



AGENDA

April 15, 2020

CITY COUNCIL MEETING

6:00 p.m.

Council Chambers
311 Vernon Street
Roseville, California
www.roseville.ca.us

Councilmembers may teleconference pursuant to Executive Order N-29-20. Members of the public may view the meeting on Comcast channel 14, Consolidated Communications channel 73 and AT&T U-verse. City Council meetings are also video streamed live and are available on the City's website and YouTube channel. Members of the public may offer public comment by the following means:

Dial in Phone Number: 916-774-5353
Email: publiccomment@roseville.ca.us

If you need a disability-related modification or accommodation to participate in this meeting, please contact Voice: 916-774-5200, TDD: 916-774-5220. Requests must be made as early as possible.

THE CITY OF ROSEVILLE WELCOMES YOUR PARTICIPATION

If an agenda item is open to public comment, such public comment shall be addressed to the chair of the meeting.

Public Comment - Speakers have three minutes under Public Comment to speak on issues that are not listed on the agenda and are within the City's jurisdiction. The Brown Act does not permit any action or discussion on items not listed on the agenda.

Consent Calendar - If applicable, the Consent Calendar consists of routine items that may be approved by one motion. Any person can remove an item from the Consent Calendar to be discussed separately.

Agenda Items - Speakers have five minutes to address items that are listed on the agenda.

Americans with Disabilities Act - Notify the City Clerk or Secretary at least 72 hours in advance if special assistance is required to participate in a meeting including the need of auxiliary aids or services.

Audio/Visual Presentations - If making a presentation regarding an agenda item, audio/visual materials must be submitted to the City Clerk or Secretary at least 72 hours in advance.

Security procedures are in place to attend Roseville City Council meetings. All attendees must successfully pass through a security metal detector. Any person with a prohibited item will not be allowed entry. Prohibited items include, but are not limited to: firearms (even with valid CCW), knives, pepper spray/mace, explosives of any kind/ any weapons and/or dangerous devices of any kind, illegal drugs and alcohol.

Roseville City Clerk 311 Vernon Street, Roseville, CA 916-774-5200 TDD 916-774-5220

- 1. CALL TO ORDER**
- 2. ROLL CALL**
- 3. PLEDGE OF ALLEGIANCE**
- 4. MEETING PROCEDURES**
- 5. PUBLIC COMMENTS**

5.1. City Response to COVID-19 Pandemic

CONTACT: Dominick Casey 916-774-5362 dcasey@roseville.ca.us

6. CONSENT CALENDAR

BEGINNING OF CONSENT CALENDAR

Minutes

Bids / Purchases / Services

6.1. John L. Sullivan Park Project - Award of Contract and Budget Adjustment

Memo from Park Development Analyst Heather Buck and Parks, Recreation & Libraries Director Jill Geller recommending the City Council adopt RESOLUTION NO. 20-112 APPROVING AN AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND SIERRA VALLEY CONSTRUCTION, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE; and adopt ORDINANCE NO. 6211 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2019-20 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE; and authorize approval of change orders in an amount not to exceed 10% of the contracted amount. Staff recommends award of the base bid and all additive alternatives for a total contract award amount of \$1,164,413 to Sierra Valley Construction, Inc. This will result in a total project budget of \$1,447,000, which includes the cost of design, construction, permits, inspections, construction administration, and contingency. John L. Sullivan Park is a 4.5-acre park site located at the intersection of Solaire Drive and Summerfaire Drive in the Sierra Vista Specific Plan. Funding for the park construction is provided through the Westbrook Neighborhood Park Fund and was allocated in the FY2019-20 budget. Maintenance of the park will be funded from the Westbrook

Community Facilities District No. 2 (Public Services).

CC #: 0706

File #: 0704-01 & 0201-01

CONTACT: Heather Buck 916-774-5254 hcbuck@roseville.ca.us

6.2. On-Call Landscape Construction Services - Service Agreement Amendment

Memo from Parks, Recreation & Libraries Superintendent Eric Dexter and Parks, Recreation & Libraries Director Jill Geller recommending the City Council adopt RESOLUTION NO. 20-113 APPROVING A SERVICE AGREEMENT AMENDMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND CAGWIN & DORWARD, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. Staff is requesting an additional \$150,000 for FY2019-20 to increase the not-to-exceed amount to \$500,000 for on-call landscape construction services. This new not-to-exceed amount will also apply to annual extensions of the contract award. The agreement includes a one-year base term with the option of three additional one-year extensions. Funding is provided through Facility Rehabilitation Fund projects, the General Fund Park Operations budget, and/or Community Facilities District/Landscape & Lighting District budgets.

CC #: 0707

File #: 0704

CONTACT: Eric Dexter 916-746-1769 edexter@roseville.ca.us

6.3. Vehicle and Equipment Purchases

Memo from Fleet Manager Brian Craighead and Public Works Director Jason Shykowski recommending the City Council approve a purchase order to BWNVT Motors, LLC dba Serramonte Ford for one Ford Explorer utilizing RFQ 10-3254 in the amount of \$29,871; approve a purchase order to Future Ford, Inc. for one Ford F350 pickup truck utilizing RFQ 10-3256 in the amount of \$32,836; approve a purchase order to Pacific Material Handling Solutions, Inc. for one Hyundai 35LN-9A forklift utilizing RFQ 10-3258 in the amount of \$35,536. Funding for these vehicles is included in the FY2019-20 Auto Replacement budget.

CC #: 0698

File #: 0203-01

CONTACT: Brian Craighead 916-774-5731 bcraighead@roseville.ca.us

6.4. Self-Contained Breathing Apparatus Equipment - Purchase Orders

Memo from Assistant Fire Chief Brian Diemer and Fire Chief Rick Bartee recommending the City Council approve two purchase orders totaling \$790,209.32 with Municipal Emergency Services, Inc. for self-contained breathing apparatus equipment based on two competitively bid contracts. Funds are budgeted in the General Equipment Replacement fund for this purchase.

CC #: 0711

Resolutions

6.5. Sierra Vista - Federico/ West Park Ph 1 Earl Rush Drive (Formally known as Federico Drive) - Notice Of Completion

Memo from Construction Inspector Troy Galvin and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 20-103 OF THE COUNCIL OF THE CITY OF ROSEVILLE ACCEPTING THE PUBLIC WORK KNOWN AS SIERRA VISTA FEDERICO/WESTPARK PH 1 EARL RUSH DRIVE (FORMALLY KNOWN AS FEDERICO DR) PROJECT, APPROVING THE "NOTICE OF COMPLETION", AND AUTHORIZING AND DIRECTING THE CITY ENGINEER TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE, THEREFORE, AND ACCEPTING A PORTION OF THE DEDICATIONS OFFERED ON THE RECORDED MAP OF THE SUBDIVISION. The Engineering Division has made final inspection of the project and has found the civil improvement work complete in accordance with the improvement plans and City specifications. This action has no impact to the City's General Fund. Construction costs were paid by the developer.

CC #: 0699

File #: 0400-04-12-1

CONTACT: Troy Galvin 916-223-7441 jtgalvin@roseville.ca.us

6.6. Sierra Vista - Federico/Westpark Phase 1 Summerfaire Dr. - Notice Of Completion

Memo from Construction Inspector Troy Galvin and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 20-104 OF THE COUNCIL OF THE CITY OF ROSEVILLE ACCEPTING THE PUBLIC WORK KNOWN AS SIERRA VISTA FEDERICO/WESTPARK PH 1 SUMMERFAIRE DR PROJECT, APPROVING THE "NOTICE OF COMPLETION", AND AUTHORIZING AND DIRECTING THE CITY ENGINEER TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE, THEREFORE, AND ACCEPTING A PORTION OF THE DEDICATIONS OFFERED ON THE RECORDED MAP OF THE SUBDIVISION. The Engineering Division has made final inspection of the project and has found the civil improvement work complete in accordance with the improvement plans and City specifications. This action has no impact on the City's General Fund. Construction costs were paid by the developer.

CC #: 0700

File #: 0400-04-12-1

CONTACT: Troy Galvin 916-223-7441 jtgalvin@roseville.ca.us

6.7. Sierra Vista - Federico/Westpark Ph 1 Westbrook Blvd and Earl Rush Drive (Formally known as Federico Drive) - Notice of Completion

Memo from Construction Inspector Troy Galvin and Development Services

Director Mike Isom recommending the City Council adopt RESOLUTION NO. 20-114 OF THE COUNCIL OF THE CITY OF ROSEVILLE ACCEPTING THE PUBLIC WORK KNOWN AS SIERRA VISTA FEDERICO/WESTPARK PH 1 WESTBROOK BLVD & EARL RUSH DR (FORMALLY KNOWN AS FEDERICO DR) PROJECT, APPROVING THE "NOTICE OF COMPLETION", AND AUTHORIZING AND DIRECTING THE CITY ENGINEER TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE, THEREFORE, AND ACCEPTING A PORTION OF THE DEDICATIONS OFFERED ON THE RECORDED MAP OF THE SUBDIVISION. The Engineering Division has made final inspection of the project and has found the civil improvement work complete in accordance with the improvement plans and City specifications. This action has no impact to the City's General Fund. Construction costs were paid by the developer.

CC #: 0708

File #: 0400-04-12-1

CONTACT: Troy Galvin 916-223-7441 jtgalvin@roseville.ca.us

6.8. Sierra Vista Village JM-02B - Phase 2 Final Map and Subdivision Agreement

Memo from Assistant Engineer Kerry Andrews and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 20-099 APPROVING A SUBDIVISION AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND JOHN MOURIER CONSTRUCTION, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE; and approve the Sierra Vista Village JM-02B - Phase 2 final map. Staff has completed its review of the final map and found that it is in compliance with the approved tentative map. This map will create 95 residential lots and 1 landscape lot. The actions requested have no fiscal impact to the City's General Fund.

CC #: 0690

File #: 0400-04-12-1

CONTACT: Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

6.9. Sierra Vista Village JM-03B - Phase 2 Final Map and Subdivision Agreement

Memo from Assistant Engineer Kerry Andrews and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 20-100 APPROVING A SUBDIVISION AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND JOHN MOURIER CONSTRUCTION, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE; and approve the Sierra Vista Village JM-03B - Phase 2 final map. Staff has completed its review of the final map and found that it is in compliance with the approved tentative map. This map will create 44 residential lots, 1 private street lot and 1 open space lot. The actions requested have no fiscal impact to the City's General Fund.

CC #: 0691

File #: 0400-04-12-1

CONTACT: Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

6.10. Sierra Vista Village JM-20B - Phase 2 Final Map and Subdivision Agreement

Memo from Assistant Engineer Kerry Andrews and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 20-101 APPROVING A SUBDIVISION AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND JOHN MOURIER CONSTRUCTION, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE; and approve the Sierra Vista Village JM-20B - Phase 2 final map. Staff has completed its review of the final map and found that it is in compliance with the approved tentative map. This map will create 75 residential lots and 1 large lot for future development. The actions requested have no fiscal impact to the City's General Fund.

CC #: 0692

File #: 0400-04-12-1

CONTACT: Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

6.11. Youth Sports Coalition - Administrative Standards Update

Memo from City Clerk Technician Helen Dreyer and City Clerk Sonia Orozco recommending the City Council adopt RESOLUTION NO. 20-106 APPROVING AMENDMENTS TO THE CITY COUNCIL/BOARDS AND COMMISSIONS ADMINISTRATIVE STANDARDS REGARDING THE YOUTH SPORTS COALITION. Staff requests approval of an amendment to the Supplemental Meeting Procedures in the City of Roseville City Council/Boards & Commissions Administrative Standards applicable to the Youth Sports Coalition. There is no fiscal impact associated with this request.

CC #: 0702

File #: 0103

CONTACT: Helen Dreyer 916-774-5356 hdreyer@roseville.ca.us

6.12. The Lazarus Project - Amended and Restated Memorandum of Understanding and Deed of Trust

Memo from Housing Analyst Suzanne Acrell and Economic Development Director Laura Matteoli recommending the City Council adopt RESOLUTION NO. 20-109 APPROVING AN AMENDED AND RESTATED MEMORANDUM OF UNDERSTANDING AND AN AMENDED AND RESTATED DEED OF TRUST BETWEEN THE CITY OF ROSEVILLE AND THE LAZARUS PROJECT, INC. AND AUTHORIZING THE CITY MANAGER TO EXECUTE THEM, ON BEHALF OF THE CITY OF ROSEVILLE. This item is to amend and restate The Lazarus Project's Memorandum of Understanding and Deed of Trust for the property located at 339 Grove Street. This item does not impact the General Fund.

CC #: 0704

File #: 0709-05

CONTACT: Suzanne Acrell 916-774-5469 sacrell@roseville.ca.us

6.13. United States Postal Service - Lease Amendment Extension

Memo from Economic Development Manager Wayne Wiley and Economic

Development Director Laura Matteoli recommending the City Council adopt RESOLUTION NO. 20-115 APROVING A LEASE AMENDMENT EXTENSION, BY AND BETWEEN THE CITY OF ROSEVILLE AND THE UNITED STATES POSTAL SERVICE AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. The United States Postal Service's lease agreement for 330 Vernon Street is due to expire on April 30, 2020 and staff requests an amendment to the lease term to allow a 90-day extension (from May 1, 2020 to July 31, 2020). No additional changes to the lease terms are proposed. With the proposed lease extension the City will continue to collect rent based on a rate of \$121,554 per year, prorated at approximately \$10,130 per month. There is no additional fiscal impact associated with this action and adopting the resolution will not impact the General Fund.

CC #: 0709

File #: 1006-01

CONTACT: Wayne Wiley 916-774-5283 wwiley@roseville.ca.us

Ordinances (for introduction and adoption - appropriation/urgency measures)

6.14. Local Road Safety Plan - Budget Adjustment

Memo from Senior Engineer Jana Cervantes and Public Works Director Jason Shykowski recommending the City Council adopt ORDINANCE NO. 6210 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2019-20 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. Staff requests approval of a budget adjustment for \$90,000 for the purpose of developing a Local Road Safety Plan for the City, with \$72,000 coming from state grant funding and \$18,000 from the Highway User Tax Fund. No General Fund resources will be used for the project.

CC #: 0696

File #: 0800-04 & 0201-01

CONTACT: Jana Cervantes 916-774-5498 jcervantes@roseville.ca.us

Reports / Requests

6.15. Housing Authority Status Report - Housing Choice Voucher Program

Memo from Housing Analyst Suzanne Acrell and Economic Development Director Laura Matteoli with a quarterly report on the Housing Authority's Housing Choice Voucher Program. This report is for informational purposes only and has no impact on the City's General Fund.

CC #: 0686

File #: 0709-02-01

CONTACT: Suzanne Acrell 916-774-5469 sacrell@roseville.ca.us

6.16. Amoruso Ranch Phase 1A (Large Lot) Final Map

Memo from Assistant Engineer Kerry Andrews and Development Services Director Mike Isom recommending the City Council approve the Amoruso Ranch Phase 1A (large lot) final map. Engineering has completed its review of the final map and found that it is in compliance with the approved tentative map. This map will be creating 4 public right of way lots, 7 public park lots, 21 landscape lots, 16 open space lots, 3 public utility lots, 2 public sewer lift station lots, 1 public fire station lot, 1 public school site lot and 52 large lots for future development. The actions requested have no fiscal impact to the City's General Fund.

CC #: 0693

File #: 0400-07

CONTACT: Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

6.17. Creekview - Phase 1 Large Lot Subdivision Final Map

Memo from Assistant Engineer Kerry Andrews and Development Services Director Mike Isom recommending the City Council approve the Creekview Phase 1 Large Lot Subdivision final map. Engineering has completed its review of the final map and found that it is in compliance with the approved tentative map. This map will be creating 19 large lots for future development, 2 public park lots, 2 public open space lots, 1 sanitary sewer lift station lot, 1 public recycling center lot and 1 water treatment/well site lot. The actions requested have no fiscal impact to the City's General Fund.

CC #: 0695

File #: 0400-07

CONTACT: Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

6.18. Parcel F-55 Parcel Map

Memo from Assistant Engineer Kerry Andrews and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 20-102 AUTHORIZING THE CITY MANAGER TO EXECUTE A PARCEL MAP ON BEHALF OF THE CITY OF ROSEVILLE. Engineering staff has completed its review of the parcel map and found it to be in compliance with the approved tentative map. This map will be creating 2 parcels for future development and 2 open space parcels. The actions requested have no fiscal impact to the City's General Fund.

CC #: 0697

File #: 0400-07

CONTACT: Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

Ceremonial Documents

6.19. Proclamation - Big Day of Giving

Proclaim May 7, 2020 as Big Day of Giving and encourage all citizens to support the work of local nonprofit organizations who help the community thrive.

CC #: 0687

File #: 0102-06

CONTACT: M. Bettencourt 916-774-5266 mbettencourt@roseville.ca.us

6.20. Proclamation - Parental Alienation Awareness Day

Proclaim April 25, 2020 as Parental Alienation Awareness Day to raise awareness around the issue of parental alienation.

CC #: 0688

File #: 0102-06

CONTACT: Katina Six 916-774-5267 kmsix@roseville.ca.us

6.21. Proclamation - West Nile Virus and Mosquito and Vector Control Awareness Week

Proclaim April 20 - 24, 2020 as West Nile Virus and Mosquito and Vector Control Awareness Week, increasing public awareness of the threat of diseases, and encouraging preventative action to minimize health threats within Roseville.

CC #: 0689

File #: 0102-06

CONTACT: M. Bettencourt 916-774-5266 mbettencourt@roseville.ca.us

END OF CONSENT CALENDAR

7. RESOLUTIONS

7.1. Clean Water State Revolving Fund Loan Agreements for the Pleasant Grove Wastewater Treatment Plant Expansion Project and Energy Recovery Project

Memo from Senior Engineer Tracie Mueller and Environmental Utilities Director Richard Plecker recommending the City Council adopt RESOLUTION NO. 20-110 APPROVING AN INSTALLATION SALE AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND CALIFORNIA STATE WATER RESOURCES CONTROL BOARD, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE; and adopt RESOLUTION NO. 20-111 APPROVING AN INSTALLATION SALE AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND CALIFORNIA STATE WATER RESOURCES CONTROL BOARD, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. This item requests City Council approval of two Installment Sale Agreements for Clean Water State Revolving Fund (CWSRF) loans from the California State Water Resources Control Board for the Pleasant Grove Wastewater Treatment Plant Expansion Project and Energy Recovery Project. The adoption of the two CWSRF Installment Sale Agreements initiates the financial commitments to repay the loans and repayment will be based on the amount of the loan used. The Debt Service Agreement between the City and SPWA will allow all CWSRF loan repayment costs incurred by the City to be fully reimbursed by the SPWA agency partners; therefore resulting in no direct fiscal impact to the City. The CWSRF interest rate of 1.3 percent is the lowest available financing option evaluated for SPWA to fund these projects. The up to \$4,000,000 loan

forgiveness included in the CWSRF agreement for the Energy Recovery Project is a fiscal benefit of approving the Installment Sale Agreement for the Energy Recovery project.

CC #: 0705

File #: 0900-02-02-2

CONTACT: Tracie Mueller 916-774-5688 trmueller@roseville.ca.us

8. SPECIAL REQUESTS/REPORTS/PRESENTATION

8.1. Financial Update

Memo from Assistant City Manager/Chief Financial Officer Dennis Kauffman recommending the City Council receive a financial update.

CC #: 0713

File #: 0201

CONTACT: Scott Pettingell 916-746-1306 spettingell@roseville.ca.us
Dennis Kauffman 916-774-5313 dkauffman@roseville.ca.us

9. APPOINTMENTS

9.1. Appointment to Planning Commission - Unscheduled Vacancy

Memo from Deputy City Clerk Katrina Six and City Clerk Sonia Orozco recommending the City Council appoint one (1) individual to the Planning Commission with a term expiring June 30, 2021 from the applications received from: Kimberly Bailey, Joshua Emerson, Tracy Librea, Renee Perez, and John Prior.

CC #: 0694

File #: 0103 & 0103-07-03

CONTACT: Katrina Six 916-774-5267 kmsix@roseville.ca.us

10. PUBLIC HEARING

NOTICE TO THE PUBLIC

City Council, when considering the matter scheduled for hearing, will take the following actions:

1. Open the Public Hearing
2. Presentation by Staff
3. Presentation by applicant or Appellant
4. Accept Public Testimony
5. Appellant or Applicant Rebuttal Period
6. Close the Public Hearing
7. City Council Comments and Questions
8. City Council Action

In the future, if you wish to challenge in court any of the matters on this agenda for which a public hearing is to be conducted, you may be limited to raising only those issues, which you, or someone else raised orally at the Public Hearing or in written

correspondence received by the City or before the hearing

Public Hearings listed for continuance will be continued as noted and posting of this agenda serves as notice of continuation.

10.1. West Roseville Specific Plan Parcel F-55 Park Abandonment

Memo from Planning Manager Greg Bitter and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 20-105 OVERRULING ANY OBJECTIONS AND ORDERING A PORTION OF WEST ROSEVILLE SPECIFIC PLAN PARCEL F-55 TO BE ABANDONED AS A CITY PARK AND SOLD. This item completes the process of abandoning a portion of West Roseville Specific Plan (WRSP) Parcel F-55 as a City park. The park abandonment is a requirement of an executed Purchase and Sale Agreement between the City and West Roseville, LLC that will result in the City receiving ownership of WRSP Parcel W-60a and West Roseville LLC receiving ownership of a portion of WRSP Parcel F-55. There are no direct impacts to the General Fund as a result of this item.

CC #: 0701

File #: 0704 & 1001

CONTACT: Greg Bitter 916-774-5294 gbitter@roseville.co.us

10.2. West Roseville Specific Plan Parcels F-55 and W-60a General Plan Amendment, Specific Plan Amendment, Rezone, and Development Agreement

Memo from Associate Planner Shelby Vockel and Development Services Director Mike Isom recommending the City Council consider the Addendum to the West Roseville Specific Plan Environmental Impact Report (EIR) and the Fiddymont Ranch Amendment 3 Subsequent EIR and adopt RESOLUTION NO. 20-107 AMENDING THE GENERAL PLAN TO CHANGE THE LAND USE DESIGNATION ON CERTAIN REAL PROPERTY IN THE CITY OF ROSEVILLE; and adopt RESOLUTION NO. 20-108 AMENDING THE WEST ROSEVILLE SPECIFIC PLAN; and introduce for first reading ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ZONING ORDINANCE NO. 6198 OF THE CITY OF ROSEVILLE CHANGING THE ZONING OF CERTAIN REAL PROPERTY LOCATED WITHIN THE CITY OF ROSEVILLE; and introduce for first reading ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE ADOPTING A DEVELOPMENT AGREEMENT BY AND BETWEEN THE CITY OF ROSEVILLE AND WEST ROSEVILLE LLC RELATIVE TO THE WEST ROSEVILLE SPECIFIC PLAN AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. The applicant requests approval of a General Plan Amendment, Specific Plan Amendment, and Rezone to change the land use and zoning designations for Parcels F-55 and W-60a in the West Roseville Specific Plan (WRSP) area. These land use changes would facilitate the exchange of a portion of City-owned Parcel F-55 for Parcel F-60a, owned by West Roseville, LLC (Westpark). As proposed, the land use designation for Parcel F-55 will be modified from Parks and Recreation (PR) to Low Density Residential (LDR), High Density Residential (HDR), and Open Space (OS), with a portion remaining as PR; and the zoning designation will be modified from PR to Small

Lot Residential/Development Standards (RS/DS), Attached Housing (R3), Open Space (OS), and Parks and Recreation (PR) to accommodate a 99-unit single-family residential subdivision. The land use designation for Parcel W-60a will be modified from Light Industrial (LI) to PR, and the zoning designation will be modified from Light Industrial/Special Area (M1/SA) to PR to accommodate a regional sports park. The Specific Plan Amendment will increase the number of single-family residential units in the WRSP by 99 units, as well as increase the High Density Residential (HDR) land area by 0.49 acres. A Development Agreement by and between the City of Roseville and West Roseville, LLC relative to the Parcel F-55 property within the WRSP is requested to reflect the land use changes, as well as document vested rights and developer obligations.

CC #: 0703

File #: 0400-03 & 0400-04-09

CONTACT: Shelby Vockel 916-746-1357 svockel@roseville.ca.us

11. COUNCIL REPORTS / PUBLIC COMMENTS

12. ADJOURNMENT



COUNCIL COMMUNICATION

CC #: 0706

File #: 0704-01 & 0201-01

Title: John L. Sullivan Park Project - Award of Contract and Budget Adjustment

Contact: Heather Buck 916-774-5254 hcbuck@roseville.ca.us

Meeting Date: 4/15/2020

Item #: 6.1.

RECOMMENDATION TO COUNCIL

Recommend Council authorize a budget adjustment of \$500,000 from Westbrook Neighborhood Park Fund (Fund 3318) to the John L. Sullivan Park Fund (Project 500008), award the project to the apparent low bidder, Sierra Valley Construction, Inc., authorize the City Manager to execute the agreement with Sierra Valley Construction, Inc., in the amount of \$1,164,413, and authorize staff to approve change order requests in an amount not to exceed 10% of the contract amount.

BACKGROUND

John L Sullivan Park is a 4.5-acre park site located at the intersection of Solaire Drive and Summerfaire Drive in the Sierra Vista Specific Plan. Amenities planned for the park include a picnic area, a concrete foosball table, two concrete cornhole courts, a practice disc golf goal, a half-court for basketball, a children's playground, multi-use turf, landscaping and irrigation. In order to meet the budget constraints, additive alternatives have been identified. These include swings, three fitness stations, and a shade structure for the picnic area.

City Council approved the plans and specifications and authorized the call for bids at the January 15, 2020, meeting. Bids were opened on March 3, 2020 and staff received two bids. The bid results and architect's estimate are as follows:

Bidder	Total Lump Sum Bid
Sierra Valley Construction, Inc.	\$1,164,413
TJR Resources, Inc.	\$1,260,400
Architect's Estimate	\$1,255,227

Staff recommends award of the project to Sierra Valley Construction, Inc., in the amount of \$1,164,413 for the base bid, all additive alternatives, and winter suspension allowance.

CONTINGENCY

During the course of a construction project, it is common to encounter unanticipated or changed conditions in the field which necessitate additions or other changes to the project and the contract.

Due to the complexity of this project, staff requests authorization to approve change order requests in an amount not to exceed 10% of the contract price in accordance with the terms and conditions of the contract.

FISCAL IMPACT

Funding for the park construction is provided through the Westbrook Neighborhood Park Fund and was appropriated in the FY2019-20 budget. Staff requests Council authorize a budget adjustment in the amount of \$500,000 from Westbrook Neighborhood Park Fund (Fund 3318) to the John L. Sullivan Park Project (Project 5000008). Staff recommends award of the base bid and all additive alternatives for a total contract award amount of \$1,164,413. This will result in a total project budget of \$1,447,000, which includes the cost of design, construction, permits, inspections, construction administration, and contingency. Maintenance of the park will be funded from the Westbrook Community Facilities District No. 2 (Public Services).

ENVIRONMENTAL REVIEW

Project level CEQA compliance for the John L. Sullivan Park (WB-51) project was accomplished with preparation of the *Westbrook Specific Plan Amendment to the Sierra Vista Specific Plan Initial Study/Mitigated Negative Declaration* (Adopted: April 26, 2012, SCH No. 2008032115). Because the John L. Sullivan Park project is consistent with the project evaluated in the *Westbrook Specific Plan Amendment to the Sierra Vista Specific Plan Initial Study/Mitigated Negative Declaration*, no new effects would be expected to occur and all applicable mitigation measures from the *Westbrook Specific Plan Amendment to the Sierra Vista Specific Plan Initial Study/Mitigated Negative Declaration* will be implemented. As such, no additional CEQA action is required at this time.

Respectfully Submitted,

Heather Buck, Park Development Analyst

Jill Geller, Director, Parks, Recreation & Libraries

A handwritten signature in blue ink, appearing to read 'Dominick Casey', with a stylized, overlapping circular flourish.

Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 20-112

John L Sullivan Park - Agreement

Bid Summary Sheet

Ordinance No. 6211

Budget Adjustment

RESOLUTION NO. 20-112

APPROVING AN AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND SIERRA VALLEY CONSTRUCTION, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, an Agreement for the John L. Sullivan Park project, by and between the City of Roseville and Sierra Valley Construction, Inc., has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said Agreement is hereby approved and the City Manager is authorized to execute it on behalf of the City of Roseville.

BE IT FURTHER RESOLVED that the City Manager or his designee is authorized to approve change orders for the project, consistent with the contract terms, provided that the net cost of all change orders shall not exceed ten percent (10%) of the contract price.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 2020, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

A G R E E M E N T

THIS AGREEMENT, is made and entered into this _____ day of _____, 20 20, by and between the City of Roseville, a municipal corporation, ("CITY"), and Sierra Valley Construction, Inc., a California Corporation, ("CONTRACTOR"); and

W I T N E S E T H:

WHEREAS, the City Council of the CITY, at a meeting held on the 15th day of January, 20 20, approved plans and specifications for the John L. Sullivan Park Project

and directed the City Clerk to advertise for sealed proposals for doing said work and providing that bids be submitted on the 3rd day of March, 20 20; and

WHEREAS, the City Clerk, thereafter duly and regularly caused a notice to be published in the manner and for the time prescribed by law; and

WHEREAS, CONTRACTOR, pursuant to the provisions of said notice duly filed a bid with the City Clerk, a true copy of which bid is now on file in the office of the City Clerk, and is hereby referred to and by this reference made a part hereof as fully as if set forth at length herein; and

WHEREAS, all bids received pursuant to said notice were opened and examined and publicly declared at the time specified in said advertisement for bids and at a meeting of the City Council held on the _____ day of _____, 20____, the Council found and

declared the bid of CONTRACTOR to be the lowest responsible bid and thereupon awarded a contract to CONTRACTOR to do the work referred to in the aforementioned specifications.

NOW, THEREFORE, the parties agree as follows:

1. THE WORK. CONTRACTOR agrees:

a. To do the work and furnish all the labor, materials, tools, supplies, equipment, superintendence, insurance, and bonds required for the John L. Sullivan Park Project

in accordance with the Contract Documents (the Work).

b. To do and perform the Work contemplated hereby in a good and workmanlike manner under the direction of and to the satisfaction of the Director of Public Works of the City of Roseville.

2. PAYMENT. CITY shall pay CONTRACTOR One million one hundred sixty-four thousand four hundred thirteen dollars (\$ 1,164,413.00) for the Work to be done under this Agreement in accordance with the Contract Documents.

3. CONTRACT DOCUMENTS. The complete Agreement between the parties hereto consists of the following documents:

- a. The advertisement for bids (including the notice to bidders, instructions to bidders and proposals);
- b. The accepted bid;
- c. Plans and specifications (including general conditions, supplemental conditions, special provisions and construction details);
- d. Bonds and insurance required by the specifications; and

e. This contract.

All documents specified above are intended to operate so that any work called for in any one and not mentioned in the other, or vice versa, is to be executed the same as if mentioned in all said documents.

4. LIQUIDATED DAMAGES. In the event CONTRACTOR does not complete the Work within the time specified, CONTRACTOR agrees that CITY will suffer damages. Inasmuch as the actual damages which would result from such breach by CONTRACTOR under this Agreement are uncertain, and would be impractical or extremely difficult to fix, CONTRACTOR agrees that it shall pay, or CITY shall deduct from CONTRACTOR's fee, the amount of \$ 800 per day as liquidated damages, in the event of such delay.

5. TIME OF COMPLETION. Time is of the essence of this Agreement. CONTRACTOR shall complete all Work under the Contract Documents within 100 Days of the date of this Contract. CONTRACTOR shall begin work by the date specified in the "Notice to Proceed" letter and shall diligently prosecute all of the Work under this Contract in all parts and requirements as defined in the Contract Documents.

6. SERVICE OF NOTICE. Any notice required or permitted to be given under this Agreement shall be deemed given when (a) personally delivered to the recipient identified below; (b) mailed by registered or certified mail, return receipt requested, postage pre-paid, to the address specified below; or (c) sent by facsimile, with confirmation of receipt, to the facsimile number identified below.

CITY OF ROSEVILLE

Jill Geller
Director, Parks, Recreation & Libraries
316 Vernon Street, Suite 400
Roseville, CA 95678

CONTRACTOR

Sierra Valley Construction
Shawn Lanza
2723 Penny Lane
Lincoln, CA 95648

CITY may also act through either its architect or construction manager if CITY expressly gives notice to CONTRACTOR, in writing, that CITY's designee has authority to act for CITY in a specific capacity.

7. DISPUTES. Disputes arising from this Agreement will be determined in accordance with the Contract Documents and Public Contract Code Sections 10240-10240.13.

8. GOVERNING LAW. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

9. INDEPENDENT CONTRACTOR. CONTRACTOR shall act as an independent contractor, and covenants and agrees that it will conduct itself consistent with such status, that it will neither hold itself out as, nor claim to be, an officer or employee of CITY by reason of this Agreement.

10. SUCCESSORS IN INTEREST. This Agreement shall be binding upon the heirs, successors, executors, administrators and assigns of the respective parties hereto.

11. MODIFICATION. This Agreement and each provision contained herein may be waived, amended, supplemented or eliminated only by mutual written agreement of the parties.

12. SEVERABILITY. If any of the provisions contained in this Agreement are for any reason held invalid or unenforceable, such holding shall not affect the remaining provisions or the validity and enforceability of the Agreement as a whole.

13. INTEGRATED AGREEMENT. This is an integrated agreement and contains all of the terms, considerations, understanding and promises of the parties. It shall be read as a whole.

14. CONTRACTORS LICENSE LAW. CONTRACTORS ARE REQUIRED BY LAW TO BE LICENSED AND REGULATED BY THE CONTRACTORS' STATE LICENSE

BOARD WHICH HAS JURISDICTION TO INVESTIGATE COMPLAINTS AGAINST CONTRACTORS IF A COMPLAINT REGARDING A PATENT ACT OR OMISSION IS FILED WITHIN FOUR (4) YEARS OF THE DATE OF THE ALLEGED VIOLATION. A COMPLAINT REGARDING A LATENT ACT OR OMISISON PERTAINING TO STRUCUTRAL DEFECTS MUST BE FILED WITHIN TEN (10) YEARS OF THE DATE OF THE ALLEGED VIOLATION. ANY QUESTIONS CONCERNING A CONTRACTOR MAY BE REFERRED TO THE REGISTRAR, CONTRACTORS' STATE LICENSE BOARD, P.O. BOX 26000, SACRAMENTO, CALIFORNIA 95826.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attestation by its City Clerk under authority of Resolution No. _____, adopted by the Council of the City of Roseville on the _____ day of _____, 20_____, and CONTRACTOR has caused this Agreement to be duly executed.

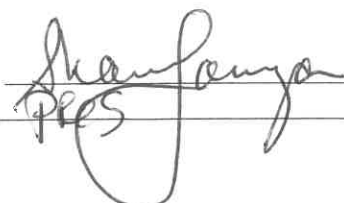
CITY OF ROSEVILLE, a
municipal corporation

Sierra Valley Construction, Inc. , a
California Corporation

BY: _____
DOMINICK CASEY
City Manager

ATTEST:

BY: _____
SONIA OROZCO
City Clerk

BY: 
its: _____
and

BY: _____
its: _____

APPROVED AS TO FORM:

BY: _____
ROBERT R. SCHMITT
City Attorney

APPROVED AS TO SUBSTANCE:

BY: Jill Geller
Print Name: Jill Geller

Title: Director, Parks, Recreation & Libraries

INSURANCE BROKER INFORMATION PACKET

Project: John L. Sullivan Park

NOTICE TO CONTRACTOR:

For your convenience, this package contains the Requirements for Insurance and Bonds for this project, including the necessary City forms. You are required to return these forms in addition to the executed Contract within fifteen (15) calendar days after the award of the Bid, unless otherwise directed by City in writing. (See the Instructions to Bidders.)

Please insert the dollar amount of your accepted Bid into the blank on page INS-1 and present this entire package to your insurance broker if you are awarded the Bid.

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Insurance Requirements	INS 2
Public Works Faithful Performance Bond	INS 10
Public Works Payment Bond	INS 13

NOTICE TO INSURANCE BROKER

Your client has been awarded a bid by the City Council of the City of Roseville to perform a public works project known as John L. Sullivan Park. The Contract Conditions for that project require your client ("the Contractor") to return certain evidence of insurance and bonds to the City Attorney of the City within fifteen (15) days after the Bid award, unless otherwise directed by the City in writing, or else the Bid award may be terminated and awarded to another company.

This package contains the information you will need as an insurance broker to provide the appropriate insurance and bonds to the City. The insurance coverages the Contractor needs are specified in the section entitled "Insurance Requirements." Please note that, in addition to the insurance certificate itself, copies of several endorsements must be actually furnished.

Please refer to the Supplemental Conditions for modifications of the General Conditions, if any, and the requirements of this insurance packet.

Please use the standard City of Roseville Bond Forms provided in this package.

The Bonds required must each be in the penal amount of: \$ 1,164,413.00.

Bonds must be sent to the following staff person:

City of Roseville, Parks, Recreation & Libraries
Attn: Heather Buck
316 Vernon Street, Suite 400
Roseville, CA 95678

Insurance documents must be provided using one of the following methods:

- a. By email to roseville@ebix.com and riskmanagement@roseville.ca.us
- b. By fax to (770) 335-5727 and (916) 774-5461

After using one of these methods, please **DO NOT** send the insurance certificate(s) by mail.

When forwarding the documents, please refer to the project name so that the documents can be matched with the Contract for which they are submitted.

Thank you.

INS - 1

INSURANCE REQUIREMENTS

The following sections are quoted from the General Conditions:

5-1.23 **INSURANCE COVERAGE.**

A. **Evidence of Maintenance Required.** The Contractor shall, at its expense, procure and at all times maintain in full force and effect at a minimum the insurance required by this section on all of its operations; and the Contractor shall not allow any Subcontractor to commence work until similar insurance required of the Subcontractor has been obtained and filed. An original Certificate of Insurance, and copies of all required endorsements, all in a form approved by the Risk Manager, evidencing all required coverage or policies shall be filed after the award of the bid and prior to approval of the Contract by the City Council. Contractor shall provide ten (10) days prior written notice to the City of any reduction of coverage limits or cancellation of the coverage or policies shall be given to the City of Roseville as Certificate holder.

B. **Qualifying Insurers.** With the exception of the State Compensation Insurance Fund, all required insurance policies shall be issued by companies acceptable to the City and licensed to do business in the State of California and who hold a current policy holders alphabetic and financial size category rating of not less than AVII according to the most recent issue of Best's Insurance Reports.

C. **Insurance Required.**

1. **Commercial General Liability (CGL):** Insurance Services Office Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations with limits of no less than Two Million Dollars (\$2,000,000) per occurrence for bodily injury, personal injury and property damage for projects under One Million Dollars (\$1,000,000) and

limits of no less than Five Million Dollars (\$5,000,000) per occurrence for bodily injury, personal injury and property damage for projects over One Million Dollars (\$1,000,000). If a general aggregate limit applies, either the aggregate limit shall apply separately to this project or the general aggregate limit shall be twice the required occurrence limit.

The Commercial General Liability insurance shall include the following, copies of which shall be provided:

a. Inclusion of the City of Roseville, and its officers, agents, employees, and volunteers, as additional insureds (except for workers' compensation) as respects services or operations under the Contract. The additional insured endorsement for the general liability policy shall be at least as broad as the ISO CG 2010 10 01 combined with ISO CGL Endorsement CG 2037 10 01. Any other endorsement must be approved in writing by the City. Endorsements must include coverage for on-going and completed operations, which coverage shall be maintained for four (4) years following completion of the Project. Endorsements shall cover the City of Roseville, its officers, agents, employees, and volunteers.

b. The insurance shall provide coverage for claims by one insured against another insured and the policies shall not contain any cross-suits exclusions, cross-liability exclusions, or insured versus insured exclusions. The policies shall not contain any classification exclusions purporting to deny coverage for any work to be performed by Contractor or any of its Subcontractors.

c. Stipulation that the insurance is primary and noncontributory, as evidenced by a separate endorsement (CG 20 01 04 13 or an equivalent) or section of the policy, and that neither the City nor its insurers will be called upon to contribute to a loss.

d. Such insurance shall specifically cover the contractual liability of

the Contractor.

e. Any available insurance proceeds in excess of the specified minimum insurance coverage requirements and limits shall be available to the additional insureds. Furthermore, the requirements for coverage and limits shall be: (1) the minimum coverage and limits specified in this Agreement; or (2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater.

f. Waiver of subrogation endorsement.

g. The Contractor shall furnish a certificate for the period covered.

2. **Automobile Liability:** Insurance Services Office Form Number CA 0001 covering Code 1 (any auto), or if Contractor has no owned autos, Code 8 (hired) and Code 9 (non-owned), with limits of no less than One Million Dollars (\$1,000,000) per accident for bodily injury and property damage.

3. **Workers' Compensation:** In accordance with the provisions of the California Labor Code, Contractor is required to be insured against liability for Workers' Compensation or to undertake self-insurance. Statutory Workers' Compensation and Employers' Liability of at least One Million Dollars (\$1,000,000) shall cover all Contractors staff while performing any work incidental to the performance of this Agreement.

4. **Professional Liability:** Professional Liability (Errors and Omission) Insurance appropriate to Contractor's profession, with a limit of liability not less than One Million Dollars (\$1,000,000) per occurrence or claim and Two Million Dollars (\$2,000,000) aggregate to cover all design and engineering services rendered by Contractor pursuant to the Agreement. Coverage must commence from the first day that Contractor or any of its Subcontractors provided any design or engineering services in connection with the Project.

5. **Builder's Risk/Course of Construction Insurance Is ☐ OR Is Not**

☒ **Required by Risk Management:** The Contractor shall be responsible for all loss, damage or destruction whatsoever to the work called for by this Contract until the approval of a Notice of Completion or acceptance of the Work if no Notice of Completion is to be recorded.

The Contractor shall secure "All Risk" type of builder's Risk Insurance of the type covering one hundred percent (100%) of the value of the work performed under this Contract (the value is presumed to be the Contract amount unless otherwise stated in Supplemental Conditions) and all materials, equipment, or other items to be incorporated therein while the same are located at the construction site, a bonded warehouse, or its place of manufacture. At any time, the policy shall cover the value of the work completed. The policy shall cover hazards including the losses due to fire, explosion, hail, rain, lightning, flood (separate insurance as needed), vandalism, malicious mischief, wind, collapse, aircraft, and smoke.

The policies providing such insurance shall name the City as a loss payee as its respective interests may appear, and certified copies of such policies shall be filed with the City. The maximum deductible allowable under the Builder's All Risk policy shall be five percent (5%) of the Contract amount.

Builder's Risk Insurance is not required for coverage of losses in excess of five percent (5%) of the Contract amount for damages resulting from earthquake in excess of a magnitude of 3.5 on the Richter scale, or tidal waves. Coverage in the amount of five percent (5%) of the Contract amount for such losses is required.

6. **Pollution Coverage:** Pollution coverage is not required.

[REDACTED]

7. **Higher Coverage Limits:** If Contractor maintains higher coverage limits than the amounts shown above, then the City requires and shall be entitled to coverage for the higher coverage limits maintained by Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

8. **Claims Made Coverage:** Liability insurance coverage may not be written on a "claims made" or modified occurrence basis. The Certificate of Insurance must clearly provide that the coverage is on an "occurrence" basis.

5-1.24 **OTHER INSURANCE PROVISIONS.**

A. The requirements of the Standard Specifications as to types and limits of insurance coverage to be maintained by the Contractor, and any approval of insurance by the City, are not intended to, and shall not in any manner limit or qualify the liabilities and obligations otherwise assumed by the Contractor pursuant to the Contract, including, but not limited to, the provisions concerning indemnification, nor preclude the City from taking any other action available to it under any other provision of the Contract or law.

B. The City acknowledges that some insurance requirements contained in these Standard Specifications may be fulfilled by self-insurance on the part of the Contractor. However, this shall not in any way limit liabilities assumed by Contractor under the Contract. Any self-insurance must be approved in writing by the City, in its sole discretion and shall not reduce the limits of liability. Any deductibles or self-insured retentions ("SIR") must be declared on the certificate of insurance and approved by City in writing. Policies containing any

SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or City. City reserves the right to obtain a full certified copy of any insurance policy and endorsements. The failure to exercise this right shall not constitute a waiver of such right.

C. The Contractor agrees to include in its contracts with all subcontractors the same requirements and provisions of this Contract, including the indemnity and insurance requirements, to the extent they apply to the scope of the subcontractor's work. Furthermore, the Contractor shall require its subcontractors to agree to be bound to the Contractor and the City in the same manner and to the same extent as the Contractor is bound to the City under this Contract. Additionally, the Contractor shall obligate its subcontractors to comply with these same provisions with respect to any tertiary subcontractor, regardless of tier. A copy of the City's indemnity and insurance provisions will be furnished to the subcontractor or tertiary subcontractor upon request. Alternatively, the Contractor may insure subcontractor(s) under its own policy.

D. The City, its officers, agents, employees, and volunteers are to be covered as insureds with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of the Contractor; and with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts or equipment furnished in connection with such work or operations. Coverage shall not extend to any indemnity coverage for the active negligence of the additional insured in any case where an agreement to indemnify the additional insured would be invalid under California Insurance Code Section 11580.04.

E. The limits of insurance required in this Contract may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be

endorsed to contain a provision that such coverage shall also apply on a primary and noncontributory basis for the benefit of the City (if agreed to in a written contract) before the City's own insurance shall be called upon to protect it as a named insured.

F. The insurance procured by Contractor shall be subject to the approval of the City, but any acceptance of insurance certificates by the City shall in no way limit or relieve Contractor of its duties and responsibilities under the Agreement.

G. Contractor shall be responsible for all premiums, deductibles, and self-insured retention applicable to the insurance it is required to procure under the Contract. All deductibles or self-insured retentions over five hundred thousand dollars (\$500,000) must be approved by the City, in writing. Contractor shall be responsible for all deductibles, self-insured retention payments, and/or increased premiums incurred if the City's policies of insurance are forced to cover damages or respond to claims for which Contractor or its Subcontractors were obligated to provide insurance under the Contract.

H. Failure of the City to enforce in a timely manner any of the requirements of these insurance provisions shall not act as a waiver to enforcement of any of these provisions at a later date.

I. Contractor's indemnity obligations shall not be limited by these insurance provisions and shall survive the expiration of the Contract and the insurance provisions of the Contract shall likewise not be limited by the indemnity provisions of the Contract.

J. THE CITY RESERVES THE RIGHT TO WITHHOLD ANY PROGRESS PAYMENTS TO THE CONTRACTOR IN THE EVENT OF NONCOMPLIANCE WITH ANY INSURANCE REQUIREMENTS.

BID SUMMARY SHEET

TIME: 3:00 PM

BID OPENING FOR:

John L. Sullivan Park Project

BID BOND REQUIRED: YES

[illegible]

Please Sign-In

Staff

Visitors (Name & Company)

Visitors (Name & Company)

Death Bush

Signature: _____

ORDINANCE NO. 6211

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE
AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2019-20
BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY
EFFECTIVE AS AN APPROPRIATION MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. The City of Roseville Annual Budget, Fiscal Year 2019-20, is hereby amended by transferring appropriation to and from the activities indicated below:

Appropriate funds for the John L. Sullivan Park project, at the request of the Parks, Recreation & Libraries Department, as listed on the attached Request for Budget Adjustment in the amount of \$500,000.

SECTION 2. This ordinance is hereby declared to be an appropriation measure, immediately effective pursuant to the provisions of Section 5.03 of the Charter.

SECTION 3. The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the ordinance book, under the record of the ordinance, a certificate under her hand stating the time and place of such publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville, this
_____ day of _____, 2020, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



REQUEST FOR BUDGET ADJUSTMENT

REQUESTER NAME & TITLE: Tara Gee/Park Planning & Dev Superintendent FISCAL YEAR: FY2019-20
 PREPARER NAME & TITLE: Kathy Cullen/Administrative Analyst II COUNCIL DATE (if applicable): 4/15/20
 DEPARTMENT/DIVISION: Parks, Recreation & Libraries/Park Planning ORDINANCE: _____

Expenditures/Expenses/Transfers Out

ACCOUNT STRING				BUDGET (\$)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
3318	6587	84001	500008	500,000	Capital Outlay - CIP Projects: Construction of John L. Sullivan Park from WB Neighborhood park fund
TOTAL				500,000	

Revenues/Transfers In

ACCOUNT STRING				BUDGET (\$)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
TOTAL					

NET ADJUSTMENT				500,000	
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Available Resources

ACCOUNT STRING				BUDGET (\$)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
3318				(500,000)	Reduce available resources in Westbrook Neighborhood park fund
TOTAL				(500,000)	

Justification for Budget Adjustment:

The PRL department is requesting a budget adjustment to increase the John L. Sullivan Park project (500008) by \$500,000 to complete park construction. This increase will result in a total project budget of \$1,447,000, which includes the cost of design, construction, permits, inspections, construction administration and a 10% contingency. The 4.5 acre park will include a picnic area, a concrete foosball table, two concrete cornhole courts, a practice disc golf goal, a half-court for basketball, a children's playground, multi-use turf, landscaping and irrigation. Once complete, on-going maintenance of the park will be funded by the Westbrook Community Facilities District.

REQUIRED APPROVALS:			
 REQUESTING DEPARTMENT HEAD / DESIGNEE	3/10/2020 DATE	 BUDGET MANAGER / DESIGNEE	3/19/20 DATE
 CHIEF FINANCIAL OFFICER / DESIGNEE	3/19/2020 DATE	CITY MANAGER / DESIGNEE	DATE
BUDGET DEPARTMENT USE ONLY:			
POSTED BY: _____		DATE: _____	



COUNCIL COMMUNICATION

CC #: 0707

File #: 0704

Title: On-Call Landscape Construction Services - Service Agreement Amendment

Contact: Eric Dexter 916-746-1769 edexter@roseville.ca.us

Meeting Date: 4/15/2020

Item #: 6.2.

RECOMMENDATION TO COUNCIL

Parks, Recreation & Libraries Department staff recommend City Council adopt a resolution to approve a service agreement amendment for on-call landscape construction services with Cagwin & Dorward, and authorize the City Manager to execute the amendment. Additionally, authorize the City Manager to execute the remaining renewal years without further Council approval, contingent upon renewal of the budget each year as well as approval of bonds by the City Attorney's office.

BACKGROUND

In January 2019, the Parks, Recreation, & Libraries Department issued a Request for Proposals (RFP) to provide landscape construction and repair services on an as-needed basis. Five (5) firms submitted proposals, which were then ranked based on contractor qualifications, cost, and experience. The City initially had three proposals that were in consideration for award. In March of 2019, two firms were awarded an on-call agreement, because the third could not agree on requirements from the City. The landscape improvement projects expense for the third contractor was not added to the other two awards. Due to the volume of improvement work over this fiscal year, projects intended for the third contractor, plus new parks and streetscapes, there is a need to now allocate those additional project funds to Cagwin & Dorward (Purchase Order # 9001363). The original amount allocated for the third contractor was \$150,000. This agreement was awarded in FY2018-19 to include a one-year base term with the option of three additional one-year extensions.

FISCAL IMPACT

The value of this original service agreement was up to \$350,000 for each year of award, however, as of February, 2020, only \$18,484 remains available with four months left in the fiscal year to complete projects. We are requesting to add \$150,000 for this year for a total not-to-exceed amount of \$500,000. This new total will also apply to any future extensions of the contract award.

The original agreement included a one-year base term with the option of three additional one-year extensions, not to exceed annual budgeted amounts. Funding for on-call landscape construction services is provided through: 1) Facility Rehabilitation Fund projects, 2) the General Fund Park Operations budget, and/or 3) CFD/LLD budgets. Project-specific quotes will be obtained prior to the start of any work.

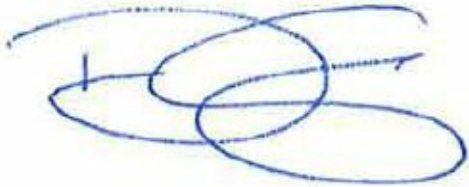
ENVIRONMENTAL REVIEW

The proposed project involves repair and rehabilitation of existing facilities. This activity is categorically exempt from CEQA as a Class 1 Exemption (State CEQA Guidelines Section 15301). The Exemption has been prepared and no further CEQA action is required.

Respectfully Submitted,

Eric Dexter, Parks, Recreation & Libraries Superintendent

Jill Geller, Parks, Recreation & Libraries Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 20-113

C & D Construction Amendment 2020

RESOLUTION NO. 20-113

APPROVING A SERVICE AGREEMENT AMENDMENT, BY AND BETWEEN THE CITY
OF ROSEVILLE AND CAGWIN & DORWARD, AND AUTHORIZING THE CITY
MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, a service agreement amendment (S1909094) for on-call landscape construction services, between the City of Roseville and Cagwin & Dorward, has been reviewed by the Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said amendment is approved and the City Manager is authorized to execute it on behalf of the City of Roseville.

BE IT FURTHER RESOLVED that the City Manager or his designee is authorized to execute two (2) additional one (1) year renewals without further City Council approval, provided that the applicable budget is approved by the City Council each year, or until City staff determines that continuing with the same vendor is not in the City's best interest, and upon receipt and approval of bonds by the City Attorney's office.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 2020, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



PURCHASING
CITY OF ROSEVILLE

2005 HILLTOP CIRCLE, ROSEVILLE, CA 95747
(916) 774-5720 • TDD (916) 774-5220 • FAX (916) 774-5736

**SERVICE AGREEMENT
AMENDMENT**

SERVICE AGREEMENT No: S1909094
AMENDMENT No.: 1

SERVICE LOCATION: As Directed

Contractor No.: V32708

SUBMIT ALL INVOICES TO:
CITY OF ROSEVILLE
Finance Department
311 Vernon Street
Roseville, CA 95678

Contractor License No.:
Business License No.:

Telephone No.: (800) 891-7710

Department: Parks, Recreation &
Libraries

Contractor: CAGWIN & DORWARD
ATTN: GARY NICOLSON
P.O. BOX 1600
NOVATO, CA 94948
gary.nicolson@cagwin.com

Acct. Code: 08501-5101

Buyer: Babette Owens
Phone: (916) 774-5704

Service Agreement Number S1909094 ("Agreement"), which was executed on 4/17/19, is hereby modified as follows:

The Total Cost of Service payable under this Agreement is modified from \$350,000.00 TO \$500,000.00. The purpose of this modification is due to the increased volume of landscape renovation and construction improvements for existing parks, streetscapes and city facilities.

All other provisions of the Agreement shall remain unchanged and in full force and effect.

CONTRACTOR:

By: [Signature]

Title: Vice President

By: [Signature]

Title: Secretary / Treasurer, CFO

CITY OF ROSEVILLE,
A MUNICIPAL CORPORATION:

By: _____
Dominick Casey, City Manager



COUNCIL COMMUNICATION

CC #: 0698
File #: 0203-01

Title: Vehicle and Equipment Purchases
Contact: Brian Craighead 916-774-5731 bcraighead@roseville.ca.us

Meeting Date: 4/15/2020
Item #: 6.3.

RECOMMENDATION TO COUNCIL

RFQ 10-3254

Staff recommends Council approve a purchase order to BWNVT Motors, LLC dba Serramonte Ford for one Ford Explorer utilizing RFQ 10-3254 to replace Fleet ID 06-358 approved in the FY2019-20 Auto Replacement budget. The total cost including sales tax is \$29,871.

RFQ 10-3256

Staff recommends Council approve a purchase order to Future Ford, Inc for one Ford F350 pickup truck utilizing RFQ 10-3256 to replace Fleet ID 08-372 approved in the FY2019-20 Auto Replacement budget. The total cost including options and sales tax is \$32,836.

RFQ 10-3258

Staff recommends Council approve a purchase order to Pacific Material Handling Solutions, Inc. for one Hyundai 35LN-9A forklift utilizing RFQ 10-3258 as a new fleet addition approved in the FY2019-20 Auto Replacement budget. The total cost including options and sales tax is \$35,536.

BACKGROUND

RFQ 10-3254

The Environmental Utilities Wastewater Treatment Plant is purchasing one Ford Explorer as a replacement for Fleet ID 06-358. This Explorer is used by staff monitoring and operating various processes at the plant. It will also be utilized for staff to attend training and group events.

A formal bid was issued with the following vendor responses:

<u>Vendor</u>	<u>Unit Price</u>
Serramonte Ford	\$29,871.15
Colma, CA	
 Oroville Ford	 \$33,002.68
Oroville, CA	

RFQ 10-3256

The Public Works Streets division is purchasing one Ford F350 pickup truck as a replacement for Fleet ID 08-372. This truck is used by staff to tow a concrete mixer, provide traffic control for downtown events, and will be used daily to respond to community calls.

A formal bid was issued with the following vendor responses:

<u>Vendor</u>	<u>Unit Price (with options)</u>
Future Ford Roseville, CA	\$33,280.24

Oroville Ford Oroville, CA	\$34,143.73
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RFQ 10-3258

The Environmental Utilities Waste Services division is purchasing a Hyundai forklift as a fleet addition. This piece of equipment will be used to move waste containers and materials to prepare for transport and maintenance requirements.

A formal bid was issued with the following vendor responses:

<u>Vendor</u>	<u>Unit Price</u>
Pacific Material Handling Sacramento, CA	\$35,234.42

Brooks Company Auburn, CA	\$57,277.75
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Octane Forklifts Denver, CO	\$43,246.54
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Vehicle replacements are based on the Fleet Scoring System which considers factors such as age, mileage, reliability, prior maintenance and repair costs, and current condition. Below are the vehicle replacement scores. A score of 23 or more indicates the vehicle is eligible for replacement.

Vehicle ID	Replacement Score	Vehicle Condition
06-358	23	Meets City replacement criteria
08-372	31	Meets City replacement criteria

FISCAL IMPACT

RFQ 10-3254

The total cost of one Ford Explorer including sales tax is \$29,871. Funding is included in the FY2019-20 Auto Replacement budget.

RFQ 10-3256

The total cost of one Ford F350 pickup truck including options and sales tax is \$32,836. Funding is included in the FY2019-20 Auto Replacement budget.

RFQ 10-3258

The total cost of one Hyundai 35LN-9A LP forklift including options and sales tax is \$35,536. Funding is included in the FY2019-20 Auto Replacement budget.

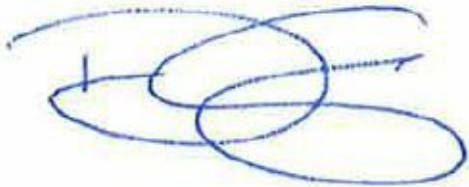
ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. The purchase of vehicles meets the above criteria and is not subject to CEQA. No additional environmental review is required.

Respectfully Submitted,

Brian Craighead, Fleet Manager

Jason Shykowski, Public Works Director



Dominick Casey, City Manager

ATTACHMENTS:

Description



COUNCIL COMMUNICATION

CC #: 0711
File #: 0203-12

Title: Self-Contained Breathing Apparatus Equipment - Purchase Orders
Contact: Brian Diemer 916-746-1392 bdiemer@roseville.ca.us

Meeting Date: 4/15/2020
Item #: 6.4.

RECOMMENDATION TO COUNCIL

Staff recommends that Council award Municipal Emergency Services, Inc. (MES) two purchase orders totaling \$790,209.32 for self-contained breathing apparatus (SCBA) equipment based on two competitively bid contracts, \$189,948.51 with the National Purchasing Partners contract #1610 and \$600,260.81 with the Sacramento Metropolitan Fire Department Self-Contained Breathing Apparatus contract #19-03.

BACKGROUND

In 2019, the Fire Department was awarded \$348,451.00 as part of a regional Assistance for Firefighters Grant with Sacramento Metropolitan Fire Department. At that time the department purchased a total of \$481,201.99 in SCBA equipment of which \$348,451.00 was paid for by the grant. Since that purchase only covered a portion of front line staff with this key piece of personal protective equipment, the department recommends outfitting the remainder of the department for continuity in equipment for use, training and maintenance purposes. The department was able to utilize two competitively bid contracts to make this purchase, \$189,948.51 with the National Purchasing Partner contract #1610 and \$600,260.81 with the Sacramento Metropolitan Fire Department Self Contained Breathing Apparatus Contract #19-03.

FISCAL IMPACT

Funds are budgeted in the General Equipment Replacement Fund for this purchase.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. The purchase of self-contained breathing apparatus equipment meets the above criteria and is not subject to CEQA. No additional environmental review is required.

Respectfully Submitted,

Brian Diemer, Assistant Fire Chief

Rick Bartee, Fire Chief



Dominick Casey, City Manager

ATTACHMENTS:

Description



COUNCIL COMMUNICATION

CC #: 0699

File #: 0400-04-12-1

Title: Sierra Vista - Federico/ West Park Ph 1 Earl Rush Drive (Formally known as Federico Drive) - Notice Of Completion

Contact: Troy Galvin 916-223-7441 jtgalvin@roseville.ca.us

Meeting Date: 4/15/2020

Item #: 6.5.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt the attached resolution accepting Sierra Vista - Federico/West Park Ph 1 Earl Rush Dr (Formally known as Federico Dr) CWJ#180046, as complete and authorizing the City Engineer to execute the Notice of Completion.

BACKGROUND

The Engineering Division has made a final inspection of the above project and has found the roadway infrastructure work complete in accordance with the improvement plans and City specifications.

FISCAL IMPACT

The actions requested as part of this action have no impact to the City's General Fund. Construction costs were paid by the developer.

ENVIRONMENTAL REVIEW

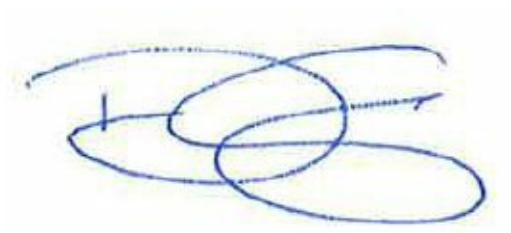
The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378.

Sierra Vista - Federico/ West Park Ph 1 Earl Rush Dr (Formally known as Federico Dr) meets the above criteria and is not subject to CEQA. No additional environmental review is required.

Respectfully Submitted,

Troy Galvin Construction Inspector

Mike Isom, Development Services Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 20-103

Notice of Completion

Exhibit A

Final Map

RESOLUTION NO. 20-103

RESOLUTION OF THE COUNCIL OF THE CITY OF ROSEVILLE ACCEPTING THE PUBLIC WORK KNOWN AS SIERRA VISTA FEDERICO/WESTPARK PH 1 EARL RUSH DRIVE (FORMALLY KNOWN AS FEDERICO DR) PROJECT, APPROVING THE "NOTICE OF COMPLETION", AND AUTHORIZING AND DIRECTING THE CITY ENGINEER TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE, THEREFORE, AND ACCEPTING A PORTION OF THE DEDICATIONS OFFERED ON THE RECORDED MAP OF THE SUBDIVISION.

BE IT RESOLVED by the Council of the City of Roseville as follows:

1. The "Notice of Completion" on file in the City Clerk's Department relative to that public work known as the Sierra Vista Federico/West Park Ph1 Earl Rush Dr (Formally known as Federico Dr.) is hereby approved and the public work accepted.
2. A portion of the right-of-way and easements offered for dedication on the final map of Sierra Vista Federico Large Lot Subdivision recorded in Book EE of Maps, Page 6, in the office of the recorder of Placer County, is hereby accepted by the City in part as said dedications relates to the improvement plan set known as Sierra Vista Federico/West Park Ph1 Earl Rush Dr (Formally known as Federico Dr.)
3. The City Engineer is hereby authorized and directed to execute said Notice on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville, this_____day of_____, 20____, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

CITY CLERK

RECORDING REQUESTED BY AND WHEN
RECORDED MAIL TO:

CITY CLERK
CITY OF ROSEVILLE
311 VERNON STREET
ROSEVILLE, CA 95678

Exempt from recording fees
Pursuant to Gov't Code §27383

NOTICE OF COMPLETION

NOTICE IS HEREBY GIVEN that the public work of improvement known as the _____ Project was completed and accepted by the City of Roseville on _____. The location is situated in the City of Roseville, County of Placer, State of California and is indicated on the attached map, marked as Exhibit "A" and incorporated herein by this reference. The real property herein described is owned by the City of Roseville, 311 Vernon Street, Roseville CA 95678.

The direct/general contractor on said project was _____.

The surety on said project was _____.

City of Roseville
Owner

ATTEST:

Sonia Orozco, City Clerk

State of California)
County of Placer)

I, _____, being first duly sworn, depose and say: I am the _____ of the City of Roseville, a municipal corporation in the State of California, owner of the property described in the above Notice. I am duly authorized to make this verification for and on behalf of the City of Roseville. I have read the Notice of Completion and know its contents and the facts stated therein are true.

City of Roseville

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.
--

State of California)
County of Placer)

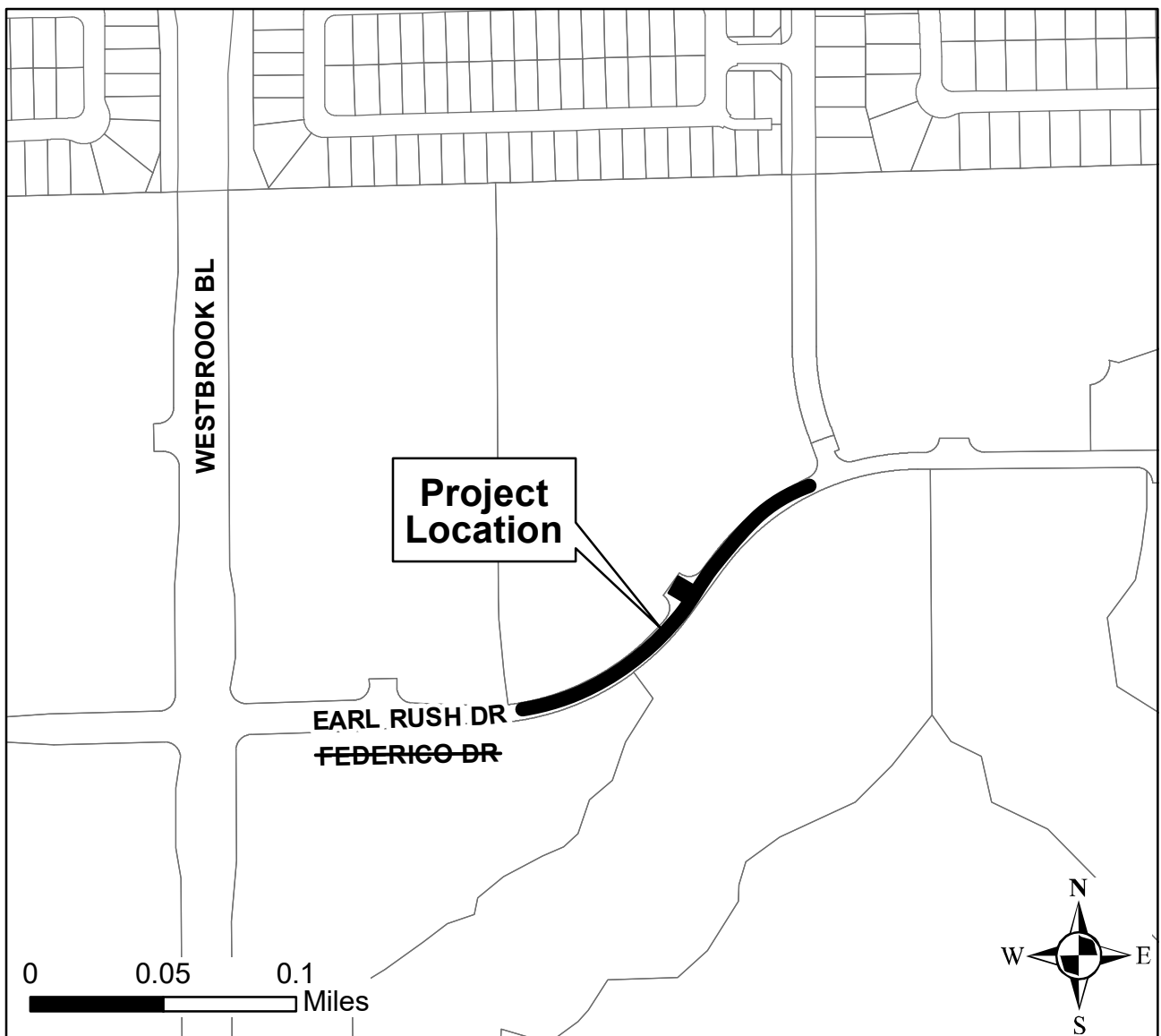
Subscribed and sworn to (or affirmed) before
me on this _____ day of _____,
20____, _____
proved to me on the basis of satisfactory
evidence to be the person(s) who appeared
before me.

Place Notary Seal and/or Stamp Above

Signature of Notary Public

EXHIBIT A

City of Roseville Sierra Vista - Federico/Westpark Phase 1 ~~Federico Drive~~ Earl Rush Drive



OWNER'S STATEMENT

THE UNDERSIGNED HEREBY CERTIFY THAT THEY ARE THE ONLY PERSONS HAVING ANY RECORD TITLE INTEREST IN THE REAL PROPERTY INCLUDED WITHIN THE SUBDIVISION SHOWN UPON THIS FINAL MAP OF "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION" AND THEY HEREBY CONSENT TO THE PREPARATION AND RECORDATION OF THIS FINAL MAP AND HEREBY OFFER FOR DEDICATION AND DO HEREBY DEDICATE FOR SPECIFIC PURPOSES THE FOLLOWING:

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS EASEMENT FOR PUBLIC PURPOSES:

- (A) PUBLIC EASEMENTS FOR THE INSTALLATION AND MAINTENANCE OF, BUT NOT LIMITED TO ELECTROLIERS, WATER AND GAS PIPES, SEWER AND DRAINAGE PIPES, AND FOR UNDERGROUND WIRE AND CONDUITS FOR ELECTRIC, TELEPHONE AND TELEVISION SERVICES AND TRAFFIC CONTROL APPURTENANCES TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER, UNDER AND ACROSS THOSE STRIPS OF LAND LYING CONTIGUOUS TO THE RIGHT OF WAY AS SHOWN HEREON AND DESIGNATED "P.U.E." (PUBLIC UTILITY EASEMENT).
- (B) PUBLIC UTILITY EASEMENT (P.U.E.) FOR INSTALLATION AND MAINTENANCE OF WATER, SEWER, GAS PIPES, ELECTROLIERS , TRAFFIC CONTROL APPURTENANCES, AND FOR POLES AND UNDERGROUND WIRES AND CONDUITS FOR ELECTRIC POWER THAT IS LIMITED BY THIS EASEMENT TO A MAXIMUM OF 13,000 VOLTS, AND TELEVISION AND TELEPHONE SERVICES TOGETHER WITH ALL APPURTENANCES PERTAINING THERETO, ON, UNDER AND ACROSS THOSE STRIPS OF LAND LYING BETWEEN THE SIDELINES OF THE RIGHTS OF WAY AND THE LINES DELINEATED P.U.E., LOCATED ON LOT 34.
- (C) PUBLIC EASEMENT FOR THE INGRESS AND EGRESS OF EMERGENCY VEHICLES AND UTILITY MAINTENANCE VEHICLES, TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER AND ACROSS THOSE STRIPS OF LAND SHOWN HEREON AND DESIGNATED "M.A.E." (MAINTENANCE ACCESS EASEMENT).
- (D) PUBLIC EASEMENT FOR THE INSTALLATION AND MAINTENANCE OF A BUS SHELTER TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER AND ACROSS THAT STRIP OF LAND SHOWN HEREON AND DESIGNATED "BUS SHELTER EASEMENT".
- (E) A PUBLIC EASEMENT FOR PEDESTRIAN / BICYCLE ACCESS AND THE INSTALLATION, REPAIR, REMOVAL OR REPLACEMENT OF LANDSCAPING TOGETHER WITH ANY AND ALL APPURTENANCES THERETO, ON, OVER, UNDER AND ACROSS THOSE STRIPS OF LAND SHOWN HEREON AND DESIGNATED "PASEO EASEMENT" (P.E.).

THE REAL PROPERTY DESCRIBED BELOW IS IRREVOCABLY DEDICATED IN FEE FOR PUBLIC PURPOSES:

- (A) AS PUBLIC RIGHT OF WAY (INCLUDING ALL IMPROVEMENTS THEREON) THE STREETS SHOWN HEREON AS SANTUCCI BOULEVARD, VISTA GRANDE BOULEVARD, WESTBROOK BOULEVARD, BRANSTON DRIVE, FEDERICO DRIVE, SIERRA GLEN DRIVE, SUMMERFAIRE DRIVE, SILVER SPRUCE DRIVE, VISTA PARK DRIVE, MARKET STREET AND THE AREAS SHOWN HEREON AS I.O.D. / R.O.W.
- (B) LOT 28 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR A FIRE STATION.
- (C) LOTS 8, 11, 13, 20, 23, 29, 30, 31, 32, 39 AND 40 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR OPEN SPACE PURPOSES.
- (D) LOTS 3, 9, 24 AND 33 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR A PARK PURPOSES.
- (E) LOT 34 SHOWN HEREON IS HEREBY RESERVED TO BE DEDICATED IN THE FUTURE AS A SCHOOL SITE.
- (F) LOT 19 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR A WATER TREATMENT/ WELL SITE.
- (G) LOT 15 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR A RECYCLING CENTER.

FEDERICO/TYLER FAMILY LIMITED PARTNERSHIP,
A CALIFORNIA LIMITED PARTNERSHIP
BY: THE JAMES A. FEDERICO AND GRACE R. FEDERICO FAMILY REVOCABLE TRUST AS AMENDED AND RESTATED IN 2005, GENERAL PARTNER

BY: Leonard A. Federico
LEONARD A. FEDERICO,
TRUSTEE OF THE JAMES A. FEDERICO AND GRACE R. FEDERICO FAMILY REVOCABLE TRUST, AS AMENDED AND RESTATED IN 2005, GENERAL PARTNER

BY: Leonard A. Federico
LEONARD A. FEDERICO,
GENERAL PARTNER

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA

COUNTY OF Fresno

ON December 21, 2017 BEFORE ME, Pauline J. Moore, Notary Public,

PERSONALLY APPEARED Leonard A. Federico
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/ THEY EXECUTED THE SAME IN HIS/HER/ THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/ THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

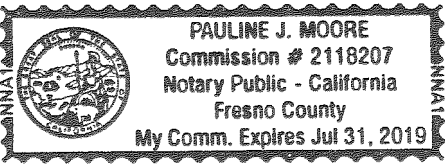
I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND and official Seal.

Pauline J. Moore Pauline J. Moore
SIGNATURE PRINTED NAME

MY PRINCIPAL PLACE OF BUSINESS IS Fresno COUNTY

MY COMMISSION EXPIRES: July 31, 2019 MY COMMISSION NUMBER: 2118207



SUBDIVISION MAP ACT SECTION 66477.5 CERTIFICATE

PURSUANT TO SECTION 66477.5 OF THE SUBDIVISION MAP ACT THE CITY OF ROSEVILLE SHALL RECONVEY LOTS 15, 19 & 28 AS DEDICATED TO THE CITY ON THE MAP OF SUBDIVISION NO. PL15-0192, SIERRA VISTA FEDERICO LARGE LOT SUBDIVISION, TO THE SUBDIVIDER NAMED BELOW IF THE CITY OF ROSEVILLE MAKES A DETERMINATION THAT THE SAME PUBLIC PURPOSE FOR WHICH THE PROPERTY WAS DEDICATED DOES NOT EXIST, OR THE PROPERTY OR ANY PORTION THEREOF IS NOT NEEDED FOR PUBLIC UTILITIES EXCEPT FOR ANY PORTION OF THE PROPERTY THAT IS REQUIRED FOR THE SAME PUBLIC PURPOSE OR PUBLIC UTILITIES.

SUBDIVIDER: FEDERICO / TYLER FAMILY LIMITED PARTNERSHIP
A CALIFORNIA LIMITED PARTNERSHIP

ADDRESS: 2144 SHEILAH WAY
SACRAMENTO, CA 95822

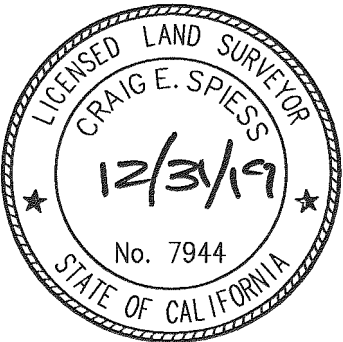
SURVEYOR'S STATEMENT

THIS FINAL MAP OF "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION" WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCES AT THE REQUEST OF MOURIER INVESTMENTS, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY AND WESTPARK SIERRA VISTA LLC, IN NOVEMBER 2016. I HEREBY STATE THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO THE APPROVED OR CONDITIONALLY APPROVED TENTATIVE MAP. ALL MONUMENTS SHOWN HEREON ARE OF THE CHARACTER AND WILL OCCUPY THE POSITIONS INDICATED, AND WILL BE SET BY DECEMBER 31, 2019 AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

MACKAY & SOMPS CIVIL ENGINEERS, INC.

Craig E. Spiess
CRAIG E. SPIESS, PLS 7844
EXPIRATION DATE: DECEMBER 31, 2019

DATE: 12/14/17



CITY ENGINEER'S STATEMENT

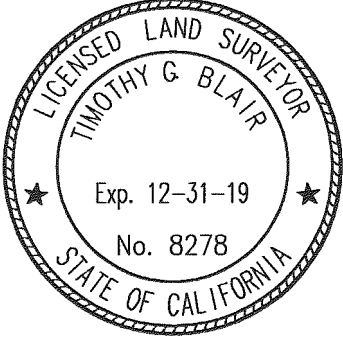
I HEREBY STATE THAT I HAVE EXAMINED THIS FINAL MAP OF "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION" AND FIND IT TO BE SUBSTANTIALLY THE SAME AS THE TENTATIVE MAP ON FILE AND ANY APPROVED ALTERATIONS THEREOF; THAT ALL PROVISIONS OF THE SUBDIVISION MAP ACT AND ALL APPLICABLE CITY ORDINANCES HAVE BEEN COMPLIED WITH.

Marc Stout DATE: 1/10/18
MARC STOUT, R.C.E. 69879
CITY ENGINEER, CITY OF ROSEVILLE
LICENSE EXPIRES: SEPTEMBER 30, 2018

I HEREBY STATE THAT I AM SATISFIED THIS THIS FINAL MAP OF "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION" IS TECHNICALLY CORRECT.

FOR MARC STOUT, CITY ENGINEER, CITY OF ROSEVILLE

Timothy G. Blair DATE: 1/10/18
TIMOTHY G. BLAIR, PLS 8278
EXPIRES DECEMBER 31, 2019



CITY CLERK'S STATEMENT

I HEREBY CERTIFY THAT THE CITY COUNCIL, CITY OF ROSEVILLE, HAS APPROVED THIS FINAL MAP OF "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION", AND HAS ACCEPTED ON BEHALF OF THE PUBLIC, SUBJECT TO IMPROVEMENT, THE EASEMENTS OFFERED HEREON FOR DEDICATION IN ACCORDANCE WITH THE TERMS OF THAT OFFER. THE CITY COUNCIL REJECTS AT THIS TIME, BUT RESERVES THE RIGHT TO ACCEPT AT A LATER DATE, ON BEHALF OF THE PUBLIC ALL IRREVOCABLE OFFERS OF DEDICATION IN ACCORDANCE WITH THE TERMS OF THOSE OFFERS AND DOES ALSO HEREBY APPROVE THE ABANDONMENT OF THE IRREVOCABLE OFFERS OF DEDICATION AND EASEMENT LISTED HEREON WITHIN NOTE 5 ON SHEET 4.

CITY CLERK, CITY OF ROSEVILLE
DATE: 011118
BY: Assistant City Clerk
ASSISTANT CITY CLERK

RECORDER'S STATEMENT

FILED THIS 16th DAY OF February, 2018, AT 9:36 A.M. IN BOOK EE OF MAPS, AT PAGE 6, IN THE OFFICE OF THE PLACER COUNTY RECORDER, AT THE REQUEST OF MACKAY & SOMPS CIVIL ENGINEERS, INC.

Ryan Ronco DOCUMENT NO.: 2018-0010061
RECORDER OF PLACER COUNTY
STATE OF CALIFORNIA

BY: A. Mch FEE: \$ 149.00
DEPUTY

FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

THE SOUTH 1056 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

CITY OF ROSEVILLE • PLACER COUNTY • CALIFORNIA

JANUARY 2018

Mackay & Somps
ENGINEERS PLANNERS SURVEYORS
1552 Eureka Road, Suite 100, Roseville, CA 95661 (916) 773-1189

SHEET 1 OF 23 18254.FED

OWNER'S STATEMENT CONTINUED

BY: Anna J. Starks
ANNA J. STARKS,
GENERAL PARTNER
Federico/Tyler Family Limited Partnership

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA
COUNTY OF SACRAMENTO
ON JAN 4, 2018 BEFORE ME, SANDRA LESSARD, NOTARY PUBLIC
PERSONALLY APPEARED ANNA J. STARKS
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.
I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.
WITNESS MY HAND and Official Seal.
Sandra Lessard SANDRA LESSARD
SIGNATURE PRINTED NAME
MY PRINCIPAL PLACE OF BUSINESS IS PLACER COUNTY
MY COMMISSION EXPIRES: OCT 18, 2020 MY COMMISSION NUMBER: 2165215

BY: Gary J. Federico
GARY J. FEDERICO
GENERAL PARTNER
Federico/Tyler Family Limited Partnership

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA
COUNTY OF SACRAMENTO
ON JAN 4, 2018 BEFORE ME, SANDRA LESSARD, NOTARY PUBLIC
PERSONALLY APPEARED GARY J. FEDERICO
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.
I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.
WITNESS MY HAND and Official Seal.
Sandra Lessard SANDRA LESSARD
SIGNATURE PRINTED NAME
MY PRINCIPAL PLACE OF BUSINESS IS PLACER COUNTY
MY COMMISSION EXPIRES: OCT 18, 2020 MY COMMISSION NUMBER: 2165215

BY: Janet M. Wright
JANET M. WRIGHT,
GENERAL PARTNER
Federico/Tyler Family Limited Partnership

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA
COUNTY OF SACRAMENTO
ON JAN 4, 2018 BEFORE ME, SANDRA LESSARD, NOTARY PUBLIC
PERSONALLY APPEARED JANET M. WRIGHT
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.
I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.
WITNESS MY HAND and Official Seal.
Sandra Lessard SANDRA LESSARD
SIGNATURE PRINTED NAME
MY PRINCIPAL PLACE OF BUSINESS IS PLACER COUNTY
MY COMMISSION EXPIRES: OCT 18, 2020 MY COMMISSION NUMBER: 2165215

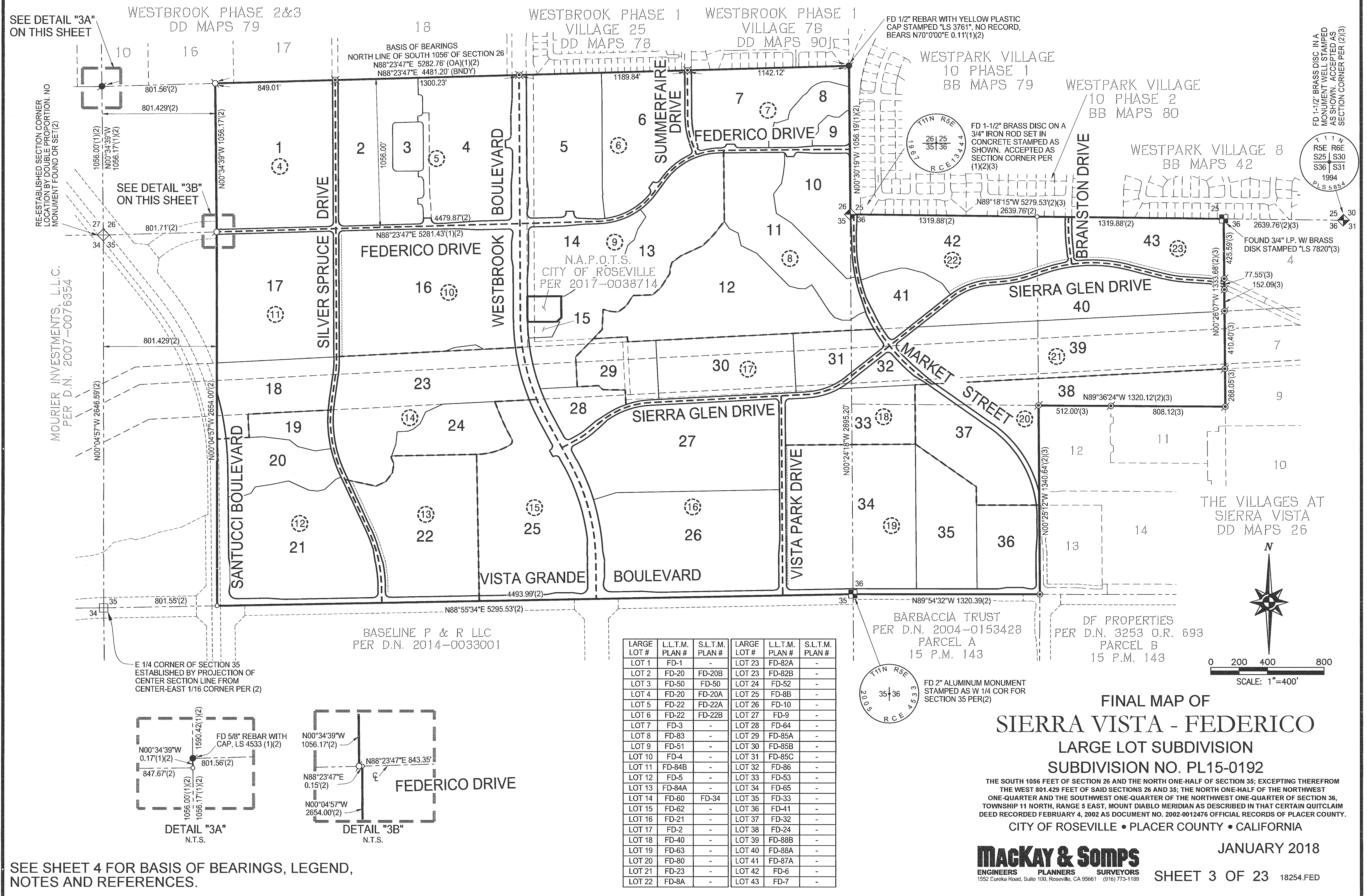
FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

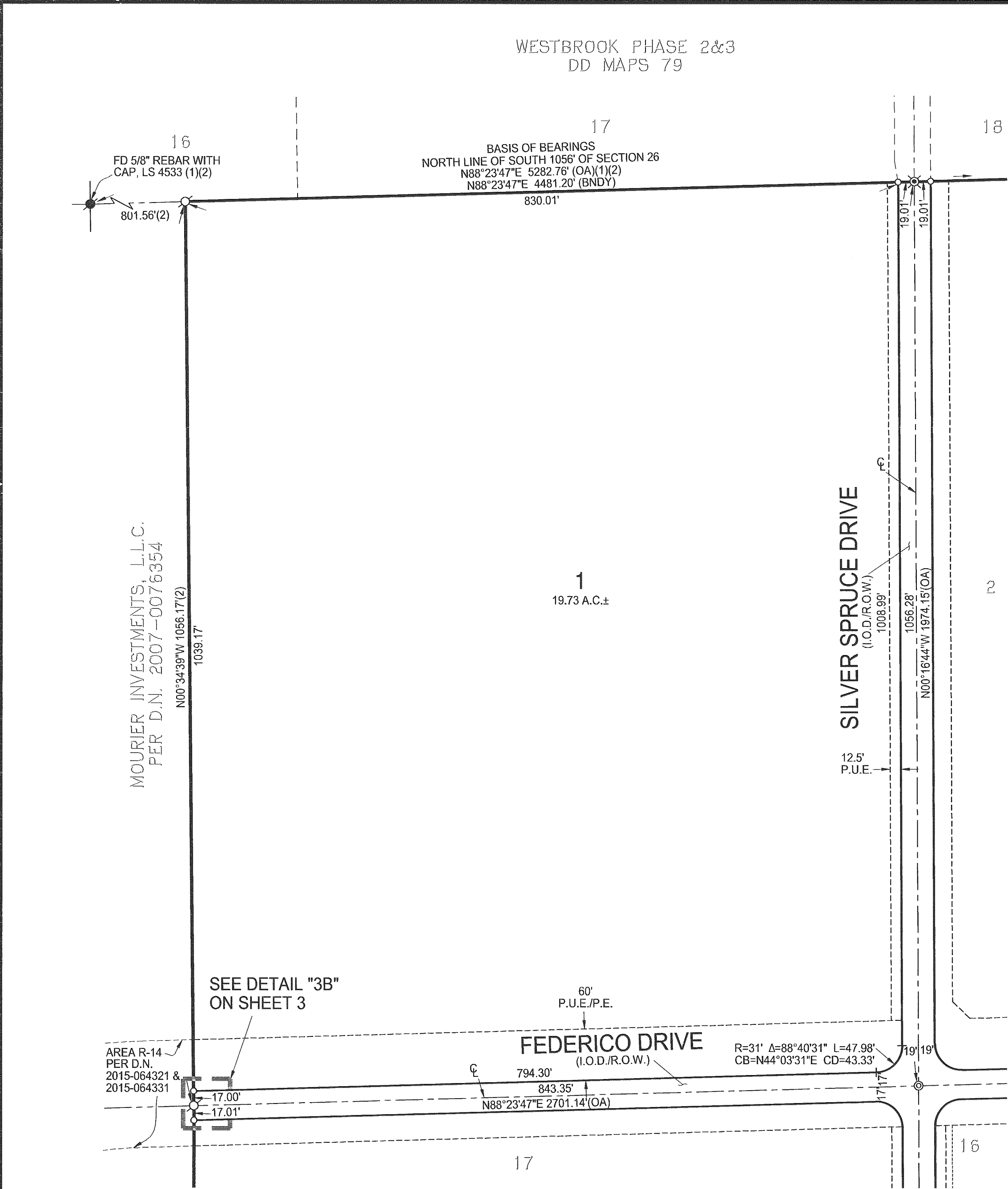
THE SOUTH 1056 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

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JANUARY 2018





LEGEND

- FOUND SECTION CORNER AS NOTED
- SECTION CORNER, NO MONUMENT FOUND OR SET
- FOUND QUARTER SECTION CORNER AS NOTED
- QUARTER SECTION CORNER, NO MONUMENT FOUND OR SET
- FOUND MONUMENT AS NOTED
- FOUND 2" DISC STAMPED "LS 7820" IN STANDARD CITY OF ROSEVILLE MONUMENT WELL.(3)
- FOUND COPPERWELD SURVEY MONUMENT WITH CENTER PUNCH IN MONUMENT WELL STAMPED "LS 7944"
- FOUND 3/4" IRON PIPE W/ BRASS DISC STAMPED "LS 7820"(3)
- SET COPPERWELD SURVEY MONUMENT WITH CENTER PUNCH IN MONUMENT WELL STAMPED "LS 7944"
- SET 3/4" IRON PIPE WITH PLASTIC PLUG STAMPED "LS 7944"
- DIMENSION POINT (NOTHING FOUND OR SET)
- AC. ACRES
- CB CHORD BEARING
- CD CHORD DISTANCE
- CL CENTERLINE
- D.N. DOCUMENT NUMBER
- E.E. ELECTRICAL EASEMENT
- I.O.D. IRREVOCABLE OFFER OF DEDICATION
- I.P. IRON PIPE
- M.A.E. MAINTENANCE ACCESS EASEMENT
- NAPOTS NOT A PART OF THIS SURVEY
- (OA) OVERALL
- O.R. OFFICIAL RECORDS OF PLACER COUNTY
- P.E. PASEO EASEMENT
- P.U.E. PUBLIC UTILITY EASEMENT
- (R) RADIAL BEARING
- R.O.W. RIGHT OF WAY
- S.F. SQUARE FEET
- S.L.T.M. SMALL LOT TENTATIVE MAP
- S.M.U.D. SACRAMENTO MUNICIPAL UTILITY DISTRICT
- L.L.T.M. LARGE LOT TENTATIVE MAP
- () DENOTES RECORD INFORMATION
- (1) SHEET INDEX

NOTES:

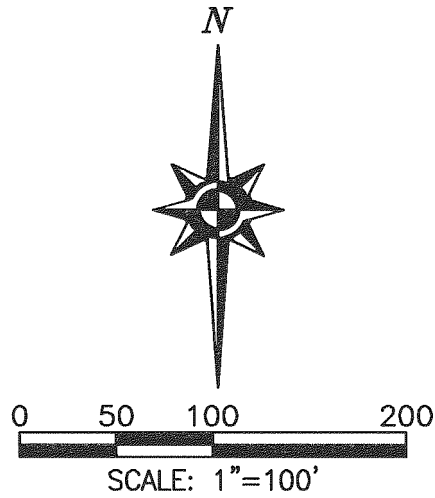
- ALL CURVES ARE DIMENSIONED WITH RADIUS, DELTA, ARC LENGTH, CHORD BEARING AND CHORD LENGTH. CHORD LENGTHS MAY CONTAIN SOME ROUNDING ERROR. ALL DISTANCES SHOWN ARE FEET AND DECIMALS THEREOF.
- TOTAL AREA FOR THIS SUBDIVISION IS 505.05± ACRES, CONSISTING OF 43 LARGE LOTS.
- THE EASEMENT FOR TEMPORARY INGRESS / EGRESS EASEMENT GRANTED TO FRANK T. CHAN, TRUST OF THE FRANK T. CHAN FAMILY TRUST U/A DATED DECEMBER 8, 2003, ET AL. IN DEED RECORDED AUGUST 13, 2015, AS INSTRUMENT NO. 2015-0070559, OFFICIAL RECORDS OF PLACER COUNTY IS FULLY CONTAINED IN THE RIGHT OF WAY SHOWN HEREON.
- THE CITY WILL NOT BE MAINTAINING LANDSCAPING ON LOTS 14, 34 & 37 SHOWN HEREON.
- PURSUANT TO SECTION 66499.20.2 OF THE GOVERNMENT CODE, THE LANDS SHOWN HEREON, ARE HEREBY MERGED AND RESUBDIVIDED, AND THE FOLLOWING IRREVOCABLE OFFERS OF DEDICATION AND DRAINAGE EASEMENT THAT AFFECT THIS MAP ARE HEREBY ABANDONED:
 - A. AREA R-1, R-2, R-3, R-9, R-10, R-13, R-14, R-15 AND R-16 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064322, OFFICIAL RECORDS PLACER COUNTY.
 - B. AREA O-7, O-8, O-9, O-10, O-11, O-12 AND O-13 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064322, OFFICIAL RECORDS PLACER COUNTY.
 - C. AREA PQP-2, PQP-3, PQP-4 AND PQP-5 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064322, OFFICIAL RECORDS PLACER COUNTY.
 - D. AREA E-6, E-7, E-8, E-12, E-17 AND E-19 AS DESCRIBED IN THAT CERTAIN EASEMENT RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064332, OFFICIAL RECORDS PLACER COUNTY.
 - E. AREA R-1, R-2, R-3, R-9, R-10, R-13, R-14, R-15 AND R-16 AS DESCRIBED IN THAT CERTAIN EASEMENT RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064332, OFFICIAL RECORDS PLACER COUNTY.
 - F. A PORTION OF THAT CERTAIN DRAINAGE EASEMENT SHOWN AS SHOWN PARCEL 2 AND DESCRIBED IN EXHIBIT "B-1 AS DESCRIBED IN THAT CERTAIN GRANT OF EASEMENT RECORDED NOVEMBER 14, 2006 IN DOCUMENT NO. 2006-0122389, OFFICIAL RECORDS PLACER COUNTY, NOT SHOWN WITHIN LOT 7.

BASIS OF BEARINGS:

THE BEARING N 88°23'47" E, BEING THE NORTH LINE OF THE SOUTH 1056.00' OF SECTION 26 AS SHOWN ON THAT CERTAIN RECORD OF SURVEY ENTITLED "RECORD OF SURVEY NO. 3221" RECORDED JULY 24, 2015 IN BOOK 22 OF SURVEYS, AT PAGE 135, PLACER COUNTY RECORDS. DISTANCES SHOWN HEREON ARE GROUND DISTANCES.

REFERENCES:

- CC MAPS 85
- 22 R.S. 135
- DD MAPS 26
- DOC. NO. 2017-0038714



FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

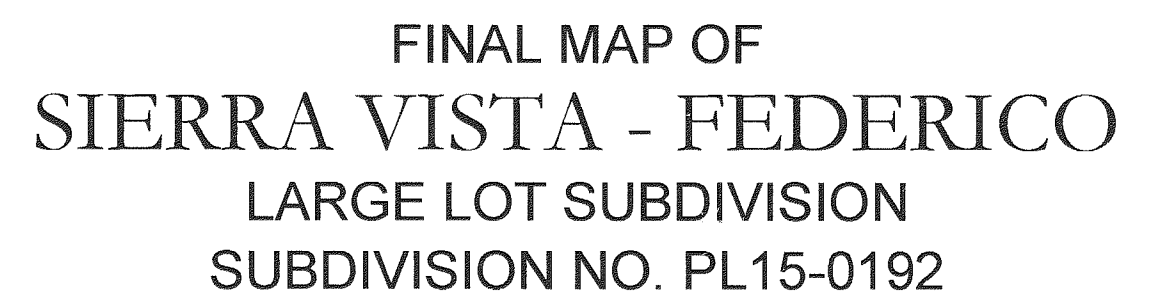
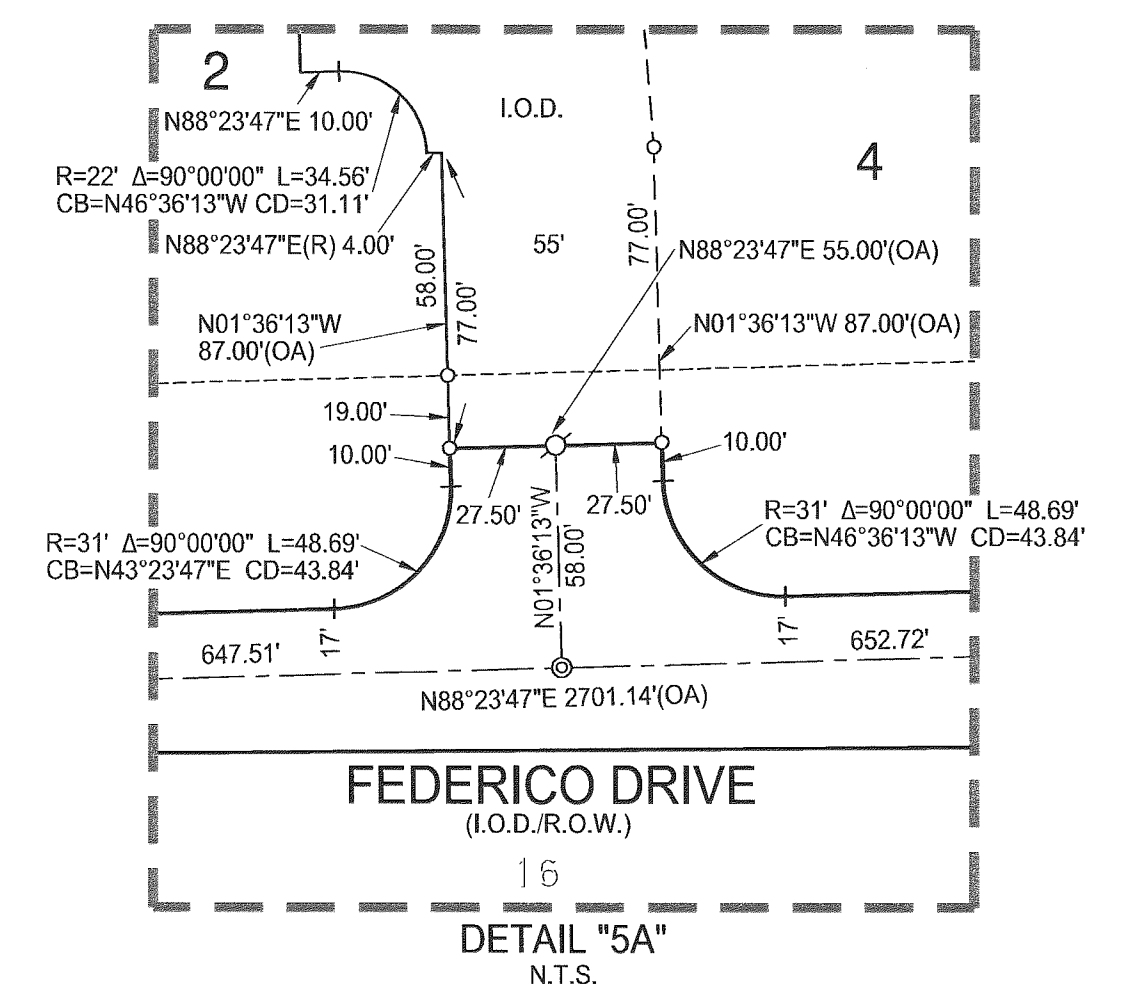
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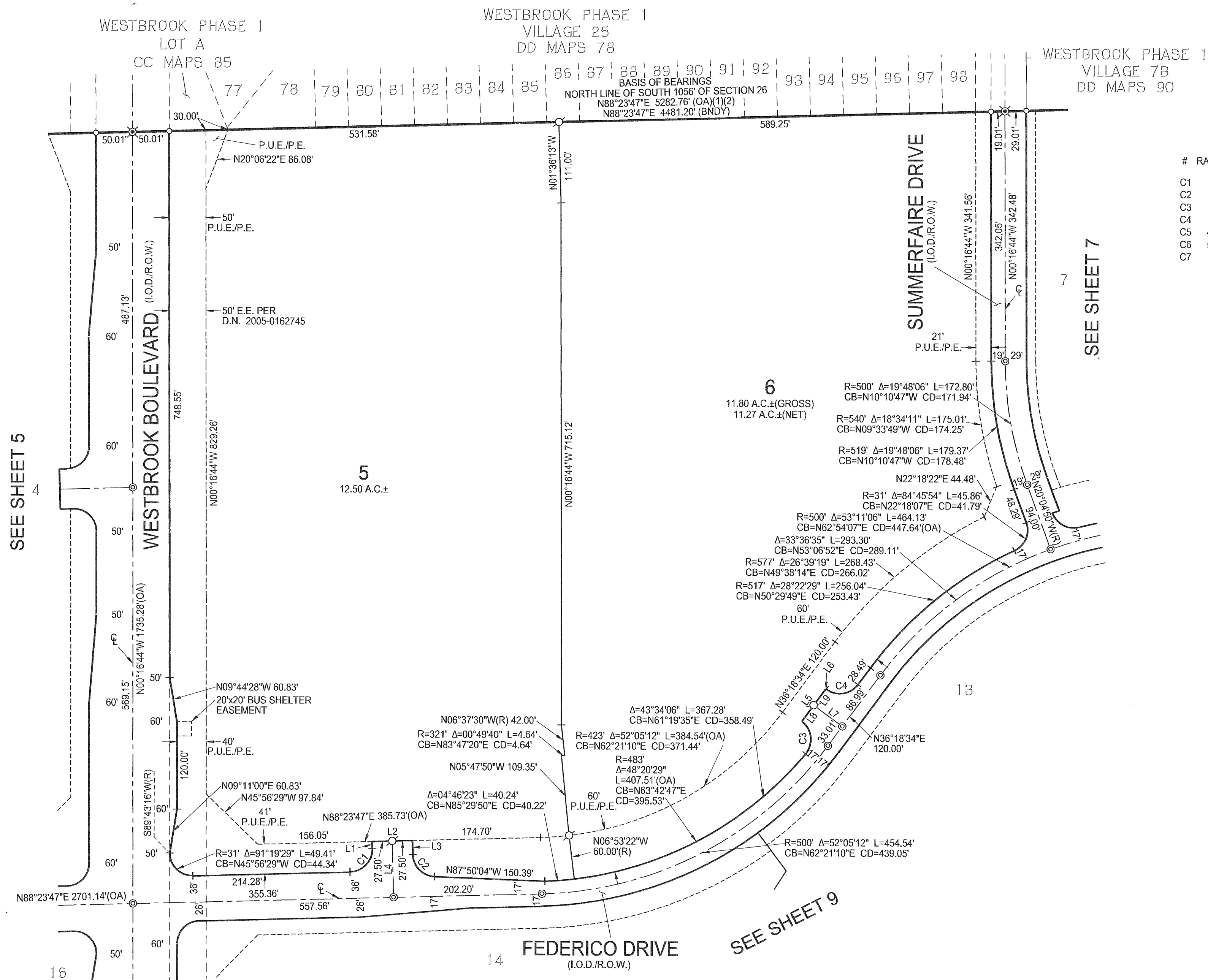


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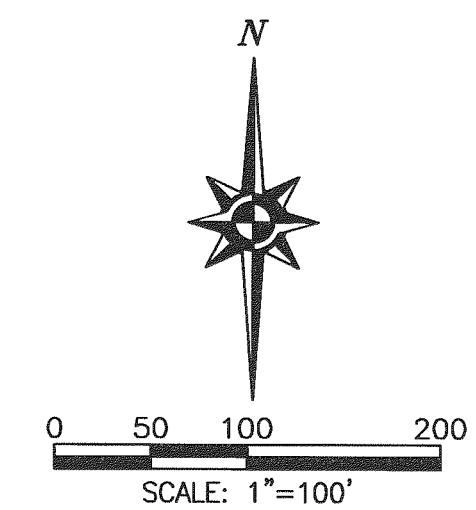
SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND,
NOTES AND REFERENCES.



CURVE TABLE					
#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	31'	90°00'00"	48.69'	N43°23'47"E	43.84'
C2	31'	86°13'51"	46.66'	N44°43'09"W	42.38'
C3	31'	93°13'58"	50.44'	N07°04'27"W	45.06'
C4	31'	90°00'00"	48.69'	N81°18'34"E	43.84'
C5	479'	02°26'51"	20.46'	N08°53'46"W	20.46'
C6	517'	01°06'30"	10.00'	N08°13'35"W	10.00'
C7	22'	97°54'34"	37.59'	N04°10'27"E	33.18'

LINE TABLE

#	BEARING	LENGTH
L1	N01°36'13"W	10.00'
L2	N88°23'47"E	55.00'
L3	N01°36'13"W	19.16'
L4	N01°36'13"W	77.00'
L5	N36°18'34"E(R)	55.00'
L6	N53°41'26"W	0.72'
L7	N53°41'26"W	48.72'
L8	N36°18'34"E(R)	29.50'
L9	N36°18'34"E	29.50'



FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

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SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND,
NOTES AND REFERENCES.

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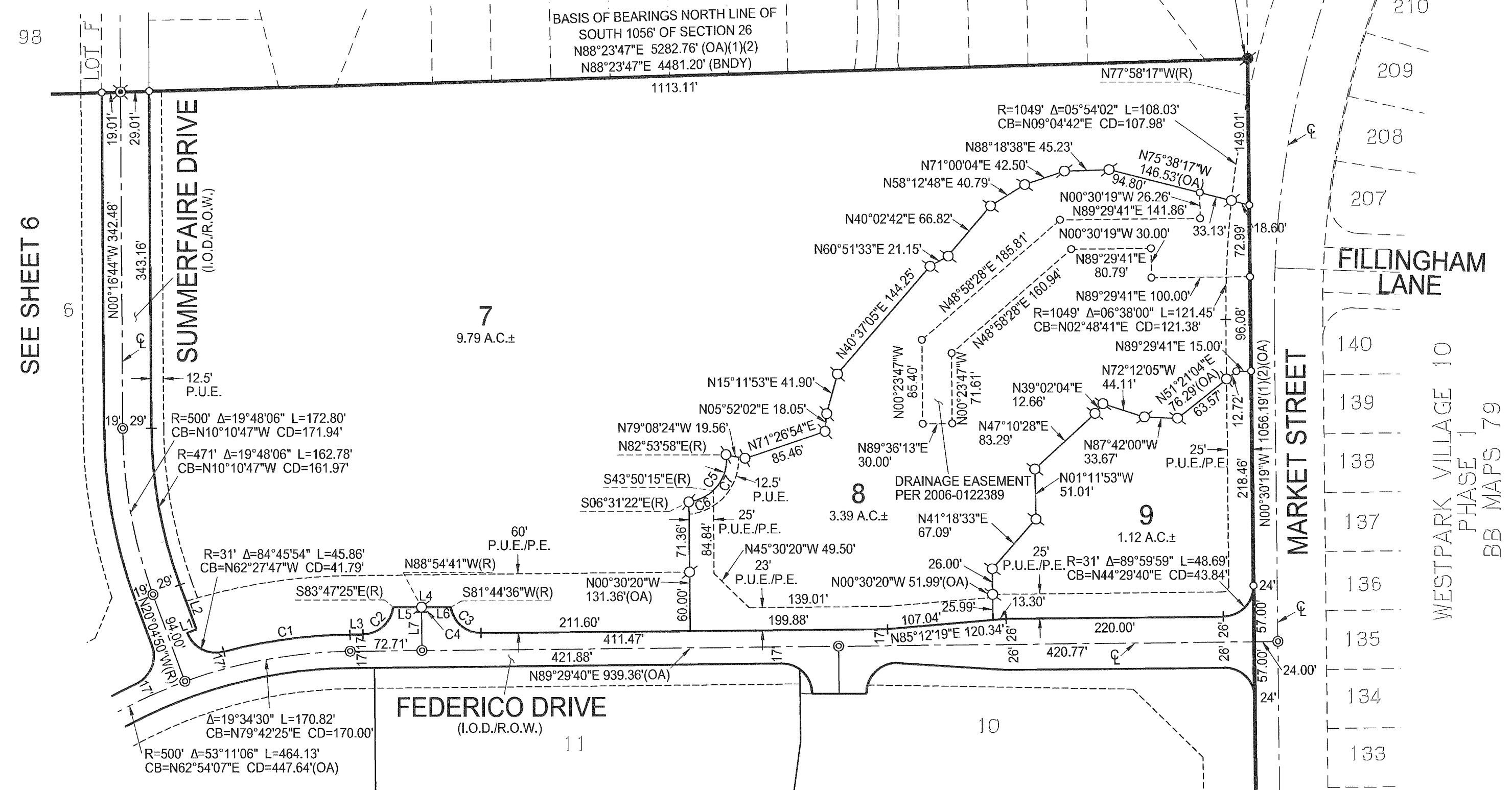
JANUARY 2018

SHEET 6 OF 23 18254.FED

WESTBROOK PHASE 1
VILLAGE 25
DD MAPS 78

WESTBROOK PHASE 1
VILLAGE 7B
CC MAPS 90

FD 1/2" REBAR WITH YELLOW
PLASTIC CAP STAMPED "LS 3761",
NO RECORD, N70°E 0.11'(1)(2)

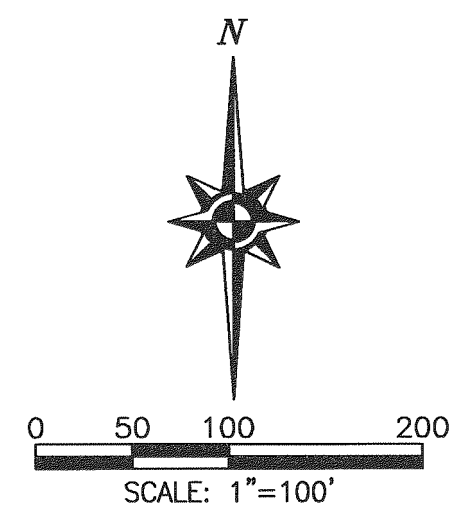


CURVE TABLE

#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	517'	14°20'24"	129.40'	N82°19'28"E	129.06'
C2	31'	83°17'05"	45.06'	N47°51'07"E	41.20'
C3	31'	82°14'56"	44.50'	N49°22'52"W	40.78'
C4	250'	00°34'59"	2.54'	N00°47'50"W	2.54'
C5	43'	90°34'40"	67.98'	N38°11'18"E	61.12'
C6	43'	37°18'53"	28.00'	N64°49'12"E	27.51'
C7	43'	53°15'48"	39.97'	N19°31'52"E	38.55'

LINE TABLE

#	BEARING	LENGTH
L1	N69°55'10"E(R)	10.00'
L2	N20°04'50"W	48.29'
L3	N89°29'40"E	13.18'
L4	N89°57'30"W	58.20'
L5	N89°57'30"W	28.73'
L6	N89°57'30"W	29.47'
L7	N00°30'20"W	41.56'



FINAL MAP OF
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LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

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SHEET 7 OF 23 18254.FED

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

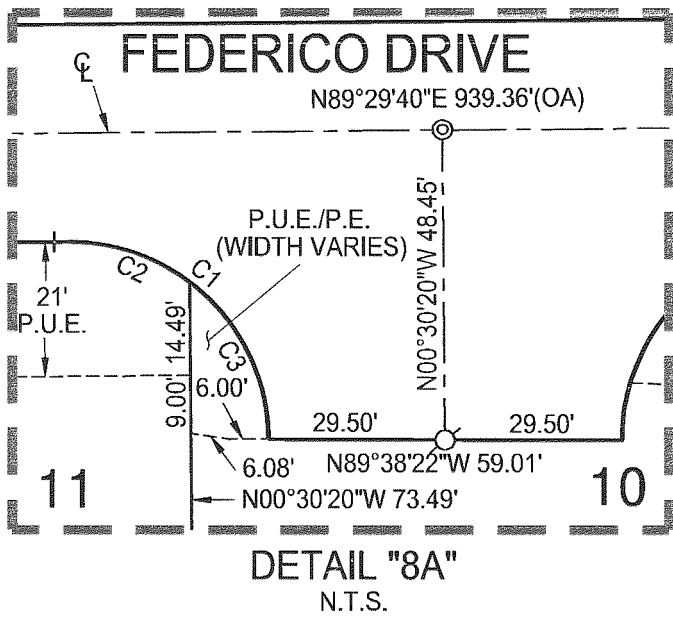
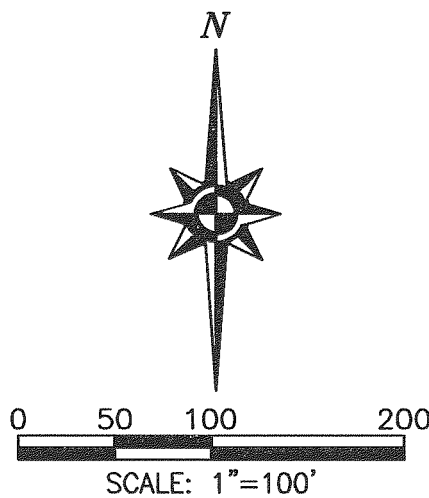
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JANUARY 2018
SHEET 8 OF 23 18254.FED

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND,
NOTES AND REFERENCES.



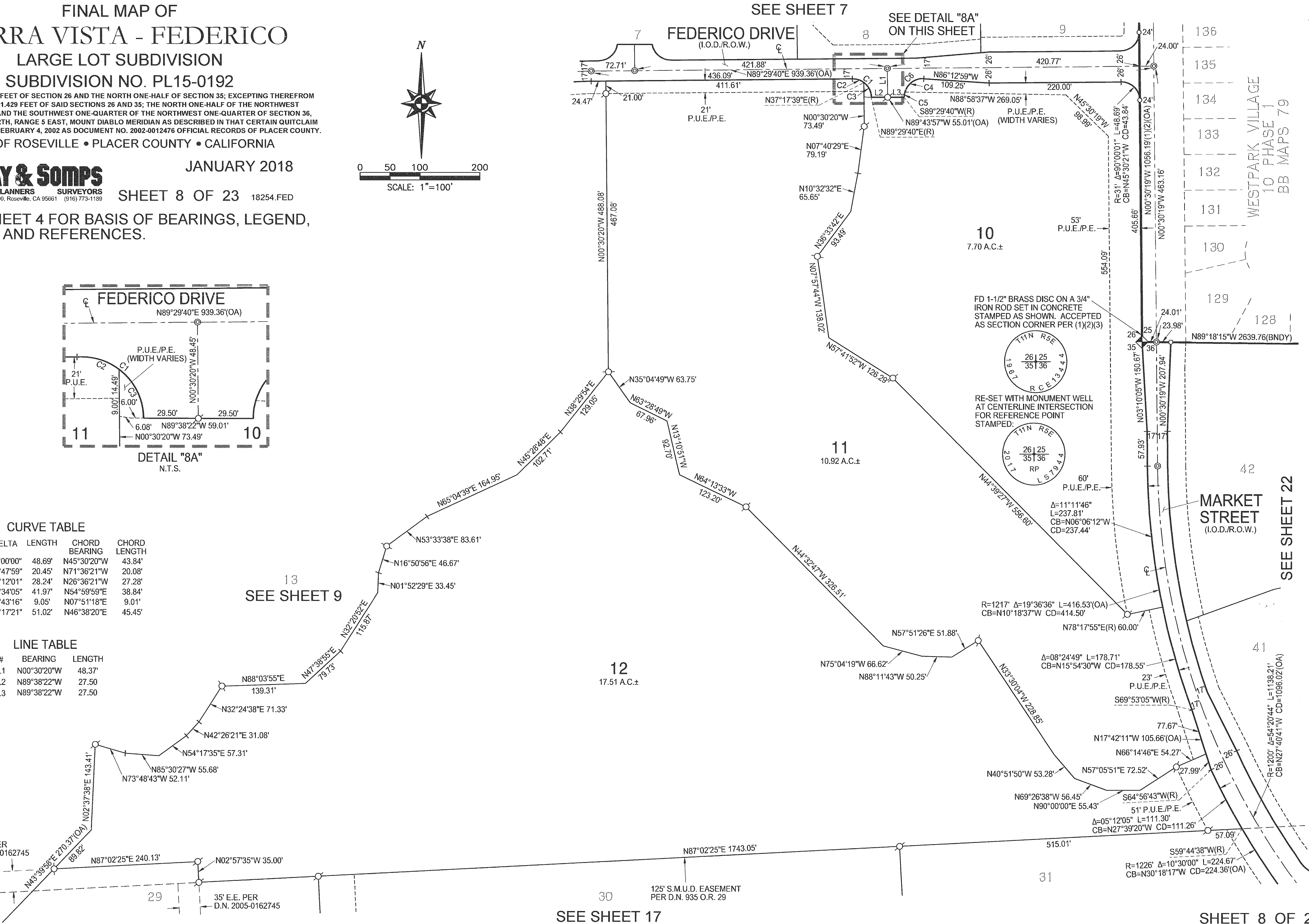
CURVE TABLE

#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	31'	90°00'00"	48.69'	N45°30'20"W	43.84'
C2	31'	37°47'59"	20.45'	N71°36'21"W	20.08'
C3	31'	52°12'01"	28.24'	N26°36'21"W	27.28'
C4	31'	77°34'05"	41.97'	N54°59'59"E	38.84'
C5	31'	16°43'16"	9.05'	N07°51'18"E	9.01'
C6	31'	94°17'21"	51.02'	N46°38'20"E	45.45'

LINE TABLE

#	BEARING	LENGTH
L1	N00°30'20"W	48.37'
L2	N89°38'22"W	27.50'
L3	N89°38'22"W	27.50'

SEE SHEET 9



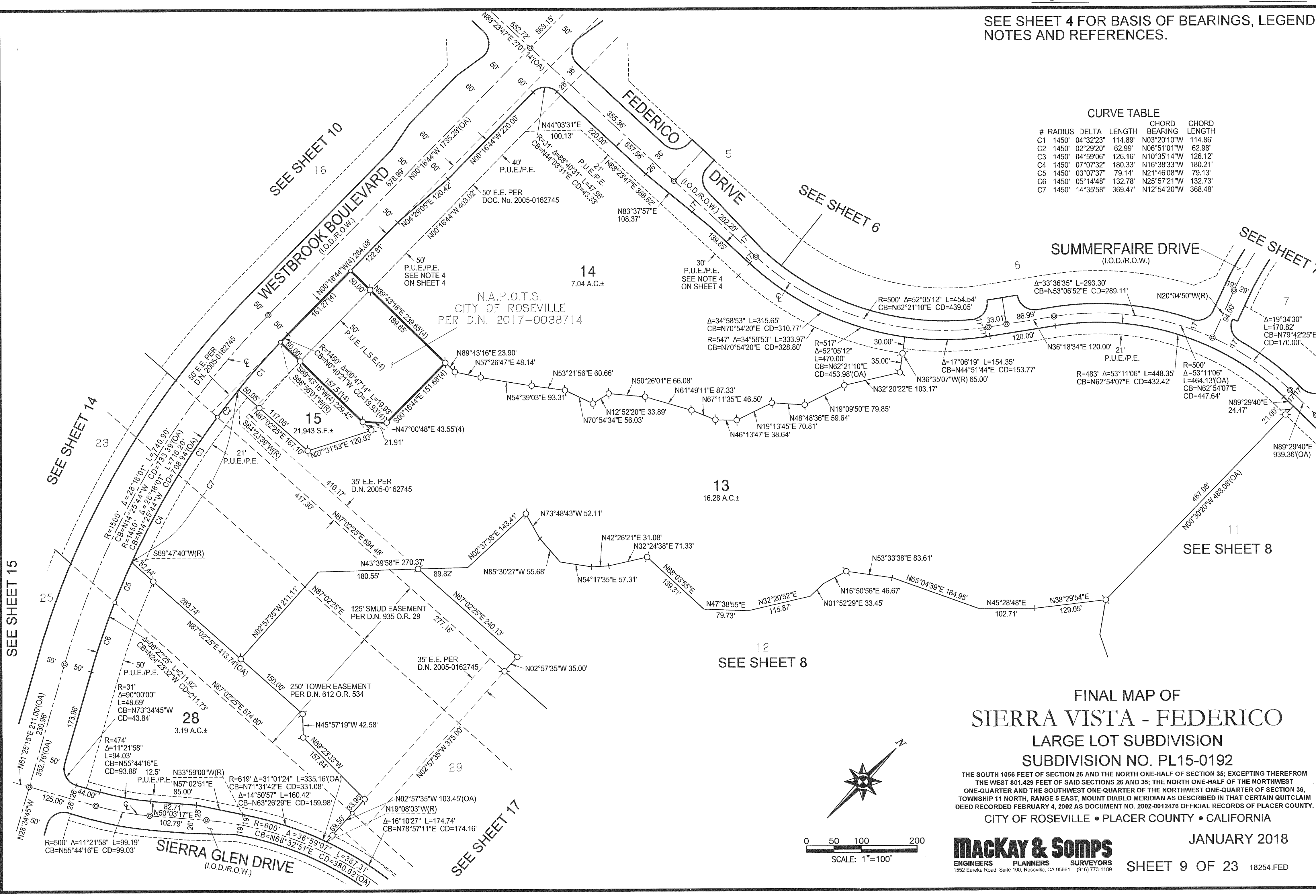
SEE SHEET 17

SHEET 8 OF 23

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

CURVE TABLE

#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	1450'	04°32'23"	114.89'	N03°20'10"W	114.86'
C2	1450'	02°29'20"	62.99'	N06°51'01"W	62.98'
C3	1450'	04°59'06"	126.16'	N10°35'14"W	126.12'
C4	1450'	07°07'32"	180.33'	N16°38'33"W	180.21'
C5	1450'	03°07'37"	79.14'	N21°46'08"W	79.13'
C6	1450'	05°14'48"	132.78'	N25°57'21"W	132.73'
C7	1450'	14°35'58"	369.47'	N12°54'20"W	368.48'



FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

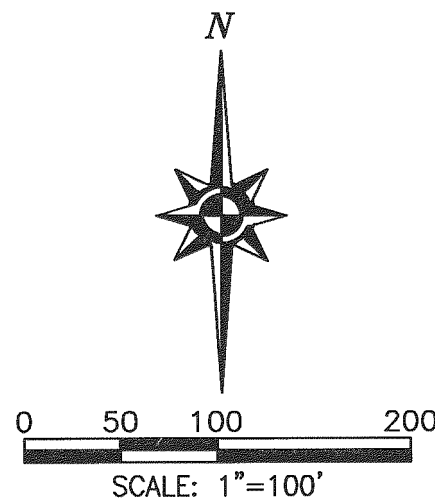
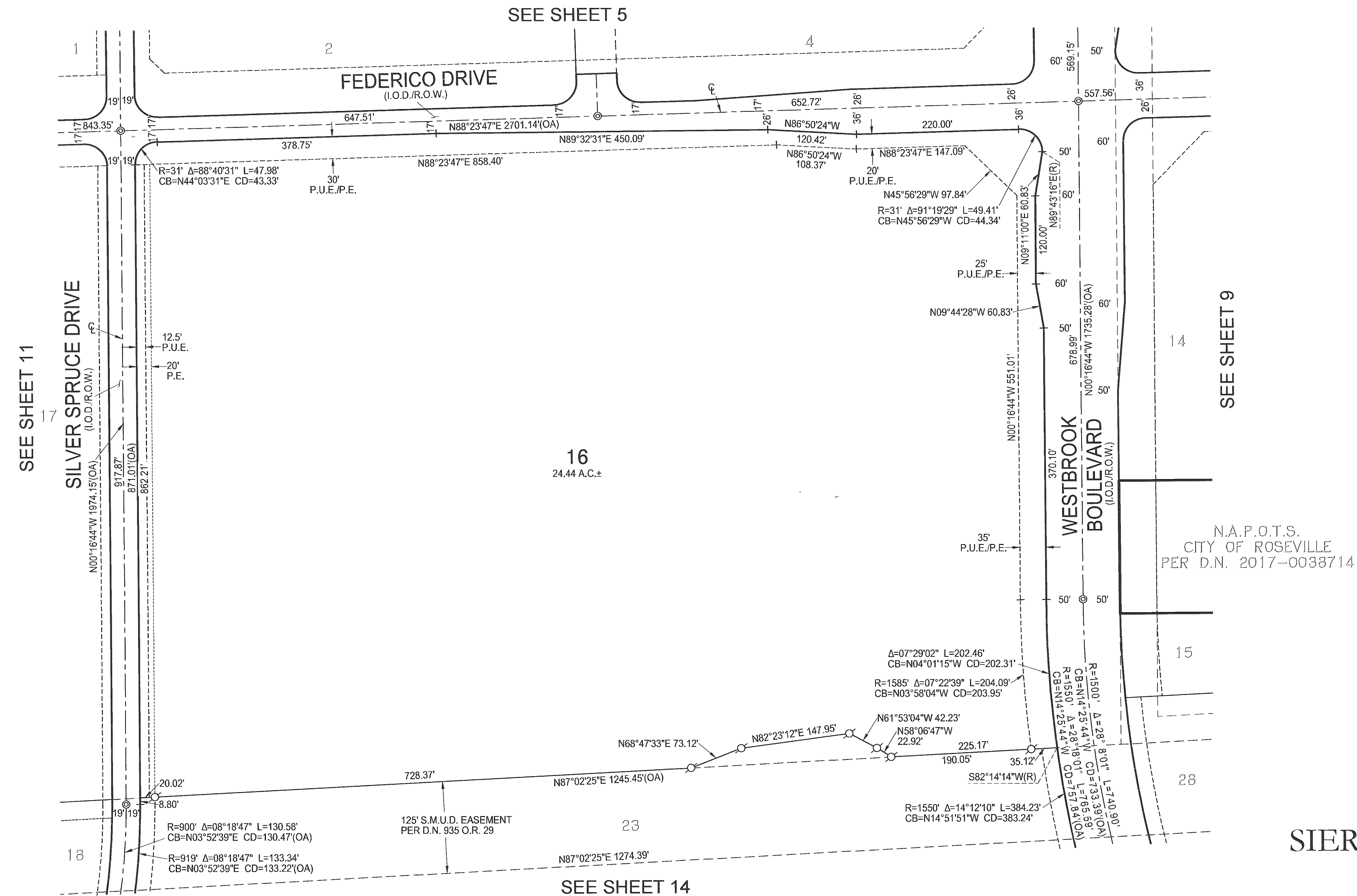
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FINAL MAP OF
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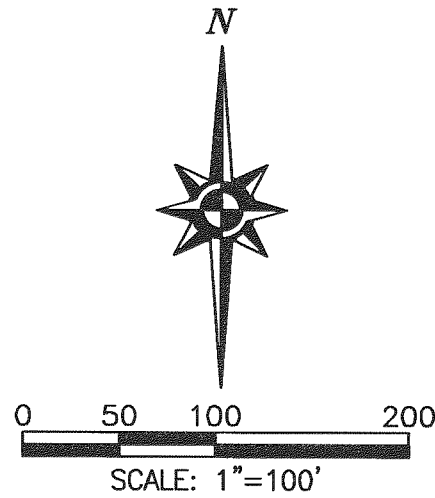
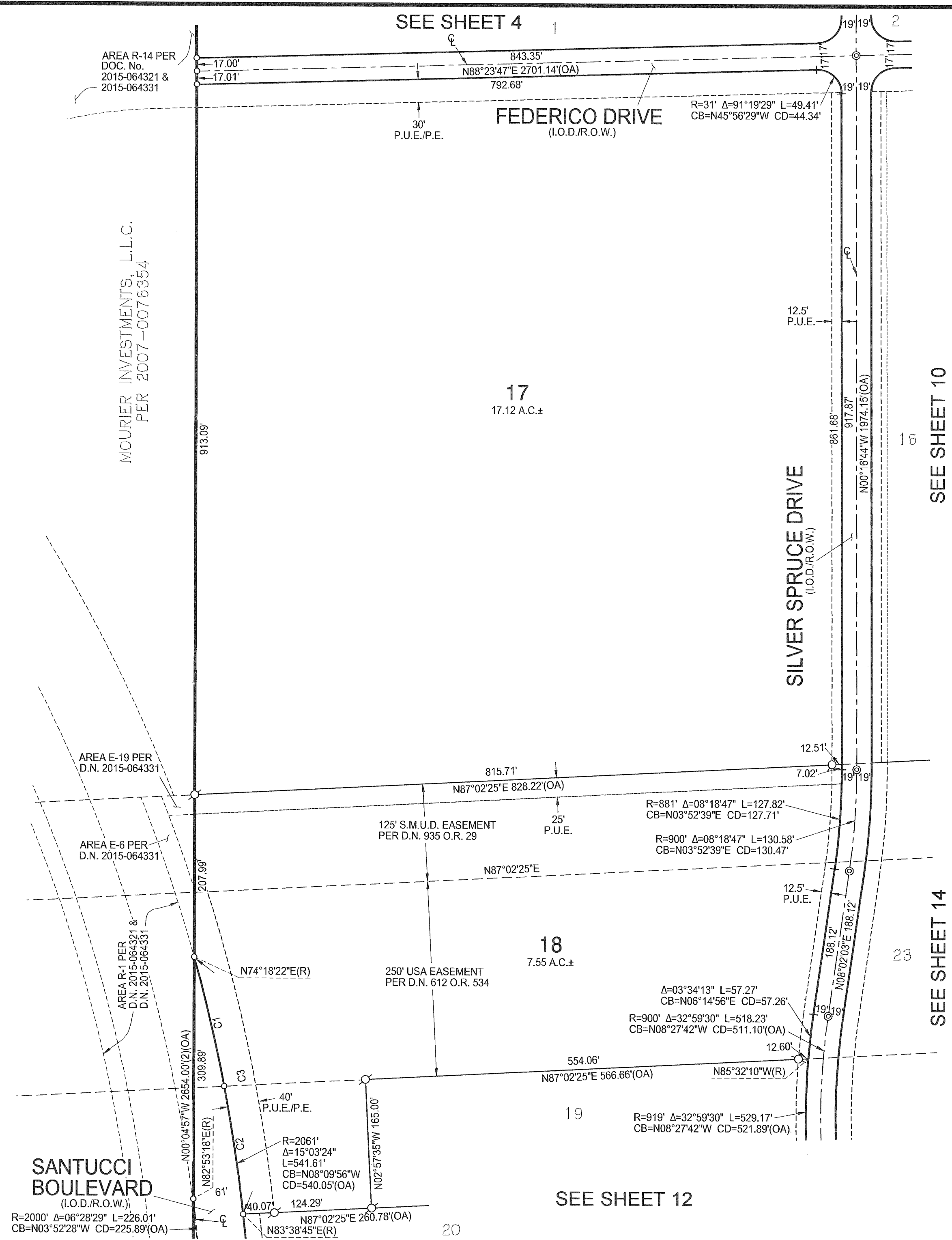
SHEET 10 OF 23 18254.FED

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

CURVE TABLE

#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	2061'	04°36'40"	165.86'	N08°39'35"W	165.82'
C2	2061'	04°43'44"	170.10'	N13°19'46"W	170.05'
C3	2061'	09°20'23"	335.96'	N11°01'26"W	335.59'



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SHEET 11 OF 23 18254.FED

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CURVE TABLE

#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	2061'	04°36'40"	165.86'	N08°39'35"W	165.82'

E 1/4 CORNER OF SECTION 35
ESTABLISHED BY PROJECTION OF
CENTER SECTION LINE FROM
CENTER-EAST 1/16 CORNER PER (2)

34

35

801.55'(2)

AREA R-1 PER
D.N. 2015-064318 &
D.N. 2015-064325

AREA R-1 PER
D.N. 2015-064321 &
D.N. 2015-064331

AREA R-9 PER
D.N. 2015-064318 &
D.N. 2015-064325

AREA R-1 PER
D.N. 2015-064318 &
D.N. 2015-064325

AREA R-1 PER
D.N. 2015-064318 &
D.N. 2015-064325

AREA R-1 PER
D.N. 2015-064318 &
D.N. 2015-064325

AREA R-1 PER
D.N. 2015-064318 &
D.N. 2015-064325

AREA R-1 PER
D.N. 2015-064318 &
D.N. 2015-064325

AREA R-1 PER
D.N. 2015-064318 &
D.N. 2015-064325

MOURIER INVESTMENTS, L.L.C.
PER D.N. 2007-0076354

N00°04'57"W 2654.00'(2)(OA)

N00°38'13"W 980.26'

N00°38'13"W 629.70'

N00°38'13"W 629.70'

N00°38'13"W 629.70'

N00°38'13"W 629.70'

N00°38'13"W 629.70'

N00°38'13"W 629.70'

N00°38'13"W 629.70'

SANTUCCI BOULEVARD
(I.O.D./R.O.W.)

SANTUCCI BOULEVARD
(I.O.D./R.O.W.)

SANTUCCI BOULEVARD
(I.O.D./R.O.W.)

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(I.O.D./R.O.W.)

SANTUCCI BOULEVARD
(I.O.D./R.O.W.)

SANTUCCI BOULEVARD
(I.O.D./R.O.W.)

N10°05'58"W 60.83'

N10°05'58"W 60.83'

N10°05'58"W 60.83'

N10°05'58"W 60.83'

N10°05'58"W 60.83'

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N10°05'58"W 60.83'

N10°05'58"W 60.83'

N10°05'58"W 60.83'

N08°49'31"E 60.83'

N08°49'31"E 60.83'

N08°49'31"E 60.83'

N08°49'31"E 60.83'

N08°49'31"E 60.83'

N08°49'31"E 60.83'

N08°49'31"E 60.83'

N08°49'31"E 60.83'

N08°49'31"E 60.83'

N08°49'31"E 60.83'

N08°49'31"E 60.83'

S89°21'47"W(R)

S89°21'47"W(R)

S89°21'47"W(R)

S89°21'47"W(R)

S89°21'47"W(R)

S89°21'47"W(R)

S89°21'47"W(R)

S89°21'47"W(R)

S89°21'47"W(R)

S89°21'47"W(R)

S89°21'47"W(R)

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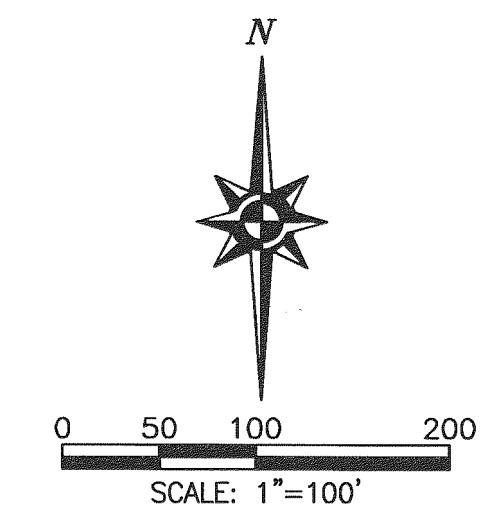
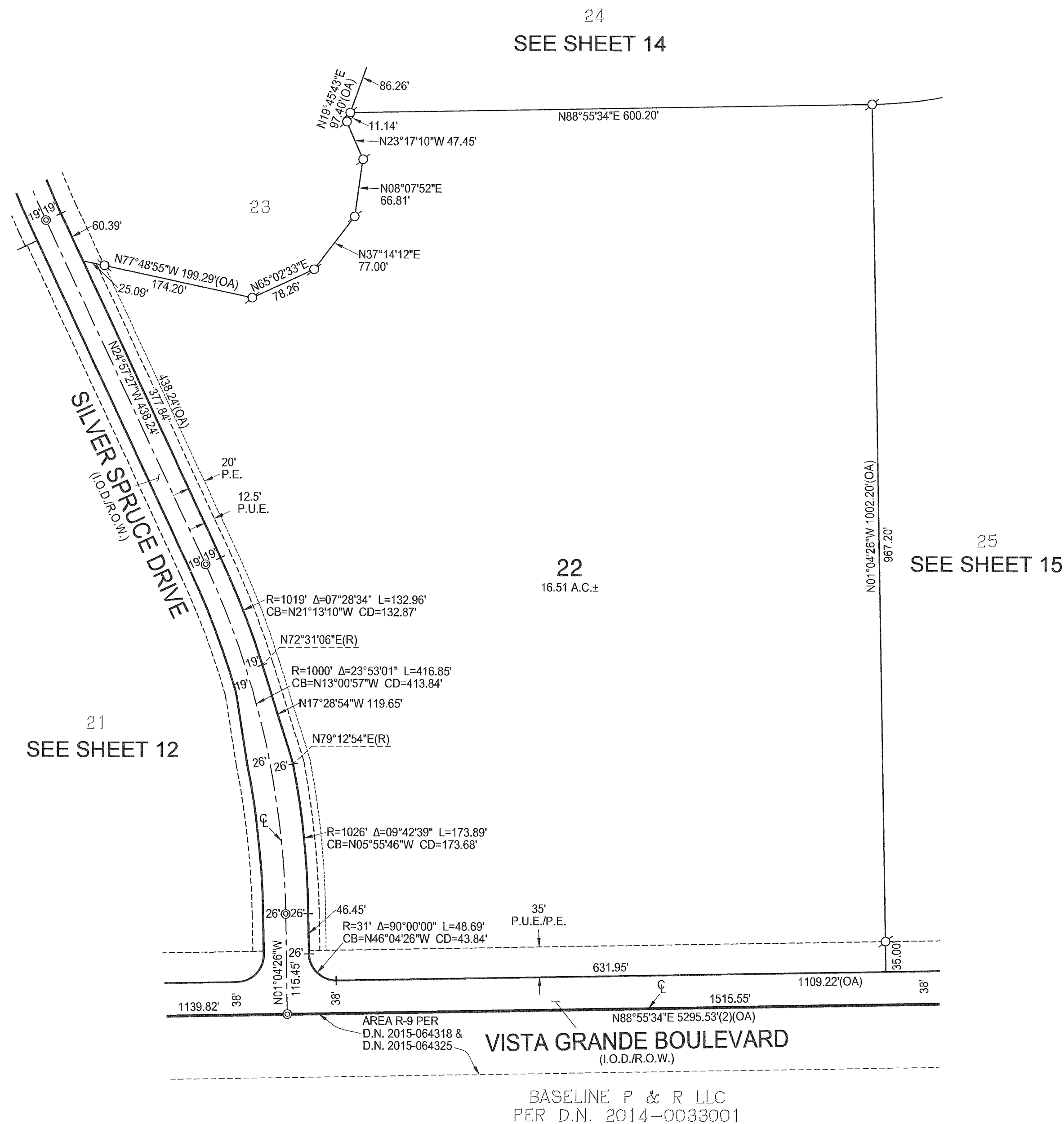
N83°01'12"W 188.20'

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N83°01'12"W 188.20'

N83°01'12"W 188.20'



FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

THE SOUTH 1056 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

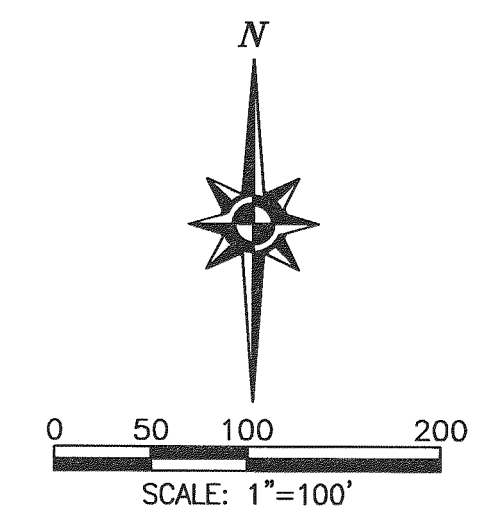
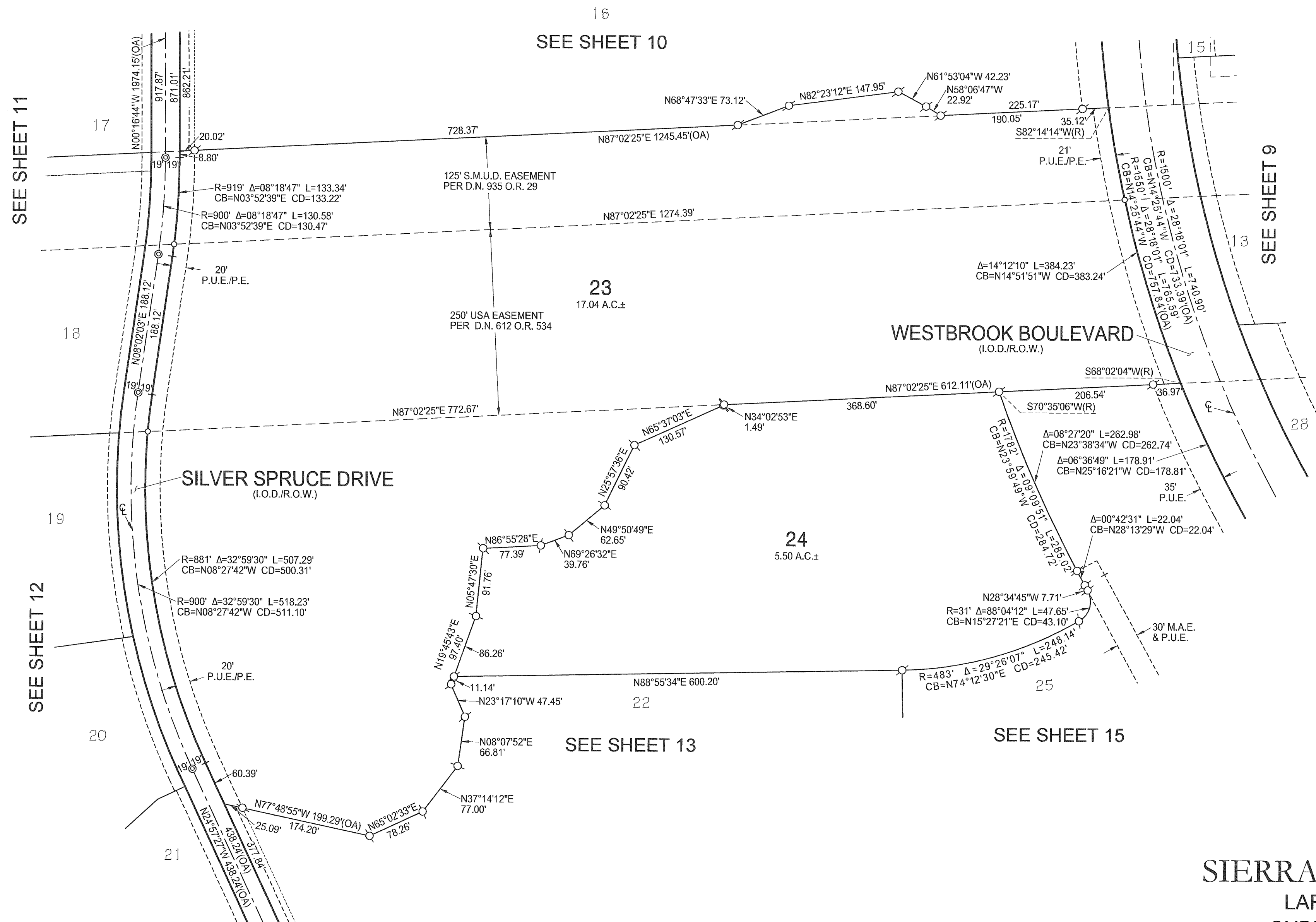
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SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND,
NOTES AND REFERENCES.

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SHEET 13 OF 23 18254.FED



FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

THE SOUTH 1056 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

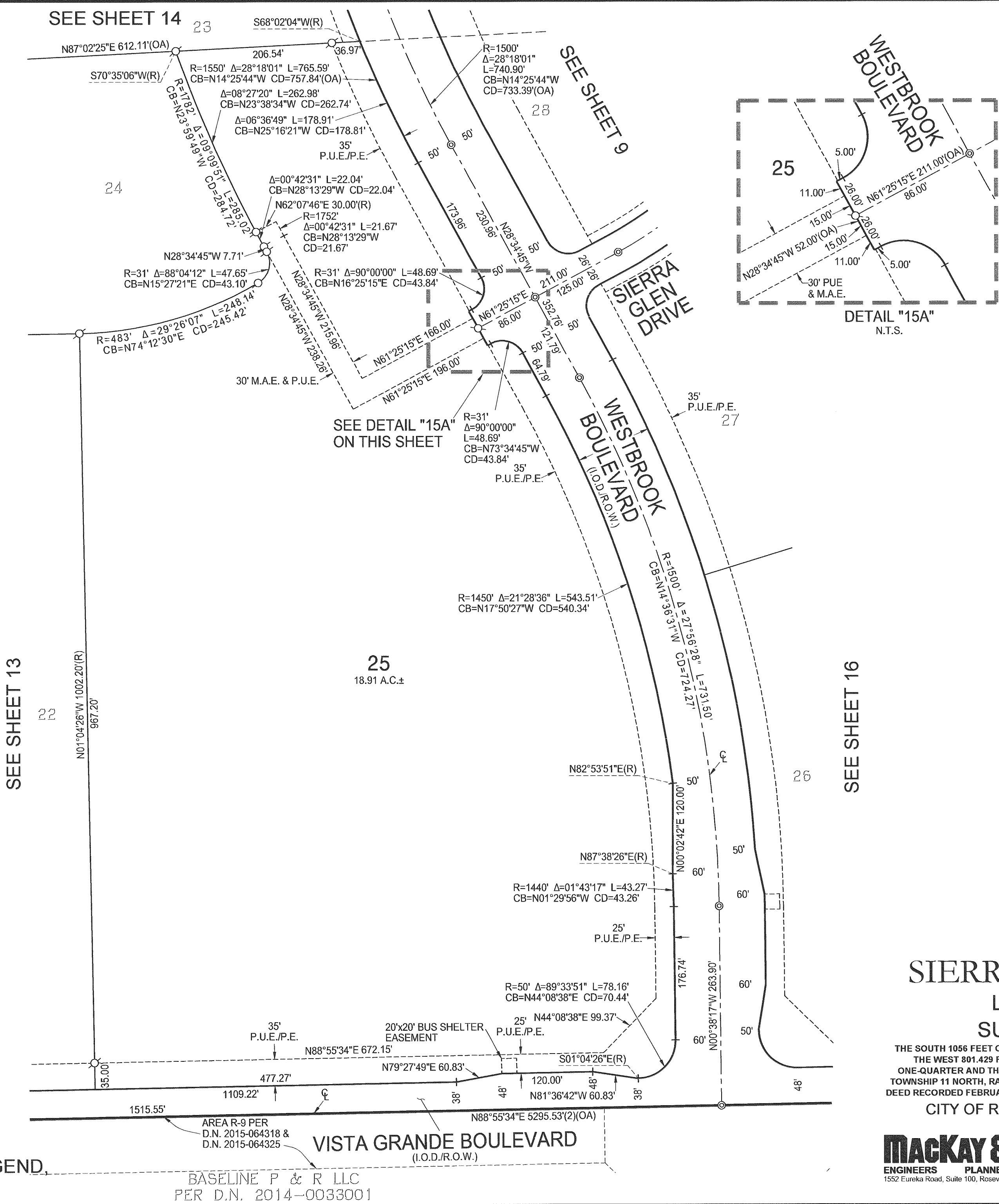
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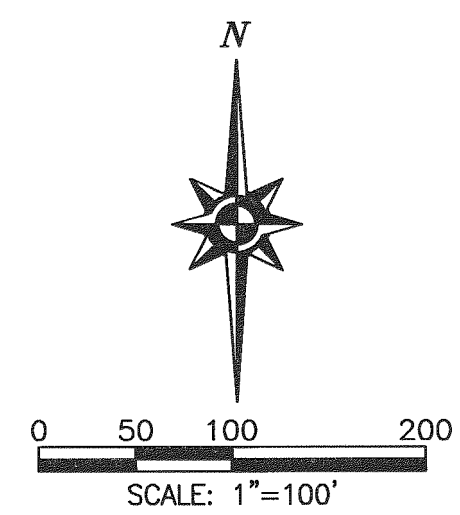
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BASELINE P & R LLC
PER D.N. 2014-0033001

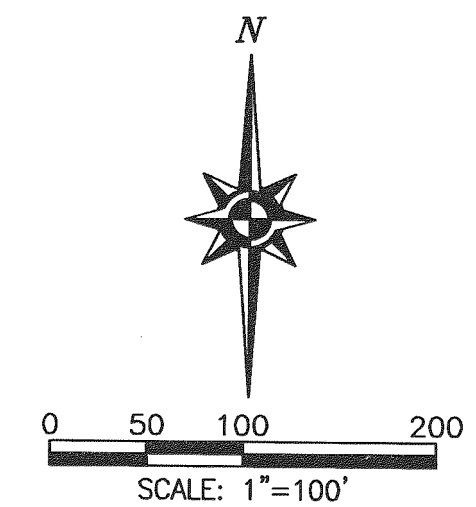


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SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
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FINAL MAP OF
SIERRA VISTA - FEDERICO
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SUBDIVISION NO. PL15-0192

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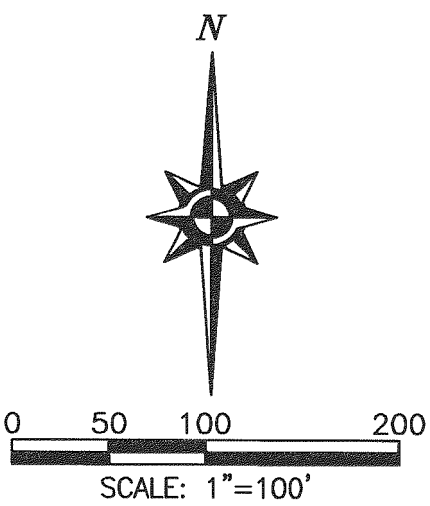
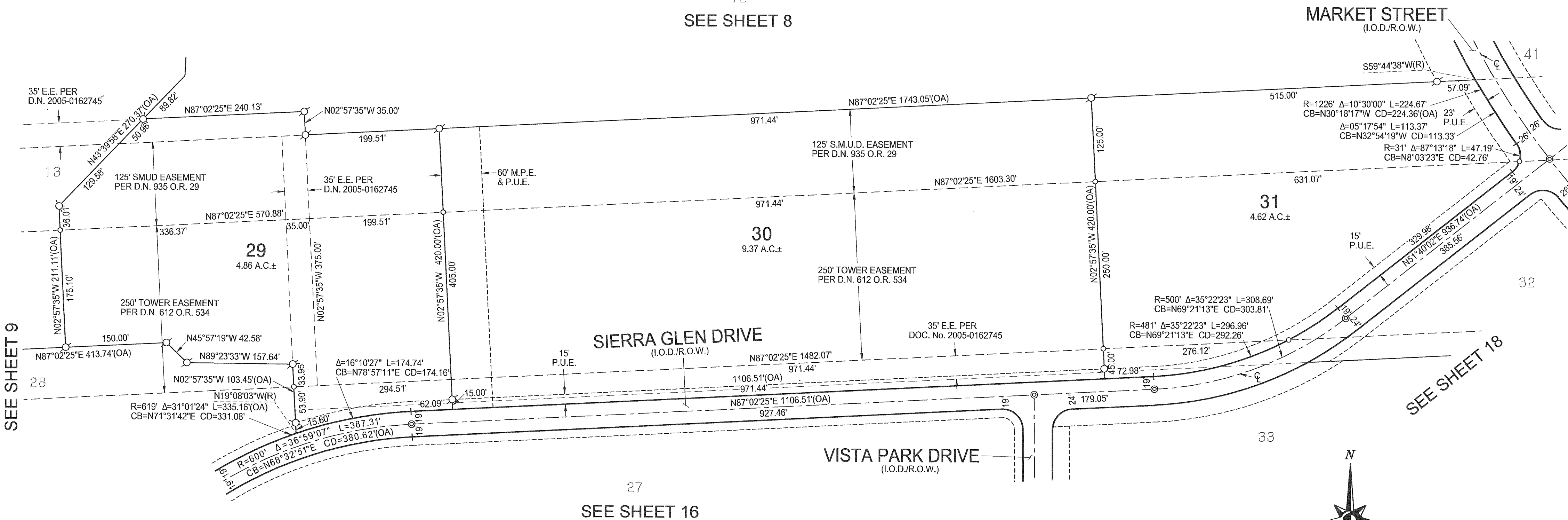
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SEE SHEET 8



FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

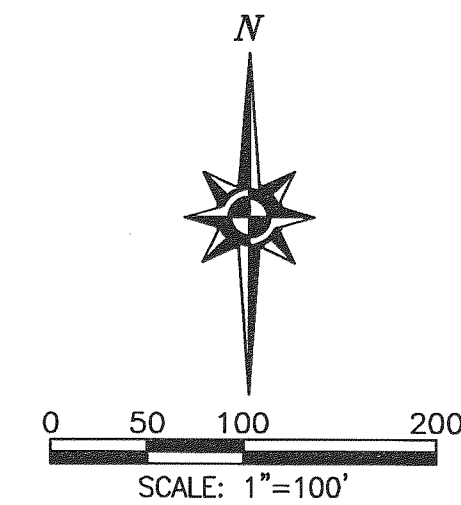
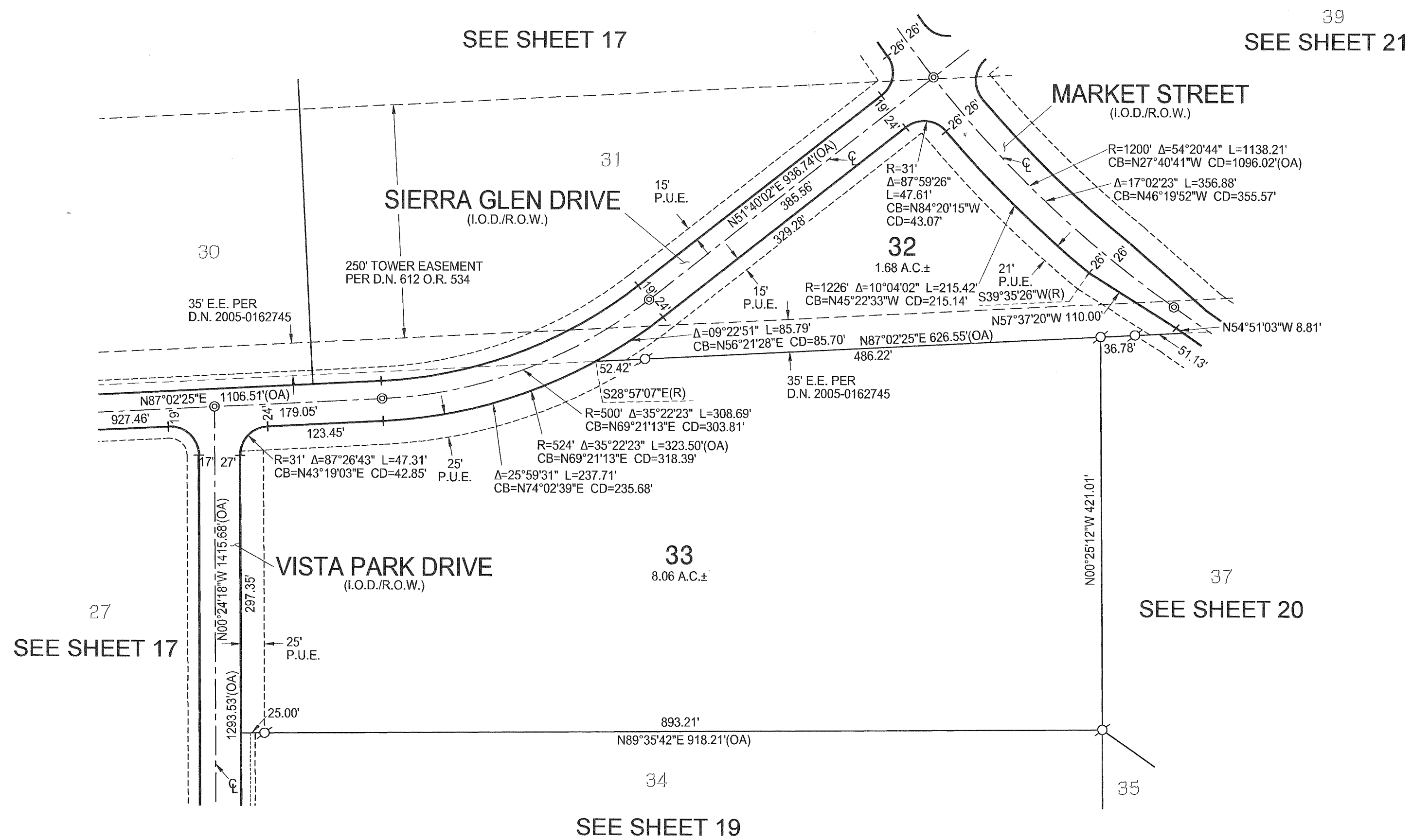
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FINAL MAP OF
SIERRA VISTA - FEDERICO
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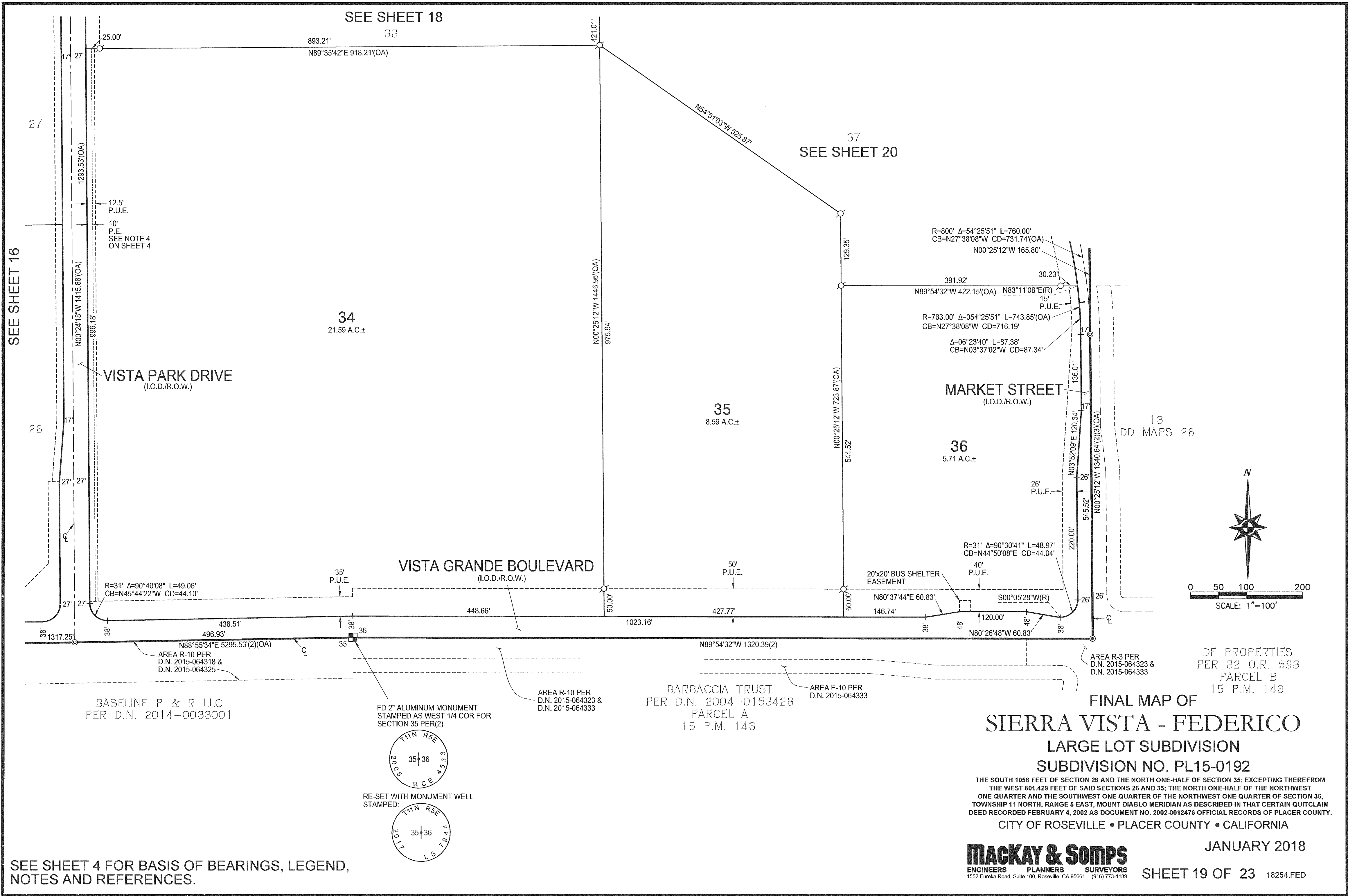
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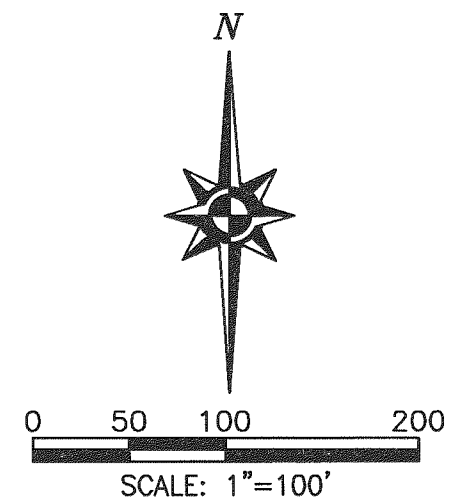
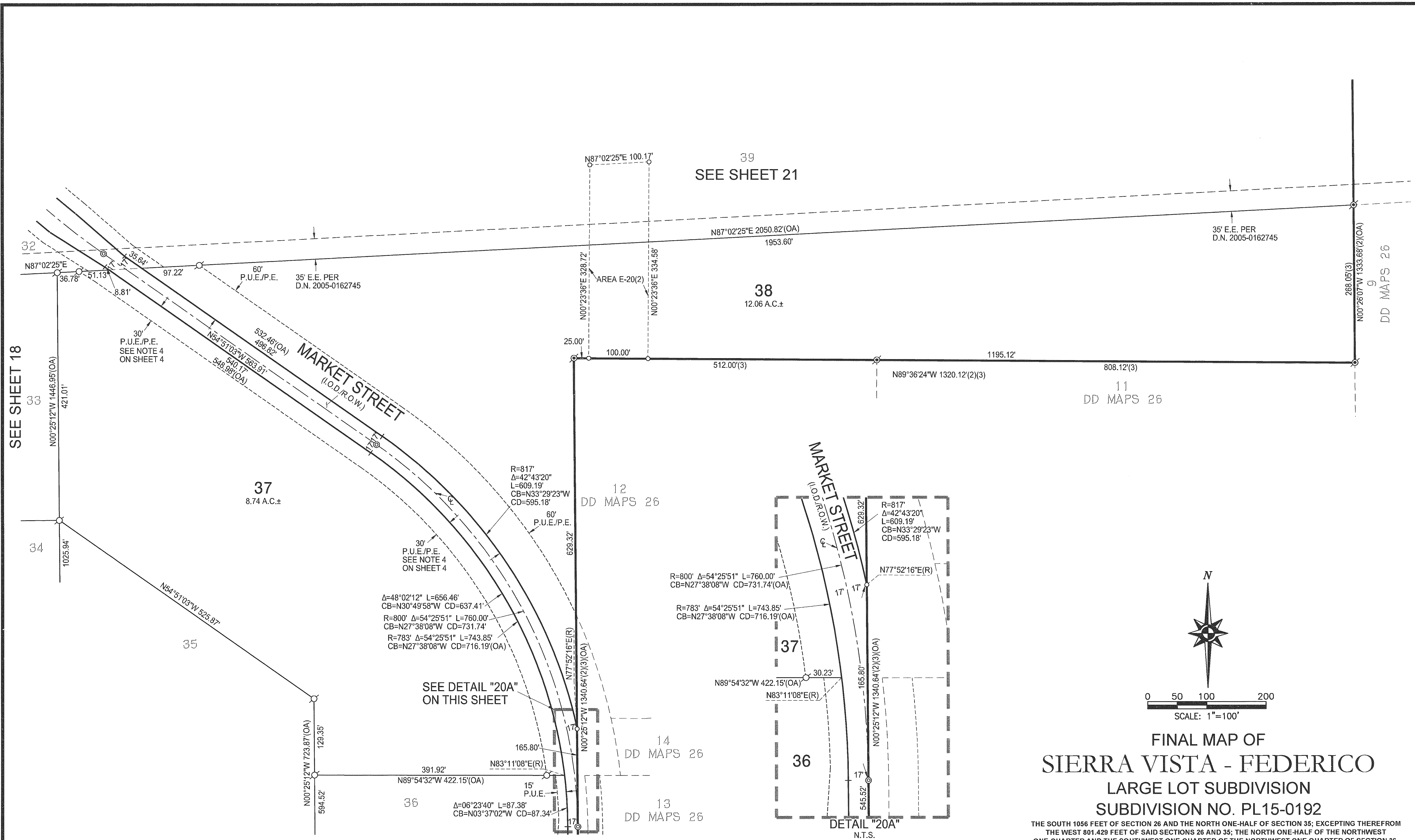
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NOTES AND REFERENCES.

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FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

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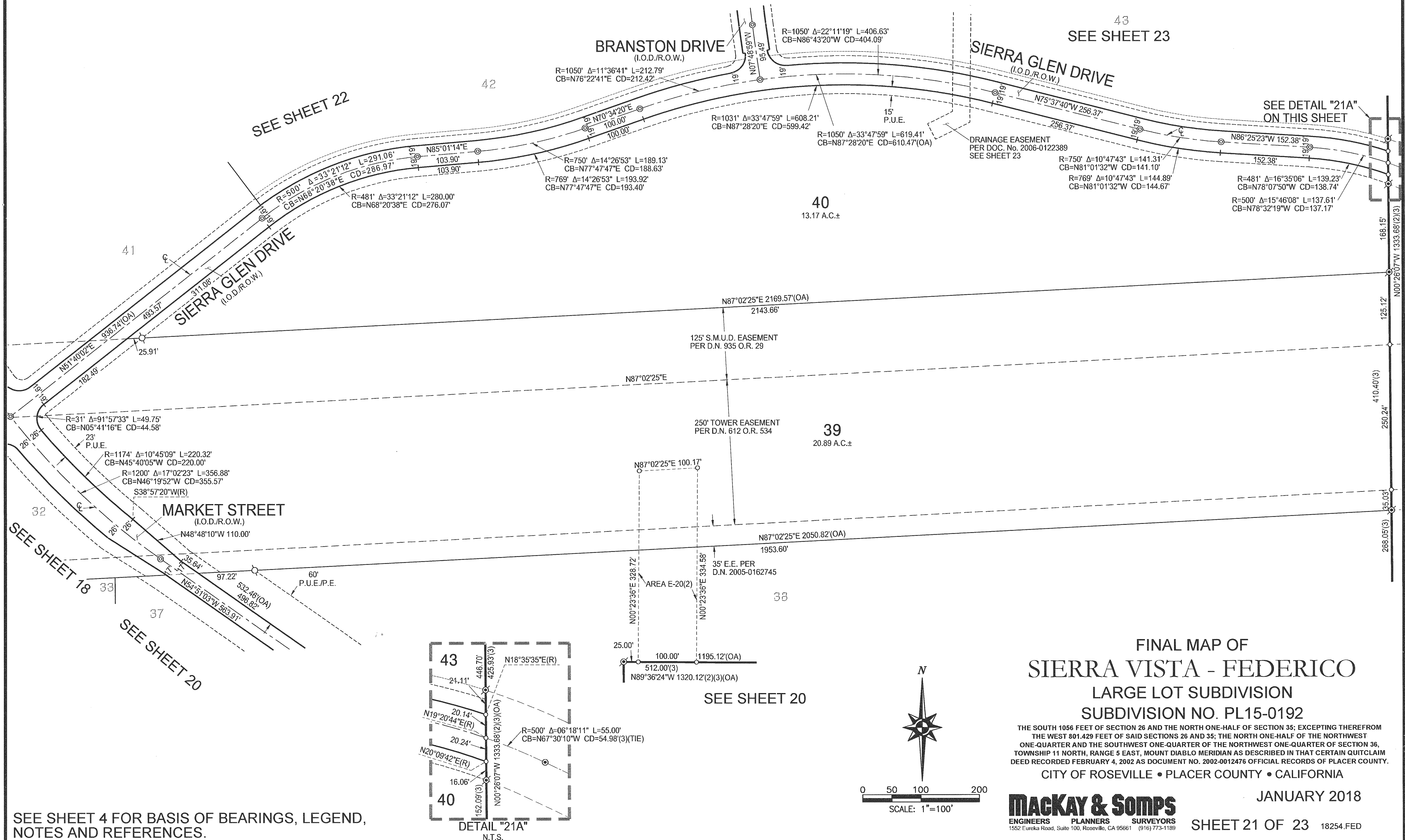
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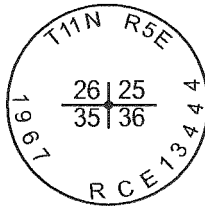
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SHEET 20 OF 23 18254.FED

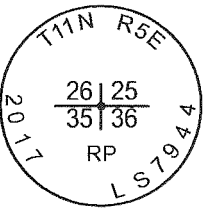
SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.



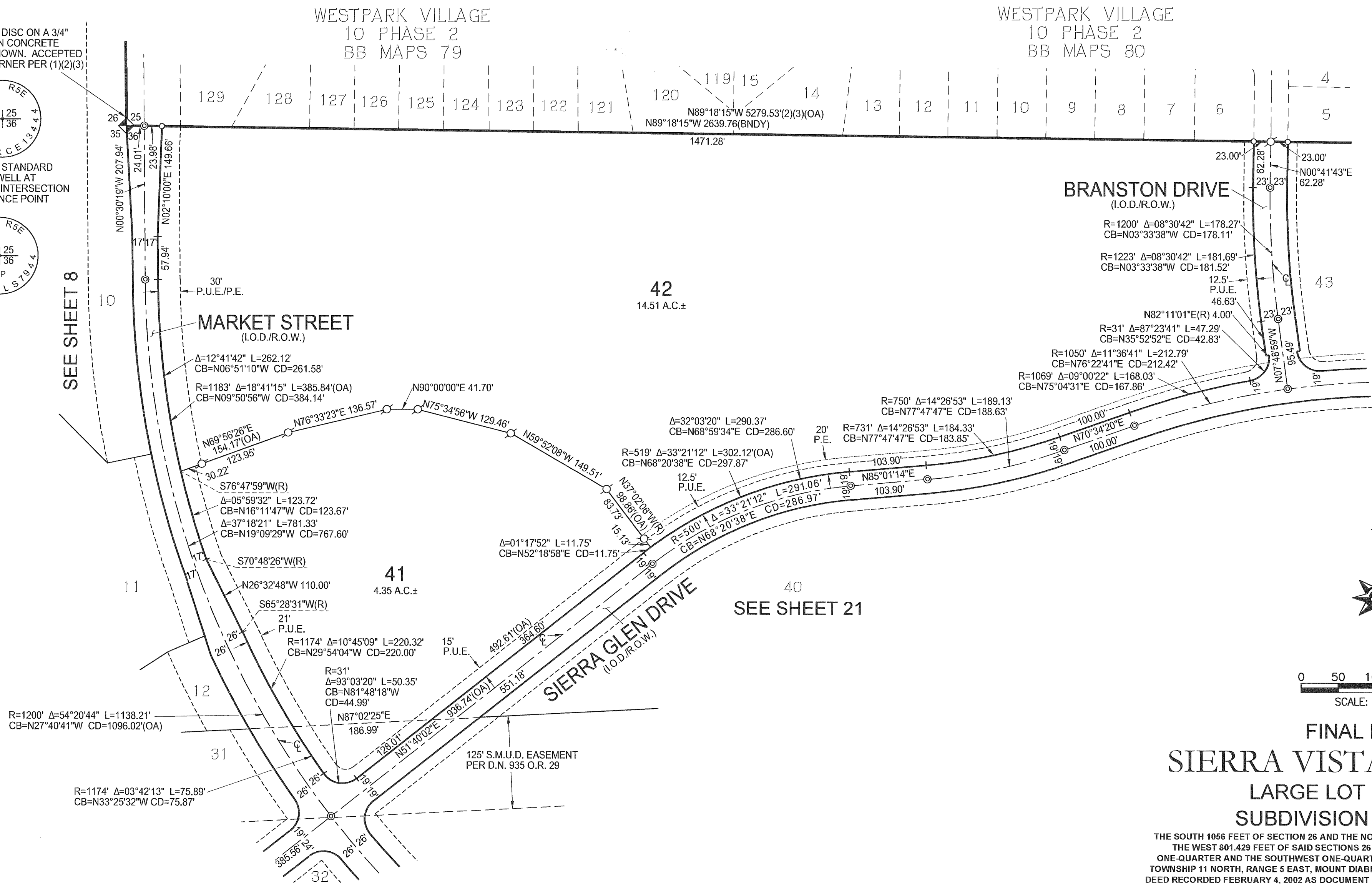
FD 1-1/2" BRASS DISC ON A 3/4" IRON ROD SET IN CONCRETE STAMPED AS SHOWN. ACCEPTED AS SECTION CORNER PER (1)(2)(3)



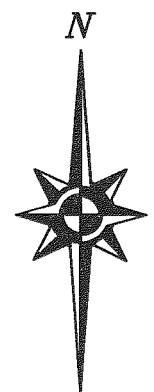
RE-SET WITH STANDARD MONUMENT WELL AT CENTERLINE INTERSECTION FOR REFERENCE POINT STAMPED:



SEE SHEET 8



SEE SHEET 23



0 50 100 200
SCALE: 1"=100'

FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

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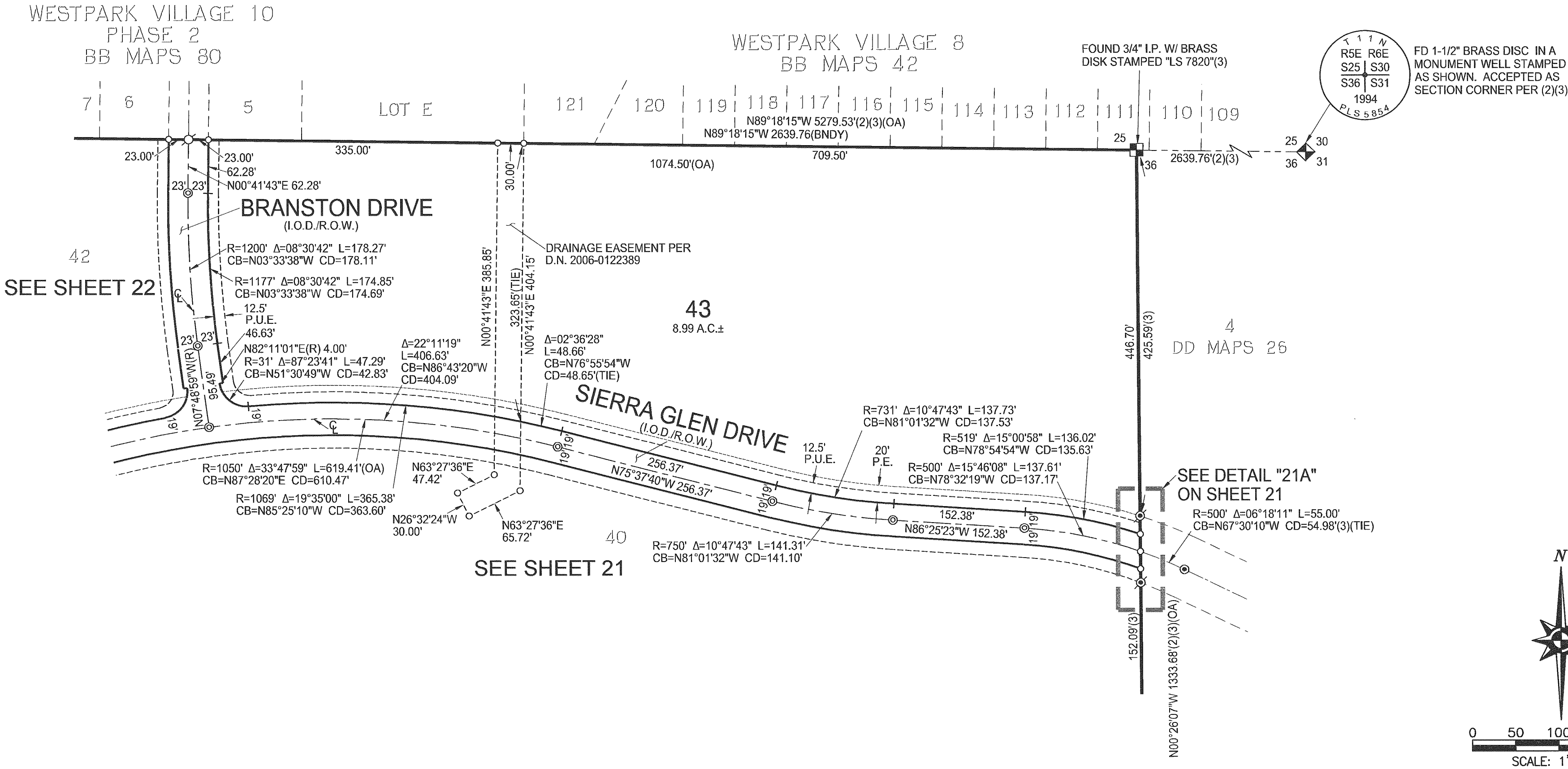
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SHEET 22 OF 23 18254.FED



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NOTES AND REFERENCES.

FINAL MAP OF
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DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

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SHEET 23 OF 23 18254.FED



COUNCIL COMMUNICATION

CC #: 0700

File #: 0400-04-12-1

Title: Sierra Vista - Federico/Westpark Phase 1 Summerfaire Dr. - Notice Of Completion
Contact: Troy Galvin 916-223-7441 jtgalvin@roseville.ca.us

Meeting Date: 4/15/2020

Item #: 6.6.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt the attached resolution accepting Sierra Vista - Federico/West Park Ph 1 Summerfaire Dr. project, CWJ# 180045 as complete and authorizing the City Engineer to execute the Notice of Completion.

BACKGROUND

The Engineering Division has made a final inspection of the above project and has found the roadway infrastructure work complete in accordance with the improvement plans and City specifications.

FISCAL IMPACT

The actions requested as part of this action have no impact on the City's General Fund. Construction costs were paid by the developer.

ENVIRONMENTAL REVIEW

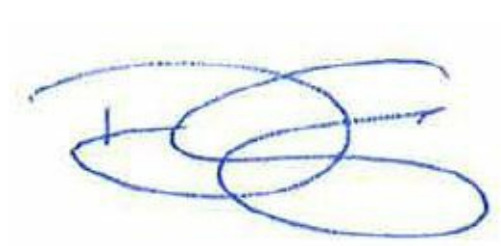
The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378.

The Sierra Vista - Federico/Westpark Ph 1 Summerfaire Dr. project meets the above criteria and is not subject to CEQA. No additional environmental review is required.

Respectfully Submitted,

Troy Galvin, Construction Inspector

Mike Isom, Development Services Director

A handwritten signature in blue ink, consisting of several overlapping loops and a horizontal line extending to the right.

Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 20-104

Notice of Completion

Exhibit A

Final Map

RESOLUTION NO. 20-104

RESOLUTION OF THE COUNCIL OF THE CITY OF ROSEVILLE ACCEPTING THE PUBLIC WORK KNOWN AS SIERRA VISTA FEDERICO/WESTPARK PH 1 SUMMERFAIRE DR PROJECT, APPROVING THE "NOTICE OF COMPLETION", AND AUTHORIZING AND DIRECTING THE CITY ENGINEER TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE, THEREFORE, AND ACCEPTING A PORTION OF THE DEDICATIONS OFFERED ON THE RECORDED MAP OF THE SUBDIVISION.

BE IT RESOLVED by the Council of the City of Roseville as follows:

1. The "Notice of Completion" on file in the City Clerk's Department relative to that public work known as the Sierra Vista Federico/West Park Ph1 Summerfaire Dr **is** hereby approved and the public work accepted.
2. A portion of the right-of-way and easements offered for dedication on the final map of Sierra Vista Federico Large Lot Subdivision recorded in Book EE of Maps, Page 6, in the office of the recorder of Placer County, is hereby accepted by the City in part as said dedications relates to the improvement plan set known as Sierra Vista Federico/Westpark Ph1 Summerfair Dr .
3. The City Engineer is hereby authorized and directed to execute said Notice on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville, this ____ day of _____, 20____, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

CITY CLERK

RECORDING REQUESTED BY AND WHEN
RECORDED MAIL TO:

CITY CLERK
CITY OF ROSEVILLE
311 VERNON STREET
ROSEVILLE, CA 95678

Exempt from recording fees
Pursuant to Gov't Code §27383

NOTICE OF COMPLETION

NOTICE IS HEREBY GIVEN that the public work of improvement known as the _____ Project was completed and accepted by the City of Roseville on _____. The location is situated in the City of Roseville, County of Placer, State of California and is indicated on the attached map, marked as Exhibit "A" and incorporated herein by this reference. The real property herein described is owned by the City of Roseville, 311 Vernon Street, Roseville CA 95678.

The direct/general contractor on said project was _____.

The surety on said project was _____.

City of Roseville
Owner

ATTEST:

Sonia Orozco, City Clerk

State of California)
County of Placer)

I, _____, being first duly sworn, depose and say: I am the _____ of the City of Roseville, a municipal corporation in the State of California, owner of the property described in the above Notice. I am duly authorized to make this verification for and on behalf of the City of Roseville. I have read the Notice of Completion and know its contents and the facts stated therein are true.

City of Roseville

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.
--

State of California)
County of Placer)

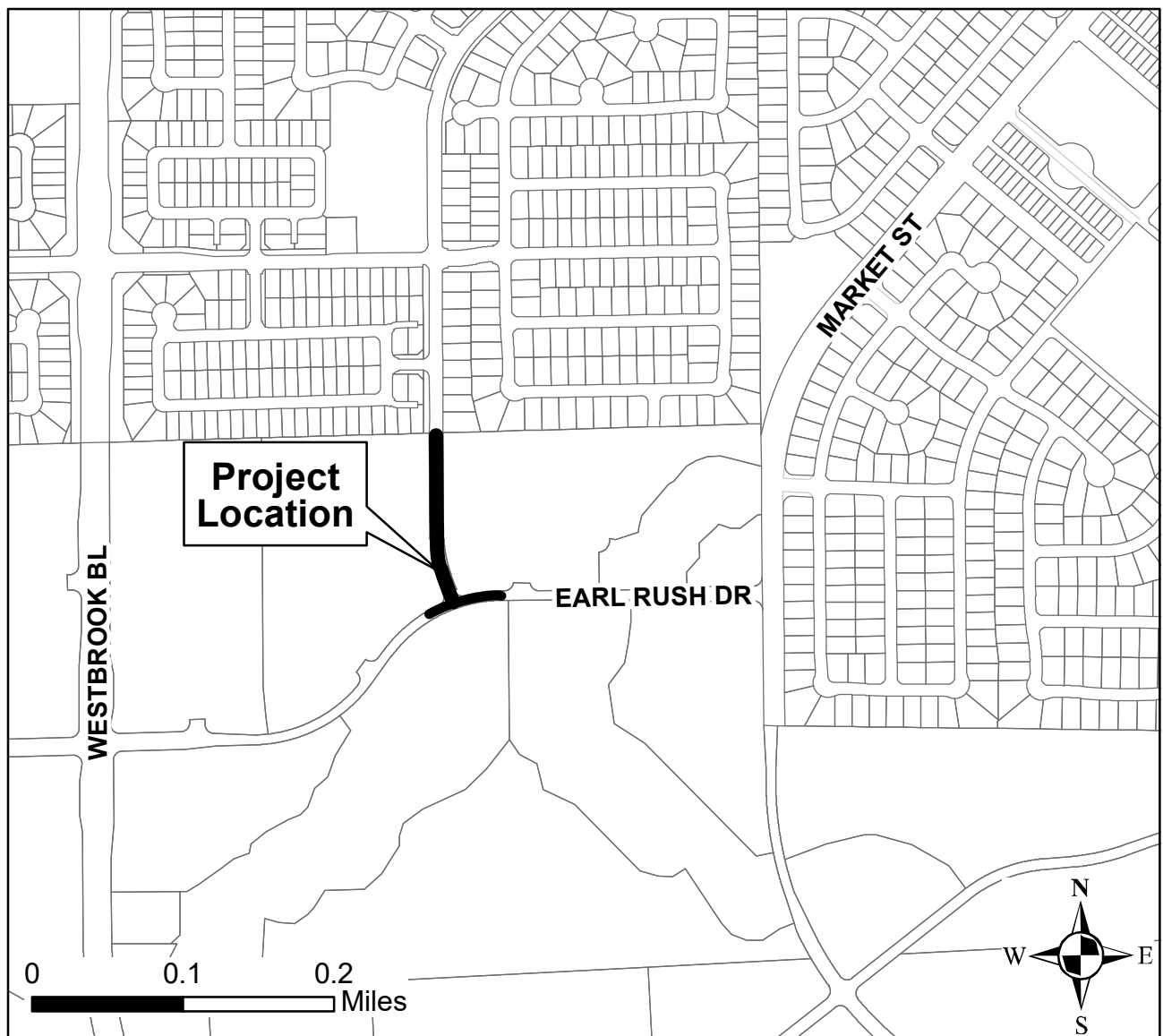
Subscribed and sworn to (or affirmed) before
me on this _____ day of _____,
20____, _____
proved to me on the basis of satisfactory
evidence to be the person(s) who appeared
before me.

Place Notary Seal and/or Stamp Above

Signature of Notary Public

EXHIBIT A

City of Roseville Sierra Vista - Federico/Westpark Phase 1 Summerfaire Drive



OWNER'S STATEMENT

THE UNDERSIGNED HEREBY CERTIFY THAT THEY ARE THE ONLY PERSONS HAVING ANY RECORD TITLE INTEREST IN THE REAL PROPERTY INCLUDED WITHIN THE SUBDIVISION SHOWN UPON THIS FINAL MAP OF "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION" AND THEY HEREBY CONSENT TO THE PREPARATION AND RECORDATION OF THIS FINAL MAP AND HEREBY OFFER FOR DEDICATION AND DO HEREBY DEDICATE FOR SPECIFIC PURPOSES THE FOLLOWING:

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS EASEMENT FOR PUBLIC PURPOSES:

- (A) PUBLIC EASEMENTS FOR THE INSTALLATION AND MAINTENANCE OF, BUT NOT LIMITED TO ELECTROLIERS, WATER AND GAS PIPES, SEWER AND DRAINAGE PIPES, AND FOR UNDERGROUND WIRE AND CONDUITS FOR ELECTRIC, TELEPHONE AND TELEVISION SERVICES AND TRAFFIC CONTROL APPURTENANCES TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER, UNDER AND ACROSS THOSE STRIPS OF LAND LYING CONTIGUOUS TO THE RIGHT OF WAY AS SHOWN HEREON AND DESIGNATED "P.U.E." (PUBLIC UTILITY EASEMENT).
- (B) PUBLIC UTILITY EASEMENT (P.U.E.) FOR INSTALLATION AND MAINTENANCE OF WATER, SEWER, GAS PIPES, ELECTROLIERS , TRAFFIC CONTROL APPURTENANCES, AND FOR POLES AND UNDERGROUND WIRES AND CONDUITS FOR ELECTRIC POWER THAT IS LIMITED BY THIS EASEMENT TO A MAXIMUM OF 13,000 VOLTS, AND TELEVISION AND TELEPHONE SERVICES TOGETHER WITH ALL APPURTENANCES PERTAINING THERETO, ON, UNDER AND ACROSS THOSE STRIPS OF LAND LYING BETWEEN THE SIDELINES OF THE RIGHTS OF WAY AND THE LINES DELINEATED P.U.E., LOCATED ON LOT 34.
- (C) PUBLIC EASEMENT FOR THE INGRESS AND EGRESS OF EMERGENCY VEHICLES AND UTILITY MAINTENANCE VEHICLES, TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER AND ACROSS THOSE STRIPS OF LAND SHOWN HEREON AND DESIGNATED "M.A.E." (MAINTENANCE ACCESS EASEMENT).
- (D) PUBLIC EASEMENT FOR THE INSTALLATION AND MAINTENANCE OF A BUS SHELTER TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER AND ACROSS THAT STRIP OF LAND SHOWN HEREON AND DESIGNATED "BUS SHELTER EASEMENT".
- (E) A PUBLIC EASEMENT FOR PEDESTRIAN / BICYCLE ACCESS AND THE INSTALLATION, REPAIR, REMOVAL OR REPLACEMENT OF LANDSCAPING TOGETHER WITH ANY AND ALL APPURTENANCES THERETO, ON, OVER, UNDER AND ACROSS THOSE STRIPS OF LAND SHOWN HEREON AND DESIGNATED "PASEO EASEMENT" (P.E.).

THE REAL PROPERTY DESCRIBED BELOW IS IRREVOCABLY DEDICATED IN FEE FOR PUBLIC PURPOSES:

- (A) AS PUBLIC RIGHT OF WAY (INCLUDING ALL IMPROVEMENTS THEREON) THE STREETS SHOWN HEREON AS SANTUCCI BOULEVARD, VISTA GRANDE BOULEVARD, WESTBROOK BOULEVARD, BRANSTON DRIVE, FEDERICO DRIVE, SIERRA GLEN DRIVE, SUMMERFAIRE DRIVE, SILVER SPRUCE DRIVE, VISTA PARK DRIVE, MARKET STREET AND THE AREAS SHOWN HEREON AS I.O.D. / R.O.W.
- (B) LOT 28 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR A FIRE STATION.
- (C) LOTS 8, 11, 13, 20, 23, 29, 30, 31, 32, 39 AND 40 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR OPEN SPACE PURPOSES.
- (D) LOTS 3, 9, 24 AND 33 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR A PARK PURPOSES.
- (E) LOT 34 SHOWN HEREON IS HEREBY RESERVED TO BE DEDICATED IN THE FUTURE AS A SCHOOL SITE.
- (F) LOT 19 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR A WATER TREATMENT/ WELL SITE.
- (G) LOT 15 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR A RECYCLING CENTER.

FEDERICO/TYLER FAMILY LIMITED PARTNERSHIP,
A CALIFORNIA LIMITED PARTNERSHIP
BY: THE JAMES A. FEDERICO AND GRACE R. FEDERICO FAMILY REVOCABLE
TRUST AS AMENDED AND RESTATED IN 2005, GENERAL PARTNER

BY: Leonard A. Federico
LEONARD A. FEDERICO,
TRUSTEE OF THE JAMES A. FEDERICO AND
GRACE R. FEDERICO FAMILY REVOCABLE
TRUST, AS AMENDED AND RESTATED IN 2005,
GENERAL PARTNER

BY: Leonard A. Federico
LEONARD A. FEDERICO,
GENERAL PARTNER

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA

COUNTY OF Fresno

ON December 21, 2017 BEFORE ME, Pauline J. Moore, Notary Public,

PERSONALLY APPEARED Leonard A. Federico
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/ THEY EXECUTED THE SAME IN HIS/HER/ THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/ THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

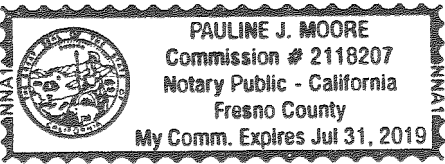
I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND and official Seal.

Pauline J. Moore Pauline J. Moore
SIGNATURE PRINTED NAME

MY PRINCIPAL PLACE OF BUSINESS IS Fresno COUNTY

MY COMMISSION EXPIRES: July 31, 2019 MY COMMISSION NUMBER: 2118207



SUBDIVISION MAP ACT SECTION 66477.5 CERTIFICATE

PURSUANT TO SECTION 66477.5 OF THE SUBDIVISION MAP ACT THE CITY OF ROSEVILLE SHALL RECONVEY LOTS 15, 19 & 28 AS DEDICATED TO THE CITY ON THE MAP OF SUBDIVISION NO. PL15-0192, SIERRA VISTA FEDERICO LARGE LOT SUBDIVISION, TO THE SUBDIVIDER NAMED BELOW IF THE CITY OF ROSEVILLE MAKES A DETERMINATION THAT THE SAME PUBLIC PURPOSE FOR WHICH THE PROPERTY WAS DEDICATED DOES NOT EXIST, OR THE PROPERTY OR ANY PORTION THEREOF IS NOT NEEDED FOR PUBLIC UTILITIES EXCEPT FOR ANY PORTION OF THE PROPERTY THAT IS REQUIRED FOR THE SAME PUBLIC PURPOSE OR PUBLIC UTILITIES.

SUBDIVIDER: FEDERICO / TYLER FAMILY LIMITED PARTNERSHIP
A CALIFORNIA LIMITED PARTNERSHIP

ADDRESS: 2144 SHEILAH WAY
SACRAMENTO, CA 95822

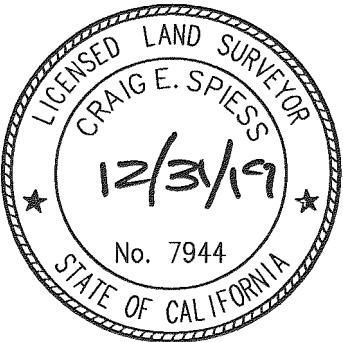
SURVEYOR'S STATEMENT

THIS FINAL MAP OF "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION" WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCES AT THE REQUEST OF MOURIER INVESTMENTS, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY AND WESTPARK SIERRA VISTA LLC, IN NOVEMBER 2016. I HEREBY STATE THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO THE APPROVED OR CONDITIONALLY APPROVED TENTATIVE MAP. ALL MONUMENTS SHOWN HEREON ARE OF THE CHARACTER AND WILL OCCUPY THE POSITIONS INDICATED, AND WILL BE SET BY DECEMBER 31, 2019 AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

MACKAY & SOMPS CIVIL ENGINEERS, INC.

Craig E. Spiess
CRAIG E. SPIESS, PLS 7844
EXPIRATION DATE: DECEMBER 31, 2019

DATE: 12/14/17



CITY ENGINEER'S STATEMENT

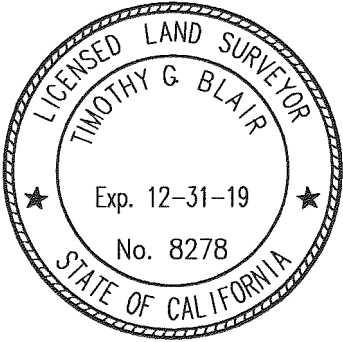
I HEREBY STATE THAT I HAVE EXAMINED THIS FINAL MAP OF "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION" AND FIND IT TO BE SUBSTANTIALLY THE SAME AS THE TENTATIVE MAP ON FILE AND ANY APPROVED ALTERATIONS THEREOF; THAT ALL PROVISIONS OF THE SUBDIVISION MAP ACT AND ALL APPLICABLE CITY ORDINANCES HAVE BEEN COMPLIED WITH.

Marc Stout DATE: 1/10/18
MARC STOUT, R.C.E. 69879
CITY ENGINEER, CITY OF ROSEVILLE
LICENSE EXPIRES: SEPTEMBER 30, 2018

I HEREBY STATE THAT I AM SATISFIED THIS THIS FINAL MAP OF "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION" IS TECHNICALLY CORRECT.

FOR MARC STOUT, CITY ENGINEER, CITY OF ROSEVILLE

Timothy G. Blair DATE: 1/10/18
TIMOTHY G. BLAIR, PLS 8278
EXPIRES DECEMBER 31, 2019



CITY CLERK'S STATEMENT

I HEREBY CERTIFY THAT THE CITY COUNCIL, CITY OF ROSEVILLE, HAS APPROVED THIS FINAL MAP OF "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION", AND HAS ACCEPTED ON BEHALF OF THE PUBLIC, SUBJECT TO IMPROVEMENT, THE EASEMENTS OFFERED HEREON FOR DEDICATION IN ACCORDANCE WITH THE TERMS OF THAT OFFER. THE CITY COUNCIL REJECTS AT THIS TIME, BUT RESERVES THE RIGHT TO ACCEPT AT A LATER DATE, ON BEHALF OF THE PUBLIC ALL IRREVOCABLE OFFERS OF DEDICATION IN ACCORDANCE WITH THE TERMS OF THOSE OFFERS AND DOES ALSO HEREBY APPROVE THE ABANDONMENT OF THE IRREVOCABLE OFFERS OF DEDICATION AND EASEMENT LISTED HEREON WITHIN NOTE 5 ON SHEET 4.

CITY CLERK, CITY OF ROSEVILLE
DATE: 011118
BY: Assistant City Clerk
ASSISTANT CITY CLERK

RECORDER'S STATEMENT

FILED THIS 16th DAY OF February, 2018, AT 9:36 A.M. IN BOOK EE OF
MAPS, AT PAGE 6, IN THE OFFICE OF THE PLACER COUNTY RECORDER, AT THE
REQUEST OF MACKAY & SOMPS CIVIL ENGINEERS, INC.

Ryan Ronco DOCUMENT NO.: 2018-0010061
RECORDER OF PLACER COUNTY
STATE OF CALIFORNIA

BY: A. Mch FEE: \$ 149.00
DEPUTY

FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

THE SOUTH 1056 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

CITY OF ROSEVILLE • PLACER COUNTY • CALIFORNIA

JANUARY 2018

Mackay & Somps
ENGINEERS PLANNERS SURVEYORS
1552 Eureka Road, Suite 100, Roseville, CA 95661 (916) 773-1189

SHEET 1 OF 23 18254.FED

OWNER'S STATEMENT CONTINUED

BY: Anna J. Starks
ANNA J. STARKS,
GENERAL PARTNER
Federico/Tyler Family Limited Partnership

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA
COUNTY OF SACRAMENTO
ON JAN 4, 2018 BEFORE ME, SANDRA LESSARD, NOTARY PUBLIC
PERSONALLY APPEARED ANNA J. STARKS
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.
I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.
WITNESS MY HAND and Official Seal
Sandra Lessard SANDRA LESSARD
SIGNATURE PRINTED NAME
MY PRINCIPAL PLACE OF BUSINESS IS PLACER COUNTY
MY COMMISSION EXPIRES: OCT 18, 2020 MY COMMISSION NUMBER: 2165215

BY: Gary J. Federico
GARY J. FEDERICO
GENERAL PARTNER
Federico/Tyler Family Limited Partnership

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA
COUNTY OF SACRAMENTO
ON JAN 4, 2018 BEFORE ME, SANDRA LESSARD, NOTARY PUBLIC
PERSONALLY APPEARED GARY J. FEDERICO
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.
I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.
WITNESS MY HAND and Official Seal
Sandra Lessard SANDRA LESSARD
SIGNATURE PRINTED NAME
MY PRINCIPAL PLACE OF BUSINESS IS PLACER COUNTY
MY COMMISSION EXPIRES: OCT 18, 2020 MY COMMISSION NUMBER: 2165215

BY: Janet M. Wright
JANET M. WRIGHT,
GENERAL PARTNER
Federico/Tyler Family Limited Partnership

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

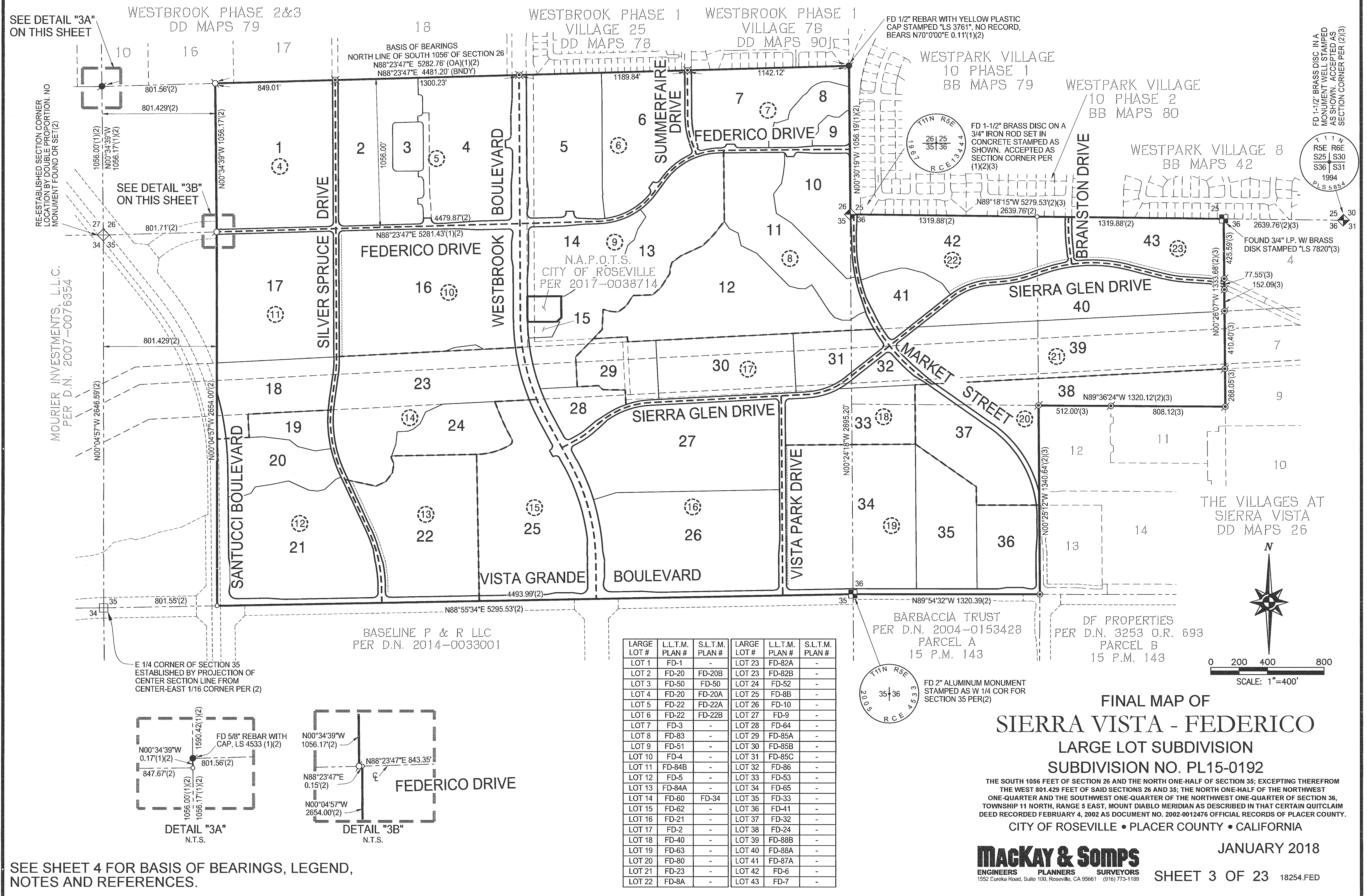
STATE OF CALIFORNIA
COUNTY OF SACRAMENTO
ON JAN 4, 2018 BEFORE ME, SANDRA LESSARD, NOTARY PUBLIC
PERSONALLY APPEARED JANET M. WRIGHT
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.
I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.
WITNESS MY HAND and Official Seal
Sandra Lessard SANDRA LESSARD
SIGNATURE PRINTED NAME
MY PRINCIPAL PLACE OF BUSINESS IS PLACER COUNTY
MY COMMISSION EXPIRES: OCT 18, 2020 MY COMMISSION NUMBER: 2165215

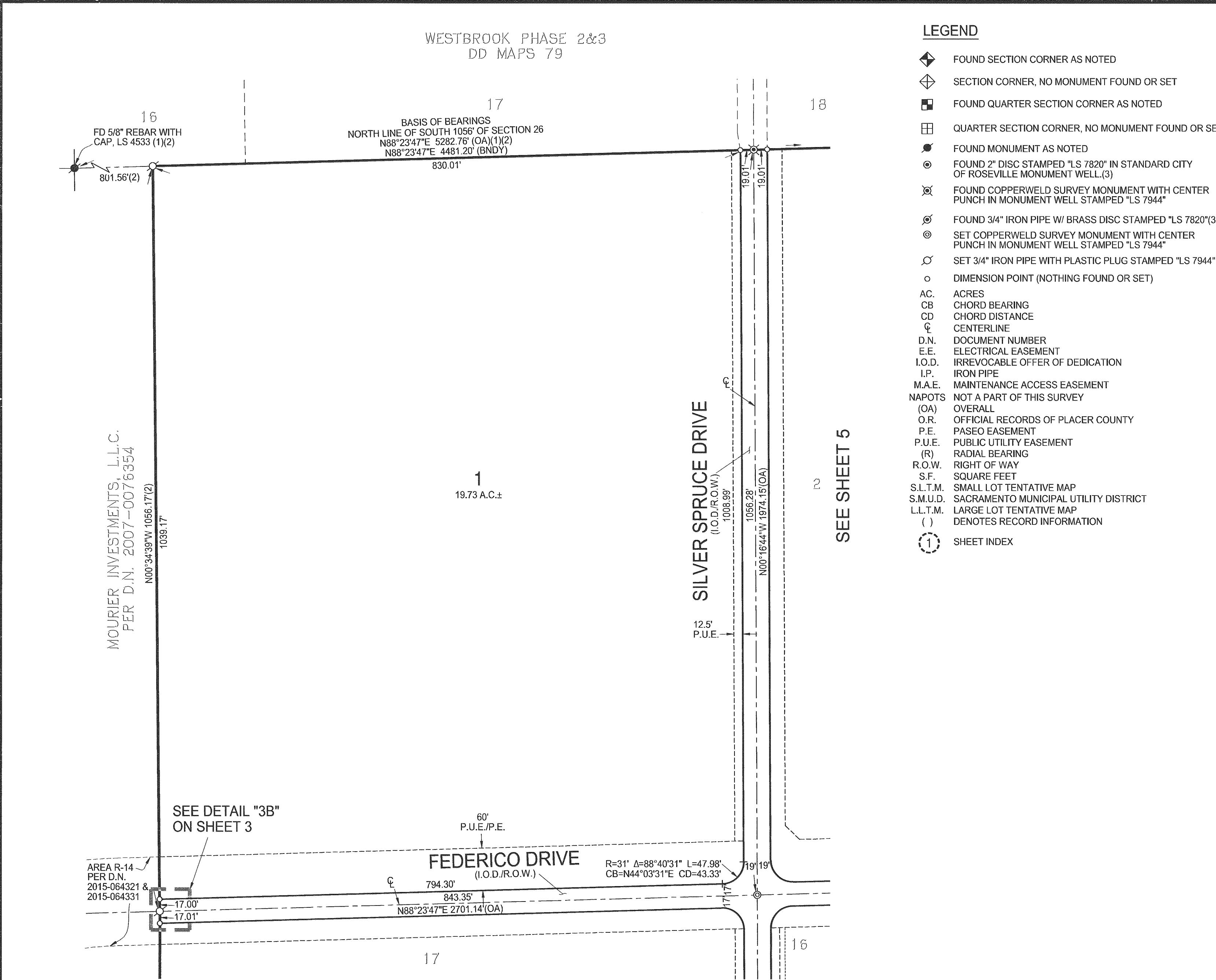
FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

THE SOUTH 1056 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.
CITY OF ROSEVILLE • PLACER COUNTY • CALIFORNIA

MACKay & Somps
ENGINEERS PLANNERS SURVEYORS
1502 Eureka Road, Suite 100, Roseville, CA 95661 (916) 773-1189

JANUARY 2018





LEGEND

- FOUND SECTION CORNER AS NOTED
- SECTION CORNER, NO MONUMENT FOUND OR SET
- FOUND QUARTER SECTION CORNER AS NOTED
- QUARTER SECTION CORNER, NO MONUMENT FOUND OR SET
- FOUND MONUMENT AS NOTED
- FOUND 2" DISC STAMPED "LS 7820" IN STANDARD CITY OF ROSEVILLE MONUMENT WELL.(3)
- FOUND COPPERWELD SURVEY MONUMENT WITH CENTER PUNCH IN MONUMENT WELL STAMPED "LS 7944"
- FOUND 3/4" IRON PIPE W/ BRASS DISC STAMPED "LS 7820"(3)
- SET COPPERWELD SURVEY MONUMENT WITH CENTER PUNCH IN MONUMENT WELL STAMPED "LS 7944"
- SET 3/4" IRON PIPE WITH PLASTIC PLUG STAMPED "LS 7944"
- DIMENSION POINT (NOTHING FOUND OR SET)
- AC. ACRES
- CB CHORD BEARING
- CD CHORD DISTANCE
- CL CENTERLINE
- D.N. DOCUMENT NUMBER
- E.E. ELECTRICAL EASEMENT
- I.O.D. IRREVOCABLE OFFER OF DEDICATION
- I.P. IRON PIPE
- M.A.E. MAINTENANCE ACCESS EASEMENT
- NAPOTS NOT A PART OF THIS SURVEY
- (OA) OVERALL
- O.R. OFFICIAL RECORDS OF PLACER COUNTY
- P.E. PASEO EASEMENT
- P.U.E. PUBLIC UTILITY EASEMENT
- (R) RADIAL BEARING
- R.O.W. RIGHT OF WAY
- S.F. SQUARE FEET
- S.L.T.M. SMALL LOT TENTATIVE MAP
- S.M.U.D. SACRAMENTO MUNICIPAL UTILITY DISTRICT
- L.L.T.M. LARGE LOT TENTATIVE MAP
- () DENOTES RECORD INFORMATION
- (1) SHEET INDEX

NOTES:

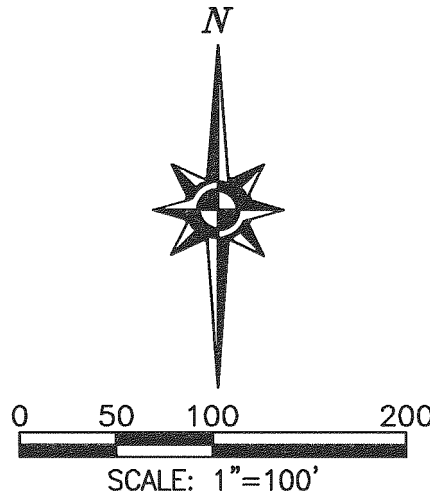
- ALL CURVES ARE DIMENSIONED WITH RADIUS, DELTA, ARC LENGTH, CHORD BEARING AND CHORD LENGTH. CHORD LENGTHS MAY CONTAIN SOME ROUNDING ERROR. ALL DISTANCES SHOWN ARE FEET AND DECIMALS THEREOF.
- TOTAL AREA FOR THIS SUBDIVISION IS 505.05± ACRES, CONSISTING OF 43 LARGE LOTS.
- THE EASEMENT FOR TEMPORARY INGRESS / EGRESS EASEMENT GRANTED TO FRANK T. CHAN, TRUST OF THE FRANK T. CHAN FAMILY TRUST U/A DATED DECEMBER 8, 2003, ET AL. IN DEED RECORDED AUGUST 13, 2015, AS INSTRUMENT NO. 2015-0070559, OFFICIAL RECORDS OF PLACER COUNTY IS FULLY CONTAINED IN THE RIGHT OF WAY SHOWN HEREON.
- THE CITY WILL NOT BE MAINTAINING LANDSCAPING ON LOTS 14, 34 & 37 SHOWN HEREON.
- PURSUANT TO SECTION 66499.20.2 OF THE GOVERNMENT CODE, THE LANDS SHOWN HEREON, ARE HEREBY MERGED AND RESUBDIVIDED, AND THE FOLLOWING IRREVOCABLE OFFERS OF DEDICATION AND DRAINAGE EASEMENT THAT AFFECT THIS MAP ARE HEREBY ABANDONED:
 - AREA R-1, R-2, R-3, R-9, R-10, R-13, R-14, R-15 AND R-16 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064322, OFFICIAL RECORDS PLACER COUNTY.
 - AREA O-7, O-8, O-9, O-10, O-11, O-12 AND O-13 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064322, OFFICIAL RECORDS PLACER COUNTY.
 - AREA PQP-2, PQP-3, PQP-4 AND PQP-5 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064322, OFFICIAL RECORDS PLACER COUNTY.
 - AREA E-6, E-7, E-8, E-12, E-17 AND E-19 AS DESCRIBED IN THAT CERTAIN EASEMENT RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064332, OFFICIAL RECORDS PLACER COUNTY.
 - AREA R-1, R-2, R-3, R-9, R-10, R-13, R-14, R-15 AND R-16 AS DESCRIBED IN THAT CERTAIN EASEMENT RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064332, OFFICIAL RECORDS PLACER COUNTY.
 - A PORTION OF THAT CERTAIN DRAINAGE EASEMENT SHOWN AS SHOWN PARCEL 2 AND DESCRIBED IN EXHIBIT "B-1 AS DESCRIBED IN THAT CERTAIN GRANT OF EASEMENT RECORDED NOVEMBER 14, 2006 IN DOCUMENT NO. 2006-0122389, OFFICIAL RECORDS PLACER COUNTY, NOT SHOWN WITHIN LOT 7.

BASIS OF BEARINGS:

THE BEARING N 88°23'47" E, BEING THE NORTH LINE OF THE SOUTH 1056.00' OF SECTION 26 AS SHOWN ON THAT CERTAIN RECORD OF SURVEY ENTITLED "RECORD OF SURVEY NO. 3221" RECORDED JULY 24, 2015 IN BOOK 22 OF SURVEYS, AT PAGE 135, PLACER COUNTY RECORDS. DISTANCES SHOWN HEREON ARE GROUND DISTANCES.

REFERENCES:

- CC MAPS 85
- 22 R.S. 135
- DD MAPS 26
- DOC. NO. 2017-0038714



FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

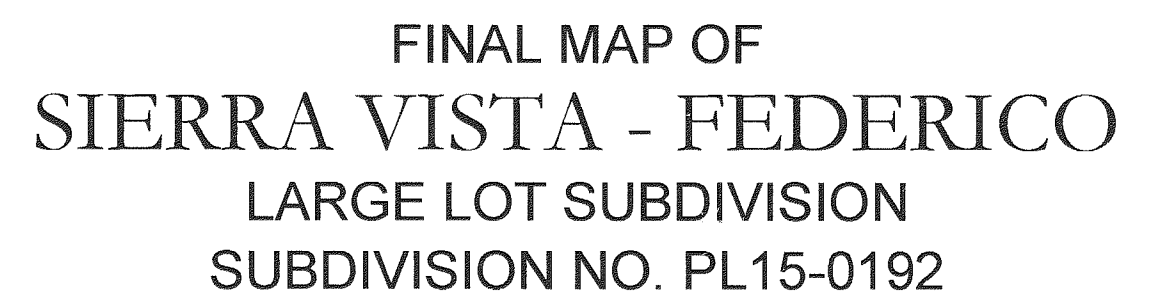
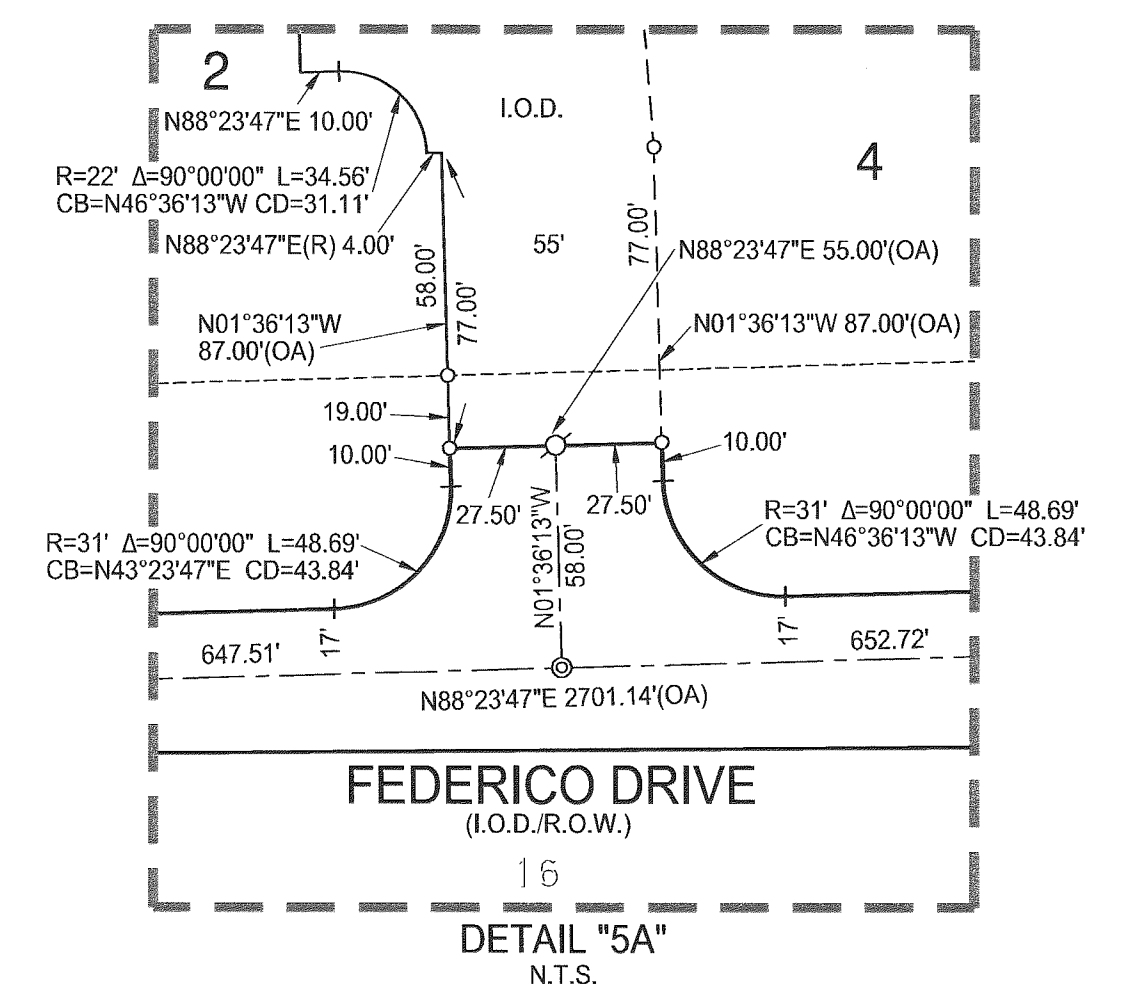
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CITY OF ROSEVILLE • PLACER COUNTY • CALIFORNIA

JANUARY 2018

MAC KAY & SOMPS
ENGINEERS PLANNERS SURVEYORS
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SHEET 4 OF 23 18254.FED

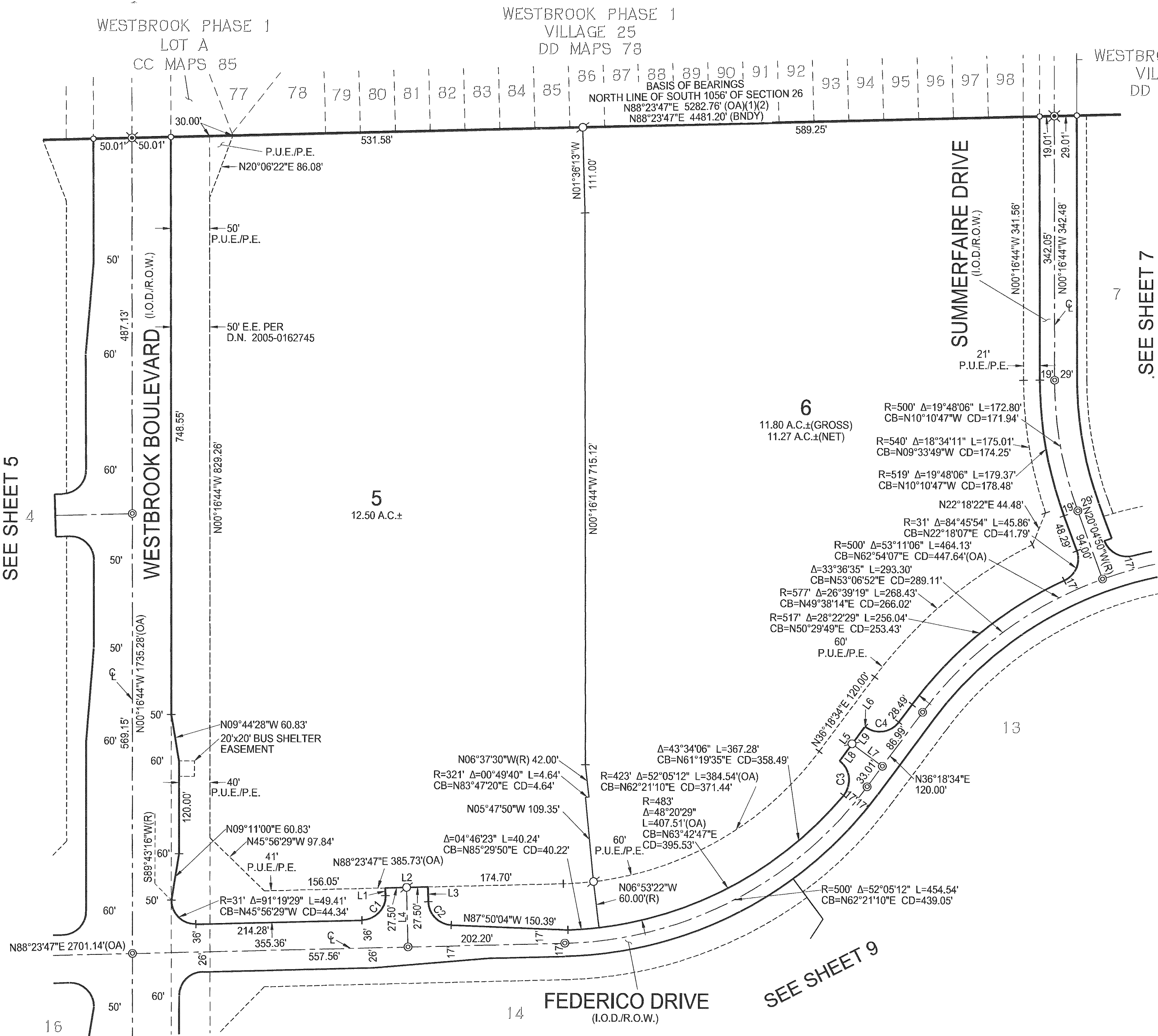


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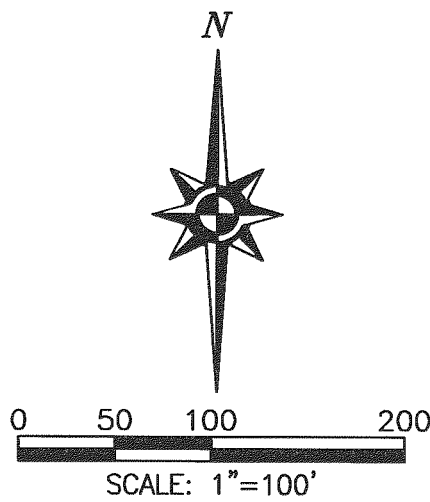
SHEET 5 OF 23 18254.FED

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND,
NOTES AND REFERENCES.



CURVE TABLE					
#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	31'	90°00'00"	48.69'	N43°23'47"E	43.84'
C2	31'	86°13'51"	46.66'	N44°43'09"W	42.38'
C3	31'	93°13'58"	50.44'	N07°04'27"W	45.06'
C4	31'	90°00'00"	48.69'	N81°18'34"E	43.84'
C5	479'	02°26'51"	20.46'	N08°53'46"W	20.46'
C6	517'	01°06'30"	10.00'	N08°13'35"W	10.00'
C7	22'	97°54'34"	37.59'	N40°10'27"E	33.18'

LINE TABLE		
#	BEARING	LENGTH
L1	N01°36'13"W	10.00'
L2	N88°23'47"E	55.00'
L3	N01°36'13"W	19.16'
L4	N01°36'13"W	77.00'
L5	N36°18'34"E(R)	55.00'
L6	N53°41'26"W	0.72'
L7	N53°41'26"W	48.72'
L8	N36°18'34"E(R)	29.50'
L9	N36°18'34"E	29.50'



FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

THE SOUTH 1056 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

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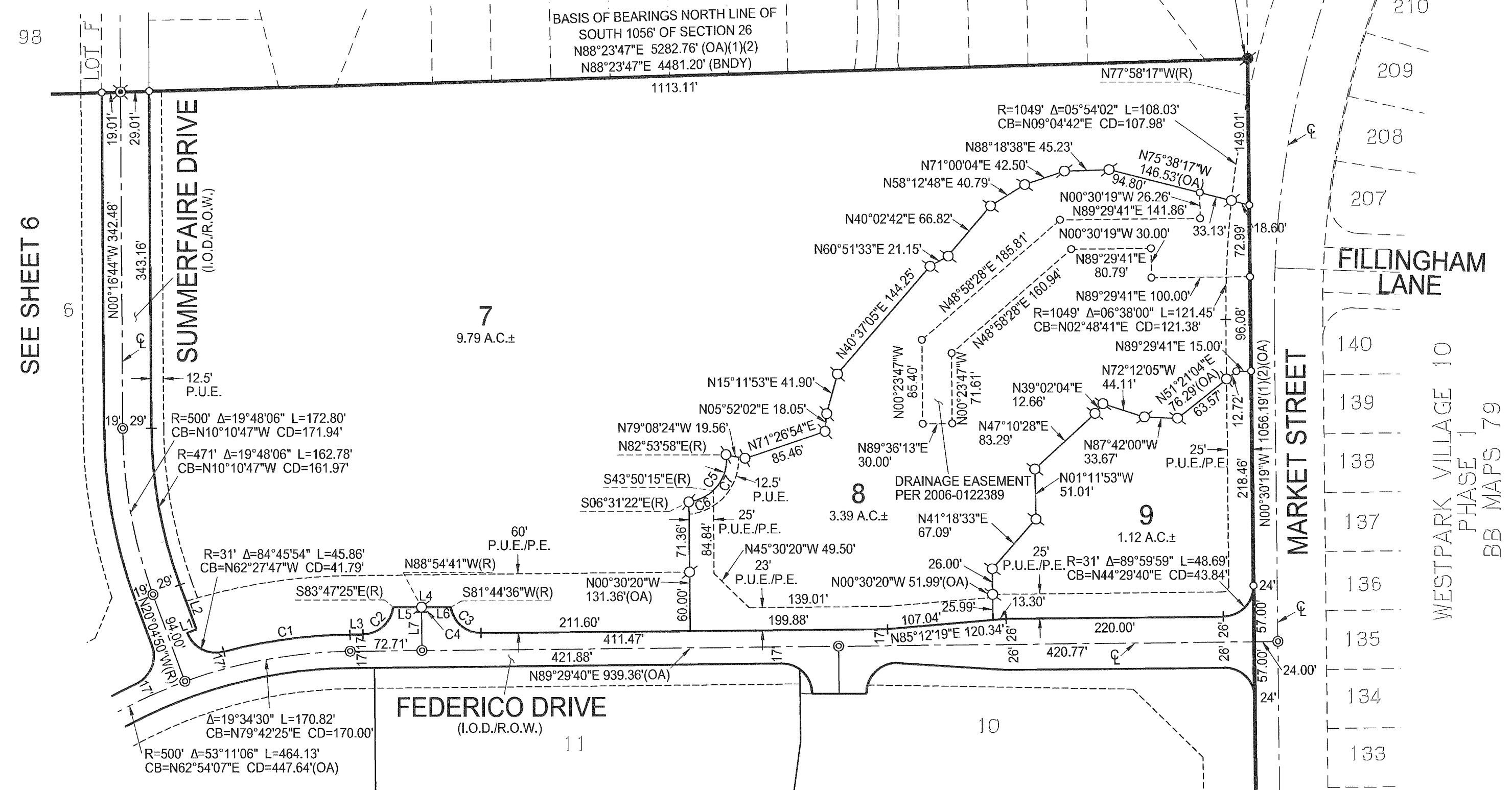
SHEET 6 OF 23 18254.FED

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

WESTBROOK PHASE 1
VILLAGE 25
DD MAPS 78

WESTBROOK PHASE 1
VILLAGE 7B
CC MAPS 90

FD 1/2" REBAR WITH YELLOW
PLASTIC CAP STAMPED "LS 3761",
NO RECORD, N70°E 0.11'(1)(2)

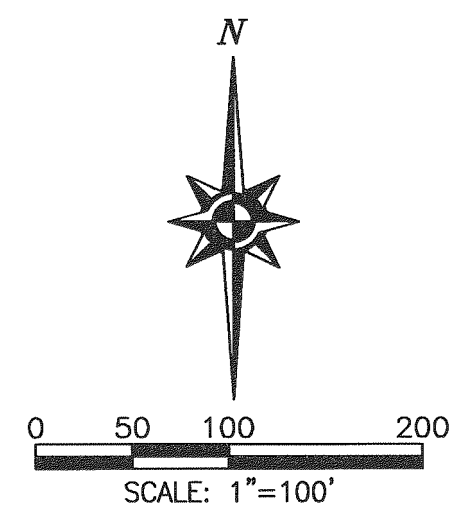


CURVE TABLE

#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	517'	14°20'24"	129.40'	N82°19'28"E	129.06'
C2	31'	83°17'05"	45.06'	N47°51'07"E	41.20'
C3	31'	82°14'56"	44.50'	N49°22'52"W	40.78'
C4	250'	00°34'59"	2.54'	N00°47'50"W	2.54'
C5	43'	90°34'40"	67.98'	N38°11'18"E	61.12'
C6	43'	37°18'53"	28.00'	N64°49'12"E	27.51'
C7	43'	53°15'48"	39.97'	N19°31'52"E	38.55'

LINE TABLE

#	BEARING	LENGTH
L1	N69°55'10"E(R)	10.00'
L2	N20°04'50"W	48.29'
L3	N89°29'40"E	13.18'
L4	N89°57'30"W	58.20'
L5	N89°57'30"W	28.73'
L6	N89°57'30"W	29.47'
L7	N00°30'20"W	41.56'



FINAL MAP OF
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LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

THE SOUTH 1056 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

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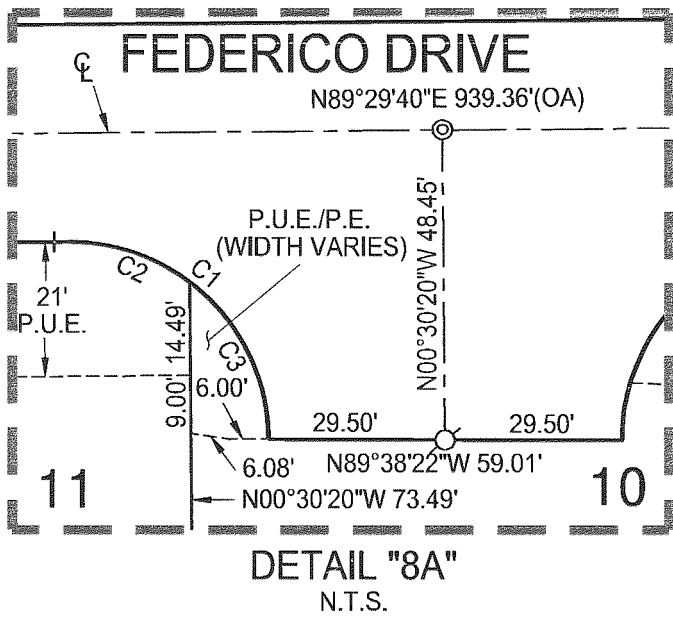
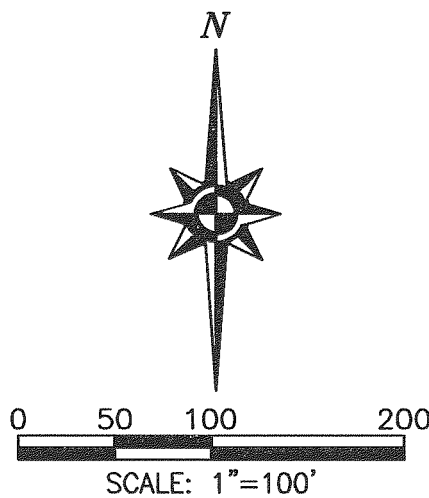
FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

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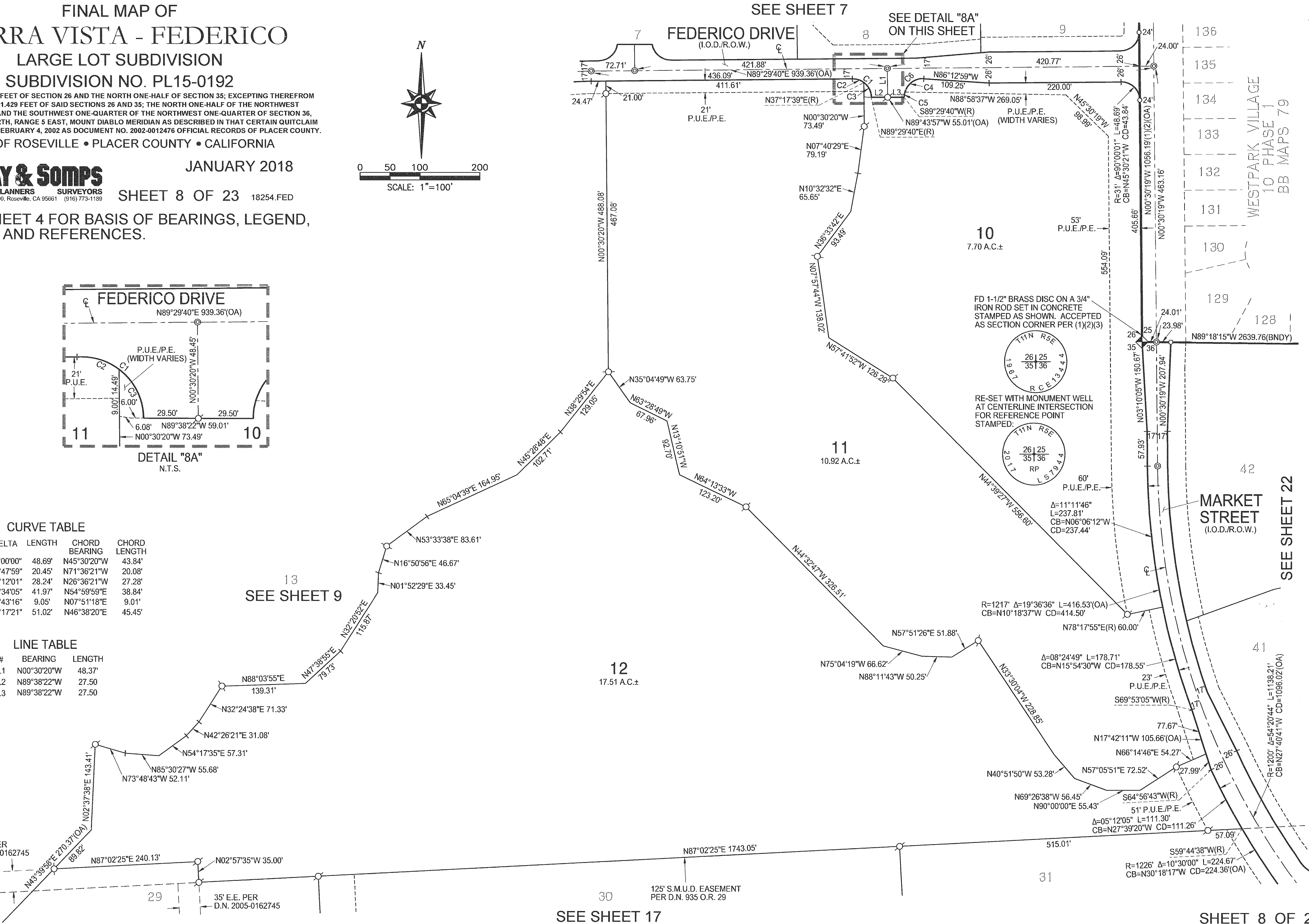
CURVE TABLE

#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	31'	90°00'00"	48.69'	N45°30'20"W	43.84'
C2	31'	37°47'59"	20.45'	N71°36'21"W	20.08'
C3	31'	52°12'01"	28.24'	N26°36'21"W	27.28'
C4	31'	77°34'05"	41.97'	N54°59'59"E	38.84'
C5	31'	16°43'16"	9.05'	N07°51'18"E	9.01'
C6	31'	94°17'21"	51.02'	N46°38'20"E	45.45'

LINE TABLE

#	BEARING	LENGTH
L1	N00°30'20"W	48.37'
L2	N89°38'22"W	27.50'
L3	N89°38'22"W	27.50'

SEE SHEET 9

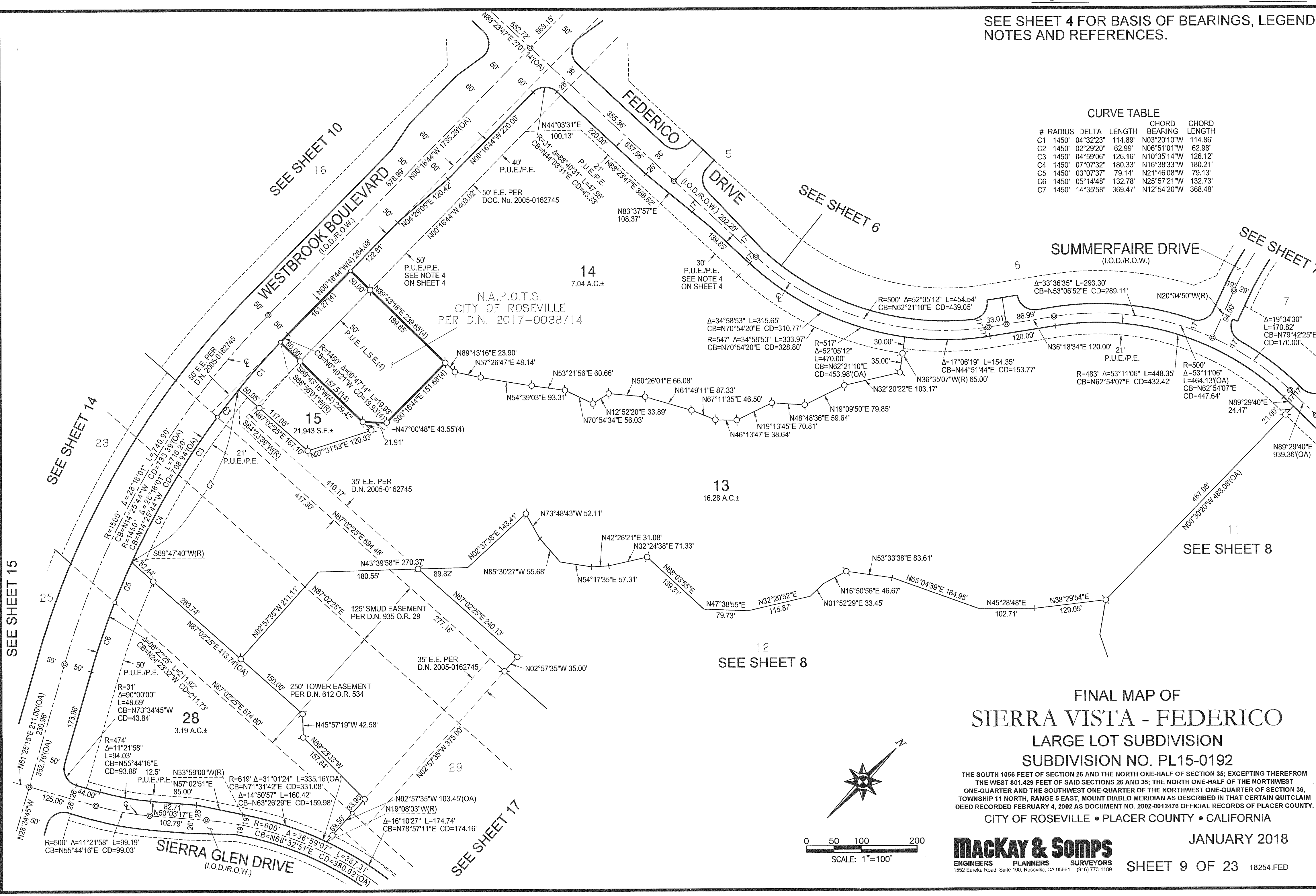


SEE SHEET 17

SHEET 8 OF 23

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

CURVE TABLE					
#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	1450'	04°32'23"	114.89'	N03°20'10"W	114.86'
C2	1450'	02°29'20"	62.99'	N06°51'01"W	62.98'
C3	1450'	04°59'06"	126.16'	N10°35'14"W	126.12'
C4	1450'	07°07'32"	180.33'	N16°38'33"W	180.21'
C5	1450'	03°07'37"	79.14'	N21°46'08"W	79.13'
C6	1450'	05°14'48"	132.78'	N25°57'21"W	132.73'
C7	1450'	14°35'58"	369.47'	N12°54'20"W	368.48'



FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

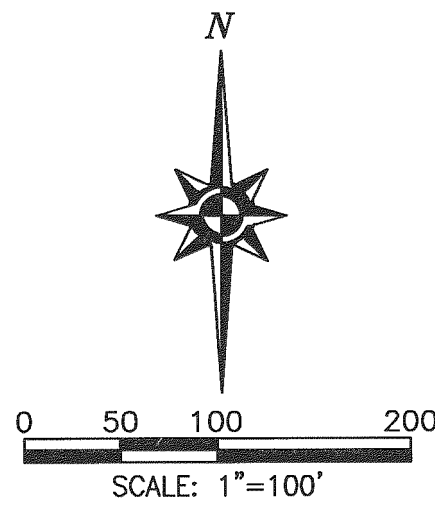
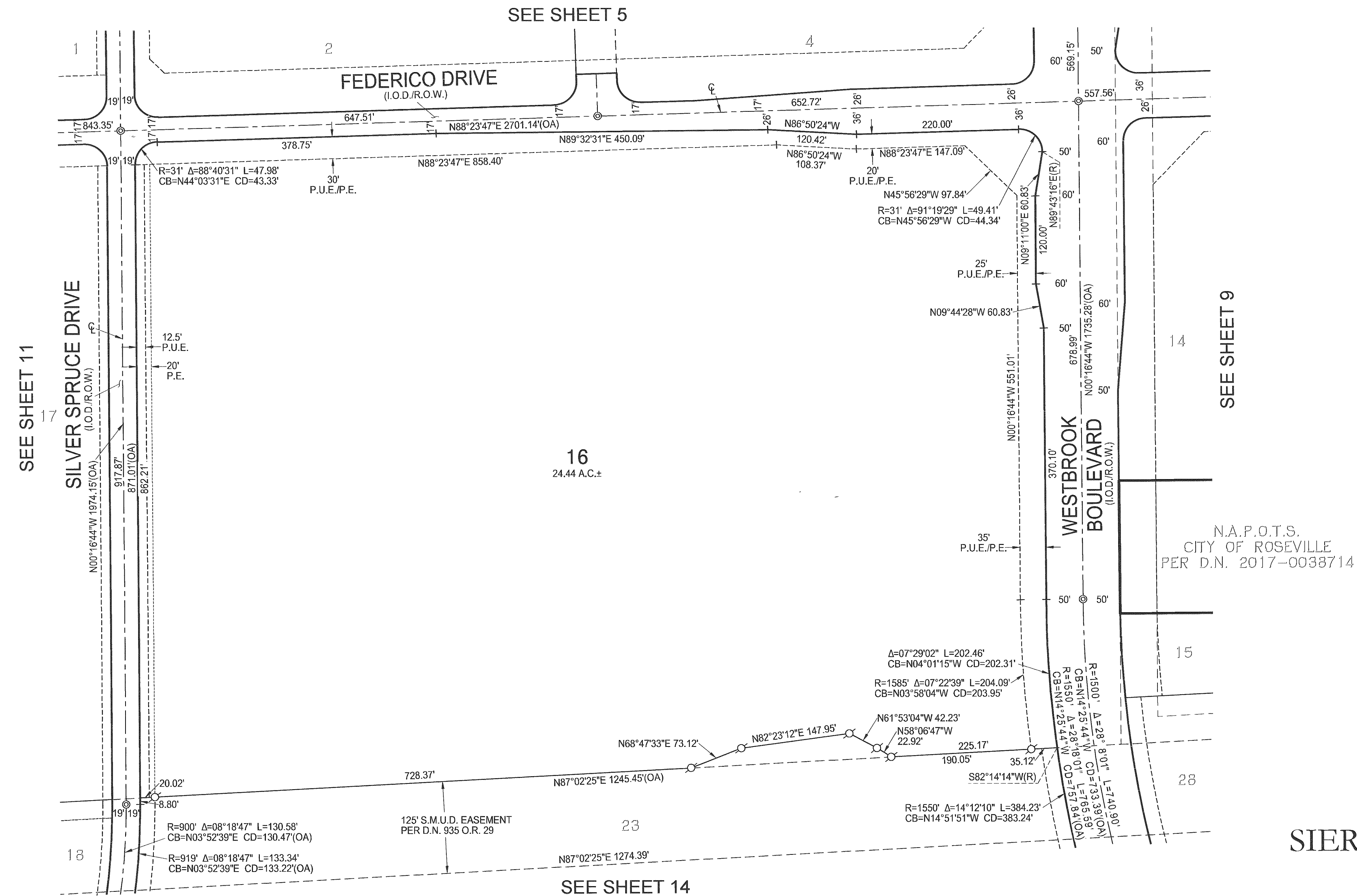
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SHEET 9 OF 23 18254.FED



FINAL MAP OF
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LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

THE SOUTH 1056 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

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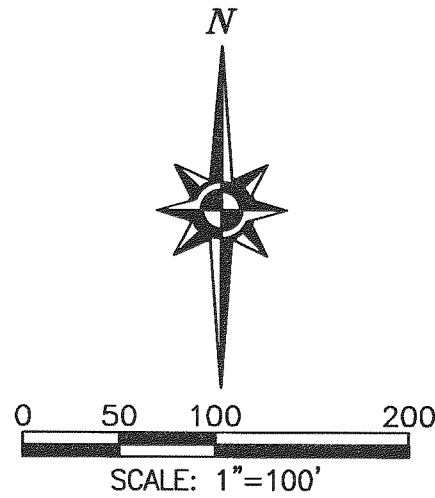
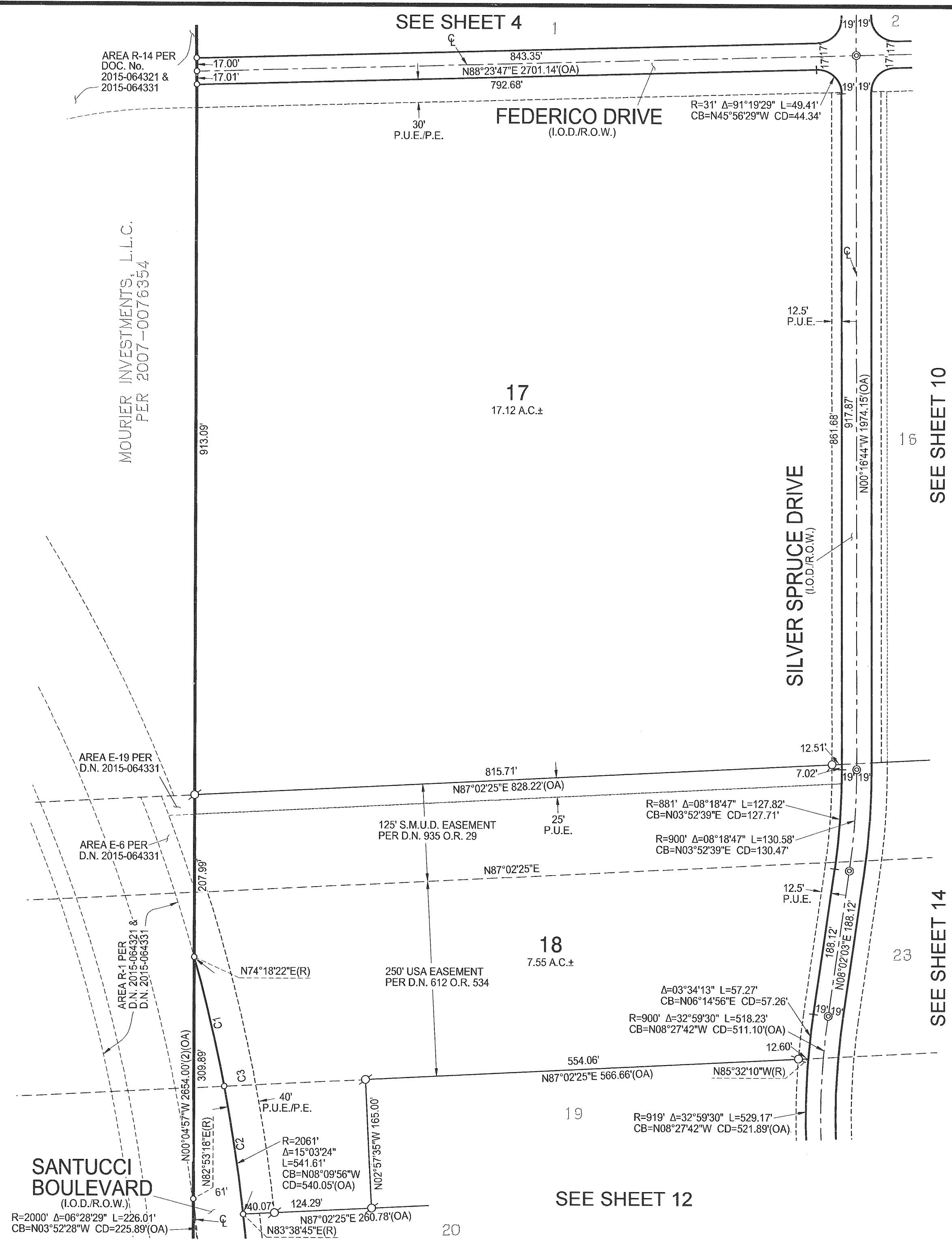
SHEET 10 OF 23 18254.FED

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND,
NOTES AND REFERENCES.

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

CURVE TABLE

#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	2061'	04°36'40"	165.88'	N08°39'35"W	165.82'
C2	2061'	04°43'44"	170.10'	N13°19'46"W	170.05'
C3	2061'	09°20'23"	335.96'	N11°01'26"W	335.59'



FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

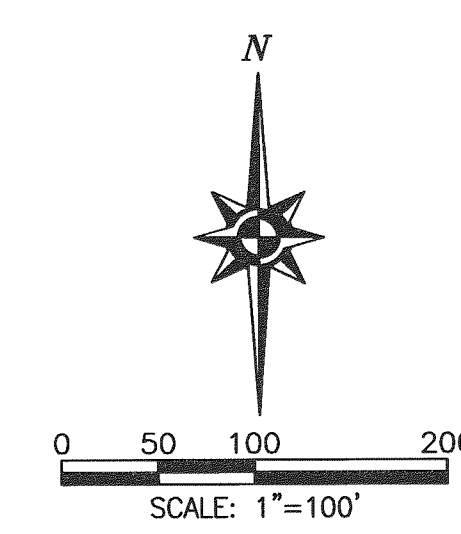
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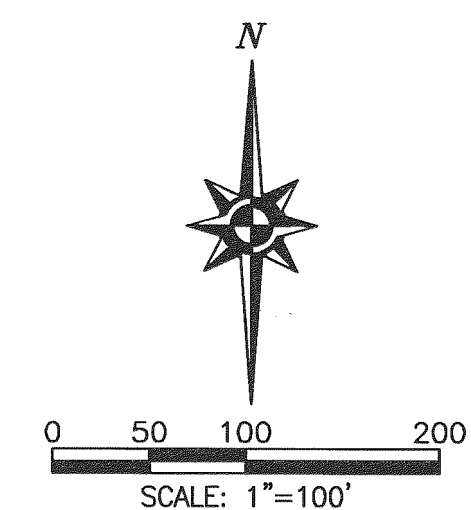
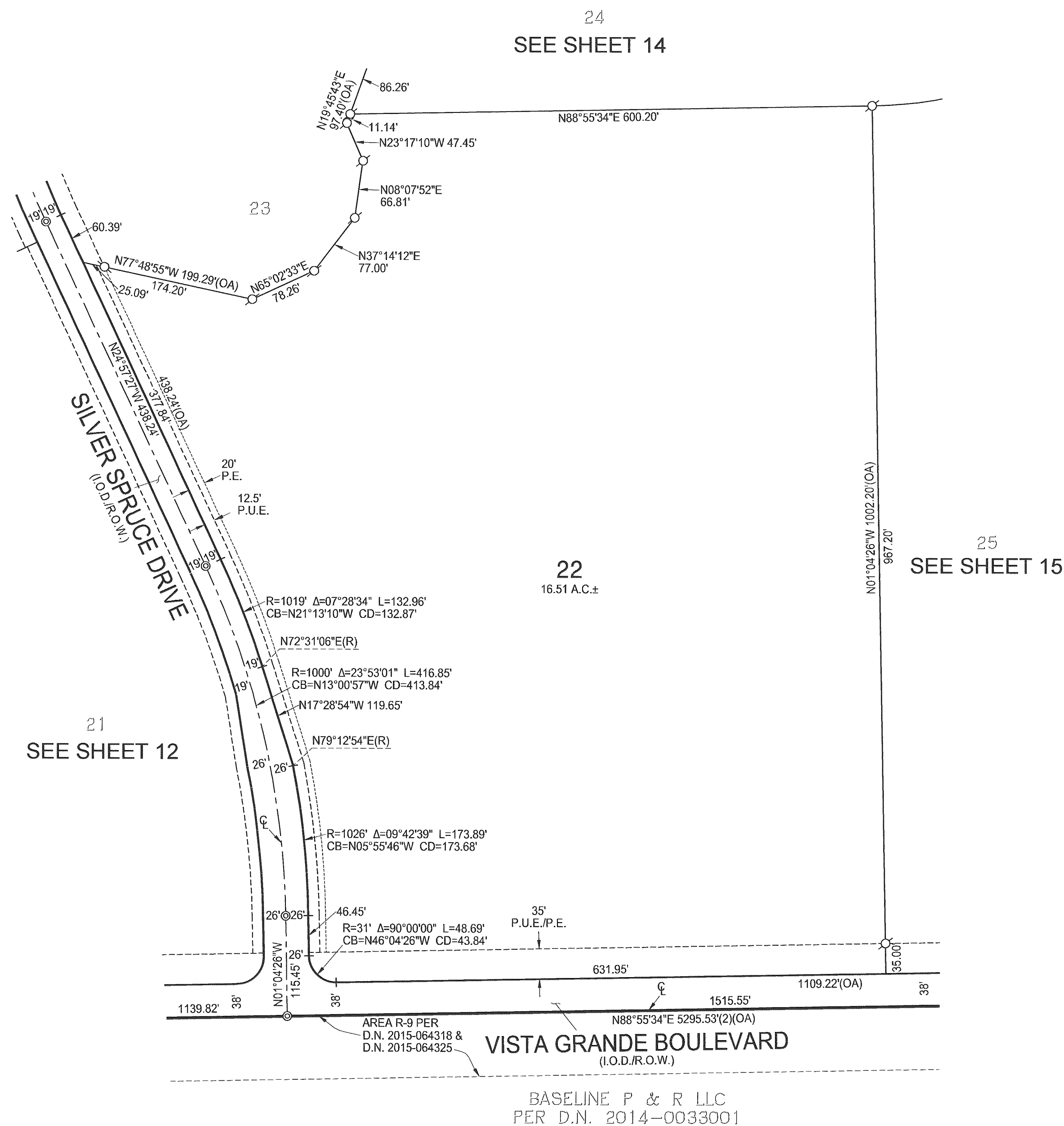
SHEET 11 OF 23 18254.FED



THE SOUTH 1056 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

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FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

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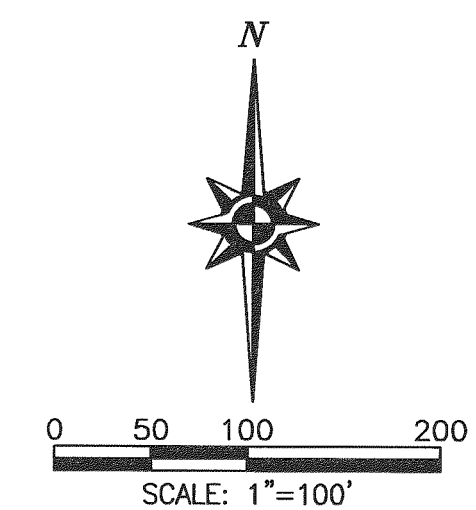
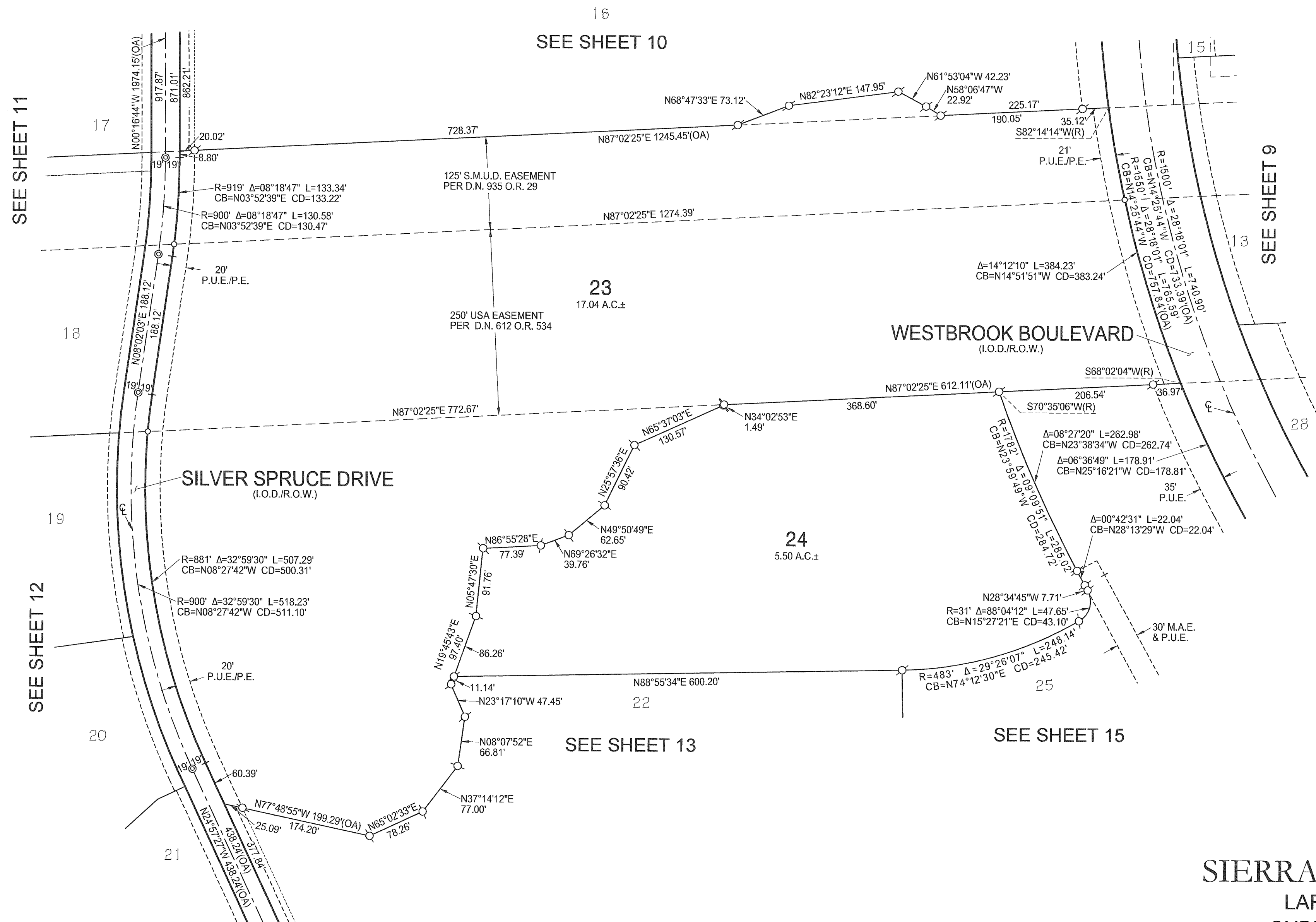
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NOTES AND REFERENCES.



FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

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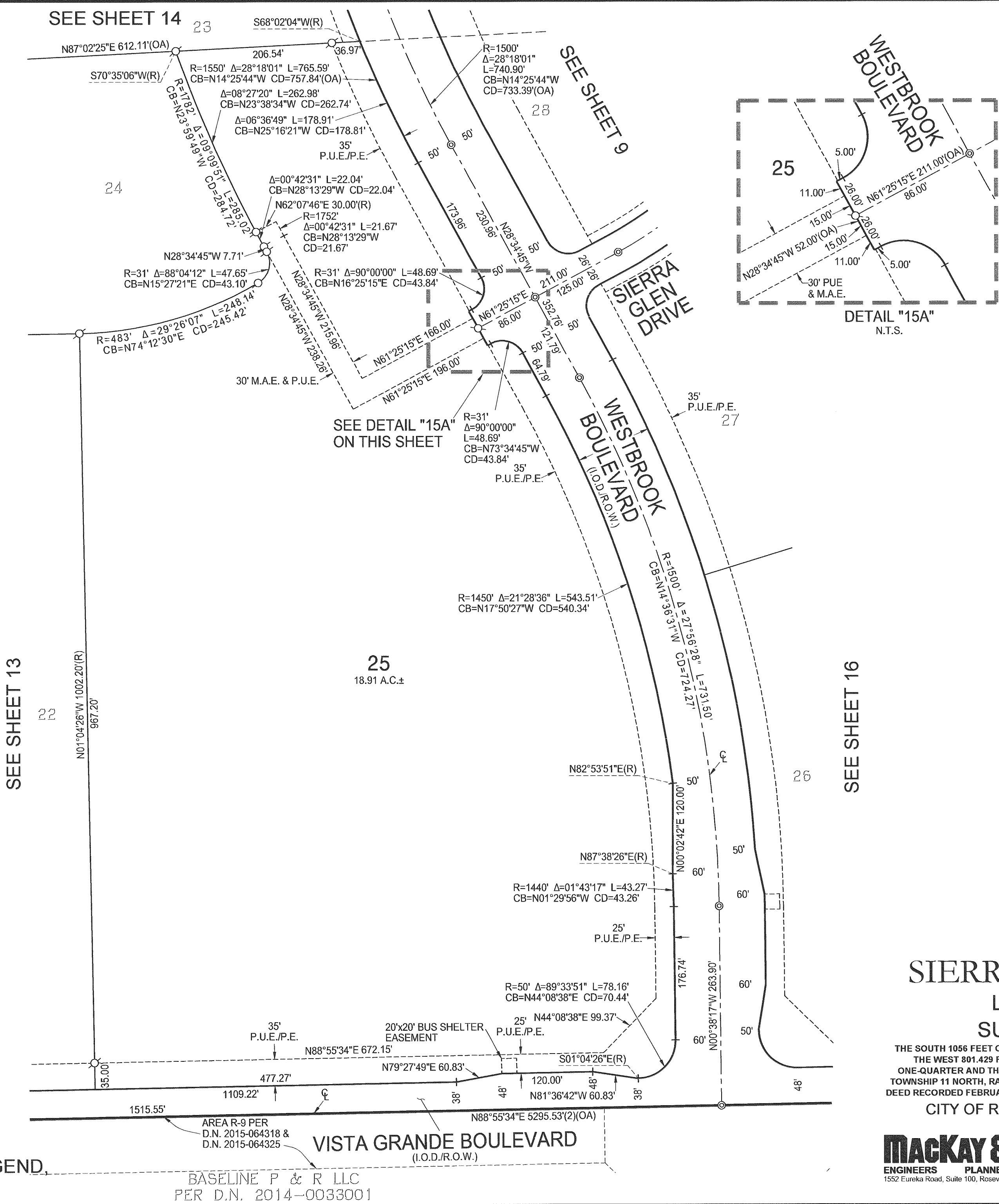
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NOTES AND REFERENCES.

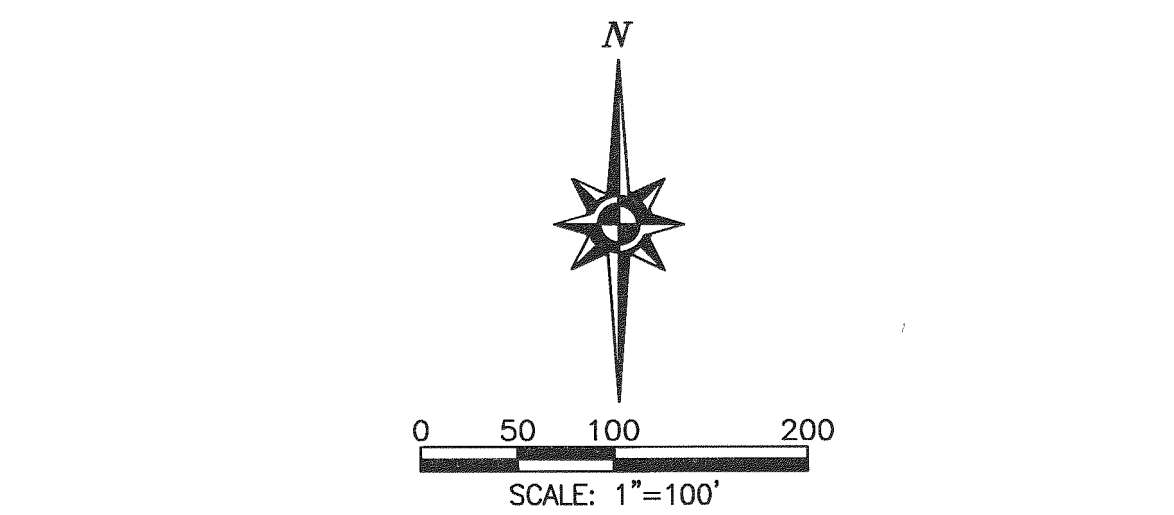
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BASELINE P & R LLC
PER D.N. 2014-0033001



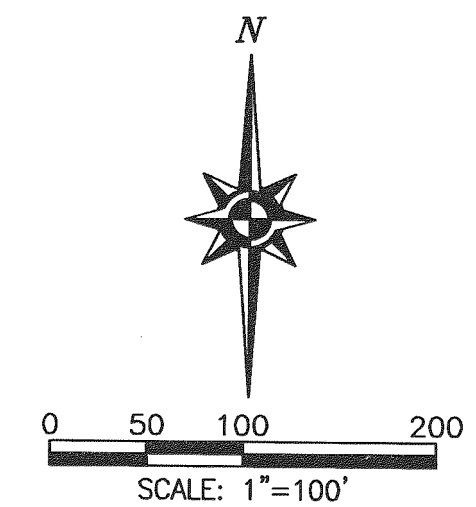
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SIERRA VISTA - FEDERICO
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FINAL MAP OF
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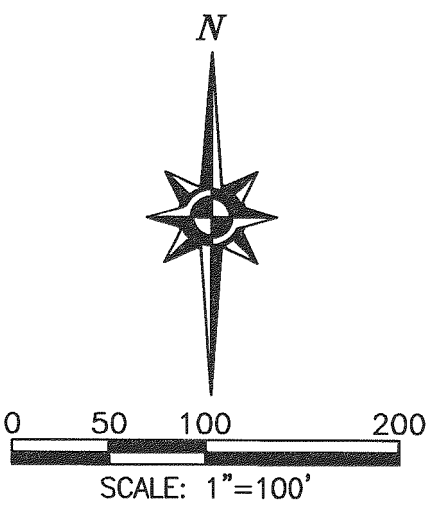
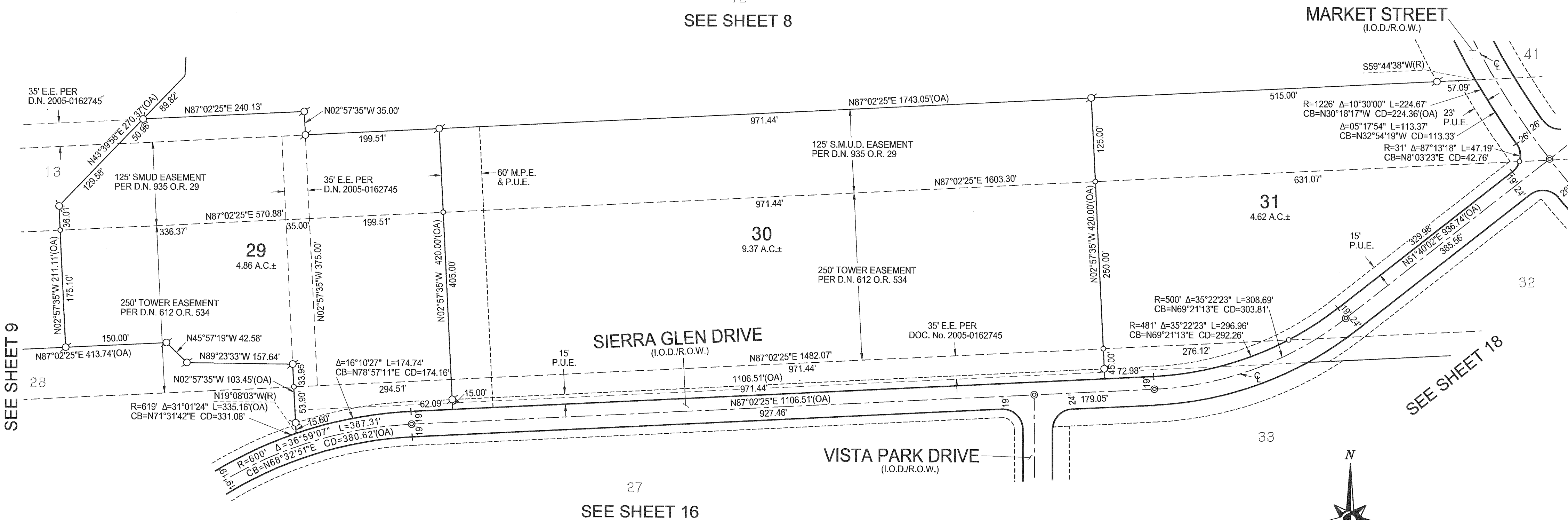
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SEE SHEET 8



FINAL MAP OF
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LARGE LOT SUBDIVISION
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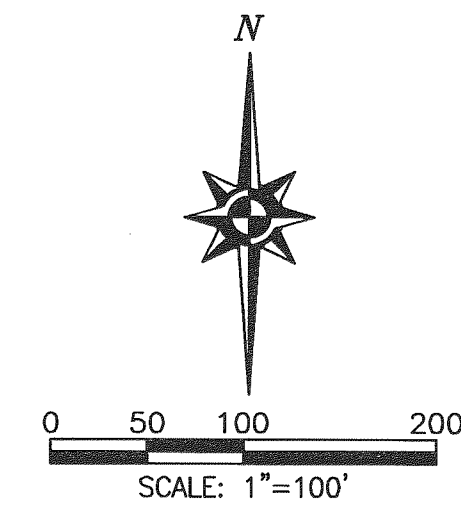
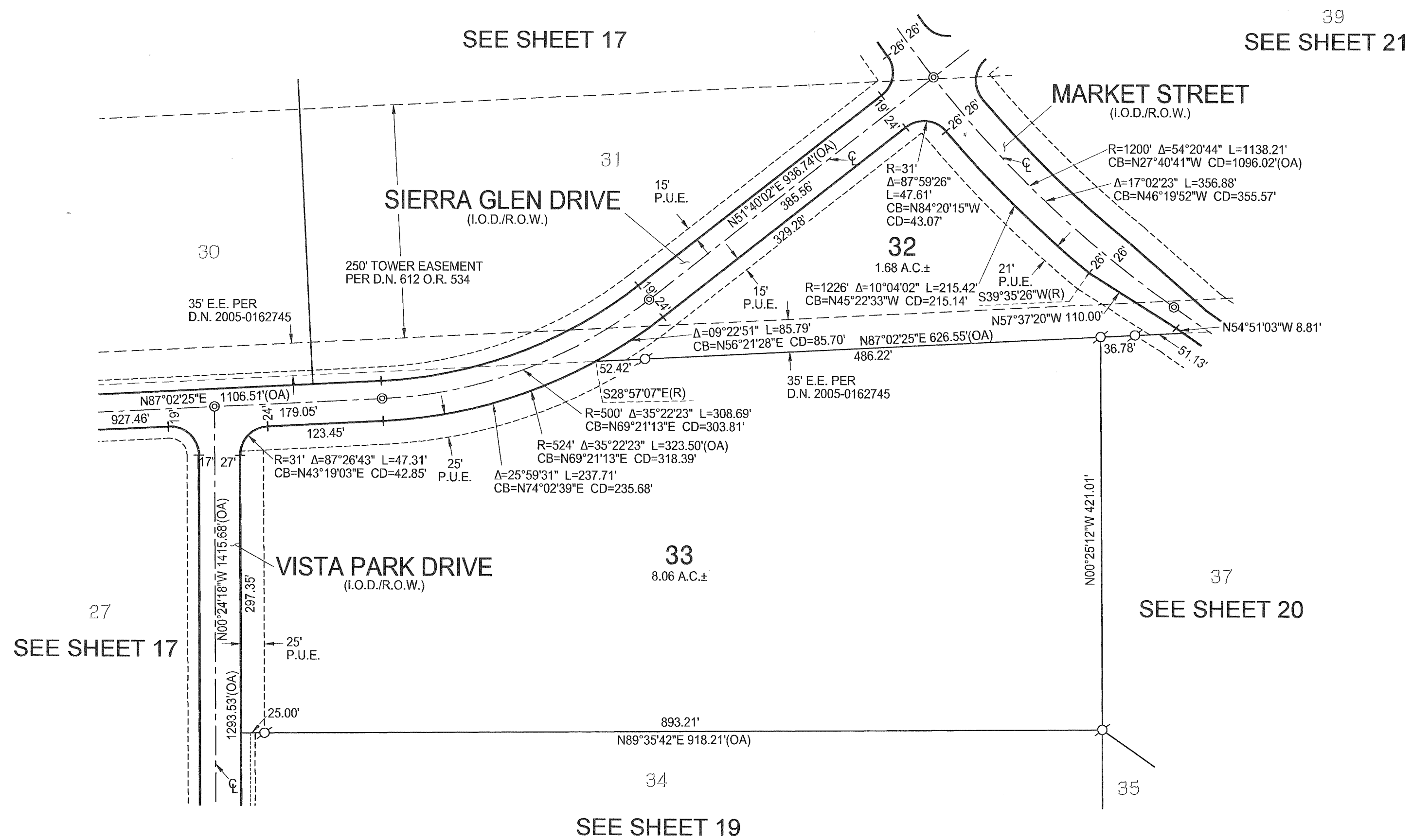
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SHEET 17 OF 23 18254.FED

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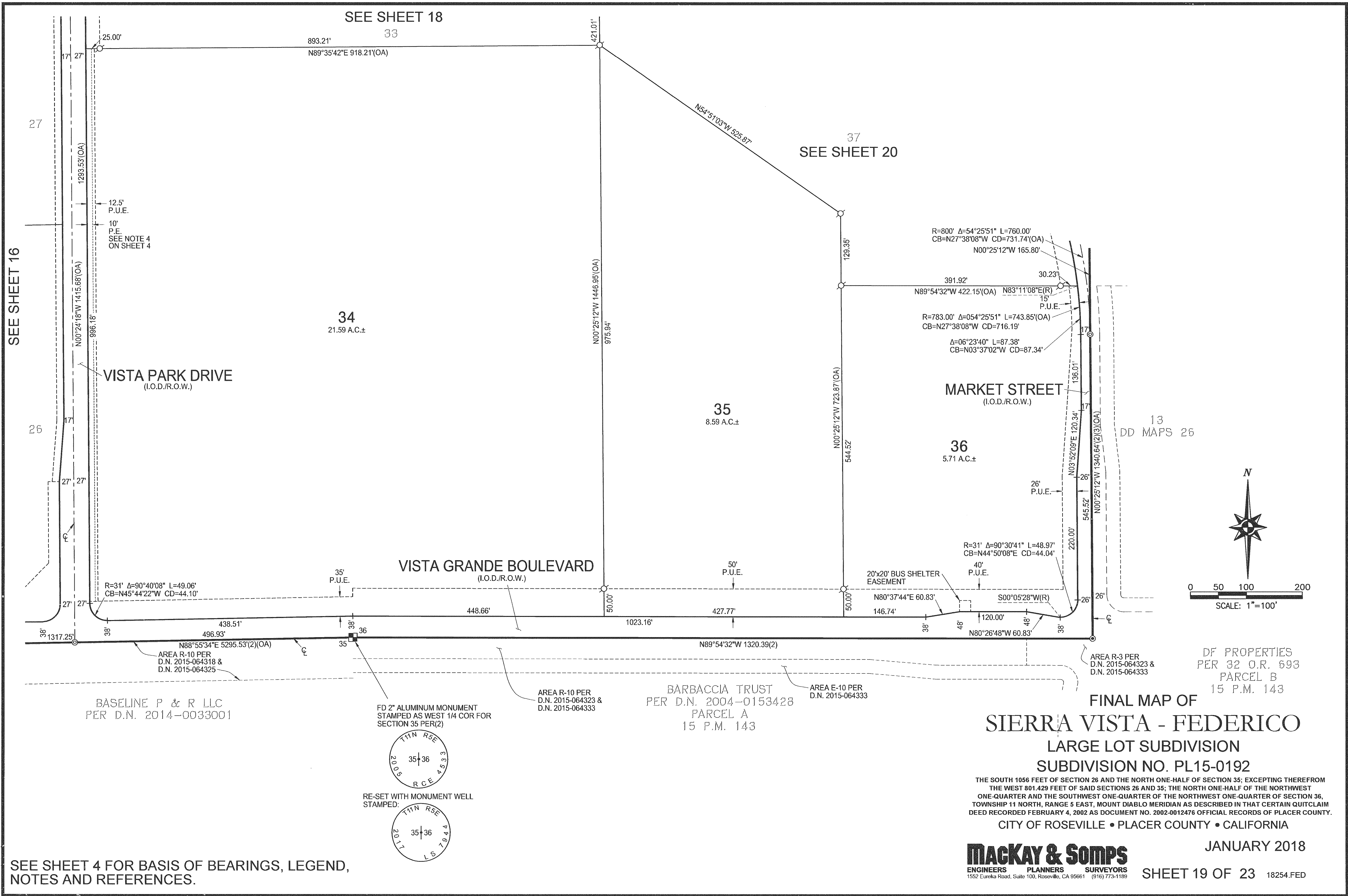
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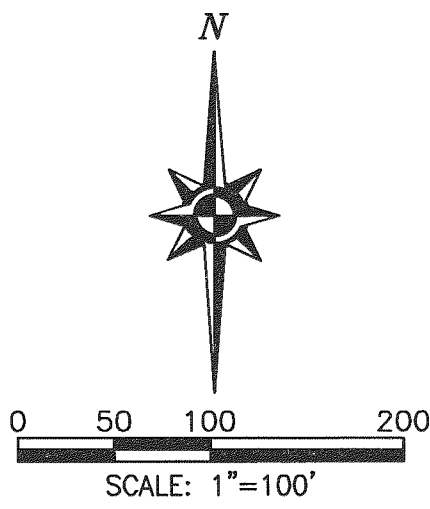
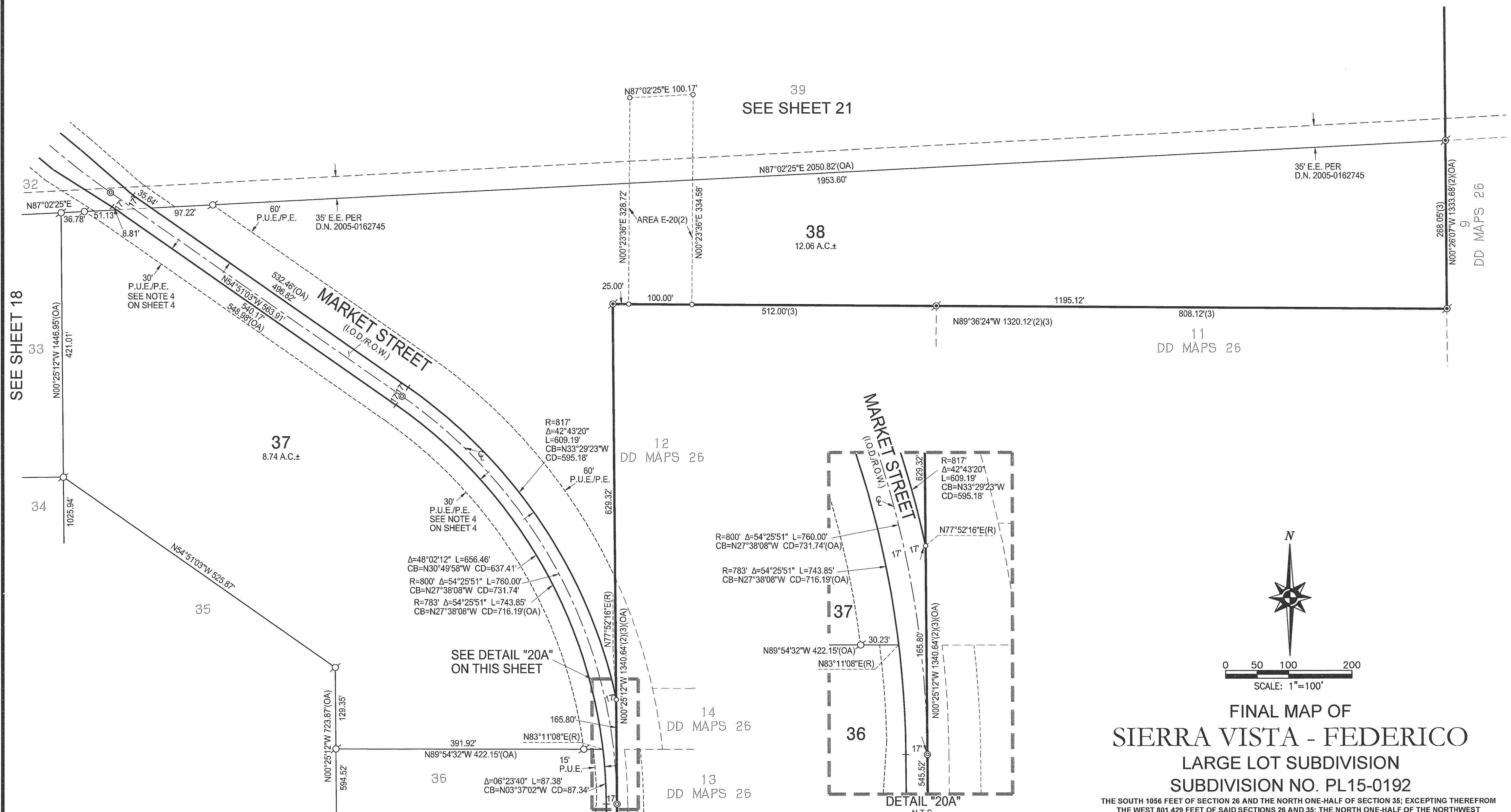
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SHEET 18 OF 23 18254.FED





FINAL MAP OF
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SUBDIVISION NO. PL15-0192

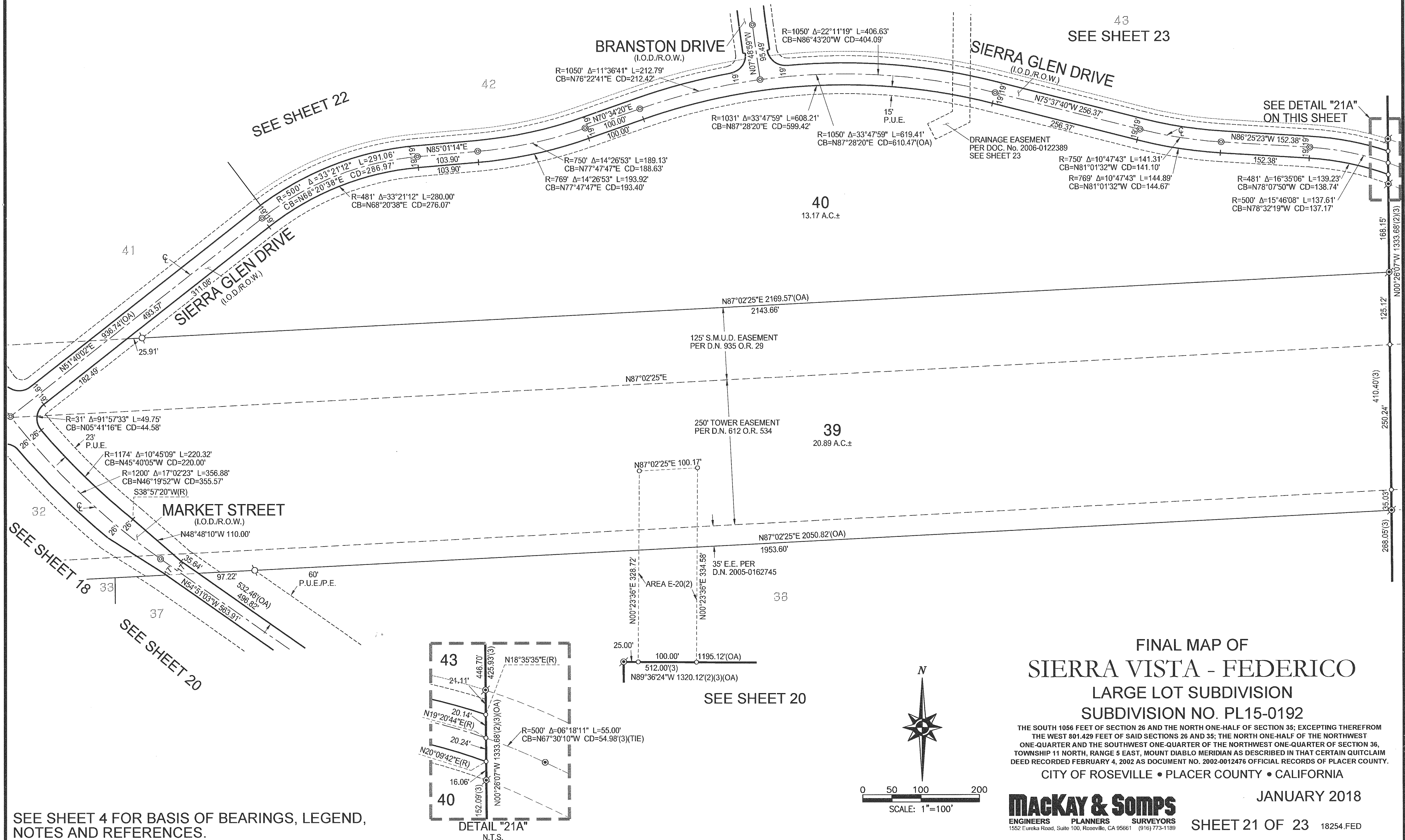
THE SOUTH 1056 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

CITY OF ROSEVILLE • PLACER COUNTY • CALIFORNIA

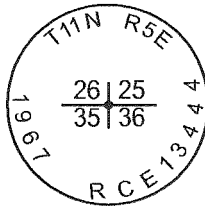
JANUARY 2018

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

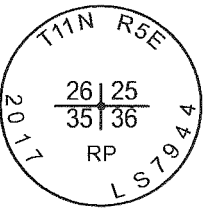
MACKAY & SOMPS
ENGINEERS PLANNERS SURVEYORS
1552 Eureka Road, Suite 100, Roseville, CA 95661 (916) 773-1189



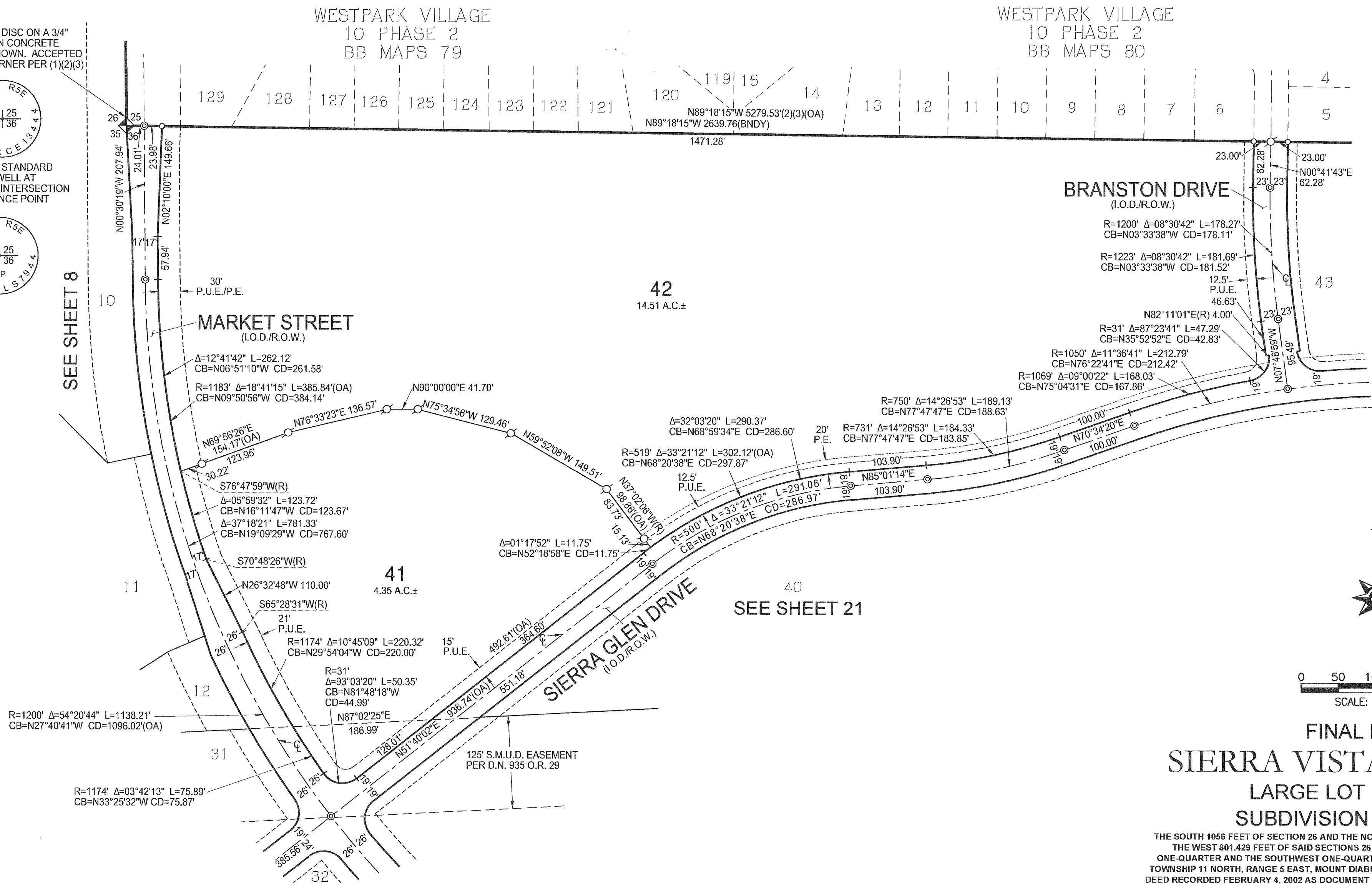
FD 1-1/2" BRASS DISC ON A 3/4" IRON ROD SET IN CONCRETE STAMPED AS SHOWN. ACCEPTED AS SECTION CORNER PER (1)(2)(3)



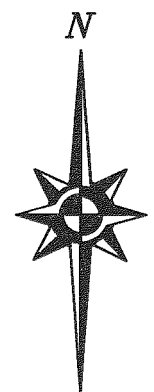
RE-SET WITH STANDARD MONUMENT WELL AT CENTERLINE INTERSECTION FOR REFERENCE POINT STAMPED:



SEE SHEET 8



SEE SHEET 23



0 50 100 200
SCALE: 1"=100'

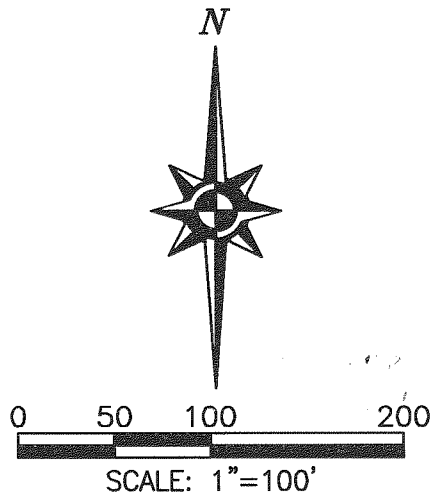
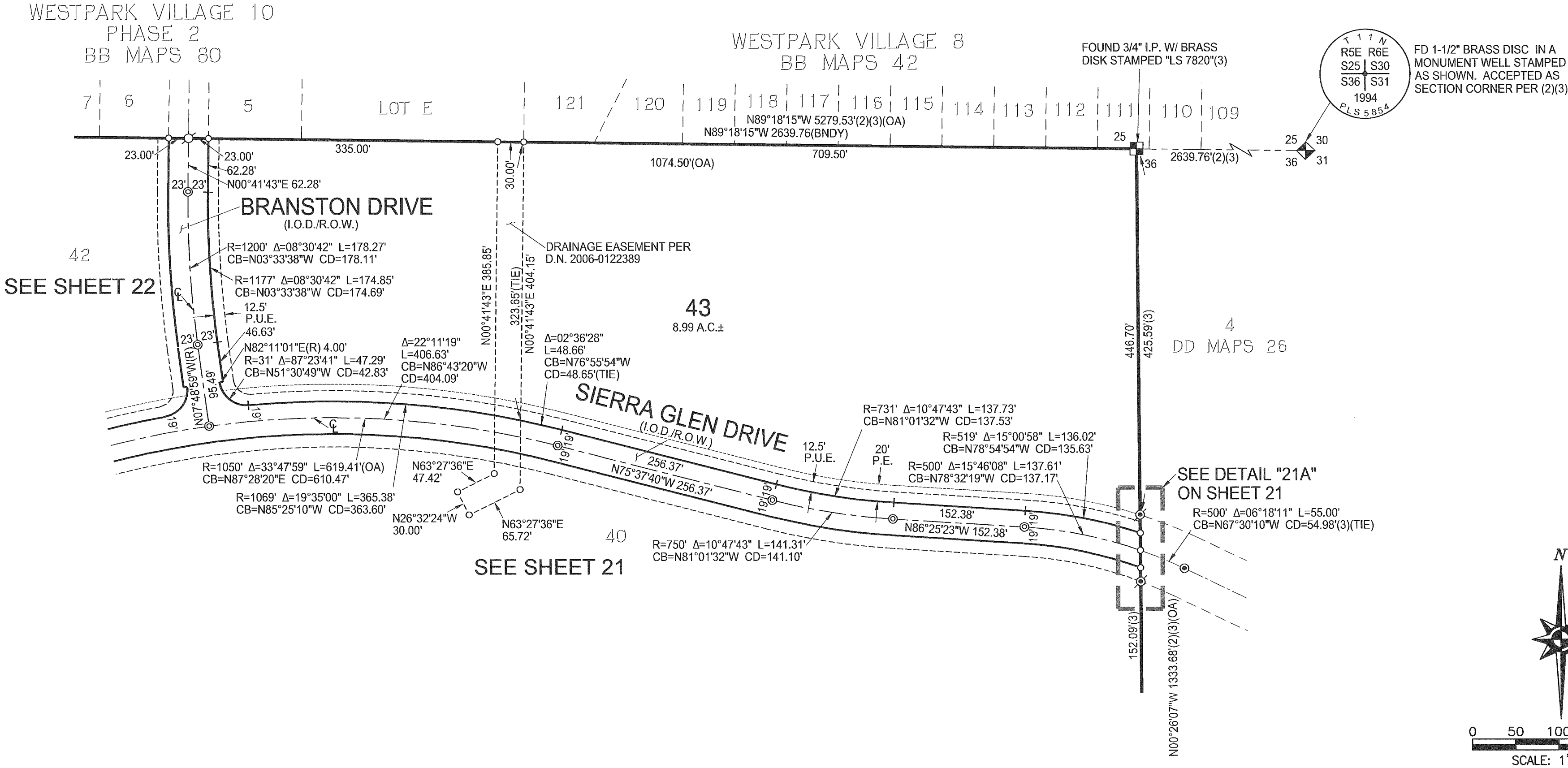
FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

THE SOUTH 1056 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.
CITY OF ROSEVILLE • PLACER COUNTY • CALIFORNIA

JANUARY 2018

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

Mackay & Somps
ENGINEERS PLANNERS SURVEYORS
1552 Eureka Road, Suite 100, Roseville, CA 95661 (916) 773-1189



FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

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CITY OF ROSEVILLE • PLACER COUNTY • CALIFORNIA

JANUARY 2018

Mackay & Somp
ENGINEERS PLANNERS SURVEYORS
1552 Eureka Road, Suite 100, Roseville, CA 95661 (916) 773-1189

SHEET 23 OF 23 18254.FED

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.



COUNCIL COMMUNICATION

CC #: 0708

File #: 0400-04-12-1

Title: Sierra Vista - Federico/Westpark Ph 1 Westbrook Blvd and Earl Rush Drive
(Formally known as Federico Drive) - Notice of Completion

Contact: Troy Galvin 916-223-7441 jtgalvin@roseville.ca.us

Meeting Date: 4/15/2020

Item #: 6.7.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt the attached resolution accepting Sierra Vista - Federico/ Westpark Ph 1 Westbrook Blvd and Earl Rush Dr (Formally known as Federico Dr), CWJ#180059, as complete and authorizing the City Engineer to execute the Notice of Completion.

BACKGROUND

The Engineering Division has made a final inspection of the above project and has found the roadway infrastructure work complete in accordance with the improvement plans and City specifications.

FISCAL IMPACT

The actions requested as part of this action have no impact to the City's General Fund. Construction costs were paid by the developer.

ENVIRONMENTAL REVIEW

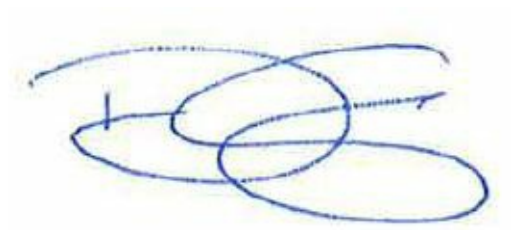
The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378.

Sierra Vista - Federico/ West Park Ph 1 Westbrook Blvd and Earl Rush Dr (Formally known as Federico Dr) meets the above criteria and is not subject to CEQA. No additional environmental review is required.

Respectfully Submitted,

Troy Galvin Construction Inspector

Mike Isom, Development Services Director

A handwritten signature in blue ink, appearing to read 'D. Casey', is positioned above a horizontal line.

Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 20-114

NOC

Exhibit A

Final Map

RESOLUTION NO. 20-114

RESOLUTION OF THE COUNCIL OF THE CITY OF ROSEVILLE ACCEPTING THE PUBLIC WORK KNOWN AS SIERRA VISTA FEDERICO/WESTPARK PH 1 WESTBROOK BLVD & EARL RUSH DR (FORMALLY KNOWN AS FEDERICO DR) PROJECT, APPROVING THE "NOTICE OF COMPLETION", AND AUTHORIZING AND DIRECTING THE CITY ENGINEER TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE, THEREFORE, AND ACCEPTING A PORTION OF THE DEDICATIONS OFFERED ON THE RECORDED MAP OF THE SUBDIVISION.

BE IT RESOLVED by the Council of the City of Roseville as follows:

1. The "Notice of Completion" on file in the City Clerk's Department relative to that public work known as the Sierra Vista Federico/Westpark Ph 1 Westbrook Blvd & Earl Rush Dr (Formally known as Federico) is hereby approved and the public work accepted.
2. A portion of the right-of-way and easements offered for dedication on the final map of Sierra Vista Federico Large Lot Subdivision recorded in Book EE of Maps, Page 6, in the office of the recorder of Placer County, is hereby accepted by the City in part as said dedications relates to the improvement plan set known as Sierra Vista Federico/Westpark Ph 1 Westbrook Blvd & Earl Rush Dr (Formally known as Federico).
3. The City Engineer is hereby authorized and directed to execute said Notice on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville, this _____ day of _____, 20____, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

CITY CLERK

RECORDING REQUESTED BY AND WHEN
RECORDED MAIL TO:

CITY CLERK
CITY OF ROSEVILLE
311 VERNON STREET
ROSEVILLE, CA 95678

Exempt from recording fees
Pursuant to Gov't Code §27383

NOTICE OF COMPLETION

NOTICE IS HEREBY GIVEN that the public work of improvement known as the _____ Project was completed and accepted by the City of Roseville on _____. The location is situated in the City of Roseville, County of Placer, State of California and is indicated on the attached map, marked as Exhibit "A" and incorporated herein by this reference. The real property herein described is owned by the City of Roseville, 311 Vernon Street, Roseville CA 95678.

The direct/general contractor on said project was _____.

The surety on said project was _____.

City of Roseville
Owner

ATTEST:

Sonia Orozco, City Clerk

State of California)
County of Placer)

I, _____, being first duly sworn, depose and say: I am the _____ of the City of Roseville, a municipal corporation in the State of California, owner of the property described in the above Notice. I am duly authorized to make this verification for and on behalf of the City of Roseville. I have read the Notice of Completion and know its contents and the facts stated therein are true.

City of Roseville

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.
--

State of California)
County of Placer)

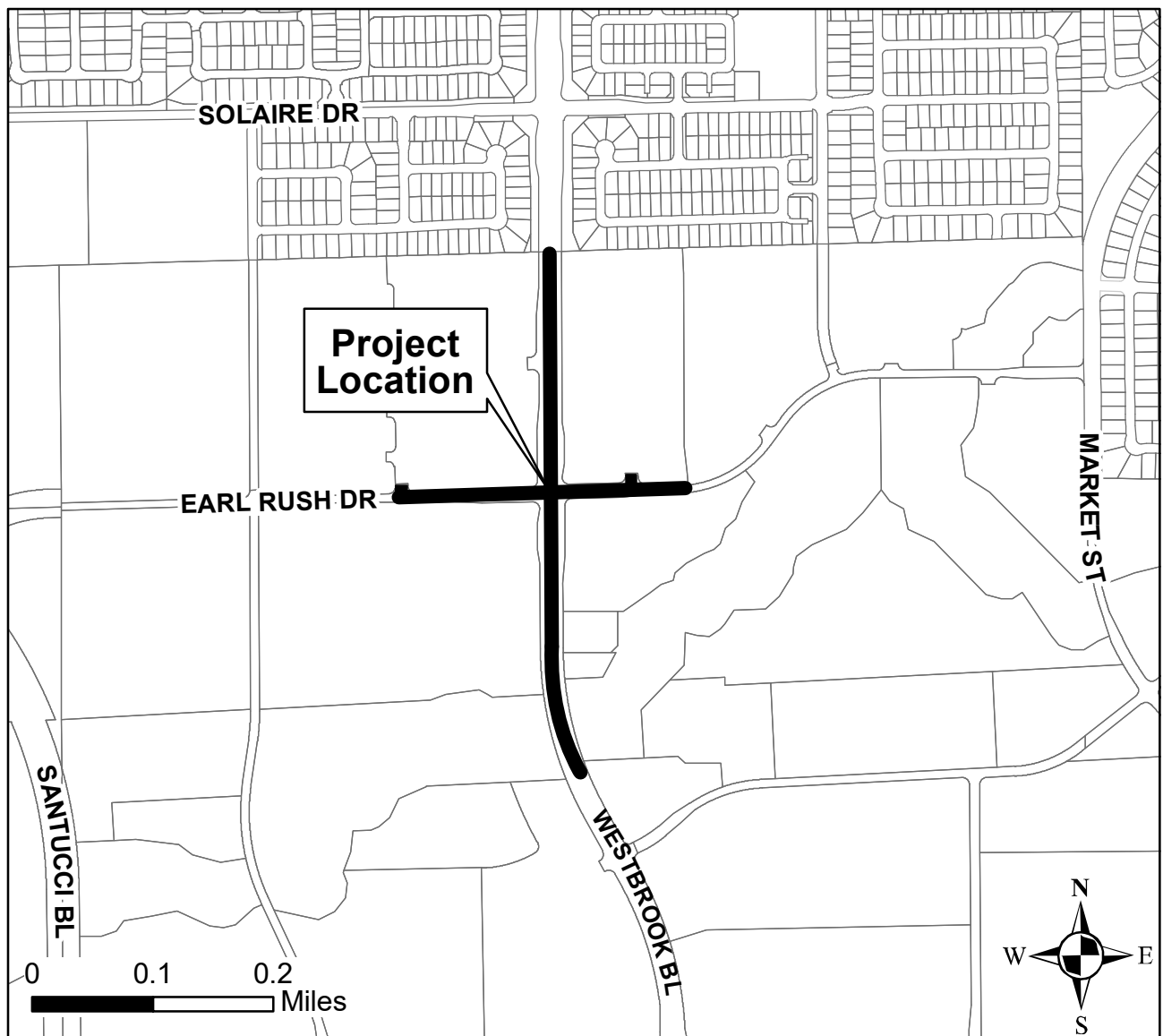
Subscribed and sworn to (or affirmed) before
me on this _____ day of _____,
20____, _____
proved to me on the basis of satisfactory
evidence to be the person(s) who appeared
before me.

Place Notary Seal and/or Stamp Above

Signature of Notary Public

EXHIBIT A

City of Roseville Sierra Vista - Federico/Westpark Phase 1 Westbrook Boulevard and Earl Rush Drive



OWNER'S STATEMENT

THE UNDERSIGNED HEREBY CERTIFY THAT THEY ARE THE ONLY PERSONS HAVING ANY RECORD TITLE INTEREST IN THE REAL PROPERTY INCLUDED WITHIN THE SUBDIVISION SHOWN UPON THIS FINAL MAP OF "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION" AND THEY HEREBY CONSENT TO THE PREPARATION AND RECORDATION OF THIS FINAL MAP AND HEREBY OFFER FOR DEDICATION AND DO HEREBY DEDICATE FOR SPECIFIC PURPOSES THE FOLLOWING:

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS EASEMENT FOR PUBLIC PURPOSES:

- (A) PUBLIC EASEMENTS FOR THE INSTALLATION AND MAINTENANCE OF, BUT NOT LIMITED TO ELECTROLIERS, WATER AND GAS PIPES, SEWER AND DRAINAGE PIPES, AND FOR UNDERGROUND WIRE AND CONDUITS FOR ELECTRIC, TELEPHONE AND TELEVISION SERVICES AND TRAFFIC CONTROL APPURTENANCES TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER, UNDER AND ACROSS THOSE STRIPS OF LAND LYING CONTIGUOUS TO THE RIGHT OF WAY AS SHOWN HEREON AND DESIGNATED "P.U.E." (PUBLIC UTILITY EASEMENT).
- (B) PUBLIC UTILITY EASEMENT (P.U.E.) FOR INSTALLATION AND MAINTENANCE OF WATER, SEWER, GAS PIPES, ELECTROLIERS , TRAFFIC CONTROL APPURTENANCES, AND FOR POLES AND UNDERGROUND WIRES AND CONDUITS FOR ELECTRIC POWER THAT IS LIMITED BY THIS EASEMENT TO A MAXIMUM OF 13,000 VOLTS, AND TELEVISION AND TELEPHONE SERVICES TOGETHER WITH ALL APPURTENANCES PERTAINING THERETO, ON, UNDER AND ACROSS THOSE STRIPS OF LAND LYING BETWEEN THE SIDELINES OF THE RIGHTS OF WAY AND THE LINES DELINEATED P.U.E., LOCATED ON LOT 34.
- (C) PUBLIC EASEMENT FOR THE INGRESS AND EGRESS OF EMERGENCY VEHICLES AND UTILITY MAINTENANCE VEHICLES, TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER AND ACROSS THOSE STRIPS OF LAND SHOWN HEREON AND DESIGNATED "M.A.E." (MAINTENANCE ACCESS EASEMENT).
- (D) PUBLIC EASEMENT FOR THE INSTALLATION AND MAINTENANCE OF A BUS SHELTER TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER AND ACROSS THAT STRIP OF LAND SHOWN HEREON AND DESIGNATED "BUS SHELTER EASEMENT".
- (E) A PUBLIC EASEMENT FOR PEDESTRIAN / BICYCLE ACCESS AND THE INSTALLATION, REPAIR, REMOVAL OR REPLACEMENT OF LANDSCAPING TOGETHER WITH ANY AND ALL APPURTENANCES THERETO, ON, OVER, UNDER AND ACROSS THOSE STRIPS OF LAND SHOWN HEREON AND DESIGNATED "PASEO EASEMENT" (P.E.).

THE REAL PROPERTY DESCRIBED BELOW IS IRREVOCABLY DEDICATED IN FEE FOR PUBLIC PURPOSES:

- (A) AS PUBLIC RIGHT OF WAY (INCLUDING ALL IMPROVEMENTS THEREON) THE STREETS SHOWN HEREON AS SANTUCCI BOULEVARD, VISTA GRANDE BOULEVARD, WESTBROOK BOULEVARD, BRANSTON DRIVE, FEDERICO DRIVE, SIERRA GLEN DRIVE, SUMMERFAIRE DRIVE, SILVER SPRUCE DRIVE, VISTA PARK DRIVE, MARKET STREET AND THE AREAS SHOWN HEREON AS I.O.D. / R.O.W.
- (B) LOT 28 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR A FIRE STATION.
- (C) LOTS 8, 11, 13, 20, 23, 29, 30, 31, 32, 39 AND 40 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR OPEN SPACE PURPOSES.
- (D) LOTS 3, 9, 24 AND 33 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR A PARK PURPOSES.
- (E) LOT 34 SHOWN HEREON IS HEREBY RESERVED TO BE DEDICATED IN THE FUTURE AS A SCHOOL SITE.
- (F) LOT 19 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR A WATER TREATMENT/ WELL SITE.
- (G) LOT 15 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR A RECYCLING CENTER.

FEDERICO/TYLER FAMILY LIMITED PARTNERSHIP,
A CALIFORNIA LIMITED PARTNERSHIP
BY: THE JAMES A. FEDERICO AND GRACE R. FEDERICO FAMILY REVOCABLE TRUST AS AMENDED AND RESTATED IN 2005, GENERAL PARTNER

BY: Leonard A. Federico
LEONARD A. FEDERICO,
TRUSTEE OF THE JAMES A. FEDERICO AND GRACE R. FEDERICO FAMILY REVOCABLE TRUST, AS AMENDED AND RESTATED IN 2005, GENERAL PARTNER

BY: Leonard A. Federico
LEONARD A. FEDERICO,
GENERAL PARTNER

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA

COUNTY OF Fresno

ON December 21, 2017 BEFORE ME, Pauline J. Moore, Notary Public,

PERSONALLY APPEARED Leonard A. Federico
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/ THEY EXECUTED THE SAME IN HIS/HER/ THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/ THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

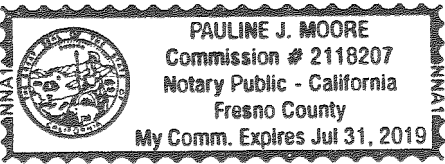
I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND and official Seal.

Pauline J. Moore Pauline J. Moore
SIGNATURE PRINTED NAME

MY PRINCIPAL PLACE OF BUSINESS IS Fresno COUNTY

MY COMMISSION EXPIRES: July 31, 2019 MY COMMISSION NUMBER: 2118207



SUBDIVISION MAP ACT SECTION 66477.5 CERTIFICATE

PURSUANT TO SECTION 66477.5 OF THE SUBDIVISION MAP ACT THE CITY OF ROSEVILLE SHALL RECONVEY LOTS 15, 19 & 28 AS DEDICATED TO THE CITY ON THE MAP OF SUBDIVISION NO. PL15-0192, SIERRA VISTA FEDERICO LARGE LOT SUBDIVISION, TO THE SUBDIVIDER NAMED BELOW IF THE CITY OF ROSEVILLE MAKES A DETERMINATION THAT THE SAME PUBLIC PURPOSE FOR WHICH THE PROPERTY WAS DEDICATED DOES NOT EXIST, OR THE PROPERTY OR ANY PORTION THEREOF IS NOT NEEDED FOR PUBLIC UTILITIES EXCEPT FOR ANY PORTION OF THE PROPERTY THAT IS REQUIRED FOR THE SAME PUBLIC PURPOSE OR PUBLIC UTILITIES.

SUBDIVIDER: FEDERICO / TYLER FAMILY LIMITED PARTNERSHIP
A CALIFORNIA LIMITED PARTNERSHIP

ADDRESS: 2144 SHEILAH WAY
SACRAMENTO, CA 95822

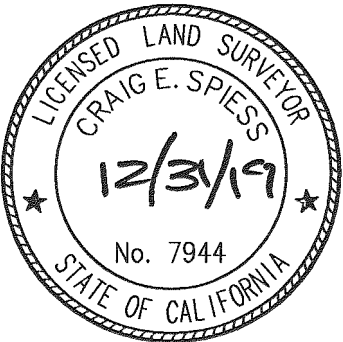
SURVEYOR'S STATEMENT

THIS FINAL MAP OF "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION" WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCES AT THE REQUEST OF MOURIER INVESTMENTS, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY AND WESTPARK SIERRA VISTA LLC, IN NOVEMBER 2016. I HEREBY STATE THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO THE APPROVED OR CONDITIONALLY APPROVED TENTATIVE MAP. ALL MONUMENTS SHOWN HEREON ARE OF THE CHARACTER AND WILL OCCUPY THE POSITIONS INDICATED, AND WILL BE SET BY DECEMBER 31, 2019 AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

MACKAY & SOMPS CIVIL ENGINEERS, INC.

Craig E. Spiess
CRAIG E. SPIESS, PLS 7844
EXPIRATION DATE: DECEMBER 31, 2019

DATE: 12/14/17



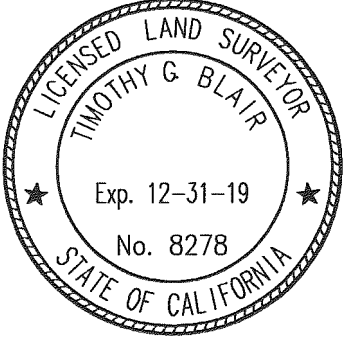
CITY ENGINEER'S STATEMENT

I HEREBY STATE THAT I HAVE EXAMINED THIS FINAL MAP OF "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION" AND FIND IT TO BE SUBSTANTIALLY THE SAME AS THE TENTATIVE MAP ON FILE AND ANY APPROVED ALTERATIONS THEREOF; THAT ALL PROVISIONS OF THE SUBDIVISION MAP ACT AND ALL APPLICABLE CITY ORDINANCES HAVE BEEN COMPLIED WITH.

Marc Stout DATE: 1/10/18
MARC STOUT, R.C.E. 69879
CITY ENGINEER, CITY OF ROSEVILLE
LICENSE EXPIRES: SEPTEMBER 30, 2018

I HEREBY STATE THAT I AM SATISFIED THIS THIS FINAL MAP OF "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION" IS TECHNICALLY CORRECT.

FOR MARC STOUT, CITY ENGINEER, CITY OF ROSEVILLE
Timothy G. Blair DATE: 1/10/18
TIMOTHY G. BLAIR, PLS 8278
EXPIRES DECEMBER 31, 2019



CITY CLERK'S STATEMENT

I HEREBY CERTIFY THAT THE CITY COUNCIL, CITY OF ROSEVILLE, HAS APPROVED THIS FINAL MAP OF "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION", AND HAS ACCEPTED ON BEHALF OF THE PUBLIC, SUBJECT TO IMPROVEMENT, THE EASEMENTS OFFERED HEREON FOR DEDICATION IN ACCORDANCE WITH THE TERMS OF THAT OFFER. THE CITY COUNCIL REJECTS AT THIS TIME, BUT RESERVES THE RIGHT TO ACCEPT AT A LATER DATE, ON BEHALF OF THE PUBLIC ALL IRREVOCABLE OFFERS OF DEDICATION IN ACCORDANCE WITH THE TERMS OF THOSE OFFERS AND DOES ALSO HEREBY APPROVE THE ABANDONMENT OF THE IRREVOCABLE OFFERS OF DEDICATION AND EASEMENT LISTED HEREON WITHIN NOTE 5 ON SHEET 4.

CITY CLERK, CITY OF ROSEVILLE
DATE: 01/11/18
BY: Assistant City Clerk
ASSISTANT CITY CLERK

RECORDER'S STATEMENT

FILED THIS 16th DAY OF February, 2018, AT 9:36 A.M. IN BOOK EE OF MAPS, AT PAGE 6, IN THE OFFICE OF THE PLACER COUNTY RECORDER, AT THE REQUEST OF MACKAY & SOMPS CIVIL ENGINEERS, INC.

Ryan Ronco DOCUMENT NO.: 2018-0010061
RECORDER OF PLACER COUNTY
STATE OF CALIFORNIA

BY: A. Mch FEE: \$ 149.00
DEPUTY

FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

THE SOUTH 1056 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

CITY OF ROSEVILLE • PLACER COUNTY • CALIFORNIA

JANUARY 2018

Mackay & Somps
ENGINEERS PLANNERS SURVEYORS
1552 Eureka Road, Suite 100, Roseville, CA 95661 (916) 773-1189

SHEET 1 OF 23 18254.FED

OWNER'S STATEMENT CONTINUED

BY: Anna J. Starks
ANNA J. STARKS,
GENERAL PARTNER
Federico/Tyler Family Limited Partnership

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA
COUNTY OF SACRAMENTO
ON JAN 4, 2018 BEFORE ME, SANDRA LESSARD, NOTARY PUBLIC
PERSONALLY APPEARED ANNA J. STARKS
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.
I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.
WITNESS MY HAND and Official Seal
Sandra Lessard SANDRA LESSARD
SIGNATURE PRINTED NAME
MY PRINCIPAL PLACE OF BUSINESS IS PLACER COUNTY
MY COMMISSION EXPIRES: OCT 18, 2020 MY COMMISSION NUMBER: 2165215

BY: Gary J. Federico
GARY J. FEDERICO
GENERAL PARTNER
Federico/Tyler Family Limited Partnership

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA
COUNTY OF SACRAMENTO
ON JAN 4, 2018 BEFORE ME, SANDRA LESSARD, NOTARY PUBLIC
PERSONALLY APPEARED GARY J. FEDERICO
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.
I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.
WITNESS MY HAND and Official Seal
Sandra Lessard SANDRA LESSARD
SIGNATURE PRINTED NAME
MY PRINCIPAL PLACE OF BUSINESS IS PLACER COUNTY
MY COMMISSION EXPIRES: OCT 18, 2020 MY COMMISSION NUMBER: 2165215

BY: Janet M. Wright
JANET M. WRIGHT,
GENERAL PARTNER
Federico/Tyler Family Limited Partnership

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA
COUNTY OF SACRAMENTO
ON JAN 4, 2018 BEFORE ME, SANDRA LESSARD, NOTARY PUBLIC
PERSONALLY APPEARED JANET M. WRIGHT
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.
I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.
WITNESS MY HAND and Official Seal
Sandra Lessard SANDRA LESSARD
SIGNATURE PRINTED NAME
MY PRINCIPAL PLACE OF BUSINESS IS PLACER COUNTY
MY COMMISSION EXPIRES: OCT 18, 2020 MY COMMISSION NUMBER: 2165215

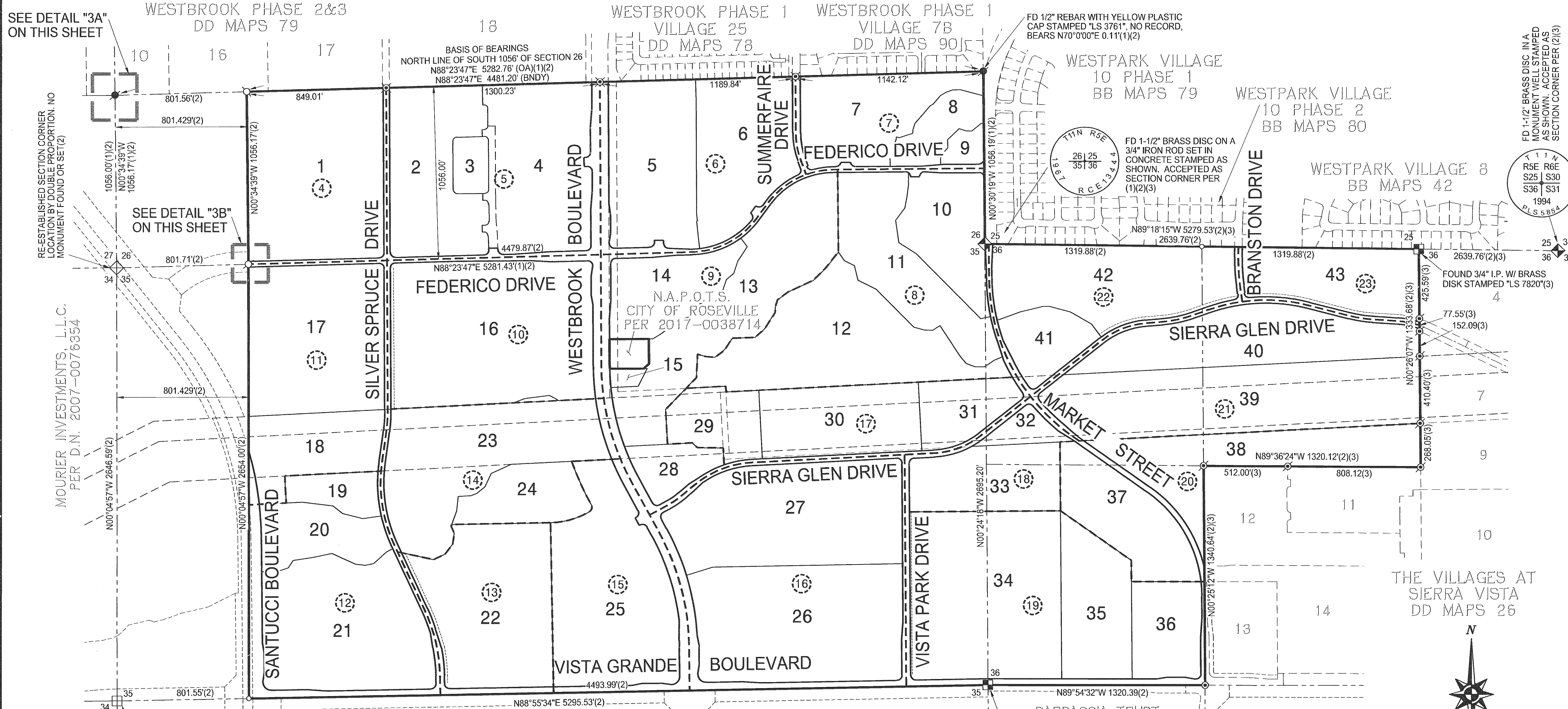
FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

THE SOUTH 1056 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

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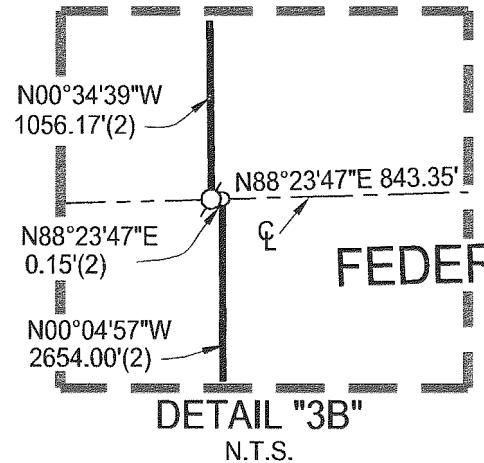
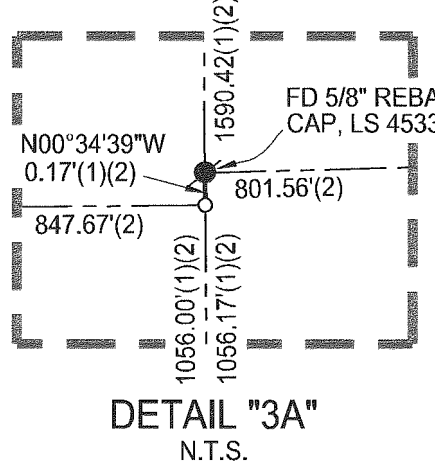
SEE DETAIL "3A" ON THIS SHEET

SEE DETAIL "3B" ON THIS SHEET

RE-ESTABLISHED SECTION CORNER LOCATION BY DOUBLE PROPORTION, NO MONUMENT FOUND OR SET(2)

MOURIER INVESTMENTS, L.L.C. PER D.N. 2007-00769554

E 1/4 CORNER OF SECTION 35 ESTABLISHED BY PROJECTION OF CENTER SECTION LINE FROM CENTER-EAST 1/16 CORNER PER (2)

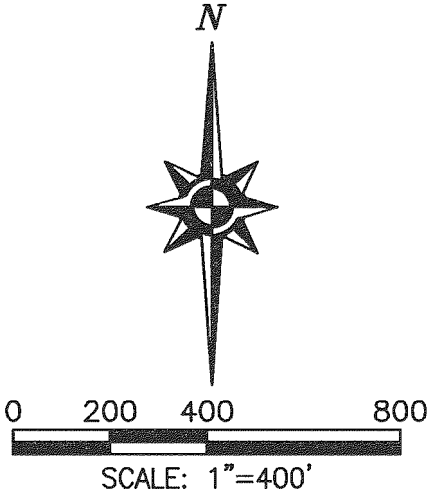


LARGE LOT #	L.L.T.M. PLAN #	S.L.T.M. PLAN #	LARGE LOT #	L.L.T.M. PLAN #	S.L.T.M. PLAN #
LOT 1	FD-1	-	LOT 23	FD-82A	-
LOT 2	FD-20	FD-20B	LOT 23	FD-82B	-
LOT 3	FD-50	FD-50	LOT 24	FD-52	-
LOT 4	FD-20	FD-20A	LOT 25	FD-8B	-
LOT 5	FD-22	FD-22A	LOT 26	FD-10	-
LOT 6	FD-22	FD-22B	LOT 27	FD-9	-
LOT 7	FD-3	-	LOT 28	FD-64	-
LOT 8	FD-83	-	LOT 29	FD-85A	-
LOT 9	FD-51	-	LOT 30	FD-85B	-
LOT 10	FD-4	-	LOT 31	FD-85C	-
LOT 11	FD-84B	-	LOT 32	FD-86	-
LOT 12	FD-5	-	LOT 33	FD-53	-
LOT 13	FD-84A	-	LOT 34	FD-65	-
LOT 14	FD-60	FD-34	LOT 35	FD-33	-
LOT 15	FD-62	-	LOT 36	FD-41	-
LOT 16	FD-21	-	LOT 37	FD-32	-
LOT 17	FD-2	-	LOT 38	FD-24	-
LOT 18	FD-40	-	LOT 39	FD-88B	-
LOT 19	FD-63	-	LOT 40	FD-88A	-
LOT 20	FD-80	-	LOT 41	FD-87A	-
LOT 21	FD-23	-	LOT 42	FD-6	-
LOT 22	FD-8A	-	LOT 43	FD-7	-

BARBACCIA TRUST PER D.N. 2004-0153428 PARCEL A 15 P.M. 143

DF PROPERTIES PER D.N. 3253 O.R. 693 PARCEL B 15 P.M. 143

FD 2" ALUMINUM MONUMENT STAMPED AS W 1/4 COR FOR SECTION 35 PER(2)



FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

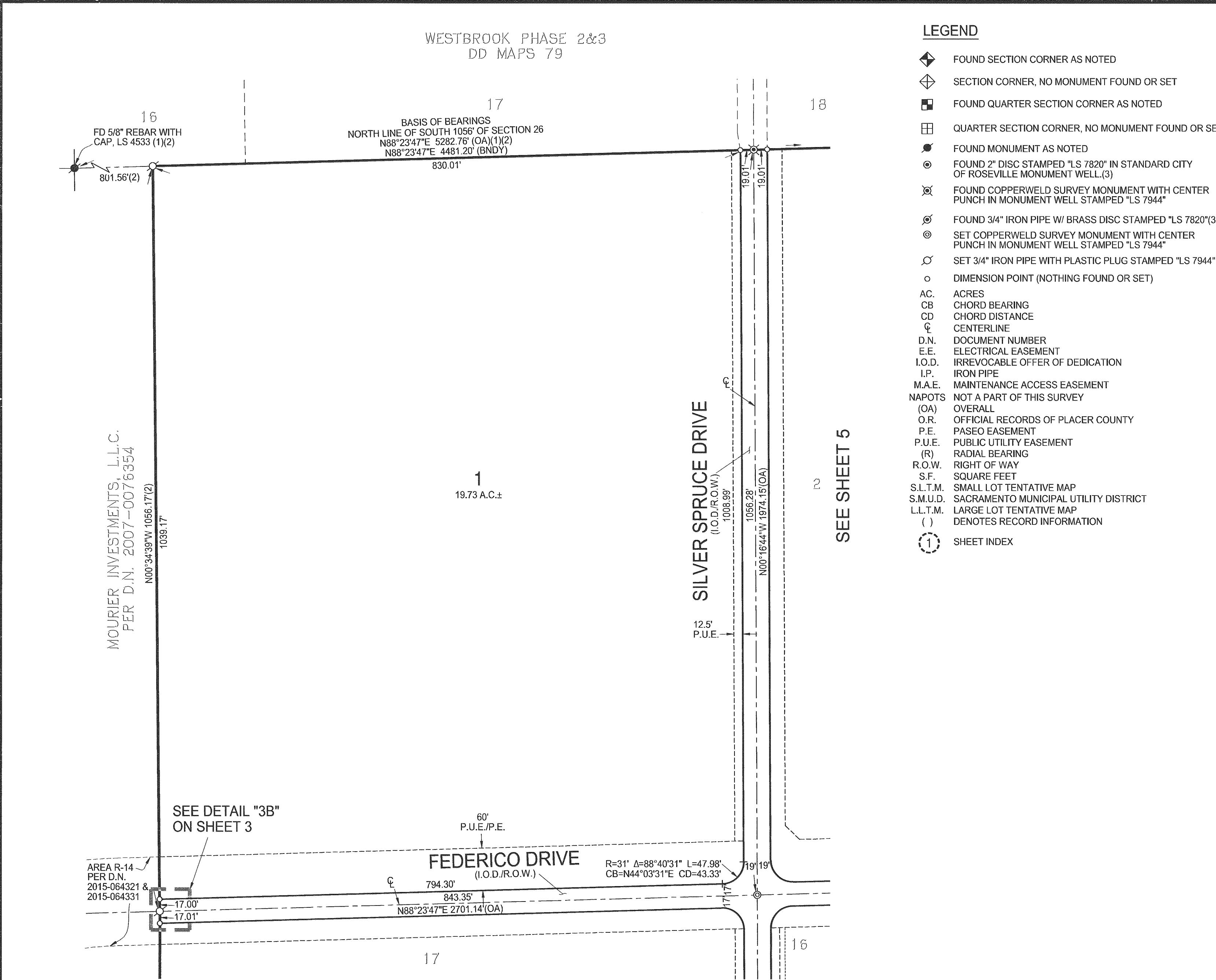
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SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

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LEGEND

- FOUND SECTION CORNER AS NOTED
- SECTION CORNER, NO MONUMENT FOUND OR SET
- FOUND QUARTER SECTION CORNER AS NOTED
- QUARTER SECTION CORNER, NO MONUMENT FOUND OR SET
- FOUND MONUMENT AS NOTED
- FOUND 2" DISC STAMPED "LS 7820" IN STANDARD CITY OF ROSEVILLE MONUMENT WELL.(3)
- FOUND COPPERWELD SURVEY MONUMENT WITH CENTER PUNCH IN MONUMENT WELL STAMPED "LS 7944"
- FOUND 3/4" IRON PIPE W/ BRASS DISC STAMPED "LS 7820"(3)
- SET COPPERWELD SURVEY MONUMENT WITH CENTER PUNCH IN MONUMENT WELL STAMPED "LS 7944"
- SET 3/4" IRON PIPE WITH PLASTIC PLUG STAMPED "LS 7944"
- DIMENSION POINT (NOTHING FOUND OR SET)
- AC. ACRES
- CB CHORD BEARING
- CD CHORD DISTANCE
- CL CENTERLINE
- D.N. DOCUMENT NUMBER
- E.E. ELECTRICAL EASEMENT
- I.O.D. IRREVOCABLE OFFER OF DEDICATION
- I.P. IRON PIPE
- M.A.E. MAINTENANCE ACCESS EASEMENT
- NAPOTS NOT A PART OF THIS SURVEY
- (OA) OVERALL
- O.R. OFFICIAL RECORDS OF PLACER COUNTY
- P.E. PASEO EASEMENT
- P.U.E. PUBLIC UTILITY EASEMENT
- (R) RADIAL BEARING
- R.O.W. RIGHT OF WAY
- S.F. SQUARE FEET
- S.L.T.M. SMALL LOT TENTATIVE MAP
- S.M.U.D. SACRAMENTO MUNICIPAL UTILITY DISTRICT
- L.L.T.M. LARGE LOT TENTATIVE MAP
- () DENOTES RECORD INFORMATION
- (1) SHEET INDEX

NOTES:

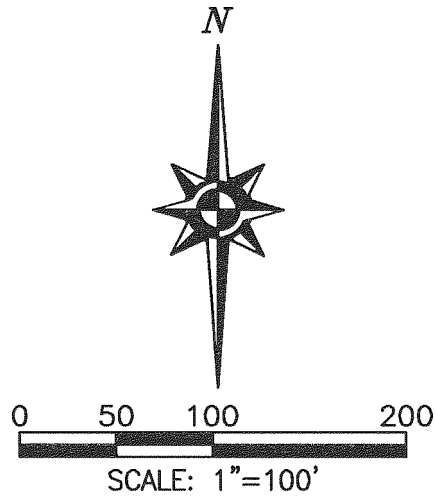
- ALL CURVES ARE DIMENSIONED WITH RADIUS, DELTA, ARC LENGTH, CHORD BEARING AND CHORD LENGTH. CHORD LENGTHS MAY CONTAIN SOME ROUNDING ERROR. ALL DISTANCES SHOWN ARE FEET AND DECIMALS THEREOF.
- TOTAL AREA FOR THIS SUBDIVISION IS 505.05± ACRES, CONSISTING OF 43 LARGE LOTS.
- THE EASEMENT FOR TEMPORARY INGRESS / EGRESS EASEMENT GRANTED TO FRANK T. CHAN, TRUST OF THE FRANK T. CHAN FAMILY TRUST U/A DATED DECEMBER 8, 2003, ET AL. IN DEED RECORDED AUGUST 13, 2015, AS INSTRUMENT NO. 2015-0070559, OFFICIAL RECORDS OF PLACER COUNTY IS FULLY CONTAINED IN THE RIGHT OF WAY SHOWN HEREON.
- THE CITY WILL NOT BE MAINTAINING LANDSCAPING ON LOTS 14, 34 & 37 SHOWN HEREON.
- PURSUANT TO SECTION 66499.20.2 OF THE GOVERNMENT CODE, THE LANDS SHOWN HEREON, ARE HEREBY MERGED AND RESUBDIVIDED, AND THE FOLLOWING IRREVOCABLE OFFERS OF DEDICATION AND DRAINAGE EASEMENT THAT AFFECT THIS MAP ARE HEREBY ABANDONED:
 - A. AREA R-1, R-2, R-3, R-9, R-10, R-13, R-14, R-15 AND R-16 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064322, OFFICIAL RECORDS PLACER COUNTY.
 - B. AREA O-7, O-8, O-9, O-10, O-11, O-12 AND O-13 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064322, OFFICIAL RECORDS PLACER COUNTY.
 - C. AREA PQP-2, PQP-3, PQP-4 AND PQP-5 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064322, OFFICIAL RECORDS PLACER COUNTY.
 - D. AREA E-6, E-7, E-8, E-12, E-17 AND E-19 AS DESCRIBED IN THAT CERTAIN EASEMENT RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064332, OFFICIAL RECORDS PLACER COUNTY.
 - E. AREA R-1, R-2, R-3, R-9, R-10, R-13, R-14, R-15 AND R-16 AS DESCRIBED IN THAT CERTAIN EASEMENT RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064332, OFFICIAL RECORDS PLACER COUNTY.
 - F. A PORTION OF THAT CERTAIN DRAINAGE EASEMENT SHOWN AS SHOWN PARCEL 2 AND DESCRIBED IN EXHIBIT "B-1 AS DESCRIBED IN THAT CERTAIN GRANT OF EASEMENT RECORDED NOVEMBER 14, 2006 IN DOCUMENT NO. 2006-0122389, OFFICIAL RECORDS PLACER COUNTY, NOT SHOWN WITHIN LOT 7.

BASIS OF BEARINGS:

THE BEARING N 88°23'47" E, BEING THE NORTH LINE OF THE SOUTH 1056.00' OF SECTION 26 AS SHOWN ON THAT CERTAIN RECORD OF SURVEY ENTITLED "RECORD OF SURVEY NO. 3221" RECORDED JULY 24, 2015 IN BOOK 22 OF SURVEYS, AT PAGE 135, PLACER COUNTY RECORDS. DISTANCES SHOWN HEREON ARE GROUND DISTANCES.

REFERENCES:

- CC MAPS 85
- 22 R.S. 135
- DD MAPS 26
- DOC. NO. 2017-0038714



FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

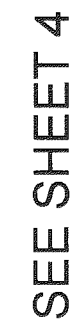
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SILVER SPRUCE DRIVE

17

WESTBROOK PHASE 2&3
DD MAPS 79

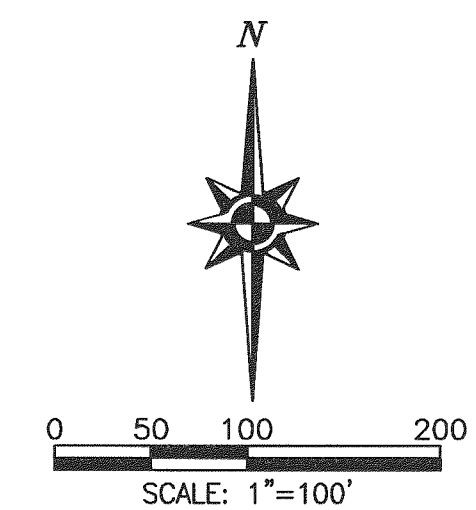
18 BASIS OF BEARINGS
NORTH LINE OF SOUTH 1056' OF SECTION 26
N88°23'47"E 5282.76' (OA)(1)(2)
N88°23'47"E 4481.20' (BNDY)

FEDERICO DRIVE
(I.O.D./R.O.W.)

SEE DETAIL "5A"
ON THIS SHEET

SEE SHEET 10

SEE SHEET 6



THE SOUTH 1056 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MONTE DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

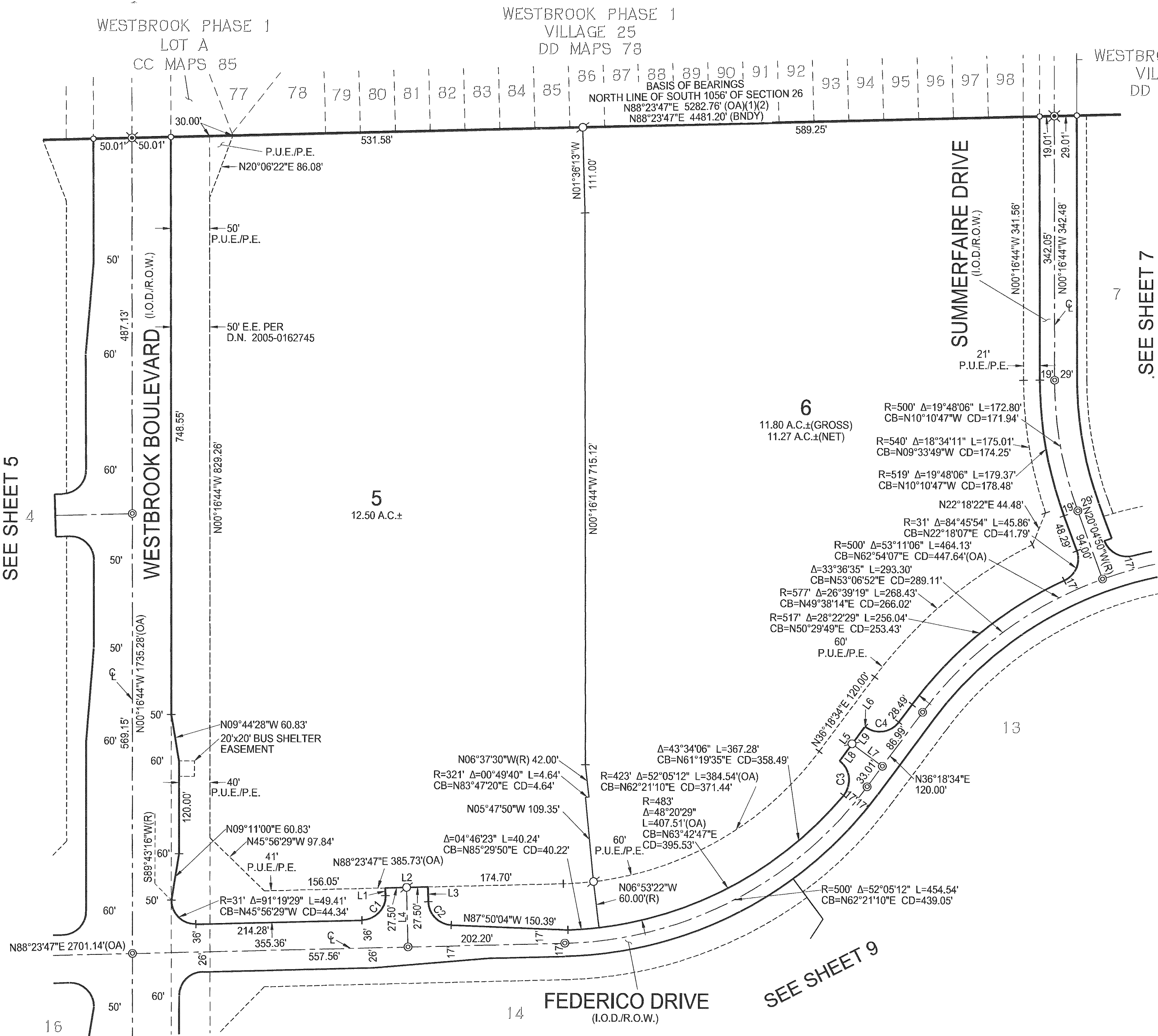
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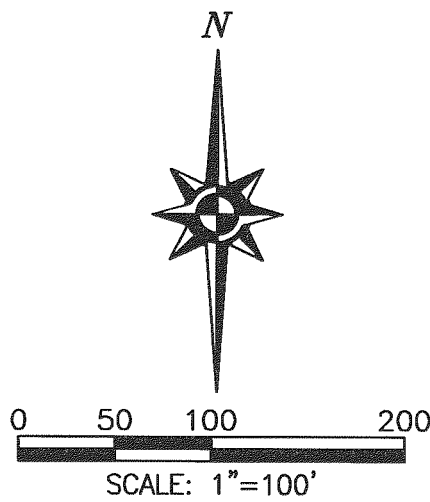
SHEET 5 OF 23 18254.FED

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND,
NOTES AND REFERENCES.



CURVE TABLE					
#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	31'	90°00'00"	48.69'	N43°23'47"E	43.84'
C2	31'	86°13'51"	46.66'	N44°43'09"W	42.38'
C3	31'	93°13'58"	50.44'	N07°04'27"W	45.06'
C4	31'	90°00'00"	48.69'	N81°18'34"E	43.84'
C5	479'	02°26'51"	20.46'	N08°53'46"W	20.46'
C6	517'	01°06'30"	10.00'	N08°13'35"W	10.00'
C7	22'	97°54'34"	37.59'	N40°10'27"E	33.18'

LINE TABLE		
#	BEARING	LENGTH
L1	N01°36'13"W	10.00'
L2	N88°23'47"E	55.00'
L3	N01°36'13"W	19.16'
L4	N01°36'13"W	77.00'
L5	N36°18'34"E(R)	55.00'
L6	N53°41'26"W	0.72'
L7	N53°41'26"W	48.72'
L8	N36°18'34"E(R)	29.50'
L9	N36°18'34"E	29.50'



FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

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WESTBROOK PHASE 1
VILLAGE 25
DD MAPS 78

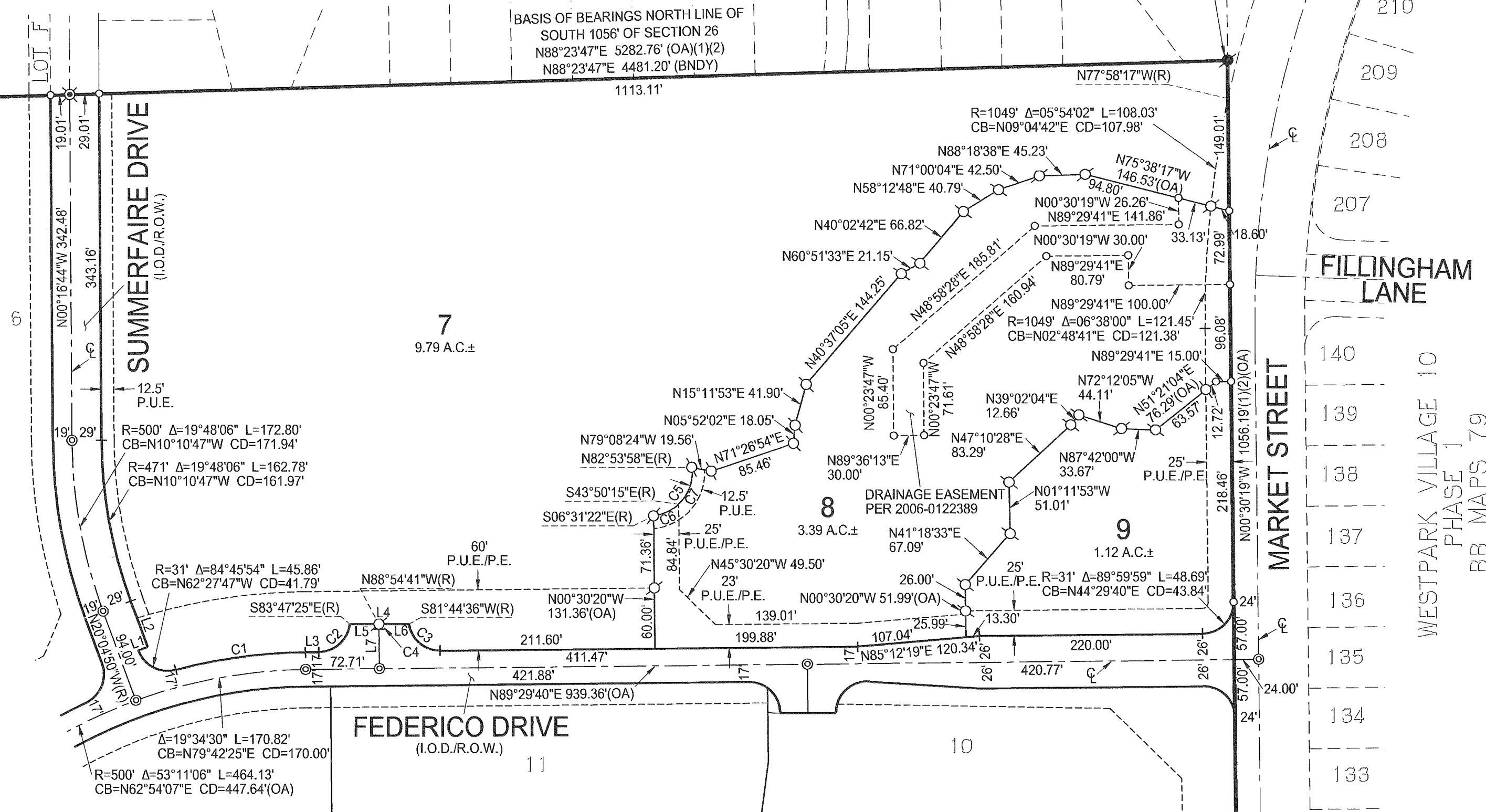
WESTBROOK PHASE 1
VILLAGE 7B
CC MAPS 90

FD 1/2" REBAR WITH YELLOW
PLASTIC CAP STAMPED "LS 3761",
NO RECORD, N70°E 0.11'(1)(2)

BASIS OF BEARINGS NORTH LINE OF
SOUTH 1056' OF SECTION 26
N88°23'47"E 5282.76' (OA)(1)(2)
N88°23'47"E 4481.20' (BNDY)

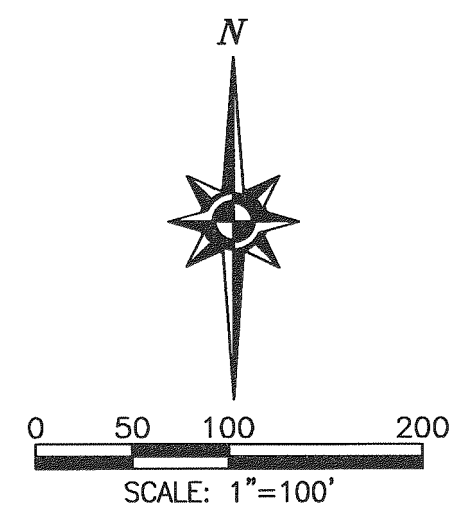
98

SEE SHEET 6



CURVE TABLE					
#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	517'	14°20'24"	129.40'	N82°19'28"E	129.06'
C2	31'	83°17'05"	45.06'	N47°51'07"E	41.20'
C3	31'	82°14'56"	44.50'	N49°22'52"W	40.78'
C4	250'	00°34'59"	2.54'	N00°47'50"W	2.54'
C5	43'	90°34'40"	67.98'	N38°11'18"E	61.12'
C6	43'	37°18'53"	28.00'	N64°49'12"E	27.51'
C7	43'	53°15'48"	39.97'	N19°31'52"E	38.55'

LINE TABLE		
#	BEARING	LENGTH
L1	N69°55'10"E(R)	10.00'
L2	N20°04'50"W	48.29'
L3	N89°29'40"E	13.18'
L4	N89°57'30"W	58.20'
L5	N89°57'30"W	28.73'
L6	N89°57'30"W	29.47'
L7	N00°30'20"W	41.56'



FINAL MAP OF
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LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

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NOTES AND REFERENCES.

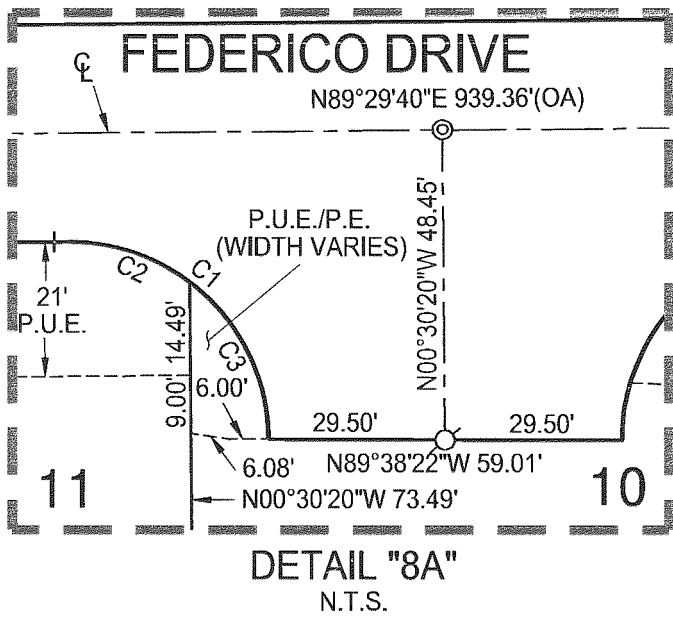
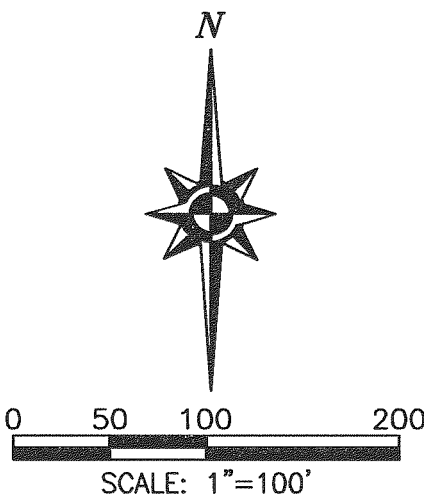
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SHEET 8 OF 23 18254.FED

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.



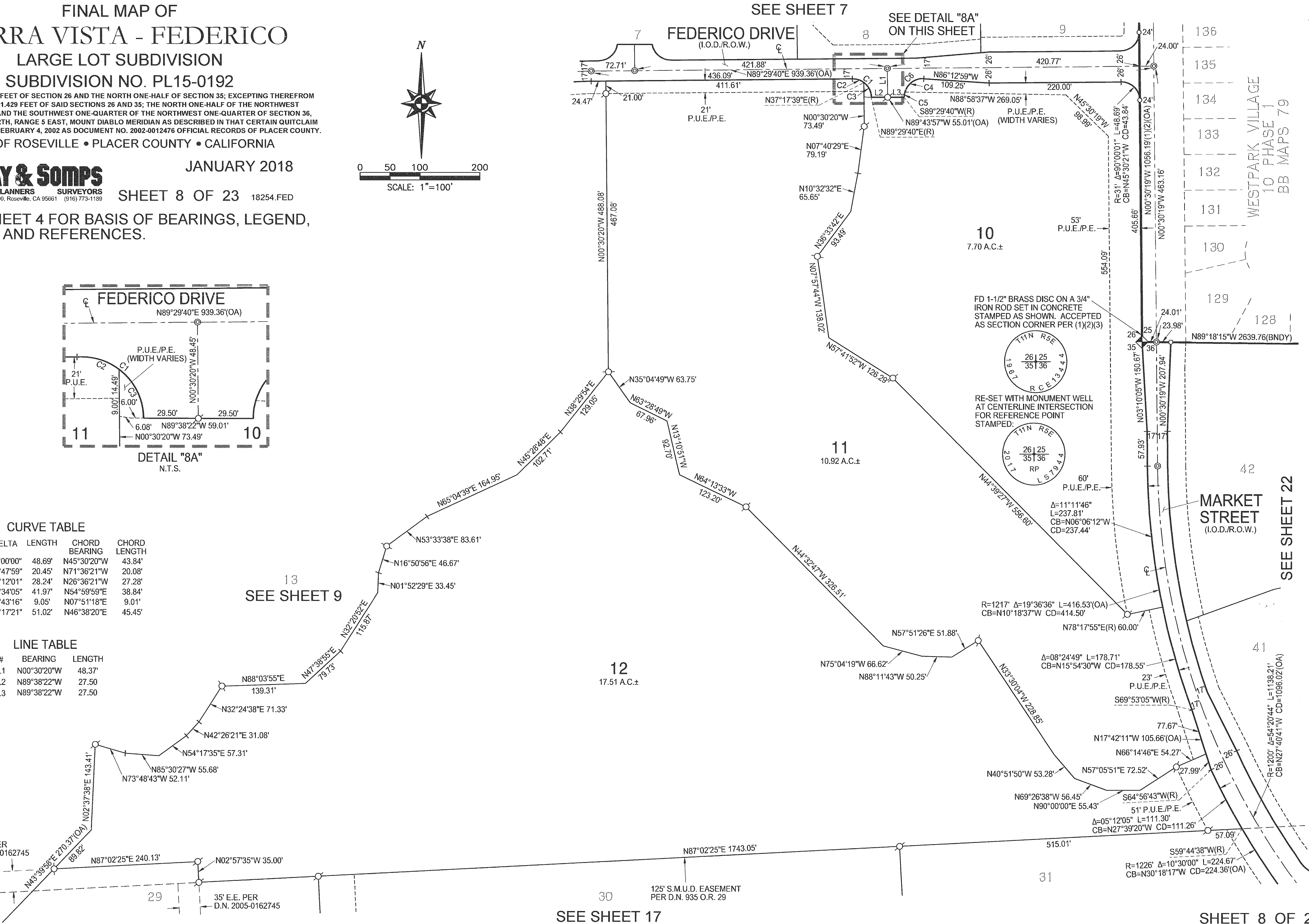
CURVE TABLE

#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	31'	90°00'00"	48.69'	N45°30'20"W	43.84'
C2	31'	37°47'59"	20.45'	N71°36'21"W	20.08'
C3	31'	52°12'01"	28.24'	N26°36'21"W	27.28'
C4	31'	77°34'05"	41.97'	N54°59'59"E	38.84'
C5	31'	16°43'16"	9.05'	N07°51'18"E	9.01'
C6	31'	94°17'21"	51.02'	N46°38'20"E	45.45'

LINE TABLE

#	BEARING	LENGTH
L1	N00°30'20"W	48.37'
L2	N89°38'22"W	27.50'
L3	N89°38'22"W	27.50'

SEE SHEET 9

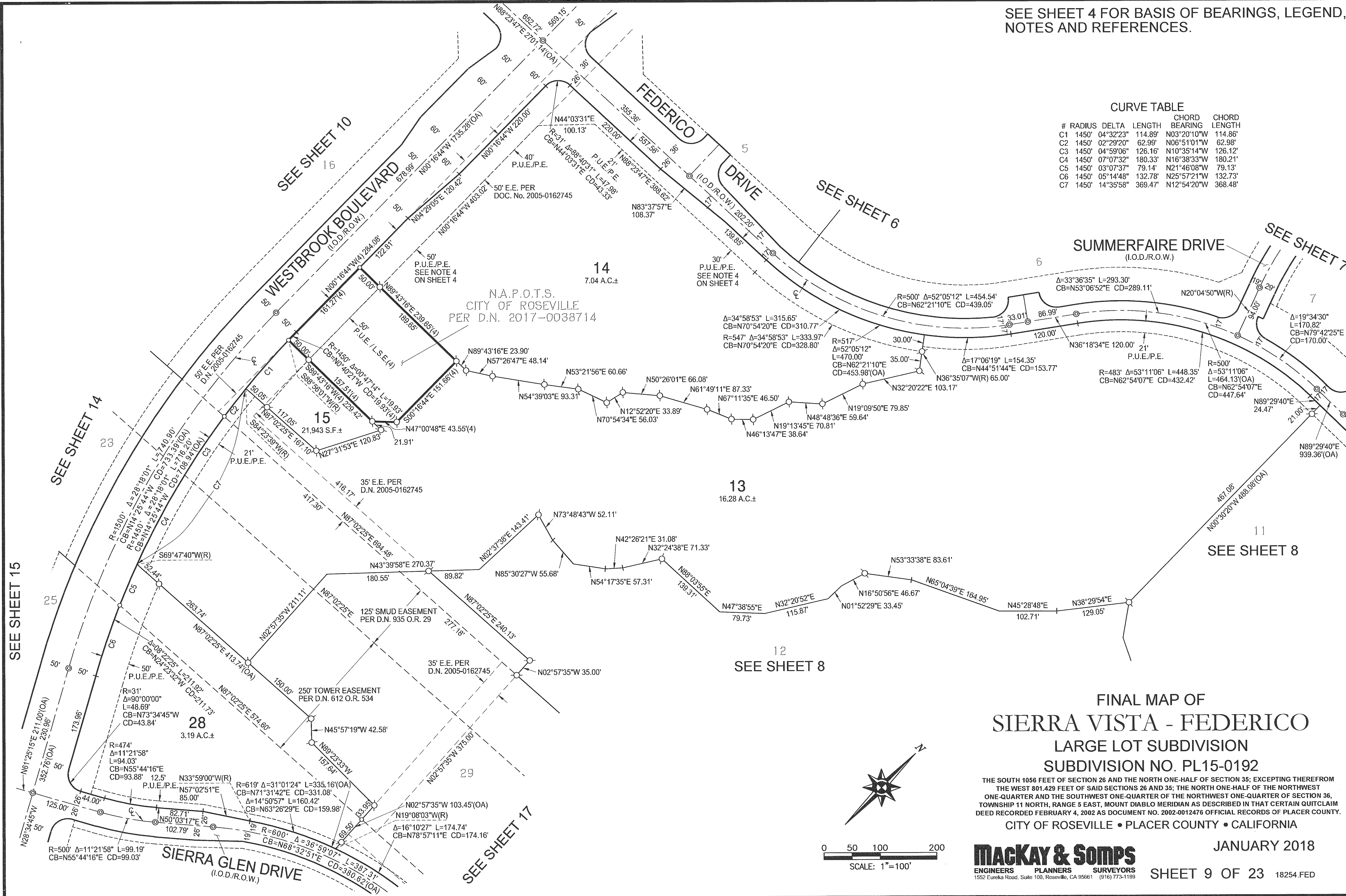


SEE SHEET 17

SHEET 8 OF 23

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

CURVE TABLE						
#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH	
C1	1450'	04°32'23"	114.89'	N03°20'10"W	114.86'	
C2	1450'	02°29'20"	62.99'	N06°51'01"W	62.98'	
C3	1450'	04°59'06"	126.16'	N10°35'14"W	126.12'	
C4	1450'	07°07'32"	180.33'	N16°38'33"W	180.21'	
C5	1450'	03°07'37"	79.14'	N21°46'08"W	79.13'	
C6	1450'	05°14'48"	132.78'	N25°57'21"W	132.73'	
C7	1450'	14°35'58"	369.47'	N12°54'20"W	368.48'	



FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

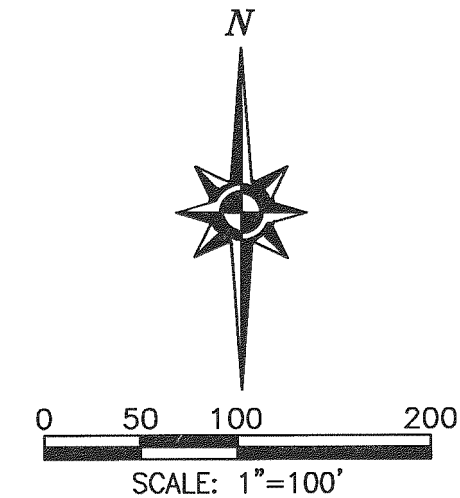
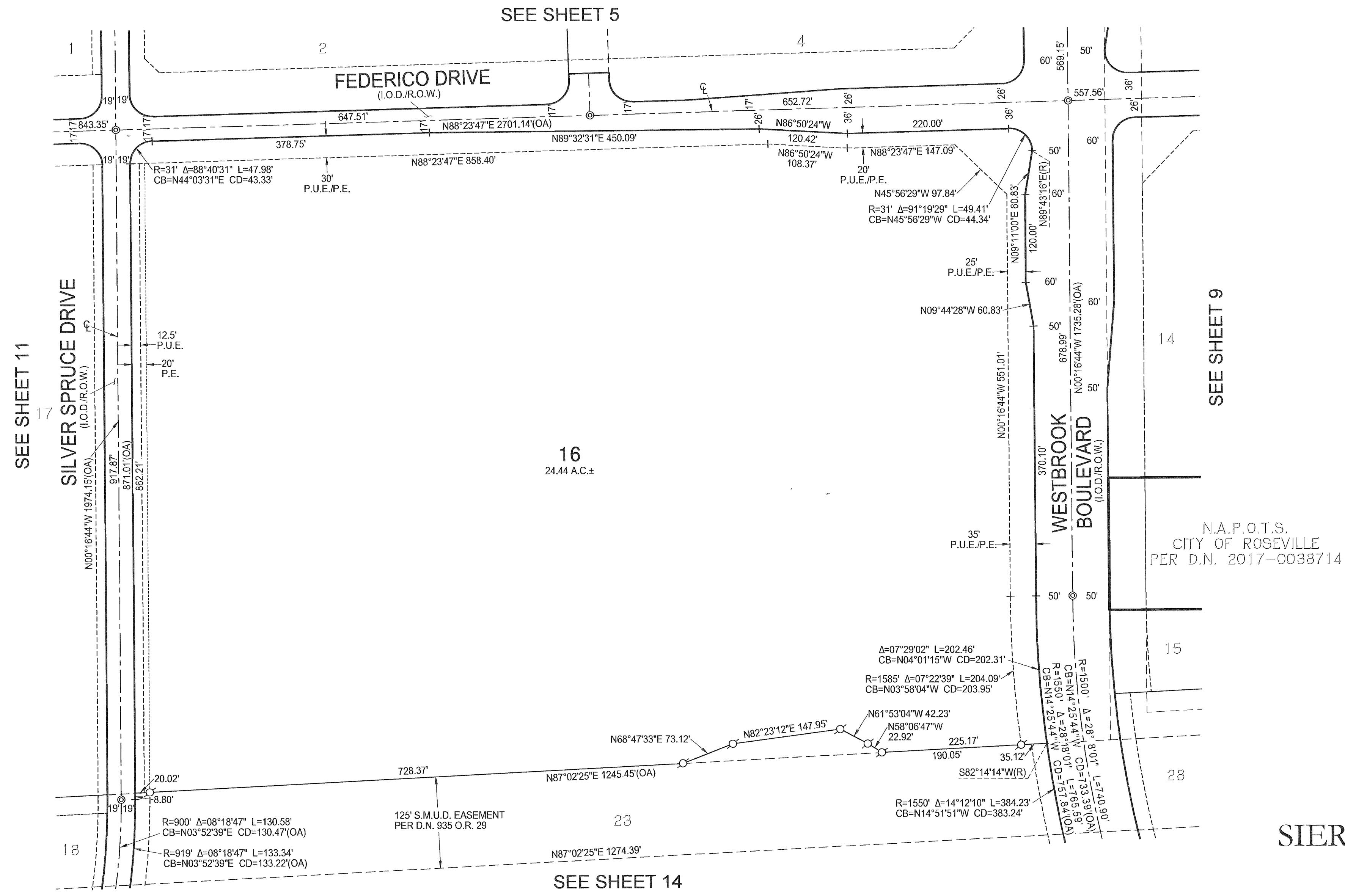
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SHEET 9 OF 23 18254.FED



FINAL MAP OF
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JANUARY 2018

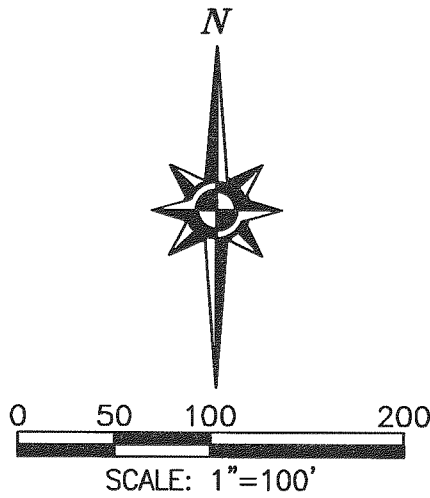
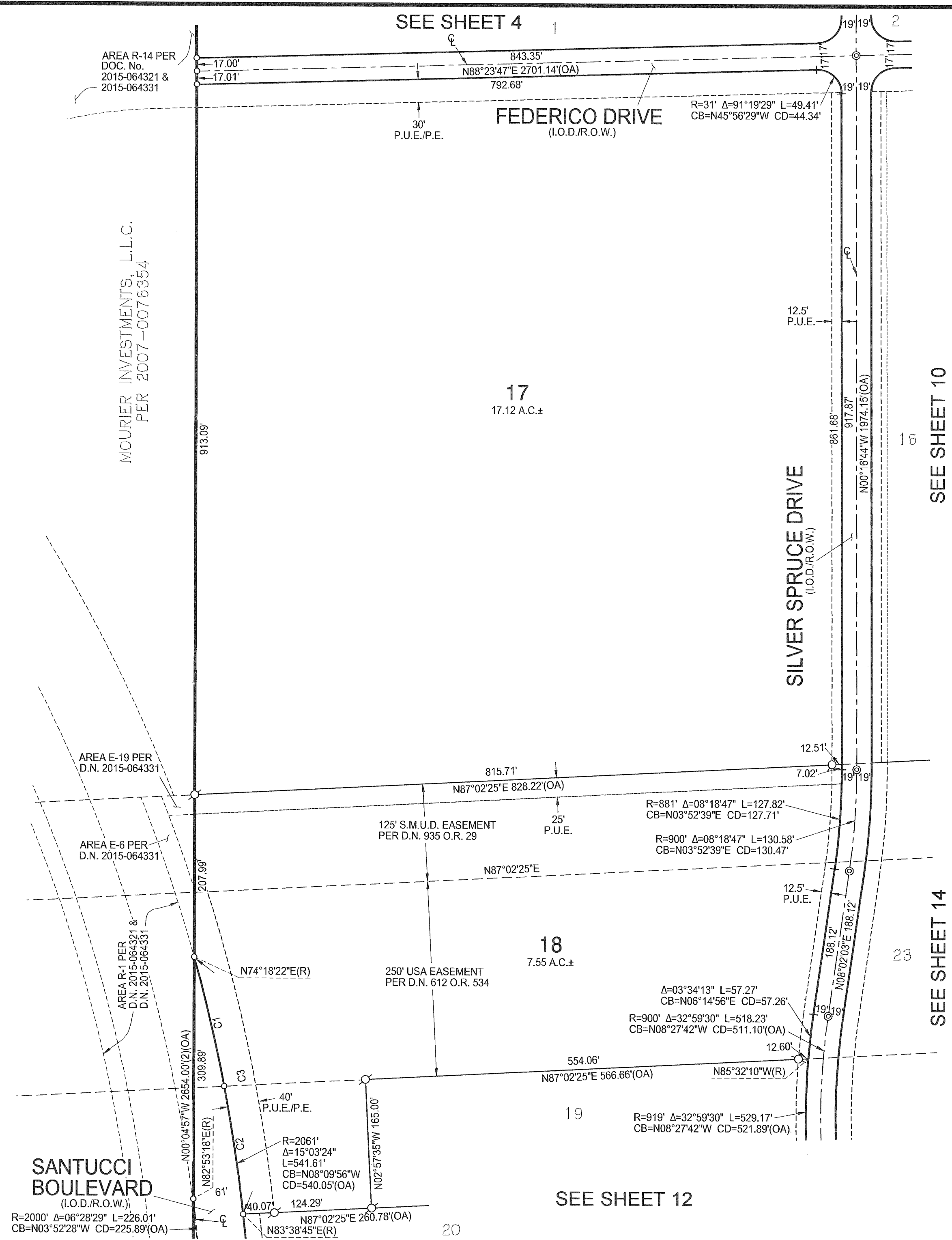
SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

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SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

CURVE TABLE

#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	2061'	04°36'40"	165.88'	N08°39'35"W	165.82'
C2	2061'	04°43'44"	170.10'	N13°19'46"W	170.05'
C3	2061'	09°20'23"	335.96'	N11°01'26"W	335.59'



FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

THE SOUTH 1056 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

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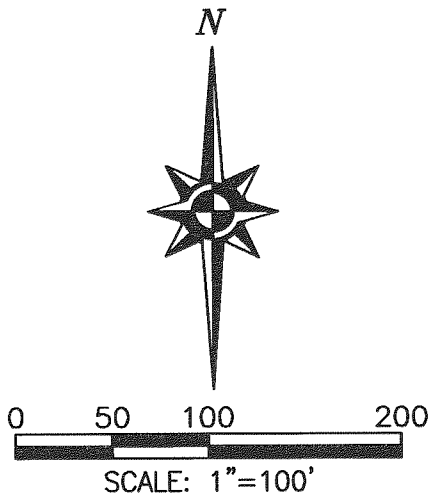
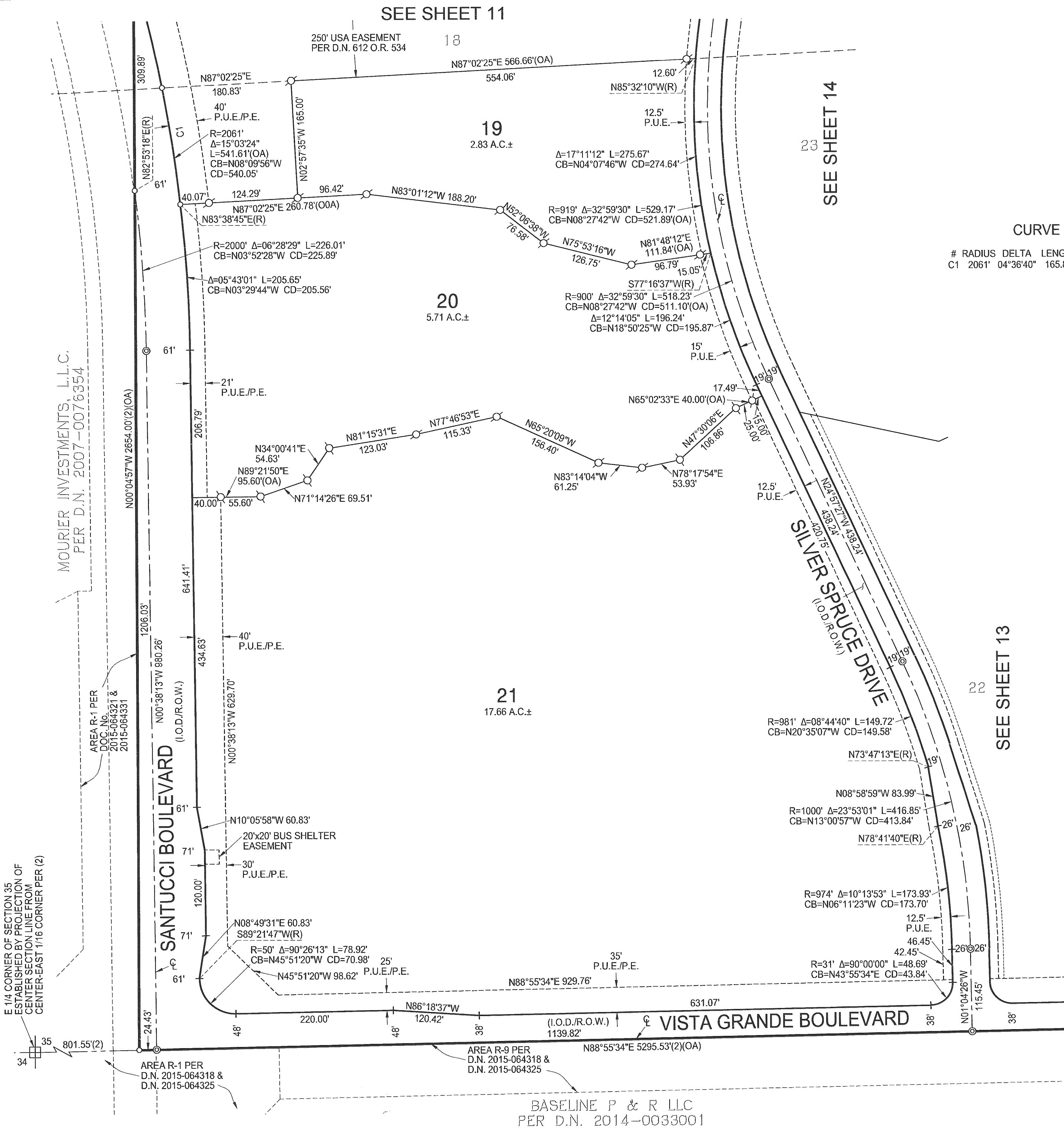
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SHEET 11 OF 23 18254.FED

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

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C1	2061'	04°36'40"	165.86'	N08°39'35"W	165.82'



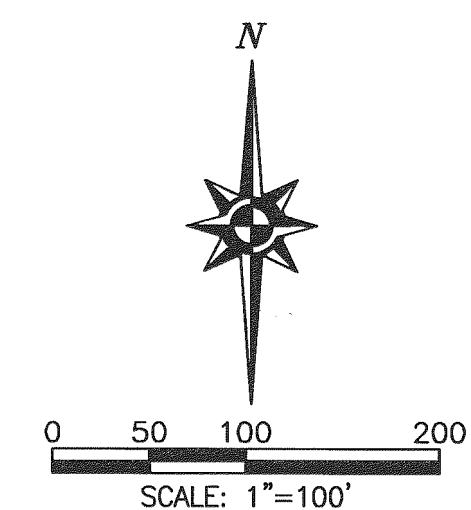
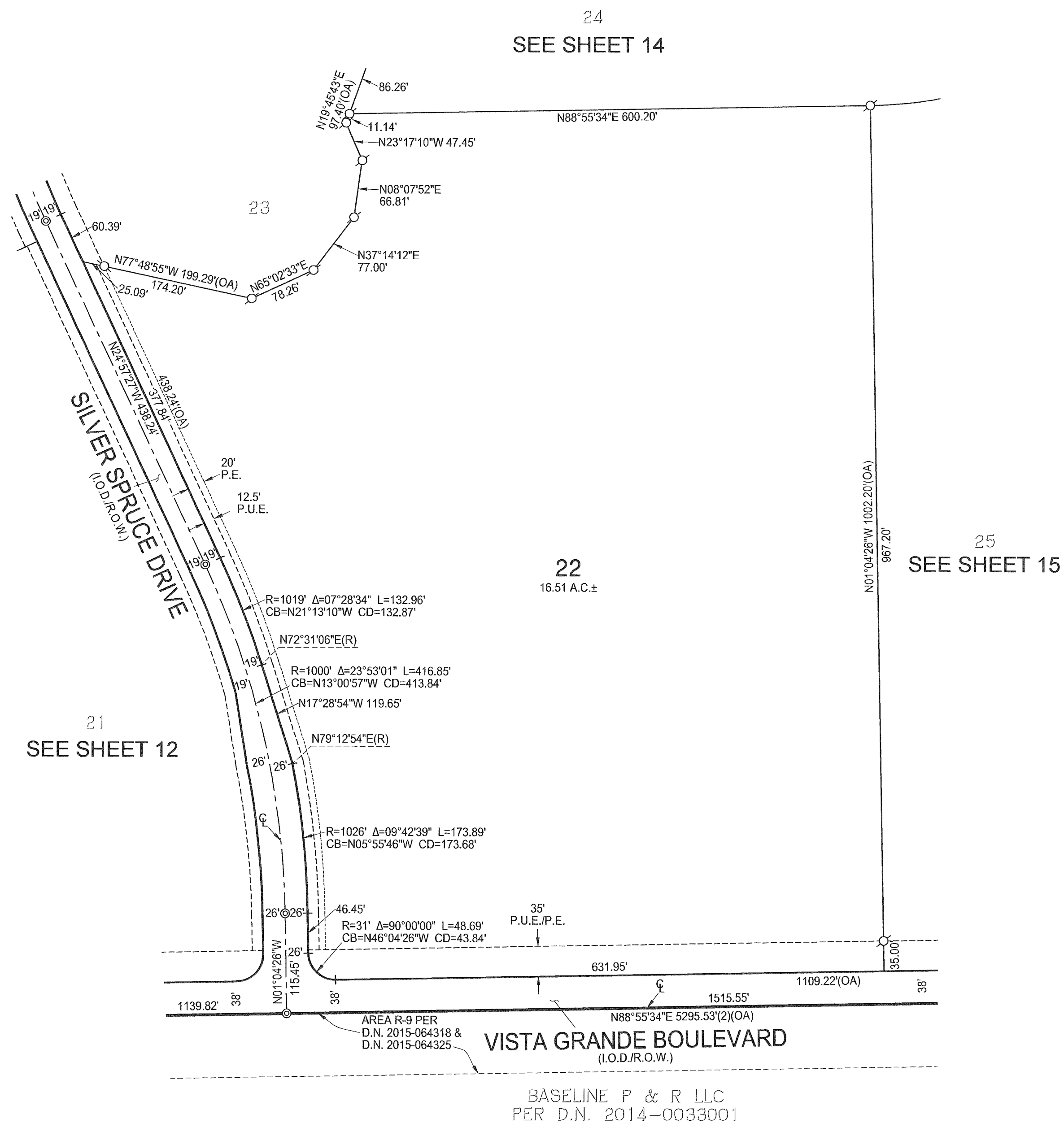
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FINAL MAP OF
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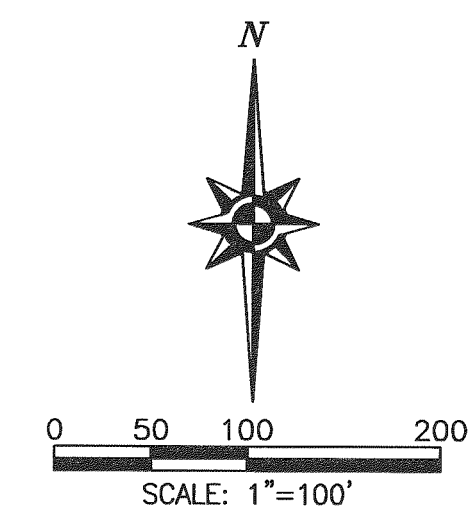
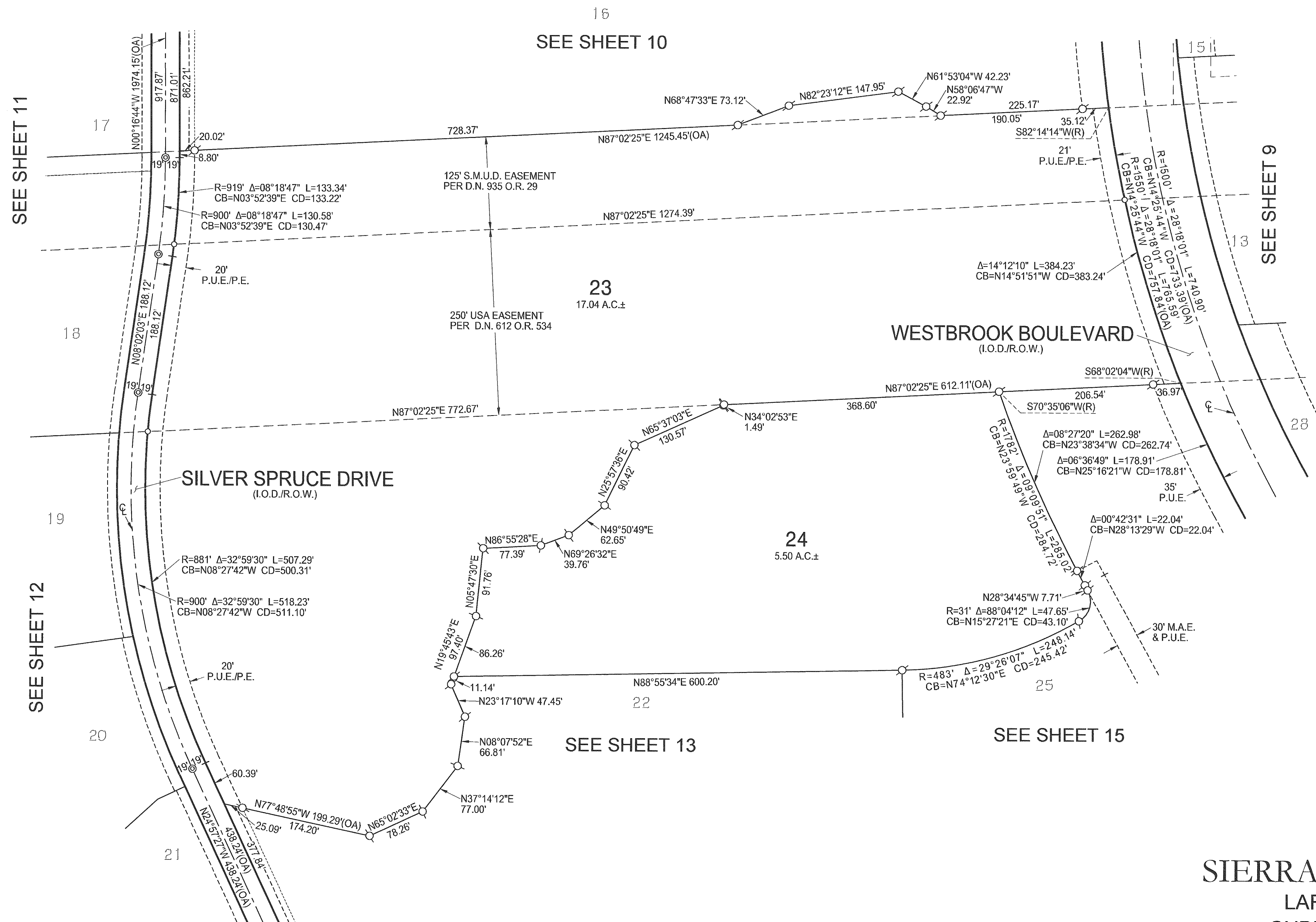
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SHEET 13 OF 23 18254.FED

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FINAL MAP OF
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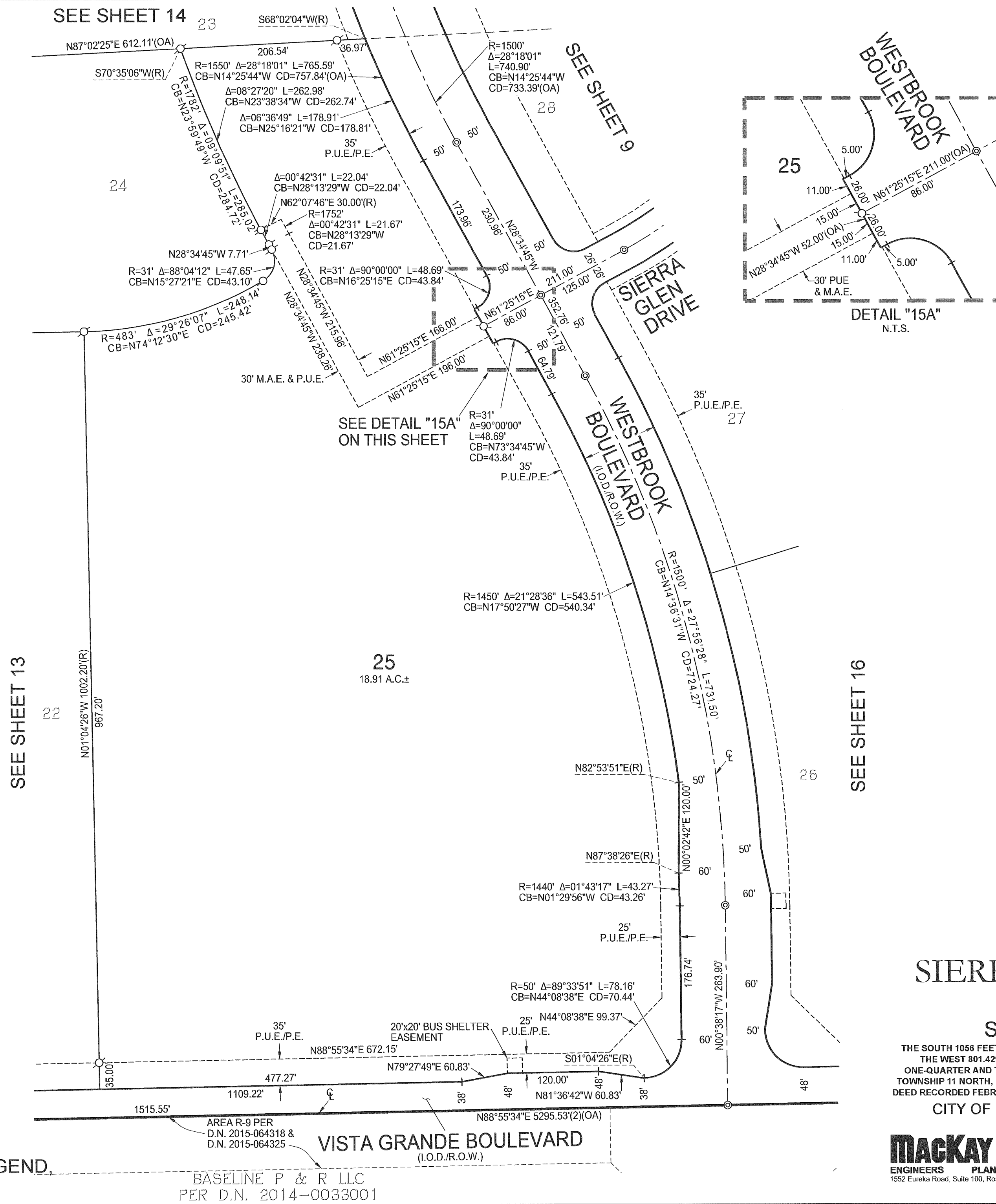
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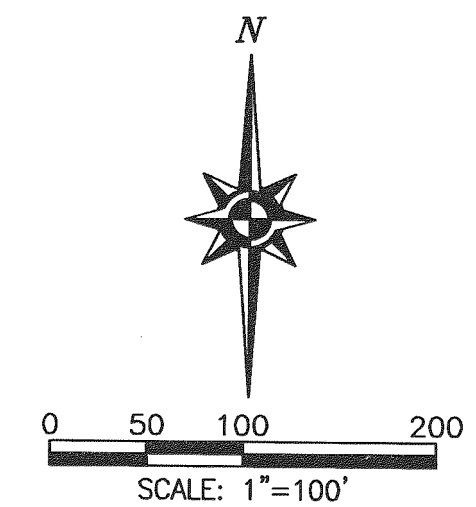
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BASELINE P & R LLC
PER D.N. 2014-0033001

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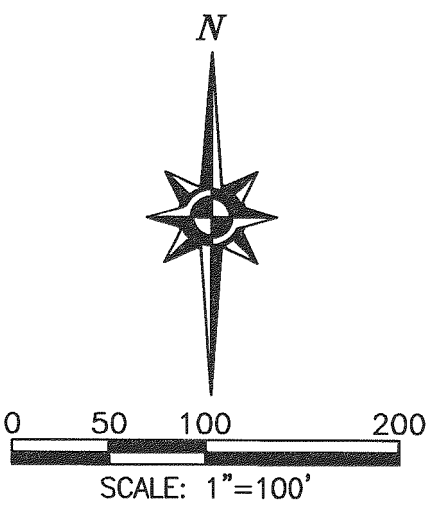
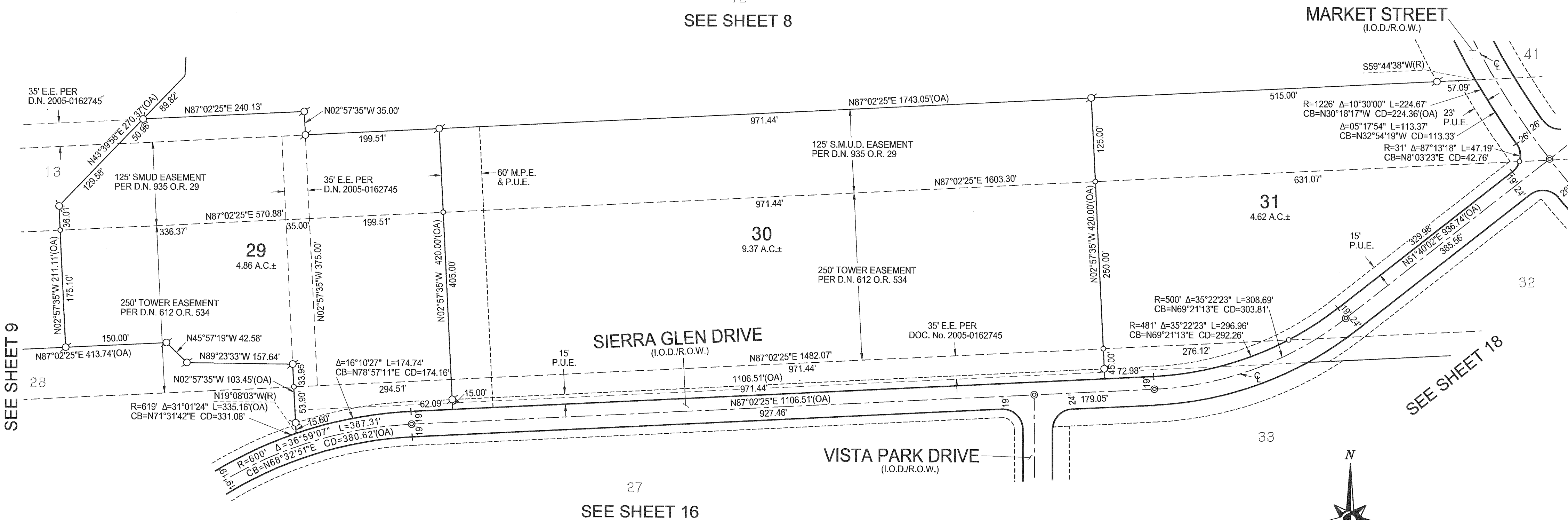
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SEE SHEET 8



FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
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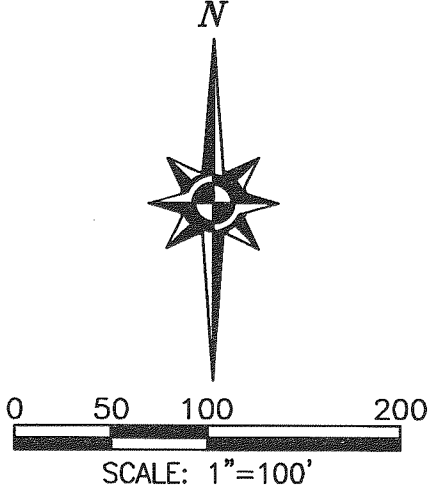
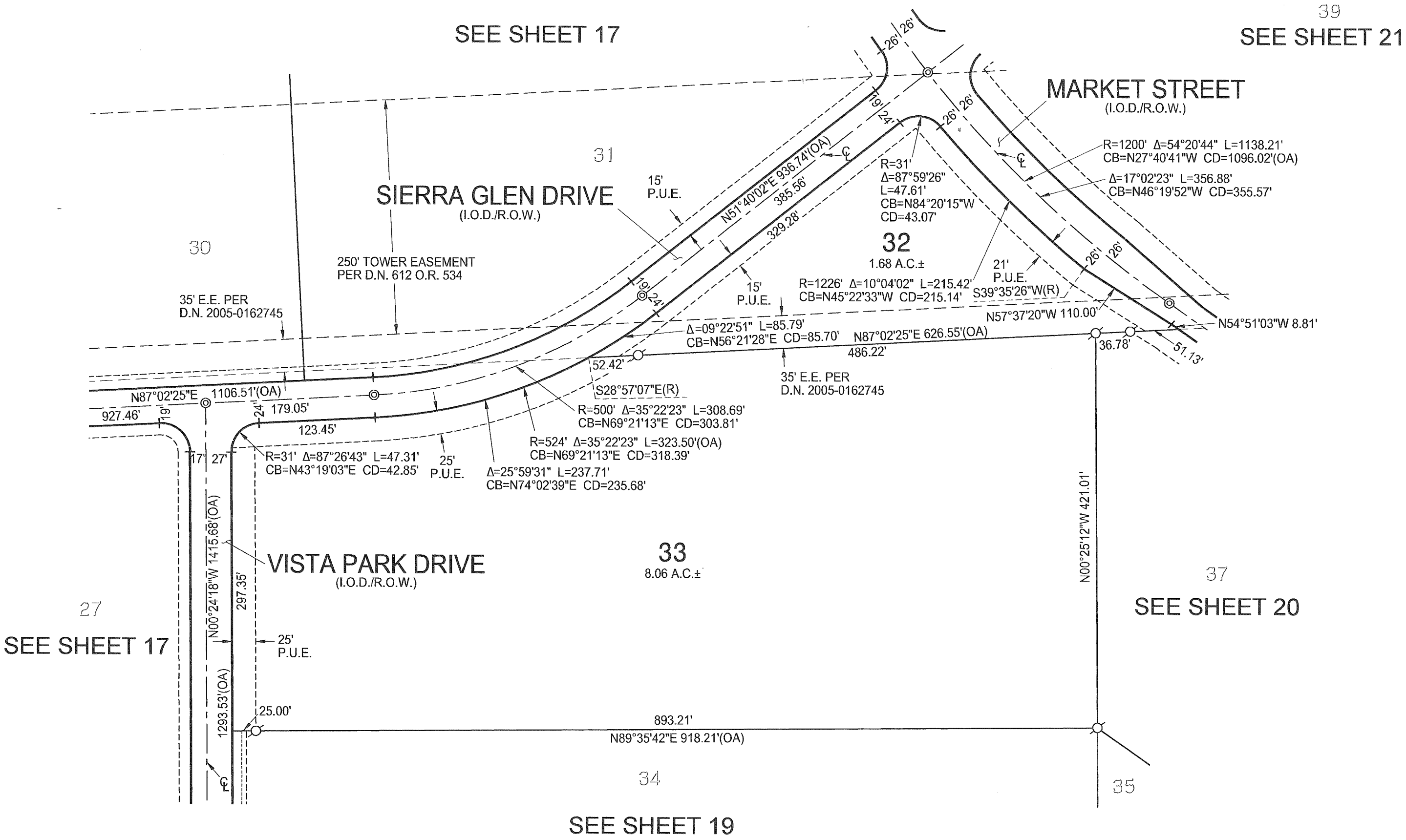
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SHEET 17 OF 23 18254.FED

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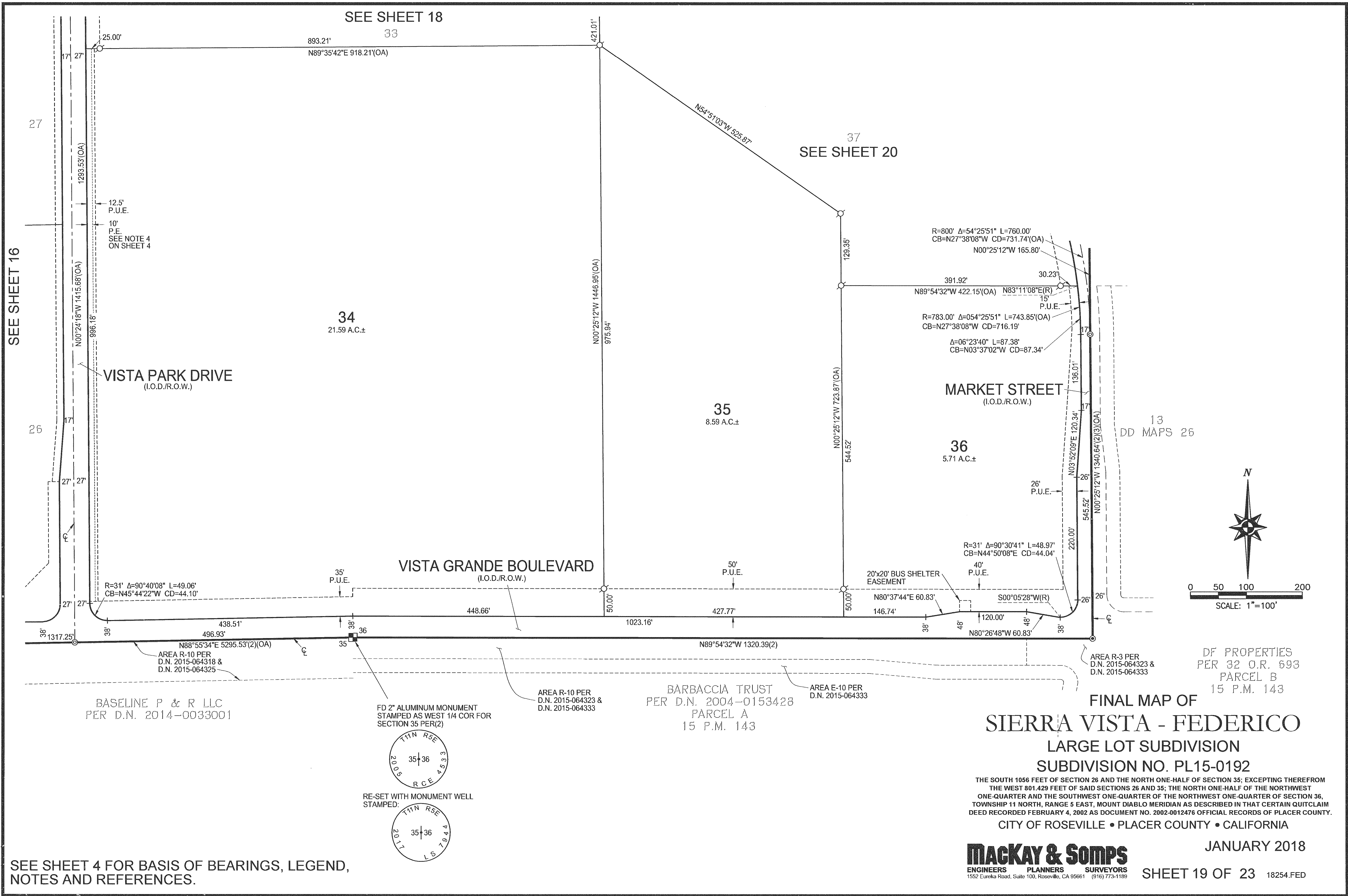
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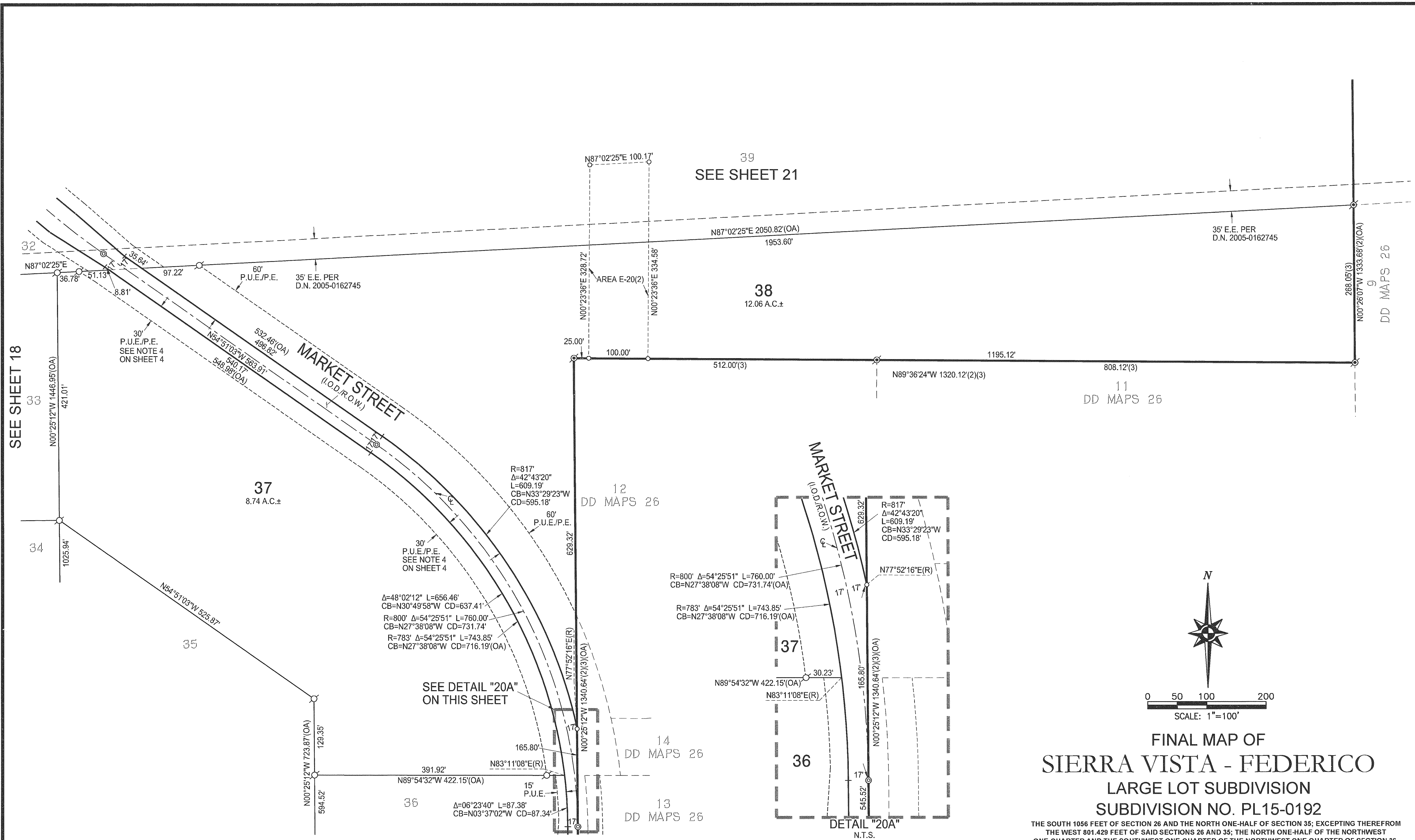
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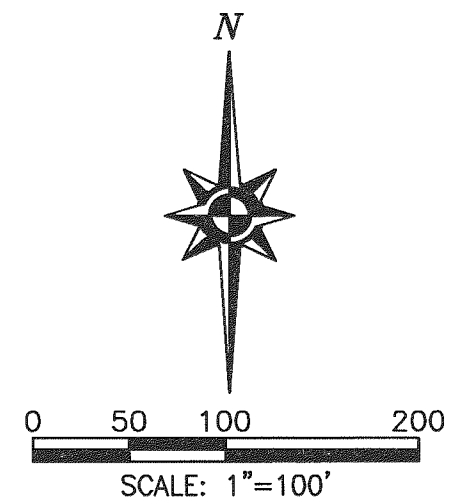
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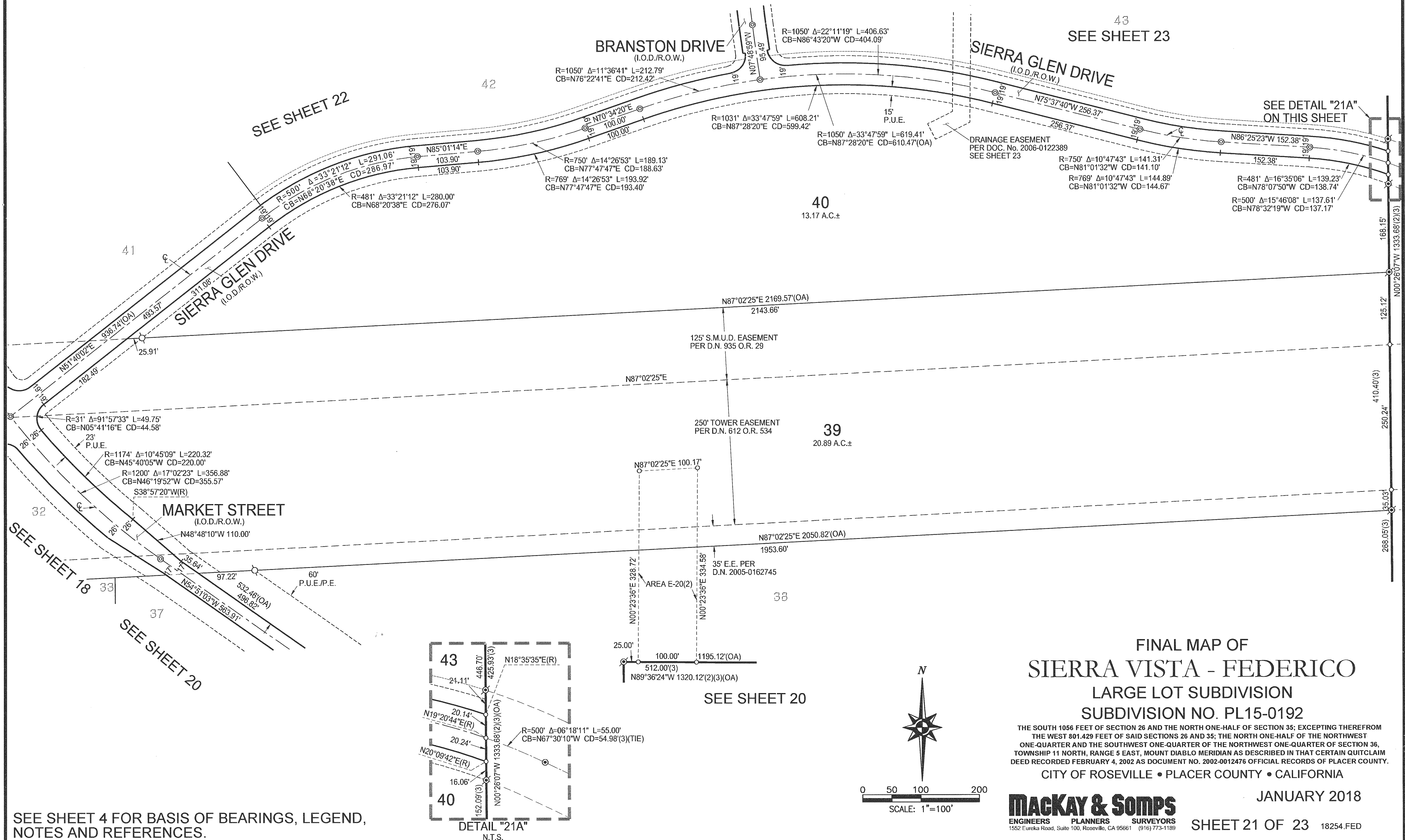
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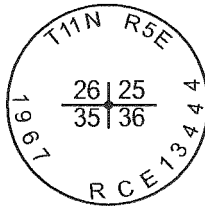
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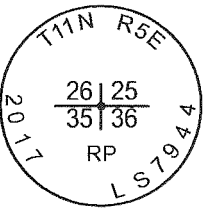
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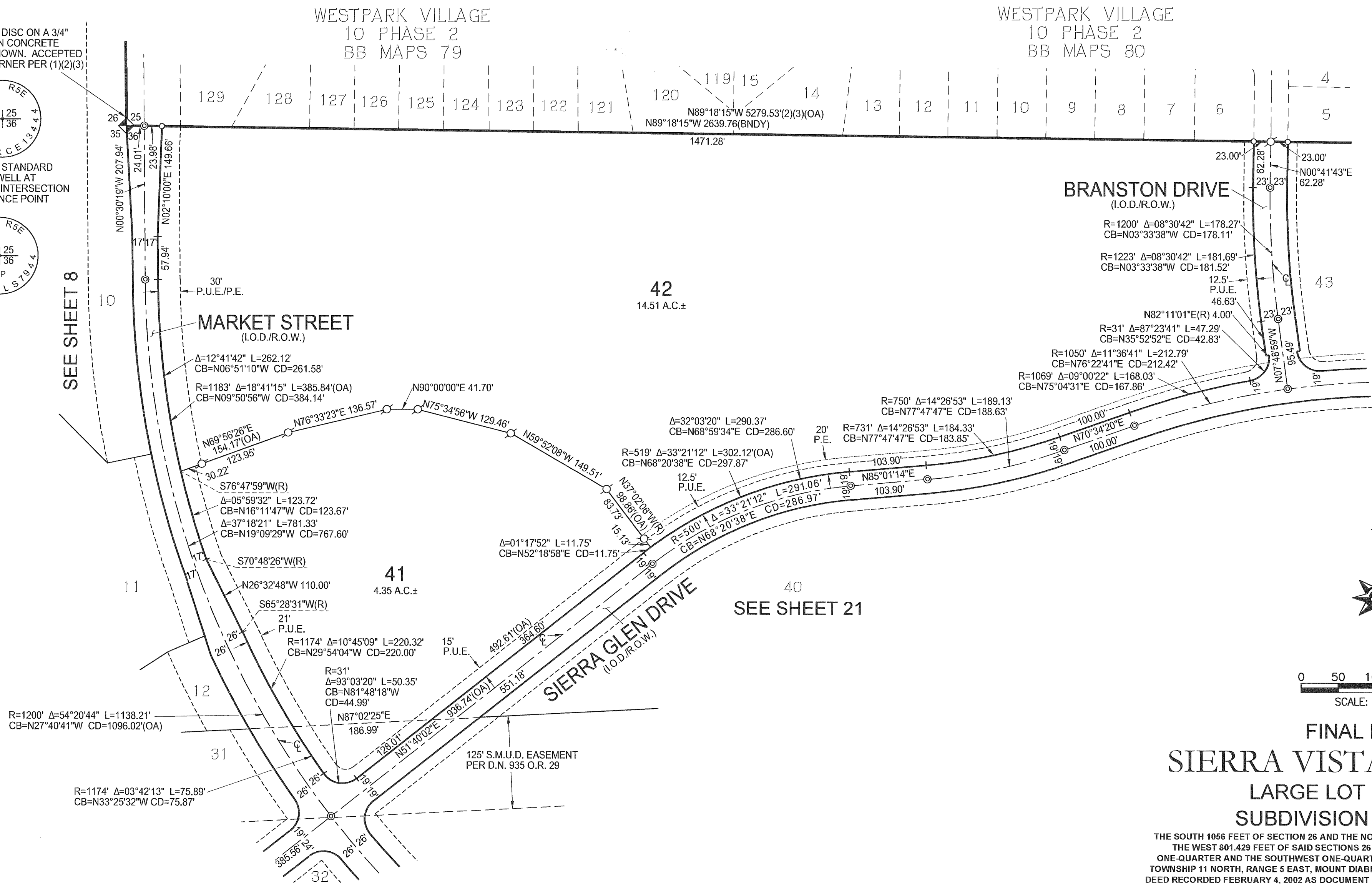
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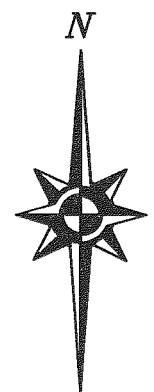
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SEE SHEET 8



SEE SHEET 23



0 50 100 200
SCALE: 1"=100'

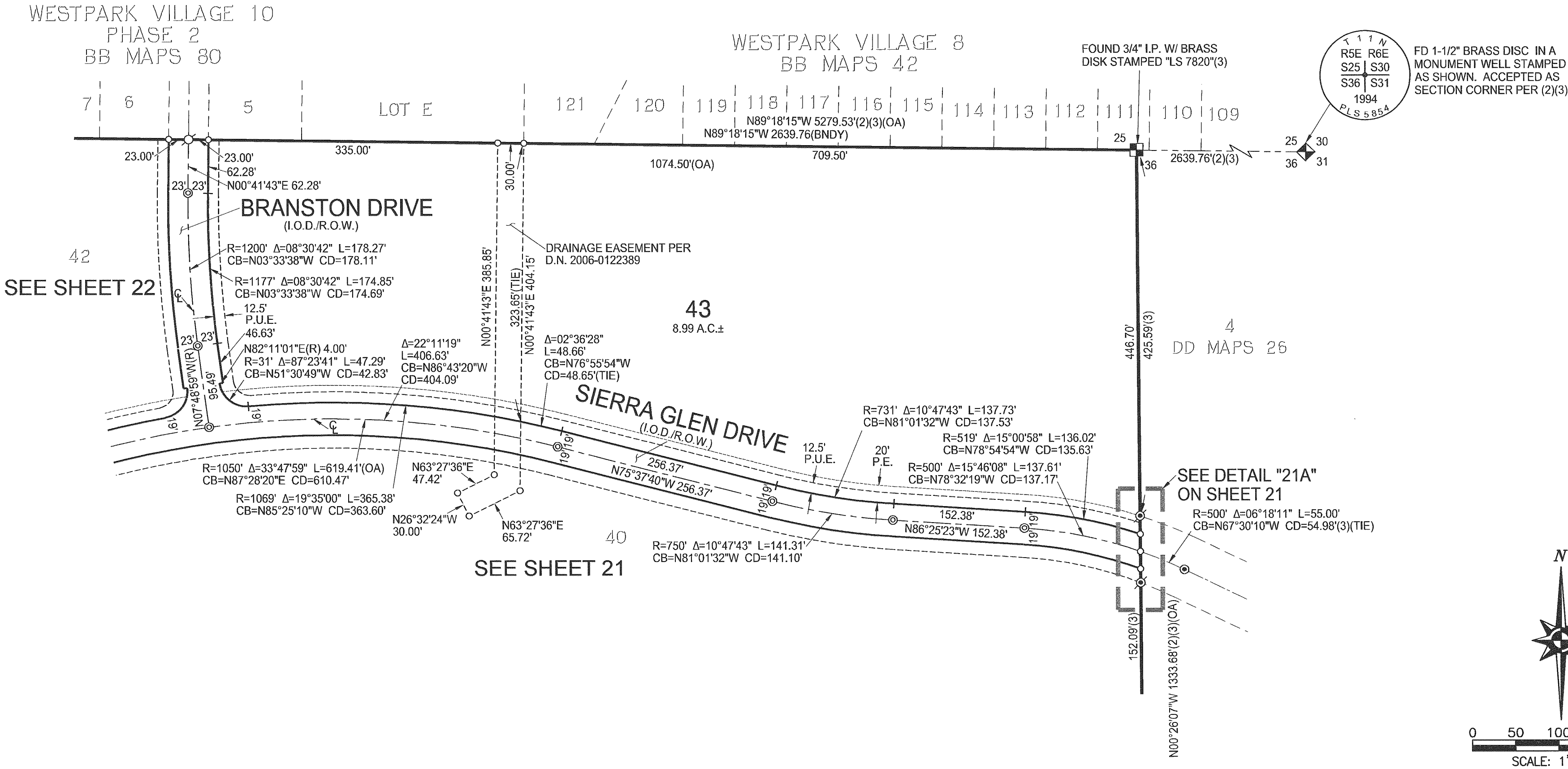
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SHEET 23 OF 23 18254.FED



COUNCIL COMMUNICATION

CC #: 0690

File #: 0400-04-12-1

Title: Sierra Vista Village JM-02B - Phase 2 Final Map and Subdivision Agreement

Contact: Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

Meeting Date: 4/15/2020

Item #: 6.8.

RECOMMENDATION TO COUNCIL

It is recommended that the City Council take the following actions:

1. Approve the final map on file with the City Clerk and accept on behalf of the public, subject to improvement, Lot D and the rights of way and the easements offered thereon; and,
2. Adopt the attached resolution approving the Subdivision Agreement and authorize the City Manager to execute the agreement on behalf of the City.

BACKGROUND

The Development Services, Engineering section, has reviewed the subject final map and found that it is in compliance with the Subdivision Map Act and the City's Subdivision Ordinance and all conditions of the tentative map have been met. This map will create 95 residential lots and 1 landscape lot.

FISCAL IMPACT

There is no fiscal impact to the City's General Fund associated with this approval.

ENVIRONMENTAL REVIEW

Approval of the Sierra Vista Village JM-02B - Phase 1 final map is an action that is subject to California Environmental Quality Act (CEQA). Project level CEQA compliance for the Sierra Vista Village JM-02B - Phase 2 final map was accomplished with preparation of the Sierra Vista Specific Plan EIR (Adopted: May 5, 2010) (SCH#2008032017) and the Mitigated Negative Declaration (MND) and associated Mitigation Monitoring Program approved by the City of Roseville on June 6, 2012. Because the Sierra Vista Village JM-02B - Phase 2 final map is consistent with project evaluated in the Sierra Vista Specific Plan Environmental Impact Report (EIR), no new effects would be expected to occur and all applicable mitigation measures

from the Sierra Vista Specific Plan EIR will be implemented. As such, no additional CEQA action is required at this time.

Respectfully Submitted,

Kerry Andrews, Assistant Engineer

Mike Isom, Development Services Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 20-099

Subdivision Agreement

Final Map

RESOLUTION NO. 20-099

APPROVING A SUBDIVISION AGREEMENT, BY AND BETWEEN THE CITY OF
ROSEVILLE AND JOHN MOURIER CONSTRUCTION, INC., AND AUTHORIZING THE
CITY MANAGER TO EXECUTE IT ON BEHALF OF
THE CITY OF ROSEVILLE

WHEREAS, a subdivision agreement, by and between the City of Roseville and John Mourier Construction, Inc., for the Sierra Vista Village JM-02B – Phase 2 subdivision, has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said agreement is approved and that the City Manager is authorized to execute it on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

**RECORDING REQUESTED BY AND WHEN
RECORDED, PLEASE RETURN TO:**

**City Clerk
CITY OF ROSEVILLE
311 Vernon Street
Roseville, CA 95678**

SUBDIVISION AGREEMENT

Sierra Vista Village JM-02B - Phase 2 SUBDIVISION

THIS AGREEMENT, made and entered into this ____ day of _____,
20__, by and between the CITY OF ROSEVILLE, a municipal corporation ("CITY"), and

John Mourier Construction, Inc.,

a _____ a California corporation _____, ("SUBDIVIDER"),

W I T N E S S E T H:

WHEREAS, SUBDIVIDER is possessed of a tract of land lying in the City of Roseville,
County of Placer, known as " Sierra Vista Village JM-02B - Phase 2 Subdivision" (Subdivision
no. 2012PL-038; "the Subdivision"); and

WHEREAS, a tentative map of the Subdivision was approved by the City Planning
Commission on the 12th day of December, 2013, and the final map of the Subdivision
has been approved subject to the execution of this Agreement; and

WHEREAS, the final map has been filed on the ____ day of _____, 20__ in
Book _____ of Parcel/Subdivision Maps at Page _____ in the Official Records, Placer
County Recorder, file no. _____; and

WHEREAS, Section 18.20.110 of the Roseville Municipal Code, regulating the subdivision of land in the City, requires that SUBDIVIDER shall execute and file an agreement between itself and CITY relating to the improvements to be made in a subdivision, prior to the approval by the City Council of the final map.

NOW, THEREFORE, the parties agree as follows:

1. Rights-of-Way. Except as otherwise provided by this Agreement, CITY rejects all lands, right-of-ways, and easements offered for dedication on the final map of the Subdivision. All such offers shall, however, remain open, and shall constitute irrevocable offers of dedication in accordance with Government Code Section 66477.2. All such offers may be accepted by CITY in its sole discretion at any later date without further notice to SUBDIVIDER as provided by law.

By way of explanation only, it is the current intention of CITY to accept all or part of such irrevocable offers to dedicate upon acceptance of the improvements called for in this Agreement.

2. Improvements - Time Limit. SUBDIVIDER agrees to cause all improvements to be made and constructed in the Subdivision to fully comply with the requirements of the Roseville Municipal Code and the Subdivision Map Act of the State of California according to the improvement plans for the Subdivision prepared by Baker Williams Engineering Group, dated August 9, 2019 and approved by the City Engineer and including any changes or alterations to such improvements required by the City Engineer, and to install, on or before December 31, 2021, such survey monuments as may be required by the City Engineer ("the Work"). SUBDIVIDER agrees to pay for any materials, provisions or other supplies used in, upon, for or about the performance of the Work, or for any work or labor of any kind done in

connection with the Work, or for any amounts due under the Unemployment Insurance Act with respect to such work or labor.

SUBDIVIDER agrees to complete all of the Work on or before twenty-four (24) months from the date of this Agreement. If in the opinion of the City Engineer of CITY, an extension of this Agreement is not detrimental to the public welfare, he or she is, in his or her sole discretion, hereby authorized to extend the time within which the Work shall be completed for a period not to exceed twelve (12) months. Upon a written application made by SUBDIVIDER, further extensions, not to exceed an additional six (6) months, shall be reviewed and approved at the discretion of the City Engineer of CITY. Any such application extension request by SUBDIVIDER shall fully state the grounds and facts relied upon for the granting of additional extensions.

In the event that SUBDIVIDER shall fail to complete the Work within the time provided by this Agreement, CITY may, in its sole discretion and in addition to any other remedy provided in this Agreement or by law, enter upon the Subdivision and complete the Work and recover the full cost and expense of such construction from SUBDIVIDER, SUBDIVIDER's successors and assigns, or from the then owner of the Subdivision, and/or place a lien upon the Subdivision for such cost and expense.

If at anytime prior to the expiration of the time provided by this Agreement the City Engineer of CITY determines that a safety hazard exists within an existing public right-of-way, the City Engineer shall give written notice to SUBDIVIDER to eliminate the safety hazard. If SUBDIVIDER fails to eliminate the safety hazard within five (5) calendar days of the written notice, CITY may, in its sole discretion and in addition to any other remedy provided in this Agreement or by law, eliminate the safety hazard and recover the full cost and expense of such work from SUBDIVIDER, SUBDIVIDER's successors and assigns, or from the then owner of the Subdivision, and/or place a lien upon the Subdivision for such cost and expense.

3. Acquisition and Dedication of Easements or Rights-of-Ways. If any of the Work is to be constructed or installed on land not within the Subdivision or already existing public right-of-way, no construction or installation shall be commenced before:

a. The irrevocable offer of dedication or conveyance to CITY of appropriate right-of-ways, easements or other interest in real property, and appropriate authorization from the property owner to allow construction or installation of the improvements or work; or

b. The issuance of an order of possession by a court of competent jurisdiction pursuant to the State Eminent Domain Law. SUBDIVIDER shall comply in all respects with any such order of possession.

Nothing in this Section 3 shall be construed as authorizing or granting an extension of time to SUBDIVIDER for completion of the Work.

4. Inspection Fees and Costs. The City Engineer shall inspect all of the Work improvements made in the Subdivision to see that they comply with CITY's subdivision regulations and specifications. SUBDIVIDER shall deposit the estimated inspection fee and reimburse CITY for the cost of such inspections in accordance with Roseville Municipal Code section 18.20.070.

5. Securities.

a. SUBDIVIDER shall file with this Agreement two (2) improvement securities as set forth in Roseville Municipal Code Sections 18.20.150 and 18.20.160. Each security shall be in the amount of one hundred percent (100%) of the total estimated cost of the Work as determined by the City Engineer which amount is the sum of \$ 2,798,868.00. One improvement security shall secure faithful performance of this Agreement as required by Section 66499.3(a) of the Government Code of the State of California (the "faithful performance" security). The second improvement security shall, as required by Section 66499.3(b) of the Government Code of the State of California, secure the obligations set forth in Title 15

(commencing with Section 3082) of Part 4 of Division 3 of the Civil Code of the State of California for payment to the contractor, his subcontractors and to persons renting equipment or furnishing labor or materials to them for the Work (the "payment security"). The improvement securities required under this paragraph shall also secure placement of monumentation and guarantee payment therefor as provided by California Government Code section 66496.

b. SUBDIVIDER shall also file with this Agreement a "guarantee and warranty security" in the amount of ten percent (10%) of the City Engineer's estimated cost of the Work as set forth in Section 18.20.170 of the Roseville Municipal Code to guarantee and warrant the Work for a period of one year following its completion and acceptance against any defective work or labor done, or defective materials furnished, as required by Section 66499(a)(5) of the Government Code of the State of California. The guarantee and warranty security shall be released upon SUBDIVIDER's request following expiration of the warranty period and subject to the reasonable determination of the City Engineer that SUBDIVIDER's warranty obligations have been satisfied.

c. Any bonds submitted as security pursuant to this section shall be executed by a surety company authorized to transact a surety business in the State of California. All required securities shall be in a form approved by the City Attorney of CITY.

6. Successors and Assigns – Covenant Running with the Land. This Agreement shall inure to the benefit of, and be binding upon, the successors and assigns of the respective parties. It shall be recorded in the Office of the Recorder of Placer County concurrently with the final map of the Subdivision, and shall constitute a covenant running with the land and an equitable servitude upon the real property within the Subdivision.

7. Acceptance of Improvements Upon Completion. Upon satisfactory completion of the Work, in accordance with this Agreement, CITY agrees to accept the Work and its

improvements and the offers of dedication described in paragraph 1, subject to the provisions of paragraphs 1 and 10 of this Agreement.

8. Notice Regarding Construction. SUBDIVIDER shall notify the City Engineer of CITY in writing three (3) days prior to the commencement of construction of the Work.

9. Subdivider's Obligation to Warn Public During Construction. Until final acceptance of the Work, SUBDIVIDER shall give good and adequate warning to the public of each and every dangerous condition which may exist in the Work, and will take all reasonable actions to protect the public from any such dangerous condition.

10. Warranty.

a. SUBDIVIDER guarantees and warrants the public improvements which constitute the Work required by this Agreement, and agrees to remedy any defects in the improvements or the Work arising from faulty or defective materials or construction of said improvements or the Work occurring within twelve (12) months after their acceptance by CITY. SUBDIVIDER agrees to permit inspection of all improvements in the Subdivision by the City Engineer of CITY for such period, and to reimburse CITY for the cost of such inspections.

b. If, within the warranty period, the Work or improvement or any part of the Work done, furnished, installed, or constructed fails to fulfill any of the requirements of this Agreement or the improvement plans and specifications, SUBDIVIDER shall, without delay or cost to CITY, repair, replace or reconstruct any defective or otherwise unsatisfactory part or parts of the Work. CITY may, at its sole option, perform such repair or replacement itself if SUBDIVIDER has failed to commence such repair within twenty (20) days after CITY has mailed written notice of default to SUBDIVIDER and to SUBDIVIDER'S Surety. In such event, SUBDIVIDER agrees to pay the cost of such repair and replacement by CITY and CITY may, at its option, recover such cost as a lien against the Subdivision should the cost exceed the inspection fee deposited pursuant to paragraph 4 of this Agreement.

Should CITY determine that the public safety requires repairs or replacements to be made before SUBDIVIDER can be notified, CITY may, in its sole discretion, make the necessary repairs or replacement or perform the necessary work. SUBDIVIDER shall pay to CITY the cost of such repairs and CITY may at its option recover such cost as a lien against the Subdivision.

11. Indemnification. To the fullest extent allowed by law, SUBDIVIDER shall defend, indemnify, and save and hold harmless CITY, its officers, agents, employees and volunteers from any claims, suits or actions of every name, kind and description brought forth, or on account of, injuries to or death of any person (including but not limited to workers and the public), or damage to property, resulting from or arising out of SUBDIVIDER 's willful misconduct or negligent act or omission while engaged in the performance of obligations or exercise of rights created by this Agreement, except those matters arising from CITY's sole or active negligence or willful misconduct. The parties intend that this provision shall be broadly construed.

SUBDIVIDER's responsibility for such defense and indemnity obligations shall survive the termination or completion of this Agreement for the full period of time allowed by law. The defense and indemnity obligations of this Agreement are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Agreement.

12. Insurance. SUBDIVIDER agrees to continuously maintain, in full force and effect, at a minimum the following policies of insurance during the term of this Agreement.

COVERAGE

LIMITS OF LIABILITY

General Liability

\$2,000,000 per occurrence

\$3,000,000 aggregate

Personal Injury:

\$2,000,000 per occurrence

\$3,000,000 aggregate

Automobile Liability

\$1,000,000 combined single limit

a. Form. SUBDIVIDER shall submit a certificate evidencing such coverage for the period covered by this Agreement in a form satisfactory to Risk Management and the City Attorney, prior to undertaking any work hereunder. Any insurance written on a claims made basis is subject to the approval of Risk Management and the City Attorney.

b. Additional Insureds. SUBDIVIDER shall also provide a separate endorsement form or section of the policy showing CITY, its officers, agents, employees and volunteers as additional insureds for each type of coverage, except for Workers' Compensation, for ongoing and completed operations. Such insurance shall specifically cover the contractual liability of SUBDIVIDER. The additional insured coverage under the SUBDIVIDER's policy shall be primary and noncontributory, as evidenced by a separate endorsement or section of the policy, and shall not seek contribution from CITY's insurance or self-insurance. In addition, the additional insured coverage shall be at least as broad as the Insurance Services Office ("ISO") CG 20 01 Endorsement. Any available insurance proceeds in excess of the specified minimum insurance coverage requirements and limits shall be available to the additional insureds. Furthermore, the requirements for coverage and limits shall be: (1) the minimum coverage and limits specified in this Agreement; or (2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater.

c. Cancellation/Modification. SUBDIVIDER shall provide ten (10) days written notice to CITY prior to cancellation or modification of any insurance required by this Agreement.

d. Umbrella/Excess Insurance. The limits of insurance required in this Agreement may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply

on a primary and noncontributory basis for the benefit of CITY (if agreed to in a written contract) before CITY's own insurance shall be called upon to protect it as a named insured.

e. Self-Insured Retentions. All self-insured retentions ("SIR") must be disclosed to Risk Management for approval and shall not reduce the limits of liability. Policies containing any SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or CITY. CITY reserves the right to obtain a full certified copy of any insurance policy and endorsements. The failure to exercise this right shall not constitute a waiver of such right.

f. Waiver of Subrogation. SUBDIVIDER hereby agrees to waive subrogation which any insurer of SUBDIVIDER may acquire from SUBDIVIDER by virtue of the payment of any loss under a Workers Compensation, Commercial General Liability or Automobile Liability policy. All Workers Compensation, Commercial General Liability and Automobile Liability policies shall be endorsed with a waiver of subrogation in favor of CITY, its officers, agents, employees and volunteers for all work performed by SUBDIVIDER, its employees, agents and subcontractors.

g. Liability/Remedies. Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve SUBDIVIDER of liability in excess of such coverage, nor shall it preclude CITY from taking such other actions as are available to it under any other provisions of this Agreement or law.

13. Irrevocability of Security. The improvement securities furnished pursuant to paragraph 5 shall be irrevocable, shall not be limited as to time (except as to the one-year guarantee and warranty period specified in paragraph 10) and shall provide that they may be released, in whole or part, only upon the written approval of the City Engineer of CITY.

14. Attorney's Fees; Venue; Governing Law. Any action by any party to this Agreement, or any action concerning a security furnished pursuant to paragraph 5, shall be

brought in the appropriate court of competent jurisdiction within the County of Placer, State of California, notwithstanding any other provision of law which may provide that such action may be brought in some other location. In the event it becomes necessary for either party to bring an action with respect to enforcement of the provisions of this Agreement, or the security therefor, the prevailing party in such action shall be awarded a reasonable attorney's fee, as may be determined by the Court. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

15. Release of Faithful Performance Security. Release of faithful performance security shall be in compliance with and pursuant to the procedures set forth in Government Code Section 66499.7. Upon the completion of all secured Work by SUBDIVIDER and written acceptance of that completed Work by CITY, and the furnishing of the warranty security as required by paragraph 5(b), the City Engineer shall authorize the release of the remaining faithful performance security.

16. Release of Payment Security. Thirty-five (35) days after a notice of completion is recorded with respect to the Work, the City Engineer of CITY may authorize the release of the payment security, in the event that no claims have been filed against said security. In the event that claims or actions are filed against the security, the City Engineer may release so much of such security as is in excess of the total of the claims made against it, plus a reasonable amount of costs and attorney's fees.

17. Automatic Termination Upon Completion and Sale of Residential Unit. This Agreement and any lien pursuant hereto shall automatically be terminated, without any further action by either party or need to record any additional document, with respect to any single-family residential lot within a parcel designated by the Specific Plan for residential use, upon completion of construction and issuance by the City of a final inspection for a dwelling unit upon such residential lot and conveyance of such improved residential lot to a bona-fide good faith

purchaser thereof. In connection with its issuance of a final inspection for such improved lot, City shall confirm that: (i) all improvements which are required to serve the lot, as determined by City, have been accepted by City; (ii) the lot is included within the Maintenance CFD required by Section 3.20 or other financing mechanism acceptable to the City, to the extent required hereby; and (iii) if and to the extent applicable to such lot, an affordable purchase or rental housing agreement has been recorded on the lot. Termination of this Agreement for any such residential lot as provided for in this section shall not in any way be construed to terminate or modify any assessment district or Mello-Roos Community Facilities District lien affecting such lot at the time of termination.

18. Failure of Performance. In addition to any other remedies provided in this Agreement or by law, in the event SUBDIVIDER fails to perform one or more of the covenants or conditions of this Agreement, CITY shall have recourse to the security given to guarantee the performance of such acts. CITY may do, or cause to be done, those acts required of SUBDIVIDER, and shall have recourse against so much of the security as is necessary to discharge the responsibility of SUBDIVIDER. In the event CITY seeks recourse against a security, CITY shall also have recourse against SUBDIVIDER for any and all amounts necessary to complete the obligations of SUBDIVIDER in the event the security is insufficient to pay such amounts. All administrative costs, including reasonable attorney's fees pursuant to Section 66499.4 of the Government Code, incurred by CITY, in addition to the costs of the improvements, shall be a proper charge against the security and SUBDIVIDER.

19. Integration. This Agreement is an integrated agreement. It supersedes all prior negotiations, representations, or agreements, either written or oral.

20. Modification. This Agreement and each provision contained herein may be waived, amended, supplemented or eliminated only by mutual written agreement of the parties.

21. Notices. Any notices sent to the parties relating to this Agreement shall be sent by first class mail, postage prepaid or delivered to the following addresses:

Marc Stout, City Engineer
City of Roseville
311 Vernon Street
Roseville, CA 95678

Steve A. Schnable
John Mourier Construction, Inc.
1430 Blue Oaks Blvd, Suite 190
Roseville, CA 95747

Either party may amend its address by giving written notice to the other.

22. Severability. If any of the provisions contained in this Agreement are for any reason held invalid or unenforceable, such holding shall not affect the remaining provisions or the validity and enforceability of the Agreement as a whole.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attestation by its City Clerk under authority of Resolution No. ____, adopted by the Council of the City of Roseville on the ____ day of ____, 20__, and SUBDIVIDER has caused this Agreement to be executed.

CITY OF ROSEVILLE, a
municipal corporation,

John Mourier Construction, Inc.,
a California corporation

BY: _____
DOMINICK CASEY
City Manager

BY:  _____
its:  _____

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Placer)

On March 3, 2020 before me, Karen Headley, a notary public
(insert name and title of the officer)

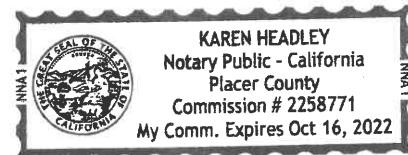
personally appeared Rod Yamanaka,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

WITNESS my hand and official seal.

Signature Karen Headley

(Seal)



ATTEST:

and

BY: _____

BY: _____

SONIA OROZCO
City Clerk

its: _____

(NOTARIZATION REQUIRED)

APPROVED AS TO FORM:

BY: _____

ROBERT R. SCHMITT
City Attorney

APPROVED AS TO SUFFICIENCY:

BY: _____


MARC STOUT
City Engineer

OWNER'S STATEMENT:

THE UNDERSIGNED HEREBY STATE THAT THEY ARE THE ONLY PERSONS HAVING ANY RECORD TITLE INTERESTS IN THE REAL PROPERTY INCLUDED WITHIN THIS PLAT OF "SIERRA VISTA VILLAGE JM-02B - PHASE 2" SHOWN UPON THIS MAP AND THEY HEREBY CONSENT TO THE PREPARATION AND RECORDING OF THIS MAP AND OFFER FOR DEDICATION AND DO HEREBY DEDICATE FOR SPECIFIC PURPOSES THE FOLLOWING:

*THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS AN EASEMENT FOR PUBLIC PURPOSES:

- (A) PUBLIC EASEMENTS FOR INSTALLATION AND MAINTENANCE OF BUT NOT LIMITED TO WATER, GAS AND SEWER PIPES, AND FOR POLES AND OVERHEAD AND UNDERGROUND WIRES AND CONDUITS FOR ELECTRIC, TELEVISION AND TELEPHONE SERVICES AND TRAFFIC CONTROL APPURTENANCES TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER, UNDER AND ACROSS LOT 'D' AND THOSE STRIPS OF LAND LYING CONTIGUOUS TO THE DRIVES AND PLACE SHOWN HEREON AND DESIGNATED "P.U.E." (PUBLIC UTILITY EASEMENT).

THE REAL PROPERTY DESCRIBED BELOW IS OFFERED FOR DEDICATION IN FEE FOR PUBLIC PURPOSES:

- (A) AS PUBLIC RIGHT-OF-WAY (INCLUDING ALL IMPROVEMENTS THEREON) LOT 'D' AND THE STREETS SHOWN HEREON AS SHIMMER FALLS DRIVE, CLEAR SPRINGS PLACE AND LAKEHAVEN DRIVE.

JOHN MOURIER CONSTRUCTION, INC., A CALIFORNIA CORPORATION

BY: _____
PRINT NAME:
TITLE:

BY: _____
PRINT NAME:
TITLE:

NOTARY ACKNOWLEDGEMENT:

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT

STATE OF CALIFORNIA)
SS
COUNTY OF PLACER)

ON _____, 2020 BEFORE ME _____, A NOTARY PUBLIC PERSONALLY APPEARED _____ WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HWE/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S) OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND AND OFFICIAL SEAL:

SIGNATURE _____ PRINTED NAME _____

MY COMMISSION NO. IS _____

MY PRINCIPAL PLACE OF BUSINESS IS _____ COUNTY

MY COMMISSION EXPIRES _____

Plat of
SIERRA VISTA VILLAGE JM-02B - PHASE 2
SUBDIVISION NO.: 2012PL-038
ALL OF LOT 18 AS SHOWN ON THE LARGE LOT SUBDIVISION MAP OF "THE VILLAGES AT SIERRA VISTA" FILED IN BOOK DD OF MAPS, AT PAGE 26.
LOCATED IN SECTION 36, T. 11 N., R. 5 E., M.D.M.
CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA
MARCH, 2020
BAKER-WILLIAMS ENGINEERING GROUP
SHEET 1 OF 8

CITY ENGINEER'S STATEMENT:

I HEREBY STATE THAT I HAVE EXAMINED THIS PLAT OF "SIERRA VISTA VILLAGE JM-02B - PHASE 2" AND FIND IT TO BE SUBSTANTIALLY THE SAME AS THE TENTATIVE MAP ON FILE AND ANY APPROVED ALTERATIONS THEREOF, THAT ALL PROVISIONS OF THE SUBDIVISION MAP ACT AND ALL APPLICABLE CITY ORDINANCES HAVE BEEN COMPLIED WITH.

DATED _____

MARC STOUT R.C.E. 69879
CITY ENGINEER, CITY OF ROSEVILLE
EXPIRATION DATE 09/30/2020

I HEREBY STATE THAT I AM SATISFIED THAT THIS PLAT OF "SIERRA VISTA VILLAGE JM-02B - PHASE 2" IS TECHNICALLY CORRECT.

FOR MARC STOUT, CITY ENGINEER, CITY OF ROSEVILLE

DATED _____

TIMOTHY G. BLAIR
P.L.S. 8278 EXPIRATION DATE 12/31/2021



CITY CLERK'S STATEMENT:

I HEREBY STATE THAT THE CITY COUNCIL OF THE CITY OF ROSEVILLE HAS APPROVED THIS PLAT OF "SIERRA VISTA VILLAGE JM-02B - PHASE 2" AND HAS ACCEPTED ON BEHALF OF THE PUBLIC, SUBJECT TO IMPROVEMENT, LOT 'D' AND THE RIGHTS-OF-WAY AND EASEMENTS HEREON OFFERED FOR DEDICATION.

DATED _____

CITY CLERK, CITY OF ROSEVILLE

BY: _____
ASSISTANT CITY CLERK

SURVEYOR'S STATEMENT:

THIS MAP WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCE AT THE REQUEST OF JOHN MOURIER CONSTRUCTION, INC., IN FEBRUARY, 2016. I HEREBY STATE THAT ALL THE MONUMENTS ARE OF THE CHARACTER AND OCCUPY THE POSITIONS INDICATED OR THAT THEY WILL BE SET IN THOSE POSITIONS ON OR BEFORE DECEMBER 31, 2021, THAT THE MONUMENTS WILL BE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED AND THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO THE CONDITIONALLY APPROVED TENTATIVE MAP.

DATE _____

JOHN KARL JEFFRIES L.S. 7820
EXPIRES 12/31/2021



RECORDER'S STATEMENT:

ACCEPTED FOR RECORD AND FILED IN THE OFFICE OF THE RECORDER OF PLACER COUNTY, STATE OF CALIFORNIA, AT THE REQUEST OF OLD REPUBLIC TITLE COMPANY, AT _____ MINUTES AFTER _____ O'CLOCK __ M. ON THE ____ DAY OF _____, 2020 AND RECORDED IN BOOK ____ OF MAPS, AT PAGE ____.

DOCUMENT NO. _____

COUNTY RECORDER OF PLACER COUNTY

FEE _____

BY: _____
DEPUTY

Plat of
SIERRA VISTA VILLAGE JM-02B - PHASE 2

SUBDIVISION NO.: 2012PL-038
ALL OF LOT 18 AS SHOWN ON THE LARGE LOT SUBDIVISION MAP OF "THE VILLAGES AT SIERRA VISTA" FILED IN BOOK DD OF MAPS, AT PAGE 26.
LOCATED IN SECTION 36, T. 11 N., R. 5 E., M.D.M.
CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA
MARCH, 2020
SCALE: 1"=100'

BAKER-WILLIAMS ENGINEERING GROUP

Sheet 2 of 8

NOTES:

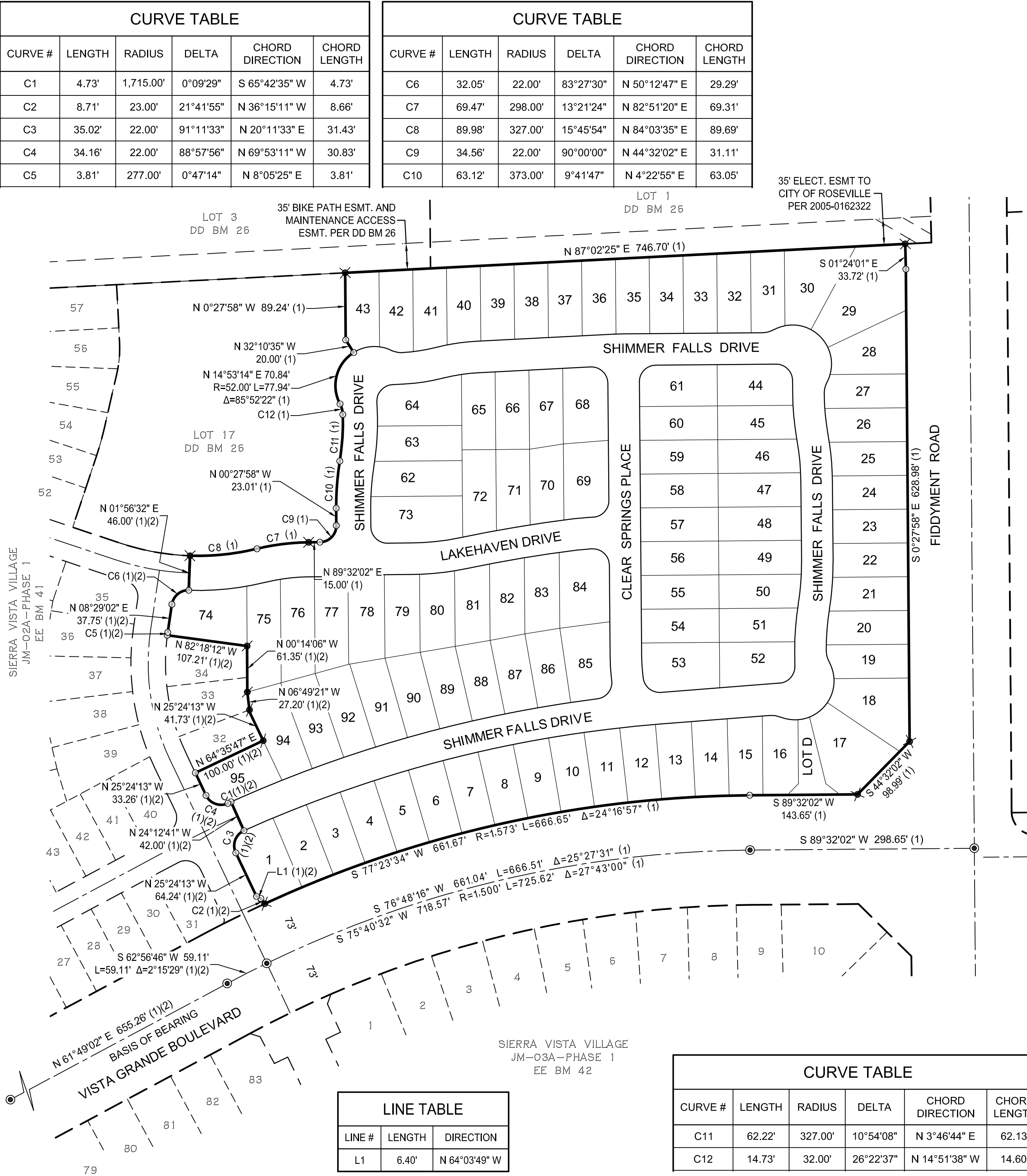
- THIS SUBDIVISION CONTAINS 14.404 ACRES MORE OR LESS, CONTAINING 95 SINGLE FAMILY LOTS NUMBERED 1-95 AND 1 LANDSCAPE LOT (LOT 'D').
- ALL DISTANCES SHOWN HEREON ARE EXPRESSED IN FEET AND DECIMALS THEREOF.
- A PRELIMINARY SOILS REPORT WAS PREPARED BY YOUNGDAHL CONSULTING GROUP, PROJECT NO. E133171.000 DATED SEPTEMBER 10, 2013. A COPY OF THIS REPORT IS AVAILABLE FOR PUBLIC INSPECTION AT THE CITY OF ROSEVILLE ENGINEERING DEPARTMENT (FILE NUMBER 308-810)
- 5/8" REBAR CAPPED "LS 7820" WILL BE SET AT ALL REAR LOT CORNERS AND AT ALL ANGLE POINTS IN THE PROPERTY LINE. IN THE EVENT OF A CONFLICT WITH A RETAINING OR SOUNDWALL, A 2.00 FOOT WITNESS CORNER SHALL BE SET ON LINE. ALL FRONT LOT CORNERS SHALL BE MARKED WITH A 1" BRASS DISC STAMPED "LS 7820" AT A 1.0 FOOT PROJECTION OF THE PROPERTY LINE INTO THE SIDEWALK.
- MAINTENANCE OF THE LANDSCAPING LOT AND IMPROVEMENTS ON LOT 'D' SHALL BE THE RESPONSIBILITY OF THE CITY OF ROSEVILLE.

LEGEND:

- P.U.E. PUBLIC UTILITY EASEMENT
(R) RADIAL LINE
○ DIMENSION POINT, NOTHING FOUND OR SET
⊗ SET 3/4" IRON PIPE W/ BRASS DISK STAMPED L.S. 7820
⊙ SET BRASS MONUMENT IN STANDARD CITY OF ROSEVILLE MONUMENT WELL STAMPED L.S. 7820
⊗ FND 5/8" REBAR WITH CAP STAMPED "L.S. 7820" PER EE BM 41
⊗ FND 3/4" IRON PIPE TAGGED "L.S. 7820" PER DD BM 26
⊙ FND BRASS MONUMENT IN STANDARD CITY OF ROSEVILLE MONUMENT WELL STAMPED "L.S. 7820" PER DD BM 26 & EE BM 41
(1) DD BM 26
(2) EE BM 41

BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS SURVEY IS IDENTICAL TO THE CENTERLINE OF VISTA GRANDE BOULEVARD, BEING N 61°49'02" E AND ESTABLISHED BY MONUMENTS FOUND AS SHOWN HEREON PER DD BM 26.



CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C1	4.73'	1,715.00'	0°09'29"	S 65°42'35" W	4.73'
C2	8.71'	23.00'	21°41'55"	N 36°15'11" W	8.66'
C3	35.02'	22.00'	91°11'33"	N 20°11'33" E	31.43'
C4	34.16'	22.00'	88°57'56"	N 69°53'11" W	30.83'
C26	34.01'	22.00'	88°34'53"	N 38°29'23" E	30.73'
C27	25.23'	271.00'	5°20'05"	S 3°08'01" E	25.22'
C57	23.28'	250.00'	5°20'05"	S 3°08'01" E	23.27'
C58	42.12'	1,673.00'	1°26'33"	S 66°30'36" W	42.12'

LINE TABLE		
LINE #	LENGTH	DIRECTION
L1	6.40'	N 64°03'49" W

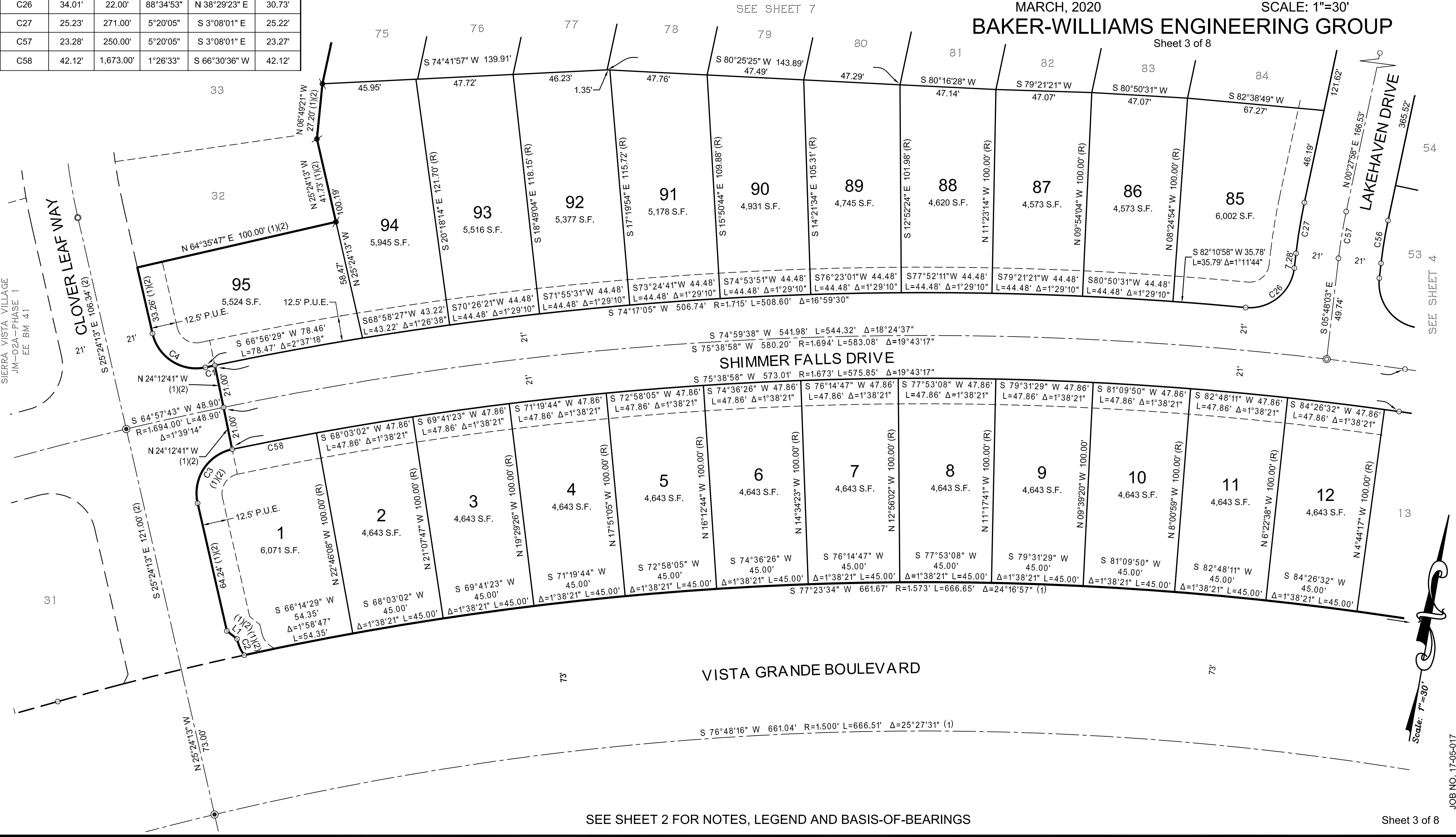
Plat of
SIERRA VISTA VILLAGE JM-02B - PHASE 2

SUBDIVISION NO.: 2012PL-038
ALL OF LOT 18 AS SHOWN ON THE LARGE LOT SUBDIVISION MAP OF "THE VILLAGES AT SIERRA VISTA" FILED IN BOOK DD OF MAPS, AT PAGE 26.

LOCATED IN SECTION 36, T. 11 N., R. 5 E., M.D.M.
CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA
MARCH, 2020
SCALE: 1"=30'

BAKER-WILLIAMS ENGINEERING GROUP

Sheet 3 of 8



Plat of

SIERRA VISTA VILLAGE JM-02B - PHASE 2

SUBDIVISION NO.: 2012PL-038

ALL OF LOT 18 AS SHOWN ON THE LARGE LOT SUBDIVISION MAP OF "THE VILLAGES AT SIERRA VISTA" FILED IN BOOK DD OF MAPS, AT PAGE 26.

LOCATED IN SECTION 36, T. 11 N., R. 5 E., M.D.M.
CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA
MARCH, 2020 SCALE: 1"=30'

BAKER-WILLIAMS ENGINEERING GROUP

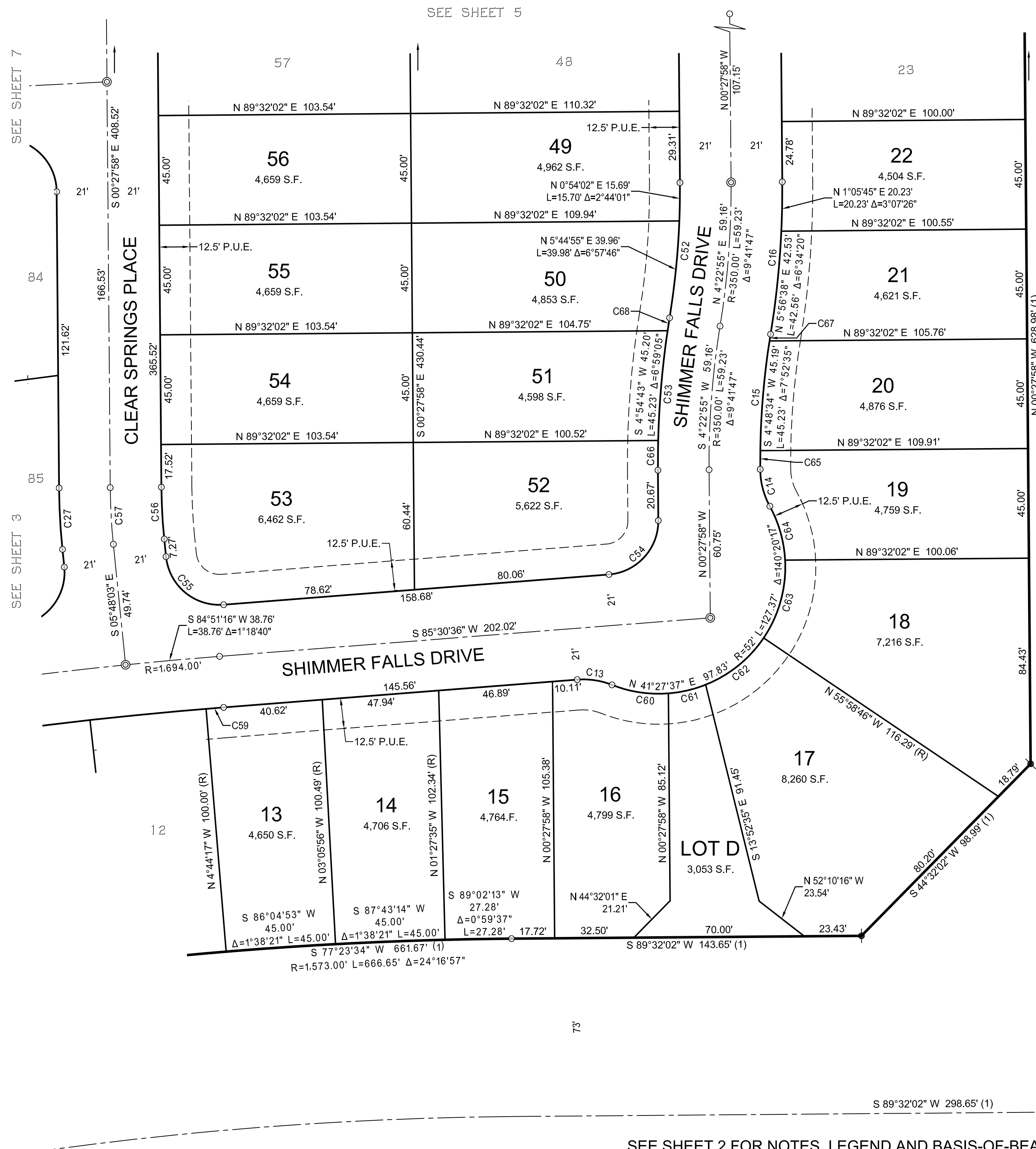
Sheet 4 of 8



CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C13	14.59'	32.00'	26°07'10"	N 81°25'49" W	14.46'
C14	15.77'	32.00'	28°14'33"	S 14°35'15" E	15.61'
C15	55.68'	329.00'	9°41'47"	S 4°22'55" W	55.61'
C16	62.79'	371.00'	9°41'47"	N 4°22'55" E	62.71'
C52	55.68'	329.00'	9°41'47"	N 4°22'55" E	55.61'
C53	62.79'	371.00'	9°41'47"	S 4°22'55" W	62.71'
C54	33.01'	22.00'	85°58'35"	N 42°31'19" E	30.00'
C55	34.05'	22.00'	88°41'20"	S 50°08'44" E	30.75'
C56	21.32'	229.00'	5°20'05"	S 3°08'01" E	21.31'
C57	23.28'	250.00'	5°20'05"	S 3°08'01" E	23.27'
C58	42.12'	1,673.00'	1°26'33"	S 66°30'36" W	42.12'
C59	7.25'	1,673.00'	0°14'54"	S 85°23'09" W	7.25'
C60	23.63'	52.00'	26°01'56"	S 81°23'12" E	23.42'
C61	15.75'	52.00'	17°21'17"	N 76°55'12" E	15.69'
C62	31.06'	52.00'	34°13'20"	N 51°07'54" E	30.60'
C63	33.73'	52.00'	37°09'50"	N 15°26'19" E	33.14'
C64	23.20'	52.00'	25°33'55"	N 15°55'34" W	23.01'
C65	7.68'	329.00'	1°20'15"	S 0°12'09" W	7.68'
C66	12.21'	371.00'	1°53'09"	S 0°28'36" W	12.21'
C67	2.77'	329.00'	0°28'57"	S 8°59'20" W	2.77'
C68	5.35'	371.00'	0°49'33"	S 8°49'02" W	5.35'

JOB NO. 17-03-017

Sheet 4 of 8



SEE SHEET 2 FOR NOTES, LEGEND AND BASIS-OF-BEARINGS

SEE SHEET 2 FOR NOTES, LEGEND AND BASIS-OF-BEARINGS

Plat of

SIERRA VISTA VILLAGE JM-02B - PHASE 2

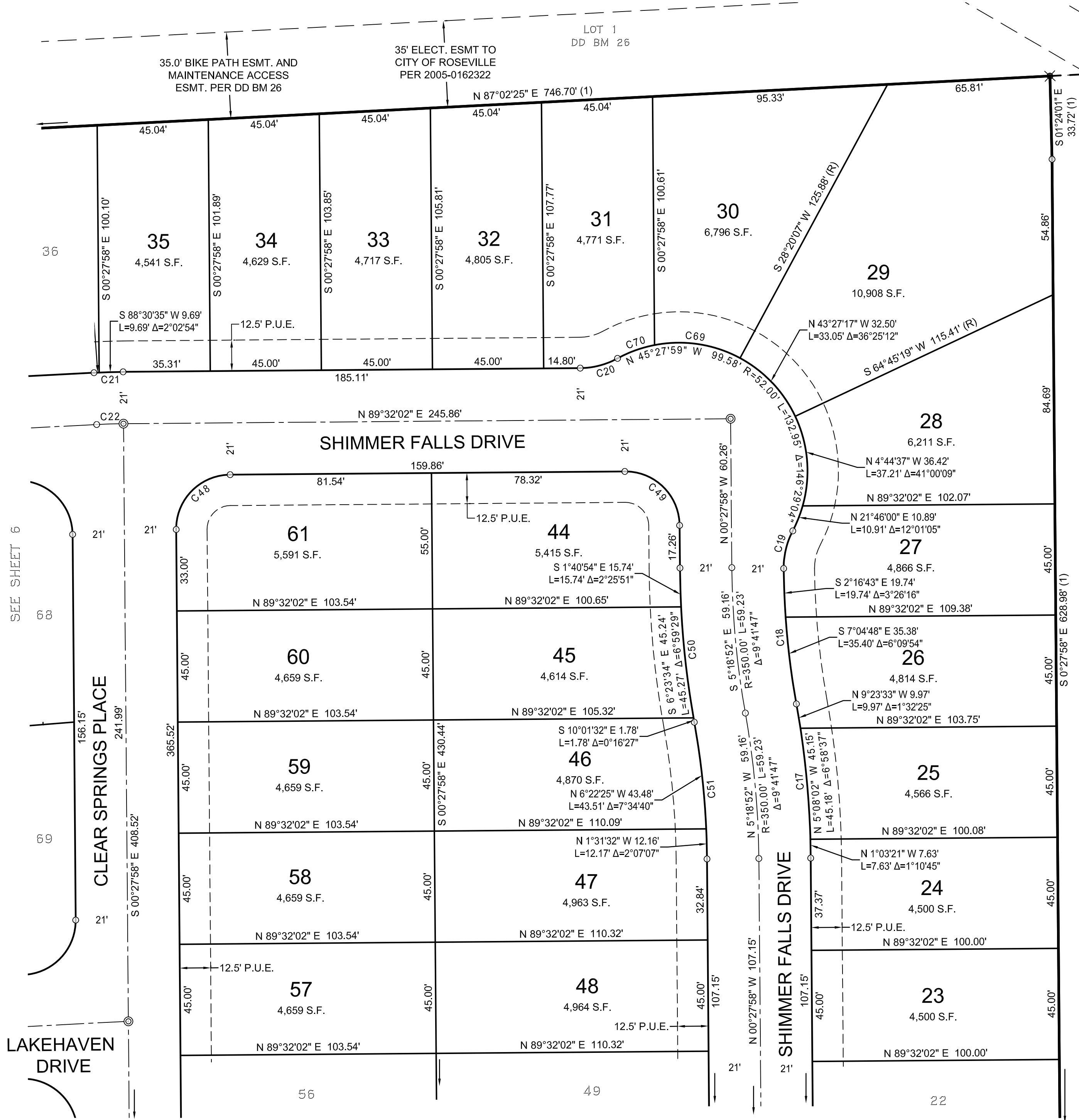
SUBDIVISION NO.: 2012PL-038

ALL OF LOT 18 AS SHOWN ON THE LARGE LOT SUBDIVISION MAP OF "THE VILLAGES AT SIERRA VISTA" FILED IN BOOK DD OF MAPS, AT PAGE 26.

LOCATED IN SECTION 36, T. 11 N., R. 5 E., M.D.M.
CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA
MARCH, 2020
SCALE: 1"=30'

BAKER-WILLIAMS ENGINEERING GROUP

Sheet 5 of 8



FIDDYMMENT ROAD

CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C17	62.79'	371.00'	9°41'47"	N 5°18'52" W	62.71'
C18	55.14'	329.00'	9°36'11"	S 5°21'40" E	55.08'
C19	15.83'	32.00'	28°20'07"	S 13°36'29" W	15.66'
C20	15.77'	32.00'	28°14'33"	N 75°24'45" E	15.61'
C21	11.79'	271.00'	2°29'37"	S 88°17'13" W	11.79'
C22	10.88'	250.00'	2°29'37"	S 88°17'13" W	10.88'
C48	34.56'	22.00'	90°00'00"	S 44°32'02" W	31.11'
C49	34.56'	22.00'	90°00'00"	N 45°27'58" W	31.11'
C50	62.79'	371.00'	9°41'47"	S 5°18'52" E	62.71'
C51	55.68'	329.00'	9°41'47"	N 5°18'52" W	55.61'
C69	35.74'	52.00'	39°22'44"	N 81°21'15" W	35.04'
C70	16.03'	52.00'	17°39'54"	S 70°07'26" W	15.97'



SEE SHEET 4

Sheet 5 of 8

JOB NO. 17-05-017

Plat of

SIERRA VISTA VILLAGE JM-02B - PHASE 2

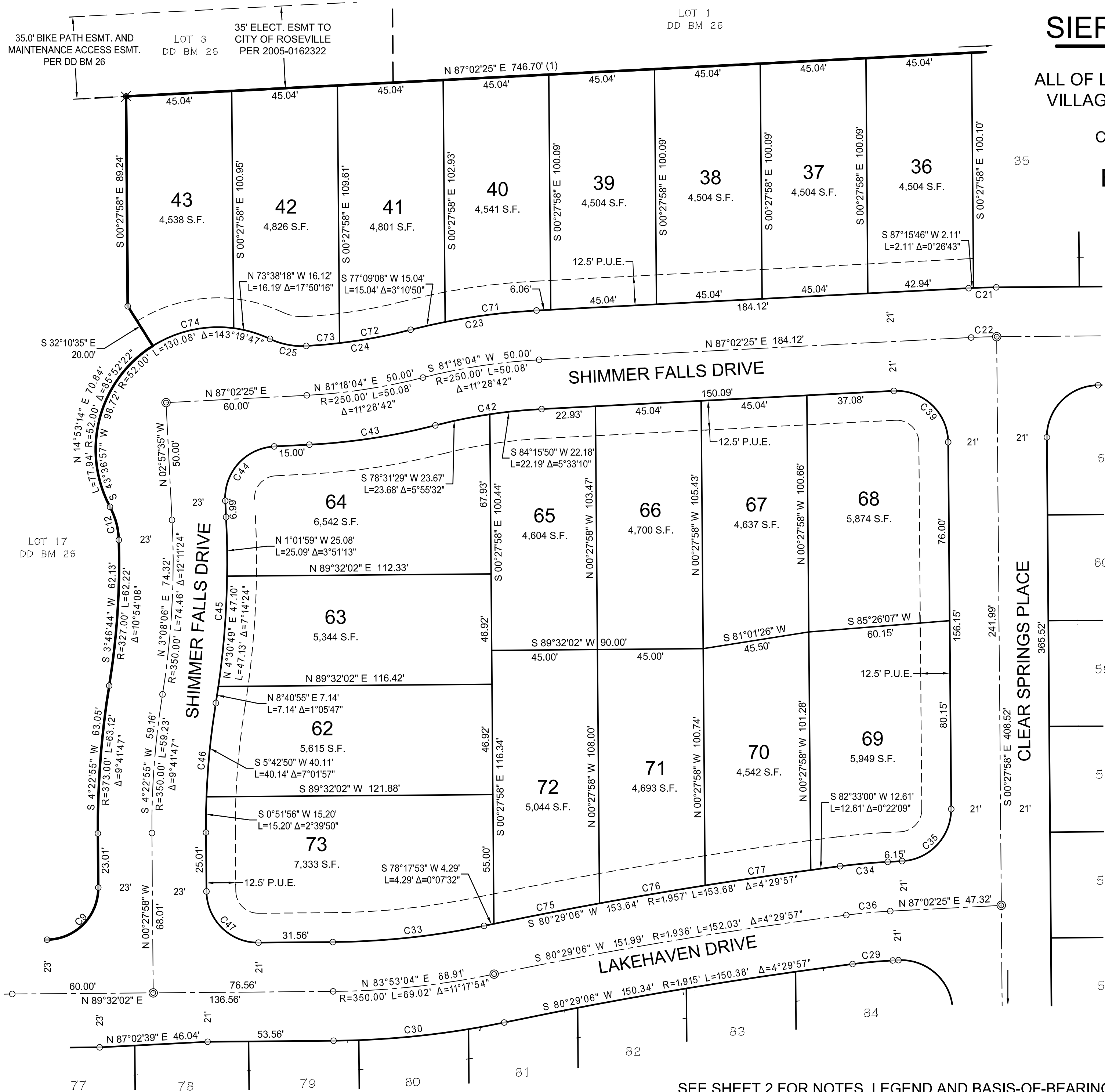
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CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA
MARCH, 2020
SCALE: 1"=30'

BAKER-WILLIAMS ENGINEERING GROUP

Sheet 6 of 8



CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C6	32.05'	22.00'	83°27'30"	N 50°12'47" E	29.29'
C9	34.56'	22.00'	90°00'00"	N 44°32'02" E	31.11'
C12	14.73'	32.00'	26°22'37"	N 14°51'38" W	14.60'
C21	11.79'	271.00'	2°29'37"	S 88°17'13" W	11.79'
C22	10.88'	250.00'	2°29'37"	S 88°17'13" W	10.88'
C23	54.29'	271.00'	11°28'42"	S 81°18'04" W	54.20'
C24	45.01'	229.00'	11°15'40"	N 81°11'33" E	44.94'
C25	15.89'	32.00'	28°27'27"	S 78°56'53" E	15.73'
C26	34.01'	22.00'	88°34'53"	N 38°29'23" E	30.73'
C27	25.23'	271.00'	5°20'05"	S 3°08'01" E	25.22'
C28	35.51'	22.00'	92°29'37"	N 46°42'47" W	31.78'
C29	17.21'	229.00'	4°18'20"	S 84°53'15" W	17.20'
C30	73.16'	371.00'	11°17'54"	N 83°53'04" E	73.04'
C31	58.75'	252.00'	13°21'24"	S 82°51'20" W	58.61'
C32	102.63'	373.00'	15°45'54"	N 84°03'35" E	102.31'
C33	64.88'	329.00'	11°17'54"	N 83°53'04" E	64.77'
C34	20.36'	271.00'	4°18'20"	S 84°53'15" W	20.36'
C35	33.60'	22.00'	87°30'23"	N 43°17'13" E	30.43'
C36	18.79'	250.00'	4°18'20"	S 84°53'15" W	18.78'
C39	35.51'	22.00'	92°29'37"	N 46°42'47" W	31.78'
C42	45.88'	229.00'	11°28'42"	S 81°18'04" W	45.80'
C43	54.29'	271.00'	11°28'42"	N 81°18'04" E	54.20'
C44	34.56'	22.00'	90°00'00"	S 42°02'25" W	31.11'
C45	79.36'	373.00'	12°11'24"	N 3°08'06" E	79.21'
C46	55.34'	327.00'	9°41'47"	S 4°22'55" W	55.27'
C47	34.56'	22.00'	90°00'00"	S 45°27'58" E	31.11'
C71	39.25'	271.00'	8°17'52"	S 82°53'29" W	39.21'
C72	30.81'	229.00'	7°42'32"	N 79°24'58" E	30.79'
C73	14.20'	229.00'	3°33'09"	N 85°02'49" E	14.20'
C74	35.96'	52.00'	39°37'09"	S 77°38'00" W	35.25'
C75	45.77'	1,957.00'	1°20'24"	S 79°01'51" W	45.77'
C76	45.58'	1,957.00'	1°20'04"	S 80°22'05" W	45.58'
C77	45.42'	1,957.00'	1°19'48"	S 81°42'02" W	45.42'

CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C5	3.81'	277.00'	0°47'14"	N 8°05'25" E	3.81'
C6	32.05'	22.00'	83°27'30"	N 50°12'47" E	29.29'
C9	34.56'	22.00'	90°00'00"	N 44°32'02" E	31.11'
C28	35.51'	22.00'	92°29'37"	N 46°42'47" W	31.78'
C29	17.21'	229.00'	4°18'20"	S 84°53'15" W	17.20'
C30	73.16'	371.00'	11°17'54"	N 83°53'04" E	73.04'
C31	58.75'	252.00'	13°21'24"	S 82°51'20" W	58.61'
C32	102.63'	373.00'	15°45'54"	N 84°03'35" E	102.31'
C33	64.88'	329.00'	11°17'54"	N 83°53'04" E	64.77'
C34	20.36'	271.00'	4°18'20"	S 84°53'15" W	20.36'
C36	18.79'	250.00'	4°18'20"	S 84°53'15" W	18.78'

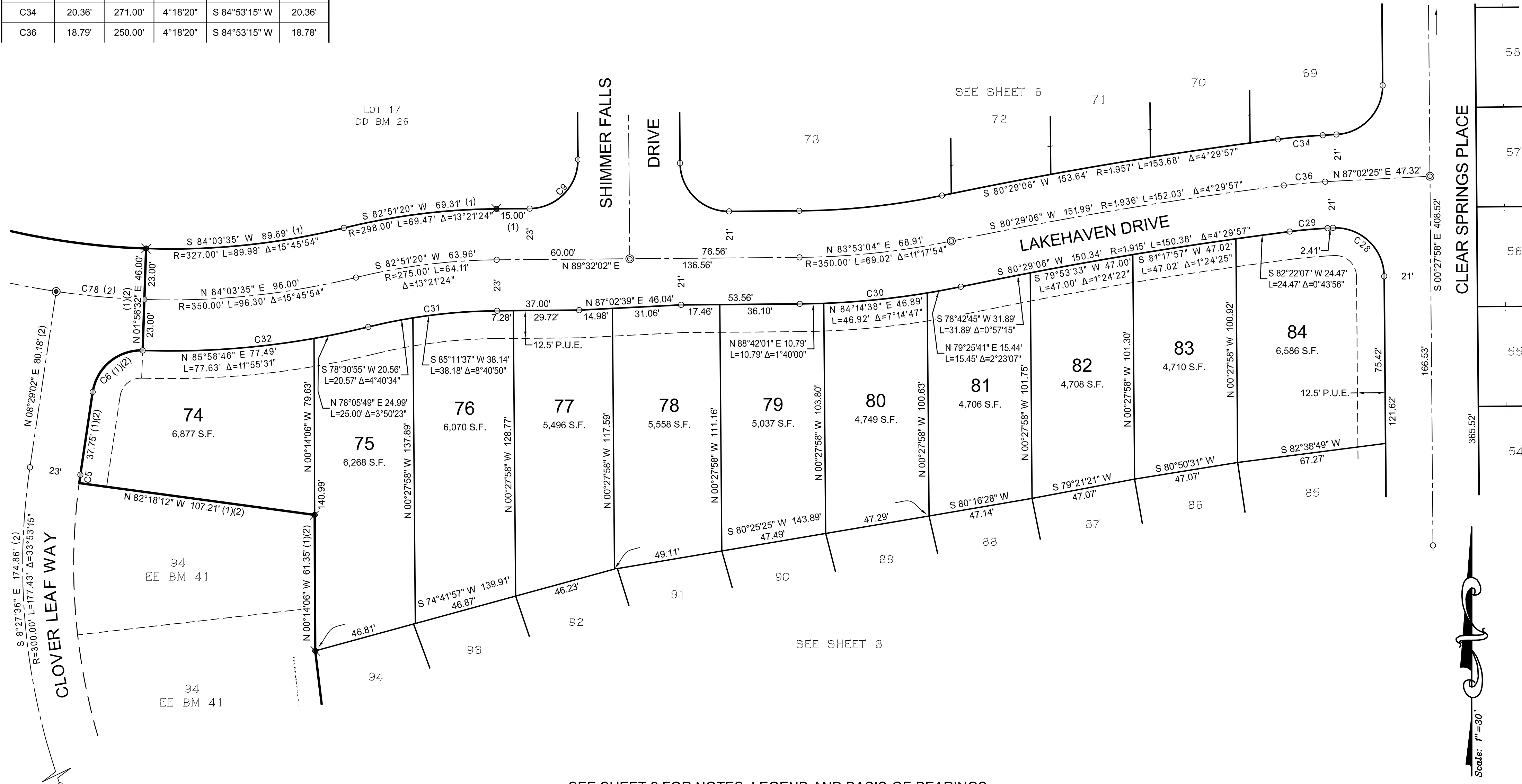
Plat of
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BAKER-WILLIAMS ENGINEERING GROUP

Sheet 7 of 8



SEE SHEET 5

SEE SHEET 4

SEE SHEET 3

SEE SHEET 2 FOR NOTES, LEGEND AND BASIS-OF-BEARINGS

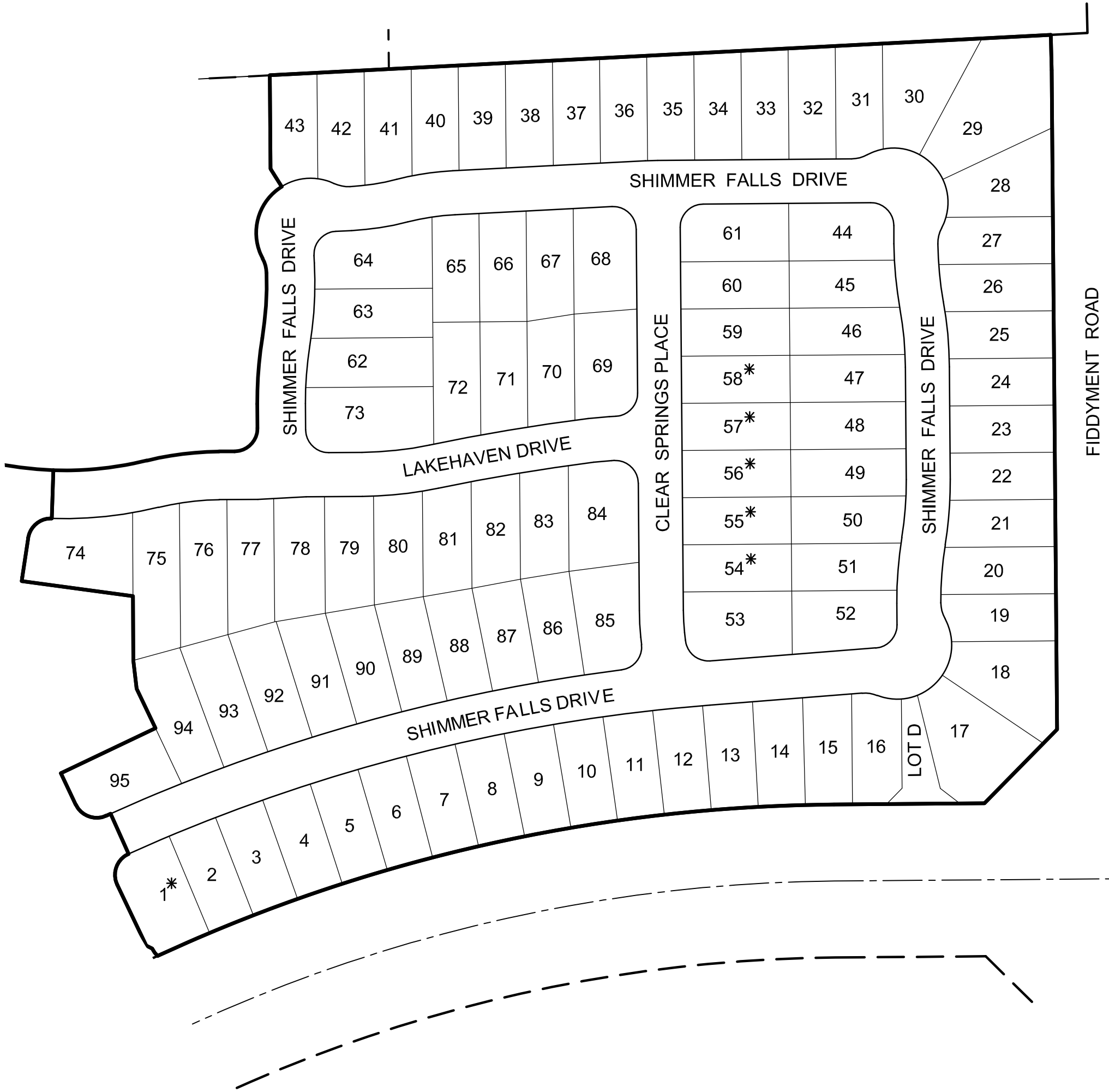


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MARCH, 2020

BAKER-WILLIAMS ENGINEERING GROUP

Sheet 8 of 8



Legend:

* DENOTES SEWER BACKFLOW PREVENTER VALVE
REQUIRED ON THE SANITARY SEWER CONNECTION BY
THE CITY OF ROSEVILLE WITH THE BUILDING PERMIT AND
MAINTAINED THEREAFTER BY THE HOMEOWNER.

Informational Sheet Only

THIS SHEET CONTAINS ADDITIONAL INFORMATION FOR INFORMATIONAL PURPOSES ONLY
PURSUANT TO SECTION 66434.2 OF THE GOVERNMENT CODE.

EACH RESIDENTIAL DWELLING CONSTRUCTED ON ANY OF THE LOTS INDICATED BELOW
SHALL BE FITTED WITH A SEWER BACKFLOW VALVE AS APPROVED BY THE CITY OF
ROSEVILLE. IT SHALL BE THE RESPONSIBILITY OF THE OWNER OF SAID DWELLING TO
MAINTAIN THE VALVE AND PREVENT DAMAGE FROM OCCURRING THERETO. THE CITY OF
ROSEVILLE SHALL NOT BE RESPONSIBLE FOR THE MAINTENANCE OR PERFORMANCE OF THE
VALVE, AND THE CITY OF ROSEVILLE SHALL NOT BE LIABLE FOR ANY DAMAGE OCCURRING
TO ANY SUCH DWELLING, OR ITS CONTENTS, DUE TO THE FAILURE OF THE VALVE FOR ANY
REASON WHATSOEVER.



COUNCIL COMMUNICATION

CC #: 0691

File #: 0400-04-12-1

Title: Sierra Vista Village JM-03B - Phase 2 Final Map and Subdivision Agreement

Contact: Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

Meeting Date: 4/15/2020

Item #: 6.9.

RECOMMENDATION TO COUNCIL

It is recommended that the City Council take the following actions:

1. Approve the final map on file with the City Clerk and accept on behalf of the public, subject to improvement, the easements offered thereon, and reject at this time, but reserve the right to accept at a later date, Lot B as offered thereon; and,
2. Adopt the attached resolution approving the Subdivision Agreement and authorize the City Manager to execute the agreement on behalf of the City.

BACKGROUND

The Development Services, Engineering section, has reviewed the subject final map and found that it is in compliance with the Subdivision Map Act and the City's Subdivision Ordinance and all conditions of the tentative map have been met. This map will create 44 residential lots, 1 private street lot and 1 open space.

FISCAL IMPACT

There is no fiscal impact to the City's General Fund associated with this approval.

ENVIRONMENTAL REVIEW

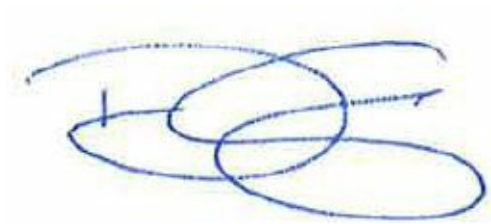
Approval of the Sierra Vista Village JM-03B - Phase 1 final map is an action that is subject to California Environmental Quality Act (CEQA). Project level CEQA compliance for the Sierra Vista Village JM-03B - Phase 2 final map was accomplished with preparation of the Sierra Vista Specific Plan EIR (Adopted: May 5, 2010) (SCH#2008032017) and the Mitigated Negative Declaration (MND) and associated Mitigation Monitoring Program approved by the City of Roseville on June 6, 2012. Because the Sierra Vista Village JM-03B - Phase 2 final map is consistent with project evaluated in the Sierra Vista Specific Plan Environmental Impact

Report (EIR), no new effects would be expected to occur and all applicable mitigation measures from the Sierra Vista Specific Plan EIR will be implemented. As such, no additional CEQA action is required at this time.

Respectfully Submitted,

Kerry Andrews, Assistant Engineer

Mike Isom, Development Services Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 20-100

Subdivision Agreement

Final Map

RESOLUTION NO. 20-100

APPROVING A SUBDIVISION AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND JOHN MOURIER CONSTRUCTION, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, a subdivision agreement, by and between the City of Roseville and John Mourier Construction, Inc., for the Sierra Vista Village JM-03B – Phase 2 subdivision, has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said agreement is approved and that the City Manager is authorized to execute it on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

**RECORDING REQUESTED BY AND WHEN
RECORDED, PLEASE RETURN TO:**

**City Clerk
CITY OF ROSEVILLE
311 Vernon Street
Roseville, CA 95678**

SUBDIVISION AGREEMENT

Sierra Vista Village JM-03B - Phase 2 SUBDIVISION

THIS AGREEMENT, made and entered into this ____ day of _____,
20__, by and between the CITY OF ROSEVILLE, a municipal corporation ("CITY"), and

John Mourier Construction, Inc.,

a _____ a California corporation _____, ("SUBDIVIDER"),

W I T N E S S E T H:

WHEREAS, SUBDIVIDER is possessed of a tract of land lying in the City of Roseville,
County of Placer, known as " Sierra Vista Village JM-03B - Phase 2 Subdivision" (Subdivision
no. 2012PL-038; "the Subdivision"); and

WHEREAS, a tentative map of the Subdivision was approved by the City Planning
Commission on the 12th day of December, 2013, and the final map of the Subdivision
has been approved subject to the execution of this Agreement; and

WHEREAS, the final map has been filed on the ____ day of _____, 20__ in
Book _____ of Parcel/Subdivision Maps at Page _____ in the Official Records, Placer
County Recorder, file no. _____; and

WHEREAS, Section 18.20.110 of the Roseville Municipal Code, regulating the subdivision of land in the City, requires that SUBDIVIDER shall execute and file an agreement between itself and CITY relating to the improvements to be made in a subdivision, prior to the approval by the City Council of the final map.

NOW, THEREFORE, the parties agree as follows:

1. Rights-of-Way. Except as otherwise provided by this Agreement, CITY rejects all lands, right-of-ways, and easements offered for dedication on the final map of the Subdivision. All such offers shall, however, remain open, and shall constitute irrevocable offers of dedication in accordance with Government Code Section 66477.2. All such offers may be accepted by CITY in its sole discretion at any later date without further notice to SUBDIVIDER as provided by law.

By way of explanation only, it is the current intention of CITY to accept all or part of such irrevocable offers to dedicate upon acceptance of the improvements called for in this Agreement.

2. Improvements - Time Limit. SUBDIVIDER agrees to cause all improvements to be made and constructed in the Subdivision to fully comply with the requirements of the Roseville Municipal Code and the Subdivision Map Act of the State of California according to the improvement plans for the Subdivision prepared by Baker Williams Engineering Group, dated August 21, 2019 and approved by the City Engineer and including any changes or alterations to such improvements required by the City Engineer, and to install, on or before December 31, 2021, such survey monuments as may be required by the City Engineer ("the Work"). SUBDIVIDER agrees to pay for any materials, provisions or other supplies used in, upon, for or about the performance of the Work, or for any work or labor of any kind done in

connection with the Work, or for any amounts due under the Unemployment Insurance Act with respect to such work or labor.

SUBDIVIDER agrees to complete all of the Work on or before twenty-four (24) months from the date of this Agreement. If in the opinion of the City Engineer of CITY, an extension of this Agreement is not detrimental to the public welfare, he or she is, in his or her sole discretion, hereby authorized to extend the time within which the Work shall be completed for a period not to exceed twelve (12) months. Upon a written application made by SUBDIVIDER, further extensions, not to exceed an additional six (6) months, shall be reviewed and approved at the discretion of the City Engineer of CITY. Any such application extension request by SUBDIVIDER shall fully state the grounds and facts relied upon for the granting of additional extensions.

In the event that SUBDIVIDER shall fail to complete the Work within the time provided by this Agreement, CITY may, in its sole discretion and in addition to any other remedy provided in this Agreement or by law, enter upon the Subdivision and complete the Work and recover the full cost and expense of such construction from SUBDIVIDER, SUBDIVIDER's successors and assigns, or from the then owner of the Subdivision, and/or place a lien upon the Subdivision for such cost and expense.

If at anytime prior to the expiration of the time provided by this Agreement the City Engineer of CITY determines that a safety hazard exists within an existing public right-of-way, the City Engineer shall give written notice to SUBDIVIDER to eliminate the safety hazard. If SUBDIVIDER fails to eliminate the safety hazard within five (5) calendar days of the written notice, CITY may, in its sole discretion and in addition to any other remedy provided in this Agreement or by law, eliminate the safety hazard and recover the full cost and expense of such work from SUBDIVIDER, SUBDIVIDER's successors and assigns, or from the then owner of the Subdivision, and/or place a lien upon the Subdivision for such cost and expense.

3. Acquisition and Dedication of Easements or Rights-of-Ways. If any of the Work is to be constructed or installed on land not within the Subdivision or already existing public right-of-way, no construction or installation shall be commenced before:

a. The irrevocable offer of dedication or conveyance to CITY of appropriate right-of-ways, easements or other interest in real property, and appropriate authorization from the property owner to allow construction or installation of the improvements or work; or

b. The issuance of an order of possession by a court of competent jurisdiction pursuant to the State Eminent Domain Law. SUBDIVIDER shall comply in all respects with any such order of possession.

Nothing in this Section 3 shall be construed as authorizing or granting an extension of time to SUBDIVIDER for completion of the Work.

4. Inspection Fees and Costs. The City Engineer shall inspect all of the Work improvements made in the Subdivision to see that they comply with CITY's subdivision regulations and specifications. SUBDIVIDER shall deposit the estimated inspection fee and reimburse CITY for the cost of such inspections in accordance with Roseville Municipal Code section 18.20.070.

5. Securities.

a. SUBDIVIDER shall file with this Agreement two (2) improvement securities as set forth in Roseville Municipal Code Sections 18.20.150 and 18.20.160. Each security shall be in the amount of one hundred percent (100%) of the total estimated cost of the Work as determined by the City Engineer which amount is the sum of \$ 1,754,635.00. One improvement security shall secure faithful performance of this Agreement as required by Section 66499.3(a) of the Government Code of the State of California (the "faithful performance" security). The second improvement security shall, as required by Section 66499.3(b) of the Government Code of the State of California, secure the obligations set forth in Title 15

(commencing with Section 3082) of Part 4 of Division 3 of the Civil Code of the State of California for payment to the contractor, his subcontractors and to persons renting equipment or furnishing labor or materials to them for the Work (the "payment security"). The improvement securities required under this paragraph shall also secure placement of monumentation and guarantee payment therefor as provided by California Government Code section 66496.

b. SUBDIVIDER shall also file with this Agreement a "guarantee and warranty security" in the amount of ten percent (10%) of the City Engineer's estimated cost of the Work as set forth in Section 18.20.170 of the Roseville Municipal Code to guarantee and warrant the Work for a period of one year following its completion and acceptance against any defective work or labor done, or defective materials furnished, as required by Section 66499(a)(5) of the Government Code of the State of California. The guarantee and warranty security shall be released upon SUBDIVIDER's request following expiration of the warranty period and subject to the reasonable determination of the City Engineer that SUBDIVIDER's warranty obligations have been satisfied.

c. Any bonds submitted as security pursuant to this section shall be executed by a surety company authorized to transact a surety business in the State of California. All required securities shall be in a form approved by the City Attorney of CITY.

6. Successors and Assigns – Covenant Running with the Land. This Agreement shall inure to the benefit of, and be binding upon, the successors and assigns of the respective parties. It shall be recorded in the Office of the Recorder of Placer County concurrently with the final map of the Subdivision, and shall constitute a covenant running with the land and an equitable servitude upon the real property within the Subdivision.

7. Acceptance of Improvements Upon Completion. Upon satisfactory completion of the Work, in accordance with this Agreement, CITY agrees to accept the Work and its

improvements and the offers of dedication described in paragraph 1, subject to the provisions of paragraphs 1 and 10 of this Agreement.

8. Notice Regarding Construction. SUBDIVIDER shall notify the City Engineer of CITY in writing three (3) days prior to the commencement of construction of the Work.

9. Subdivider's Obligation to Warn Public During Construction. Until final acceptance of the Work, SUBDIVIDER shall give good and adequate warning to the public of each and every dangerous condition which may exist in the Work, and will take all reasonable actions to protect the public from any such dangerous condition.

10. Warranty.

a. SUBDIVIDER guarantees and warrants the public improvements which constitute the Work required by this Agreement, and agrees to remedy any defects in the improvements or the Work arising from faulty or defective materials or construction of said improvements or the Work occurring within twelve (12) months after their acceptance by CITY. SUBDIVIDER agrees to permit inspection of all improvements in the Subdivision by the City Engineer of CITY for such period, and to reimburse CITY for the cost of such inspections.

b. If, within the warranty period, the Work or improvement or any part of the Work done, furnished, installed, or constructed fails to fulfill any of the requirements of this Agreement or the improvement plans and specifications, SUBDIVIDER shall, without delay or cost to CITY, repair, replace or reconstruct any defective or otherwise unsatisfactory part or parts of the Work. CITY may, at its sole option, perform such repair or replacement itself if SUBDIVIDER has failed to commence such repair within twenty (20) days after CITY has mailed written notice of default to SUBDIVIDER and to SUBDIVIDER'S Surety. In such event, SUBDIVIDER agrees to pay the cost of such repair and replacement by CITY and CITY may, at its option, recover such cost as a lien against the Subdivision should the cost exceed the inspection fee deposited pursuant to paragraph 4 of this Agreement.

Should CITY determine that the public safety requires repairs or replacements to be made before SUBDIVIDER can be notified, CITY may, in its sole discretion, make the necessary repairs or replacement or perform the necessary work. SUBDIVIDER shall pay to CITY the cost of such repairs and CITY may at its option recover such cost as a lien against the Subdivision.

11. Indemnification. To the fullest extent allowed by law, SUBDIVIDER shall defend, indemnify, and save and hold harmless CITY, its officers, agents, employees and volunteers from any claims, suits or actions of every name, kind and description brought forth, or on account of, injuries to or death of any person (including but not limited to workers and the public), or damage to property, resulting from or arising out of SUBDIVIDER 's willful misconduct or negligent act or omission while engaged in the performance of obligations or exercise of rights created by this Agreement, except those matters arising from CITY's sole or active negligence or willful misconduct. The parties intend that this provision shall be broadly construed.

SUBDIVIDER's responsibility for such defense and indemnity obligations shall survive the termination or completion of this Agreement for the full period of time allowed by law. The defense and indemnity obligations of this Agreement are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Agreement.

12. Insurance. SUBDIVIDER agrees to continuously maintain, in full force and effect, at a minimum the following policies of insurance during the term of this Agreement.

COVERAGE

General Liability

Automobile Liability

LIMITS OF LIABILITY

\$2,000,000 per occurrence

\$3,000,000 aggregate

Personal Injury:

\$2,000,000 per occurrence

\$3,000,000 aggregate

\$1,000,000 combined single limit

a. Form. SUBDIVIDER shall submit a certificate evidencing such coverage for the period covered by this Agreement in a form satisfactory to Risk Management and the City Attorney, prior to undertaking any work hereunder. Any insurance written on a claims made basis is subject to the approval of Risk Management and the City Attorney.

b. Additional Insureds. SUBDIVIDER shall also provide a separate endorsement form or section of the policy showing CITY, its officers, agents, employees and volunteers as additional insureds for each type of coverage, except for Workers' Compensation, for ongoing and completed operations. Such insurance shall specifically cover the contractual liability of SUBDIVIDER. The additional insured coverage under the SUBDIVIDER's policy shall be primary and noncontributory, as evidenced by a separate endorsement or section of the policy, and shall not seek contribution from CITY's insurance or self-insurance. In addition, the additional insured coverage shall be at least as broad as the Insurance Services Office ("ISO") CG 20 01 Endorsement. Any available insurance proceeds in excess of the specified minimum insurance coverage requirements and limits shall be available to the additional insureds. Furthermore, the requirements for coverage and limits shall be: (1) the minimum coverage and limits specified in this Agreement; or (2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater.

c. Cancellation/Modification. SUBDIVIDER shall provide ten (10) days written notice to CITY prior to cancellation or modification of any insurance required by this Agreement.

d. Umbrella/Excess Insurance. The limits of insurance required in this Agreement may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply

on a primary and noncontributory basis for the benefit of CITY (if agreed to in a written contract) before CITY's own insurance shall be called upon to protect it as a named insured.

e. Self-Insured Retentions. All self-insured retentions ("SIR") must be disclosed to Risk Management for approval and shall not reduce the limits of liability. Policies containing any SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or CITY. CITY reserves the right to obtain a full certified copy of any insurance policy and endorsements. The failure to exercise this right shall not constitute a waiver of such right.

f. Waiver of Subrogation. SUBDIVIDER hereby agrees to waive subrogation which any insurer of SUBDIVIDER may acquire from SUBDIVIDER by virtue of the payment of any loss under a Workers Compensation, Commercial General Liability or Automobile Liability policy. All Workers Compensation, Commercial General Liability and Automobile Liability policies shall be endorsed with a waiver of subrogation in favor of CITY, its officers, agents, employees and volunteers for all work performed by SUBDIVIDER, its employees, agents and subcontractors.

g. Liability/Remedies. Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve SUBDIVIDER of liability in excess of such coverage, nor shall it preclude CITY from taking such other actions as are available to it under any other provisions of this Agreement or law.

13. Irrevocability of Security. The improvement securities furnished pursuant to paragraph 5 shall be irrevocable, shall not be limited as to time (except as to the one-year guarantee and warranty period specified in paragraph 10) and shall provide that they may be released, in whole or part, only upon the written approval of the City Engineer of CITY.

14. Attorney's Fees; Venue; Governing Law. Any action by any party to this Agreement, or any action concerning a security furnished pursuant to paragraph 5, shall be

brought in the appropriate court of competent jurisdiction within the County of Placer, State of California, notwithstanding any other provision of law which may provide that such action may be brought in some other location. In the event it becomes necessary for either party to bring an action with respect to enforcement of the provisions of this Agreement, or the security therefor, the prevailing party in such action shall be awarded a reasonable attorney's fee, as may be determined by the Court. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

15. Release of Faithful Performance Security. Release of faithful performance security shall be in compliance with and pursuant to the procedures set forth in Government Code Section 66499.7. Upon the completion of all secured Work by SUBDIVIDER and written acceptance of that completed Work by CITY, and the furnishing of the warranty security as required by paragraph 5(b), the City Engineer shall authorize the release of the remaining faithful performance security.

16. Release of Payment Security. Thirty-five (35) days after a notice of completion is recorded with respect to the Work, the City Engineer of CITY may authorize the release of the payment security, in the event that no claims have been filed against said security. In the event that claims or actions are filed against the security, the City Engineer may release so much of such security as is in excess of the total of the claims made against it, plus a reasonable amount of costs and attorney's fees.

17. Automatic Termination Upon Completion and Sale of Residential Unit. This Agreement and any lien pursuant hereto shall automatically be terminated, without any further action by either party or need to record any additional document, with respect to any single-family residential lot within a parcel designated by the Specific Plan for residential use, upon completion of construction and issuance by the City of a final inspection for a dwelling unit upon such residential lot and conveyance of such improved residential lot to a bona-fide good faith

purchaser thereof. In connection with its issuance of a final inspection for such improved lot, City shall confirm that: (i) all improvements which are required to serve the lot, as determined by City, have been accepted by City; (ii) the lot is included within the Maintenance CFD required by Section 3.20 or other financing mechanism acceptable to the City, to the extent required hereby; and (iii) if and to the extent applicable to such lot, an affordable purchase or rental housing agreement has been recorded on the lot. Termination of this Agreement for any such residential lot as provided for in this section shall not in any way be construed to terminate or modify any assessment district or Mello-Roos Community Facilities District lien affecting such lot at the time of termination.

18. Failure of Performance. In addition to any other remedies provided in this Agreement or by law, in the event SUBDIVIDER fails to perform one or more of the covenants or conditions of this Agreement, CITY shall have recourse to the security given to guarantee the performance of such acts. CITY may do, or cause to be done, those acts required of SUBDIVIDER, and shall have recourse against so much of the security as is necessary to discharge the responsibility of SUBDIVIDER. In the event CITY seeks recourse against a security, CITY shall also have recourse against SUBDIVIDER for any and all amounts necessary to complete the obligations of SUBDIVIDER in the event the security is insufficient to pay such amounts. All administrative costs, including reasonable attorney's fees pursuant to Section 66499.4 of the Government Code, incurred by CITY, in addition to the costs of the improvements, shall be a proper charge against the security and SUBDIVIDER.

19. Integration. This Agreement is an integrated agreement. It supersedes all prior negotiations, representations, or agreements, either written or oral.

20. Modification. This Agreement and each provision contained herein may be waived, amended, supplemented or eliminated only by mutual written agreement of the parties.

21. Notices. Any notices sent to the parties relating to this Agreement shall be sent by first class mail, postage prepaid or delivered to the following addresses:

Marc Stout, City Engineer
City of Roseville
311 Vernon Street
Roseville, CA 95678

Steve A. Schnable
John Mourier Construction, Inc.
1430 Blue Oaks Blvd, Suite 190
Roseville, CA 95747

Either party may amend its address by giving written notice to the other.

22. Severability. If any of the provisions contained in this Agreement are for any reason held invalid or unenforceable, such holding shall not affect the remaining provisions or the validity and enforceability of the Agreement as a whole.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attestation by its City Clerk under authority of Resolution No. ____, adopted by the Council of the City of Roseville on the ____ day of ____, 20__, and SUBDIVIDER has caused this Agreement to be executed.

CITY OF ROSEVILLE, a
municipal corporation,

John Mourier Construction, Inc.,
a California corporation

BY: _____
DOMINICK CASEY
City Manager

BY:  _____
its:  _____

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Placer)

On March 3, 2020 before me, Karen Headley, a notary public
(insert name and title of the officer)

personally appeared Rod Yamanaka,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

WITNESS my hand and official seal.

Signature



(Seal)



ATTEST:

and

BY: _____

BY: _____

SONIA OROZCO
City Clerk

its: _____

(NOTARIZATION REQUIRED)

APPROVED AS TO FORM:

BY: _____

ROBERT R. SCHMITT
City Attorney

APPROVED AS TO SUFFICIENCY:

BY: _____


MARC STOUT
City Engineer

OWNER'S STATEMENT:

THE UNDERSIGNED HEREBY STATE THAT THEY ARE THE ONLY PERSONS HAVING ANY RECORD TITLE INTERESTS IN THE REAL PROPERTY INCLUDED WITHIN THIS PLAT OF "SIERRA VISTA VILLAGE JM-03B-PHASE 2" SHOWN UPON THIS MAP AND THEY HEREBY CONSENT TO THE PREPARATION AND RECORDING OF THIS MAP AND OFFER FOR DEDICATION AND DO HEREBY DEDICATE FOR SPECIFIC PURPOSES THE FOLLOWING:

*THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS AN EASEMENT FOR PUBLIC PURPOSES:

- (A) PUBLIC EASEMENTS FOR INSTALLATION AND MAINTENANCE OF BUT NOT LIMITED TO WATER, GAS AND SEWER PIPES, AND FOR POLES AND OVERHEAD AND UNDERGROUND WIRES AND CONDUITS FOR ELECTRIC, TELEVISION AND TELEPHONE SERVICES TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER, UNDER AND ACROSS LOT 'A' AND LOT 'B' AND THE 12.5 FEET LYING CONTIGUOUS TO LOT 'A' SHOWN HEREON AND DESIGNATED "P.U.E." (PUBLIC UTILITY EASEMENT).
- (B) PUBLIC EASEMENTS FOR INSTALLATION AND MAINTENANCE OF BUT NOT LIMITED TO WATER, GAS AND SEWER PIPES, AND FOR POLES AND OVERHEAD AND UNDERGROUND WIRES AND CONDUITS FOR ELECTRIC, TELEVISION AND TELEPHONE SERVICES TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER, UNDER AND ACROSS THOSE STRIPS OF LAND WITHIN LOT 8 SHOWN HEREON AND DESIGNATED "P.U.E." (PUBLIC UTILITY EASEMENT).
- (C) PUBLIC EASEMENTS FOR THE INGRESS AND EGRESS OF EMERGENCY VEHICLES TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER AND ACROSS LOT 'A' SHOWN HEREON AND DESIGNATED 'E.V.A.' (EMERGENCY VEHICLE ACCESS EASEMENT).

THE REAL PROPERTY DESCRIBED BELOW IS IRREVOCABLY OFFERED FOR DEDICATION IN FEE FOR PUBLIC PURPOSES:

- (A) LOT 'B' SHOWN HEREON FOR OPEN SPACE.

JOHN MOURIER CONSTRUCTION, INC., A CALIFORNIA CORPORATION

BY: _____
PRINT NAME: _____
TITLE: _____

BY: _____
PRINT NAME: _____
TITLE: _____

NOTARY ACKNOWLEDGEMENT:

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT

STATE OF CALIFORNIA)
SS
COUNTY OF PLACER)

ON _____, 2020, BEFORE ME _____, A NOTARY PUBLIC PERSONALLY APPEARED _____ WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S) OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND AND OFFICIAL SEAL:

SIGNATURE _____ PRINTED NAME _____

MY COMMISSION NO. IS _____

MY PRINCIPAL PLACE OF BUSINESS IS IN _____ COUNTY

MY COMMISSION EXPIRES _____

PLAT OF
SIERRA VISTA VILLAGE JM-03B-PHASE 2
SUBDIVISION NO.: 2012PL-038
ALL OF LOT 20 AS SHOWN ON THE LARGE LOT SUBDIVISION MAP OF "THE VILLAGES AT SIERRA VISTA" FILED IN BOOK DD OF MAPS, AT PAGE 26.
LOCATED IN SECTION 36, T. 11 N., R. 5 E., M.D.M.
CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA
MARCH, 2020
BAKER WILLIAMS ENGINEERING GROUP
SHEET 1 OF 4

CITY ENGINEER'S STATEMENT:

I HEREBY STATE THAT I HAVE EXAMINED THIS PLAT OF "SIERRA VISTA VILLAGE JM-03B -PHASE 2" AND FIND IT TO BE SUBSTANTIALLY THE SAME AS THE TENTATIVE MAP ON FILE AND ANY APPROVED ALTERATIONS THEREOF, THAT ALL PROVISIONS OF THE SUBDIVISION MAP ACT AND ALL APPLICABLE CITY ORDINANCES HAVE BEEN COMPLIED WITH.

DATED _____

MARC STOUT R.C.E. 69879
CITY ENGINEER, CITY OF ROSEVILLE
EXPIRATION DATE 09/30/2020

I HEREBY STATE THAT I AM SATISFIED THAT THIS PLAT OF "SIERRA VISTA VILLAGE JM-03B-PHASE 2" IS TECHNICALLY CORRECT.

FOR MARC STOUT, CITY ENGINEER, CITY OF ROSEVILLE

DATED _____

TIMOTHY G. BLAIR
P.L.S. 8278 EXPIRATION DATE 12/31/2021



CITY CLERK'S STATEMENT:

I HEREBY STATE THAT THE CITY COUNCIL OF THE CITY OF ROSEVILLE HAS APPROVED THIS PLAT OF "SIERRA VISTA VILLAGE JM-03B-PHASE 2" AND HAS ACCEPTED ON BEHALF OF THE PUBLIC, SUBJECT TO IMPROVEMENT, THE EASEMENTS HEREON OFFERED FOR DEDICATION, BUT HAS REJECTED AT THIS TIME ON BEHALF OF THE PUBLIC, BUT RESERVES THE RIGHT TO ACCEPT AT A LATER DATE THE IRREVOCABLE OFFER OF LOT B.

DATED _____

CITY CLERK, CITY OF ROSEVILLE

BY: _____
ASSISTANT CITY CLERK

SURVEYOR'S STATEMENT:

THIS MAP OF "SIERRA VISTA VILLAGE JM-03B-PHASE 2" WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCE AT THE REQUEST OF MOURIER LAND INVESTMENT CORP., IN FEBRUARY, 2016. I HEREBY STATE THAT ALL THE MONUMENTS ARE OF THE CHARACTER AND OCCUPY THE POSITIONS INDICATED OR THAT THEY WILL BE SET IN THOSE POSITIONS ON OR BEFORE DECEMBER 31, 2021, THAT THE MONUMENTS WILL BE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED AND THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO THE CONDITIONALLY APPROVED TENTATIVE MAP.

DATE _____

JOHN KARL JEFFRIES L.S. 7820
EXPIRES 12/31/2021



RECORDER'S STATEMENT:

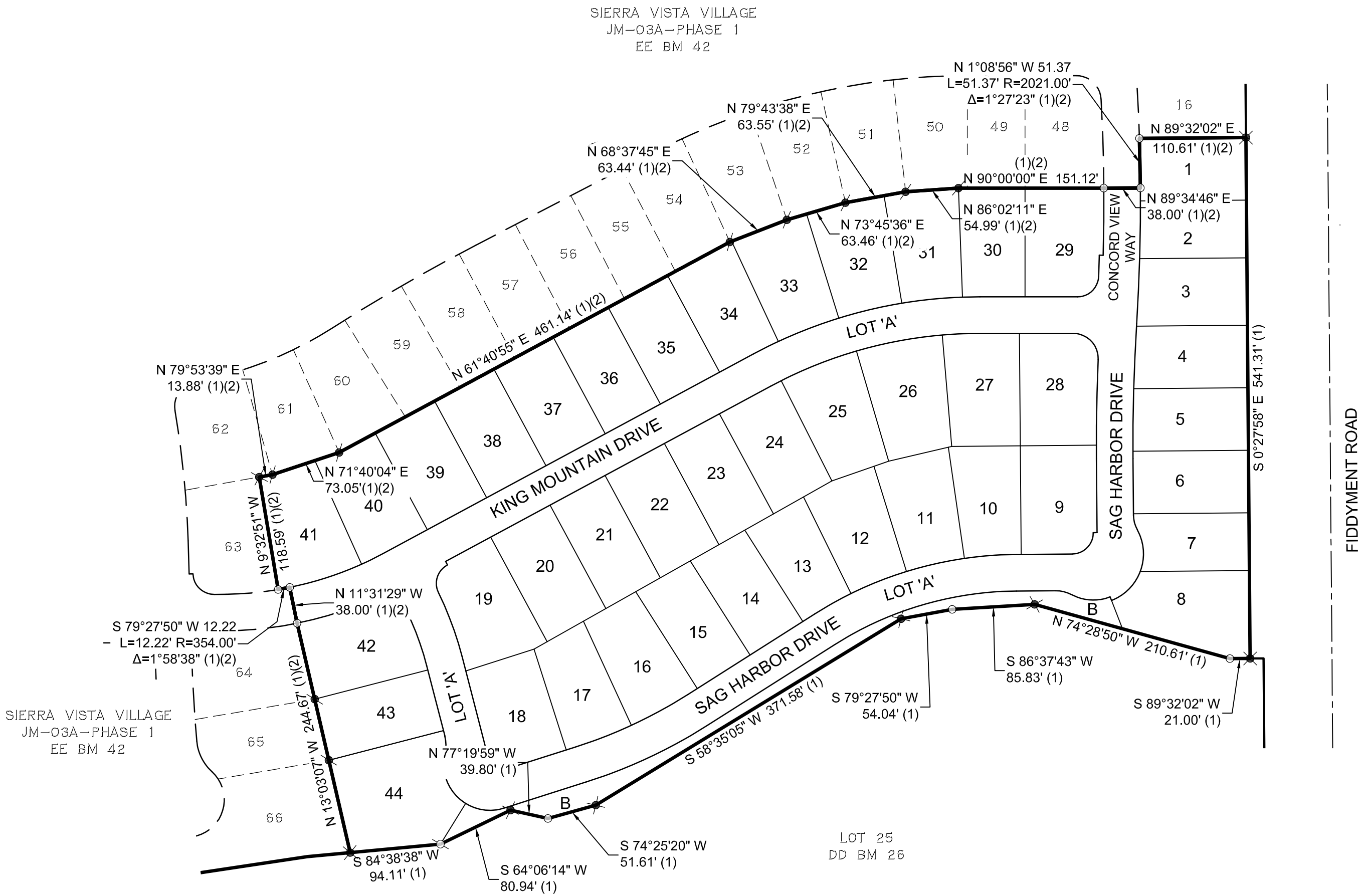
ACCEPTED FOR RECORD AND FILED IN THE OFFICE OF THE RECORDER OF PLACER COUNTY, STATE OF CALIFORNIA, AT THE REQUEST OF OLD REPUBLIC TITLE COMPANY, AT _____ MINUTES AFTER _____ O'CLOCK _____ M. ON THE _____ DAY OF _____, 2020 AND RECORDED IN BOOK _____ OF MAPS, AT PAGE _____.

DOCUMENT NO. _____

COUNTY RECORDER OF PLACER COUNTY

FEE _____

BY: _____
DEPUTY



- NOTES:**
1. THIS SUBDIVISION CONTAINS 10.632 ACRES MORE OR LESS, AND CONSISTS OF 44 SINGLE FAMILY LOTS NUMBERED 1-44, 1 PRIVATE STREET LOT LETTERED LOT 'A' AND 1 OPEN SPACE LOT LETTERED LOT 'B'.
 2. ALL BEARINGS ALONG CURVED LINES ARE CHORD MEASUREMENTS.
 3. ALL DISTANCES SHOWN HEREON ARE EXPRESSED IN FEET AND DECIMALS THEREOF.
 4. A PRELIMINARY SOILS REPORT WAS PREPARED BY YOUNGDAHL CONSULTING GROUP, PROJECT NO. E133171.000 DATED SEPTEMBER 10, 2013. A COPY OF THIS REPORT IS AVAILABLE FOR PUBLIC INSPECTION AT THE CITY OF ROSEVILLE ENGINEERING DEPARTMENT (FILE NUMBER 308-810).
 5. 5/8" REBAR CAPPED "LS 7820" WILL BE SET AT ALL REAR LOT CORNERS AND AT ALL ANGLE POINTS IN THE PROPERTY LINE. IN THE EVENT OF A CONFLICT WITH A RETAINING OR SOUNDWALL, A 3.00 FOOT WITNESS CORNER SHALL BE SET ON LINE. ALL FRONT LOT CORNERS SHALL BE MARKED WITH A 1" BRASS DISC STAMPED "LS 7820" AT A 1.0 FOOT PROJECTION OF THE PROPERTY LINE INTO THE SIDEWALK.
 6. LOT 'A' IS A PRIVATE STREET FOR THE MUTUAL BENEFIT OF THOSE LOTS SHOWN HEREON AND NUMBERED 1-44 INCLUSIVE AND THOSE LOTS SHOWN ON "SIERRA VISTA VILLAGE JM-03A-PHASE 1 FILED IN BOOK EE , AT PAGE 42
 7. STREET OWNERSHIP AND MAINTENANCE INCLUDING STREET LIGHTS, LOT DRAINAGE SYSTEMS AND SURFACE DRAINAGE SYSTEMS ARE PRIVATE AND THE RESPONSIBILITY OF THE HOMEOWNER'S ASSOCIATION.
 8. COVENANTS, CONDITIONS AND RESTRICTIONS (C.C.& R.'S) FILED AS INSTRUMENT NO. 2020-_____, OFFICIAL RECORDS OF PLACER COUNTY, AFFECT THESE LOTS.



- LEGEND:**
- P.U.E. PUBLIC UTILITY EASEMENT
 - E.V.A. EMERGENCY VEHICLE ACCESS EASEMENT
 - (R) RADIAL LINE
 - DIMENSION POINT, NOTHING FOUND OR SET
 - ⊗ SET 3/4" REBAR WITH CAP STAMPED "LS 7820"
 - ⊙ SET BRASS MONUMENT IN STANDARD CITY OF ROSEVILLE MONUMENT WELL STAMPED L.S. 7820
 - ⊗ FND 3/4" IRON PIPE TAGGED "LS 7820" PER DD BM 26
 - ⊙ FND BRASS MONUMENT IN STANDARD CITY OF ROSEVILLE MONUMENT WELL STAMPED "LS 7820" PER EE BM 42
 - ⊗ FOUND 5/8" REBAR WITH CAP STAMPED "LS 7820" PER EE BM 42
 - (1) DD BM 26
 - (2) EE BM 42

BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS SURVEY IS IDENTICAL TO THE CENTERLINE OF KING MOUNTAIN DRIVE, BEING N 89°16'45" E AND ESTABLISHED BY MONUMENTS FOUND AS SHOWN HEREON PER EE BM 42

PLAT OF
SIERRA VISTA VILLAGE JM-03B-PHASE 2
SUBDIVISION NO.: 2012PL-038
ALL OF LOT 20 AS SHOWN ON THE LARGE LOT SUBDIVISION MAP OF "THE VILLAGES AT SIERRA VISTA" FILED IN BOOK DD OF MAPS, AT PAGE 26.
LOCATED IN SECTION 36, T. 11 N., R. 5 E., M.D.M.
CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA
MARCH, 2020
BAKER WILLIAMS ENGINEERING GROUP
SCALE: 1" = 100'

PLAT OF
SIERRA VISTA VILLAGE JM-03B-PHASE 2

SUBDIVISION NO.: 2012PL-038

ALL OF LOT 20 AS SHOWN ON THE LARGE LOT SUBDIVISION MAP OF "THE VILLAGES AT SIERRA VISTA" FILED IN BOOK DD OF MAPS, AT PAGE 26.

LOCATED IN SECTION 36, T. 11 N., R. 5 E., M.D.M.

CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA

MARCH, 2020

SCALE: 1" = 40'

BAKER WILLIAMS ENGINEERING GROUP

SHEET 3 OF 4



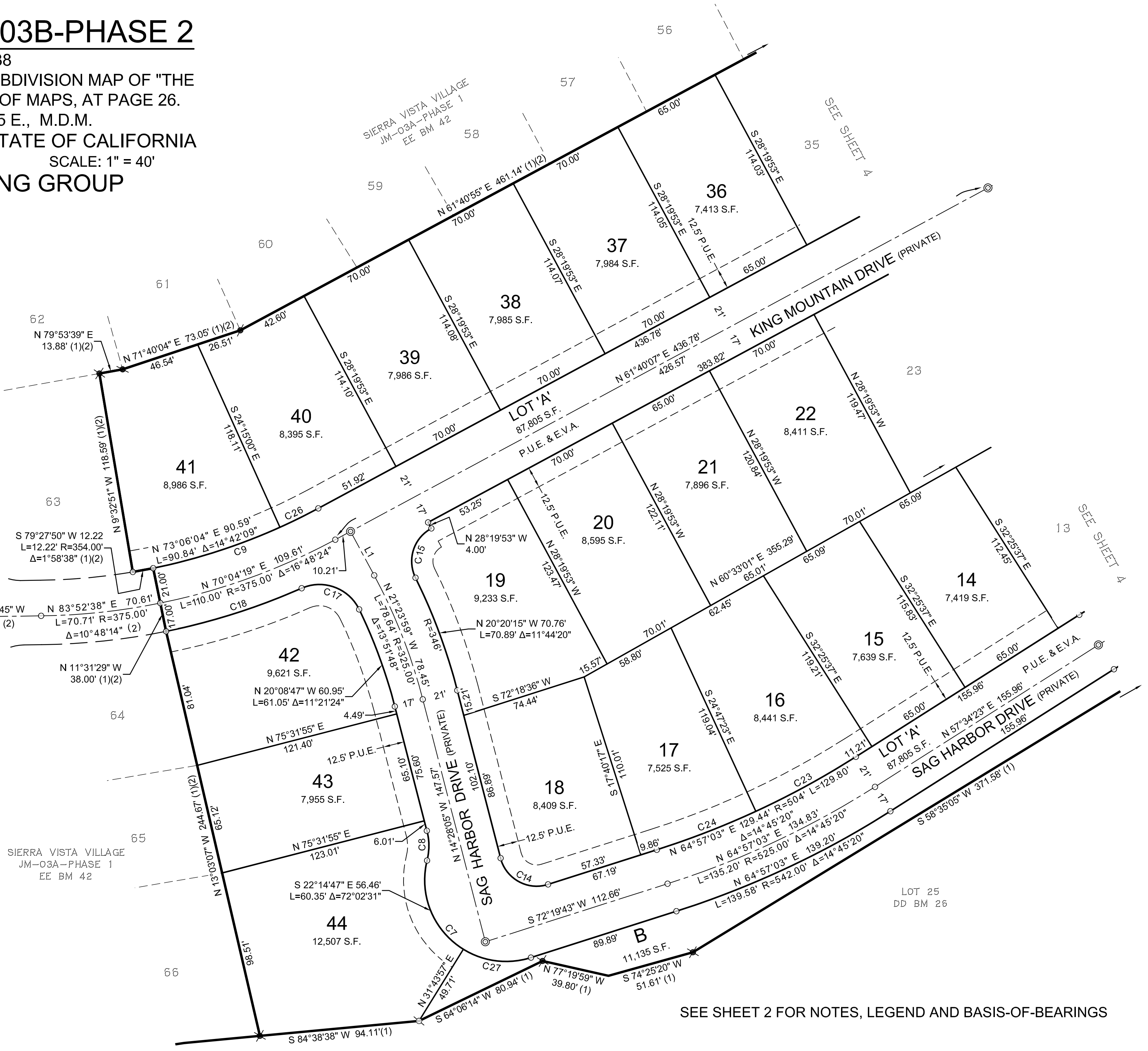
LINE TABLE

LINE #	LENGTH	DIRECTION
L1	29.36'	N 28° 19' 53" W

UPLAND DRIVE
BASIS OF BEARINGS
N 89°16'45" E 186.81' (2)
KING MOUNTAIN DRIVE
YORKTOWN COURT
YORKTOWN DRIVE

CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C7	101.74'	48.00'	121°26'45"	S 46°56'55" E	83.74'
C8	17.75'	36.00'	28°14'33"	N 0°20'48" W	17.57'
C9	103.84'	354.00'	16°48'24"	N 70°04'19" E	103.47'
C14	35.79'	22.00'	93°12'12"	S 61°04'11" E	31.97'
C15	33.74'	22.00'	87°52'32"	S 17°43'51" W	30.53'
C17	39.92'	26.00'	87°58'15"	N 69°48'37" W	36.11'
C18	83.95'	392.00'	12°16'15"	N 72°20'23" E	83.79'
C23	67.18'	504.00'	7°38'14"	N 61°23'30" E	67.13'
C24	62.62'	504.00'	7°07'06"	N 68°46'10" E	62.58'
C25	12.21'	458.00'	1°31'37"	S 62°25'56" W	12.21'
C26	25.22'	354.00'	4°04'53"	N 63°42'33" E	25.21'
C27	41.39'	48.00'	49°24'15"	S 82°58'10" E	40.12'



SEE SHEET 2 FOR NOTES, LEGEND AND BASIS-OF-BEARINGS

JOB NO. 17-05-018

PLAT OF
SIERRA VISTA VILLAGE JM-03B-PHASE 2

SUBDIVISION NO.: 2012PL-038

ALL OF LOT 20 AS SHOWN ON THE LARGE LOT SUBDIVISION MAP OF "THE VILLAGES AT SIERRA VISTA" FILED IN BOOK DD OF MAPS, AT PAGE 26.

LOCATED IN SECTION 36, T. 11 N., R. 5 E., M.D.M.

CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA

MARCH, 2020

SCALE: 1" = 40'

BAKER WILLIAMS ENGINEERING GROUP

SHEET 4 OF 4



SIERRA VISTA VILLAGE
JM-03A-PHASE 1
EE BM 42

SIERRA VISTA VILLAGE
JM-03A-PHASE 1
EE BM 42



CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C1	141.33'	2,021.00'	4°00'24"	N 1°34'58" E	141.30'
C2	139.97'	1,979.00'	4°03'08"	S 1°33'36" W	139.94'
C3	15.77'	32.00'	28°14'33"	S 14°35'15" E	15.61'
C4	88.44'	52.00'	97°26'29"	N 20°00'43" E	78.16'
C5	41.09'	48.00'	49°02'37"	S 86°44'44" E	39.84'
C6	17.75'	36.00'	28°14'33"	N 76°20'42" W	17.57'
C10	33.70'	22.00'	87°45'50"	N 46°07'05" E	30.50'
C11	41.96'	26.00'	92°27'51"	N 43°46'05" W	37.55'
C12	103.16'	2,017.00'	2°55'49"	S 0°59'56" W	103.15'
C13	34.56'	22.00'	90°00'00"	N 44°32'02" E	31.11'
C19	53.91'	396.00'	7°48'00"	S 85°38'01" W	53.87'
C20	61.82'	396.00'	8°56'40"	S 77°15'41" W	61.76'
C21	62.06'	396.00'	8°58'43"	S 68°17'59" W	61.99'
C22	43.11'	396.00'	6°14'15"	S 60°41'30" W	43.09'
C23	67.18'	504.00'	7°38'14"	N 61°23'30" E	67.13'
C24	62.62'	504.00'	7°07'06"	N 68°46'10" E	62.58'
C25	12.21'	458.00'	1°31'37"	S 62°25'56" W	12.21'
C26	25.22'	354.00'	4°04'53"	N 63°42'33" E	25.21'
C27	41.39'	48.00'	49°24'15"	S 82°58'10" E	40.12'
C28	51.37'	2,021.00'	1°27'23"	N 1°08'56" W	51.37'
C29	22.14'	1,979.00'	0°38'28"	N 1°54'56" E	22.14'

LINE TABLE

L2	4.00'	S 88° 19' 58" E
----	-------	-----------------

SEE SHEET 2 FOR NOTES, LEGEND AND BASIS-OF-BEARINGS

FIDDYMONT ROAD

JOB NO. 17-05-018



COUNCIL COMMUNICATION

CC #: 0692

File #: 0400-04-12-1

Title: Sierra Vista Village JM-20B - Phase 2 Final Map and Subdivision Agreement

Contact: Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

Meeting Date: 4/15/2020

Item #: 6.10.

RECOMMENDATION TO COUNCIL

It is recommended that the City Council take the following actions:

1. Approve the final map on file with the City Clerk and accept on behalf of the public, subject to improvement, the rights of way and the easements offered thereon, and approve the abandonment of the right of way listed thereon; and,
2. Adopt the attached resolution approving the Subdivision Agreement and authorize the City Manager to execute the agreement on behalf of the City.

BACKGROUND

The Development Services, Engineering section, has reviewed the subject final map and found that it is in compliance with the Subdivision Map Act and the City's Subdivision Ordinance and all conditions of the tentative map have been met. This map will create 75 residential lots and 1 large lot for future development.

FISCAL IMPACT

There is no fiscal impact to the City's General Fund associated with this approval.

ENVIRONMENTAL REVIEW

Approval of the Sierra Vista Village JM-20B - Phase 1 final map is an action that is subject to California Environmental Quality Act (CEQA). Project level CEQA compliance for the Sierra Vista Village JM-20B - Phase 2 final map was accomplished with preparation of the Sierra Vista Specific Plan EIR (Adopted: May 5, 2010) (SCH#2008032017) and the Mitigated Negative Declaration (MND) and associated Mitigation Monitoring Program approved by the City of Roseville on June 6, 2012. Because the Sierra Vista Village JM-20B - Phase 2 final map is consistent with project evaluated in the Sierra Vista Specific Plan Environmental Impact

Report (EIR), no new effects would be expected to occur and all applicable mitigation measures from the Sierra Vista Specific Plan EIR will be implemented. As such, no additional CEQA action is required at this time.

Respectfully Submitted,

Kerry Andrews, Assistant Engineer

Mike Isom, Development Services Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 20-101

Subdivision Agreement

Final Map

RESOLUTION NO. 20-101

APPROVING A SUBDIVISION AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND JOHN MOURIER CONSTRUCTION, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, a subdivision agreement, by and between the City of Roseville and John Mourier Construction, Inc., for the Sierra Vista Village JM-20B – Phase 2 subdivision, has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said agreement is approved and that the City Manager is authorized to execute it on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

**RECORDING REQUESTED BY AND WHEN
RECORDED, PLEASE RETURN TO:**

**City Clerk
CITY OF ROSEVILLE
311 Vernon Street
Roseville, CA 95678**

SUBDIVISION AGREEMENT

Sierra Vista Village JM-20B - Phase 2 SUBDIVISION

THIS AGREEMENT, made and entered into this ____ day of _____,
20__, by and between the CITY OF ROSEVILLE, a municipal corporation ("CITY"), and

John Mourier Construction, Inc.,
a _____ California corporation _____, ("SUBDIVIDER"),

W I T N E S S E T H:

WHEREAS, SUBDIVIDER is possessed of a tract of land lying in the City of Roseville,
County of Placer, known as "Sierra Vista Village JM-20B - Phase 2 Subdivision" (Subdivision
no. 2012PL-038; "the Subdivision"); and

WHEREAS, a tentative map of the Subdivision was approved by the City Planning
Commission on the 12th day of December, 2013, and the final map of the Subdivision
has been approved subject to the execution of this Agreement; and

WHEREAS, the final map has been filed on the ____ day of _____, 20__ in
Book _____ of Parcel/Subdivision Maps at Page _____ in the Official Records, Placer
County Recorder, file no. _____; and

WHEREAS, Section 18.20.110 of the Roseville Municipal Code, regulating the subdivision of land in the City, requires that SUBDIVIDER shall execute and file an agreement between itself and CITY relating to the improvements to be made in a subdivision, prior to the approval by the City Council of the final map.

NOW, THEREFORE, the parties agree as follows:

1. Rights-of-Way. Except as otherwise provided by this Agreement, CITY rejects all lands, right-of-ways, and easements offered for dedication on the final map of the Subdivision. All such offers shall, however, remain open, and shall constitute irrevocable offers of dedication in accordance with Government Code Section 66477.2. All such offers may be accepted by CITY in its sole discretion at any later date without further notice to SUBDIVIDER as provided by law.

By way of explanation only, it is the current intention of CITY to accept all or part of such irrevocable offers to dedicate upon acceptance of the improvements called for in this Agreement.

2. Improvements - Time Limit. SUBDIVIDER agrees to cause all improvements to be made and constructed in the Subdivision to fully comply with the requirements of the Roseville Municipal Code and the Subdivision Map Act of the State of California according to the improvement plans for the Subdivision prepared by Baker Williams Engineering Group, dated July 18, 2019 and approved by the City Engineer and including any changes or alterations to such improvements required by the City Engineer, and to install, on or before December 31, 2021, such survey monuments as may be required by the City Engineer ("the Work"). SUBDIVIDER agrees to pay for any materials, provisions or other supplies used in, upon, for or about the performance of the Work, or for any work or labor of any kind done in

connection with the Work, or for any amounts due under the Unemployment Insurance Act with respect to such work or labor.

SUBDIVIDER agrees to complete all of the Work on or before twenty-four (24) months from the date of this Agreement. If in the opinion of the City Engineer of CITY, an extension of this Agreement is not detrimental to the public welfare, he or she is, in his or her sole discretion, hereby authorized to extend the time within which the Work shall be completed for a period not to exceed twelve (12) months. Upon a written application made by SUBDIVIDER, further extensions, not to exceed an additional six (6) months, shall be reviewed and approved at the discretion of the City Engineer of CITY. Any such application extension request by SUBDIVIDER shall fully state the grounds and facts relied upon for the granting of additional extensions.

In the event that SUBDIVIDER shall fail to complete the Work within the time provided by this Agreement, CITY may, in its sole discretion and in addition to any other remedy provided in this Agreement or by law, enter upon the Subdivision and complete the Work and recover the full cost and expense of such construction from SUBDIVIDER, SUBDIVIDER's successors and assigns, or from the then owner of the Subdivision, and/or place a lien upon the Subdivision for such cost and expense.

If at anytime prior to the expiration of the time provided by this Agreement the City Engineer of CITY determines that a safety hazard exists within an existing public right-of-way, the City Engineer shall give written notice to SUBDIVIDER to eliminate the safety hazard. If SUBDIVIDER fails to eliminate the safety hazard within five (5) calendar days of the written notice, CITY may, in its sole discretion and in addition to any other remedy provided in this Agreement or by law, eliminate the safety hazard and recover the full cost and expense of such work from SUBDIVIDER, SUBDIVIDER's successors and assigns, or from the then owner of the Subdivision, and/or place a lien upon the Subdivision for such cost and expense.

3. Acquisition and Dedication of Easements or Rights-of-Ways. If any of the Work is to be constructed or installed on land not within the Subdivision or already existing public right-of-way, no construction or installation shall be commenced before:

a. The irrevocable offer of dedication or conveyance to CITY of appropriate right-of-ways, easements or other interest in real property, and appropriate authorization from the property owner to allow construction or installation of the improvements or work; or

b. The issuance of an order of possession by a court of competent jurisdiction pursuant to the State Eminent Domain Law. SUBDIVIDER shall comply in all respects with any such order of possession.

Nothing in this Section 3 shall be construed as authorizing or granting an extension of time to SUBDIVIDER for completion of the Work.

4. Inspection Fees and Costs. The City Engineer shall inspect all of the Work improvements made in the Subdivision to see that they comply with CITY's subdivision regulations and specifications. SUBDIVIDER shall deposit the estimated inspection fee and reimburse CITY for the cost of such inspections in accordance with Roseville Municipal Code section 18.20.070.

5. Securities.

a. SUBDIVIDER shall file with this Agreement two (2) improvement securities as set forth in Roseville Municipal Code Sections 18.20.150 and 18.20.160. Each security shall be in the amount of one hundred percent (100%) of the total estimated cost of the Work as determined by the City Engineer which amount is the sum of \$ \$2,617,045.00. One improvement security shall secure faithful performance of this Agreement as required by Section 66499.3(a) of the Government Code of the State of California (the "faithful performance" security). The second improvement security shall, as required by Section 66499.3(b) of the Government Code of the State of California, secure the obligations set forth in Title 15

(commencing with Section 3082) of Part 4 of Division 3 of the Civil Code of the State of California for payment to the contractor, his subcontractors and to persons renting equipment or furnishing labor or materials to them for the Work (the "payment security"). The improvement securities required under this paragraph shall also secure placement of monumentation and guarantee payment therefor as provided by California Government Code section 66496.

b. SUBDIVIDER shall also file with this Agreement a "guarantee and warranty security" in the amount of ten percent (10%) of the City Engineer's estimated cost of the Work as set forth in Section 18.20.170 of the Roseville Municipal Code to guarantee and warrant the Work for a period of one year following its completion and acceptance against any defective work or labor done, or defective materials furnished, as required by Section 66499(a)(5) of the Government Code of the State of California. The guarantee and warranty security shall be released upon SUBDIVIDER's request following expiration of the warranty period and subject to the reasonable determination of the City Engineer that SUBDIVIDER's warranty obligations have been satisfied.

c. Any bonds submitted as security pursuant to this section shall be executed by a surety company authorized to transact a surety business in the State of California. All required securities shall be in a form approved by the City Attorney of CITY.

6. Successors and Assigns – Covenant Running with the Land. This Agreement shall inure to the benefit of, and be binding upon, the successors and assigns of the respective parties. It shall be recorded in the Office of the Recorder of Placer County concurrently with the final map of the Subdivision, and shall constitute a covenant running with the land and an equitable servitude upon the real property within the Subdivision.

7. Acceptance of Improvements Upon Completion. Upon satisfactory completion of the Work, in accordance with this Agreement, CITY agrees to accept the Work and its

improvements and the offers of dedication described in paragraph 1, subject to the provisions of paragraphs 1 and 10 of this Agreement.

8. Notice Regarding Construction. SUBDIVIDER shall notify the City Engineer of CITY in writing three (3) days prior to the commencement of construction of the Work.

9. Subdivider's Obligation to Warn Public During Construction. Until final acceptance of the Work, SUBDIVIDER shall give good and adequate warning to the public of each and every dangerous condition which may exist in the Work, and will take all reasonable actions to protect the public from any such dangerous condition.

10. Warranty.

a. SUBDIVIDER guarantees and warrants the public improvements which constitute the Work required by this Agreement, and agrees to remedy any defects in the improvements or the Work arising from faulty or defective materials or construction of said improvements or the Work occurring within twelve (12) months after their acceptance by CITY. SUBDIVIDER agrees to permit inspection of all improvements in the Subdivision by the City Engineer of CITY for such period, and to reimburse CITY for the cost of such inspections.

b. If, within the warranty period, the Work or improvement or any part of the Work done, furnished, installed, or constructed fails to fulfill any of the requirements of this Agreement or the improvement plans and specifications, SUBDIVIDER shall, without delay or cost to CITY, repair, replace or reconstruct any defective or otherwise unsatisfactory part or parts of the Work. CITY may, at its sole option, perform such repair or replacement itself if SUBDIVIDER has failed to commence such repair within twenty (20) days after CITY has mailed written notice of default to SUBDIVIDER and to SUBDIVIDER'S Surety. In such event, SUBDIVIDER agrees to pay the cost of such repair and replacement by CITY and CITY may, at its option, recover such cost as a lien against the Subdivision should the cost exceed the inspection fee deposited pursuant to paragraph 4 of this Agreement.

Should CITY determine that the public safety requires repairs or replacements to be made before SUBDIVIDER can be notified, CITY may, in its sole discretion, make the necessary repairs or replacement or perform the necessary work. SUBDIVIDER shall pay to CITY the cost of such repairs and CITY may at its option recover such cost as a lien against the Subdivision.

11. Indemnification. To the fullest extent allowed by law, SUBDIVIDER shall defend, indemnify, and save and hold harmless CITY, its officers, agents, employees and volunteers from any claims, suits or actions of every name, kind and description brought forth, or on account of, injuries to or death of any person (including but not limited to workers and the public), or damage to property, resulting from or arising out of SUBDIVIDER 's willful misconduct or negligent act or omission while engaged in the performance of obligations or exercise of rights created by this Agreement, except those matters arising from CITY's sole or active negligence or willful misconduct. The parties intend that this provision shall be broadly construed.

SUBDIVIDER's responsibility for such defense and indemnity obligations shall survive the termination or completion of this Agreement for the full period of time allowed by law. The defense and indemnity obligations of this Agreement are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Agreement.

12. Insurance. SUBDIVIDER agrees to continuously maintain, in full force and effect, at a minimum the following policies of insurance during the term of this Agreement.

COVERAGE

LIMITS OF LIABILITY

General Liability

\$2,000,000 per occurrence

\$3,000,000 aggregate

Personal Injury:

\$2,000,000 per occurrence

\$3,000,000 aggregate

Automobile Liability

\$1,000,000 combined single limit

a. Form. SUBDIVIDER shall submit a certificate evidencing such coverage for the period covered by this Agreement in a form satisfactory to Risk Management and the City Attorney, prior to undertaking any work hereunder. Any insurance written on a claims made basis is subject to the approval of Risk Management and the City Attorney.

b. Additional Insureds. SUBDIVIDER shall also provide a separate endorsement form or section of the policy showing CITY, its officers, agents, employees and volunteers as additional insureds for each type of coverage, except for Workers' Compensation, for ongoing and completed operations. Such insurance shall specifically cover the contractual liability of SUBDIVIDER. The additional insured coverage under the SUBDIVIDER's policy shall be primary and noncontributory, as evidenced by a separate endorsement or section of the policy, and shall not seek contribution from CITY's insurance or self-insurance. In addition, the additional insured coverage shall be at least as broad as the Insurance Services Office ("ISO") CG 20 01 Endorsement. Any available insurance proceeds in excess of the specified minimum insurance coverage requirements and limits shall be available to the additional insureds. Furthermore, the requirements for coverage and limits shall be: (1) the minimum coverage and limits specified in this Agreement; or (2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater.

c. Cancellation/Modification. SUBDIVIDER shall provide ten (10) days written notice to CITY prior to cancellation or modification of any insurance required by this Agreement.

d. Umbrella/Excess Insurance. The limits of insurance required in this Agreement may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply

on a primary and noncontributory basis for the benefit of CITY (if agreed to in a written contract) before CITY's own insurance shall be called upon to protect it as a named insured.

e. Self-Insured Retentions. All self-insured retentions ("SIR") must be disclosed to Risk Management for approval and shall not reduce the limits of liability. Policies containing any SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or CITY. CITY reserves the right to obtain a full certified copy of any insurance policy and endorsements. The failure to exercise this right shall not constitute a waiver of such right.

f. Waiver of Subrogation. SUBDIVIDER hereby agrees to waive subrogation which any insurer of SUBDIVIDER may acquire from SUBDIVIDER by virtue of the payment of any loss under a Workers Compensation, Commercial General Liability or Automobile Liability policy. All Workers Compensation, Commercial General Liability and Automobile Liability policies shall be endorsed with a waiver of subrogation in favor of CITY, its officers, agents, employees and volunteers for all work performed by SUBDIVIDER, its employees, agents and subcontractors.

g. Liability/Remedies. Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve SUBDIVIDER of liability in excess of such coverage, nor shall it preclude CITY from taking such other actions as are available to it under any other provisions of this Agreement or law.

13. Irrevocability of Security. The improvement securities furnished pursuant to paragraph 5 shall be irrevocable, shall not be limited as to time (except as to the one-year guarantee and warranty period specified in paragraph 10) and shall provide that they may be released, in whole or part, only upon the written approval of the City Engineer of CITY.

14. Attorney's Fees; Venue; Governing Law. Any action by any party to this Agreement, or any action concerning a security furnished pursuant to paragraph 5, shall be

brought in the appropriate court of competent jurisdiction within the County of Placer, State of California, notwithstanding any other provision of law which may provide that such action may be brought in some other location. In the event it becomes necessary for either party to bring an action with respect to enforcement of the provisions of this Agreement, or the security therefor, the prevailing party in such action shall be awarded a reasonable attorney's fee, as may be determined by the Court. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

15. Release of Faithful Performance Security. Release of faithful performance security shall be in compliance with and pursuant to the procedures set forth in Government Code Section 66499.7. Upon the completion of all secured Work by SUBDIVIDER and written acceptance of that completed Work by CITY, and the furnishing of the warranty security as required by paragraph 5(b), the City Engineer shall authorize the release of the remaining faithful performance security.

16. Release of Payment Security. Thirty-five (35) days after a notice of completion is recorded with respect to the Work, the City Engineer of CITY may authorize the release of the payment security, in the event that no claims have been filed against said security. In the event that claims or actions are filed against the security, the City Engineer may release so much of such security as is in excess of the total of the claims made against it, plus a reasonable amount of costs and attorney's fees.

17. Automatic Termination Upon Completion and Sale of Residential Unit. This Agreement and any lien pursuant hereto shall automatically be terminated, without any further action by either party or need to record any additional document, with respect to any single-family residential lot within a parcel designated by the Specific Plan for residential use, upon completion of construction and issuance by the City of a final inspection for a dwelling unit upon such residential lot and conveyance of such improved residential lot to a bona-fide good faith

purchaser thereof. In connection with its issuance of a final inspection for such improved lot, City shall confirm that: (i) all improvements which are required to serve the lot, as determined by City, have been accepted by City; (ii) the lot is included within the Maintenance CFD required by Section 3.20 or other financing mechanism acceptable to the City, to the extent required hereby; and (iii) if and to the extent applicable to such lot, an affordable purchase or rental housing agreement has been recorded on the lot. Termination of this Agreement for any such residential lot as provided for in this section shall not in any way be construed to terminate or modify any assessment district or Mello-Roos Community Facilities District lien affecting such lot at the time of termination.

18. Failure of Performance. In addition to any other remedies provided in this Agreement or by law, in the event SUBDIVIDER fails to perform one or more of the covenants or conditions of this Agreement, CITY shall have recourse to the security given to guarantee the performance of such acts. CITY may do, or cause to be done, those acts required of SUBDIVIDER, and shall have recourse against so much of the security as is necessary to discharge the responsibility of SUBDIVIDER. In the event CITY seeks recourse against a security, CITY shall also have recourse against SUBDIVIDER for any and all amounts necessary to complete the obligations of SUBDIVIDER in the event the security is insufficient to pay such amounts. All administrative costs, including reasonable attorney's fees pursuant to Section 66499.4 of the Government Code, incurred by CITY, in addition to the costs of the improvements, shall be a proper charge against the security and SUBDIVIDER.

19. Integration. This Agreement is an integrated agreement. It supersedes all prior negotiations, representations, or agreements, either written or oral.

20. Modification. This Agreement and each provision contained herein may be waived, amended, supplemented or eliminated only by mutual written agreement of the parties.

21. Notices. Any notices sent to the parties relating to this Agreement shall be sent by first class mail, postage prepaid or delivered to the following addresses:

Marc Stout, City Engineer
City of Roseville
311 Vernon Street
Roseville, CA 95678

Steve A. Schnable
John Mourier Construction, Inc.
1430 Blue Oaks Blvd, Suite 190
Roseville, CA 95747

Either party may amend its address by giving written notice to the other.

22. Severability. If any of the provisions contained in this Agreement are for any reason held invalid or unenforceable, such holding shall not affect the remaining provisions or the validity and enforceability of the Agreement as a whole.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attestation by its City Clerk under authority of Resolution No. ____, adopted by the Council of the City of Roseville on the ____ day of ____, 20__, and SUBDIVIDER has caused this Agreement to be executed.

CITY OF ROSEVILLE, a
municipal corporation,

John Mourier Construction, Inc. _____,
a California corporation

BY: _____
DOMINICK CASEY
City Manager

BY:  _____
its: CFO

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Placer)

On March 4, 2020 before me, Karen Headley, a notary public
(insert name and title of the officer)

personally appeared Rod Yamamoto,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

WITNESS my hand and official seal.

Signature



(Seal)



ATTEST:

and

BY: _____

BY: _____

SONIA OROZCO
City Clerk

its: _____

(NOTARIZATION REQUIRED)

APPROVED AS TO FORM:

BY: _____

ROBERT R. SCHMITT
City Attorney

APPROVED AS TO SUFFICIENCY:

BY: _____

MARC STOUT
City Engineer

OWNER'S STATEMENT:

THE UNDERSIGNED HEREBY STATE THAT THEY ARE THE ONLY PERSONS HAVING ANY RECORD TITLE INTERESTS IN THE REAL PROPERTY INCLUDED WITHIN THIS PLAT OF "SIERRA VISTA VILLAGE JM-20B - PHASE 2" SHOWN UPON THIS MAP AND THEY HEREBY CONSENT TO THE PREPARATION AND RECORDING OF THIS MAP AND OFFER FOR DEDICATION AND DO HEREBY DEDICATE FOR SPECIFIC PURPOSES THE FOLLOWING:

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS AN EASEMENT FOR PUBLIC PURPOSES:

- (A) PUBLIC EASEMENTS FOR INSTALLATION AND MAINTENANCE OF BUT NOT LIMITED TO WATER, GAS AND SEWER PIPES, AND FOR POLES AND OVERHEAD AND UNDERGROUND WIRES AND CONDUITS FOR ELECTRIC, TELEVISION AND TELEPHONE SERVICES AND TRAFFIC CONTROL APPURTENANCES TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER, UNDER AND ACROSS THOSE STRIPS OF LAND LYING CONTIGUOUS TO THE DRIVE AND STREETS SHOWN HEREON AND DESIGNATED "P.U.E." (PUBLIC UTILITY EASEMENT).
- (B) PUBLIC EASEMENTS FOR PEDESTRIAN ACCESS ON, OVER AND ACROSS THOSE STRIPS OF LAND SHOW HEREON AND DESIGNATED "P.E." (PEDESTRIAN EASEMENT).

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED IN FEE FOR PUBLIC PURPOSES:

- (A) AS PUBLIC RIGHT-OF-WAY (INCLUDING ALL IMPROVEMENTS THEREON) THE STREETS SHOWN HEREON AS SKIPPERLING STREET, WHIRLABOUT STREET, CHECKERSPOT STREET, SWALLOWTAIL DRIVE AND GOSSAMER STREET.

JOHN MOURIER CONSTRUCTION, INC., A CALIFORNIA CORPORATION

BY: _____
PRINT NAME:
TITLE:

BY: _____
PRINT NAME:
TITLE:

NOTARY ACKNOWLEDGEMENT:

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA

COUNTY OF PLACER

ON _____, 2020, BEFORE ME, _____ A NOTARY PUBLIC
(PRINT NAME AND TITLE OF OFFICER)

PERSONALLY APPEARED _____
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND AND OFFICIAL SEAL.

MY COMMISSION EXPIRES _____.
MY PRINCIPAL PLACE OF BUSINESS IS IN _____ COUNTY.

NOTARY PUBLIC

PRINT NAME

PLAT OF
SIERRA VISTA VILLAGE JM-20B - PHASE 2

SUBDIVISION NO.: 2012PL-038

ALL OF LOTS 13 AND 14 AS SHOWN ON THE LARGE LOT SUBDIVISION MAP OF "THE VILLAGES AT SIERRA VISTA" FILED IN BOOK DD OF MAPS, AT PAGE 26.

LOCATED IN SECTION 36, T. 11 N., R. 5 E., M.D.M.

CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA

FEBRUARY 2020

BAKER WILLIAMS ENGINEERING GROUP

SHEET 1 OF 7

CITY ENGINEER'S STATEMENT:

I HEREBY STATE THAT I HAVE EXAMINED THIS PLAT OF "SIERRA VISTA VILLAGE JM-20B - PHASE 2" AND FIND IT TO BE SUBSTANTIALLY THE SAME AS THE TENTATIVE MAP ON FILE AND ANY APPROVED ALTERATIONS THEREOF, THAT ALL PROVISIONS OF THE SUBDIVISION MAP ACT AND ALL APPLICABLE CITY ORDINANCES HAVE BEEN COMPLIED WITH.

DATED _____

MARC STOUT R.C.E. 69879
CITY ENGINEER, CITY OF ROSEVILLE
EXPIRATION DATE 09/30/2020

I HEREBY STATE THAT I AM SATISFIED THAT THIS PLAT OF "SIERRA VISTA VILLAGE JM-20B - PHASE 2" IS TECHNICALLY CORRECT.

For Marc Stout, City Engineer, City of Roseville

DATED _____

TIMOTHY G. BLAIR
P.L.S. 8278 EXPIRATION DATE 12/31/2021



CITY CLERK'S STATEMENT:

I HEREBY STATE THAT THE CITY COUNCIL OF THE CITY OF ROSEVILLE HAS APPROVED THIS PLAT OF "SIERRA VISTA VILLAGE JM-20B - PHASE 2" AND HAS ACCEPTED ON BEHALF OF THE PUBLIC, SUBJECT TO IMPROVEMENT, THE RIGHTS OF WAY AND EASEMENTS HEREON OFFERED FOR DEDICATION AND HAS APPROVED THE ABANDONMENT OF THE RIGHT OF WAY LISTED WITHIN NOTE 7 ON SHEET 2.

DATED _____

CITY CLERK, CITY OF ROSEVILLE

BY: _____
ASSISTANT CITY CLERK

SURVEYOR'S STATEMENT:

THIS MAP OF "SIERRA VISTA VILLAGE JM-20B - PHASE 2" WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCE AT THE REQUEST OF JOHN MOURIER CONSTRUCTION, INC. IN FEBRUARY, 2019. I HEREBY STATE THAT ALL THE MONUMENTS ARE OF THE CHARACTER AND OCCUPY THE POSITIONS INDICATED OR THAT THEY WILL BE SET IN THOSE POSITIONS ON OR BEFORE DECEMBER 31, 2021, THAT THE MONUMENTS WILL BE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED AND THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO THE CONDITIONALLY APPROVED TENTATIVE MAP.

DATE _____

JOHN KARL JEFFRIES L.S. 7820
EXPIRES 12/31/2021



RECORDER'S STATEMENT:

ACCEPTED FOR RECORD AND FILED IN THE OFFICE OF THE RECORDER OF PLACER COUNTY, STATE OF CALIFORNIA, AT THE REQUEST OF OLD REPUBLIC TITLE COMPANY, AT _____ MINUTES AFTER _____ O'CLOCK _M. ON THE ____ DAY OF _____, 2020 AND RECORDED IN BOOK ____ OF MAPS, AT PAGE ____.

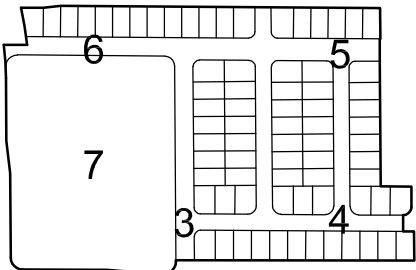
DOCUMENT NO. _____

COUNTY RECORDER OF PLACER COUNTY

FEE _____

BY: _____
DEPUTY

CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C8	34.88'	22.00'	90°49'44"	N 44°58'45" E	31.34'



SHEET INDEX

PLAT OF
SIERRA VISTA VILLAGE JM-20B - PHASE 2

SUBDIVISION NO.: 2012PL-038

ALL OF LOTS 13 AND 14 AS SHOWN ON THE LARGE LOT SUBDIVISION MAP OF
"THE VILLAGES AT SIERRA VISTA" FILED IN BOOK DD OF MAPS, AT PAGE 26.

LOCATED IN SECTION 36, T. 11 N., R. 5 E., M.D.M.

CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA

FEBRUARY, 2020

SCALE: 1" = 100'

BAKER WILLIAMS ENGINEERING GROUP

SHEET 2 OF 7

NOTES:

- ALL BEARINGS ALONG CURVED LINES ARE CHORD MEASUREMENTS.
- THIS SUBDIVISION CONTAINS 15.156 ACRES MORE OR LESS, CONTAINING 75 RESIDENTIAL LOTS NUMBERED 1-75 AND 1 LARGE LOT, LOT 76.
- ALL DISTANCES SHOWN HEREON ARE EXPRESSED IN FEET AND DECIMALS THEREOF.
- A PRELIMINARY SOILS REPORT WAS PREPARED BY YOUNGDAHL CONSULTING GROUP, PROJECT NO. E133171.000 DATED SEPTEMBER 10, 2013. A COPY OF THIS REPORT IS AVAILABLE FOR PUBLIC INSPECTION AT THE CITY OF ROSEVILLE ENGINEERING DEPARTMENT (FILE NUMBER 308-810).
- ALL REAR PROPERTY CORNERS AND ANGLE POINTS SHALL BE MONUMENTED WITH A 5/8" REBAR WITH METAL CAP STAMPED "LS7820". IN THE EVENT OF A CONFLICT WITH A RETAINING WALL OR FENCE, A 3.0' WITNESS CORNER SHALL BE SET ONLINE.
- ALL FRONT PROPERTY CORNERS SHALL BE MONUMENTED WITH A 1" BRASS DISK STAMPED "LS7820", 1.0' FROM PROPERTY CORNER INTO THE SIDEWALK ON A PROJECTION OF PROPERTY LINE AT FRONT AND/OR SIDE LOT LINES PRODUCED.
- PURSUANT TO SECTION 66499.20.2 OF THE GOVERNMENT CODE, THE PARCELS SHOWN HEREON ARE HEREBY MERGED AND RESUBDIVIDED AND THE FOLLOWING RIGHT OF WAY IS HEREBY ABANDONED: THAT PORTION OF RIGHT OF WAY DEDICATED ON THE FINAL MAP OF THE VILLAGES AT SIERRA VISTA RECORDED AS DD BM 26. SAID RIGHT OF WAY IS LOCATED WITHIN THE SOUTHEAST CORNER OF LOT 76 AND IS NOT SHOWN HEREON.

LEGEND:

- P.U.E. PUBLIC UTILITY EASEMENT
P.E. PUBLIC ACCESS EASEMENT
(R) RADIAL LINE
○ DIMENSION POINT, NOTHING FOUND OR SET
⊙ SET BRASS MONUMENT IN STANDARD CITY OF ROSEVILLE MONUMENT WELL STAMPED L.S. 7820
⦿ FND 3/4" IRON PIPE TAGGED "L.S. 7820" PER DD BM 26
⦿ FND BRASS MONUMENT IN STANDARD CITY OF ROSEVILLE MONUMENT WELL STAMPED "L.S. 7820" PER EE BM 43
(1) RECORD PER DD BM 26
(2) RECORD PER EE BM 43
(3) RECORD PER EE BM 6

BASIS OF BEARINGS:

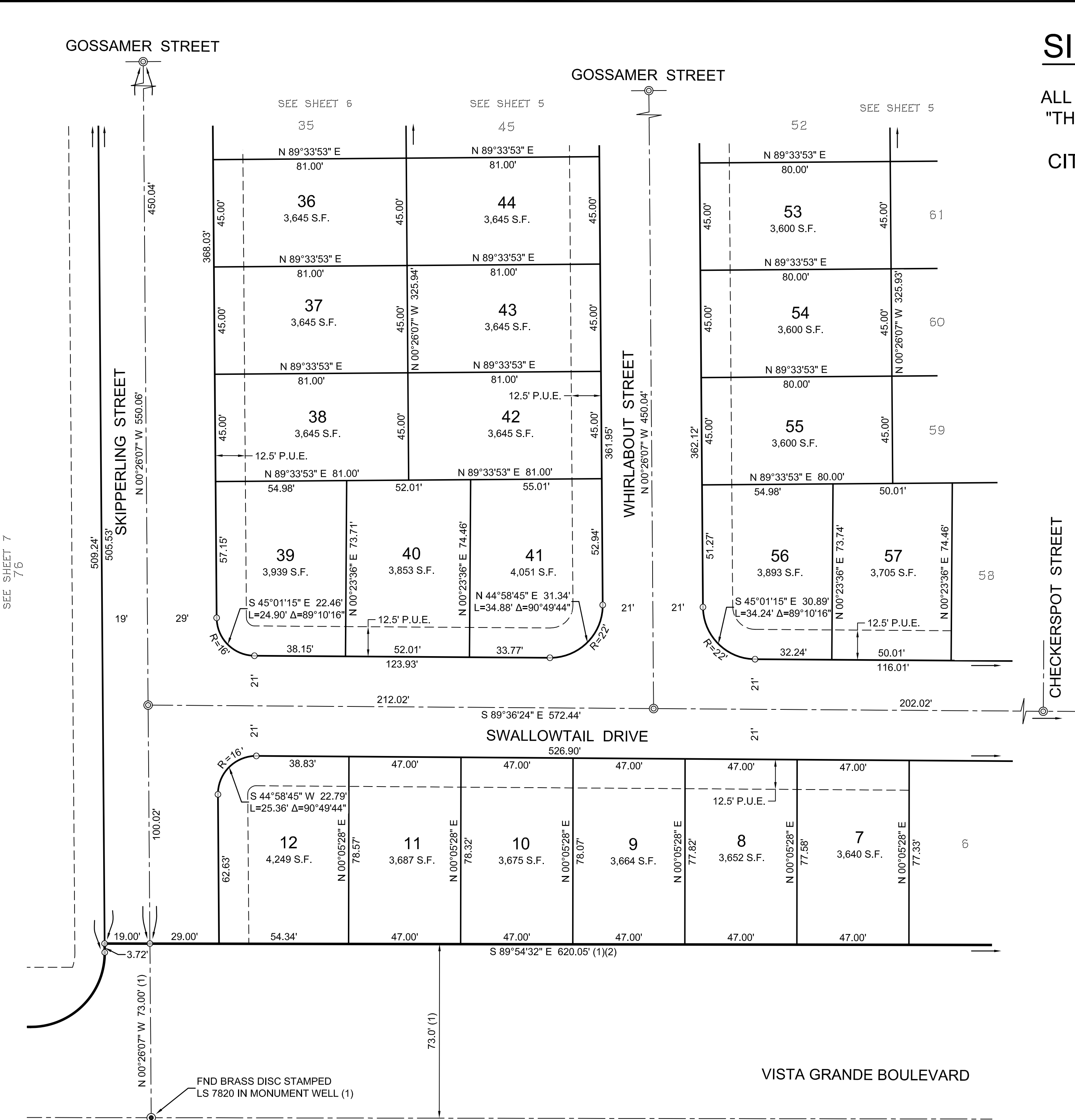
THE BASIS OF BEARINGS FOR THIS SURVEY IS IDENTICAL TO THE CENTERLINE OF METALMARK STREET, BEING N 00°26'07" W AND ESTABLISHED BY MONUMENTS FOUND AS SHOWN HEREON PER EE BM 43.

DF PROPERTIES
3253 O.R. 693
PARCEL B
15 PM 143

JOB NO. 17-05-020

PLAT OF
SIERRA VISTA VILLAGE JM-20B - PHASE 2

SUBDIVISION NO.: 2012PL-038
ALL OF LOTS 13 AND 14 AS SHOWN ON THE LARGE LOT SUBDIVISION MAP OF
"THE VILLAGES AT SIERRA VISTA" FILED IN BOOK DD OF MAPS, AT PAGE 26.
LOCATED IN SECTION 36, T. 11 N., R. 5 E., M.D.M.
CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA
FEBRUARY, 2020
BAKER WILLIAMS ENGINEERING GROUP
SHEET 3 OF 7



SEE SHEET 2 FOR NOTES, LEGEND AND BASIS-OF-BEARINGS

SEE SHEET 2 FOR NOTES, LEGEND
AND BASIS-OF-BEARINGS

PLAT OF SIERRA VISTA VILLAGE JM-20B - PHASE 2

SUBDIVISION NO.: 2012PL-038

ALL OF LOTS 13 AND 14 AS SHOWN ON THE LARGE LOT SUBDIVISION MAP OF
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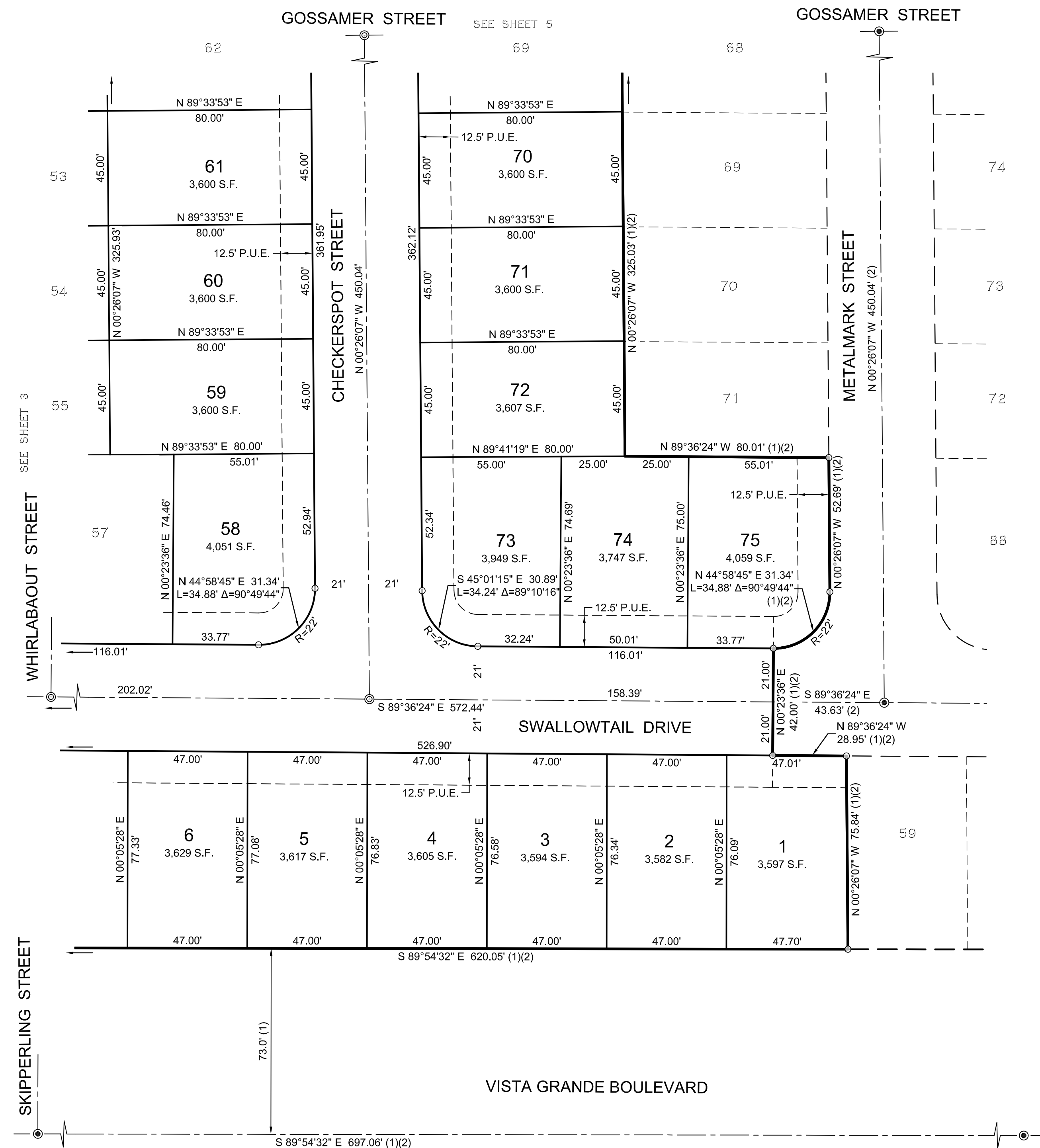
CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA

FEBRUARY, 2020

SCALE: 1" = 30'

BAKER WILLIAMS ENGINEERING GROUP

SHEET 4 OF 7



SIERRA VISTA VILLAGE
JM-20A - PHASE 1
EE BM 43

JOB NO. 17-05-020

PLAT OF
SIERRA VISTA VILLAGE JM-20B - PHASE 2

SUBDIVISION NO.: 2012PL-038
ALL OF LOTS 13 AND 14 AS SHOWN ON THE LARGE LOT SUBDIVISION MAP OF
"THE VILLAGES AT SIERRA VISTA" FILED IN BOOK DD OF MAPS, AT PAGE 26.

LOCATED IN SECTION 36, T. 11 N., R. 5 E., M.D.M.
CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA

FEBRUARY, 2020 SCALE: 1" = 30'

BAKER WILLIAMS ENGINEERING GROUP

SHEET 5 OF 7

RESULTANT LOT 12
INST. 2019-0035004



SIERRA VISTA VILLAGE
JM-20A - PHASE 1
EE BM 43

SEE SHEET 2 FOR NOTES, LEGEND
AND BASIS-OF-BEARINGS

JOB NO. 17-05-020

SHEET 5 OF 7

SEE SHEET 2 FOR NOTES, LEGEND
AND BASIS-OF-BEARINGS

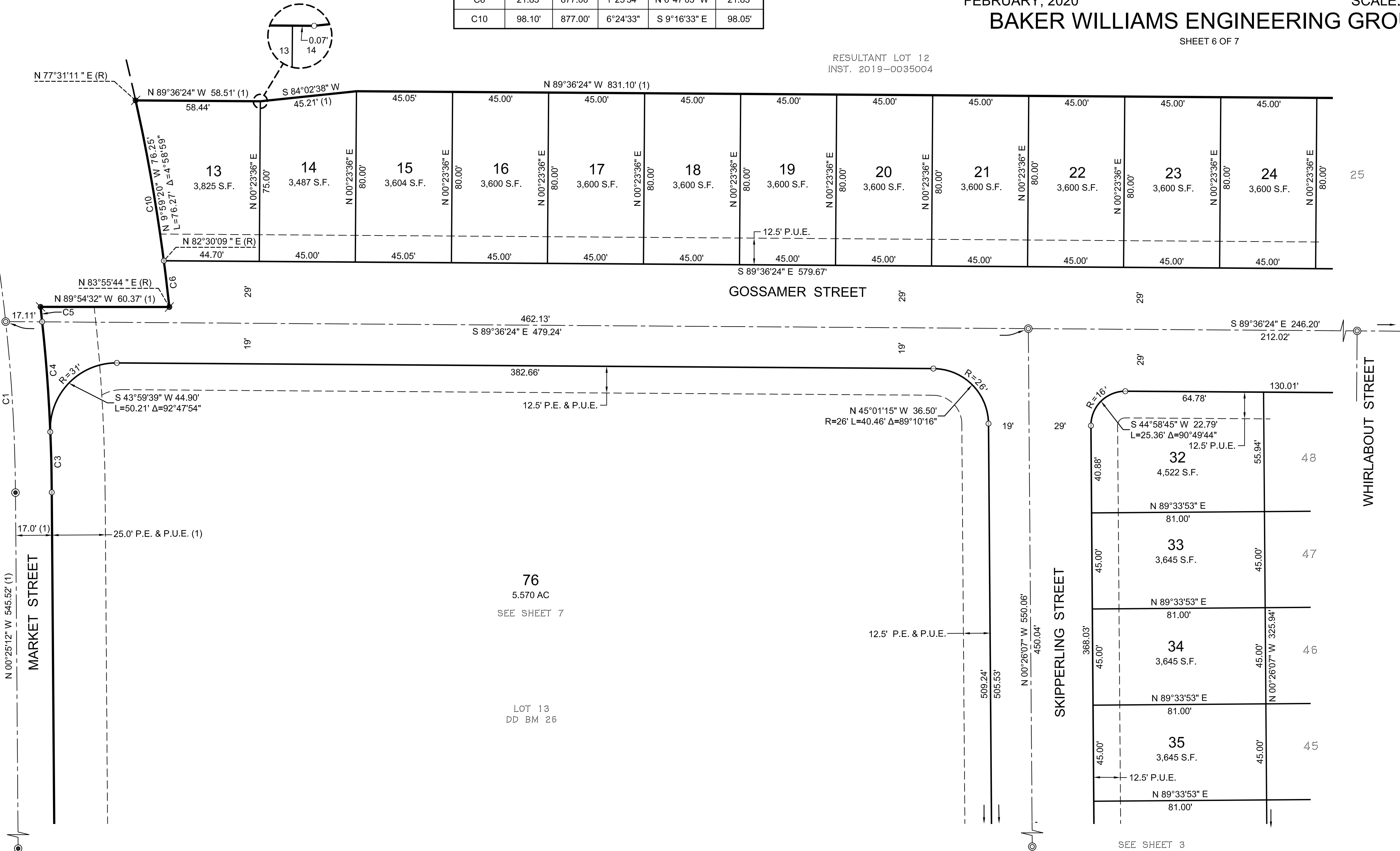
CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C1	80.24'	800.00'	5°44'49"	N 3°17'37" W	80.21'
C3	28.30'	817.00'	1°59'05"	N 1°24'45" W	28.30'
C4	51.69'	817.00'	3°37'30"	N 4°13'02" W	51.68'
C5	7.07'	817.00'	0°29'45"	N 6°16'40" W	7.07'
C6	21.83'	877.00'	1°25'34"	N 6°47'03" W	21.83'
C10	98.10'	877.00'	6°24'33"	S 9°16'33" E	98.05'

PLAT OF
SIERRA VISTA VILLAGE JM-20B - PHASE 2

SUBDIVISION NO.: 2012PL-038
ALL OF LOTS 13 AND 14 AS SHOWN ON THE LARGE LOT SUBDIVISION MAP OF
"THE VILLAGES AT SIERRA VISTA" FILED IN BOOK DD OF MAPS, AT PAGE 26.
LOCATED IN SECTION 36, T. 11 N., R. 5 E., M.D.M.
CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA
FEBRUARY, 2020
BAKER WILLIAMS ENGINEERING GROUP
SCALE: 1" = 30'

SHEET 6 OF 7

RESULTANT LOT 12
INST. 2019-0035004



SEE SHEET 5

SEE SHEET 3

JOB NO. 17-05-020

SHEET 6 OF 7

SEE SHEET 2 FOR NOTES, LEGEND
AND BASIS-OF-BEARINGS

PLAT OF
SIERRA VISTA VILLAGE JM-20B - PHASE 2

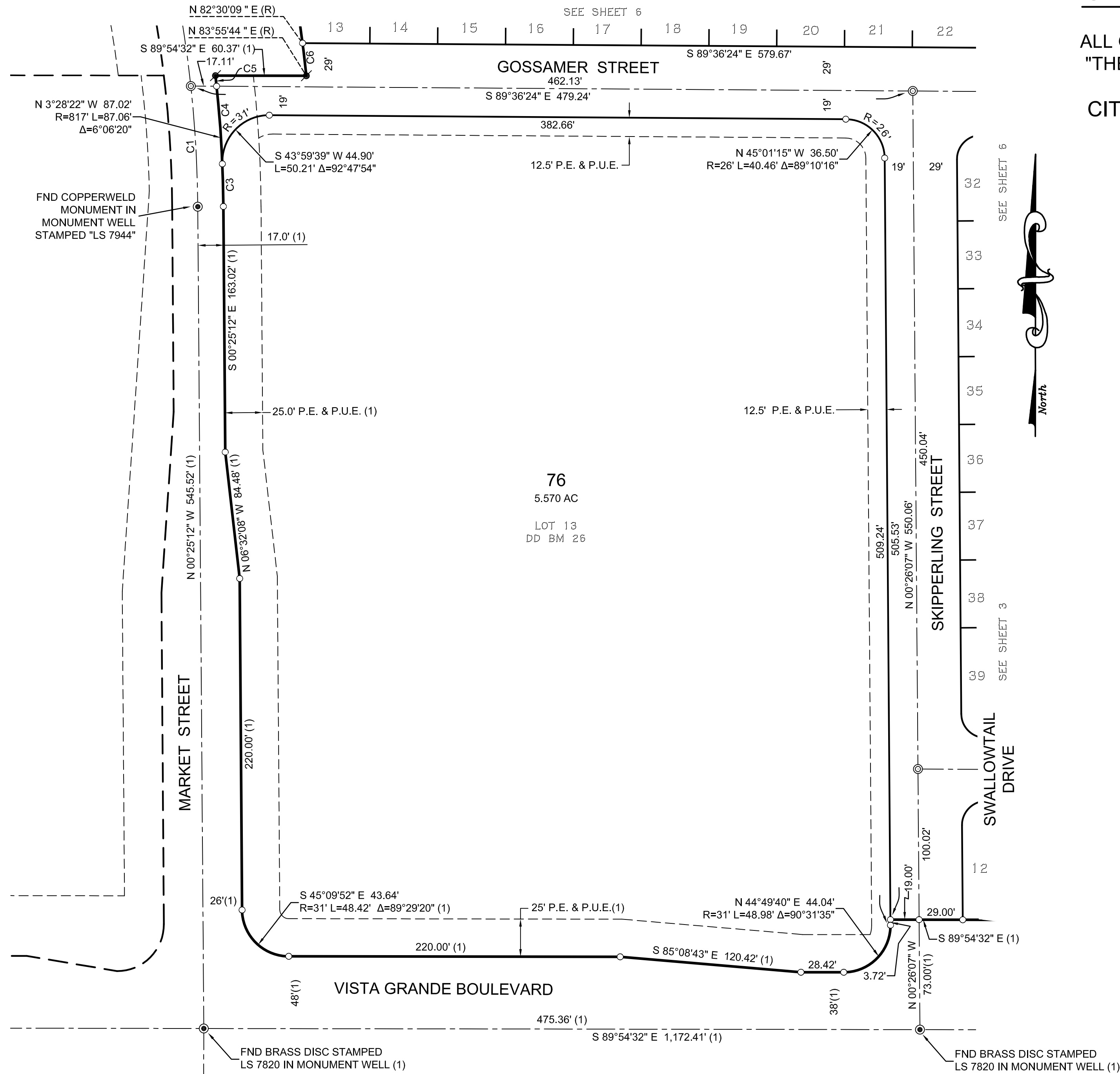
SUBDIVISION NO.: 2012PL-038
ALL OF LOTS 13 AND 14 AS SHOWN ON THE LARGE LOT SUBDIVISION MAP OF
"THE VILLAGES AT SIERRA VISTA" FILED IN BOOK DD OF MAPS, AT PAGE 26.

LOCATED IN SECTION 36, T. 11 N., R. 5 E., M.D.M.
CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA
FEBRUARY, 2020

BAKER WILLIAMS ENGINEERING GROUP

SCALE: 1" = 50'

SHEET 7 OF 7



CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C1	80.24'	800.00'	5°44'49"	N 3°17'37" W	80.21'
C3	28.30'	817.00'	1°59'05"	N 1°24'45" W	28.30'
C4	51.69'	817.00'	3°37'30"	N 4°13'02" W	51.68'
C5	7.07'	817.00'	0°29'45"	N 6°16'40" W	7.07'
C6	21.83'	877.00'	1°25'34"	N 6°47'03" W	21.83'



COUNCIL COMMUNICATION

CC #: 0702

File #: 0103

Title: Youth Sports Coalition - Administrative Standards Update

Contact: Helen Dreyer 916-774-5356 hdreyer@roseville.ca.us

Meeting Date: 4/15/2020

Item #: 6.11.

RECOMMENDATION TO COUNCIL

Staff is requesting City Council approve the Parks and Recreation Commission and Youth Sports Coalition's recommendation to amend the Supplemental Meeting Procedures in the City of Roseville City Council/Boards & Commissions Administrative Standards applicable to the Youth Sports Coalition.

BACKGROUND

The Roseville Youth Sports Coalition (YSC) is a unique partnership between local independent youth sports providers and the City of Roseville. The youth sports partners provide athletic activities, opportunities and competition for participants, and the City provides game and practice fields for the partners.

The YSC is made up of seven youth sports providers within the City of Roseville. In 2020 the YSC pays a \$22 per participant fee to the City of Roseville to support youth sports within the city. Currently the meeting procedures outline how the funds are to be distributed.

At the November 14, 2019 meeting of the Youth Sports Coalition, the leagues voted to recommend to Parks and Recreation Commission the approval of the Administrative Standards updates.

At the March 2, 2020 Parks and Recreation Commission, the updates to the Administrative Standards were approved and recommended to send to City Council.

The purpose for the recommendation to remove the language from the Supplemental Meeting Procedures in the City of Roseville City Council/Boards & Commissions Administrative Standards was to keep consistent language and processes with other boards and commissions, and to remove any mention of financial distribution to the appropriate document.

Upon the removal of language, the YSC requested the City of Roseville project the next three years of per player fee costs and field rental rates and give a minimum of one year notice for any increases. Fees will be allocated on a fiscal year, from July-June.

Information about the distribution of fees will be moved to the City of Roseville Parks, Recreation & Libraries Department Athletic Field/Facility Use and Allocation Policy. The new statement regarding distribution of funds will be changed to:

Per participant fees will be collected on an annual basis from each sport league. Fees will be used for league CIP projects and field maintenance costs. The distribution of fees collected and disbursement is listed in the City of Roseville Parks, Recreation & Libraries Department Athletic Field/Facility Use and Allocation Policy.

FISCAL IMPACT

This amendment to the Supplemental Meeting Procedures in the City of Roseville City Council/Boards & Commissions Administrative Standards applicable to the Youth Sports Coalition, in and of itself, has no fiscal impact to the City. However, it should be noted that fees paid to the City by the Youth Sports Coalition provide valuable funding to support maintenance and improvements at the City's sports fields.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378.

The update to the Youth Sports Coalition section of the Administrative Standards meets the above criteria and is not subject to CEQA. No additional environmental review is required.

Respectfully Submitted,

Helen Dreyer, City Clerk Technician

Sonia Orozco, City Clerk



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 20-106

Administrative Standards Update

RESOLUTION NO. 20-106

APPROVING AMENDMENTS TO THE CITY COUNCIL/BOARDS AND
COMMISSIONS ADMINISTRATIVE STANDARDS REGARDING THE
YOUTH SPORTS COALITION

WHEREAS, the Roseville City Council as well as all of the City Boards and Commissions, have adopted Rules of Procedure to assist in the orderly conduct of the public's business; and

WHEREAS, staff has consolidated the individual meeting procedures of the City Council and the City's thirteen boards, commissions and committees into one Administrative Standards document; and

WHEREAS, at the March 2, 2020 Parks and Recreation Commission meeting, amendments regarding the Youth Sports Coalition were approved and recommended to City Council for approval.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Roseville that the Amended City Council/Boards and Commissions Administrative Standards are hereby adopted, as shown in the copy on file in the City Clerk's department.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

Excerpt from Supplemental Meeting Procedures in the City of Roseville City Council/Boards & Commissions Administrative Standards

Youth Sports Coalition

Definitions

Allocation policy - City of Roseville Parks and Recreation Department Youth Athletic Field/ Facility Use and Allocation Policy which includes specifics on youth sports member criteria, fees and member benefits.

Representative – Any board member of a youth sports member organization that qualifies for membership under the Allocation Policy. Each youth sports member organization may have one (1) representative attend and participate in meetings.

Coalition – Roseville Youth Sports Coalition, an ad hoc advisory committee comprised of representatives from youth sports member organizations and the commission.

Coalition member – Appointed commission representatives or youth sports member organization representatives.

Commission – City of Roseville Parks and Recreation Commission.

Council – City of Roseville City Council.

Department – City of Roseville Parks, Recreation & Libraries Department.

Director – Director of the Parks, Recreation & Libraries Department, or his or her designee.

Rules

The coalition shall function as an advisory committee to the commission. The coalition is created with the intent of establishing an open forum for communication and cooperation between the coalition, commission, the department, and the public. The coalition has no authority, either expressed or implied, to commit city resources or funds, allocate the use of any athletic fields, facilities, concession stands, or other city property to any organization or individual or to make improvements to city-owned parks, fields and/or facilities.

Responsibilities

- Recommends ways to create ongoing partnerships with the department, participating school districts, and nonprofit groups to maximize use of recreation facilities;
- Recommends improvements to existing facilities;
- Assists the department in planning future sports facilities;
- Advances the interests of the Roseville community in youth sports;
- Encourages participation in the youth sports offered by coalition members and the public in general, and to promote youth sports in the community;
- Applies for grant opportunities or otherwise conduct fundraising activities for specific projects.

~~Fifty percent (50%) of the participant fees obtained by the city and generated as a consequence of the Allocation Policy will be placed in the city's general fund for park maintenance. The remaining fifty percent (50%) of participant fees obtained by the city and generated as a consequence of the Allocation Policy will be deposited into a separate fund held by the city. Half of the funds held in this separate account shall be used for general park maintenance projects recommended by the department,~~

~~following receipt of all required approvals. The remaining balance of the separate fund will be used to fund projects that are recommended by the coalition and approved by the commission. Funds may be held for more than one (1) fiscal year.~~

Per participant fees will be collected on an annual basis from each sport league. Fees will be used for league CIP projects and field maintenance costs. The distribution of fees collected and disbursement is listed in the Field Allocation and Rental Use document.

Notwithstanding the foregoing and as previously stated, the coalition has no authority, either expressed or implied, to commit city resources or funds from whatever source, and no authority, either express or implied, to allocate the use of any athletic fields, facilities, concession stands or other city property to any organization or individual, or to make improvements to city-owned parks, fields and/or facilities. The activities of the coalition shall not consist of carrying on propaganda or otherwise attempting to influence legislation, and the coalition as a collective body shall not participate or intervene in any political campaign (including the publishing or distribution of statements) on behalf of any candidate for public office.

The coalition is nonprofit, nonpartisan, and nonsectarian.

Membership

Commission appointments

The commission shall appoint three (3) commission members to serve on the coalition. The commission shall appoint one (1) of these three members to serve as the coalition chairperson and one (1) of these three members to serve as the vice chairperson.

Youth sports organization eligibility

The Allocation Policy outlines the specific eligibility requirements for youth sports member organizations. Youth sports organizations qualifying for membership under the Allocation Policy will be invited by the Department to join the Coalition. In addition to satisfaction of the eligibility requirements set forth in the Allocation Policy, the youth sports member organizations must comply with the following additional requirements:

- The organization is an existing, functioning entity with its own governing body (Board of Directors or Trustees) and rules and regulations (Bylaws).
- The organization is recognized by and affiliated with a national, state or regional government body (i.e., Little League Baseball, Amateur Softball Association, and American Youth Soccer Association).
- The organization is recognized by the City of Roseville.
- The organization's primary function is to provide an opportunity for sports involvement for youth in the Roseville area.
- Organizations must provide recreation programs which complement existing programs of the Department.
- Pursuant to California state law, youth member organizations groups may not discriminate against any person on the basis of sex or gender or other protected basis in the operation, conduct, or administration of community youth programs.
- The organization is a registered nonprofit organization. A "nonprofit organization" as used in this section shall refer to an organization which is not conducted or operated for profit and no part of any

funds flowing to the organization shall serve to benefit any member or individual. Each organization shall provide proof of its tax-exempt status. Acceptable proof of nonprofit status will include:

- An Exemption Determination Letter from the California Secretary of State must be provided. All supporting documents must be submitted with Letter of Determination.
- A Determination Letter from the Internal Revenue Service (IRS) of recognition of their Section 501(c)(3) exempt status. (An organization that submits an application to the IRS and has it approved, must make a copy of the application and supporting documents, as well as any letter issued by the IRS, available for public inspection.)
- File with the Department at least fourteen (14) days prior to the start of each season:
- A report on the function of organization.
- A list of the governing body naming the office held, term of office, address, phone number and email address of each.
- A master schedule of all games to be played to include dates, times, fields and teams participating and board of directors and general membership meeting dates, times and locations if requested.
- A single roster per team with the individual participant name, age, home address (including zip code) and phone number, team name, age bracket of the team, and the coach's name, address and phone number.
- Proof of the policies of insurance and limits of coverage required by the Allocation Policy, including, but not limited to all required certificates of insurance, endorsements and/or renewals.

In the event additional insurance is required based on the nature of the activity, the submission must include evidence of such additional, required insurance coverage. Failure to comply with all requirements relating to insurance will terminate Coalition status in addition to other remedies set forth in the Allocation Policy.

The Coalition reserves the right to review submitted paperwork.

Organizations failing to comply with the policies may be required to forfeit the use of athletic fields/facilities until they are in compliance, in addition to other penalties outlined in the Allocation Policy.

Youth sports organization representatives

All board members of each youth sports member organizations are eligible to serve on the Coalition as a Representative. However, only one Representative can attend and participate in a meeting at a time. Each youth sports member organization shall provide the following information to the Department: each board member's name, e-mail address and phone number. Organizations must keep this information current at all times.

Term of office

Representatives may serve on the Coalition as long as they remain members on their youth sports member organization's board.

Fees

Participating youth sports organizations must pay the per-participant per-season fees as set forth in the Allocation Policy, as amended from time to time, to maintain eligibility for Coalition membership.

Member resignation/termination and disciplinary actions

Any representative or youth sports member organization resigning their/its position from the Coalition shall do so in writing to the Department. An appointed Commission member may resign his/her position from the Coalition in writing to the Department and the Commission. The resignation of a youth sports member organization shall not become effective until accepted by a majority vote of the Coalition.

Any youth sports member organization shall forfeit membership by non-payment of fees after sixty (60) days from the date due, unless otherwise extended for good cause. Membership will only resume upon the payment in full of outstanding fees.

Any representative or youth sports member organization may be removed by the coalition, at a regularly scheduled meeting thereof, for conduct unbecoming a member or prejudicial to the aims or repute of the coalition, after receipt of written notice. Any appeal of a decision of the coalition will be heard by the Appeal Committee. The Appeal Committee shall consist of the coalition chair, one city staff member designated by the department, and one additional coalition representative at large designated by the coalition membership. The decision of the appeal committee shall be final.

A youth sports member organization may change its representatives at its discretion as long as such representatives are members of the organization's board. A written notice identifying the new representatives must be submitted to the department at least five (5) ~~ten (10)~~ days prior to a coalition meeting.

In the event of the resignation or termination of a coalition member, the coalition or the department shall request that the appointing youth sports organization or commission fill such vacancy.

Meetings

The coalition shall meet at least quarterly (once during each quarter of the calendar year). The time and place shall be fixed by the director and shall be held within the City of Roseville city limits.

Agenda items

Agenda items for the coalition appear as the result of a written request submitted to the department at least seven (7) working days prior to the scheduled meeting and must be approved by the department or coalition chair.

Video tape recordings

A video tape recording shall not be made of coalition meetings unless requested in advance by the coalition chair.

Voting

Each coalition member shall have one (1) vote. Voting by proxy will not be permitted. A member vote is cast by the representative attending the meeting. In the case of appointed commission members, the individual member must be present to cast a vote.

Attendance policy

A youth sports member organization must be represented by its representative at all regularly scheduled meetings. A youth sports member organization will be declared delinquent if that organization fails to be represented or excused from three (3) consecutive meetings of the coalition. If declared delinquent, a member organization may lose all member privileges. After two (2) consecutive meetings with no representation, the member organization shall be notified by mail at the organization's address of record and asked to appoint a new representative and alternate. Any member organization unrepresented at three (3) consecutive meetings (unless excused by majority vote), shall be automatically removed. Membership will resume when new representatives are identified.

Amendments

Amendments to the meeting procedures shall be adopted by the City Council and shall become effective immediately unless designated as effective at a later date. Amendments may occur only at a public meeting. The coalition may propose amendments to these meeting procedures by simple majority vote of the membership. Any such proposed amendment shall then be sent to the commission for consideration and recommendation to the City Council.

Dissolution

The City Council may dissolve the coalition at a public meeting should the City Council determine the coalition no longer meets the needs of the city. In the event of dissolution, the coalition will continue to meet for up to six (6) months following council's decision to dissolve the coalition in order to finalize a plan for disposition of any remaining funds. The coalition's plan for disposition of any remaining funds shall require City Council approval.



COUNCIL COMMUNICATION

CC #: 0704
File #: 0709-05

Title: The Lazarus Project - Amended and Restated Memorandum of Understanding and Deed of Trust
Contact: Suzanne Acrell 916-774-5469 sacrell@roseville.ca.us

Meeting Date: 4/15/2020
Item #: 6.12.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt a resolution to approve the Amended and Restated Memorandum of Understanding (MOU) and Amended and Restated Deed of Trust between the City of Roseville and The Lazarus Project, Inc. and authorize the City Manager to execute them on behalf of the City.

BACKGROUND

In 2005, the City of Roseville entered into an agreement to loan The Lazarus Project, Inc. \$87,500 through the Community Development Block Grant (CDBG) for the purchase of an existing transitional housing facility already operated by The Lazarus Project. The total purchase price of this facility was \$175,000. This single-family home is located at 339 Grove Street and provides housing and supportive services to a maximum of six (6) adult single women. An updated memorandum of understanding between the City of Roseville and The Lazarus Project went into effect on February 7, 2007, revising the 2002 language to reflect the change in target population from "single adults" to "single adult women."

The property is located in the jurisdiction of the Los Cerritos Neighborhood Association (LCNA) and the 2007 MOU was to be in effect while the LCNA was inactive. Since then, the LCNA reactivated their neighborhood association. The Lazarus Project brought forward their proposal to the LCNA to change the use of the home from transitional housing to permanent supportive housing. After three attempts to come to an agreement on the terms of the MOU, the City stepped in and entered into an agreement with the Lazarus Project to set forth the conditions by which the program must adhere.

As part of the 2020 amended MOU between the City and The Lazarus Project, the facility must be used specifically to provide permanent supportive housing, rather than its previous function as a transitional housing facility. The original Deed of Trust, dated March 25, 2005 as instrument number 2005-0036717, contains a use restriction permitting the use of the property only for transitional housing. The amended Deed of Trust will convert the use of the property from

transitional housing to permanent supportive housing.

FISCAL IMPACT

This action will not have any fiscal impact to the General Fund.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. The Amended and Restated MOU and Deed of Trust meet the above criteria and are not subject to CEQA. No additional environmental review is required.

Respectfully Submitted,

Suzanne Acrell, Housing Analyst

Laura Matteoli, Economic Development Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 20-109

MOU

Lazarus Deed of Trust

RESOLUTION NO. 20-109

APPROVING AN AMENDED AND RESTATED MEMORANDUM OF UNDERSTANDING
AND AN AMENDED AND RESTATED DEED OF TRUST
BETWEEN THE CITY OF ROSEVILLE AND THE LAZARUS PROJECT, INC. AND
AUTHORIZING THE CITY MANAGER TO EXECUTE THEM,
ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, an Amended and Restated Memorandum of Understanding regarding permanent supportive housing for single adult women in the Los Cerritos Neighborhood Association, between the City of Roseville and The Lazarus Project, has been reviewed by the City Council;

WHEREAS, an Amended and Restated Deed of Trust to convert the use of the property from transitional housing to permanent supportive housing, has been reviewed by the City Council.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said Amended and Restated Memorandum of Understanding and the Amended and Restated Deed of Trust are approved and that the City Manager is authorized to execute them on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

**AMENDED AND RESTATED MEMORANDUM OF UNDERSTANDING
BETWEEN
CITY OF ROSEVILLE
AND
THE LAZARUS PROJECT, INC.**

THIS AGREEMENT is made and entered into this _____ day of _____, 20____, by and between City of Roseville, a municipal corporation (“**CITY**”) and The Lazarus Project, Inc., a California nonprofit corporation (“**Lazarus Project**”); and

W I T N E S S E T H

Whereas, Lazarus Project owns a house located at 339 Grove Street, Roseville, California where it provides permanent housing for, and support services to, six homeless adult women (sometimes referred to as “six beds”); and

Whereas, the Continuum of Care for Placer County identifies that any housing provider within **CITY** if requesting funding or approval of a funding application, will be required to enter into a Memorandum of Understanding with the neighborhood association in which the housing facility is located; and

Whereas, Lazarus Project applied for and received funding from **CITY** for the purchase of the house at 339 Grove Street, Roseville, California; and

Whereas, the **Lazarus Project** house identified above is in the Los Cerritos neighborhood; and

Whereas, the neighborhood association for that area, Los Cerritos Neighborhood Association (“**LCNA**”), is currently active; and

Whereas, Lazarus Project and **CITY** entered into a Memorandum of Understanding on February 7, 2007, while **LCNA** was inactive, with the understanding that Lazarus Project and **LCNA** would enter into a Memorandum of Understanding once **LCNA** became active; and

Whereas, **LCNA** and Lazarus Project were subsequently unable to come to an agreement on the terms of a Memorandum of Understanding; and

Whereas, Lazarus Project executed a Deed of Trust dated March 21, 2005 and recorded on March 25, 2005 as instrument number 2005-0036717 by the Placer County Recorder’s Office, with **CITY** as the beneficiary; and

Whereas, section 19 of said Deed of Trust provides that Lazarus Project may enter into a Memorandum of Understanding with **CITY** in order to facilitate continued positive relationships between **Lazarus Project** and its neighbors and to support the continuing success of the program operated by **Lazarus Project**; and

NOW, THEREFORE, the parties agree as follows:

1. Adult Single Women Only. **Lazarus Project** agrees to house only single adult women at the 339 Grove Street, Roseville, California address.
2. Prioritization. **Lazarus Project** agrees its highest priority is to house homeless adult women who need immediate shelter and who are from the City of Roseville and/or Placer County.
3. Monitoring. **Lazarus Project** agrees to monitor the progress of the residents utilizing the housing program, and to encourage appropriate behavior within the neighborhood.
4. Number of Units. **Lazarus Project** agrees to limit the program to no more than a six bed program.
5. Sex Offenders & Violent Criminal Activity Offenders. **Lazarus Project** agrees not to house registered sex offenders if necessary to protect a “person at risk” as specified in the California Penal Code. Determining who is at risk would depend upon various factors including the nature of the crime that the sex offender committed. In addition, **Lazarus Project** agrees not to house anyone who has committed violent criminal offenses.
6. Resolution of Concerns. **Lazarus Project** agrees to resolve any and all reasonable concerns presented by **CITY** in a prompt, courteous and expedient manner; and **CITY** agrees to resolve any and all reasonable concerns presented by **Lazarus Project** in a prompt, courteous and expedient manner.
7. Mediation. Both **Lazarus Project** and **CITY** agree to attempt mediation to resolve disputes relating to the subject matter of this Agreement.
8. Term. This Agreement shall become effective upon execution by the parties. The term of the Agreement shall be for five (5) years. This Agreement may be amended, modified, extended, or terminated only upon mutual written consent of the Parties.
9. Successors in Interest. This Agreement shall be binding upon and shall inure to the benefit of the parties and their respective heirs, legal representatives, successors and assigns.
10. Participation in Neighborhood Meetings. **Lazarus Project** agrees to attend and participate in four monthly LCNA meetings per calendar year.

11. Funding. **CITY** agrees not to oppose any funding request **Lazarus Project** may have before any other funding body, as long as **Lazarus Project** is in compliance with the terms of this Agreement.
12. Other Agreements. In the event that any portion of this Agreement conflicts with or would violate any agreement between **CITY** and **Lazarus Project** relating to funding, or any agreement between **CITY** and the U.S. Department of Housing and Urban Development or any other entity providing funding to **CITY**, the provisions of such other agreement or agreements shall be deemed to govern. The provisions of this Agreement are severable, and the invalidity of any provision shall not be deemed to invalidate the balance of this Agreement.
13. Updates on Police Activity. LCNA may obtain updates on police activity involving the house at 339 Grove Street, Roseville, California via the Roseville Police Department's electronic Public Safety and Neighborhood Newsletter. LCNA may request that **Lazarus Project** address any questions or concerns LCNA may have regarding any police activity at said house.

IN WITNESS WHEREOF, City of Roseville, a municipal corporation, has caused this Agreement to be executed in duplicate by its City Manager and attested to by its City Clerk under the authority of Resolution No. _____, adopted by the Council of the City of Roseville on the ____ day of _____, 20____, and The Lazarus Project, Inc. has caused this Agreement to be executed.

CITY OF ROSEVILLE, a
municipal corporation

THE LAZARUS PROJECT, INC., a
California nonprofit corporation

BY: _____
DOMINICK CASEY
City Manager

DAVID LOYA
Executive Director

ATTEST:

BY: _____
SONIA OROZCO
City Clerk

APPROVED AS TO FORM:

BY: _____
ROBERT R. SCHMITT
City Attorney

APPROVED AS TO SUBSTANCE:

BY: _____
LAURA MATTEOLI
Economic Development Director

Recording Requested by:

City of Roseville

When recorded, return to:

CITY OF ROSEVILLE

Attn: City Clerk

311 Vernon Street

Roseville, CA 95678

(Exempt from recording fees Gov't Code 27383)

**Amended and Restated Deed of Trust and
Assignment of Rents Containing Covenants and Restrictions**

THIS AMENDED AND RESTATED DEED OF TRUST ("Deed of Trust") is made as of March 19, 2020, by and between the Trustor, THE LAZARUS PROJECT, INC., a California nonprofit corporation ("Borrower"), whose address is P.O. Box 1241, Roseville, CA 95678; the Trustee, PLACER TITLE COMPANY, whose address is 1508 Eureka Road, Suite 150, Roseville, CA 95661; and the Beneficiary, THE CITY OF ROSEVILLE, whose address is 311 Vernon Street, Roseville, CA 95678 ("Lender").

WITNESSETH:

WHEREAS, Lender is the beneficiary on that certain Deed of Trust and Assignment of Rents dated March 21, 2005 from Borrower to Placer Title Company, as trustee, recorded on March 25, 2005, Recorder's Instrument No. 2005-0036717 of the official records of Placer County ("the Original Deed of Trust") to secure an indebtedness of eighty-seven thousand five hundred dollars (\$87,500.00); and

WHEREAS, the Original Deed of Trust contains a use restriction permitting use of the property described below only for transitional housing; and

WHEREAS, Borrower seeks to convert use of the property from transitional housing to permanent supportive housing; and

WHEREAS, the parties seek to amend and restate the Original Deed of Trust to allow use of the property for permanent supportive housing.

NOW, THEREFORE, in consideration of the mutual benefits accruing to the parties hereto, it is agreed as follows:

Borrower, in consideration of the indebtedness described below and the trust created by this Deed of Trust, irrevocably grants and conveys to Trustee, in trust with power of sale, the property ("Property") located in the City of Roseville, County of Placer, State of California and described in Exhibit "A", attached to and made a part of this Deed of Trust.

Together with all the improvements now or hereafter erected on the property, and all easements, rights, appurtenances, rents (subject, however, to the rights and authorities given to Lender to collect and apply such rents), royalties, mineral, oil and gas rights and profits, water, water rights, and water stock, and all fixtures, including but not limited to all gas and electric fixtures, engines and machinery, radiators, heaters, furnaces, heating equipment, steam and hot water boilers, stoves, ranges, elevators and motors, bathtubs, sinks, water closets, basins, pipes, faucets and other plumbing and heating equipment, cabinets, mantels,

refrigerating plant and refrigerators, whether mechanical or otherwise, cooking apparatus and appurtenances, furniture, shades, awnings, screens, blinds and other furnishings, now or hereafter attached to the property, all of which, including replacements and additions thereto, shall be deemed to be and remain a part of the property covered by this Deed of Trust; and all of the foregoing, together with said property (or the leasehold estate if this Deed of Trust is on a leasehold) are herein referred to as the "Property;"

To secure to Lender (a) the repayment of the indebtedness evidenced by Borrower's note of even date herewith ("Note"), in the principal sum of EIGHTY-SEVEN THOUSAND, FIVE HUNDRED DOLLARS (\$87,500.00), or such lesser amount as shall equal the aggregate amount disbursed to Borrower or for Borrower's account by Lender, in accordance with the Note; and (b) the performance of the covenants and agreements of Borrower contained in this Deed of Trust, the Note and the Loan Agreement for 339 Grove Street Property Acquisition (Community Development Block Grant) ("Loan Agreement").

Borrower represents and covenants that Borrower is lawfully seized of the estate conveyed by this Deed of Trust and has the right to grant and convey the Property, and that Borrower will warrant and defend generally the title of the Property against all claims and demands, subject to any declarations, easements or restrictions listed in a schedule of exceptions to coverage in any title insurance policy insuring Lender's interest in the Property.

Borrower and Lender further covenant and agree as follows:

1. Payment of Principal and Interest. Borrower shall promptly pay when due the principal and interest, if any, on the indebtedness evidenced by the Note. All payments received by Lender under the Note shall be applied by Lender first to interest payable on the Note, if any, and thereafter to the unpaid principal of the Note.
2. Charges; Liens. Borrower shall pay all taxes, assessments and other charges, fines and impositions attributable to the Property and leasehold payments or ground rents, if any, by Borrower making payment, when due, directly to the appropriate payee. Borrower shall promptly furnish to Lender all notices of amounts due under this paragraph, and in the event Borrower shall make payment directly, Borrower shall promptly furnish to Lender receipts evidencing such payments. Borrower shall pay when due any encumbrance, charge and lien, with interest in accordance with its terms, on the Property or any portion which are inferior or superior to this Deed of Trust.
3. Hazard Insurance. Borrower shall keep the improvements now existing or hereafter erected on the Property insured against loss by fire or hazards under a policy approved by Lender and which provides "special form" coverage in an amount at least equal to the replacement value of the structure. In addition, Borrower shall insure against loss of all furniture, equipment and other personal property owned by Borrower related to Borrower's operation of the Property.

The insurance carrier providing the insurance shall be chosen by Borrower subject to approval by Lender; provided, that such approval shall not be unreasonably withheld. All premiums on insurance policies shall be paid by Borrower making payment, when due, directly to the insurance carrier, or in a manner agreed to by the Lender.

All insurance policies and policy renewals shall be written with loss payable to the Lender. Lender shall have the right to hold the policies and policy renewals, and Borrower shall promptly furnish to Lender all renewal notices and all receipts of paid premiums. In the event of loss, Borrower shall give prompt notice to the insurance carrier and Lender. Lender may make proof of loss if not made promptly by Borrower.

Unless Lender and Borrower otherwise agree in writing, insurance proceeds shall be applied to restoration or repair of the Property damaged, provided such restoration or repair is economically feasible and the

security of this Deed of Trust is not hereby impaired. If such restoration or repair is not economically feasible or if the security of this Deed of Trust would be impaired, the insurance proceeds shall be applied to repay the sums secured by this Deed of Trust.

Unless Lender and Borrower otherwise agree in writing, any such application of insurance proceeds to principal shall not extend or postpone the due date of any payment or change the amount of such payment. If under Section 17, the Property is acquired by Lender, all right, title and interest of Borrower in and to any insurance policies and proceeds of such policies resulting from damage to the Property prior to the sale of acquisition shall pass to Lender to the extent of the sums secured by this Deed of Trust immediately prior to such sale or acquisition.

4. Liability Insurance. Borrower shall maintain premises liability insurance for the Property in a form and coverage approved by Lender. The insurance carrier shall be chosen by the Borrower subject to approval by the Lender; provided, that such approval shall not be unreasonably withheld. All premiums shall be paid by Borrower. Lender shall be named as an additional insured.

5. Preservation and Maintenance of Property. Borrower shall keep the Property in good repair and shall not commit waste or permit impairment, demolition, or deterioration of the Property.

6. Protection of Lender's Security. Borrower shall appear in and defend any action or proceeding purporting to affect the security under this Deed of Trust or the rights of the Lender. If Borrower fails to perform the covenants and agreements contained in this Deed of Trust, or if any action or proceeding is commenced which materially affects Lender's interest in the Property, including, but not limited to, foreclosure, involuntary sale, eminent domain, insolvency, code enforcement, or arrangements or proceedings involving a bankrupt or decedent, then Lender, at Lender's option, upon notice to Borrower, may make such appearances, disburse such sums and take such action as is necessary to protect Lender's interest, including, but not limited to, disbursement of reasonable attorney's fees and entry upon the Property to make repairs.

Any amounts disbursed by Lender pursuant to this Section, with interest, shall become additional indebtedness of Borrower secured by this Deed of Trust. Unless Borrower and Lender agree to other terms of payment, such amounts shall be payable upon notice from Lender to Borrower requesting payment, and shall bear interest from the date of disbursement at the highest rate permissible under applicable law. Nothing contained in this Section shall require Lender to incur any expense or take any action.

7. Inspection. Lender may make or cause to be made reasonable entries upon and inspections of the Property, provided that Lender shall give Borrower and occupants notice prior to any such inspection.

8. Condemnation. The proceeds of any award or claim for damages, direct or consequential, in connection with any condemnation or other taking of all or any part of the Property, or for conveyance in lieu of condemnation, are hereby assigned and shall be paid to Lender. In the event of a taking of all of the Property, the proceeds shall be applied to the sums secured by this Deed of Trust, subject to any claims of prior lienholders, with the excess, if any, paid to junior lienholders and Borrower, as they may determine. In the event of the partial taking of the Property, unless Borrower and Lender otherwise agree in writing, and subject to any claims of prior lienholders, there shall be applied to the sums secured by this Deed of Trust such proportion of the proceeds as is equal to that proportion which the amount of the sums secured by this Deed of Trust immediately prior to the date of taking bears to the fair market value of the Property immediately prior to the date of taking, with the balance of the proceeds paid to junior lienholders and Borrower, as they may determine.

If the Property is abandoned by Borrower, or if, after notice by Lender to Borrower that the condemnor offers to make an award or settle a claim for damages, Borrower fails to respond to Lender within 30 days after the date such notice is mailed, Lender is authorized to collect and apply the proceeds, at Lender's option, either to restoration or repair of the Property or to the sums secured by this Deed of Trust.

Unless Lender and Borrower otherwise agree in writing, any such application of proceeds to principal shall not extend or postpone the due date of any payment or change the amount of such payment.

9. Borrower Not Released. Extension of the time for payment of the sums secured by this Deed of Trust granted by Lender to Borrower or any successor in interest of Borrower shall not operate to release, in any manner, the liability of the original Borrower and Borrower's successors in interest. Lender shall not be required to commence proceedings against such successor or refuse to extend time for payment by reason of any demand made by the original Borrower or Borrower's successors in interest.

10. Forbearance by Lender Not a Waiver. Any forbearance by Lender in exercising any right or remedy hereunder, or otherwise afforded by applicable law, shall not be a waiver or preclude the exercise of any such right or remedy. The procurement of insurance or the payment of taxes or other liens or charges by Lender shall not be a waiver of Lender's right to accelerate the maturity of the indebtedness secured by this Deed of Trust.

11. Remedies Cumulative. All remedies provided in this Deed of Trust are distinct and cumulative to any other right or remedy under this Deed of Trust, the Note, the Loan Agreement or afforded by law or equity, and may be exercised concurrently, independently or successively.

12. Successors and Assigns Bound; Joint and Several Liability; Captions. The covenants and agreements contained in this Deed of Trust shall bind, and the rights under this Deed of Trust shall inure to, the respective successors and assigns of Lender and Borrower. All covenants and agreements of Borrower shall be joint and several. The captions and headings of the paragraphs of this Deed of Trust are for convenience only and are not to be used to interpret or to define its provisions.

13. Notice. Except for any notice required under applicable law to be given in another manner, (a) any notice to Borrower provided for in this Deed of Trust shall be given by mailing such notice by certified mail addressed to Borrower at the address above, or at such other address as Borrower may designate by notice to Lender and (b) any notice to Lender shall be given by certified mail, return receipt requested, to Lender's address stated above or to such other address as Lender may designate by notice to Borrower. Any notice provided for in this Deed of Trust shall be deemed to have been given to Borrower or Lender when given in the manner designated.

14. Governing Law; Severability. This Deed of Trust shall be governed by the laws of the State of California. In the event that any provision or clause of this Deed of Trust or the Note conflicts with applicable law, such conflict shall not affect other provisions of this Deed of Trust or the Note which can be given effect without the conflicting provision, unless expressly stated otherwise, and to this end the provisions of the Deed of Trust and the Note are declared to be severable.

15. Borrower's Copy. Borrower shall be furnished a conformed copy of the Note, the Loan Agreement and this Deed of Trust at the time of execution or after recordation hereof.

16. Transfer or Refinancing of the Property; Assumption. If all or any part of the Property or an interest in the Property is sold or transferred or refinanced by Borrower without Lender's prior written consent, Lender may, at Lender's option, declare all the sums secured by this Deed of Trust to be immediately due and payable. Lender shall have waived such option to accelerate if, prior to the refinancing, sale or transfer, Lender and the person to whom the Property is to be sold or transferred reach agreement in writing that the loan may be assumed. If Lender has waived the option to accelerate provided in this Section and if Borrower's successor in interest has executed a written assumption agreement accepted in writing by Lender, Lender shall release Borrower from all obligations under this Deed of Trust, the Note and the Loan Agreement.

If Lender exercises such option to accelerate, Lender shall mail Borrower notice of acceleration. Such notice shall provide a period of not less than 30 days from the date the notice is mailed, within which Borrower may pay the sums declared due. If Borrower fails to pay such sums prior to the expiration of such period, Lender may, without further notice or demand on Borrower, invoke any remedies permitted by Section 17.

17. Acceleration; Remedies. Except as provided in Section 16, upon Borrower's breach of any covenant or agreement of Borrower in this Deed of Trust, the Note or the Loan Agreement (including the covenants to pay when due any sums secured by this Deed of Trust and restricting transfer of the Property), Lender shall mail notice to Borrower specifying: (1) the breach; (2) the action required to cure such breach; (3) a date, no less than 30 days from the date the notice is mailed to Borrower, by which the breach must be cured; and (4) that failure to cure such breach on or before the date specified in the notice may result in acceleration of the sums secured by this Deed of Trust and sale of the Property. If the breach is not cured on or before the date specified in the notice, Lender, at Lender's option, may declare all of the sums secured by this Deed of Trust to be immediately due and payable without further demand and may invoke the power of sale and any other remedies permitted by applicable law. Lender shall be entitled to collect from the Borrower, or sale proceeds, if any, all reasonable costs and expenses incurred in pursuing the remedies provided in this Section, including, but not limited to, reasonable attorney's fees.

If Lender invokes the power of sale, Lender shall execute or cause Trustee to execute a written notice of the occurrence of an event of default and of Lender's election to cause the Property to be sold and shall cause such notice to be recorded in each county in which any portion of the Property is located. Lender or Trustee shall mail copies of such notice in the manner prescribed by applicable law to Borrower and to the other persons prescribed by applicable law. Trustee shall give public notice of sale to the persons and in the manner prescribed by applicable law. After the lapse of such time as may be required by applicable law, Trustee, without demand on Borrower, shall sell the Property at public auction to the highest bidder at the time and place and under the terms designated in the notice of sale, in one or more parcels and in such order as Trustee may determine. Trustee may postpone sale of all or any parcel of the Property by public announcement at the time and place of any previously scheduled sale. Lender or Lender's designee may purchase the Property at any sale.

Trustee shall deliver to the purchaser a Trustee's deed conveying the Property so sold without any covenant or warranty, express or implied. The recitals in the Trustee's deed shall be conclusive evidence of the truth of the statements contained in the recitals. Trustee shall apply the proceeds of the sale in the following order: (a) to all reasonable costs and expenses of the sale, including, but not limited to, reasonable Trustee's and attorney's fees and costs of title evidence; (b) to all sums secured by this Deed of Trust and (c) the excess, if any, to the person or persons legally entitled thereto as determined by Lender. In the event of a dispute regarding the excess funds, either Lender or Trustee may file an action in interpleader to determine who shall receive the funds and may then deposit the excess funds with the court.

18. Assignment of Rents; Appointment of Receiver; Lender in Possession. As additional security, Borrower assigns to Lender the rents of the Property, provided that Borrower shall, prior to acceleration under Section 16 or Section 17 or abandonment of the Property, have the right to collect such rents as they become due.

Upon acceleration under Section 16 or Section 17 or abandonment of the Property, Lender, in person, by agent or by judicially appointed receiver, shall be entitled to enter upon, take possession of and manage the Property and to collect the rents of the Property, including those past due. All rents collected by Lender or the Receiver shall be applied first to payment of the costs of management of the Property and collection of rents, including, but not limited to receiver's fees, premiums on receiver's bonds and reasonable attorney's fees, and then to the sums secured by this Deed of Trust. Lender and the receiver shall be liable to account only for those rents actually received. The provisions of this Section, Section 16 and Section 17 shall operate subject to the claims of prior lienholders.

19. Operational Covenants and Permitted Use Restrictions. The permitted use of the Property under this Deed of Trust shall be only for Borrower's operation of a permanent supportive housing facility providing housing and support services for six adults transitioning from homelessness to self-sufficiency. Borrower shall cooperate with Lender in entering into and adhering to the terms of a memorandum of understanding or similar agreement with Lender, a neighborhood association or similar neighborhood or municipal entity designated by Lender, in order to facilitate continued positive relationships between Borrower and its neighbors and to support the continuing success of the program operated by Borrower at the Property. Any change in use or cessation of such permanent supportive housing and support services or other failure of compliance with the requirements of this paragraph will constitute a material default of this Deed of Trust and shall give rise to Lender's right to invoke any and all remedies available at law or in equity, including but not limited to the remedies provided in Section 17 or Section 18 above.

20. Reconveyance. Upon payment of all sums secured by this Deed of Trust, Lender shall request Trustee to reconvey the Property and shall surrender this Deed of Trust and all notes evidencing indebtedness secured by this Deed of Trust to Trustee. Trustee shall reconvey the Property without warranty and without charge to the person or persons legally entitled to such reconveyance. Such person or persons shall pay all costs of recordation, if any. The recitals, in the reconveyance, of any matters or facts shall be conclusive evidence of the truth of the statements contained in the recitals.

21. Substitute Trustee. Lender, at Lender's option, may from time to time remove Trustee and appoint a successor trustee to any Trustee appointed under this Deed of Trust. Without conveyance of the Property, the successor trustee shall succeed to all the title, power and duties conferred upon the Trustee by this Deed of Trust and applicable law.

22. Request for Notice. Borrower requests that copies of the notice of default and notice of sale be sent to Borrower's address.

23. Statement of Obligation. Lender may collect a reasonable fee for furnishing the statement of obligation as provided by Section 2943 of the Civil Code of California, as it may be amended from time to time.

24. Use of Property. Borrower shall not permit or suffer the use of any of the Property for any purpose other than the use for which the same was intended at the time this Deed of Trust was executed.

[Signatures Next Page]

IN WITNESS WHEREOF, Borrower has executed this Deed of Trust.

BENEFICIARY:

CITY OF ROSEVILLE, a municipal corporation

By: _____
Dominick Casey
City Manager

ATTEST:

Sonia Orozco
City Clerk

BORROWER:

THE LAZARUS PROJECT, INC.,
a California nonprofit corporation:

By: 
Its: Betsy Donovan, President/Chairperson

and

By: 
Its: Bobbi Donovan, Secretary

(Notarization required)

EXHIBIT A

LEGAL DESCRIPTION OF THE PROPERTY

The land described herein is situated in the State of California, County of Placer, City of Roseville, and is described as follows:

Lot 7150 of Los Cerritos Addition filed for record April 24, 1908, in Book C of Maps, at Page 1, in the Office of the Placer County Recorder.

APN: 011-134-021-000

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)

County of Sacramento)

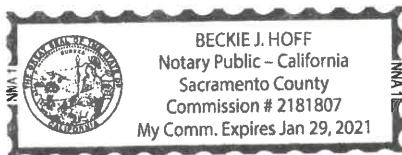
On march 19, 2020 before me, Beckie J. Hoff, Notary Public
Date Here Insert Name and Title of the Officer

personally appeared Betsy Donovan and Bobbi Donovan
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Beckie J. Hoff
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Amended and Restated Deed of Trust

Document Date: 3/19/20 Number of Pages: _____

Signer(s) Other Than Named Above: —

Capacity(ies) Claimed by Signer(s)

Signer's Name: Betsy Donovan

☒ Corporate Officer — Title(s): President

☐ Partner — ☐ Limited ☐ General Chairperson

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: The Lazarus

Project

Signer's Name: Bobbi Donovan

☒ Corporate Officer — Title(s): Secretary

☐ Partner — ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: The Lazarus

Project



COUNCIL COMMUNICATION

CC #: 0709
File #: 1006-01

Title: United States Postal Service - Lease Amendment Extension
Contact: Wayne Wiley 916-774-5283 wwiley@roseville.ca.us

Meeting Date: 4/15/2020
Item #: 6.13.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt a resolution authorizing the City Manager to execute a Lease Amendment Extension for a 90-day extension (from May 1, 2020 to July 31, 2020) for the United States Postal Service.

BACKGROUND

The United States Postal Service (USPS) lease of 330 Vernon Street is due to expire on April 30, 2020. In an effort to maintain a post office presence Downtown, staff responded to the USPS Request for Proposals. At this time, staff is waiting to hear back from the USPS regarding their decision. Therefore, staff requests an extension of the existing lease term by 90 days (May 1, 2020 to July 31, 2020). This 90-day extension allows sufficient time for the USPS to remain operational, while finalizing plans for a new site. The proposed extension will only extend the lease dates and no other terms of the agreement will change.

FISCAL IMPACT

With the proposed lease extension the City will continue to collect rent based on a rate of \$121,554 per year, prorated at approximately \$10,130 per month. There is no additional fiscal impact associated with this action and adopting the resolution will not impact the General Fund.

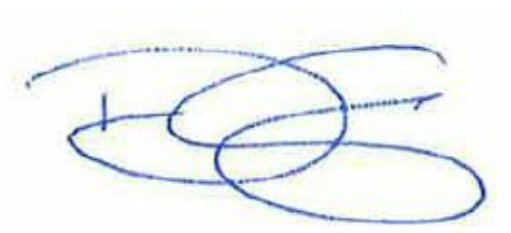
ENVIRONMENTAL REVIEW

The proposed project involves the leasing of an existing facility. This activity is categorically exempt from CEQA as a Class 1 Exemption (State CEQA Guidelines Section 15301). The Exemption has been prepared and no further CEQA action is required.

Respectfully Submitted,

Wayne Wiley, Economic Development Manager

Laura Matteoli, Economic Development Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 20-115

Attachment 1 - Lease Extension

RESOLUTION NO. 20-115

APPROVING A LEASE AMENDMENT EXTENSION, BY AND BETWEEN
THE CITY OF ROSEVILLE AND THE UNITED STATES POSTAL SERVICE AND
AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF
THE CITY OF ROSEVILLE

WHEREAS, a Lease Amendment Extension for the property located at 330 Vernon Street in Roseville, California, by and between the City of Roseville and the United States Postal Service, has been reviewed by the Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said lease amendment extension is hereby approved and that the City Manager is authorized to execute it on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



Lease Amendment Lease Extension

Facility Name/Location

VERNON RETAIL STATION (056624-009)
330 VERNON ST, ROSEVILLE, CA 95678-9998

Amendment No: 002

Lease: QG0000349667

This refers to the Lease accepted by the United States Postal Service, hereinafter called the Postal Service, under date of 04/09/2010, whereby there is leased to the Postal Service the above-described facility.

WHEREAS, the Postal Service desires and Landlord is willing to extend said Lease as specified below;

NOW THEREFORE, in consideration of the mutual covenants and agreements herein set forth, and for other good and valuable consideration, the sufficiency of which is hereby acknowledged, the parties do hereby agree as follows:

To extend the terms and conditions of the said Lease, as the same may have been modified or amended, for a fixed term basis beginning 05/01/2020 and ending 07/31/2020 at an annual rental of \$121,554.00.

In all other respects, the Lease shall remain the same and is hereby confirmed.



Lease Amendment Lease Extension

EXECUTED BY LANDLORD this _____ day of _____, _____.

GOVERNMENTAL ENTITY

By executing this Lease Amendment, Landlord certifies that Landlord is not a USPS employee or contract employee (or an immediate family member of either), or a business organization substantially owned or controlled by a USPS employee or contract employee (or an immediate family member of either).

Name of Governmental Entity: CITY OF ROSEVILLE

Name & Title

Name & Title

Name & Title

Name & Title

Name & Title

Name & Title

Name & Title

Name & Title

Landlord's Address: _____

Zip+4 _____

Landlord's Telephone Number(s): _____

Federal Tax Identification No.: _____

Witness

Witness

- a. Where the Landlord is a governmental entity or other municipal entity, the Lease must be accompanied by documentary evidence affirming the authority of the signatory(ies) to execute the Lease to bind the governmental entity or municipal entity for which he (or they) purports to act.
- b. Any notice to Landlord provided under this Lease or under any law or regulation must be in writing and submitted to Landlord at the address specified above, or at an address that Landlord has otherwise appropriately directed in writing. Any notice to the Postal Service provided under this Lease or under any law or regulation must be in writing and submitted to "Contracting Officer, U.S. Postal Service" at the address specified below, or at an address that the Postal Service has otherwise directed in writing.

ACCEPTANCE BY THE POSTAL SERVICE

Date: _____

Joseph D Lowe
Contracting Officer

Signature of Contracting Officer

FACILITIES REAL ESTATE AND ASSET MANAGEMENT PO BOX 27497, GREENSBORO, NC 27498-0000
Address of Contracting Officer



COUNCIL COMMUNICATION

CC #: 0696

File #: 0800-04 & 0201-01

Title: Local Road Safety Plan - Budget Adjustment

Contact: Jana Cervantes 916-774-5498 jcervantes@roseville.ca.us

Meeting Date: 4/15/2020

Item #: 6.14.

RECOMMENDATION TO COUNCIL

Staff recommends the City Council adopt an ordinance to approve a budget adjustment in the amount of \$90,000 for the development of a Local Road Safety Plan for the City of Roseville.

BACKGROUND

Staff was recently successful in securing \$72,000 in grant funding for the development of a City of Roseville Local Roadway Safety Plan (LRSP) through the Highway Safety Improvement Program (HSIP).

At their March 18, 2020 meeting, Council approved a resolution authorizing the City Manager to execute a supplemental agreement with the California Department of Transportation to accept the grant funding.

The development of an LRSP will provide the framework for local stakeholders to identify, analyze, and prioritize roadway safety improvements within the City. The plan will identify goals, objectives, and strategies to reduce collisions focusing most importantly on reducing fatalities and the most serious injury collisions. In addition, development of an LRSP will be a requirement for some future State and Federal transportation safety grant applications staff may want to pursue for various transportation projects in the future.

The attached budget adjustment is needed to budget the \$72,000 state grant for the project and to provide \$18,000 in matching funds from the Highway User Tax Fund (state gas tax).

FISCAL IMPACT

The development of the LRSP will cost approximately \$90,000 and includes staff time to manage the project, with \$72,000 coming from state grant funding and \$18,000 from the Highway User Tax Fund. No General Fund resources will be used for the project.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. A budget adjustment meets the above criteria and is not subject to CEQA. No additional environmental review is required.

Respectfully Submitted,

Jana Cervantes, Senior Engineer

Jason Shykowski, Public Works Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Ordinance No. 6210

Budget Adjustment

ORDINANCE NO. 6210

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE
AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2019-20
BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY
EFFECTIVE AS AN APPROPRIATION MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. The City of Roseville Annual Budget, Fiscal Year 2019-20, is hereby amended by transferring appropriation to and from the activities indicated below:

Appropriate funds for the Local Road Safety Plan, per request of the Public Works Department, as listed on the attached Request for Budget Adjustment in the amount of \$18,000.

SECTION 2. This ordinance is hereby declared to be an appropriation measure, immediately effective pursuant to the provisions of Section 5.03 of the Charter.

SECTION 3. The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the ordinance book, under the record of the ordinance, a certificate under her hand stating the time and place of such publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville, this
_____ day of _____, 2019, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



REQUEST FOR BUDGET ADJUSTMENT

REQUESTER NAME & TITLE: Jana Cervantes, Senior Engineer FISCAL YEAR: 2020
 PREPARER NAME & TITLE: Jana Cervantes, Senior Engineer COUNCIL DATE (if applicable): 4/15/20
 DEPARTMENT/DIVISION: Public Works/Engineering ORDINANCE: _____

EXPENDITURES/EXPENSES/TRANSFERS OUT Use of Funds

ACCOUNT STRING				BUDGET (\$)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
2305	5301	84001	700015	80,000	Professional Services
2305	5080	84001	700015	10,000	Staff Time
TOTAL				90,000	

REVENUES/TRANSFERS IN Source of Funds

ACCOUNT STRING				BUDGET (\$)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
2305	4410	84001		72,000	Grant Reimbursement
TOTAL				72,000	

NET ADJUSTMENT	18,000
----------------	--------

FUND BALANCE

ACCOUNT STRING				BUDGET (\$)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
2305				18,000	Reduce Available Resources
TOTAL				18,000	

Justification for Budget Adjustment:

This budget adjustment of \$90,000 is recommended to begin the development of a Local Road Safety Plan (LRSP) which is required by Caltrans to apply for transportation safety grants. \$72,000 is reimbursable funds from a Caltrans Grant; the remaining \$18,000 will come from Available Resources. Based upon solicited proposals, the estimated cost is \$90,000.

REQUIRED APPROVALS:

	<u>3-18-20</u> DATE		DATE
REQUESTING DEPARTMENT HEAD / DESIGNEE	DATE	BUDGET MANAGER / DESIGNEE	DATE
CHIEF FINANCIAL OFFICER / DESIGNEE	DATE	CITY MANAGER / DESIGNEE	DATE
BUDGET DEPARTMENT USE ONLY:			
POSTED BY	DATE		

Revised: June 24, 2019



COUNCIL COMMUNICATION

CC #: 0686

File #: 0709-02-01

Title: Housing Authority Status Report - Housing Choice Voucher Program

Contact: Suzanne Acrell 916-774-5469 sacrell@roseville.ca.us

Meeting Date: 4/15/2020

Item #: 6.15.

RECOMMENDATION TO COUNCIL

The City Council, acting as the Roseville Housing Authority Board, is not required to take any action on this item. This quarterly report is for informational purposes only.

BACKGROUND

Quarterly Report

Pursuant to the bylaws of the Roseville Housing Authority, the City Council, acting as the Board of Directors for the Housing Authority, holds its quarterly meeting the first Wednesday of March, June, September, and December, or as soon as possible thereafter. Staff has prepared the following status report regarding lease-up activity for the Housing Choice Voucher (HCV) Program. The HCV Program provides income-qualified households in Roseville and Rocklin with rental assistance using funding from the US Department of Housing and Urban Development (HUD). This assistance is utilized at rental units that meet program specific housing standards, are owned by a willing landlord, and are within Roseville or Rocklin city limits. This rental assistance ensures that the household is able to afford to live in safe and decent housing.

The RHA implemented the HUD-required Small Area Fair Market Rents (SAFMRs) starting February 1, 2018. Staff is monitoring the effects of these higher SAFMRs, which results in a higher cost per voucher to the Housing Authority. There are 523 RHA vouchers being utilized in Roseville, 119 RHA vouchers being utilized in Rocklin, and 3 in other jurisdictions (approved transfers out of the area).

The RHA is now authorized to provide 702 households with HCV rental assistance. This total includes 75 vouchers allocated specifically for families on the waiting list with a head-of-household or spouse that are non-elderly and disabled (NED vouchers), 40 Veterans Affairs Supportive Housing (VASH) vouchers used with veteran households that come by referral from the Veterans Affairs (VA) Department, and 25 Mainstream vouchers that assist households who have a non-elderly adult person with a disability and are transitioning out of institutional and other segregated settings, or are currently homeless or at risk of becoming homeless. The RHA was awarded its

first Mainstream vouchers (14 vouchers) in November 2018, and RHA began accepting pre-applications by direct referral December 24, 2018. The RHA applied for, and was awarded, an additional 11 vouchers effective January 2020 for a total of 25. Under the Mainstream Voucher Program, the RHA is required to lease up 80% of the 25 vouchers by January 2021. As of March 1, 2020, 21 vouchers are being utilized to house people who were homeless or at risk of being homeless.

The RHA was awarded its first VASH vouchers in October 2014 and continues to apply for additional vouchers as HUD makes more available. The Housing Division now has a total of 40 VASH vouchers being utilized to house veterans who were homeless or at risk of being homeless. The RHA also administers the Family Self-Sufficiency Program (FSS), which is a component of the HCV Program. The FSS Program provides assistance to families who are working to become free of all public assistance. The RHA currently has 28 families enrolled in this worth-while program, which is within its goal of 25-30 families.

Meta Housing, a developer of affordable housing, is constructing 65 new affordable units in Old Town Roseville. The project is anticipated to open in Fall of 2020. The RHA has committed 30 Project-Based vouchers to the 100% affordable housing project. Of the 30 vouchers, 11 will be regular vouchers (applicants will come from the HCV waiting list) and 19 will be VASH vouchers (applicants will come by VA referral). Project basing vouchers allows developers to secure necessary funding resulting in project feasibility and allows HCV participants increased housing opportunities not previously available.

As of December 31, 2019, 73 of the NED vouchers, 33 of the VASH vouchers, and 15 of the Mainstream vouchers were utilized. Below is a summary chart of voucher lease-up. The term "lease-up" refers to the number of families receiving rental assistance from RHA. Lease-up is tracked on a calendar-year basis. To be in compliance with HUD's regulations, the lease-up rate for a calendar year cannot exceed 100% of its allocation of vouchers (per voucher type), and the Housing Authority is required to be at least 95% leased up for its voucher allocation or utilizing at least 95% of its annual budget authority. Agencies leasing up 98% or more of its allocated vouchers can reach high-performing status. As of December 31, 2019, the lease-up rate for the regular vouchers was 90.6%; the rate for NED vouchers was 100.1%, the rate for VASH vouchers was 91%, and the rate for Mainstream vouchers was 32.1%. The RHA continues to meet the HUD program requirement for high-performing status through 100% expenditure of its annual budget allocation for the program.

This table provides a monthly summary of the RHA's voucher programs for calendar year 2019:

	Actual Lease-up of Regular	HUD Regular (562)	Actual Lease-up of Non-Elderly Disabled	HUD Non-Elderly Disabled (75)	Actual Lease-up of VASH	HUD VASH (35)	Actual Lease-up of Main stream	HUD Main stream (14)
January 2019	511	562	75	75	29	35	0	14
February 2019	512	562	74	75	29	35	0	14
March 2019	510	562	72	75	31	35	0	14
April 2019	510	562	75	75	31	35	1	14
May 2019	510	562	76	75	32	35	2	14

June 2019	511	562	76	75	32	35	2	14
July 2019	508	562	77	75	32	35	2	14
August 2019	504	562	77	75	32	35	4	14
September 2019	504	562	76	75	34	35	8	14
October 2019	507	562	75	75	34	35	6	14
November 2019	504	562	75	75	33	35	14	14
December 2019	517	562	73	75	33	35	15	14
YTD Total	6108	6744	901	900	382	420	54	168
YTD % Leased	90.6%		100.1%		91.0%		32.1%	

Senate Bill 329 went into effect January 1, 2020, which prohibited owners and managers of rental units in California from rejecting a renter's application simply due to utilizing a Housing Choice Voucher. Roseville Housing Authority has already welcomed numerous rental properties and new owners to the HCV program who previously did not participate in the rental assistance program. This has greatly expanded housing opportunities for HCV participants state-wide. RHA is grateful for its established and new community partners and continues efforts to build owner relationships and increase additional housing inventory.

FISCAL IMPACT

Estimates of total employment created can be based on expenditure data, consistent with guidance from the Council of Economic Advisers (CEA), a three-member council that analyzes and interprets economic developments, and advises the President of the United States on national economic policy.

Total employment not only includes direct and indirect jobs, but also induced jobs. CEA estimates that total employment is increased by one job-year for every \$92,000 in direct government spending. Based on this estimate, the HCV program will increase the economy by over 46 job years during the current fiscal year.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378.

The Roseville Housing Authority Quarterly Report meets the above criteria and is not subject to CEQA. No additional environmental review is required.

Respectfully Submitted,

Suzanne Acrell, Housing Analyst

Laura Matteoli, Economic Development Director



Dominick Casey, City Manager



COUNCIL COMMUNICATION

CC #: 0693
File #: 0400-07

Title: Amoruso Ranch Phase 1A (Large Lot) Final Map
Contact: Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

Meeting Date: 4/15/2020
Item #: 6.16.

RECOMMENDATION TO COUNCIL

It is recommended that the City Council take the following actions:

1. Approve the final map on file with the City Clerk but reject at this time, on behalf of the public, all irrevocable offers of land, rights of way and easements offered thereon; and approve the abandonment of the rights of way and easements listed thereon.

BACKGROUND

The Development Services - Engineering section has reviewed the subject final map and found that it is in compliance with the Subdivision Map Act and the City's Subdivision Ordinance and all conditions of the tentative map have been met.

This map will be creating 4 public right of way lots, 7 public park lots, 21 landscape lots, 16 open space lots, 3 public utility lots, 2 public sewer lift station lots, 1 public fire station lot, 1 public school site lot and 52 large lots for future development.

FISCAL IMPACT

There is no fiscal impact to the City's General Fund associated with this approval.

ENVIRONMENTAL REVIEW

Approval of the Amoruso Phase 1A final map is an action that is subject to California Environmental Quality Act (CEQA). Project level CEQA compliance for the Amoruso Phase 1A final map was accomplished with the preparation of the Amoruso Ranch Specific Plan (ARSP) Environmental Impact Report (EIR) and was certified by City Council on June 15, 2016 (SCH#2013102057). Because the Amoruso Phase 1A final map is consistent with the project evaluated in the Amoruso Ranch Specific Plan EIR, no new effects would be expected to occur.

and all applicable mitigation measures from the Amoruso Ranch Specific Plan EIR will be implemented. As such, no additional CEQA action is required at this time.

Respectfully Submitted,

Kerry Andrews, Assistant Engineer

Mike Isom, Development Services Director

A handwritten signature in blue ink, consisting of several overlapping loops and a horizontal stroke, positioned above a horizontal line.

Dominick Casey, City Manager

ATTACHMENTS:

Description

Amoruso 1A Large Lot Final Map

OWNER'S STATEMENT

THE UNDERSIGNED HEREBY CERTIFY THAT THEY ARE THE ONLY PERSONS HAVING ANY RECORD TITLE INTEREST IN THE REAL PROPERTY INCLUDED WITHIN THE BOUNDARIES OF THIS FINAL MAP OF "AMORUSO RANCH PHASE 1A" AS SHOWN UPON THIS MAP, AND DO HEREBY CONSENT TO THE PREPARATION AND RECORDING OF SAID MAP AND THAT THE CONSENT OF NO OTHER PERSON IS NECESSARY. WE HEREBY OFFER FOR DEDICATION AND DO HEREBY DEDICATE FOR SPECIFIC PURPOSES THE FOLLOWING:

THE REAL PROPERTY DESCRIBED BELOW IS IRREVOCABLY OFFERED AS AN EASEMENT FOR PUBLIC PURPOSES:

- A. PUBLIC EASEMENTS FOR THE INSTALLATION, CONSTRUCTION AND MAINTENANCE OF, BUT NOT LIMITED TO, WATER, SANITARY SEWER, GAS AND DRAINAGE PIPES; ELECTROLIERS, TRAFFIC CONTROL APPURTENANCES, AND FOR ELECTRIC, TELEVISION, AND TELEPHONE SERVICES, TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO, ON, OVER, UNDER AND ACROSS LOTS A, B, C AND D, AND LOTS 5, 11, 13, 22, 23, 34, 37, 40, 45, 55, 59, 69, 75, 84, 86, 87, 89, 90, 91, 94 AND 96, AND THOSE STRIPS OF LAND 10 FEET IN WIDTH, 23 FEET IN WIDTH, 35 FEET IN WIDTH AND 50 FEET IN WIDTH, SHOWN HEREON AND DESIGNATED AS "PUE" (PUBLIC UTILITY EASEMENT).
- B. PUBLIC EASEMENT FOR ACCESS, CONSTRUCTION, AND MAINTENANCE OF BIKE TRAIL FACILITIES ON, OVER, AND ACROSS LOTS 11, 61, 66, 91 AND 94, AND THOSE STRIPS OF LAND 23 FEET IN WIDTH SHOWN HEREON AND DESIGNATED "BTE" (BIKE TRAIL EASEMENT).
- C. PUBLIC EASEMENT FOR INSTALLATION AND MAINTENANCE OF A BUS SHELTER TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER AND ACROSS THOSE STRIPS OF LAND SHOWN HEREON AND DESIGNATED "BUS SHELTER EASEMENT".
- D. PUBLIC EASEMENTS FOR THE INSTALLATION AND MAINTENANCE OF DRAINAGE PIPES, TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER, UNDER AND ACROSS LOTS 10, 11, 63 AND 68 SHOWN HEREON AND THOSE STRIPS OF LAND 81.00 FEET IN WIDTH SHOWN HEREON AND DESIGNATED "DE" (DRAINAGE EASEMENT).
- E. EASEMENTS FOR LANDSCAPING AND ALL APPURTENANCES PERTAINING THERETO LYING ON, OVER AND ACROSS THOSE STRIPS OF LAND 23 FEET IN WIDTH, THOSE STRIPS OF LAND 35 FEET IN WIDTH AND THOSE STRIPS OF LAND 50 FEET IN WIDTH, SHOWN HEREON AND DESIGNATED "LE" (LANDSCAPING EASEMENT)

THE REAL PROPERTY DESCRIBED BELOW IS IRREVOCABLY OFFERED IN FEE FOR PUBLIC PURPOSES:

- A. LOT A, LOT B, LOT C AND LOT D, AS PUBLIC RIGHT-OF-WAY.
- B. LOTS 5, 11, 13, 22, 23, 34, 37, 40, 45, 55, 59, 69, 75, 84, 86, 87, 89, 90, 91, 94 AND 96 FOR RIGHT-OF-WAY, PUBLIC PASEOS AND LANDSCAPING.
- C. LOTS 3, 17, 26, 31, 51, 57 AND 65, AS PUBLIC PARKS.
- D. LOTS 6, 7, 8, 9, 10, 20, 21, 54, 61, 62, 63, 66, 70, 71, 95 AND 97, AS PUBLIC OPEN SPACE.
- E. LOT 76 FOR PUBLIC FIRE STATIONS.
- F. LOT 99 FOR PUBLIC RECYCLING.
- G. LOTS 4 AND 64 FOR PUBLIC SEWER LIFT STATIONS.
- H. LOT 72 FOR FUTURE COMMUNITY FACILITIES PURPOSES.
- I. LOT 98 FOR WATER DISTRIBUTION FACILITIES.

THE REAL PROPERTY DESCRIBED BELOW IS RESERVED FOR PUBLIC PURPOSES:

- A. LOT 85 IS HEREBY RESERVED TO BE DEDICATED IN FEE IN THE FUTURE AS A PUBLIC SCHOOL SITE.

ANGELA EISENPRESS, SUCCESSOR TRUSTEE OF THE AMORUSO FAMILY LIVING TRUST DATED MARCH 14, 2005

BY: _____

NAME: _____

TITLE: _____

BROOKFIELD SACRAMENTO HOLDINGS, LLC, A DELAWARE LIMITED LIABILITY COMPANY

BY: _____

NAME: _____

TITLE: _____

FINAL MAP OF SUBDIVISION No. PL18-0345
AMORUSO RANCH PHASE 1A
ALL THE LANDS OF THAT FINAL MAP OF AMORUSO RANCH PHASE 1
RECORDED IN BOOK EE OF MAPS, AT PAGE 51
TOGETHER WITH RESULTANT PARCEL 1 OF DOC-2016-0036474
LYING WITHIN SECTIONS 11 AND 14, T. 11 N., R. 5 E. M.D.B.M.
CITY OF ROSEVILLE COUNTY OF PLACER STATE OF CALIFORNIA



APRIL 2020

Sheet 1 of 28

3651.002

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA }
COUNTY OF _____ } SS

ON _____ DAY OF _____, 2020 BEFORE ME, _____,
A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, PERSONALLY APPEARED _____

_____ WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND AND OFFICIAL SEAL: _____

PRINTED NAME: _____

MY PRINCIPLE PLACE OF BUSINESS IS IN THE COUNTY OF: _____

MY COMMISSION EXPIRES: _____

MY COMMISSION No.: _____

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA }
COUNTY OF _____ } SS

ON _____ DAY OF _____, 2020 BEFORE ME, _____,
A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, PERSONALLY APPEARED _____

_____ WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND AND OFFICIAL SEAL: _____

PRINTED NAME: _____

MY PRINCIPLE PLACE OF BUSINESS IS IN THE COUNTY OF: _____

MY COMMISSION EXPIRES: _____

MY COMMISSION No.: _____

SURVEYOR'S STATEMENT

THIS FINAL MAP OF "AMORUSO RANCH PHASE 1A" WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCE AT THE REQUEST OF BROOKFIELD SUNSET, IN SEPTEMBER 2019. I HEREBY STATE THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO THE CONDITIONALLY APPROVED TENTATIVE MAP AND THAT ALL THE MONUMENTS SHOWN HEREON ARE OF THE CHARACTER AND OCCUPY THE POSITIONS INDICATED, OR THAT THEY WILL BE SET IN THOSE POSITIONS BEFORE CITY ACCEPTANCE OF THE IMPROVEMENTS REQUIRED BY THE APPROVED TENTATIVE MAP AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

WOOD RODGERS, INC.



DENNIS L. BARBER
P.L.S. 8067

DATE _____

CITY ENGINEER'S STATEMENT

I HEREBY STATE THAT I HAVE EXAMINED THIS FINAL MAP OF "AMORUSO RANCH PHASE 1A" AND FIND IT TO BE SUBSTANTIALLY THE SAME AS THE TENTATIVE MAP ON FILE AND ANY APPROVED ALTERATIONS THEREOF; THAT ALL PROVISIONS OF THE SUBDIVISION MAP ACT AND ALL APPLICABLE CITY ORDINANCES HAVE BEEN COMPLIED WITH.

MARC STOUT
CITY ENGINEER, CITY OF ROSEVILLE
R.C.E. #69879 EXPIRATION DATE 09/30/2020

DATE _____

I HEREBY STATE THAT I AM SATISFIED THAT THIS FINAL MAP OF "LARGE LOT MAP AMORUSO RANCH PHASE 1A" IS TECHNICALLY CORRECT.

FOR MARC STOUT, CITY ENGINEER, CITY OF ROSEVILLE

TIMOTHY G. BLAIR, P.L.S. 8278

DATE _____



CITY CLERK'S STATEMENT

I HEREBY STATE THAT THE CITY COUNCIL, CITY OF ROSEVILLE HAS APPROVED THIS FINAL MAP OF "AMORUSO RANCH PHASE 1A" AND HAS REJECTED AT THIS TIME, BUT RESERVES THE RIGHT TO ACCEPT AT A LATER DATE, ON BEHALF OF THE PUBLIC, ALL IRREVOCABLE OFFERS OF LAND, RIGHTS-OF-WAY, AND EASEMENTS OFFERED HEREON, IN ACCORDANCE WITH THE TERMS OF THOSE OFFERS AND HAS APPROVED THE ABANDONMENT OF THE IRREVOCABLE OFFERS OF DEDICATION FOR THE RIGHTS-OF-WAY AND PUBLIC UTILITY EASEMENTS LISTED WITHIN NOTE 5, ON SHEET 2, OF THIS MAP.

DATE _____

CITY CLERK, CITY OF ROSEVILLE

BY: _____
ASSISTANT CITY CLERK

RECORDER'S STATEMENT

FILED THIS _____ DAY OF _____, 2020, AT _____ M. IN BOOK _____ OF MAPS, AT PAGE _____, AT THE REQUEST OF WOOD RODGERS, INC

FEE: \$ _____

DOCUMENT NO.: _____

BY: _____
RYAN RONCO
COUNTY RECORDER
COUNTY OF PLACER

BY: _____
DEPUTY RECORDER

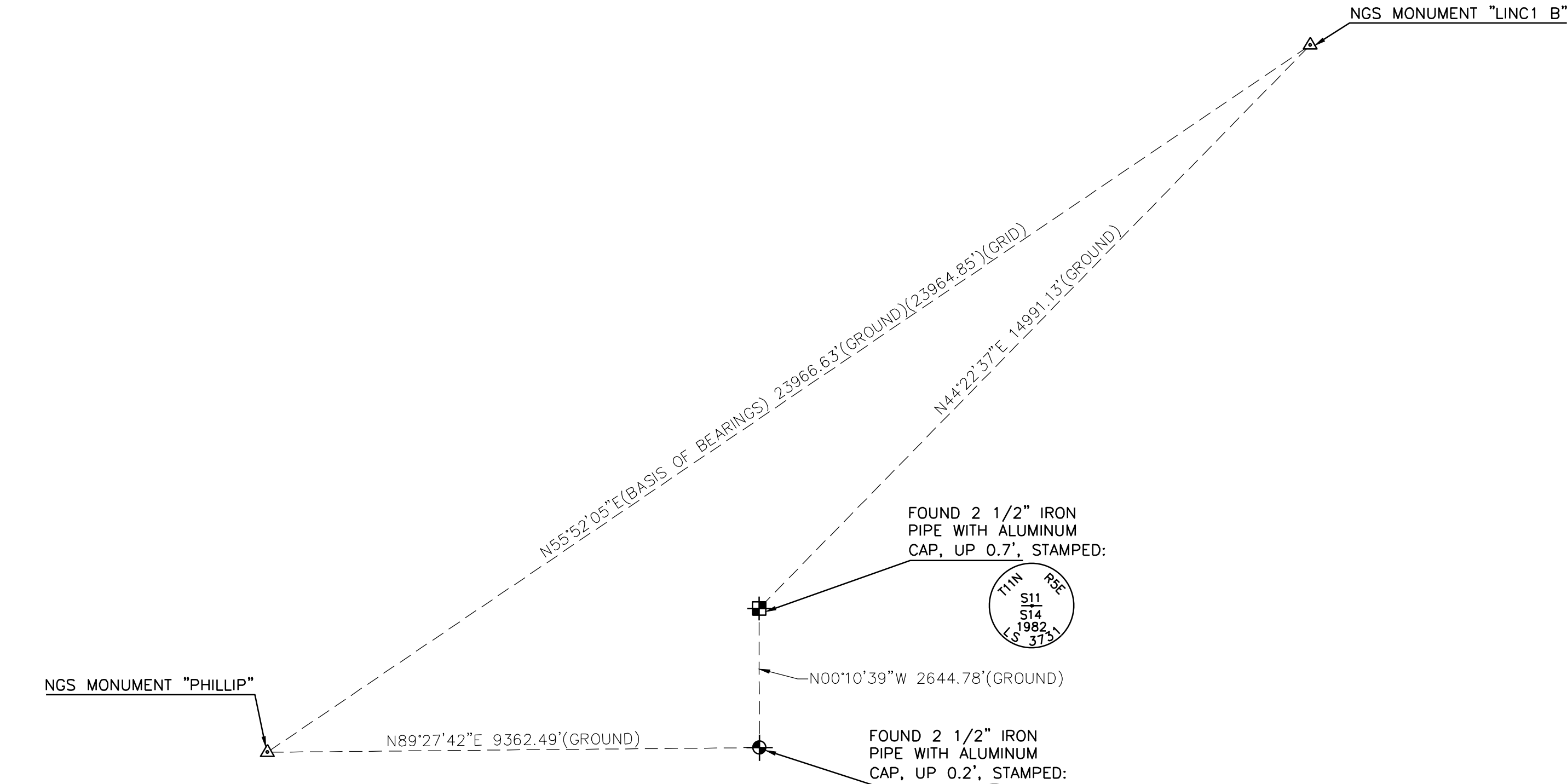
LEGEND

BTE	BIKE TRAIL EASEMENT
IOD	IRREVOCABLE OFFER OF DEDICATION
LE	LANDSCAPE EASEMENTS
LS	LANDSCAPING
ORPC	OFFICIAL RECORDS OF PLACER COUNTY
OS	OPEN SPACE
PS	PASEO
PM	BOOK OF PARCEL MAPS
PUE	PUBLIC UTILITY EASEMENT
RW	RIGHT-OF-WAY
RW/PS/LS	RIGHT-OF-WAY/PASEO/LANDSCAPING

	SECTION CORNER
	SECTION QUARTER CORNER
	SET 1" DIA X 18" LONG IRON PIPE TAGGED "LS 8067"
	SET 5/8" REBAR WITH CAP STAMPED "LS 8067"
	SET MONUMENT WELL WITH 3" BRASS CAP STAMPED "LS 8067"
	FOUND MONUMENT AS NOTED
	DIMENSION POINT – NOTHING FOUND OR SET
	THE NORTH 42' OF SECTION 11 WAS GRANTED IN FEE TO THE COUNTY OF PLACER PER BOOK 1123, PAGE 612, ORPC (SUNSET BOULEVARD)
	EXTERIOR BOUNDARY OF SUBJECT PROPERTY
	PARCEL LINES
	ROW/PUE LINES
	SECTION LINES

NOTES:

1. ALL CURVES DIMENSIONED WITH RADIUS, DELTA, ARC LENGTH, CHORD BEARING AND CHORD LENGTH. CHORD LENGTHS MAY CONTAIN SOME ROUNDING ERROR.
2. ALL DISTANCES SHOWN HEREON ARE EXPRESSED IN FEET AND DECIMALS THEREOF.
3. DUE TO ROUNDING, THE SUM OF THE INDIVIDUAL DIMENSIONS MAY NOT EQUAL THE OVERALL DIMENSION.
4. TOTAL AREA FOR THIS FINAL MAP OF "AMORUSO RANCH PHASE 1A" IS 674.406± AC. GROSS, CONSISTING OF 4 PUBLIC RIGHT-OF-WAY LOTS, 7 PUBLIC PARKS LOTS, 21 RIGHT-OF-WAY/PUBLIC/PASEO/LANDSCAPING LOTS, 16 PUBLIC OPEN SPACE LOTS, 3 PUBLIC UTILITY LOTS, 2 PUBLIC SEWER LIFT STATION LOTS, 1 PUBLIC FIRE STATION LOT, 1 PUBLIC SCHOOL LOT AND 52 PRIVATE FUTURE DEVELOPMENT LOTS.
5. PURSUANT TO SECTION 66434(g) OF THE GOVERNMENT CODE, THE FOLLOWING PUBLIC IRREVOCABLE OFFERS OF DEDICATION FOR RIGHT-OF-WAY (IOD/RW) AND PUBLIC UTILITY EASEMENTS (IOD/PUE) ARE HEREBY ABANDONED:
 - A. ALL OF THAT IOD/RW DEPICTED ON THAT MAP ENTITLED "AMORUSO RANCH PHASE 1 LARGE LOT SUBDIVISION" FILED IN BOOK EE OF MAPS, AT PAGE 51, ORPC, LYING WITHIN THE BOUNDARY OF THIS MAP AND NOT SHOWN HEREON.
 - B. ALL OF THAT IOD/PUE DEPICTED ON THAT MAP ENTITLED "AMORUSO RANCH PHASE 1 LARGE LOT SUBDIVISION" FILED IN BOOK EE OF MAPS, AT PAGE 51, ORPC, LYING WITHIN THE BOUNDARY OF THIS MAP AND NOT SHOWN HEREON.



BASIS OF BEARINGS STATEMENT

THE BASIS OF BEARINGS FOR THIS SURVEY IS CCS83(2010.00), AS MEASURED BETWEEN NGS STATIONS "PHILLIP" AND "LINC1 B". SAID BEARING IS TAKEN AS NORTH 55°52'05" EAST. DISTANCES SHOWN HEREON ARE GROUND VALUES, TO OBTAIN GRID DISTANCES, MULTIPLY GROUND DISTANCES BY A PROJECT SPECIFIC COMBINED SCALE FACTOR OF 0.9999252.

CERTIFICATE FOR DEDICATION

A) SUBDIVIDER DEDICATING PROPERTY:

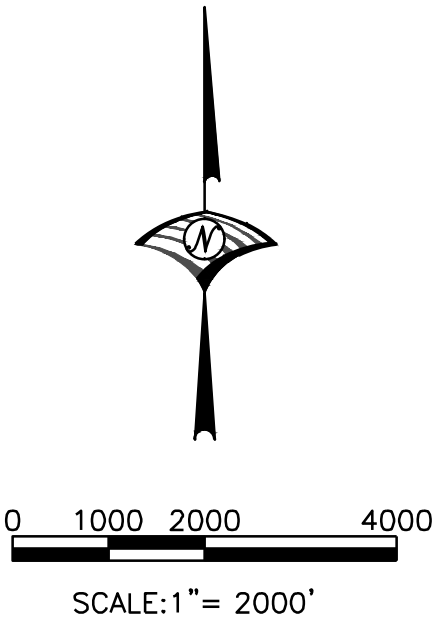
BROOKFIELD SACRAMENTO HOLDINGS, LLC, A DELAWARE LIMITED LIABILITY COMPANY

B) DESCRIPTIONS OF PROPERTY BEING DEDICATED:

- LOT A, LOT B, LOT C AND LOT D, AS PUBLIC RIGHT-OF-WAY.
- LOTS 5, 11, 13, 22, 23, 34, 37, 40, 45, 55, 59, 69, 75, 84, 86, 87, 89, 90, 91, 94 AND 96 FOR RIGHT-OF-WAY, PUBLIC PASEOS AND LANDSCAPING.
- LOT 76 FOR PUBLIC FIRE STATIONS.
- LOT 99 FOR PUBLIC RECYCLING.
- LOTS 4 AND 64 FOR PUBLIC SEWER LIFT STATIONS.
- LOT 72 FOR FUTURE COMMUNITY FACILITIES PURPOSES.
- LOT 98 FOR WATER DISTRIBUTION FACILITIES.

C) PUBLIC AGENCY STATEMENT:

PURSUANT TO SECTION 66477.5 OF THE SUBDIVISION MAP ACT THE CITY OF ROSEVILLE DOES HEREBY CERTIFY THE FOLLOWING: THAT UPON DETERMINATION THAT THE SAME PUBLIC PURPOSE FOR WHICH THE PROPERTY, DESCRIBED IN (B) ABOVE IS DEDICATED, NO LONGER EXIST, THE CITY OF ROSEVILLE WILL RECONVEY THE PROPERTY TO THE SUBDIVIDER, NAMED IN (A) ABOVE, OR THE SUCCESSOR IN INTEREST, EXCEPT FOR ALL OR ANY PORTION OF THE PROPERTY THAT IS REQUIRED FOR THE SAME PUBLIC PURPOSE OR PUBLIC UTILITIES.



FINAL MAP OF SUBDIVISION No. PL18-0345
AMORUSO RANCH PHASE 1A
ALL THE LANDS OF THAT FINAL MAP OF AMORUSO RANCH PHASE 1
RECORDED IN BOOK EE OF MAPS, AT PAGE 51
TOGETHER WITH RESULTANT PARCEL 1 OF DOC-2016-0036474
LYING WITHIN SECTIONS 11 AND 14, T. 11 N., R. 5 E. M.D.B.M.
CITY OF ROSEVILLE COUNTY OF PLACER STATE OF CALIFORNIA

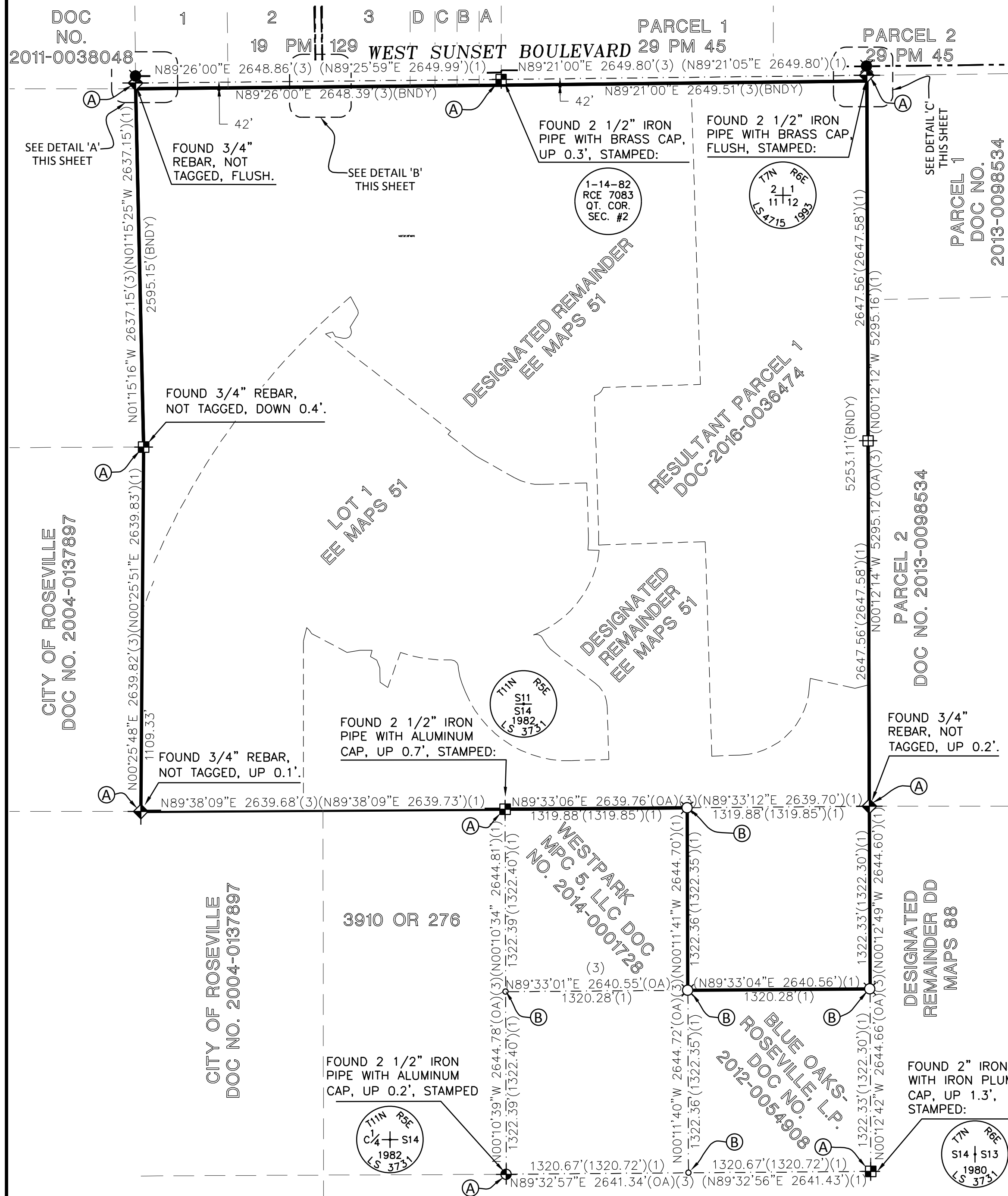
WOOD RODGERS
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
3301 C ST, BLDG. 100-B TEL 916.341.7760
SACRAMENTO, CA 95816 FAX 916.341.7767

APRIL 2020

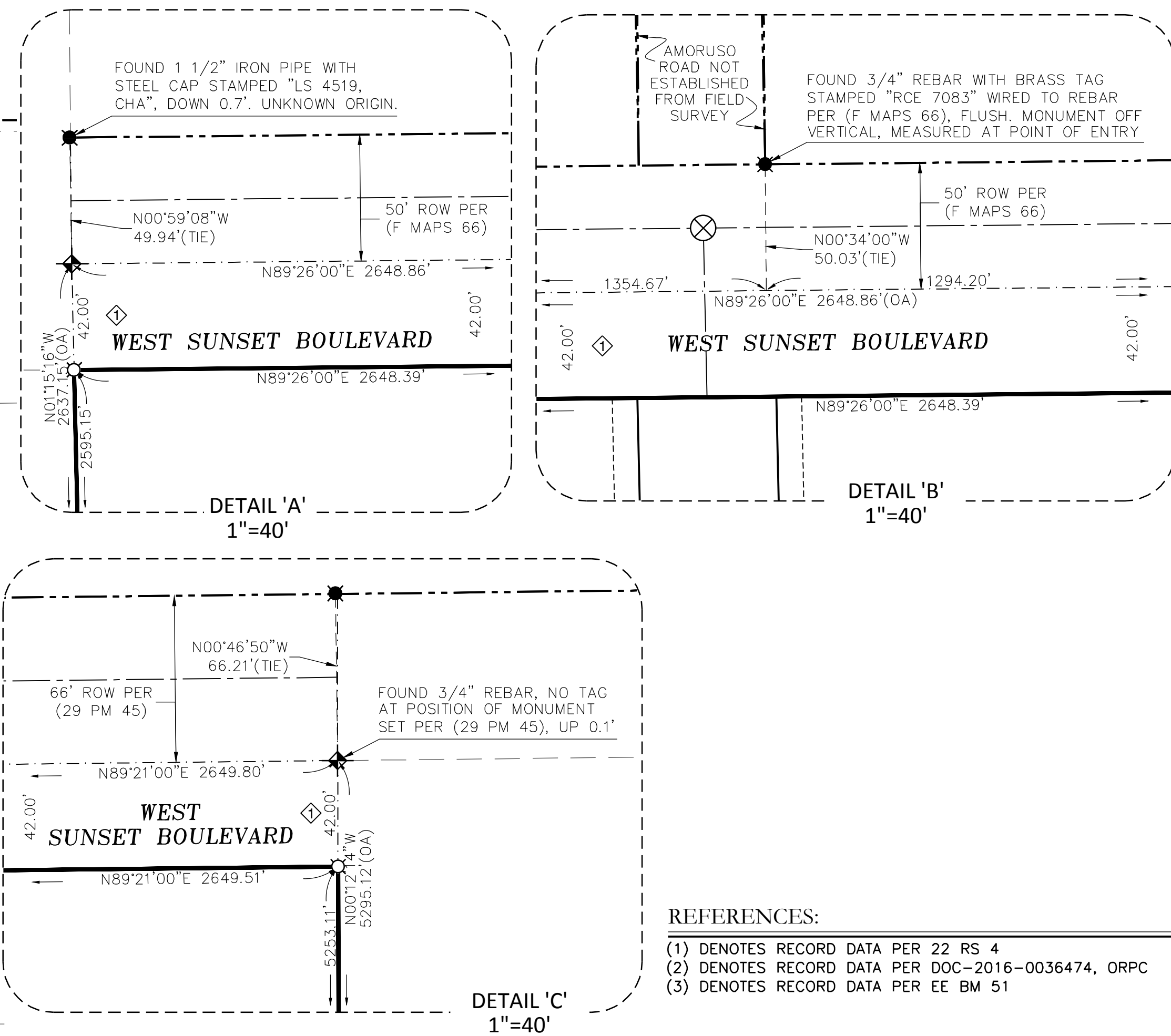
Sheet 2 of 28

3651.002

OVERALL BOUNDARY SHEET



SEE SHEET 2 FOR BASIS OF
BEARINGS, LEGEND AND NOTES



REFERENCES:

- (1) DENOTES RECORD DATA PER 22 RS 4
(2) DENOTES RECORD DATA PER DOC-2016-0036474, ORPO
(3) DENOTES RECORD DATA PER EE BM 51

CORNER DESCRIPTIONS

- (A) FOUND MONUMENT AS NOTED, ACCEPTED AS POSITION OF SECTION CORNER/QUARTER CORNER AS SHOWN ON 22 RS 4
- (B) CORNER ESTABLISHED PER RULES OF SUBDIVISION OF SECTION

FINAL MAP OF SUBDIVISION No. PL18-0345
AMORUSO RANCH PHASE 1A
 ALL THE LANDS OF THAT FINAL MAP OF AMORUSO RANCH PHASE 1
 RECORDED IN BOOK EE OF MAPS, AT PAGE 51
 TOGETHER WITH RESULTANT PARCEL 1 OF DOC-2016-0036474
 LYING WITHIN SECTIONS 11 AND 14, T. 11 N., R. 5 E. M.D.B.M.
 CITY OF ROSEVILLE COUNTY OF PLACER STATE OF CALIFORNIA

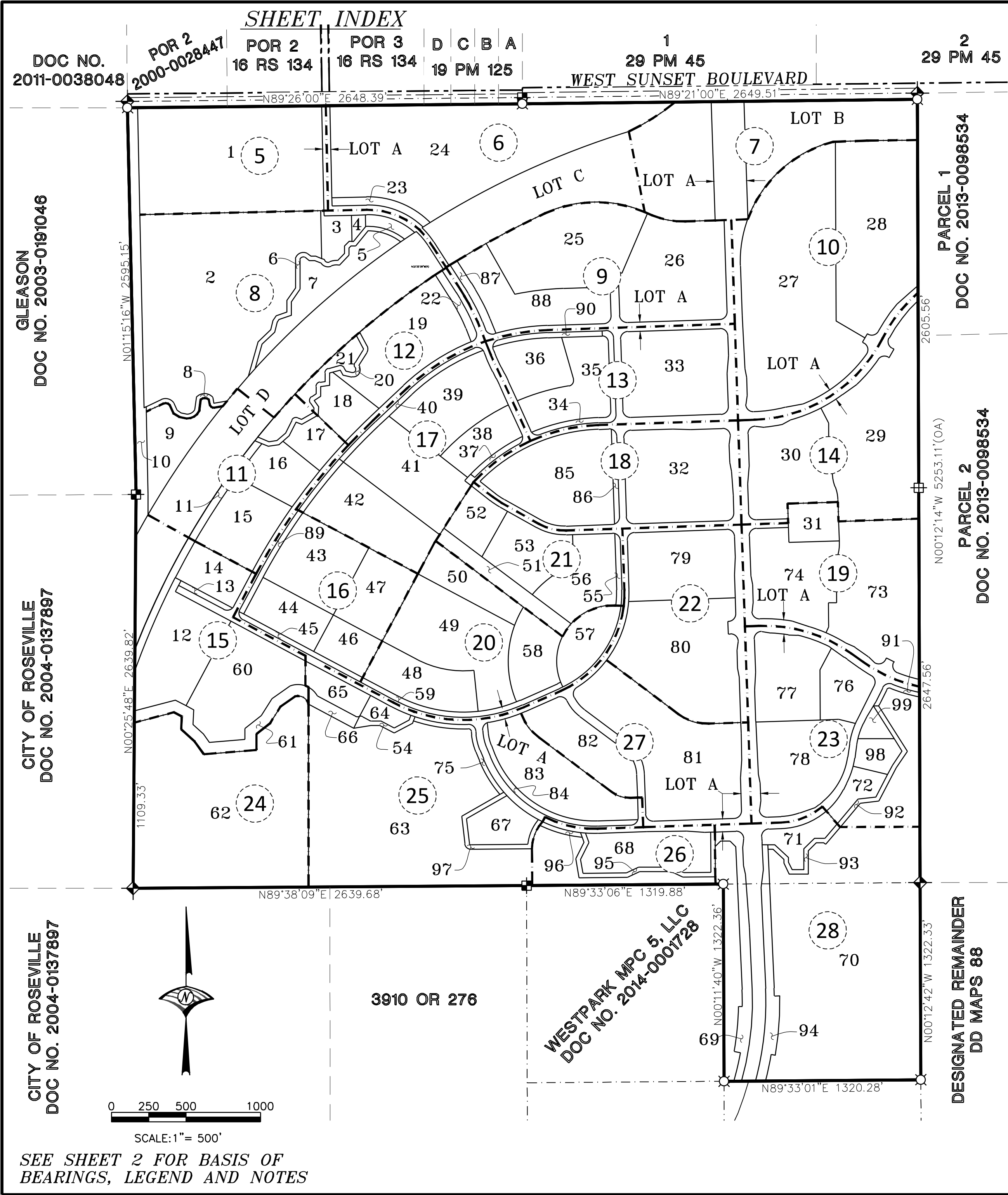
APRIL 2020

Sheet 3 of 28

3651.002

WOOD RODGERS
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME

3301 C ST, BLDG. 100-B TEL 916.341.7760
SACRAMENTO, CA 95816 FAX 916.341.7767



FINAL MAP	TENTATIVE MAP SPECIFIC PLAN
1	AR-1
2	AR-3
3	AR-60
4	AR-56
5	AR-70
6	AR-100
7	AR-91
8	AR-99
9	AR-90
10	AR-98
11	AR-98
12	AR-4
13	AR-71
14	AR-5
15	AR-6
16	AR-7
17	AR-61
18	AR-46
19	AR-8
20	AR-101
21	AR-94
22	AR-102
23	AR-104
24	AR-2
25	AR-10
26	AR-62
27	AR-53
28	AR-38
29	AR-40
30	AR-39
31	AR-67
32	AR-28
33	AR-19
34	AR-77

FINAL MAP	TENTATIVE MAP SPECIFIC PLAN
35	AR-18
36	AR-17
37	AR-76
38	AR-23
39	AR-16
40	AR-73
41	AR-15
42	AR-14
43	AR-13
44	AR-12
45	AR-75
46	AR-21
47	AR-22
48	AR-25
49	AR-26
50	AR-30
51	AR-64
52	AR-27
53	AR-31
54	AR-107
55	AR-79
56	AR-35
57	AR-66
58	AR-34
59	AR-81
60	AR-11
61	AR-93
62	AR-92
63	AR-105
64	AR-57
65	AR-63
66	AR-106
67	AR-24
68	AR-37

FINAL MAP	TENTATIVE MAP SPECIFIC PLAN
69	AR-95
70	AR-97
71	AR-113
72	AR-55
73	AR-43
74	AR-42
75	AR-108
76	AR-54
77	AR-44
78	AR-45
79	AR-36
80	AR-52
81	AR-51
82	AR-33
83	AR-32
84	AR-80
85	AR-50
86	AR-78
87	AR-103
88	AR-9
89	AR-72
90	AR-74
91	AR-116
92	AR-115
93	AR-114
94	AR-96
95	AR-112
96	AR-111
97	AR-109
98	AR-58
99	AR-59
LOT A	LOT A
LOT B	NAPOTS 3 & 6
LOT C	NAPOTS 2, 4 & 5
LOT D	NAPOTS 1

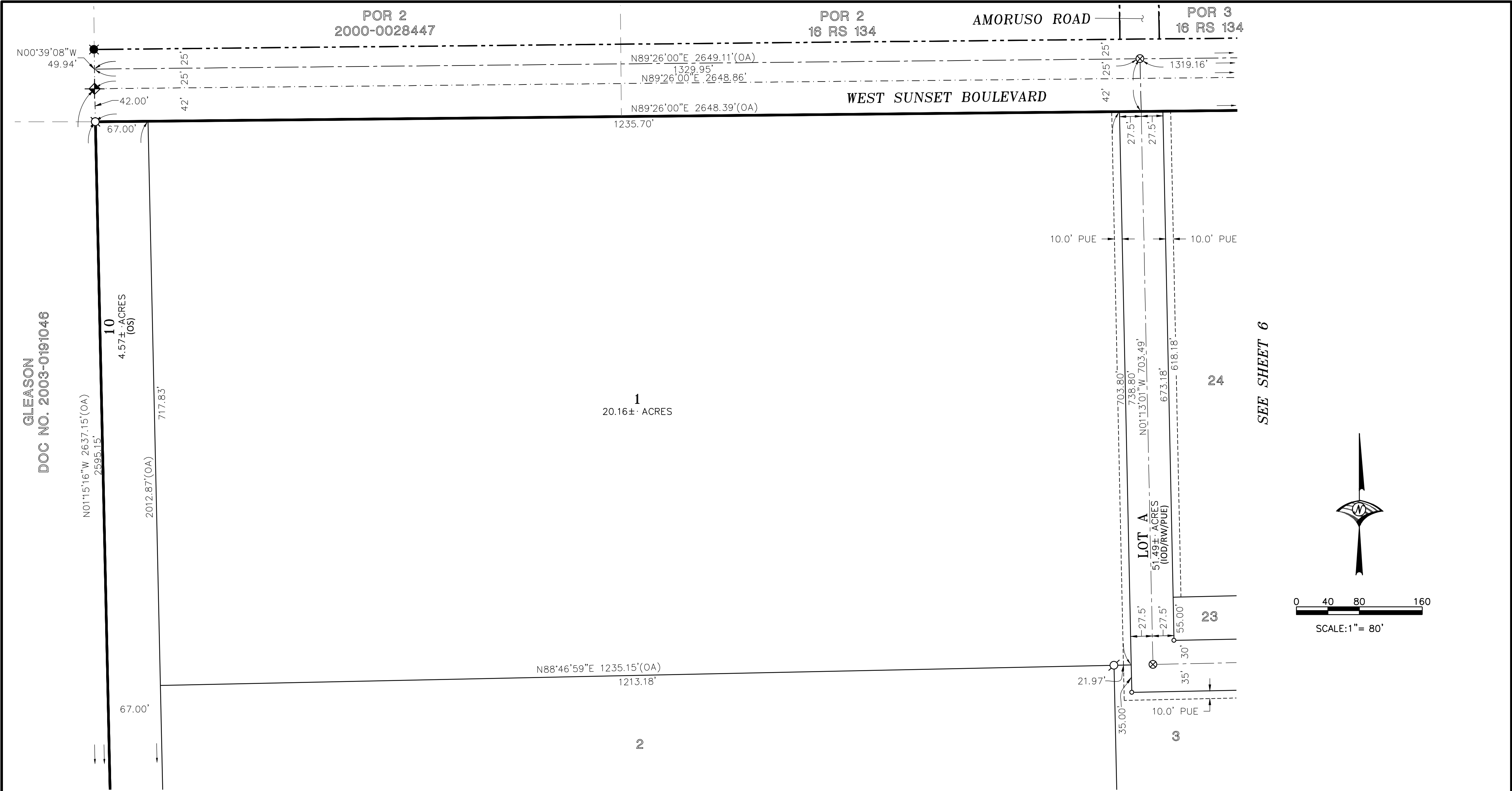
FINAL MAP OF SUBDIVISION No. PL18-0345
AMORUSO RANCH PHASE 1A
ALL THE LANDS OF THAT FINAL MAP OF AMORUSO RANCH PHASE 1
RECORDED IN BOOK EE OF MAPS, AT PAGE 51
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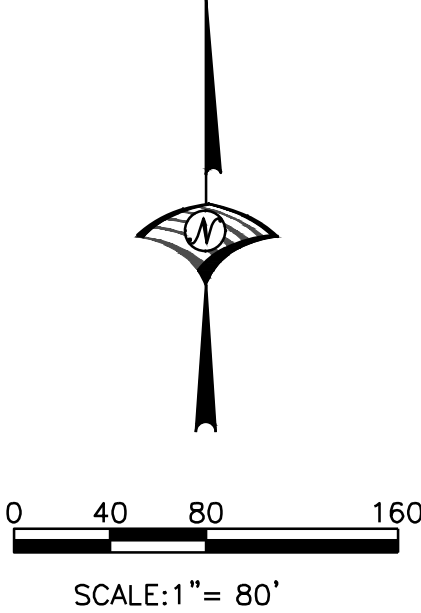
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SEE SHEET 6



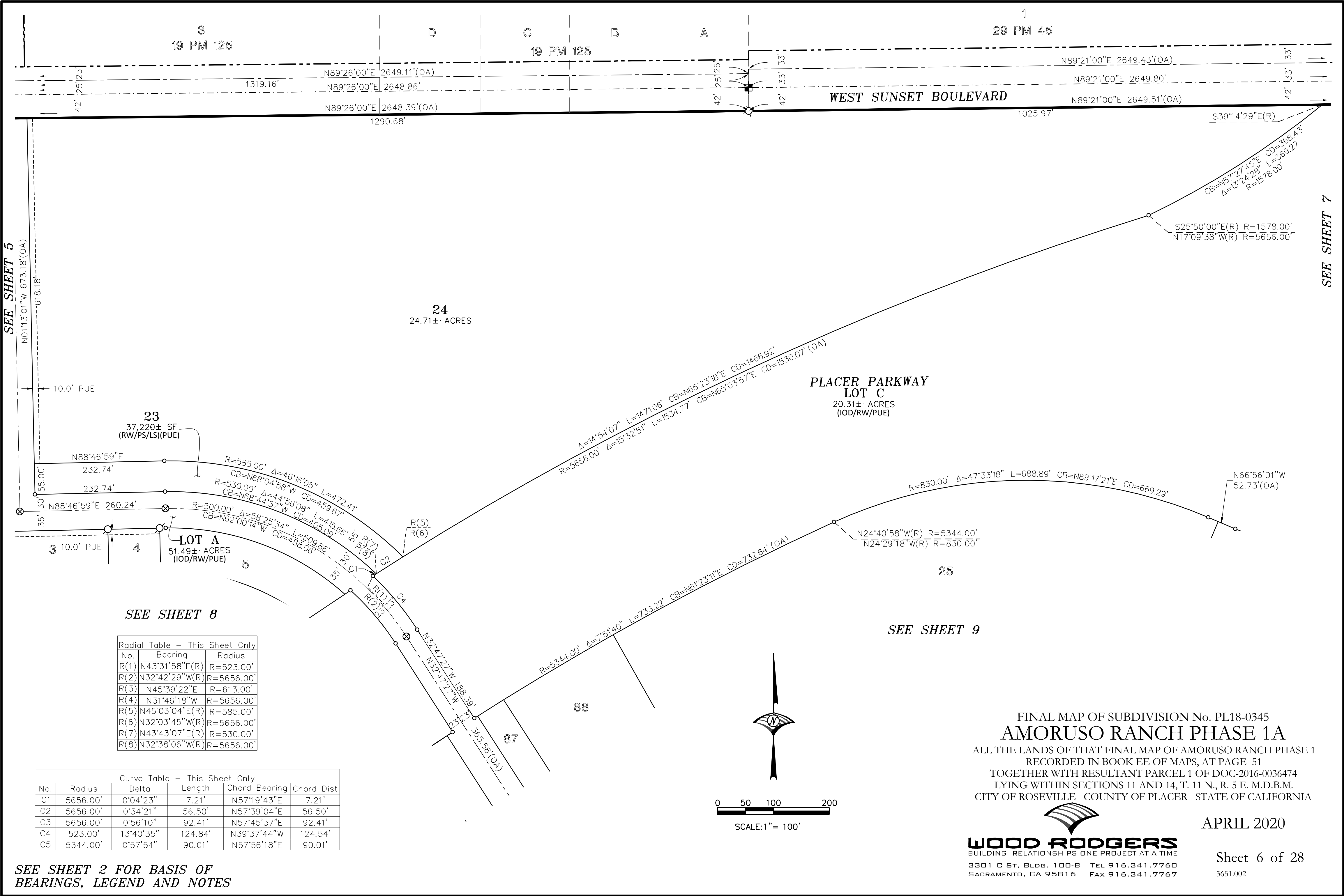
SEE SHEET 2 FOR BASIS OF
BEARINGS, LEGEND AND NOTES

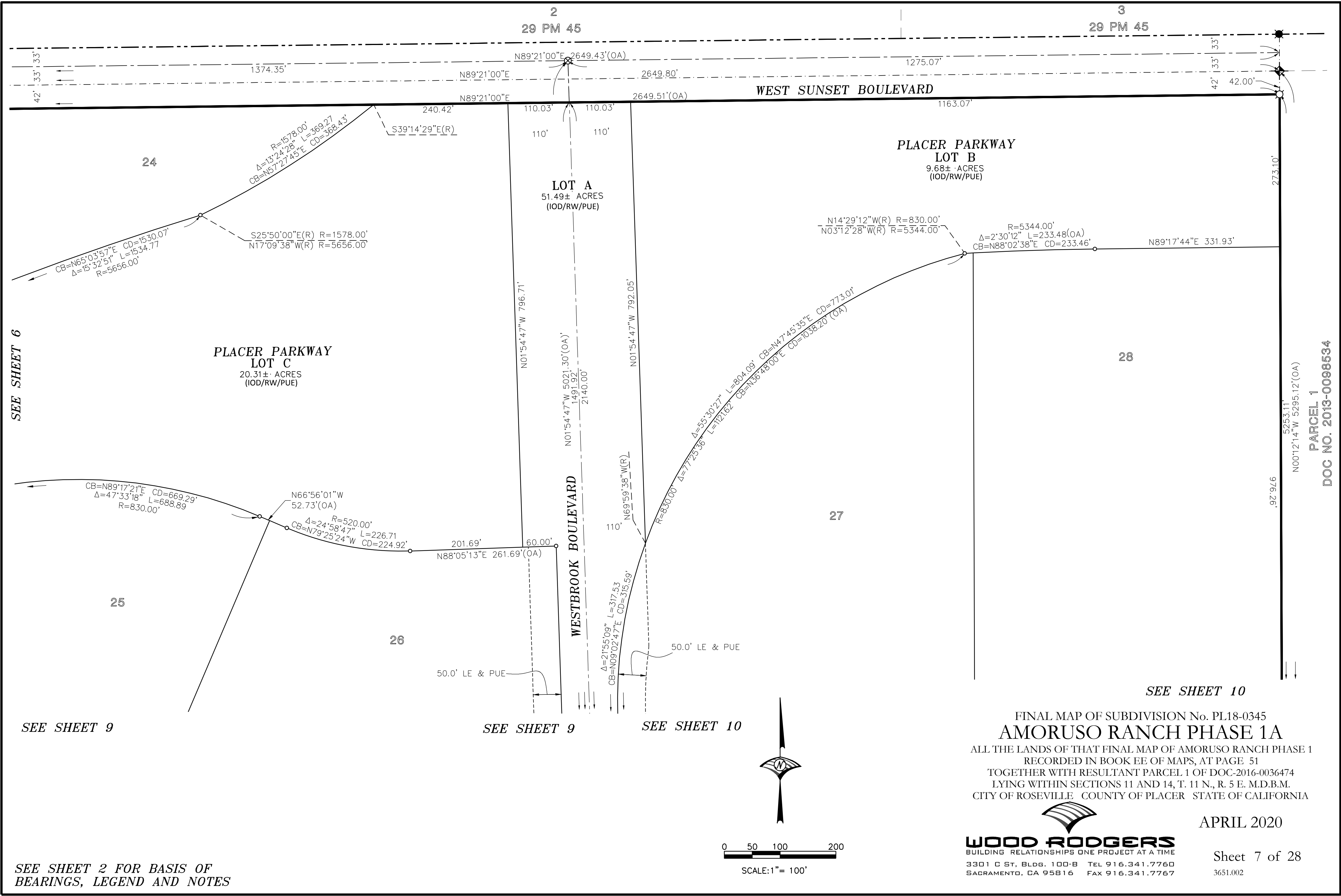
FINAL MAP OF SUBDIVISION No. PL18-0345
AMORUSO RANCH PHASE 1A
ALL THE LANDS OF THAT FINAL MAP OF AMORUSO RANCH PHASE 1
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3651.002





PARCEL 1
DOC NO. 2013-0098534

SEE SHEET 5

SEE SHEET 6

GLEASON
DOC NO. 2003-0191046

Line Table — This Sheet Only		
No.	Bearing	Length
L1	N23°15'44"W	53.31'
L2	N58°39'17"W	32.84'
L3	N78°19'53"W	40.94'
L4	N7°47'48"E	83.52'
L5	N80°46'48"E	56.53'
L6	N8°07'09"W	29.73'
L7	N7°47'48"E	78.71'
L8	N78°19'53"W	48.89'
L9	N58°39'17"W	47.61'
L10	N23°15'44"W	59.41'
L11	N51°33'04"W	29.97'
L12	N90°00'00"E	31.92'
L13	N68°43'15"W	60.60'
L14	N68°43'15"W	43.80'
L15	N68°43'15"W	16.80'
L16	N37°12'25"W	12.00'
L17	N0°00'00"E	49.65'
L18	N45°26'26"E	44.29'
L19	N87°53'56"W	29.31'
L20	N87°53'56"W	19.57'
L21	N87°53'56"W	9.73'
L22	N39°08'17"E	128.14'
L23	N1°13'01"W	78.16'
L24	N87°53'56"W	31.31'
L25	N45°26'26"E	18.79'
L26	N0°00'00"E	49.08'
L27	N68°43'15"W	46.50'
L28	N90°00'00"E	36.74'
L29	N51°33'04"W	36.77'
L30	N34°49'58"E	101.94'
L31	N0°17'09"W	90.18'
L32	N71°06'41"E	87.55'
L33	N34°22'52"E	22.98'
L34	N13°43'38"E	67.85'
L35	N46°22'50"E	118.10'
L36	N15°30'48"E	169.91'
L37	N37°12'25"W	3.53'
L38	N01°15'16"W	32.72'
L39	N56°53'54"E	12.00'
L40	N01°13'01"W	738.80'
L41	N01°13'01"W	770.49'

Radial Table — This Sheet Only		
No.	Bearing	Radius
R(1)	S81°53'07"W(R)	R=30.00'
R(2)	N38°24'19"W(R)	R=43.87'
R(3)	N37°31'27"E(R)	R=43.87'
R(4)	N21°15'25"E(R)	R=26.04'
R(5)	N51°13'34"E(R)	R=36.82'
R(6)	N41°49'00"E(R)	R=465.00'
R(7)	N33°18'51"W(R)	R=5656.00'
R(8)	N42°12'02"E(R)	R=477.00'
R(9)	N33°11'19"W(R)	R=5656.00'

10
4.57± ACRES
(OS)

2
27.26± ACRES

7
4.16± ACRES
(OS)

6
1.22± ACRES
(OS)

PLACER PARKWAY
LOT D
21.95± ACRES
(IOD/RW/PUE)

LOT A
51.49± ACRES
(IOD/RW/PUE)

LOT C

19

87

Curve Table — This Sheet Only					
No.	Radius	Delta	Length	Chord Bearing	Chord Dist
C1	66.82'	80°00'19"	93.30'	N74°45'53"W	85.91'
C2	60.00'	59°06'06"	61.89'	N60°29'00"E	59.18'
C3	73.87'	96°51'09"	124.87'	N89°37'49"E	110.52'
C4	30.00'	89°59'16"	47.12'	N53°06'31"W	42.42'
C5	43.87'	75°55'46"	58.14'	N89°33'34"E	53.97'
C6	90.00'	65°31'51"	102.94'	N59°24'33"E	97.42'
C7	36.82'	75°59'37"	48.84'	N76°46'15"W	45.33'
C8	56.04'	101°58'31"	99.74'	N65°45'58"E	87.08'
C9	25.00'	75°43'40"	33.04'	N75°04'15"W	30.69'
C10	118.92'	26°20'06"	54.66'	N80°13'58"E	54.18'
C11	387.00'	41°40'02"	281.44'	N72°00'59"W	275.28'
C12	357.00'	38°05'24"	237.33'	N71°41'43"W	232.99'
C13	88.92'	34°48'53"	54.03'	N84°28'22"E	53.20'
C14	55.00'	75°43'40"	72.69'	N75°04'15"W	67.52'
C15	26.04'	89°30'21"	40.68'	N66°30'14"E	36.66'
C16	5656.00'	0°49'18"	81.10'	N56°16'30"E	81.10'
C17	5656.00'	0°19'08"	31.47'	N55°42'17"E	31.47'
C18	5656.00'	0°40'47"	67.11'	N42°04'05"E	67.11'
C19	5656.00'	2°14'15"	220.88'	N40°36'34"E	220.87'
C20	5656.00'	0°27'30"	45.26'	N39°15'41"E	45.26'
C21	477.00'	15°00'31"	124.95'	N40°17'42"W	124.59'
C22	5344.00'	0°57'54"	90.01'	N56°28'49"E	90.01'
C23	387.00'	18°23'31"	124.23'	N41°59'12"W	123.69'
C24	5656.00'	0°56'50"	93.51'	N56°20'16"E	93.51'
C25	5656.00'	0°07'33"	12.41'	N56°44'55"E	12.41'
C26	5344.00'	0°07'43"	12.00'	N56°53'54"E	12.00'
C27	5344.00'	0°04'30"	7.00'	N57°29'36"E	7.00'

FINAL MAP OF SUBDIVISION No. PL18-0345
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CITY OF ROSEVILLE COUNTY OF PLACER STATE OF CALIFORNIA

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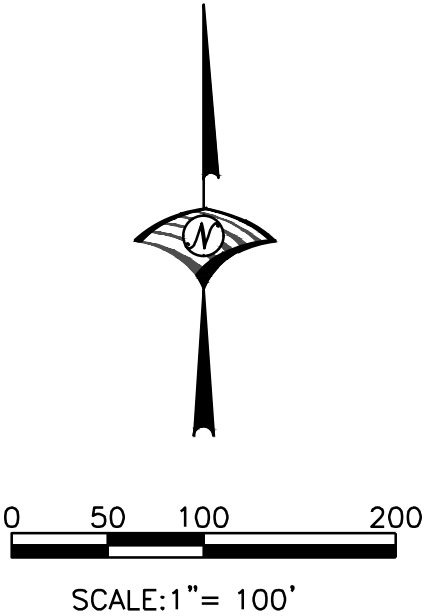
Sheet 8 of 28

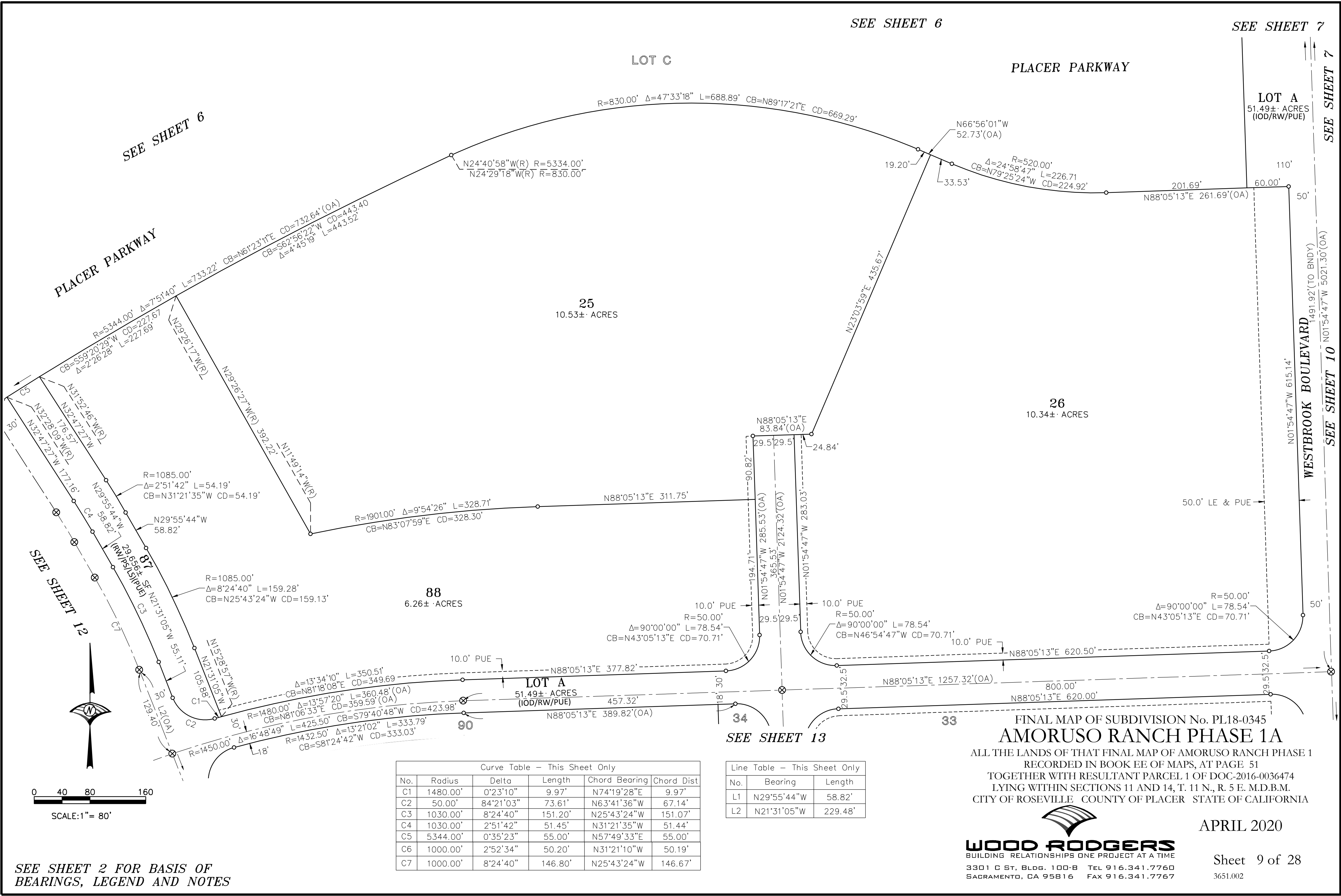
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SEE SHEET 2 FOR BASIS OF
BEARINGS, LEGEND AND NOTES

SEE SHEET 11





SEE SHEET 2 FOR BASIS OF
BEARINGS, LEGEND AND NOTES

Curve Table - This Sheet Only					
No.	Radius	Delta	Length	Chord Bearing	Chord Dist
C1	1480.00'	0°23'10"	9.97'	N74°19'28"E	9.97'
C2	50.00'	84°21'03"	73.61'	N63°41'36"W	67.14'
C3	1030.00'	8°24'40"	151.20'	N25°43'24"W	151.07'
C4	1030.00'	2°51'42"	51.45'	N31°21'35"W	51.44'
C5	5344.00'	0°35'23"	55.00'	N57°49'33"E	55.00'
C6	1000.00'	2°52'34"	50.20'	N31°21'10"W	50.19'
C7	1000.00'	8°24'40"	146.80'	N25°43'24"W	146.67'

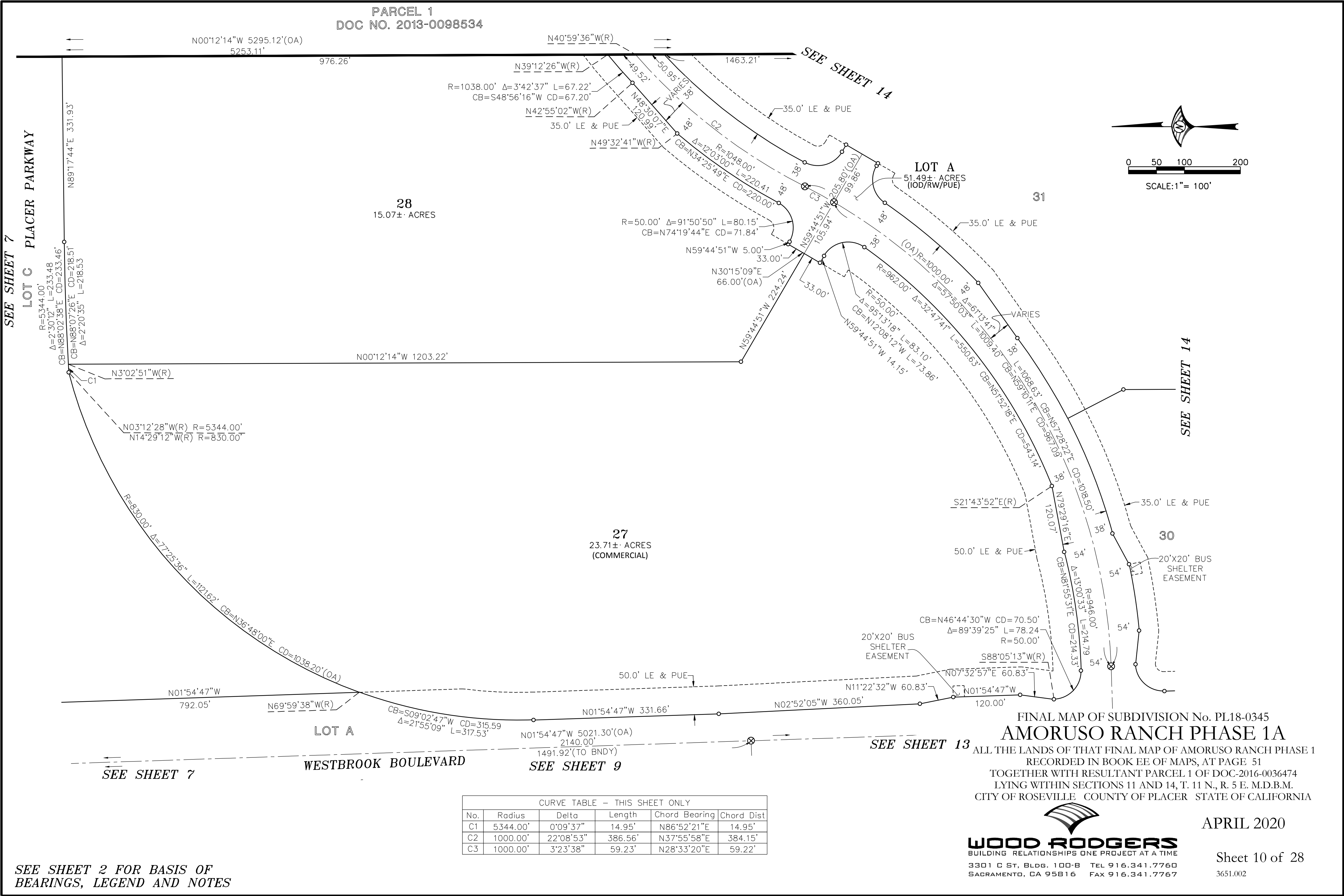
Line Table - This Sheet Only		
No.	Bearing	Length
L1	N29°55'44"W	58.82'
L2	N21°31'05"W	229.48'

FINAL MAP OF SUBDIVISION No. PL18-0345
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3651.002



SEE SHEET 8

SEE SHEET 12

SEE SHEET 17

SEE SHEET 16

SEE SHEET 15

GLEASON
DOC NO. 2003-0191046

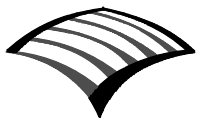
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DOC NO. 2004-0137897

PLACER PARKWAY
LOT D
21.95± ACRES
(IOD/RW/PUE)

Line Table — This Sheet Only		
No.	Bearing	Length
L1	N23°15'44"W	59.41'
L2	N58°39'17"W	47.61'
L3	N78°19'53"W	48.89'
L4	N7°47'48"E	78.71'
L5	N8°07'09"W	29.73'
L6	N80°46'48"E	56.53'
R(1)	N38°24'19"W(R)	
R(2)	N37°31'27"E(R)	
R(3)	S81°53'07"W(R)	

Curve Table — This Sheet Only					
No.	Radius	Delta	Length	Chord Bearing	Chord Dist
C1	36.82'	75°59'37"	48.83'	N76°46'15"W	45.33'
C2	90.00'	65°31'51"	102.94'	N59°24'33"E	97.42'
C3	43.87'	75°55'46"	58.14'	N89°33'34"E	53.97'
C4	30.00'	89°59'16"	47.12'	N53°06'31"W	42.42'
C5	5344.00'	0°20'05"	31.23'	N38°43'59"E	31.23'
C6	30.00'	86°02'42"	45.05'	N69°49'48"E	40.94'
C7	30.00'	92°34'43"	48.47'	N10°50'14"E	43.37'

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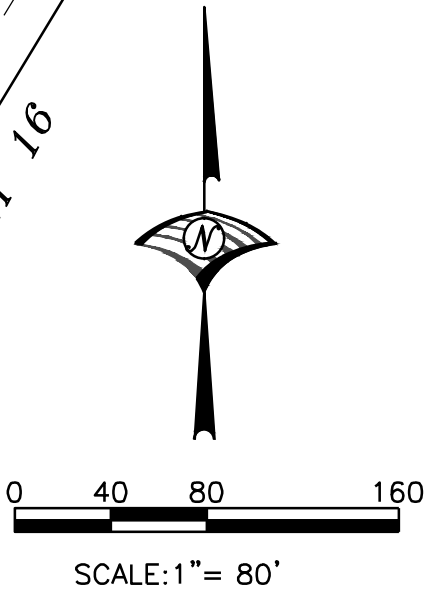
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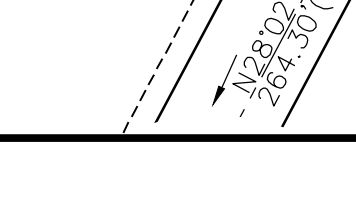
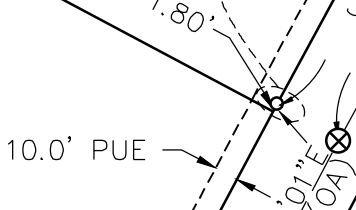
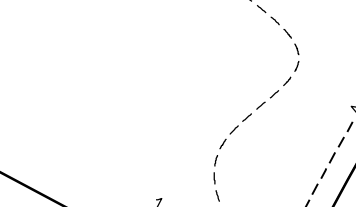
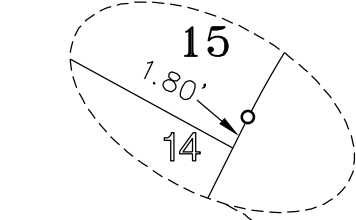
Sheet 11 of 28

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BEARINGS, LEGEND AND NOTES

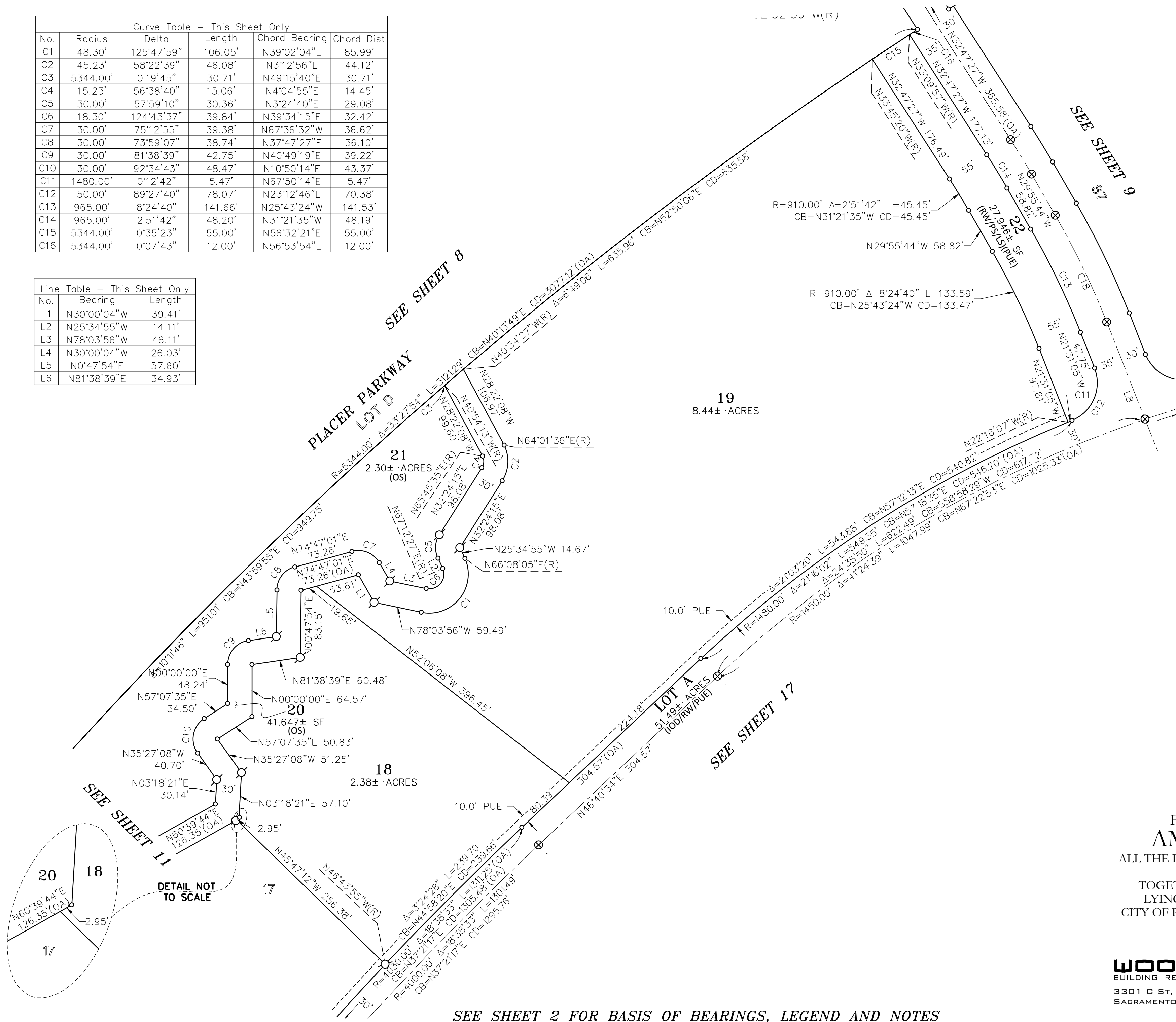


DETAIL NOT
TO SCALE



Curve Table — This Sheet Only					
No.	Radius	Delta	Length	Chord Bearing	Chord Dist
C1	48.30'	125°47'59"	106.05'	N39°02'04"E	85.99'
C2	45.23'	58°22'39"	46.08'	N3°12'56"E	44.12'
C3	5344.00'	0°19'45"	30.71'	N49°15'40"E	30.71'
C4	15.23'	56°38'40"	15.06'	N4°04'55"E	14.45'
C5	30.00'	57°59'10"	30.36'	N3°24'40"E	29.08'
C6	18.30'	124°43'37"	39.84'	N39°34'15"E	32.42'
C7	30.00'	75°12'55"	39.38'	N67°36'32"W	36.62'
C8	30.00'	73°59'07"	38.74'	N37°47'27"E	36.10'
C9	30.00'	81°38'39"	42.75'	N40°49'19"E	39.22'
C10	30.00'	92°34'43"	48.47'	N10°50'14"E	43.37'
C11	1480.00'	0°12'42"	5.47'	N67°50'14"E	5.47'
C12	50.00'	89°27'40"	78.07'	N23°12'46"E	70.38'
C13	965.00'	8°24'40"	141.66'	N25°43'24"W	141.53'
C14	965.00'	2°51'42"	48.20'	N31°21'35"W	48.19'
C15	5344.00'	0°35'23"	55.00'	N56°32'21"E	55.00'
C16	5344.00'	0°07'43"	12.00'	N56°53'54"E	12.00'

Line Table — This Sheet Only		
No.	Bearing	Length
L1	N30°00'04"W	39.41'
L2	N25°34'55"W	14.11'
L3	N78°03'56"W	46.11'
L4	N30°00'04"W	26.03'
L5	N0°47'54"E	57.60'
L6	N81°38'39"E	34.93'



FINAL MAP OF SUBDIVISION No. PL18-0345
AMORUSO RANCH PHASE 1A
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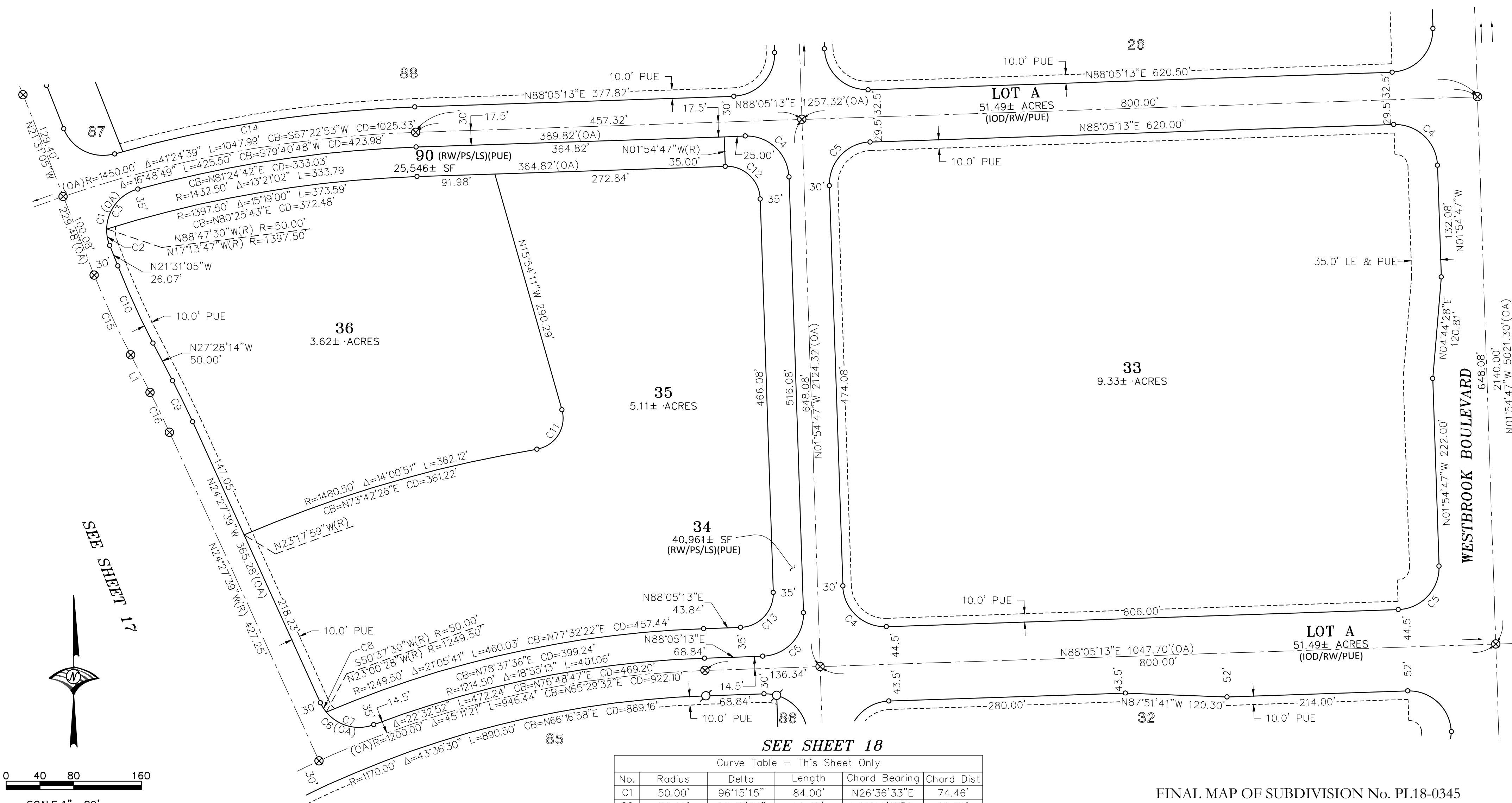
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3651.002

SEE SHEET 2 FOR BASIS OF BEARINGS, LEGEND AND NOTES

SEE SHEET 9



SEE SHEET 17

SEE SHEET 18

Curve Table - This Sheet Only					
No.	Radius	Delta	Length	Chord Bearing	Chord Dist
C1	50.00'	96°15'15"	84.00'	N26°36'33"E	74.46'
C2	50.00'	22°43'34"	19.83'	N10°09'17"W	19.70'
C3	50.00'	73°31'41"	64.17'	N37°58'20"E	59.85'
C4	50.00'	90°00'00"	78.54'	N46°54'47"W	70.71'
C5	50.00'	90°00'00"	78.54'	N43°05'13"E	70.71'
C6	50.00'	86°22'22"	75.37'	N67°38'50"W	68.44'
C7	50.00'	71°27'31"	62.36'	N75°06'16"W	58.40'
C8	50.00'	14°54'51"	13.02'	N31°55'05"W	12.98'
C9	1030.00'	3°00'35"	54.10'	N25°57'57"W	54.10'
C10	970.00'	5°57'10"	100.78'	N24°29'39"W	100.73'
C11	37.00'	96°37'03"	62.39'	N32°24'20"E	55.26'
C12	40.00'	90°00'00"	62.83'	N46°54'47"W	56.57'
C13	40.00'	90°00'00"	62.83'	N43°05'13"E	56.57'
C14	1480.00'	13°57'20"	360.48'	N81°06'33"E	359.59'
C15	1000.00'	5°57'10"	103.89'	N24°29'39"W	103.85'
C16	1000.00'	3°00'35"	52.53'	N25°57'57"W	52.52'

Line Table - This Sheet Only		
No.	Bearing	Length
L1	N27°28'14"W	50.00'

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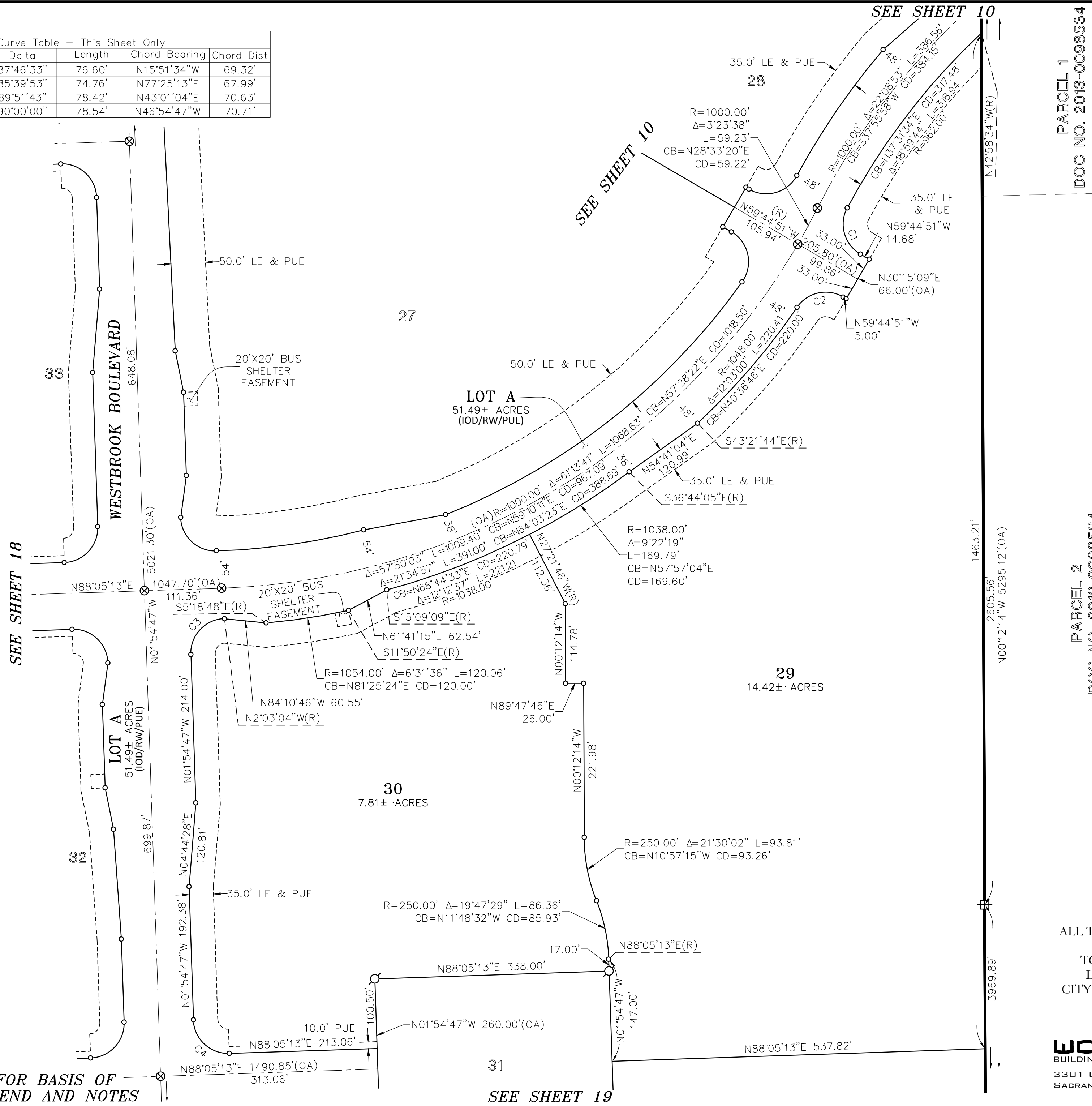
Sheet 13 of 28

3651.002

SEE SHEET 2 FOR BASIS OF BEARINGS, LEGEND AND NOTES

SEE SHEET 10

Curve Table - This Sheet Only					
No.	Radius	Delta	Length	Chord Bearing	Chord Dist
C1	50.00'	87°46'33"	76.60'	N15°51'34"W	69.32'
C2	50.00'	85°39'53"	74.76'	N77°25'13"E	67.99'
C3	50.00'	89°51'43"	78.42'	N43°01'04"E	70.63'
C4	50.00'	90°00'00"	78.54'	N46°54'47"W	70.71'



SEE SHEET 2 FOR BASIS OF BEARINGS, LEGEND AND NOTES

SEE SHEET 19

PARCEL 1
DOC NO. 2013-0098534

PARCEL 2
DOC NO. 2013-0098534

FINAL MAP OF SUBDIVISION No. PL18-0345
AMORUSO RANCH PHASE 1A
ALL THE LANDS OF THAT FINAL MAP OF AMORUSO RANCH PHASE 1
RECORDED IN BOOK EE OF MAPS, AT PAGE 51
TOGETHER WITH RESULTANT PARCEL 1 OF DOC-2016-0036474
LYING WITHIN SECTIONS 11 AND 14, T. 11 N., R. 5 E. M.D.B.M.
CITY OF ROSEVILLE COUNTY OF PLACER STATE OF CALIFORNIA

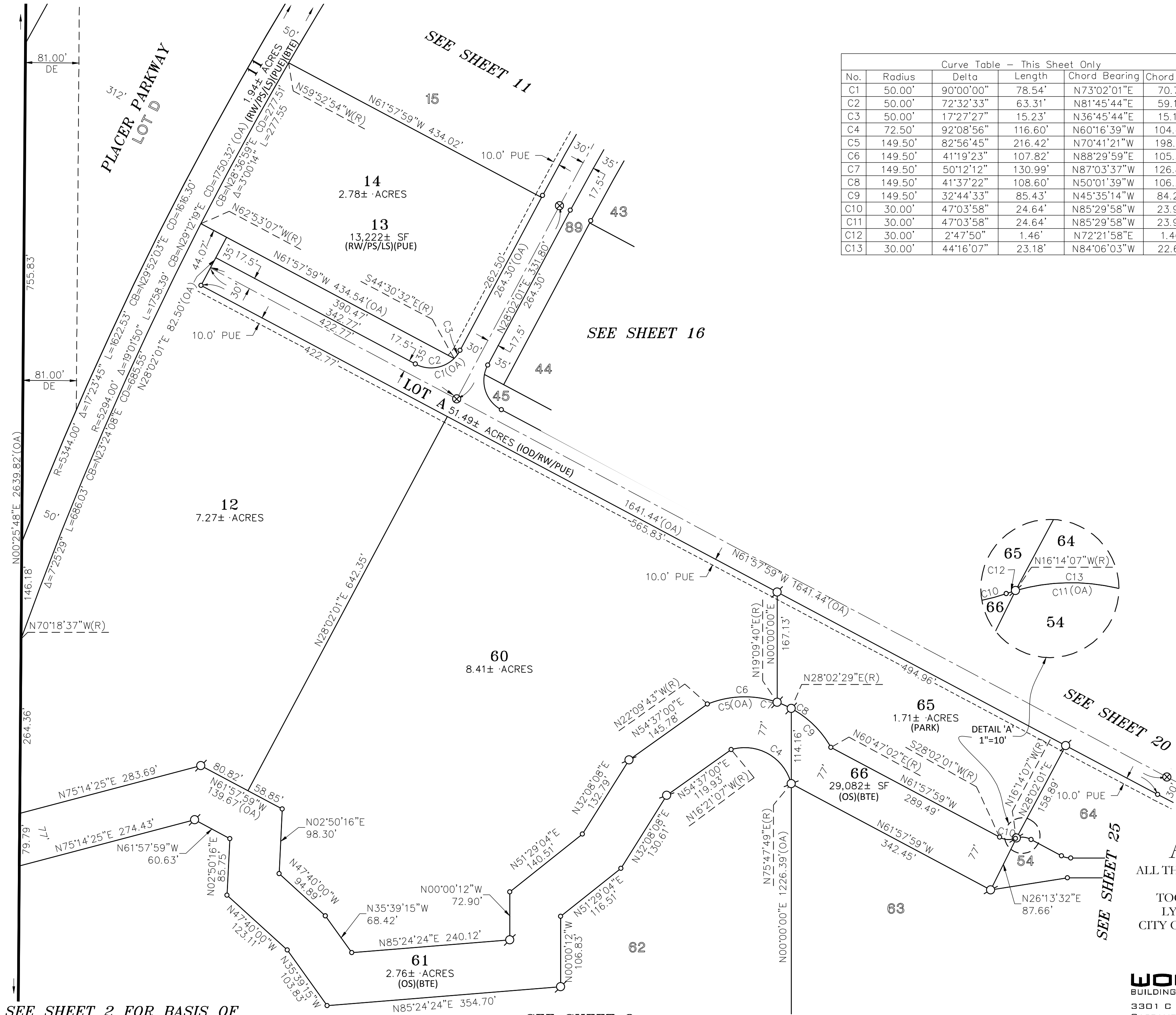
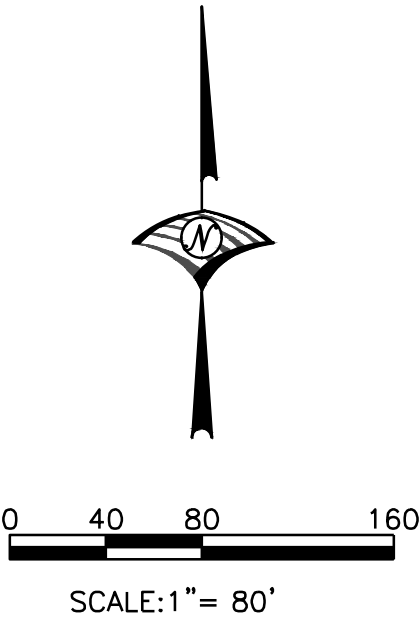

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Curve Table - This Sheet Only					
No.	Radius	Delta	Length	Chord Bearing	Chord Dist
C1	50.00'	90°00'00"	78.54'	N73°02'01"E	70.71'
C2	50.00'	72°32'33"	63.31'	N81°45'44"E	59.16'
C3	50.00'	17°27'27"	15.23'	N36°45'44"E	15.18'
C4	72.50'	92°08'56"	116.60'	N60°16'39"W	104.43'
C5	149.50'	82°56'45"	216.42'	N70°41'21"W	198.01'
C6	149.50'	41°19'23"	107.82'	N88°29'59"E	105.50'
C7	149.50'	50°12'12"	130.99'	N87°03'37"W	126.84'
C8	149.50'	41°37'22"	108.60'	N50°01'39"W	106.23'
C9	149.50'	32°44'33"	85.43'	N45°35'14"W	84.27'
C10	30.00'	47°03'58"	24.64'	N85°29'58"W	23.96'
C11	30.00'	47°03'58"	24.64'	N85°29'58"W	23.96'
C12	30.00'	2°47'50"	1.46'	N72°21'58"E	1.46'
C13	30.00'	44°16'07"	23.18'	N84°06'03"W	22.61'



SEE SHEET 2 FOR BASIS OF BEARINGS, LEGEND AND NOTES

SEE SHEET 8

SEE SHEET 8

FINAL MAP OF SUBDIVISION No. PL18-0345
AMORUSO RANCH PHASE 1A
ALL THE LANDS OF THAT FINAL MAP OF AMORUSO RANCH PHASE 1
RECORDED IN BOOK EE OF MAPS, AT PAGE 51
TOGETHER WITH RESULTANT PARCEL 1 OF DOC-2016-0036474
LYING WITHIN SECTIONS 11 AND 14, T. 11 N., R. 5 E. M.D.B.M.
CITY OF ROSEVILLE COUNTY OF PLACER STATE OF CALIFORNIA

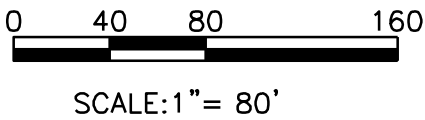
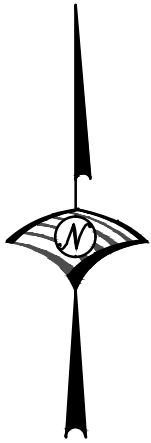
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3651.002

Curve Table - This Sheet Only					
No.	Radius	Delta	Length	Chord Bearing	Chord Dist
C1	50.00'	90°00'00"	78.54'	N16°57'59"W	70.71'
C2	50.00'	72°32'33"	63.31'	N25°41'43"W	59.16'
C3	50.00'	17°27'27"	15.23'	N19°18'17"E	15.18'



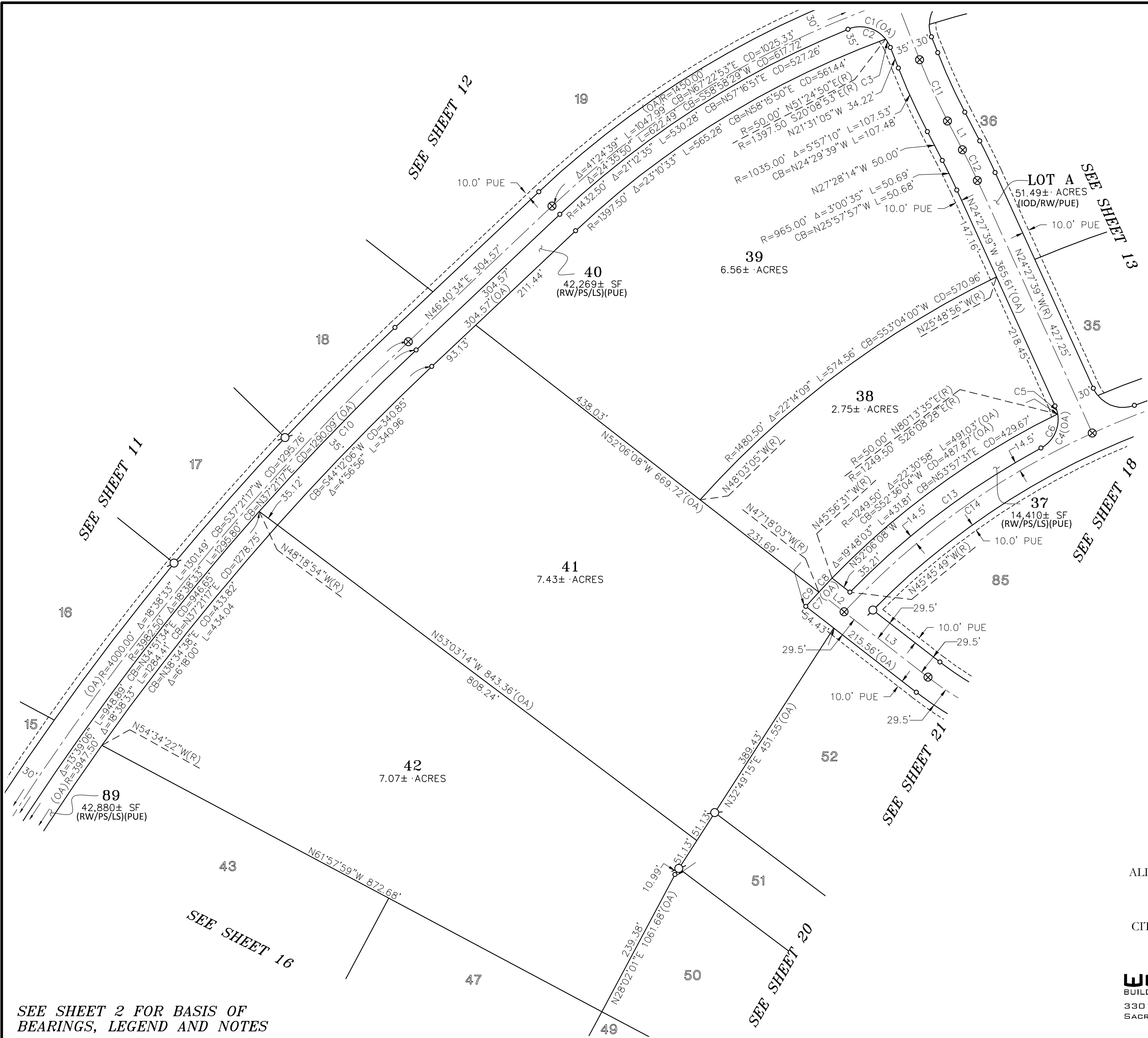
FINAL MAP OF SUBDIVISION No. PL18-0345
AMORUSO RANCH PHASE 1A
ALL THE LANDS OF THAT FINAL MAP OF AMORUSO RANCH PHASE 1
RECORDED IN BOOK EE OF MAPS, AT PAGE 51
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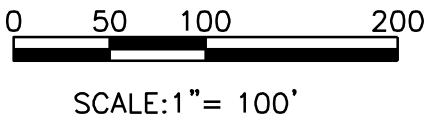
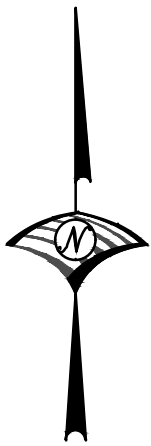
Sheet 16 of 28
3651.002

SEE SHEET 2 FOR BASIS OF
BEARINGS, LEGEND AND NOTES

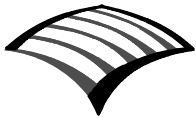


Curve Table - This Sheet Only					
No.	Radius	Delta	Length	Chord Bearing	Chord Dist
C1	50.00'	90°35'47"	79.06'	N66°48'58"W	71.08'
C2	50.00'	73°31'41"	64.17'	N75°21'01"W	59.85'
C3	50.00'	17°04'05"	14.89'	N30°03'07"W	14.84'
C4	50.00'	86°08'44"	75.18'	N18°36'43"E	68.29'
C5	50.00'	14°41'14"	12.82'	N17°07'02"W	12.78'
C6	50.00'	71°27'31"	62.36'	N25°57'20"E	58.40'
C7	1249.50'	2°42'55"	59.21'	N42°42'02"E	59.21'
C8	1249.50'	1°21'32"	29.64'	N43°22'43"E	29.64'
C9	1249.50'	1°21'23"	29.58'	N42°01'16"E	29.58'
C10	3982.50'	4°59'27"	346.91'	N44°10'50"E	346.80'
C11	1000.00'	5°57'10"	103.89'	N24°29'39"W	103.85'
C12	1000.00'	3°00'35"	52.53'	N25°57'57"W	52.52'
C13	1214.50'	17°26'54"	369.85'	N52°57'38"E	368.42'
C14	1200.00'	22°38'29"	474.20'	N54°13'06"E	471.12'

Line Table - This Sheet Only		
No.	Bearing	Length
L1	N27°28'14"W	50.00'
L2	N52°06'08"W	49.68'
L3	N52°06'08"W	163.75'



FINAL MAP OF SUBDIVISION No. PL18-0345
AMORUSO RANCH PHASE 1A
ALL THE LANDS OF THAT FINAL MAP OF AMORUSO RANCH PHASE 1
RECORDED IN BOOK EE OF MAPS, AT PAGE 51
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LYING WITHIN SECTIONS 11 AND 14, T. 11 N., R. 5 E. M.D.B.M.
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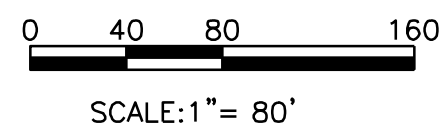
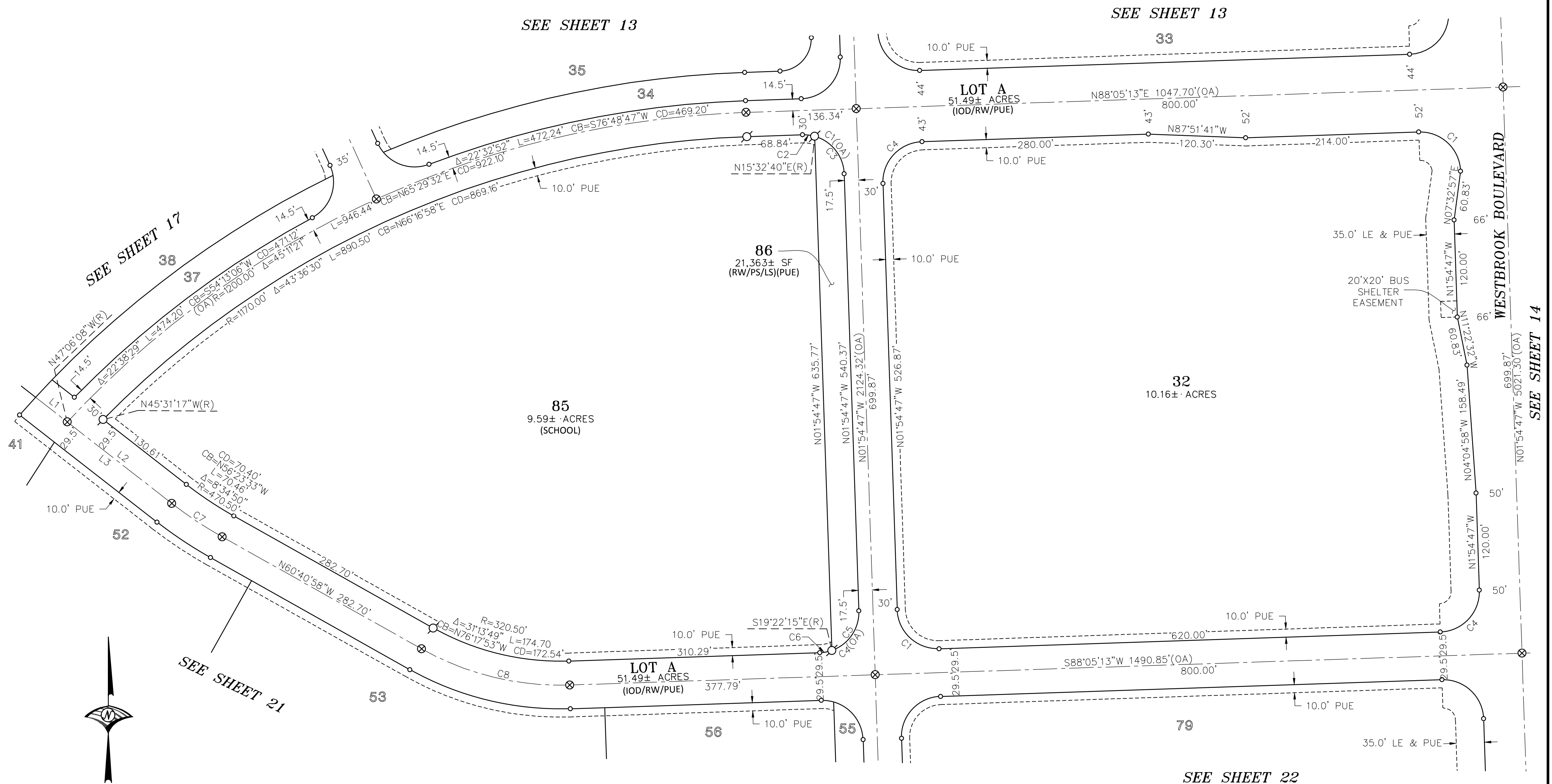
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3651.002

SEE SHEET 2 FOR BASIS OF
BEARINGS, LEGEND AND NOTES



Line Table – This Sheet Only		
No.	Bearing	Length
L1	N52°06'08"W	49.68'
L2	N52°06'08"W	163.75'
L3	N52°06'08"W	213.43'

Curve Table — This Sheet Only					
No.	Radius	Delta	Length	Chord Bearing	Chord Dist
C1	50.00'	90°00'00"	78.54'	N46°54'47"W	70.71'
C2	50.00'	17°27'27"	15.23'	N83°11'04"W	15.18'
C3	50.00'	72°32'33"	63.31'	N38°11'04"W	59.16'
C4	50.00'	90°00'00"	78.54'	N43°05'13"E	70.71'
C5	50.00'	72°32'33"	63.31'	N34°21'29"E	59.16'
C6	50.00'	17°27'27"	15.23'	N79°21'29"E	15.18'
C7	500.00'	8°34'50"	74.88'	N56°23'33"W	74.81'
C8	350.00'	31°13'49"	190.78'	N76°17'53"W	188.42'

SEE SHEET 2 FOR BASIS OF
BEARINGS, LEGEND AND NOTES

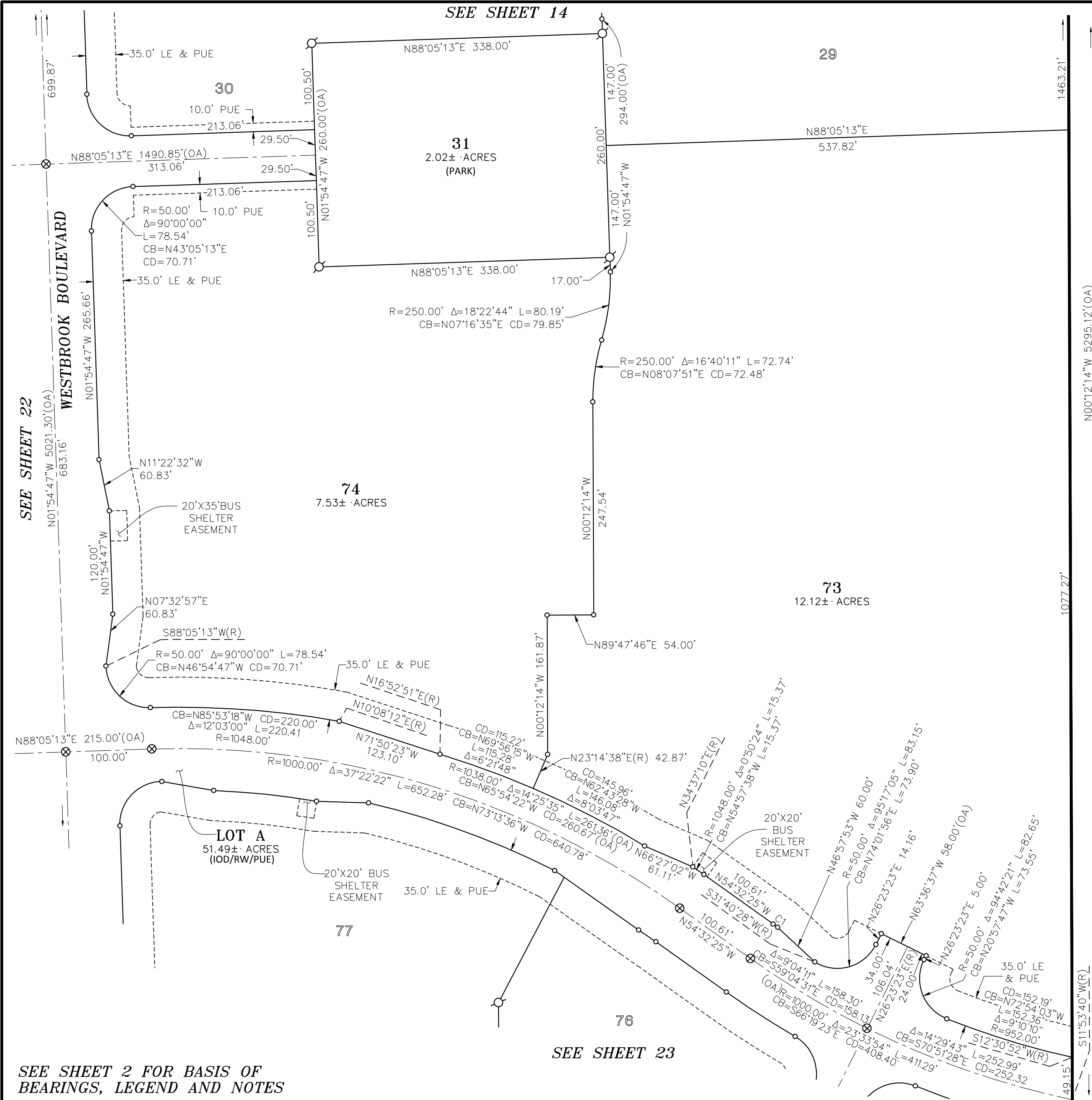
FINAL MAP OF SUBDIVISION No. PL18-0345
AMORUSO RANCH PHASE 1A
 ALL THE LANDS OF THAT FINAL MAP OF AMORUSO RANCH PHASE 1
 RECORDED IN BOOK EE OF MAPS, AT PAGE 51
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 LYING WITHIN SECTIONS 11 AND 14, T. 11 N., R. 5 E. M.D.B.M.
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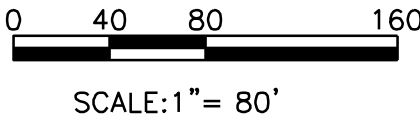
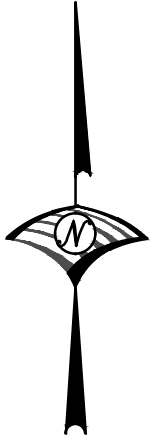
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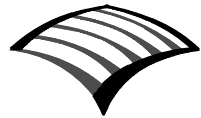


CURVE TABLE - THIS SHEET ONLY					
No.	Radius	Delta	Length	Chord Bearing	Chord Dist
C1	952.00'	0°14'33"	4.03'	N54°39'42"W	4.03'



PARCEL 2
DOC NO. 2013-0098534

FINAL MAP OF SUBDIVISION No. PL18-0345
AMORUSO RANCH PHASE 1A
ALL THE LANDS OF THAT FINAL MAP OF AMORUSO RANCH PHASE 1
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Sheet 19 of 28

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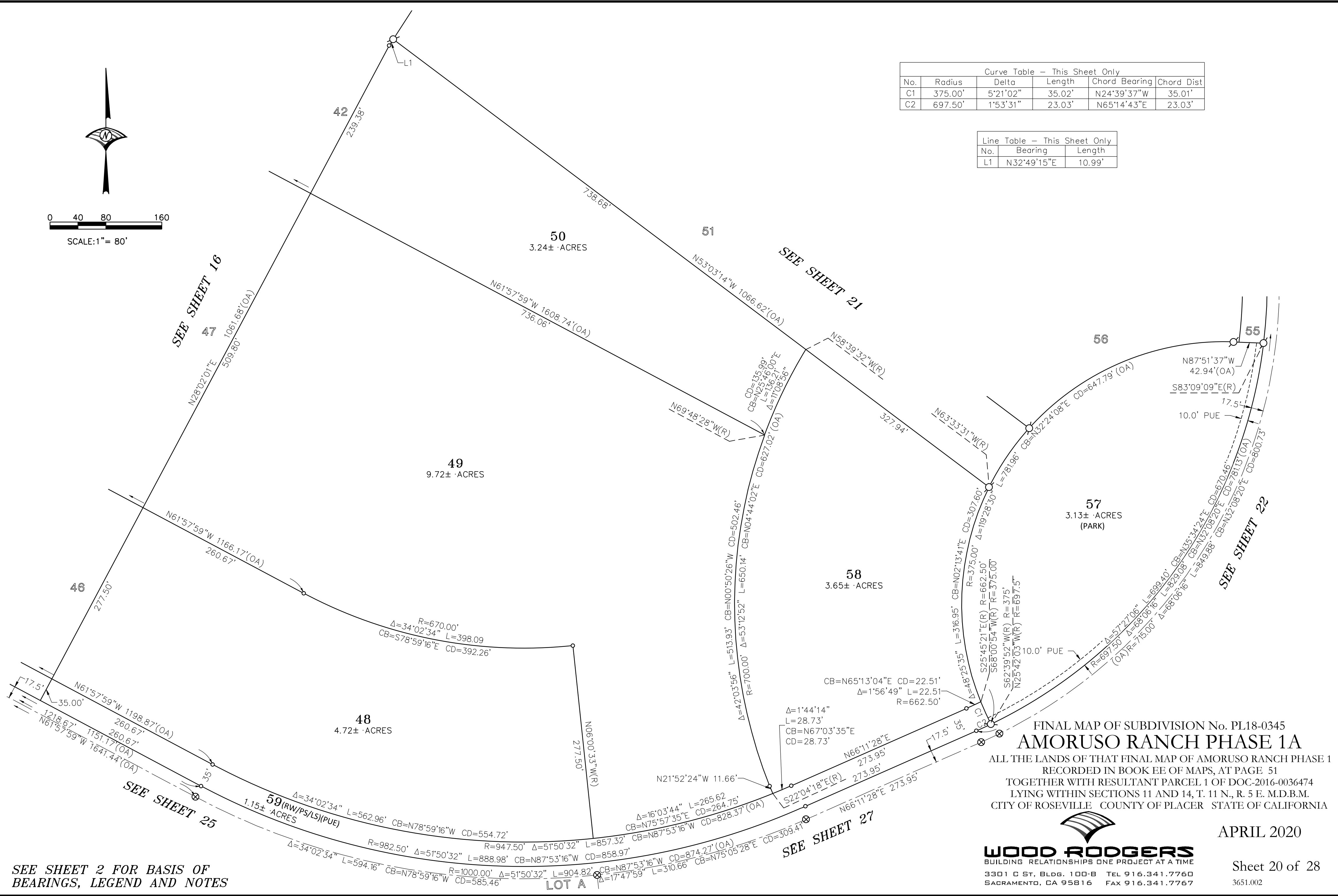
SEE SHEET 2 FOR BASIS OF
BEARINGS, LEGEND AND NOTES

SEE SHEET 23

SEE SHEET 14

Curve Table -- This Sheet Only					
No.	Radius	Delta	Length	Chord Bearing	Chord Dist
C1	375.00'	5°21'02"	35.02'	N24°39'37"W	35.01'
C2	697.50'	1°53'31"	23.03'	N65°14'43"E	23.03'

Line Table -- This Sheet Only		
No.	Bearing	Length
L1	N32°49'15"E	10.99'



SEE SHEET 2 FOR BASIS OF BEARINGS, LEGEND AND NOTES

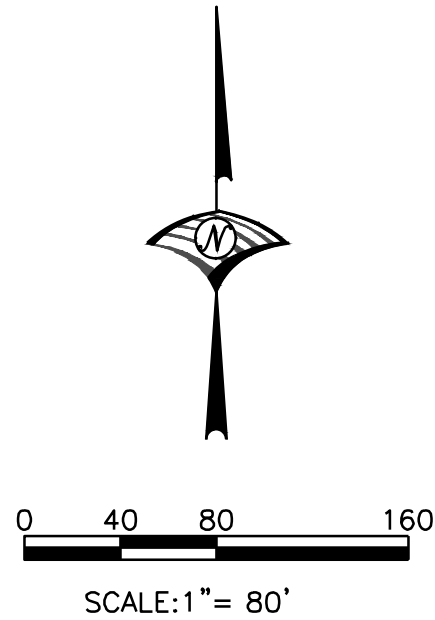
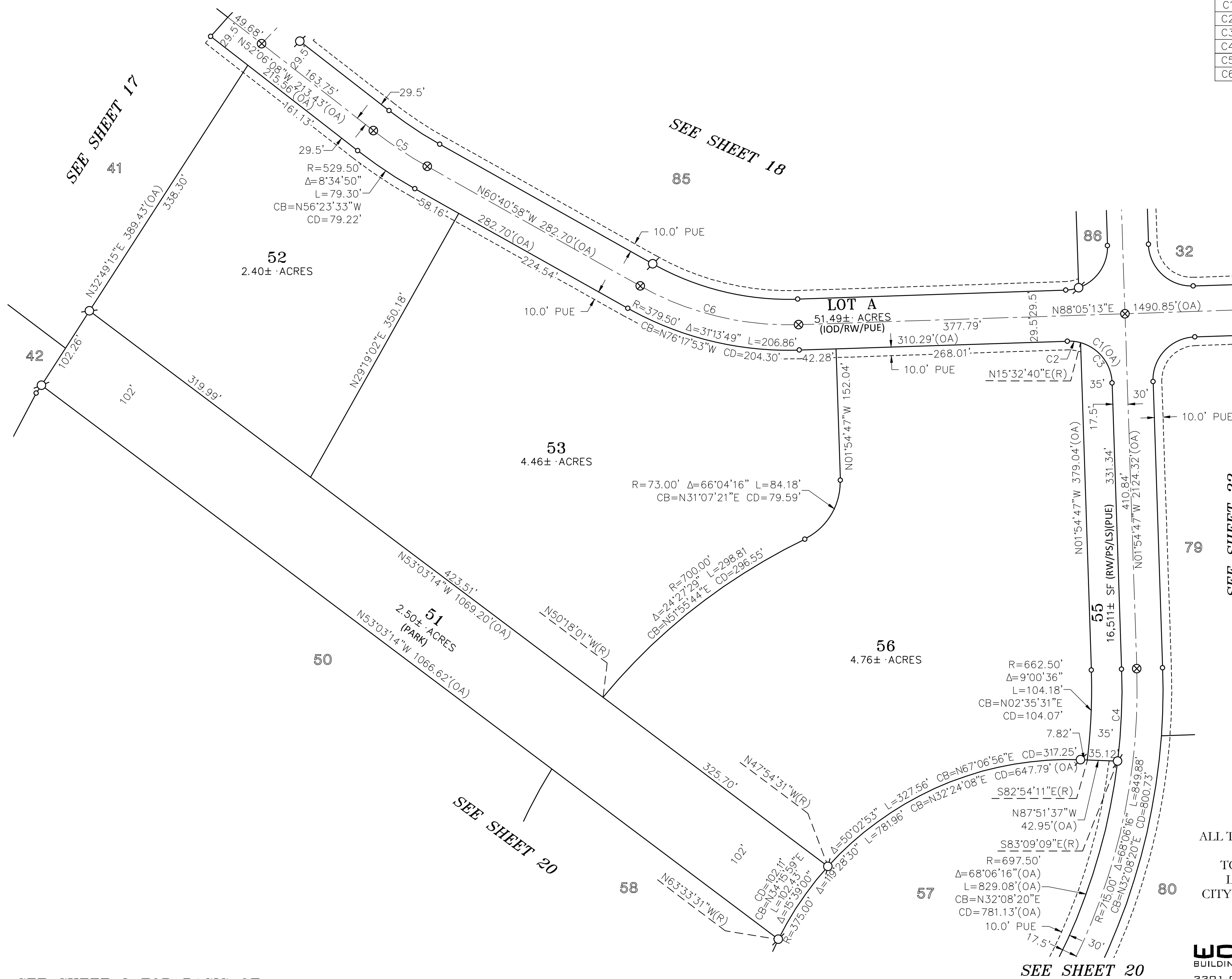
FINAL MAP OF SUBDIVISION No. PL18-0345
AMORUSO RANCH PHASE 1A
ALL THE LANDS OF THAT FINAL MAP OF AMORUSO RANCH PHASE 1
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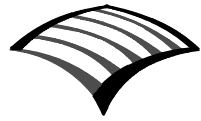
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Curve Table - This Sheet Only					
No.	Radius	Delta	Length	Chord Bearing	Chord Dist
C1	50.00'	90°00'00"	78.54'	N46°54'47"W	70.71'
C2	50.00'	17°27'27"	15.23'	N83°11'04"W	15.18'
C3	50.00'	72°32'33"	63.31'	N38°11'04"W	59.16'
C4	697.50'	8°45'39"	106.65'	N2°28'02"E	106.55'
C5	500.00'	8°34'50"	74.88'	N56°23'33"W	74.81'
C6	350.00'	31°13'49"	190.78'	N76°17'53"W	188.42'



FINAL MAP OF SUBDIVISION No. PL18-0345
AMORUSO RANCH PHASE 1A
ALL THE LANDS OF THAT FINAL MAP OF AMORUSO RANCH PHASE 1
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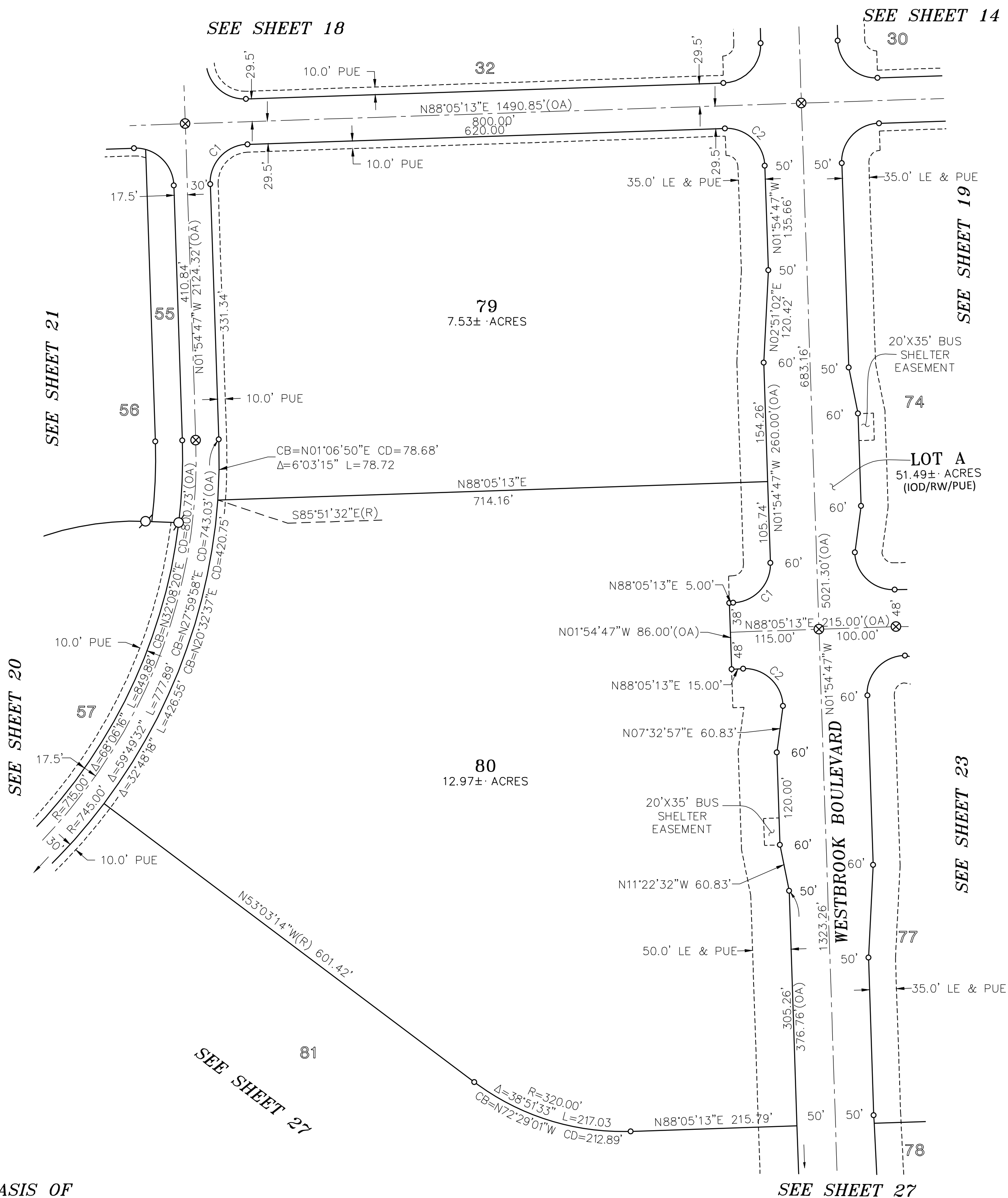
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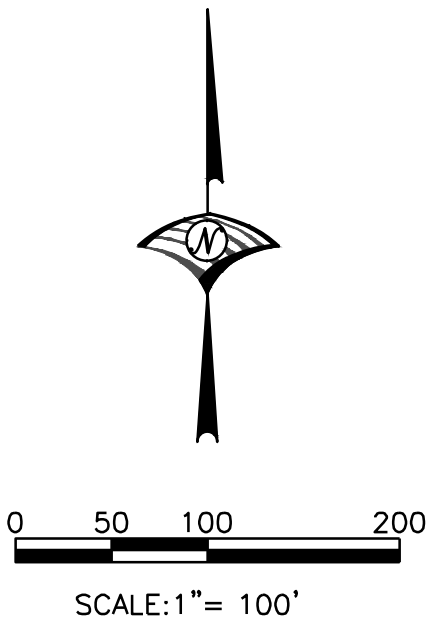
Sheet 21 of 28

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SEE SHEET 2 FOR BASIS OF
BEARINGS, LEGEND AND NOTES



Curve Table – This Sheet Only					
No.	Radius	Delta	Length	Chord Bearing	Chord Dist
C1	50.00'	90°00'00"	78.54'	N43°05'13"E	70.71'
C2	50.00'	90°00'00"	78.54'	N46°54'47"W	70.71'



SEE SHEET 2 FOR BASIS OF
BEARINGS, LEGEND AND NOTES

FINAL MAP OF SUBDIVISION No. PL18-0345
AMORUSO RANCH PHASE 1A
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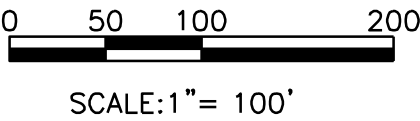
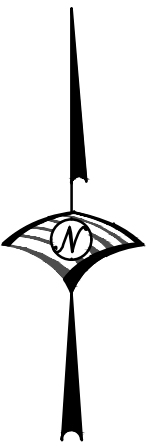
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3651.002

SEE SHEET 19

Curve Table - This Sheet Only					
No.	Radius	Delta	Length	Chord Bearing	Chord Dist
C1	50.00'	90°37'42"	79.09'	N43°24'03"E	71.10'
C2	952.00'	7°13'37"	120.08'	N84°03'10"W	120.00'
C3	952.00'	1°27'38"	24.27'	N55°16'14"W	24.27'
C4	1048.00'	5°12'19"	95.21'	N57°08'35"W	95.18'
C5	50.00'	86°08'08"	75.17'	N16°40'41"W	68.29'
C6	524.00'	18°11'10"	166.32'	N17°17'48"E	165.62'
C7	524.00'	2°25'49"	22.23'	N25°10'29"E	22.23'
C8	524.00'	15°45'21"	144.09'	N16°04'54"E	143.64'
C9	421.00'	4°04'32"	29.95'	N52°32'43"E	29.94'
C10	404.50'	18°02'57"	127.42'	N79°03'44"E	126.90'
C11	50.00'	90°00'00"	78.54'	N46°54'47"W	70.71'
C12	1038.00'	10°31'00"	190.52'	N73°17'47"W	190.26'
C13	50.00'	85°34'19"	74.68'	N69°10'33"E	67.93'
C14	476.00'	18°11'10"	151.09'	N17°17'48"E	150.45'
C15	524.00'	19°15'45"	176.16'	N17°50'06"E	175.34'
C16	485.50'	21°46'29"	184.51'	N38°21'13"E	183.40'
C17	1068.00'	10°50'53"	202.21'	N73°27'44"W	201.91'
C18	20.00'	85°34'19"	29.87'	N69°10'33"E	27.17'
C19	476.00'	13°01'03"	108.15'	N19°52'52"E	107.91'
C20	476.00'	5°10'07"	42.94'	N10°47'17"E	42.92'
C21	524.00'	5°56'41"	54.37'	N11°10'34"E	54.34'
C22	524.00'	13°19'04"	121.80'	N20°48'26"E	121.52'
C23	1000.00'	9°04'11"	158.30'	N59°04'31"W	158.13'
C24	1000.00'	14°29'43"	252.99'	N70°51'28"W	252.32'
C25	1000.00'	23°33'54"	411.29'	N66°19'23"W	408.40'
C26	500.00'	18°11'10"	158.70'	N17°17'48"E	158.04'
C27	500.00'	42°18'13"	369.17'	N29°21'20"E	360.84'
C28	445.00'	37°34'46"	291.87'	N69°17'50"E	286.66'
C29	524.00'	19°15'45"	176.16'	N17°50'06"E	175.34'

Line Table - This Sheet Only		
No.	Bearing	Length
L1	N31°09'58"E	120.10'
L2	N31°09'58"E	35.84'
L3	N31°09'58"E	84.26'
L4	N26°23'23"E	52.17'
L5	N89°28'07"E	35.26'
L6	N54°32'25"W	100.61'
L7	N8°12'14"E	89.69'
L8	N50°30'27"E	30.95'
L9	N27°27'58"E	50.00'



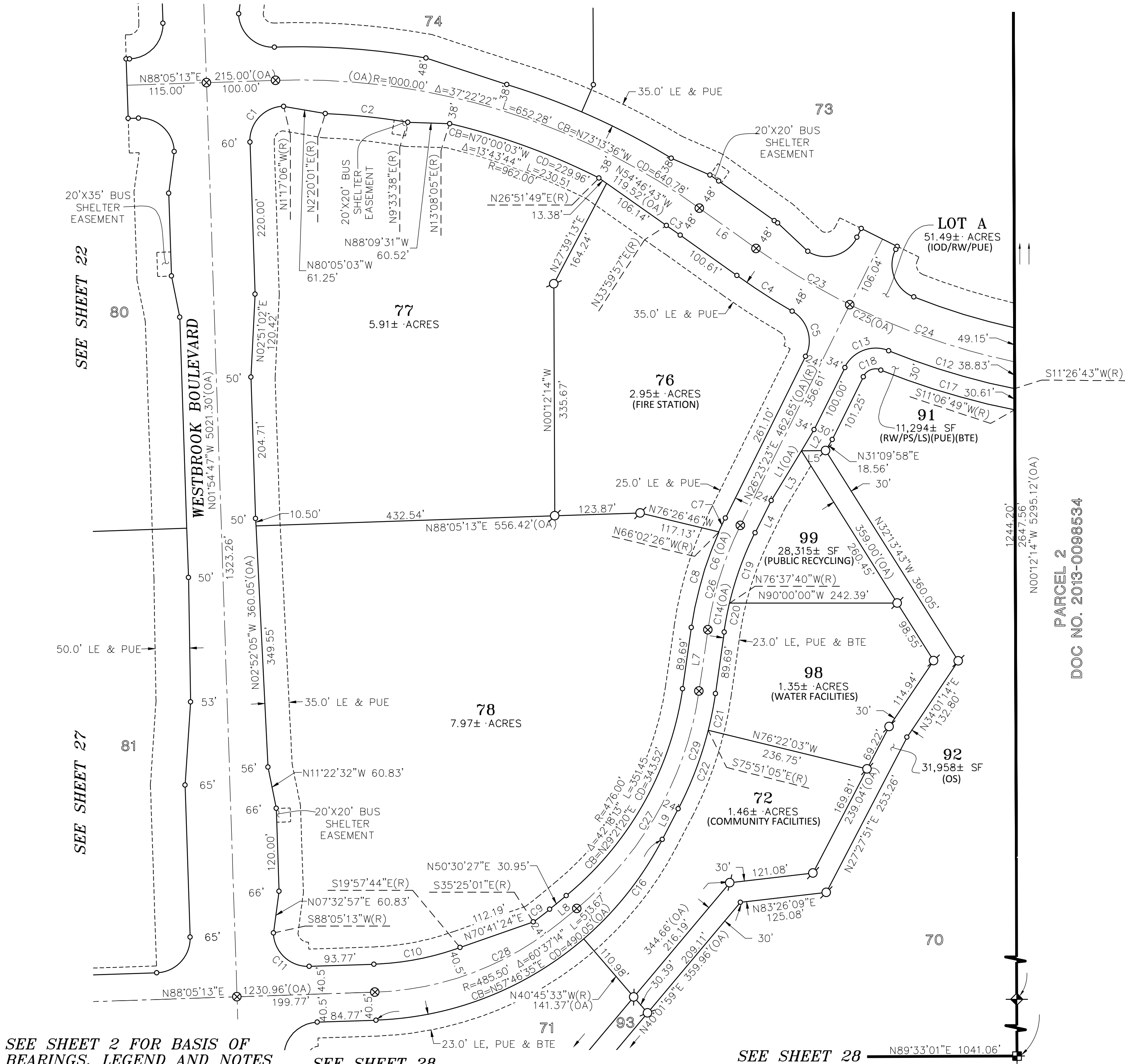
FINAL MAP OF SUBDIVISION No. PL18-0345
AMORUSO RANCH PHASE 1A
ALL THE LANDS OF THAT FINAL MAP OF AMORUSO RANCH PHASE 1
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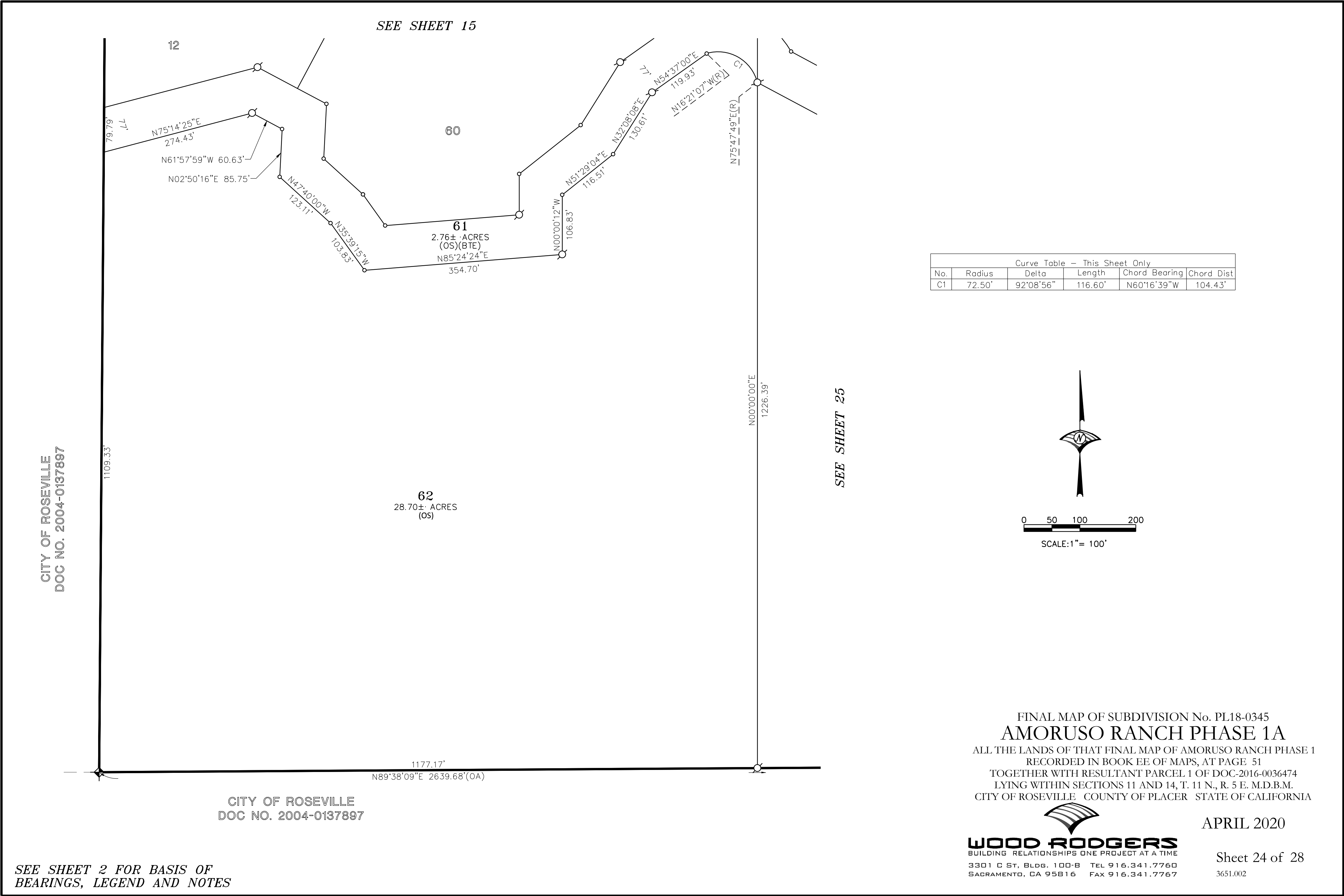


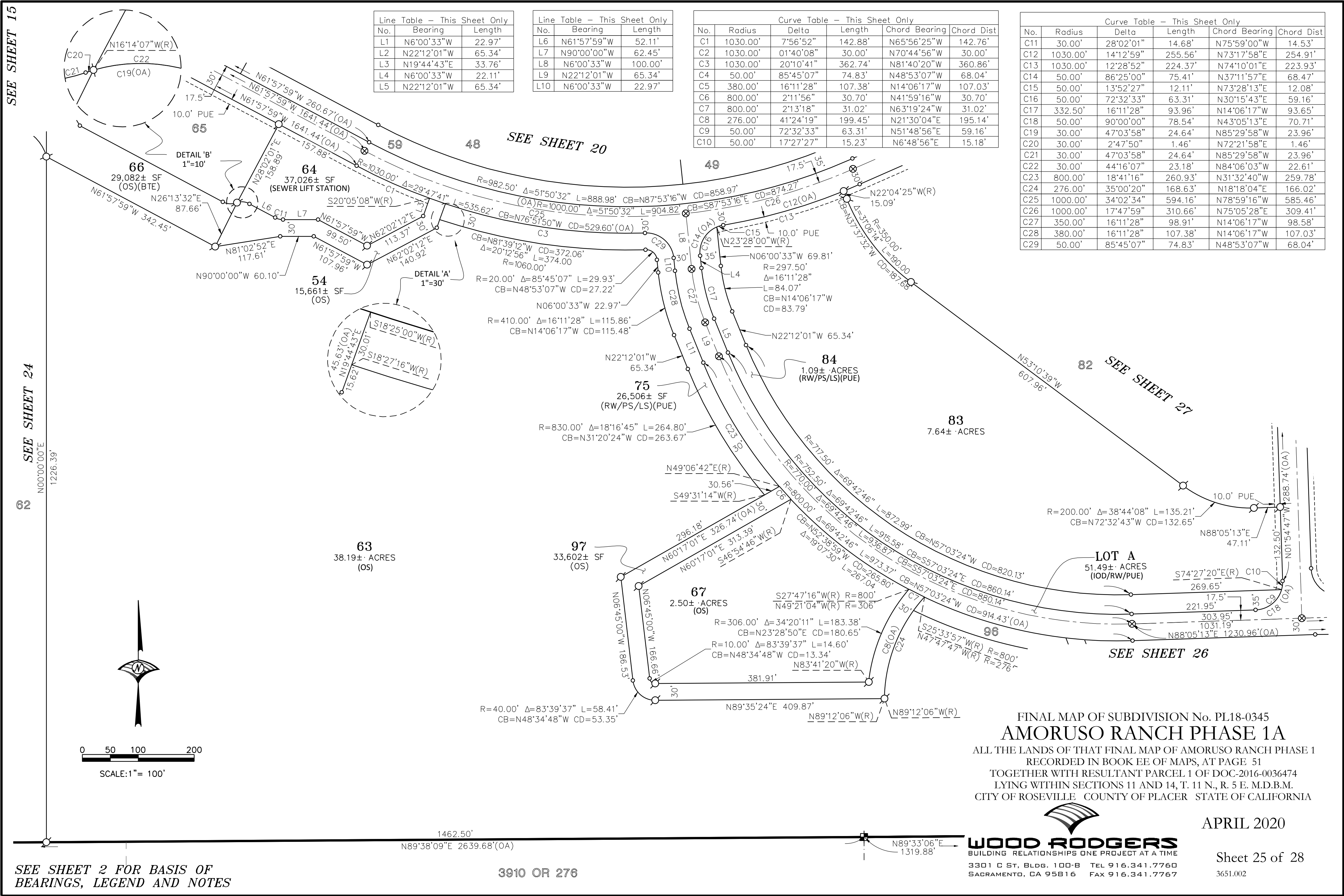
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SEE SHEET 28

SEE SHEET 28

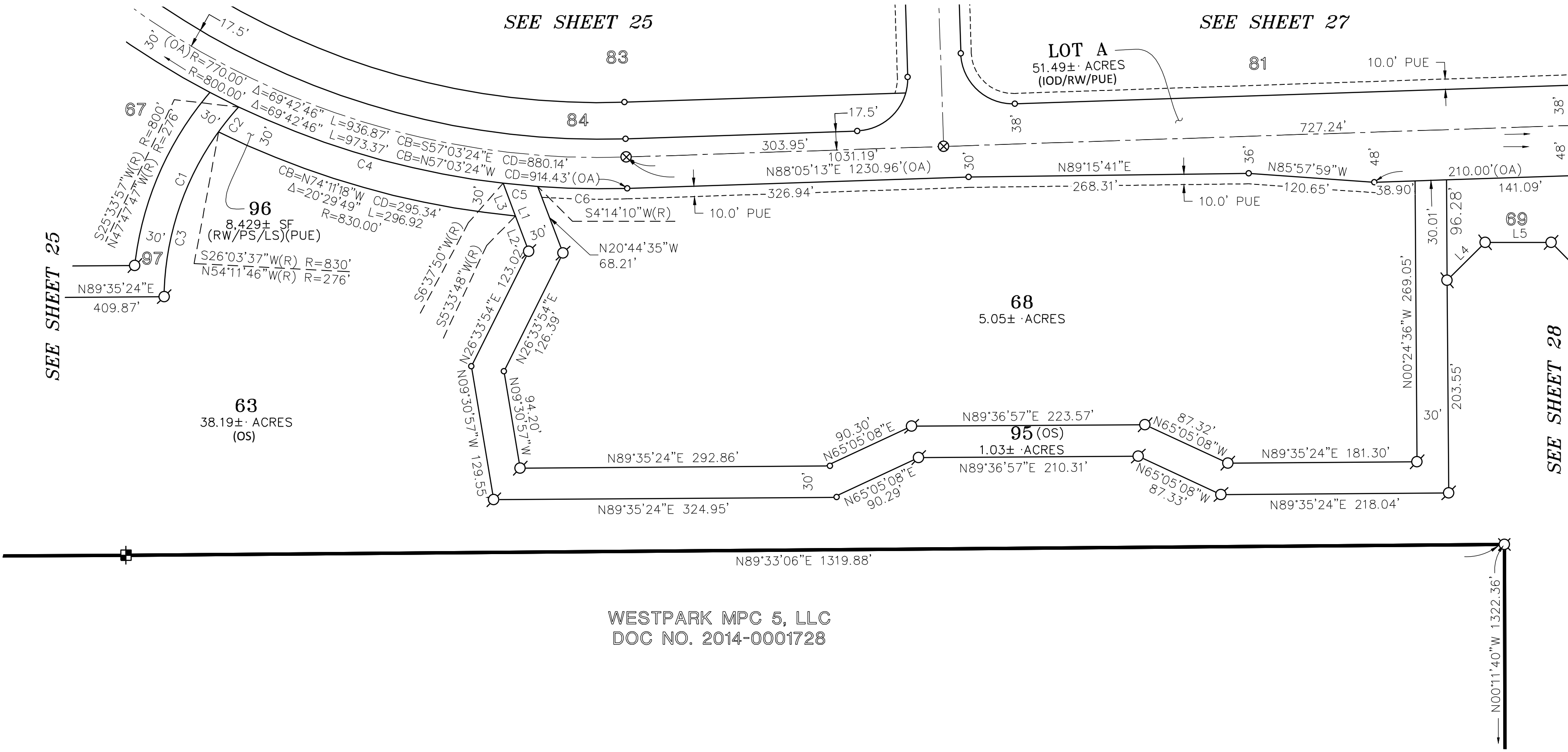
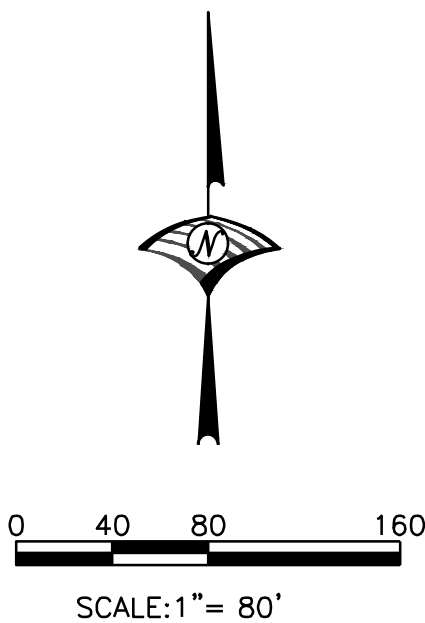
PARCEL 2
DOC NO. 2013-0098534





Curve Table — This Sheet Only					
No.	Radius	Delta	Length	Chord Bearing	Chord Dist
C1	276.00'	41°24'19"	199.45'	N21°30'04"E	195.14'
C2	276.00'	6°23'59"	30.83'	N39°00'14"E	30.81'
C3	276.00'	35°00'20"	168.63'	N18°18'04"E	166.02'
C4	800.00'	18°56'08"	264.39'	N73°54'07"W	263.19'
C5	800.00'	2°23'40"	33.43'	N84°34'00"W	33.43'
C6	800.00'	6°08'58"	85.86'	N88°50'19"W	85.82'

Line Table — This Sheet Only		
No.	Bearing	Length
L1	N20°44'35"W	69.82'
L2	N20°44'35"W	36.20'
L3	N20°44'35"W	33.62'
L4	N44°59'46"E	51.40'
L5	N90°00'00"E	63.21'
L6	N45°00'00"W	53.29'



SEE SHEET 2 FOR BASIS OF
BEARINGS, LEGEND AND NOTES

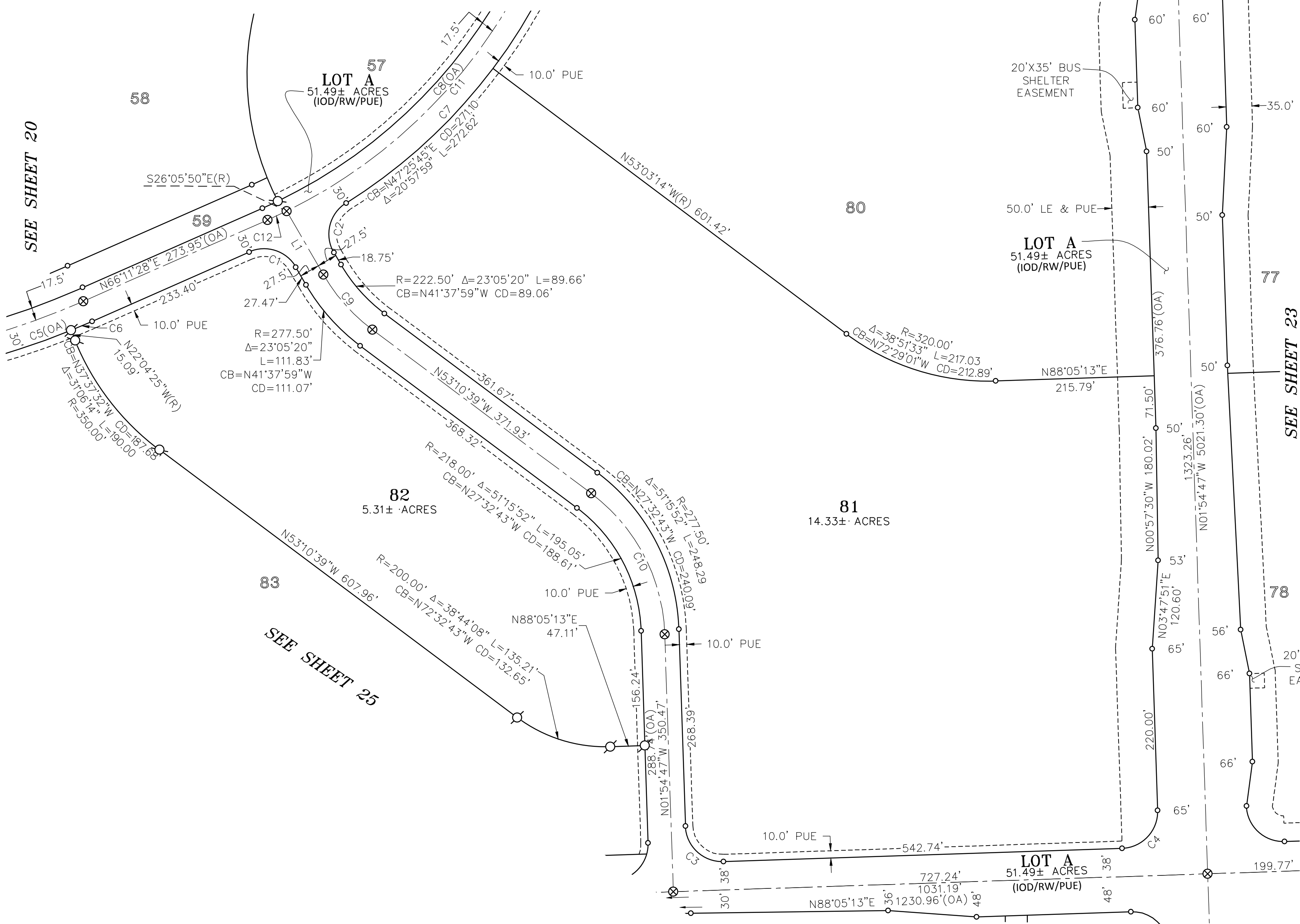
FINAL MAP OF SUBDIVISION No. PL18-0345
AMORUSO RANCH PHASE 1A
ALL THE LANDS OF THAT FINAL MAP OF AMORUSO RANCH PHASE 1
RECORDED IN BOOK EE OF MAPS, AT PAGE 51
TOGETHER WITH RESULTANT PARCEL 1 OF DOC-2016-0036474
LYING WITHIN SECTIONS 11 AND 14, T. 11 N., R. 5 E. M.D.B.M.
CITY OF ROSEVILLE COUNTY OF PLACER STATE OF CALIFORNIA


WOOD RODGERS
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
3301 C ST, BLDG. 100-B TEL 916.341.7760
SACRAMENTO, CA 95816 FAX 916.341.7767

APRIL 2020

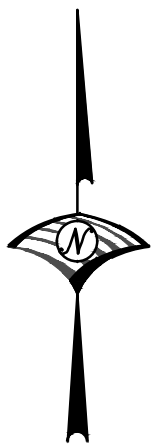
Sheet 26 of 28
3651.002

SEE SHEET 22



Line Table — This Sheet Only		
No.	Bearing	Length
L1	N30°05'19"W	100.00'

Curve Table — This Sheet Only					
No.	Radius	Delta	Length	Chord Bearing	Chord Dist
C1	50.00'	83°43'13"	73.06'	N71°56'55"W	66.73'
C2	50.00'	88°00'03"	76.80'	N13°54'43"E	69.47'
C3	50.00'	90°00'00"	78.54'	N46°54'47"W	70.71'
C4	50.00'	90°00'00"	78.54'	N43°05'13"E	70.71'
C5	1030.00'	14°12'59"	255.56'	N73°17'58"E	254.91'
C6	1030.00'	1°44'06"	31.19'	N67°03'31"E	31.19'
C7	745.00'	59°49'32"	777.89'	N27°59'58"E	743.03'
C8	715.00'	68°06'16"	849.88'	N32°08'20"E	800.73'
C9	250.00'	23°05'20"	100.74'	N41°37'59"W	100.06'
C10	250.00'	51°15'52"	223.68'	N27°32'43"W	216.30'
C11	715.00'	65°48'57"	821.32'	N30°59'41"E	776.91'
C12	715.00'	2°17'19"	28.56'	N65°02'49"E	28.56'



0 50 100 200
SCALE: 1" = 100'

FINAL MAP OF SUBDIVISION No. PL18-0345
AMORUSO RANCH PHASE 1A

ALL THE LANDS OF THAT FINAL MAP OF AMORUSO RANCH PHASE 1
RECORDED IN BOOK EE OF MAPS, AT PAGE 51
TOGETHER WITH RESULTANT PARCEL 1 OF DOC-2016-0036474
LYING WITHIN SECTIONS 11 AND 14, T. 11 N., R. 5 E. M.D.B.M.
CITY OF ROSEVILLE COUNTY OF PLACER STATE OF CALIFORNIA



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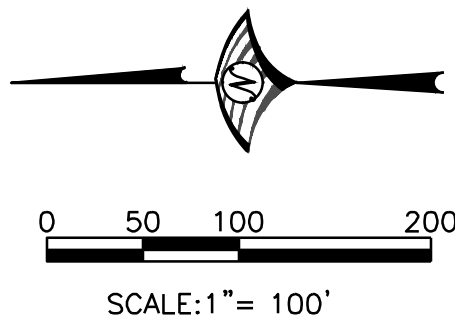
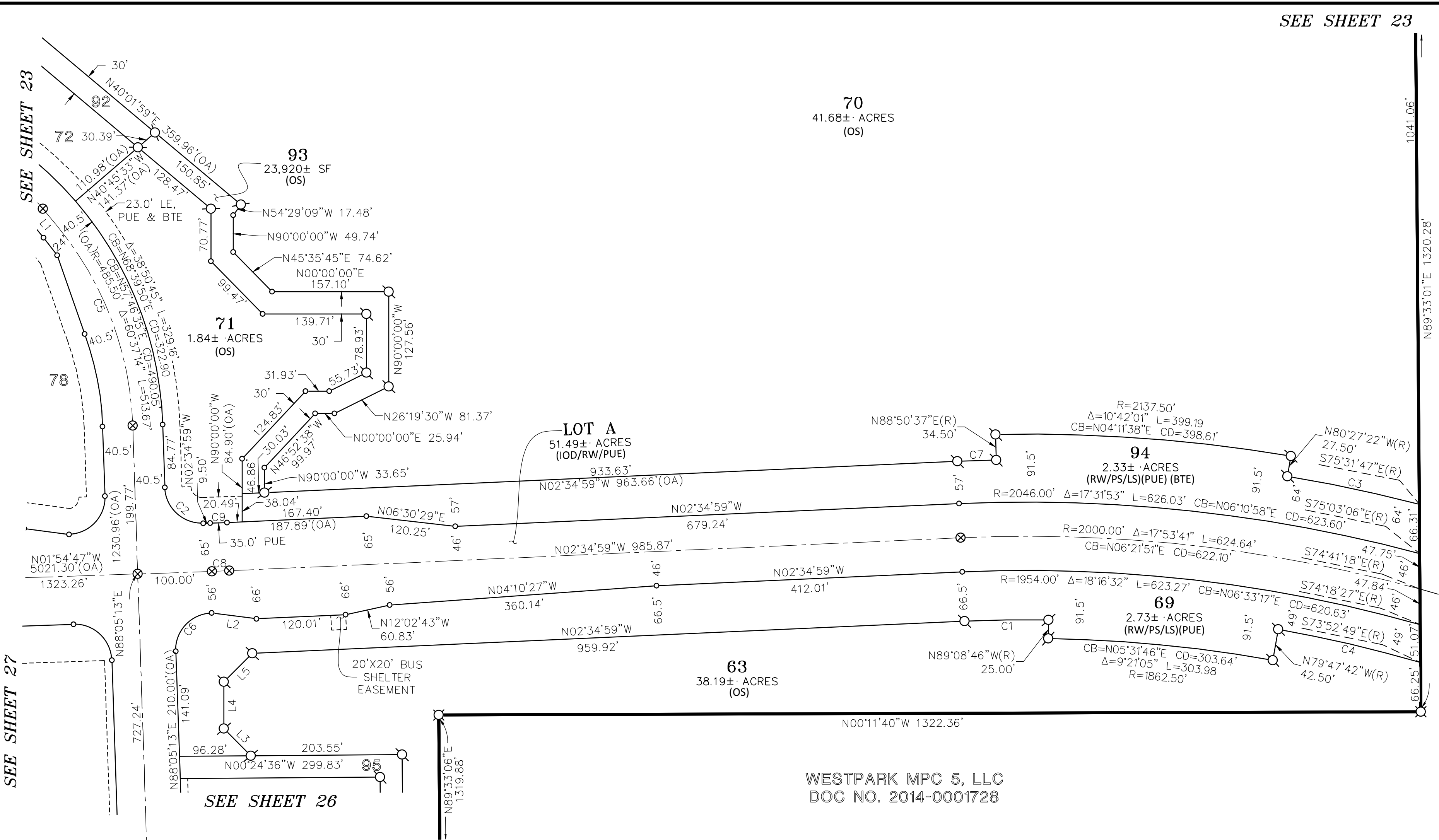
APRIL 2020

Sheet 27 of 28

3651.002

SEE SHEET 2 FOR BASIS OF
BEARINGS, LEGEND AND NOTES

SEE SHEET 23



Line Table - This Sheet Only		
No.	Bearing	Length
L1	N50°30'27"E	30.95'
L2	N07°02'58"W	60.74'
L3	N44°59'46"E	51.40'
L4	N90°00'00"E	63.21'
L5	N45°00'00"W	53.29'

Curve Table - This Sheet Only					
No.	Radius	Delta	Length	Chord Bearing	Chord Dist
C1	1887.50'	3°26'12"	113.22'	N00°51'53"W	113.20'
C2	50.00'	90°00'00"	78.54'	N43°05'13"E	70.71'
C3	2110.00'	4°55'35"	181.42'	N12°00'26"E	181.36'
C4	1905.00'	5°54'52"	196.65'	N13°09'45"E	196.56'
C5	445.00'	37°34'46"	291.87'	N69°17'50"E	286.66'
C6	50.00'	90°00'00"	78.54'	N46°54'47"W	70.71'
C7	2103.00'	1°25'36"	52.37'	N01°52'11"W	52.37'
C8	2000.00'	0°40'11"	23.38'	N02°14'53"W	23.38'
C9	1935.00'	0°40'11"	22.62'	N02°14'53"W	22.62'

FINAL MAP OF SUBDIVISION No. PL18-0345
AMORUSO RANCH PHASE 1A
ALL THE LANDS OF THAT FINAL MAP OF AMORUSO RANCH PHASE 1
RECORDED IN BOOK EE OF MAPS, AT PAGE 51
TOGETHER WITH RESULTANT PARCEL 1 OF DOC-2016-0036474
LYING WITHIN SECTIONS 11 AND 14, T. 11 N., R. 5 E. M.D.B.M.
CITY OF ROSEVILLE COUNTY OF PLACER STATE OF CALIFORNIA

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SACRAMENTO, CA 95816 FAX 916.341.7767

APRIL 2020

Sheet 28 of 28
3651.002

SEE SHEET 2 FOR BASIS OF
BEARINGS, LEGEND AND NOTES



COUNCIL COMMUNICATION

CC #: 0695
File #: 0400-07

Title: Creekview - Phase 1 Large Lot Subdivision Final Map
Contact: Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

Meeting Date: 4/15/2020
Item #: 6.17.

RECOMMENDATION TO COUNCIL

It is recommended that the City Council take the following actions:

1. Approve the final map on file with the City Clerk but reject at this time, on behalf of the public, all irrevocable offers of dedication as offered thereon and approve the abandonment of the easement listed thereon.

BACKGROUND

The Development Services - Engineering Division has reviewed the subject final map and found that it is in compliance with the Subdivision Map Act and the City's Subdivision Ordinance and all conditions of the tentative map have been met.

This map will be creating 19 large lots for future development, 2 public park lots, 2 public open space lots, 1 sanitary sewer lift station lot, 1 public recycling center lot and 1 water treatment/well site lot.

FISCAL IMPACT

There is no fiscal impact to the City's General Fund associated with this approval.

ENVIRONMENTAL REVIEW

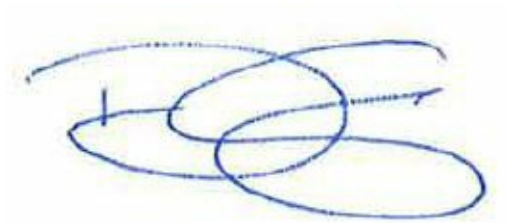
Approval of the Creekview Phase 1 Large Lot Subdivision final map is an action that is subject to California Environmental Quality Act (CEQA). Project level CEQA compliance for the Creekview Phase 1 Large Lot Subdivision final map was accomplished with the preparation of the Creekview Specific Plan EIR (Adopted in April 2011) (SCH#2008032017) and the Addendum to the Creekview Specific Plan EIR approved by the City of Roseville on October 23, 2019. Because the Creekview Phase 1 Large Lot Subdivision final map is consistent with

the project evaluated in the Creekview Specific Plan EIR and the Addendum, no new effects would be expected to occur and all applicable mitigation measures from the Creekview Specific Plan EIR and the Addendum will be implemented. As such, no additional CEQA action is required at this time.

Respectfully Submitted,

Kerry Andrews, Assistant Engineer

Mike Isom, Development Services Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Creekview Phase 1 Large Lot Final Map

OWNER'S STATEMENT

THE UNDERSIGNED HEREBY CERTIFY THAT THEY ARE THE ONLY PERSONS HAVING ANY RECORD TITLE INTEREST IN THE REAL PROPERTY INCLUDED WITHIN THE SUBDIVISION SHOWN UPON THIS FINAL MAP OF "CREEKVIEW - PHASE 1 LARGE LOT SUBDIVISION" AND THEY HEREBY CONSENT TO THE PREPARATION AND RECORDATION OF THIS FINAL MAP AND HEREBY OFFER FOR DEDICATION AND DO HEREBY DEDICATE FOR SPECIFIC PURPOSES THE FOLLOWING:

THE REAL PROPERTY DESCRIBED BELOW IS IRREVOCABLY OFFERED FOR DEDICATION AS AN EASEMENT FOR PUBLIC PURPOSES:

- (A) PUBLIC EASEMENTS FOR THE INSTALLATION AND MAINTENANCE OF, BUT NOT LIMITED TO ELECTROLIERS, WATER AND GAS PIPES, SEWER AND DRAINAGE PIPES, AND FOR UNDERGROUND WIRE AND CONDUITS FOR ELECTRIC, TELEPHONE AND TELEVISION SERVICES AND TRAFFIC CONTROL APPURTENANCES TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER, UNDER AND ACROSS ALL THOSE AREAS SHOWN HEREON AS IOD/ROW (IRREVOCABLE OFFER OF DEDICATION/RIGHT OF WAY) AND THOSE STRIPS OF LAND LYING CONTIGUOUS TO THE RIGHT-OF-WAY AS SHOWN HEREON AND DESIGNATED "P.U.E." (PUBLIC UTILITY EASEMENT).
- (B) A PUBLIC EASEMENT FOR PEDESTRIAN / BICYCLE ACCESS AND THE INSTALLATION, REPAIR, REMOVAL OR REPLACEMENT OF LANDSCAPING TOGETHER WITH ANY AND ALL APPURTENANCES THERETO, ON, OVER, UNDER AND ACROSS LOTS 4, 5, 6, 7, 10, 22 AND 23, AND THOSE STRIPS OF LAND SHOWN HEREON AND DESIGNATED "PASEO EASEMENT" (P.E.).
- (C) A PUBLIC EASEMENT FOR THE INGRESS AND EGRESS OF EMERGENCY VEHICLES, TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER AND ACROSS THOSE STRIPS OF LAND SHOWN HEREON AND DESIGNATED EMERGENCY VEHICLE ACCESS EASEMENT (E.V.A.E.).
- (D) PUBLIC EASEMENT FOR THE INSTALLATION AND MAINTENANCE OF A BUS SHELTER TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER AND ACROSS THAT STRIP OF LAND SHOWN HEREON AND DESIGNATED "BUS SHELTER EASEMENT" (B.S.E.).
- (E) A PUBLIC EASEMENT FOR PEDESTRIAN AND BICYCLES ACCESS AND THE INSTALLATION AND MAINTENANCE OF THE BIKE PATH, TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON OVER AND ACROSS THOSE STRIPS OF LAND SHOWN HEREON AND DESIGNATED "BIKE PATH EASEMENT" (B.P.E.).
- (F) A PUBLIC EASEMENT FOR INGRESS AND EGRESS FOR THE PURPOSE OF CONSTRUCTION OF PUBLIC IMPROVEMENTS AND ANY AND ALL APPURTENANCES THERETO RELATED TO A STANDARD CITY OF ROSEVILLE PUBLIC STREET ON, OVER, UNDER, AND ACROSS BLUE OAKS BOULEVARD, WESTBROOK BOULEVARD, LOWER BANK DRIVE AND CLOUD DANCE DRIVE SHOWN HEREON AND DESIGNATED "CONSTRUCTION EASEMENT" (C.E.).

THE REAL PROPERTY DESCRIBED BELOW IS IRREVOCABLY OFFERED FOR DEDICATION IN FEE FOR PUBLIC PURPOSES:

- (A) AS PUBLIC RIGHT-OF-WAY BLUE OAKS BOULEVARD, BENCHMARK DRIVE, CLOUD DANCE DRIVE, DAYDREAM DRIVE, GRASSCREEK DRIVE, HOLT PARKWAY, LOWER BANK DRIVE, SKIPPING STONE WAY, WESTBROOK BOULEVARD AND WHISTLING BEND WAY, AND ALL THOSE AREAS SHOWN HEREON AS IOD/ROW (IRREVOCABLE OFFER OF DEDICATION/RIGHT OF WAY).
- (B) LOTS 28 AND 29 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR PUBLIC OPEN SPACE PURPOSES.
- (C) LOTS 15 AND 18 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR PUBLIC PARK PURPOSES.
- (D) LOT 21 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR A SANITARY SEWER LIFT STATION SITE.
- (E) LOT 26 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR RECYCLING CENTER SITE.
- (F) LOT 27 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR WATER TREATMENT/WELL SITE.

ANTHEM UNITED CREEKVIEW DEVELOPMENTS LIMITED PARTNERSHIP
A WASHINGTON LIMITED PARTNERSHIP

BY: _____

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA
COUNTY OF _____
ON _____ BEFORE ME, _____, A NOTARY PUBLIC

PERSONALLY APPEARED
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND AND OFFICIAL SEAL.

SIGNATURE PRINTED NAME
MY PRINCIPAL PLACE OF BUSINESS IS _____ COUNTY
MY COMMISSION EXPIRES: _____ MY COMMISSION NUMBER: _____

SUBDIVISION MAP ACT SECTION 66477.5 CERTIFICATE

PURSUANT TO SECTION 66477.5 OF THE SUBDIVISION MAP ACT THE CITY OF ROSEVILLE SHALL RECONVEY LOTS 21, 26 AND 27 AS DEDICATED HEREON, TO THE SUBDIVIDER NAMED BELOW IF THE CITY OF ROSEVILLE MAKES A DETERMINATION THAT THE SAME PUBLIC PURPOSE FOR WHICH THE PROPERTY WAS DEDICATED DOES NOT EXIST, OR THE PROPERTY OR ANY PORTION THEREOF IS NOT NEEDED FOR PUBLIC UTILITIES EXCEPT FOR ANY PORTION OF THE PROPERTY THAT IS REQUIRED FOR THE SAME PUBLIC PURPOSE OR PUBLIC UTILITIES.

SUBDIVIDER: ANTHEM UNITED CREEKVIEW DEVELOPMENTS LIMITED PARTNERSHIP
A WASHINGTON LIMITED PARTNERSHIP

ADDRESS: 3001 DOUGLAS BLVD., SUITE 200
ROSEVILLE, CA 95661

SURVEYOR'S STATEMENT

THIS MAP WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCE AT THE REQUEST OF ANTHEM UNITED CREEKVIEW DEVELOPMENTS LIMITED PARTNERSHIP, IN JANUARY, 2019, I HEREBY STATE THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN, THAT ALL THE MONUMENTS ARE OF THE CHARACTER AND OCCUPY THE POSITIONS INDICATED OR THAT THEY WILL BE SET IN THOSE POSITIONS BEFORE DECEMBER 31, 2021, AND THAT THE MONUMENTS ARE, OR WILL BE, SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, AND THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO THE CONDITIONALLY APPROVED TENTATIVE MAP.

MACKAY & SOMPS CIVIL ENGINEERS, INC.

BY: _____
PAUL FERGUSON, JR., PLS 9265
EXPIRATION DATE: MARCH 31, 2022

DATE: _____



CITY ENGINEER'S STATEMENT

I HEREBY STATE THAT I HAVE EXAMINED THIS FINAL MAP OF "CREEKVIEW - PHASE 1 LARGE LOT SUBDIVISION" AND FIND IT TO BE SUBSTANTIALLY THE SAME AS THE TENTATIVE MAP ON FILE AND ANY APPROVED ALTERATIONS THEREOF; THAT ALL PROVISIONS OF THE SUBDIVISION MAP ACT AND ALL APPLICABLE CITY ORDINANCES HAVE BEEN COMPLIED WITH.

DATE: _____
MARC STOUT, R.C.E. 69879
CITY ENGINEER, CITY OF ROSEVILLE
LICENSE EXPIRES: SEPTEMBER 30, 2020

I HEREBY STATE THAT I AM SATISFIED THIS FINAL MAP OF "CREEKVIEW - PHASE 1 LARGE LOT SUBDIVISION" IS TECHNICALLY CORRECT.

FOR MARC STOUT, CITY ENGINEER, CITY OF ROSEVILLE

DATE: _____
TIMOTHY G. BLAIR, PLS 8278
EXPIRES DECEMBER 31, 2021



CITY CLERK'S STATEMENT

I HEREBY CERTIFY THAT THE CITY COUNCIL, CITY OF ROSEVILLE, HAS APPROVED THIS FINAL MAP OF "CREEKVIEW - PHASE 1 LARGE LOT SUBDIVISION", BUT REJECTS AT THIS TIME ON BEHALF OF THE PUBLIC, BUT RESERVES THE RIGHT TO ACCEPT AT A LATER DATE, ALL IRREVOCABLE OFFERS OF DEDICATION IN ACCORDANCE WITH THE TERMS OF THOSE OFFERS, AND HEREBY APPROVES THE ABANDONMENT OF THE EASEMENT LISTED HEREON WITHIN NOTE 3 ON SHEET 2.

CITY CLERK, CITY OF ROSEVILLE
DATE: _____ BY: _____
ASSISTANT CITY CLERK

RECORDER'S STATEMENT

FILED THIS _____ DAY OF _____, 2020, AT _____ M. IN BOOK _____ OF MAPS, AT PAGE _____, IN THE OFFICE OF THE PLACER COUNTY RECORDER, AT THE REQUEST OF MACKAY & SOMPS CIVIL ENGINEERS, INC.

RECORDER OF PLACER COUNTY
STATE OF CALIFORNIA

BY: _____ FEE: \$ _____
DEPUTY

FINAL MAP OF
CREEKVIEW - PHASE 1
LARGE LOT SUBDIVISION
SUBDIVISION No. PL18-0190

BEING A MERGER AND RE-SUBDIVISION OF RESULTANT PARCELS 1, 2, 3 AND 4 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON JULY 18, 2019 AS INSTRUMENT NO. 2019-0050338, AND A PORTION OF THE NORTHEAST ONE-QUARTER OF SECTION 14 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON MAY 24, 2019 AS INSTRUMENT NO. 2019-0034778, OFFICIAL RECORDS OF PLACER COUNTY, WITHIN SECTION 14, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN

CITY OF ROSEVILLE • PLACER COUNTY • CALIFORNIA

Mackay & Somps
ENGINEERS PLANNERS SURVEYORS
1025 Creekside Ridge Drive, Suite 150, Roseville, CA 95678 (916) 773-1189

APRIL 2020

SHEET 1 OF 15 18431.RST

TRUSTEE'S STATEMENT

FIRST AMERICAN TITLE COMPANY, A NEBRASKA CORPORATION, AS TRUSTEE UNDER DEED OF TRUST RECORDED ON MAY 24, 2019, AS INSTRUMENT NO. 2019-34783, OFFICIAL RECORDS OF PLACER COUNTY, AGAINST THE LAND HEREIN SHOWN CONSENTS TO THE MAKING AND FILING OF THIS MAP.

BY: _____

BY: _____

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA

COUNTY OF _____

ON _____ BEFORE ME, _____, A NOTARY PUBLIC

PERSONALLY APPEARED _____ WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND AND OFFICIAL SEAL.

SIGNATURE _____ PRINTED NAME _____

MY PRINCIPAL PLACE OF BUSINESS IS _____ COUNTY

MY COMMISSION EXPIRES: _____ MY COMMISSION NUMBER: _____

NOTES:

1. ALL CURVES ARE DIMENSIONED WITH RADIUS, DELTA, ARC LENGTH, CHORD BEARING AND CHORD LENGTH. DISTANCES SHOWN HEREON ARE IN FEET AND DECIMALS THEREOF AND ARE "GROUND" DISTANCES. DUE TO ROUNDING, THE SUM OF INDIVIDUAL DIMENSIONS MAY NOT EQUAL THE OVERALL DIMENSION.
2. TOTAL AREA FOR THIS SUBDIVISION IS 461.327± ACRES, CONSISTING OF 18 LARGE LOTS, 1 COMMERCIAL LOT, 7 LANDSCAPE LOTS, 2 PUBLIC PARK LOTS, 2 PUBLIC OPEN SPACE LOTS, 1 CITY SANITARY SEWER LIFT STATION LOT, 1 CITY RECYCLING CENTER LOT AND 1 CITY WATER TREATMENT/WELL LOT.
3. PURSUANT TO GOVERNMENT CODE SECTION 66434(G), THE FOLLOWING PUBLIC EASEMENT IS HEREBY ABANDONED:

a. HIGHWAY EASEMENT DEED TO THE COUNTY OF PLACER RECORDED IN BOOK 3841, AT PAGE 544, O.R.P.C., LYING WITHIN LOTS 6 AND 7, AND BLUE OAKS BOULEVARD.
4. THIS PROPERTY IS SUBJECT TO AN EASEMENT FOR INGRESS, EGRESS AND UTILITY PURPOSES AND INCIDENTAL PURPOSES RECORDED ON SEPTEMBER 14, 1981 AS INSTRUMENT NO. 35702, IN BOOK 2431, AT PAGE 645, O.R.
5. THIS PROPERTY IS SUBJECT TO THE PROVISIONS OF A REPORT OF A MINOR SUBDIVISION, SUBDIVISIONS NO. P-75146, FOR THE PAYMENT OF FEES TO RELIEVE OVERCROWDING OF SCHOOL SERVING THE AREA RECORD ON MARCH 5, 1990 IN BOOK 3841, AT PAGE 538, O.R.
6. THIS PROPERTY IS SUBJECT TO THE THE TERMS AND PROVISIONS CONTAINED IN THAT CERTAIN DOCUMENT ENTITLED "DEVELOPMENT AGREEMENT BY AND BETWEEN THE CITY OF ROSEVILLE AND GRANITE BAY INVESTORS II, LLC, PHILLIPS ROAD 160 INVESTORS LIMITED PARTNERSHIP, PHILLIPS ROAD LAND, LLC, J & KD ENTERPRISES, LLC, SOULE INVESTMENTS, LLC, BENNETT WEST ROSEVILLE, LLC, DECOU WEST ROSEVILLE, LLC, BLUE OAKS - ROSEVILLE, LP, AND CHUANG RELATIVE TO THE CREEKVIEW SPECIFIC PLAN" RECORDED ON NOVEMBER 28, 2012 AS INSTRUMENT NO. 2012-0113752, O.R. AND THE SUBSEQUENT ASSIGNMENTS OF DEVELOPMENT AGREEMENT AS FOLLOWS:

a. THAT DOCUMENT ENTITLED "ASSIGNMENT OF DEVELOPMENT AGREEMENT" FROM CHUANG FAMILY PARTNERSHIP, A CALIFORNIA PARTNERSHIP, FELIX CHUANG AND MARK CHUANG TO ANTHEM UNITED CREEKVIEW DEVELOPMENTS LIMITED PARTNERSHIP, A WASHINGTON LIMITED PARTNERSHIP, RECORDED ON MARCH 13, 2019 AS INSTRUMENT NO. 2019-0015249. O.R.

b. THAT DOCUMENT ENTITLED "ASSIGNMENT OF DEVELOPMENT AGREEMENT" FROM PHILLIPS ROAD 160 INVESTORS, A CALIFORNIA LIMITED PARTNERSHIP, TO ANTHEM UNITED CREEKVIEW DEVELOPMENTS LIMITED PARTNERSHIP, A WASHINGTON LIMITED PARTNERSHIP, RECORDED ON MAY 24, 2019 AS INSTRUMENT NO. 2019-0015249. O.R.

c. THAT DOCUMENT ENTITLED "ASSIGNMENT OF DEVELOPMENT AGREEMENT" FROM PHILLIPS ROAD LAND, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY, SOULE INVESTMENTS, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY, AND J & KED ENTERPRISES, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY, TO ANTHEM UNITED CREEKVIEW DEVELOPMENTS LIMITED PARTNERSHIP, A WASHINGTON LIMITED PARTNERSHIP, RECORDED ON MARCH 13, 2019 AS INSTRUMENT NO. 2019-0034780 O.R.

c. THAT DOCUMENT ENTITLED "ASSIGNMENT OF DEVELOPMENT AGREEMENT" FROM BENNETT WEST ROSEVILLE, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY, AND DECOU WEST ROSEVILLE, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY, TO ANTHEM UNITED CREEKVIEW DEVELOPMENTS LIMITED PARTNERSHIP, A WASHINGTON LIMITED PARTNERSHIP, RECORDED ON MARCH 13, 2019 AS INSTRUMENT NO. 2019-0034781 O.R.

d. THAT DOCUMENT ENTITLED "ASSIGNMENT OF DEVELOPMENT AGREEMENT" FROM BLUE OAKS-ROSEVILLE, LP, A WASHINGTON LIMITED PARTNERSHIP, TO ANTHEM UNITED CREEKVIEW DEVELOPMENTS LIMITED PARTNERSHIP, A WASHINGTON LIMITED PARTNERSHIP, RECORDED ON MARCH 13, 2019 AS INSTRUMENT NO. 2019-0034782 O.R.
7. THIS PROPERTY IS SUBJECT TO THAT DOCUMENT ENTITLED "ASSIGNMENT OF LEASES, RENTS AND PURCHASE AGREEMENTS" RECORDED MAY 24, 2019 AS INSTRUMENT NO. 2019-0034784, O.R.

BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS MAP IS N 89°30'20" E AS SHOWN ON THE SOUTH LINE OF SECTION 14 PER THAT CERTAIN FINAL MAP ENTITLED "WESTPARK - PHASE 4 LARGE LOT SUBDIVISION" FILED FOR RECORD ON AUGUST 16, 2013 IN BOOK CC OF MAPS, AT PAGE 53, PLACER COUNTY RECORDS.

REFERENCES:

- (1) DOC.# 2019-0050337 (LLA)
- (2) 9 R.S. 56
- (3) 17 P.M. 102
- (4) 18 R.S. 15
- (5) 18 R.S. 64
- (6) BB MAPS 88
- (7) CC MAPS 53
- (8) EE MAPS 51

LEGEND:

- DIMENSION POINT
- FOUND MONUMENT AS NOTED
- ◆ FOUND SECTION CORNER AS NOTED
- FOUND QUARTER CORNER AS NOTED
- ⌀ SET 5/8" REBAR WITH PLASTIC CAP STAMPED "LS 9265"
- ⊙ SET COPPERWELD SURVEY MONUMENT WITH CENTER PUNCH IN MONUMENT WELL STAMPED "LS 9265"
- AC. ACRES
- BNDY BOUNDARY
- B.P.E. BIKE PATH EASEMENT
- B.S.E. BUS SHELTER EASEMENT
- C.E. CONSTRUCTION EASEMENT
- ESMT EASEMENT
- FD FOUND
- IOD/ROW IRREVOCABLE OFFER OF DEDICATION/RIGHT-OF-WAY
- I.P. IRON PIPE
- LLA LOT LINE ADJUSTMENT
- OD OUTSIDE DIAMETER
- (OA) OVERALL
- O.R. OFFICIAL RECORDS OF PLACER COUNTY
- P.E. PASEO EASEMENT
- P.G.E. PACIFIC GAS AND ELECTRIC COMPANY
- P.U.E. PUBLIC UTILITY EASEMENT
- S.F. SQUARE FEET
- (R) RADIAL BEARING
- (X) SHEET INDEX
- _____ BOUNDARY
- _____ LOT LINE
- _____ ADJACENT PROPERTY
- _____ RIGHT-OF-WAY
- - - - - EASEMENT/I.O.D.

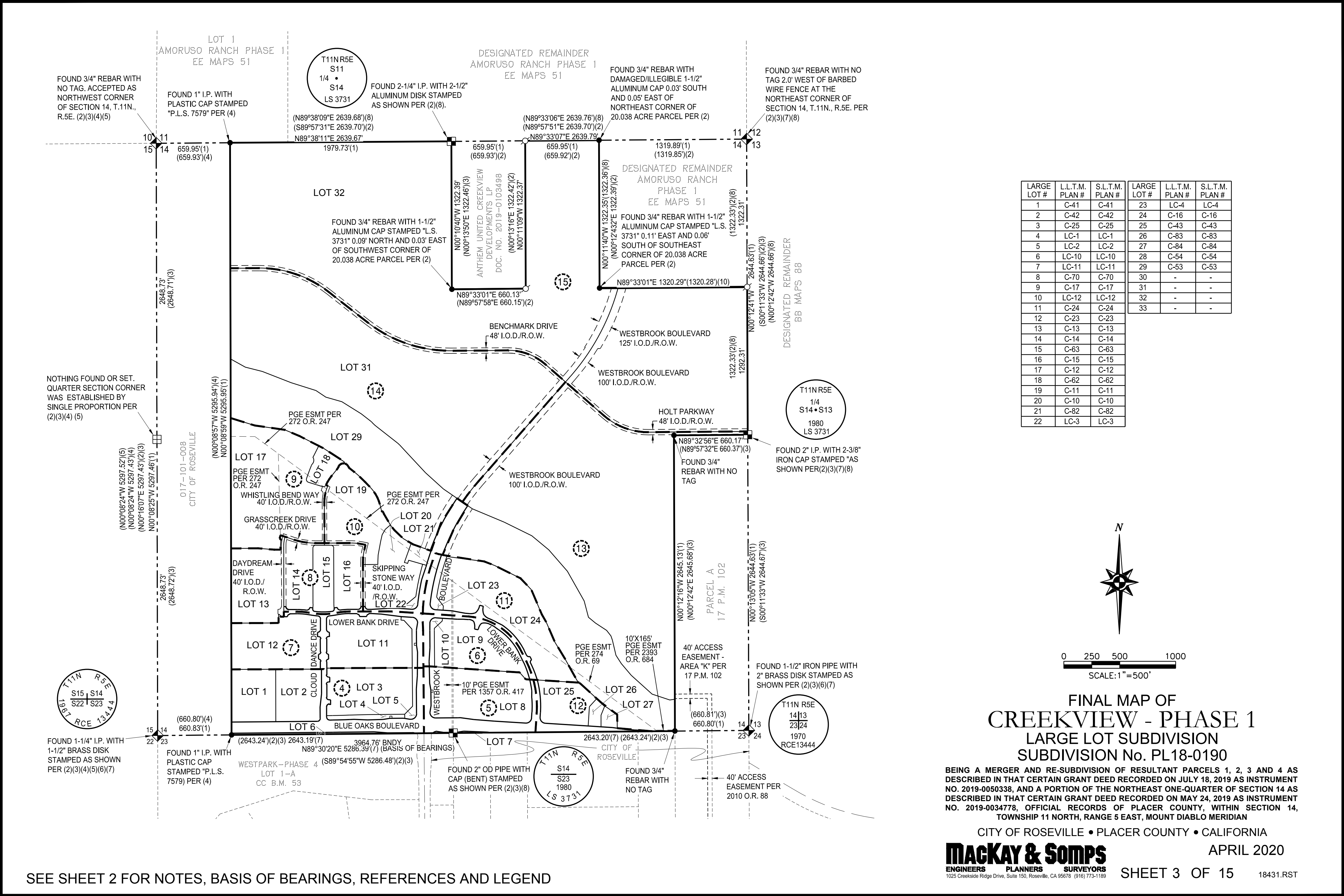
FINAL MAP OF
CREEKVIEW - PHASE 1
LARGE LOT SUBDIVISION
SUBDIVISION No. PL18-0190

BEING A MERGER AND RE-SUBDIVISION OF RESULTANT PARCELS 1, 2, 3 AND 4 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON JULY 18, 2019 AS INSTRUMENT NO. 2019-0050338, AND A PORTION OF THE NORTHEAST ONE-QUARTER OF SECTION 14 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON MAY 24, 2019 AS INSTRUMENT NO. 2019-0034778, OFFICIAL RECORDS OF PLACER COUNTY, WITHIN SECTION 14, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN

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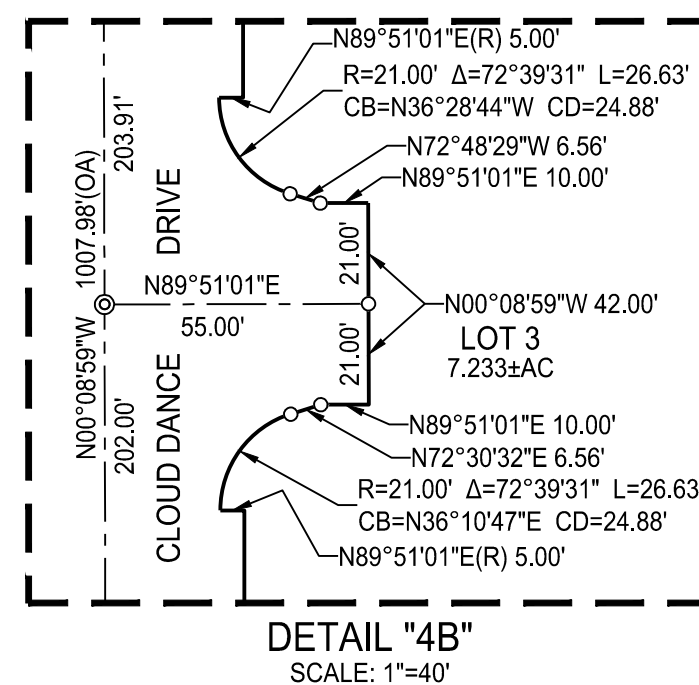
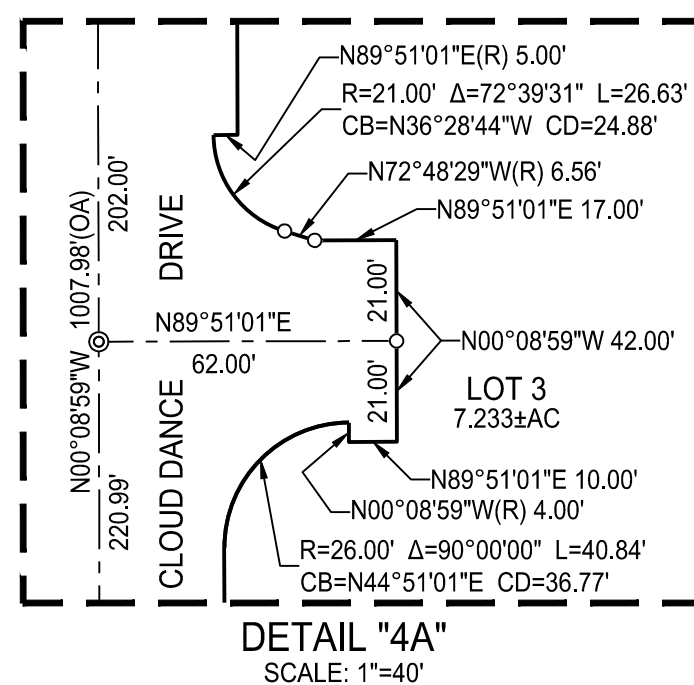
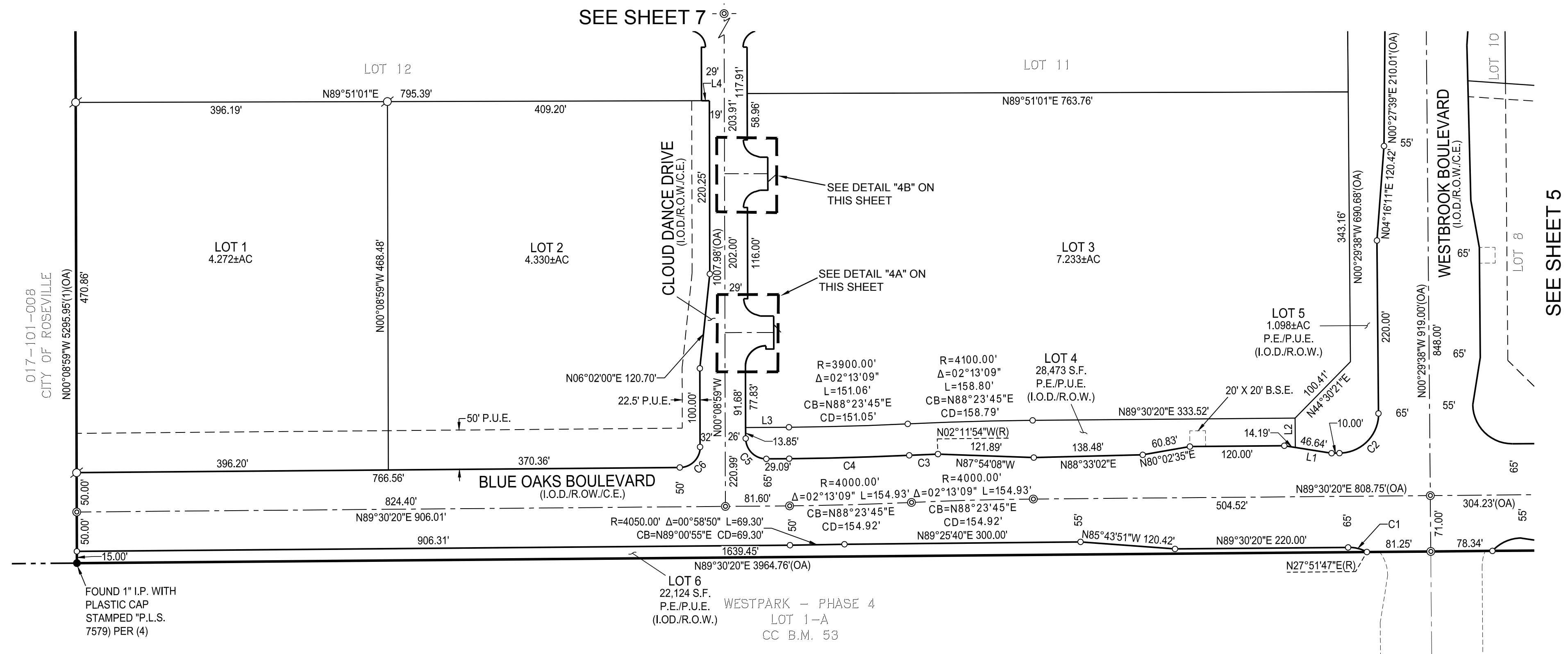
SEE SHEET 2 FOR NOTES, BASIS OF BEARINGS, REFERENCES AND LEGEND

BEING A MERGER AND RE-SUBDIVISION OF RESULTANT PARCELS 1, 2, 3 AND 4 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON JULY 18, 2019 AS INSTRUMENT NO. 2019-0050338, AND A PORTION OF THE NORTHEAST ONE-QUARTER OF SECTION 14 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON MAY 24, 2019 AS INSTRUMENT NO. 2019-0034778, OFFICIAL RECORDS OF PLACER COUNTY, WITHIN SECTION 14, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN

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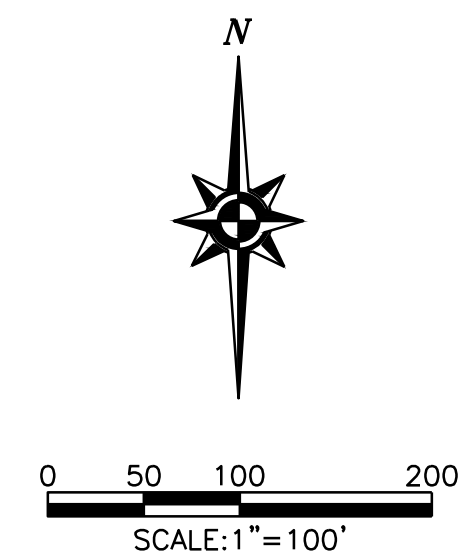
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SHEET 3 OF 15 18431.RST



Line Table		
Line #	Bearing	Length
L 1	N81°01'56"W	60.83'
L2	N00°29'40"W	37.33'
L3	N89°30'20"E	55.00'
L4	N89°51'01"E	10.00'

Curve Table					
Curve #	Radius	Delta	Length	Chord Bearing	Chord Length
C1	50.00'	28°21'27"	24.75'	N76°18'56"W	24.45'
C2	50.00'	89°59'58"	78.54'	N44°30'21"E	70.71'
C3	4060.00'	00°30'56"	36.52'	N87°32'39"E	36.52'
C4	3940.00'	02°13'09"	152.61'	N88°23'45"E	152.60'
C5	26.00'	90°20'42"	41.00'	N45°19'19"W	36.88'
C6	26.00'	89°39'18"	40.68'	N44°40'41"E	36.66'



FINAL MAP OF CREEKVIEW - PHASE 1 LARGE LOT SUBDIVISION SUBDIVISION No. PL18-0190

BEING A MERGER AND RE-SUBDIVISION OF RESULTANT PARCELS 1, 2, 3 AND 4 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON JULY 18, 2019 AS INSTRUMENT NO. 2019-0050338, AND A PORTION OF THE NORTHEAST ONE-QUARTER OF SECTION 14 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON MAY 24, 2019 AS INSTRUMENT NO. 2019-0034778, OFFICIAL RECORDS OF PLACER COUNTY, WITHIN SECTION 14, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN

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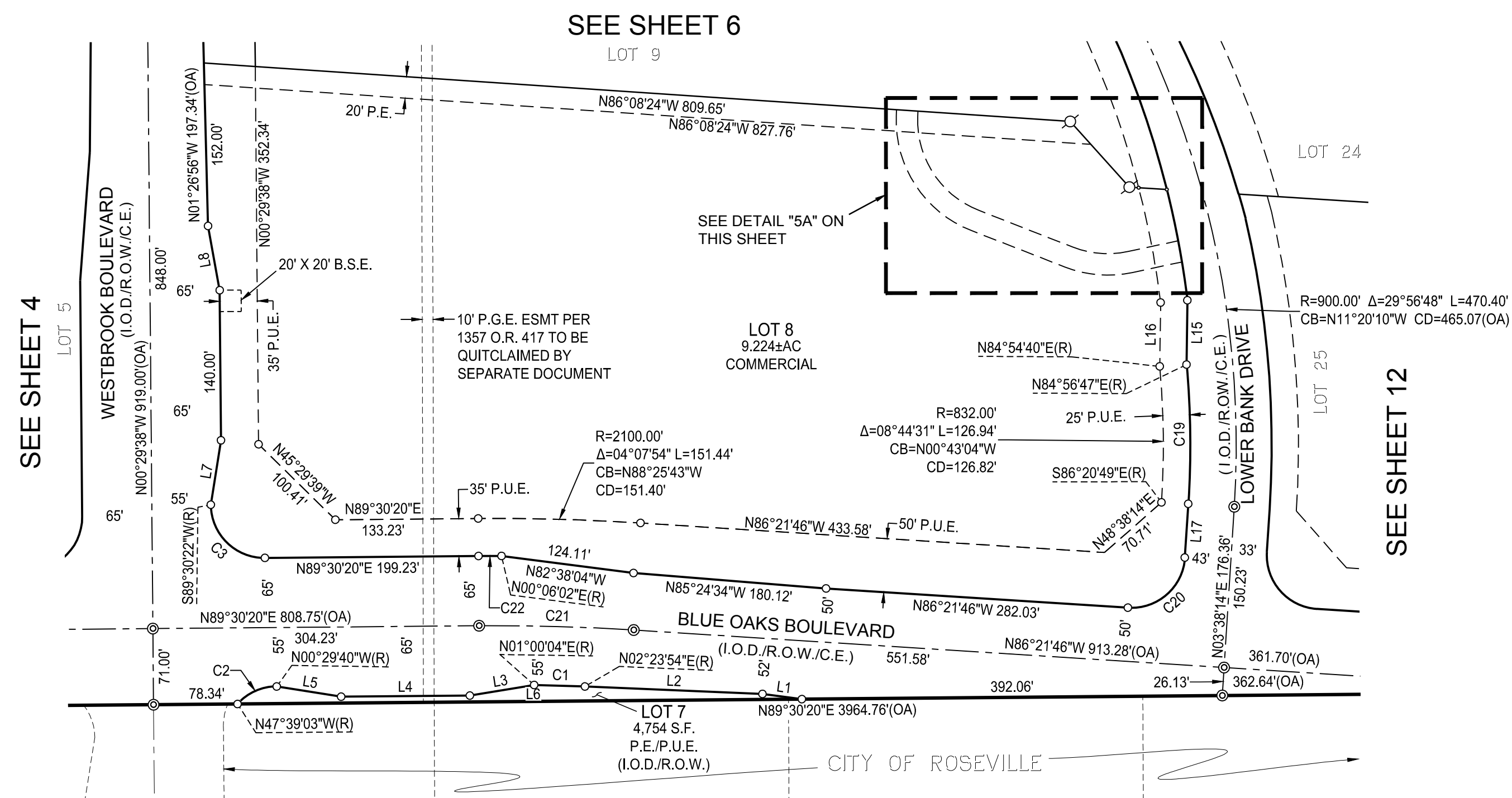
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SHEET 4 OF 15

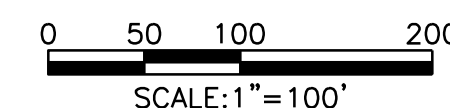
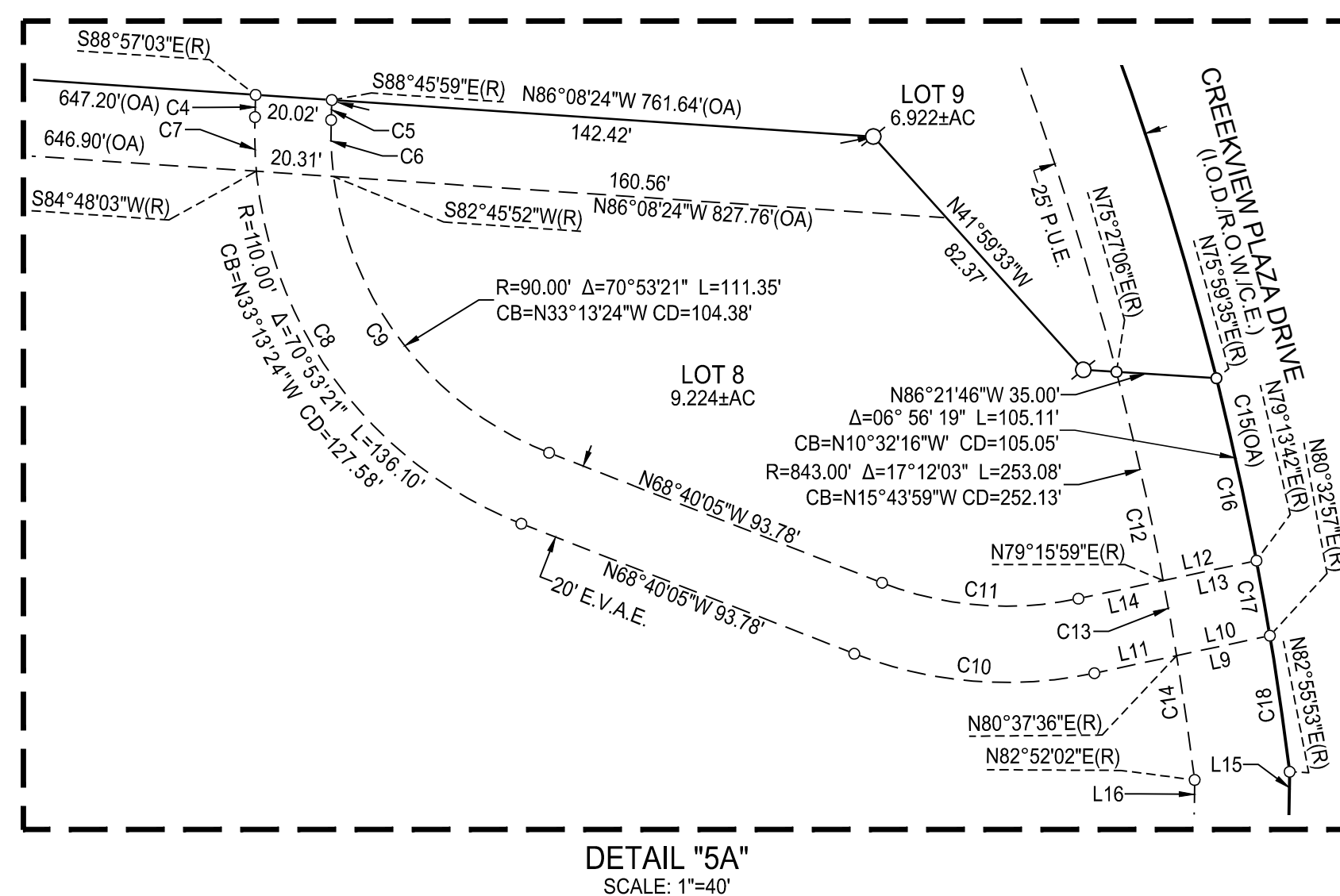
18431.RST

SEE SHEET 2 FOR NOTES, BASIS OF BEARINGS, REFERENCES AND LEGEND



Line Table		
Line #	Bearing	Length
L1	N82°29'17"W	37.0
L2	N87°36'06"W	165.6
L3	N80°39'36"E	60.7
L4	N89°30'20"E	120.0
L5	N81°01'56"W	60.8
L6	N89°30'20"E	526.2
L7	N08°58'06"E	60.8
L8	N10°15'56"W	60.8
L9	N77°56'30"E	47.0
L10	N77°56'30"E	25.0
L11	N77°56'30"E	22.0
L12	N77°56'30"E	47.7
L13	N77°56'30"E	25.0
L14	N77°56'30"E	22.7
L15	N00°46'21"E	60.0
L16	N00°47'55"E	59.5
L17	N03°38'14"E	50.2

Curve Table					
Curve #	Radius	Delta	Length	Chord Bearing	Chord Length
C1	1945.00'	01°23'50"	47.43'	N88°18'01"W	47.43'
C2	50.00'	47°09'23"	41.15'	N65°55'38"E	40.00'
C3	50.00'	90°00'02"	78.54'	N45°29'39"W	70.71'
C4	285.00'	01°10'19"	5.83'	N01°38'07"E	5.83'
C5	305.00'	00°59'15"	5.26'	N01°43'39"E	5.26'
C6	90.00'	09°27'24"	14.85'	N02°30'26"W	14.85'
C7	110.00'	07°25'14"	14.25'	N01°29'21"W	14.25'
C8	110.00'	63°28'07"	121.85'	N36°56'01"W	115.71'
C9	90.00'	61°25'57"	96.50'	N37°57'06"W	91.94'
C10	110.00'	33°23'25"	64.10'	N85°21'47"W	63.20'
C11	90.00'	33°23'25"	52.45'	N85°21'47"W	51.71'
C12	843.00'	03°48'53"	56.13'	N12°38'27"W	56.13'
C13	843.00'	01°21'37"	20.01'	N10°03'12"W	20.01'
C14	843.00'	02°14'27"	32.97'	N08°15'11"W	32.97'
C15	868.00'	17°17'37"	261.99'	N15°42'55"W	261.00'
C16	868.00'	03°14'07"	49.01'	N12°23'22"W	49.01'
C17	868.00'	01°19'15"	20.01'	N10°06'40"W	20.01'
C18	868.00'	02°22'57"	36.09'	N08°15'34"W	36.09'
C19	857.00'	08°41'28"	130.00'	N00°42'30"W	129.80'
C20	50.00'	90°00'00"	78.54'	N48°38'14"E	70.71'
C21	2000.00'	04°07'54"	144.23'	N88°25'43"W	144.15'
C22	2065.00'	00°35'42"	21.45'	N89°48'11"E	21.45'



FINAL MAP OF
CREEKVIEW - PHASE 1
LARGE LOT SUBDIVISION
SUBDIVISION No. PL18-0190

BEING A MERGER AND RE-SUBDIVISION OF RESULTANT PARCELS 1, 2, 3 AND 4 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON JULY 18, 2019 AS INSTRUMENT NO. 2019-0050338, AND A PORTION OF THE NORTHEAST ONE-QUARTER OF SECTION 14 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON MAY 24, 2019 AS INSTRUMENT NO. 2019-0034778, OFFICIAL RECORDS OF PLACER COUNTY, WITHIN SECTION 14, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN

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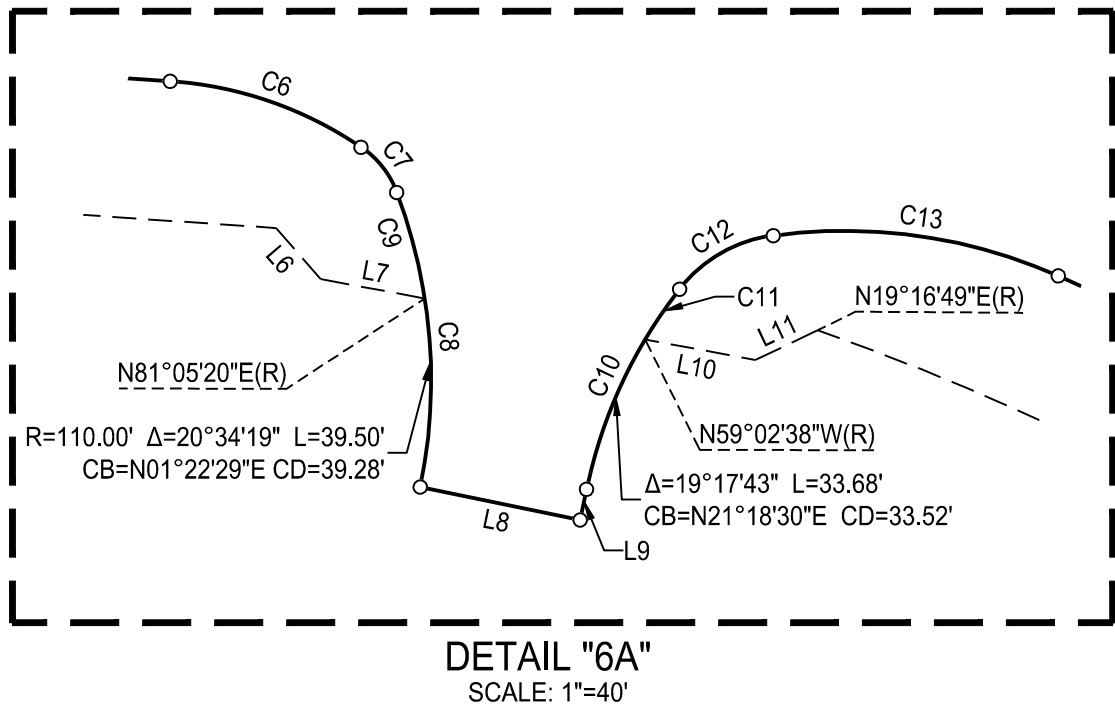
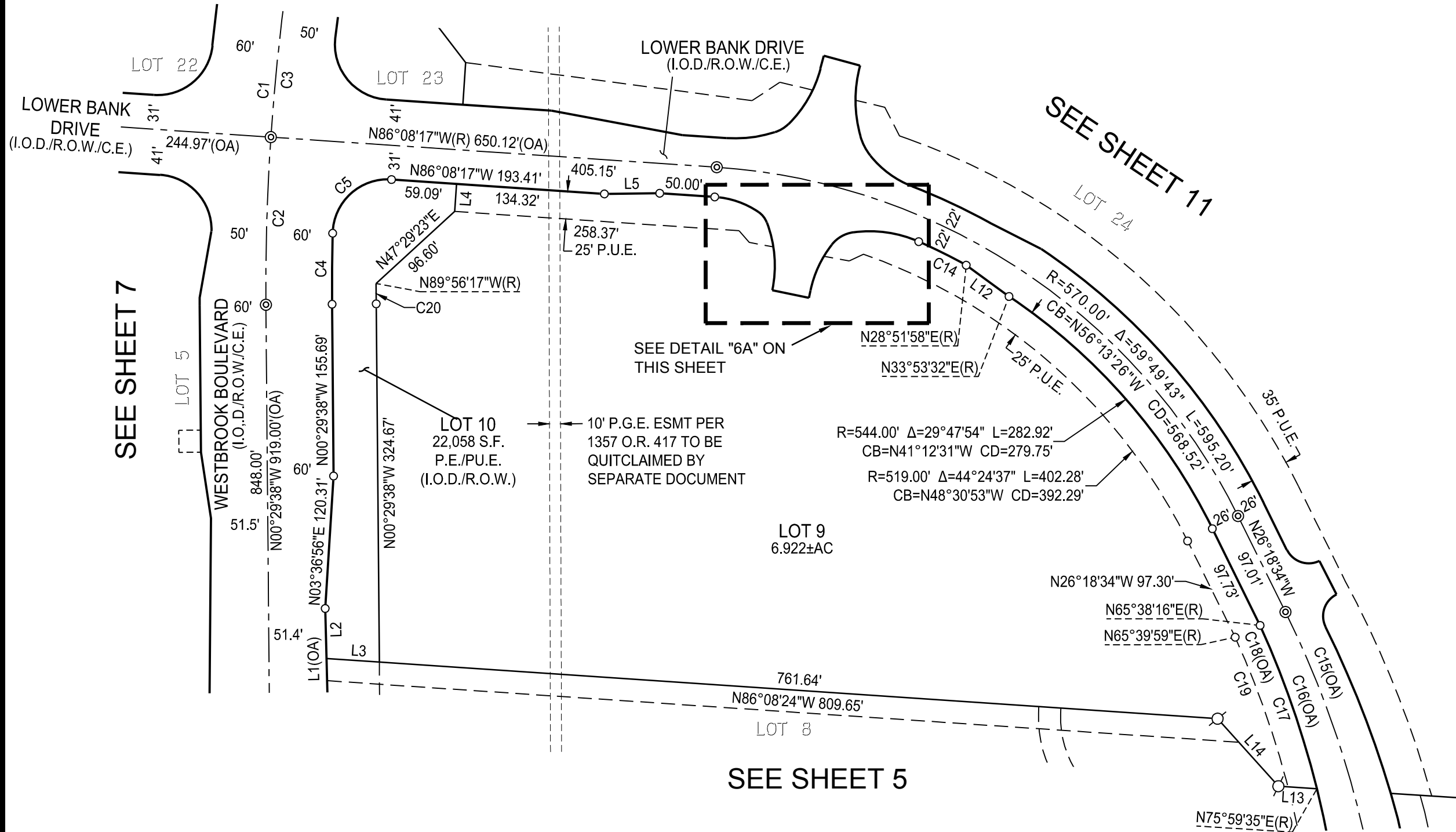
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SHEET 5 OF 15

18431 RST

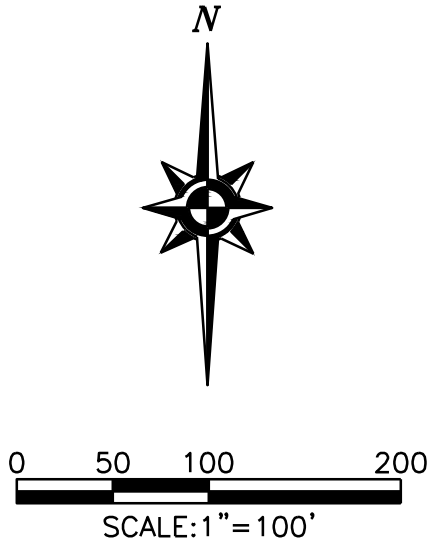
SEE SHEET 2 FOR NOTES, BASIS OF BEARINGS, REFERENCES AND LEGEND



Line Table		
Line #	Bearing	Length
L1	N01°26'56"W	197.34'
L2	N01°26'56"W	45.34'
L3	N86°08'24"W	48.00'
L4	N03°51'43"E	25.00'
L5	N89°17'17"E	50.16'
L6	N41°08'17"W	14.14'
L7	N79°27'57"W	22.03'
L8	N78°20'22"W(R)	34.00'
L9	N11°39'38"E	6.52'
L10	N79°27'57"W	23.35'
L11	N64°38'11"E	14.36'
L12	N53°50'59"W	48.05'
L13	N86°21'46"W	35.00'
L14	N41°59'33"W	82.37'

Curve Table					
Curve #	Radius	Delta	Length	Chord Bearing	Chord Length
C1	2000.00'	34°58'27"	1220.83'	N16°59'35"E	1201.96'
C2	2000.00'	04°21'21"	152.05'	N01°41'02"E	152.01'
C3	2000.00'	30°37'06"	1068.78'	N19°10'16"E	1056.11'
C4	1940.00'	01°53'58"	64.32'	N00°27'21"E	64.32'
C5	50.00'	92°27'23"	80.68'	N47°38'02"E	72.21'
C6	80.00'	30°28'00"	42.54'	N70°54'17"W	42.04'
C7	20.00'	34°50'33"	12.16'	N38°15'00"W	11.98'
C8	110.00'	32°29'22"	62.38'	N04°35'03"W	61.54'
C9	110.00'	11°55'03"	22.88'	N14°52'12"W	22.84'
C10	100.00'	26°34'24"	46.38'	N24°56'50"E	45.96'
C11	100.00'	07°16'41"	12.70'	N34°35'42"E	12.69'
C12	30.00'	43°59'00"	23.03'	N60°13'33"E	22.47'
C13	110.00'	31°37'22"	60.71'	N81°58'16"W	59.94'
C14	548.00'	05°01'33"	48.07'	N63°38'48"W	48.05'
C15	900.00'	29°56'48"	470.40'	N11°20'10"W	465.07'
C16	868.00'	17°17'37"	261.99'	N15°42'55"W	261.00'
C17	868.00'	10°21'19"	156.88'	N19°11'04"W	156.66'
C18	843.00'	17°12'03"	253.08'	N15°43'59"W	252.13'
C19	843.00'	09°47'07"	143.97'	N19°26'27"W	143.80'
C20	1900.00'	00°33'21"	18.43'	N00°12'58"W	18.43'

SEE SHEET 2 FOR NOTES, BASIS OF BEARINGS, REFERENCES AND LEGEND



FINAL MAP OF
CREEKVIEW - PHASE 1
LARGE LOT SUBDIVISION
SUBDIVISION No. PL18-0190

BEING A MERGER AND RE-SUBDIVISION OF RESULTANT PARCELS 1, 2, 3 AND 4 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON JULY 18, 2019 AS INSTRUMENT NO. 2019-0050338, AND A PORTION OF THE NORTHEAST ONE-QUARTER OF SECTION 14 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON MAY 24, 2019 AS INSTRUMENT NO. 2019-0034778, OFFICIAL RECORDS OF PLACER COUNTY, WITHIN SECTION 14, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN

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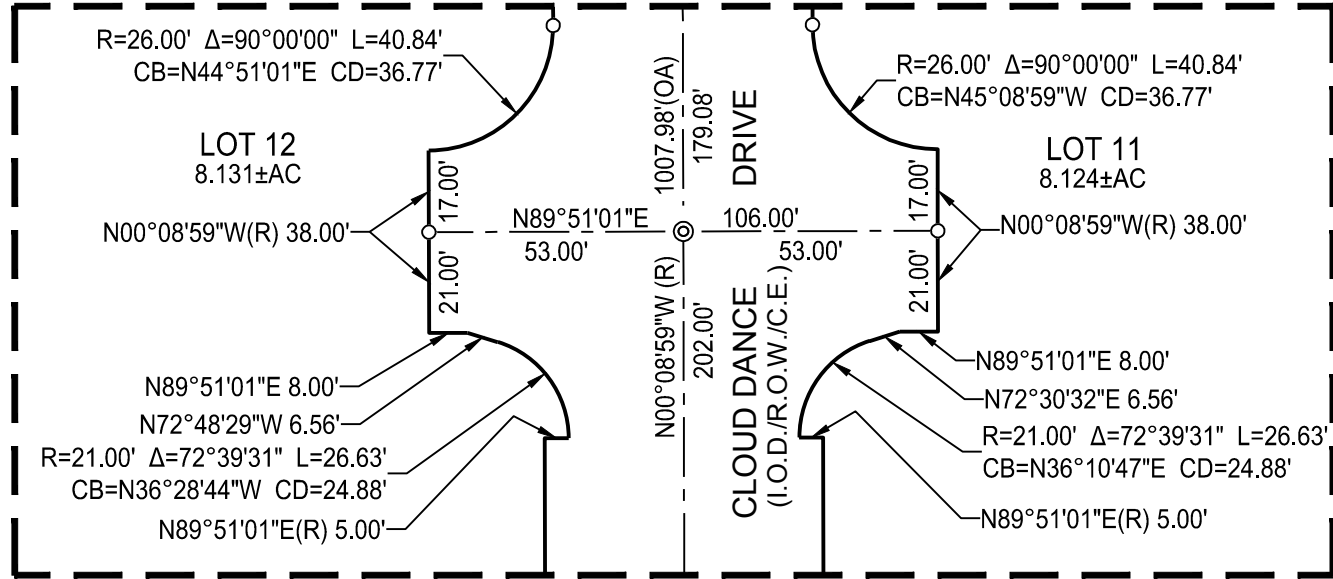
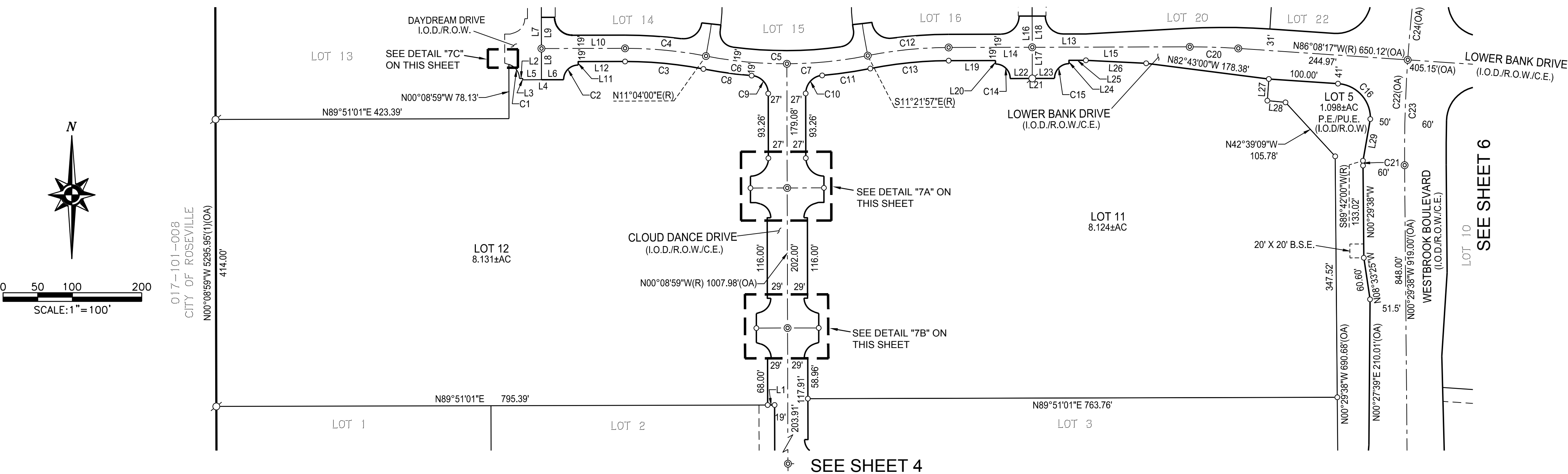
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SHEET 6 OF 15

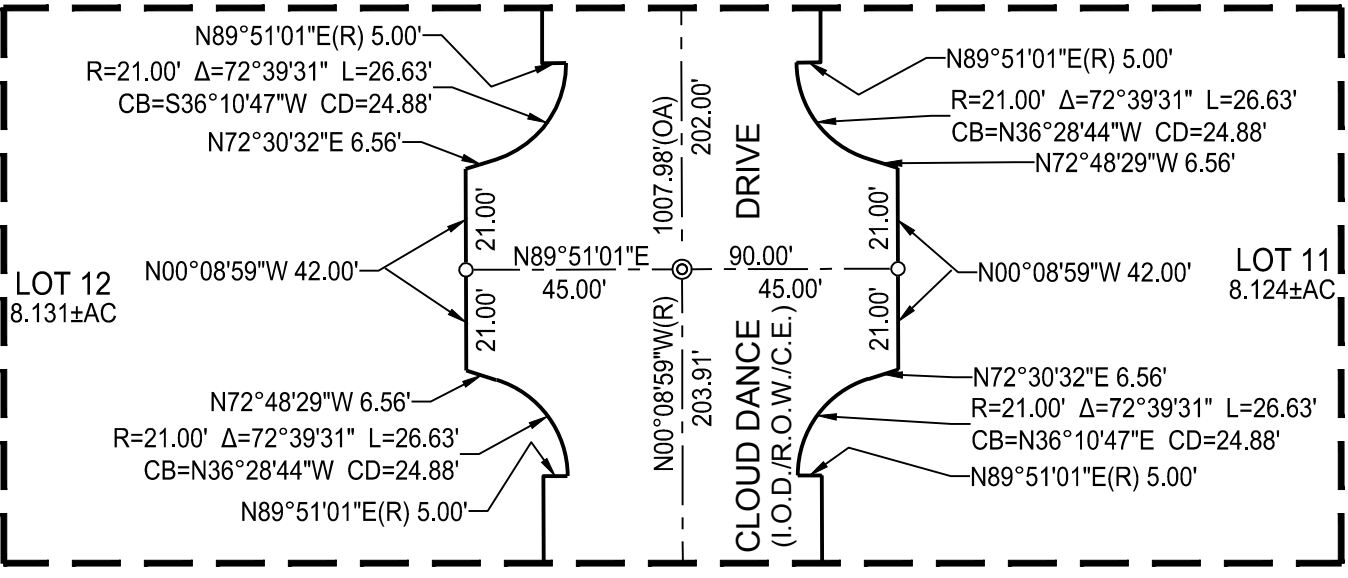
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SEE SHEET 8

SEE SHEET 10



DETAIL "7A"
SCALE: 1"=40'

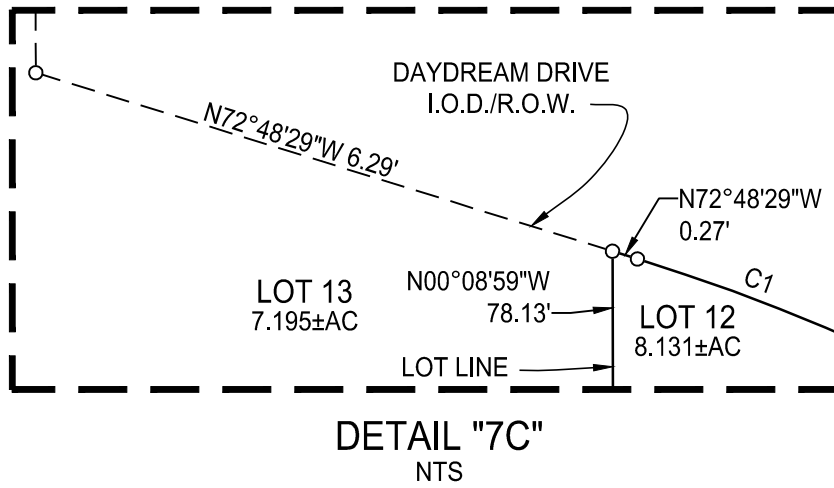


DETAIL "7B"
SCALE: 1"=40'

Curve Table					
Curve #	Radius	Delta	Length	Chord Bearing	Chord Length
C1	21.00'	72°39'31"	26.63'	N36°28'44"W	24.88'
C2	21.00'	90°00'00"	32.99'	N44°51'01"E	29.70'
C3	581.00'	11°12'59"	113.74'	N84°32'29"W	113.56'
C4	600.00'	11°12'59"	117.46'	N84°32'29"W	117.27'
C5	600.00'	22°25'58"	234.91'	N89°51'01"E	233.42'
C6	600.00'	11°12'59"	117.46'	N84°32'29"W	117.27'
C7	600.00'	11°12'59"	117.46'	N84°14'32"E	117.27'
C8	619.00'	06°30'11"	70.26'	N82°11'05"W	70.22'
C9	26.00'	85°17'12"	38.70'	N42°47'35"W	35.23'
C10	26.00'	85°17'12"	38.70'	N42°29'37"E	35.23'
C11	619.00'	06°30'11"	70.26'	N81°53'08"E	70.22'
C12	600.00'	11°12'59"	117.46'	N84°14'32"E	117.27'
C13	581.00'	11°12'59"	113.74'	N84°14'32"E	113.56'
C14	21.00'	90°00'00"	32.99'	N45°08'59"W	29.70'
C15	21.00'	90°00'00"	32.99'	N44°51'01"E	29.70'
C16	50.00'	87°30'59"	76.37'	N42°22'48"W	69.16'
C20	1000.00'	04°00'41"	70.01'	N88°08'38"W	70.00'
C21	2060.00'	00°11'39"	6.98'	N00°23'49"W	6.98'
C22	2000.00'	34°58'27"	1220.83'	N16°59'35"E	1201.96'
C23	2000.00'	04°21'21"	152.05'	N01°41'02"E	152.01'
C24	2000.00'	30°37'06"	1068.78'	N19°10'16"E	1056.11'

Line Table		
Line #	Bearing	Length
L1	N89°51'01"E	10.00'
L2	N89°51'01"E(R)	5.00'
L3	N00°08'59"W	2.00'
L4	N89°51'01"E(R)	59.00'
L5	N89°51'01"E	27.00'
L6	N89°51'01"E(R)	32.00'
L7	N00°08'59"W	631.42'
L8	N00°08'59"W	45.00'
L9	N00°08'59"W	45.00'
L10	N89°51'01"E(R)	120.58'
L11	N00°08'59"W	5.00'
L12	N89°51'01"E	67.58'
L13	N89°51'01"E	347.88'
L14	N89°51'01"E	120.58'
L15	N89°51'01"E	227.29'
L16	N00°08'59"W	90.00'
L17	N00°08'59"W	45.00'
L18	N00°08'59"W	45.00'
L19	N89°51'01"E	67.58'
L20	N00°08'59"W	5.00'

Line Table		
Line #	Bearing	Length
L21	N89°51'01"E(R)	64.00'
L22	N89°51'01"E(R)	32.00'
L23	N89°51'01"E(R)	32.00'
L24	N00°08'59"W(R)	5.00'
L25	N89°51'01"E	24.38'
L26	N87°08'59"W	87.07'
L27	N03°51'43"E	31.34'
L28	N84°33'18"W	26.32'
L29	N09°58'16"E	61.01'



FINAL MAP OF
CREEKVIEW - PHASE 1
LARGE LOT SUBDIVISION
SUBDIVISION No. PL18-0190

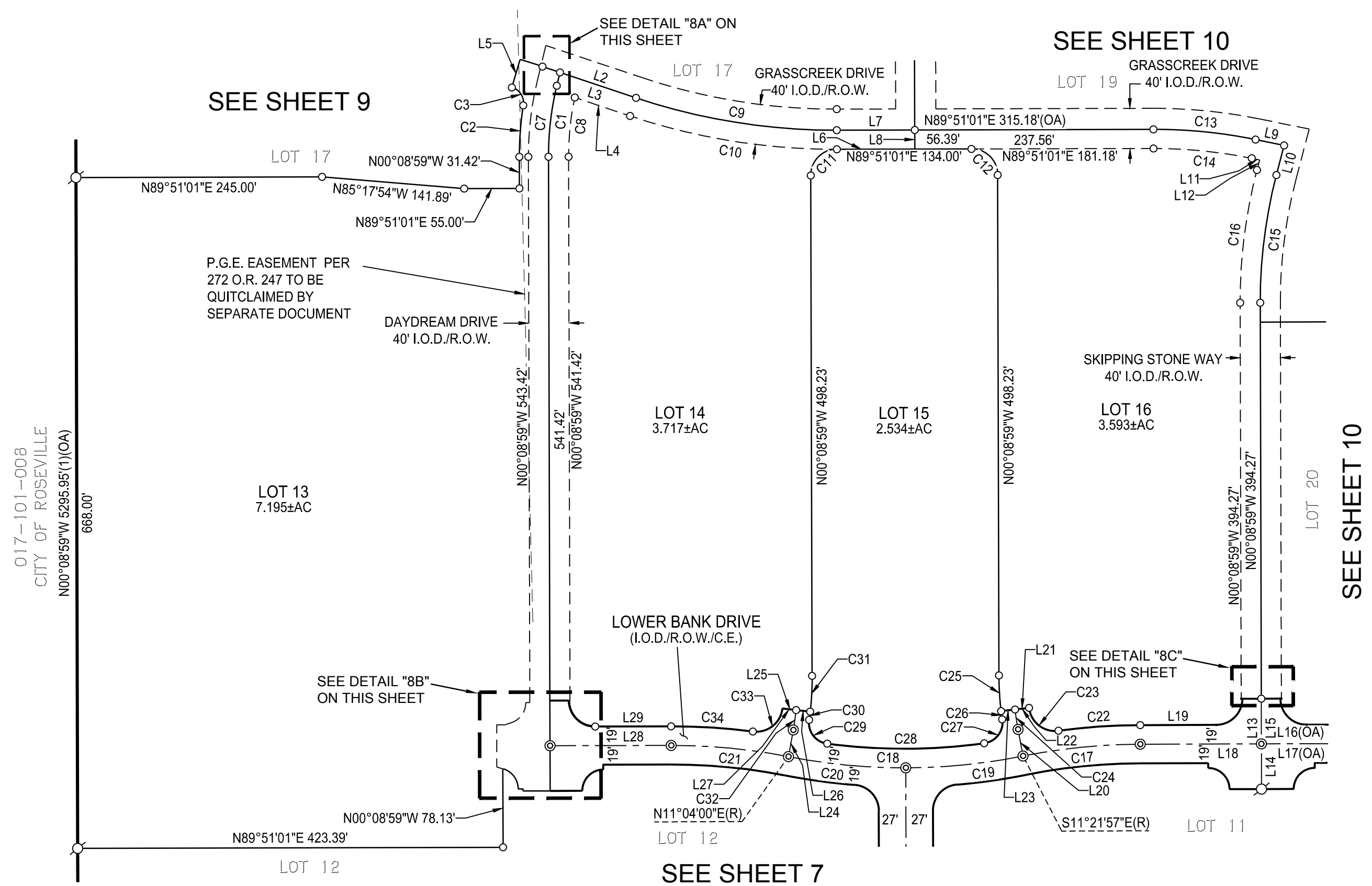
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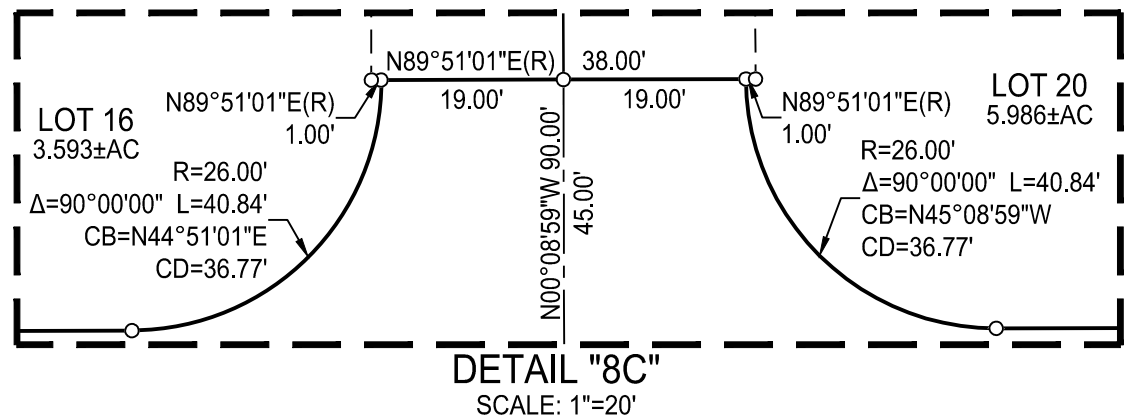
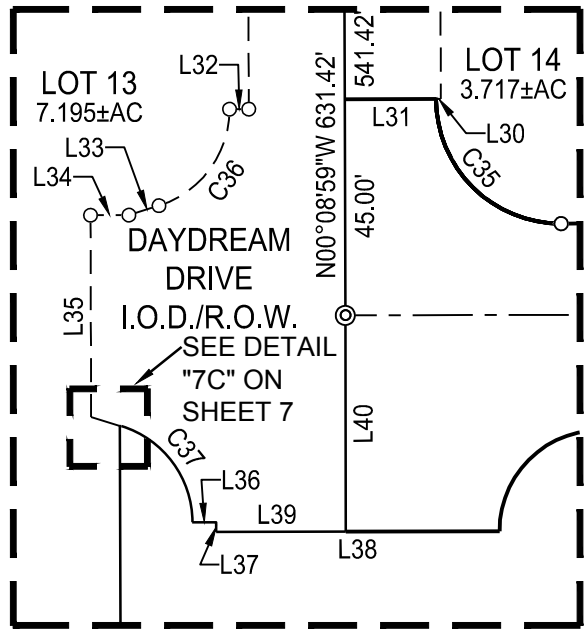
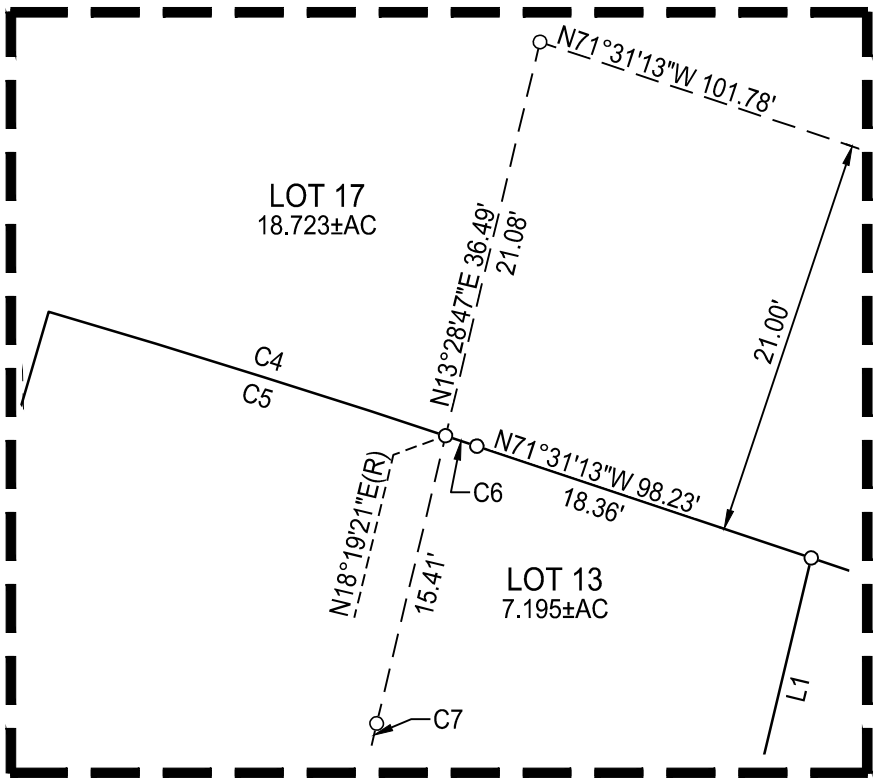
SEE SHEET 2 FOR NOTES, BASIS OF BEARINGS, REFERENCES AND LEGEND



Line Table		
Line #	Bearing	Length
L1	N13°28'47"E	13.66'
L2	N71°31'13"W	98.23'
L3	N71°31'13"W	79.87'
L4	N71°31'13"W	58.04'
L5	N16°20'12"E(R)	29.00'
L6	N89°51'01"E	77.61'
L7	N89°51'01"E	77.61'
L8	N00°08'59"W	19.00'
L9	N78°25'28"W	28.98'
L10	N14°34'32"E	30.45'
L11	N78°25'28"W	7.96'
L12	N14°34'32"E	10.37'
L13	N00°08'59"W	90.00'
L14	N00°08'59"W	45.00'
L15	N00°08'59"W	45.00'

Line Table		
Line #	Bearing	Length
L16	N89°51'01"E	347.88'
L17	N89°51'01"E	227.29'
L18	N89°51'01"E	120.58'
L19	N89°51'01"E	75.58'
L20	N10°29'21"W	26.95'
L21	N83°20'20"E(R)	28.00'
L22	N83°20'20"E(R)	14.00'
L23	N83°20'20"E(R)	14.00'
L24	N10°11'24"E	26.95'
L25	N83°38'17"W(R)	28.00'
L26	N83°38'17"W(R)	14.00'
L27	N83°38'17"W(R)	14.00'
L28	N89°51'01"E	120.58'
L29	N89°51'01"E	75.58'
L30	N89°51'01"E(R)	1.00'

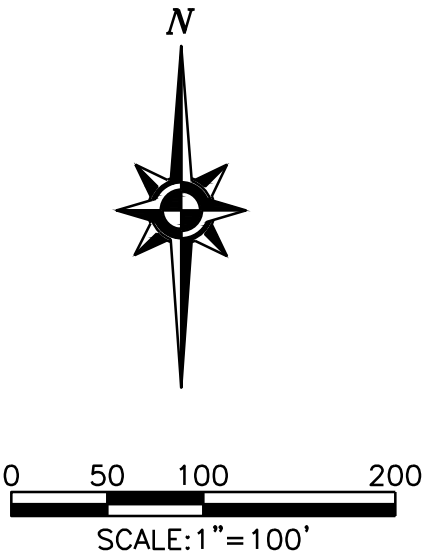
Line Table		
Line #	Bearing	Length
L31	N89°51'01"E(R)	19.00'
L32	N89°51'01"E(R)	4.00'
L33	N72°30'32"E	6.56'
L34	N89°51'01"E	8.00'
L35	N00°08'59"W	42.00'
L36	N89°51'01"E(R)	5.00'
L37	N00°08'59"W	2.00'
L38	N89°51'01"E	59.00'
L39	N89°51'01"E	27.00'
L40	N00°08'59"W	45.00'



Curve Table					
Curve #	Radius	Delta	Length	Chord Bearing	Chord Length
C1	300.00'	13°37'45"	71.36'	N06°39'54"E	71.19'
C2	329.00'	08°57'35"	51.45'	N04°19'49"E	51.40'
C3	16.00'	82°28'24"	23.03'	N32°25'36"W	21.09'
C4	625.00'	02°08'34"	23.38'	N72°35'31"W	23.37'
C5	625.00'	01°59'09"	21.66'	N72°40'13"W	21.66'
C6	625.00'	00°09'26"	1.72'	N71°35'56"W	1.72'
C7	320.00'	13°37'45"	76.12'	N06°39'54"E	75.94'
C8	280.00'	12°09'40"	59.43'	N05°55'51"E	59.32'
C9	625.00'	18°37'45"	203.21'	N80°50'06"W	202.32'
C10	644.00'	18°37'45"	209.39'	N80°50'06"W	208.47'
C11	26.00'	90°00'00"	40.84'	N44°51'01"E	36.77'
C12	26.00'	90°00'00"	40.84'	N45°08'59"W	36.77'
C13	500.00'	11°43'31"	102.32'	N84°17'13"W	102.14'
C14	481.00'	11°43'31"	98.43'	N84°17'13"W	98.26'
C15	500.00'	14°43'31"	128.50'	N07°12'47"E	128.15'

Curve Table					
Curve #	Radius	Delta	Length	Chord Bearing	Chord Length
C16	520.00'	14°43'31"	133.64'	N07°12'47"E	133.27'
C17	600.00'	11°12'59"	117.46'	N84°14'32"E	117.27'
C18	600.00'	22°25'58"	234.91'	N89°51'01"E	233.42'
C19	600.00'	11°12'59"	117.46'	N84°14'32"E	117.27'
C20	600.00'	11°12'59"	117.46'	N84°32'29"W	117.27'
C21	600.00'	11°12'59"	117.46'	N84°32'29"W	117.27'
C22	619.00'	07°32'57"	81.56'	N86°04'33"E	81.50'
C23	26.00'	91°02'16"	41.31'	N52°10'48"W	37.10'
C24	300.00'	03°49'41"	20.04'	N08°34'31"W	20.04'
C25	314.00'	06°30'42"	35.69'	N03°24'19"W	35.67'
C26	314.00'	01°30'26"	8.26'	N07°24'53"W	8.26'
C27	21.00'	90°17'38"	33.09'	N36°58'42"E	29.77'
C28	581.00'	15°27'01"	156.67'	N89°51'01"E	156.20'
C29	21.00'	90°17'38"	33.09'	N37°16'39"W	29.77'
C30	314.00'	01°30'26"	8.26'	N07°06'56"E	8.26'

Curve Table					
Curve #	Radius	Delta	Length	Chord Bearing	Chord Length
C31	314.00'	06°30'42"	35.69'	N03°06'22"E	35.67'
C32	300.00'	03°49'41"	20.04'	N08°16'34"E	20.04'
C33	26.00'	91°02'16"	41.31'	N51°52'51"E	37.10'
C34	619.00'	07°32'57"	81.56'	N86°22'30"W	81.50'
C35	26.00'	90°00'00"	40.84'	N45°08'59"W	36.77'
C36	21.00'	72°39'31"	26.63'	N36°10'47"E	24.88'
C37	21.00'	72°39'31"	26.63'	N36°28'44"W	24.88'



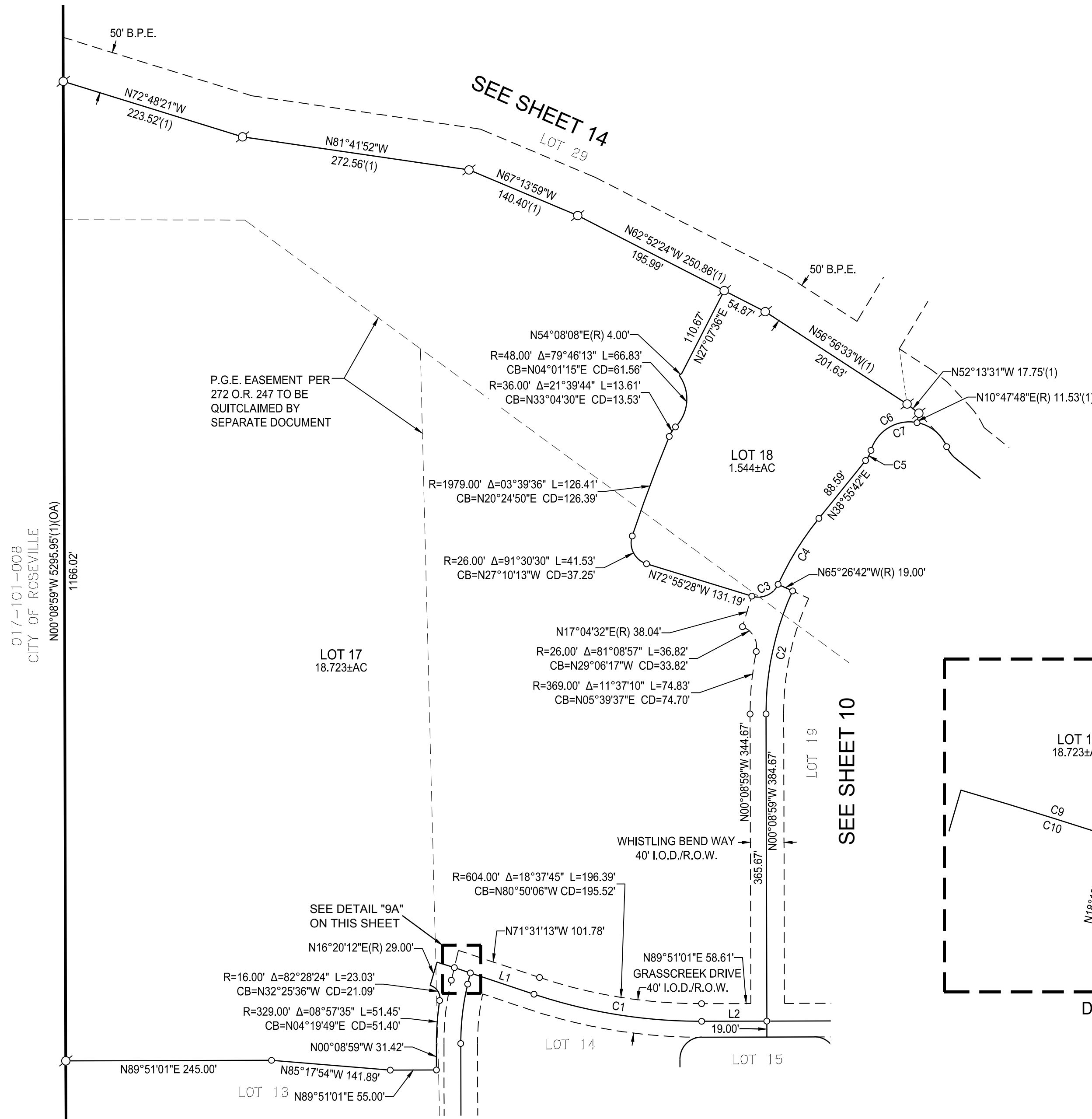
FINAL MAP OF
CREEKVIEW - PHASE 1
LARGE LOT SUBDIVISION
SUBDIVISION No. PL18-0190

BEING A MERGER AND RE-SUBDIVISION OF RESULTANT PARCELS 1, 2, 3 AND 4 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON JULY 18, 2019 AS INSTRUMENT NO. 2019-0050338, AND A PORTION OF THE NORTHEAST ONE-QUARTER OF SECTION 14 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON MAY 24, 2019 AS INSTRUMENT NO. 2019-0034778, OFFICIAL RECORDS OF PLACER COUNTY, WITHIN SECTION 14, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN

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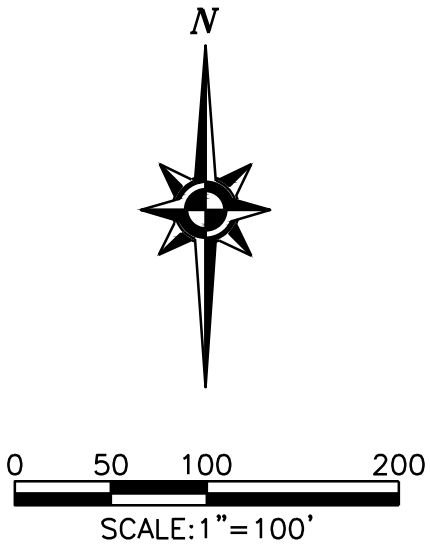
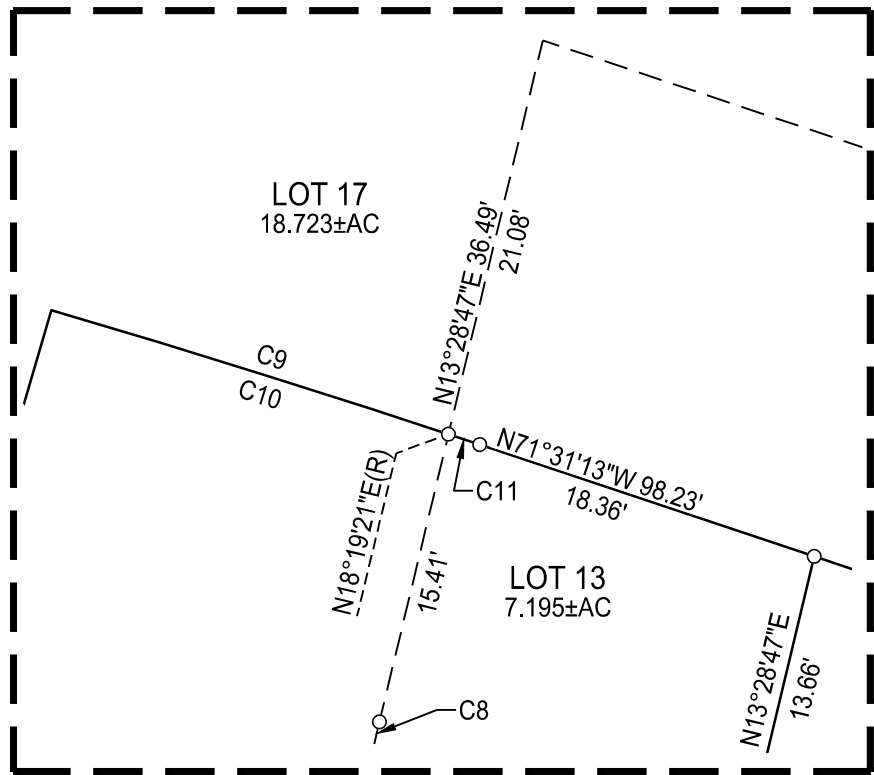
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APRIL 2020



Line Table		
Line #	Bearing	Length
L1	N71°31'13"W	98.23'
L2	N89°51'01"E	77.61'

Curve Table					
Curve #	Radius	Delta	Length	Chord Bearing	Chord Length
C1	625.00'	18°37'45"	203.21'	N80°50'06"W	202.32'
C2	350.00'	24°42'16"	150.91'	N12°12'09"E	149.74'
C3	26.00'	82°31'14"	37.45'	N65°48'55"E	34.29'
C4	369.00'	14°22'25"	92.57'	N31°44'30"E	92.33'
C5	36.00'	21°47'12"	13.69'	N28°02'06"E	13.61'
C6	48.00'	83°39'18"	70.08'	N58°58'09"E	64.02'
C7	48.00'	140°01'45"	117.31'	N87°09'23"E	90.22'
C8	320.00'	13°37'45"	76.12'	N06°39'54"E	75.94'
C9	625.00'	02°08'34"	23.38'	N72°35'31"W	23.37'
C10	625.00'	01°59'09"	21.66'	N72°40'13"W	21.66'
C11	625.00'	00°09'26"	1.72'	N71°35'56"W	1.72'



FINAL MAP OF
CREEKVIEW - PHASE 1
LARGE LOT SUBDIVISION
SUBDIVISION No. PL18-0190

BEING A MERGER AND RE-SUBDIVISION OF RESULTANT PARCELS 1, 2, 3 AND 4 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON JULY 18, 2019 AS INSTRUMENT NO. 2019-0050338, AND A PORTION OF THE NORTHEAST ONE-QUARTER OF SECTION 14 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON MAY 24, 2019 AS INSTRUMENT NO. 2019-0034778, OFFICIAL RECORDS OF PLACER COUNTY, WITHIN SECTION 14, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN

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SEE SHEET 2 FOR NOTES, BASIS OF BEARINGS, REFERENCES AND LEGEND

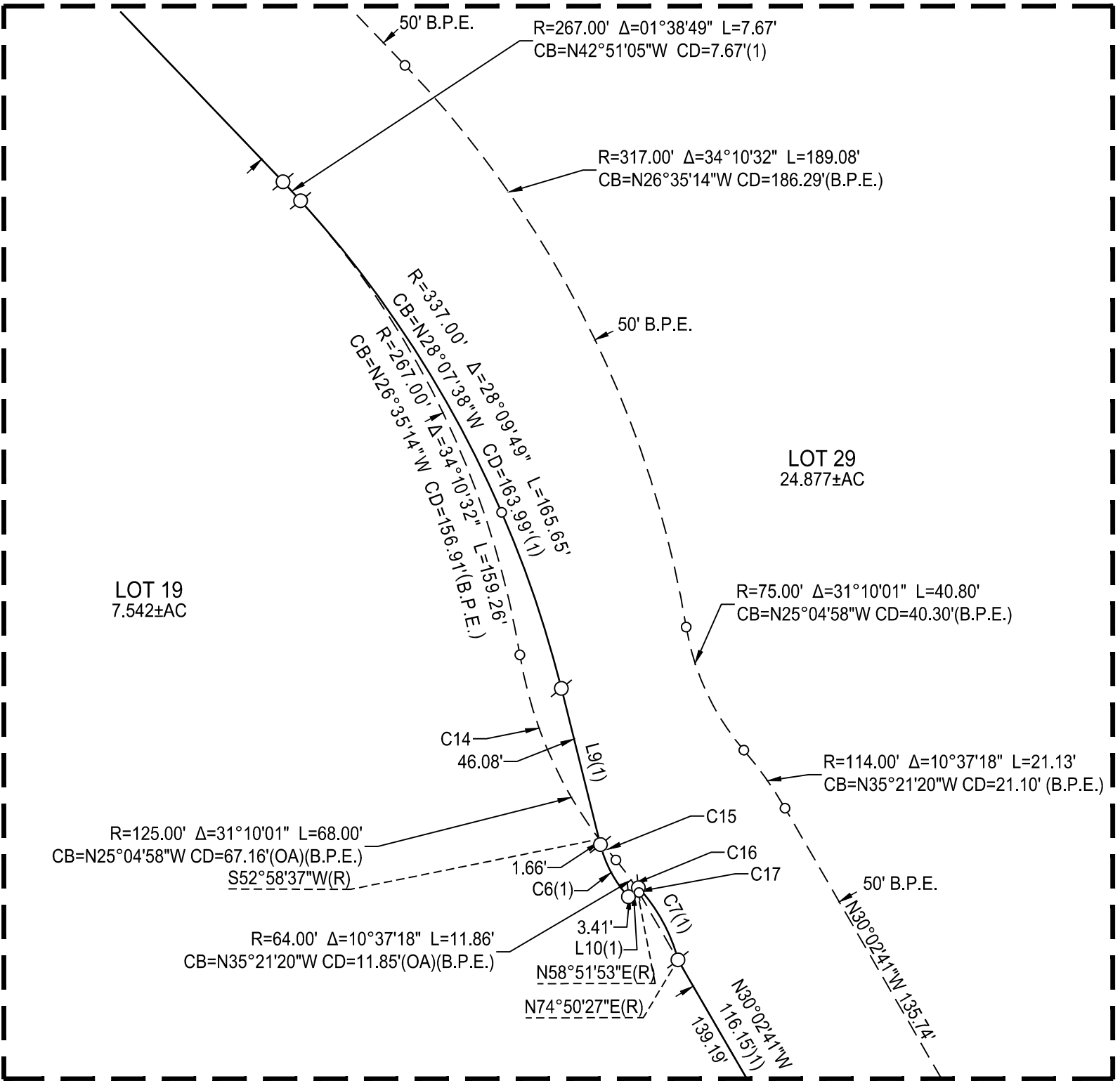
SEE SHEET 9

Line Table		
Line #	Bearing	Length
L1	N89°51'01"E(R)	32.38'
L2	N00°08'59"W(R)	90.00'
L3	N00°08'59"W	45.00'
L4	N00°08'59"W	45.00'
L5	N14°34'32"E	30.45'
L6	N78°25'28"W	28.98'
L7	N14°34'32"E	52.52'
L8	N78°25'28"W	50.11'
L9	N14°02'43"W	47.74'
L10	N47°42'44"E(R)	4.00'
L11	N70°10'40"W	8.00'
L12	N70°11'00"W(R)	8.00'
L13	N03°51'43"E	45.00'
L14	N86°08'17"W	47.78'
L15	N50°23'14"E	101.60'
L16	N19°49'04"E	32.60'

SEE SHEET 2 FOR NOTES, BASIS OF BEARINGS, REFERENCES AND LEGEND

Curve Table					
Curve #	Radius	Delta	Length	Chord Bearing	Chord Length
C1	1000.00'	04°00'41"	70.01'	N88°08'38"W	70.00'
C2	500.00'	11°43'31"	102.32'	N84°17'13"W	102.14'
C3	521.00'	11°43'31"	106.62'	N84°17'13"W	106.43'
C4	48.00'	140°01'45"	117.31'	N87°09'23"E	90.22'
C5	48.00'	83°39'18"	70.08'	N58°58'09"E	64.02'
C6	36.00'	28°14'33"	17.75'	N28°10'00"W	17.57'
C7	52.00'	27°07'43"	24.62'	N28°43'25"W	24.39'
C8	2050.00'	04°18'07"	153.92'	N17°39'59"E	153.88'
C9	2050.00'	03°47'59"	135.95'	N17°55'03"E	135.93'

Curve Table					
Curve #	Radius	Delta	Length	Chord Bearing	Chord Length
C10	2050.00'	00°30'08"	17.97'	N15°46'00"E	17.97'
C11	2060.00'	06°07'08"	220.00'	N09°07'17"E	219.90'
C12	50.00'	87°48'00"	76.62'	N49°57'43"E	69.34'
C13	2000.00'	04°21'21"	152.05'	N01°41'02"E	152.01'
C14	125.00'	27°31'25"	60.05'	N23°15'40"W	59.47'
C15	125.00'	03°38'36"	7.95'	N38°50'41"W	7.95'
C16	64.00'	09°31'52"	10.65'	N35°54'03"W	10.63'
C17	64.00'	01°05'26"	1.22'	N30°35'24"W	1.22'



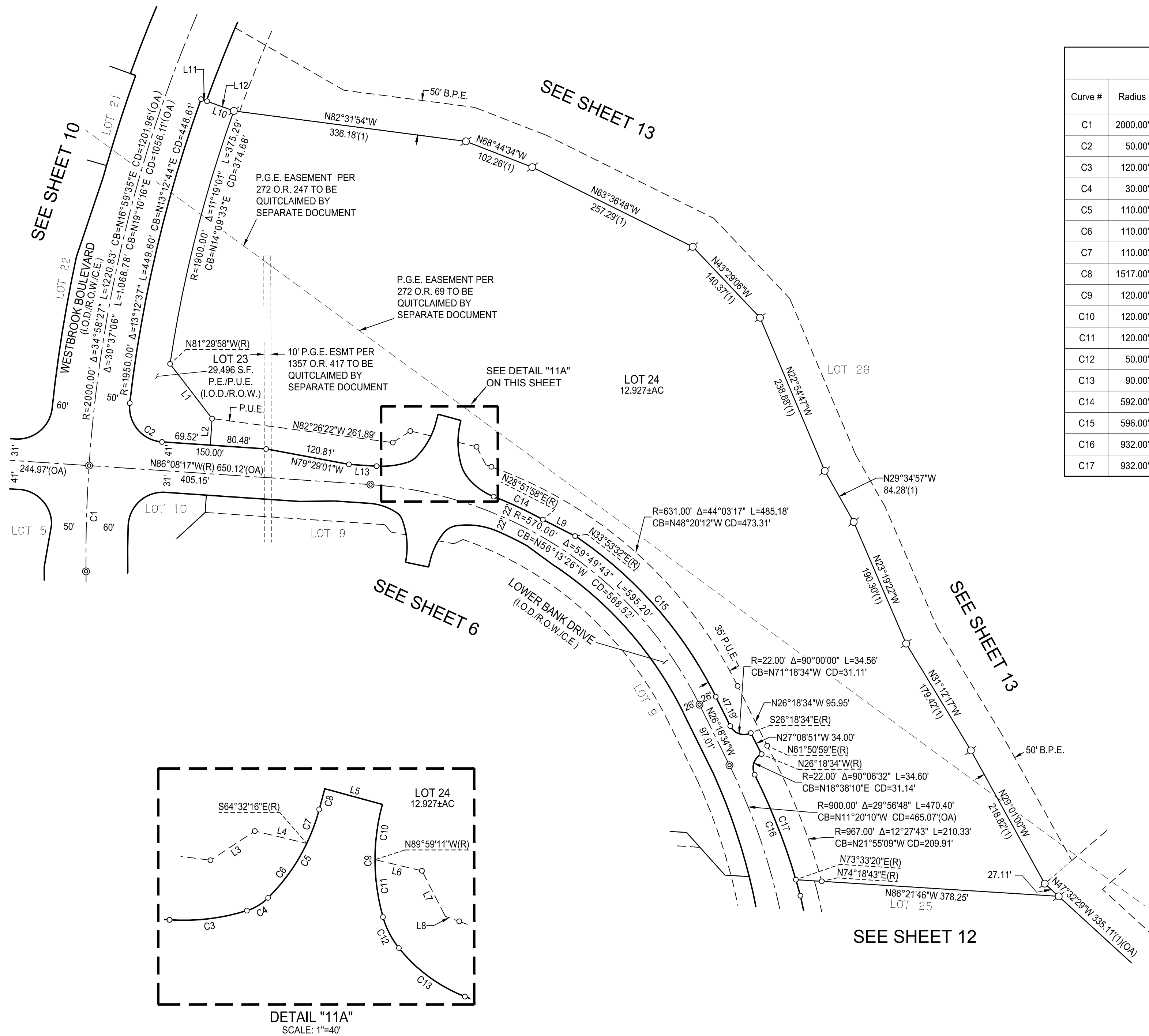
FINAL MAP OF
CREEKVIEW - PHASE 1
LARGE LOT SUBDIVISION
SUBDIVISION No. PL18-0190

BEING A MERGER AND RE-SUBDIVISION OF RESULTANT PARCELS 1, 2, 3 AND 4 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON JULY 18, 2019 AS INSTRUMENT NO. 2019-0050338, AND A PORTION OF THE NORTHEAST ONE-QUARTER OF SECTION 14 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON MAY 24, 2019 AS INSTRUMENT NO. 2019-0034778, OFFICIAL RECORDS OF PLACER COUNTY, WITHIN SECTION 14, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN

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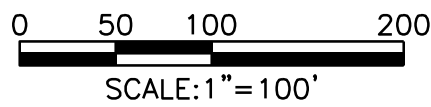
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APRIL 2020 SHEET 10 OF 15 18431.RST



Curve #	Radius	Delta	Length	Chord Bearing	Chord Length
C1	2000.00'	04°21'21"	152.05'	N01°41'02"E	152.01'
C2	50.00'	92°44'43"	80.94'	N39°45'56"W	72.38'
C3	120.00'	21°17'00"	44.58'	N83°13'13"E	44.32'
C4	30.00'	27°13'19"	14.25'	N58°58'03"E	14.12'
C5	110.00'	30°36'46"	58.77'	N30°03'01"E	58.08'
C6	110.00'	19°53'39"	38.19'	N35°24'34"E	38.00'
C7	110.00'	10°43'07"	20.58'	N20°06'11"E	20.55'
C8	1517.00'	00°27'46"	12.25'	N14°58'31"E	12.25'
C9	120.00'	31°00'23"	64.94'	N00°17'47"W	64.15'
C10	120.00'	15°11'35"	31.82'	N07°36'36"E	31.73'
C11	120.00'	15°48'48"	33.12'	N07°53'35"W	33.01'
C12	50.00'	22°51'29"	19.95'	N27°13'43"W	19.82'
C13	90.00'	30°01'24"	47.16'	N53°40'10"W	46.62'
C14	592.00'	07°32'50"	77.98'	N64°54'27"W	77.92'
C15	596.00'	29°47'54"	309.97'	N41°12'31"W	306.49'
C16	932.00'	11°26'35"	186.14'	N20°41'49"W	185.83'
C17	932.00'	09°58'26"	162.24'	N21°25'53"W	162.04'

Line Table		
Line #	Bearing	Length
L1	N37°29'50"W	99.09'
L2	N03°51'43"E	38.28'
L3	N56°35'24"E	30.20'
L4	N76°37'47"W	30.42'
L5	N74°47'36"W(R)	34.00'
L6	N76°37'47"W	27.44'
L7	N27°13'29"W	29.19'
L8	N70°21'51"W	8.41'
L9	N63°00'28"W	52.24'
L10	N70°11'00"W(R)	50.00'
L11	N70°11'00"W(R)	8.00'
L12	N70°11'00"W(R)	42.00'
L13	N86°08'17"W	39.88'



FINAL MAP OF
CREEKVIEW - PHASE 1
LARGE LOT SUBDIVISION
SUBDIVISION No. PL18-0190

BEING A MERGER AND RE-SUBDIVISION OF RESULTANT PARCELS 1, 2, 3 AND 4 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON JULY 18, 2019 AS INSTRUMENT NO. 2019-0050338, AND A PORTION OF THE NORTHEAST ONE-QUARTER OF SECTION 14 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON MAY 24, 2019 AS INSTRUMENT NO. 2019-0034778, OFFICIAL RECORDS OF PLACER COUNTY, WITHIN SECTION 14, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN

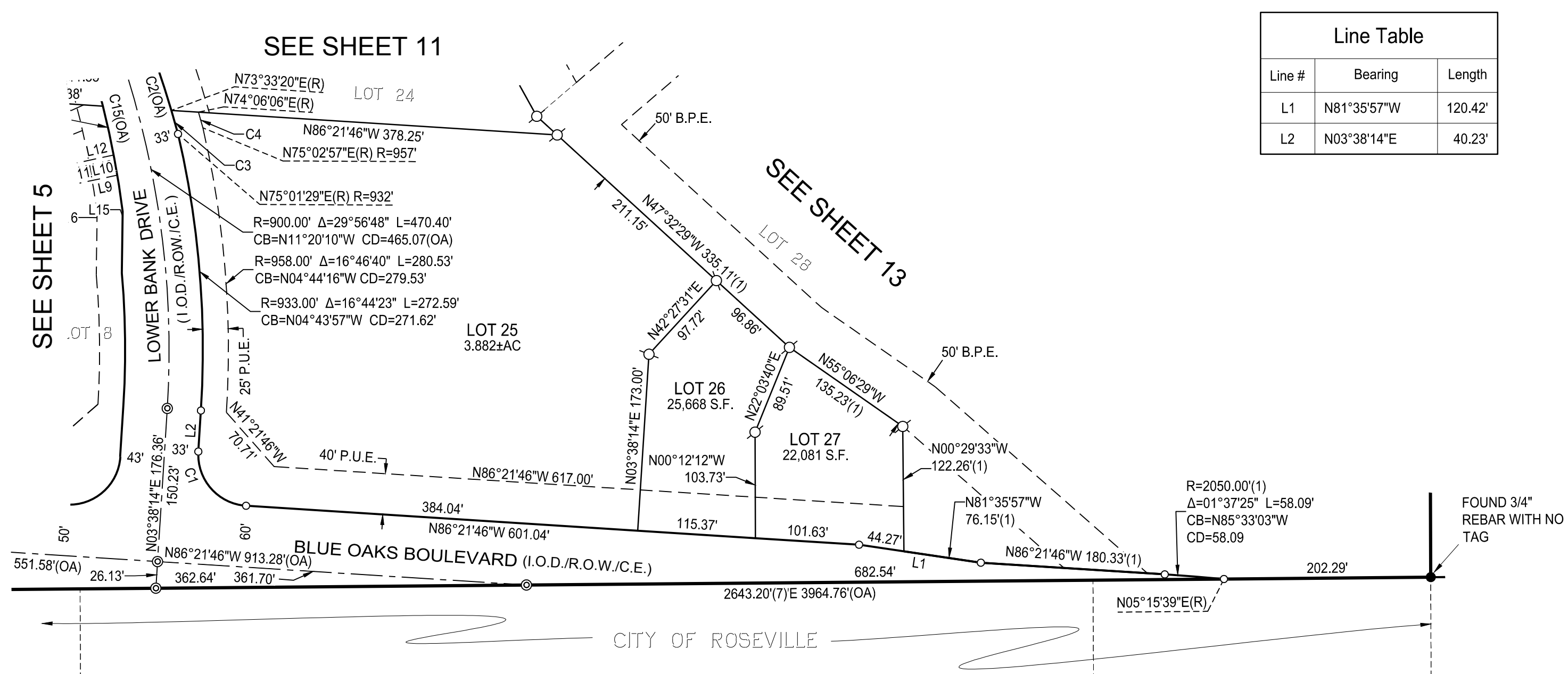
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18431.RST



Line Table		
Line #	Bearing	Length
L1	N81°35'57"W	120.42'
L2	N03°38'14"E	40.23'

Curve Table					
Curve #	Radius	Delta	Length	Chord Bearing	Chord Length
C1	50.00'	90°00'00"	78.54'	N41°21'46"W	70.71'
C2	932.00'	11°26'35"	186.14'	N20°41'49"W	185.83'
C3	932.00'	01°28'09"	23.90'	N15°42'36"W	23.90'
C4	957.00'	00°56'51"	15.82'	N15°25'28"W	15.82'



0 50 100 200

SCALE: 1" = 100'

FINAL MAP OF
CREEKVIEW - PHASE 1
LARGE LOT SUBDIVISION
SUBDIVISION No. PL18-0190

BEING A MERGER AND RE-SUBDIVISION OF RESULTANT PARCELS 1, 2, 3 AND 4 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON JULY 18, 2019 AS INSTRUMENT NO. 2019-0050338, AND A PORTION OF THE NORTHEAST ONE-QUARTER OF SECTION 14 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON MAY 24, 2019 AS INSTRUMENT NO. 2019-0034778, OFFICIAL RECORDS OF PLACER COUNTY, WITHIN SECTION 14, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN

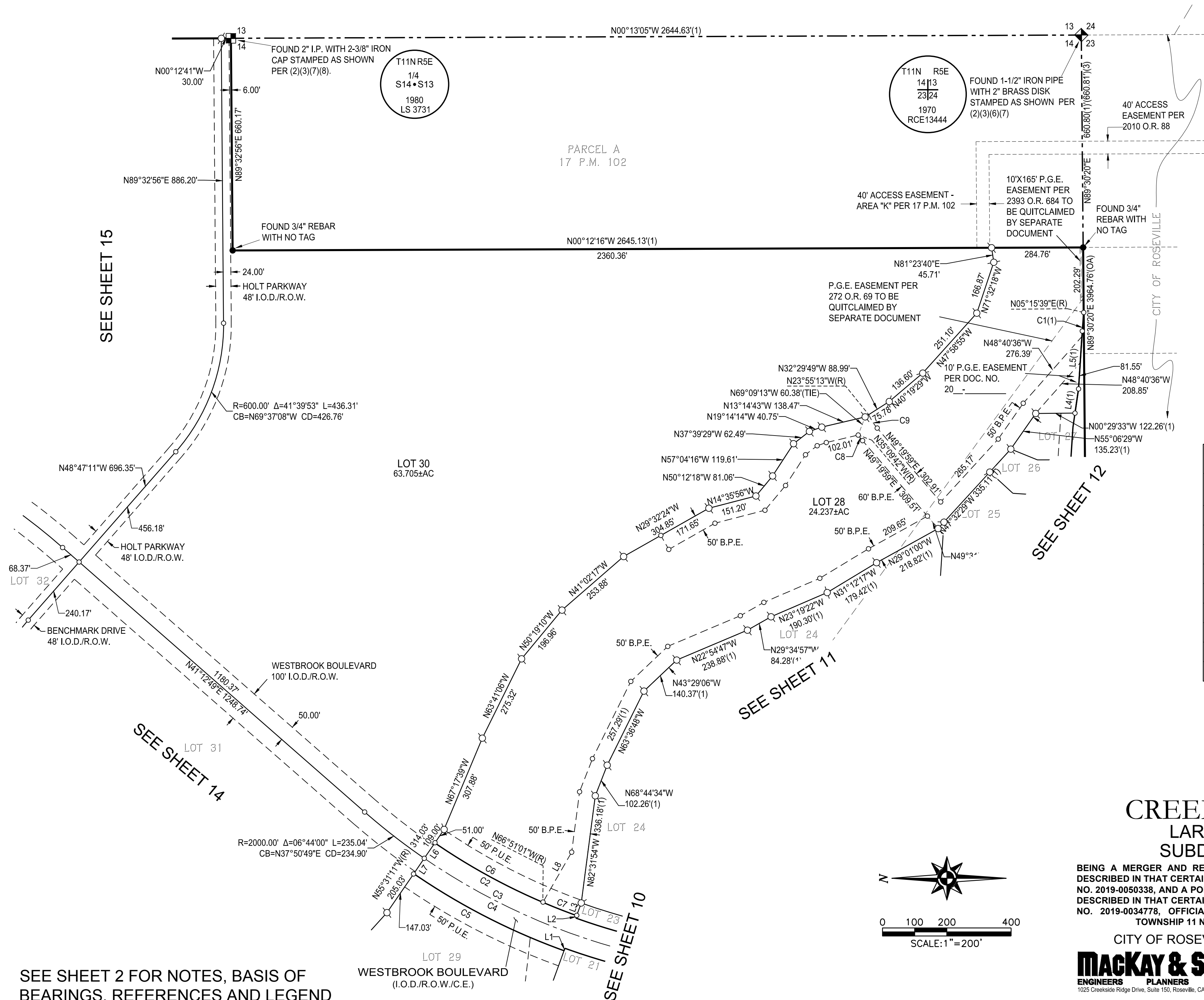
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Line Table		
Line #	Bearing	Length
L1	N70°10'40"W	8.00
L2	N70°11'00"W(R)	8.00
L3	N70°11'00"W(R)	42.00
L4	N81°35'57"W	76.15
L5	N86°21'46"W	180.33
L6	N55°31'11"W(R)	58.00
L7	N55°31'11"W(R)	58.00
L8	N60°09'22"W	180.06

Curve Table					
Curve #	Radius	Delta	Length	Chord Bearing	Chord Length
C1	2050.00'	01°37'25"	58.09'	N85°33'03"W	58.09'
C2	1942.00'	14°39'46"	496.98'	S27°08'56"W	495.63'
C3	2000.00'	30°37'06"	1068.78'	N19°10'16"E	1056.11'
C4	2000.00'	34°58'27"	1220.83'	N16°59'35"E	1201.96'
C5	2058.00'	14°39'46"	526.67'	S27°08'56"W	525.23'
C6	1942.00'	11°19'50"	384.04'	N28°48'54"E	383.42'
C7	1942.00'	03°19'56"	112.94'	N21°29'01"E	112.92'
C8	230.00'	05°30'19"	22.10'	N52°05'09"E	22.09'
C9	170.00'	16°44'48"	49.69'	N57°42'23"E	49.51'

FINAL MAP OF
CREEKVIEW - PHASE 1
LARGE LOT SUBDIVISION
SUBDIVISION No. PL18-0190

BEING A MERGER AND RE-SUBDIVISION OF RESULTANT PARCELS 1, 2, 3 AND 4 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON JULY 18, 2019 AS INSTRUMENT NO. 2019-0050338, AND A PORTION OF THE NORTHEAST ONE-QUARTER OF SECTION 14 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON MAY 24, 2019 AS INSTRUMENT NO. 2019-0034778, OFFICIAL RECORDS OF PLACER COUNTY, WITHIN SECTION 14, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN

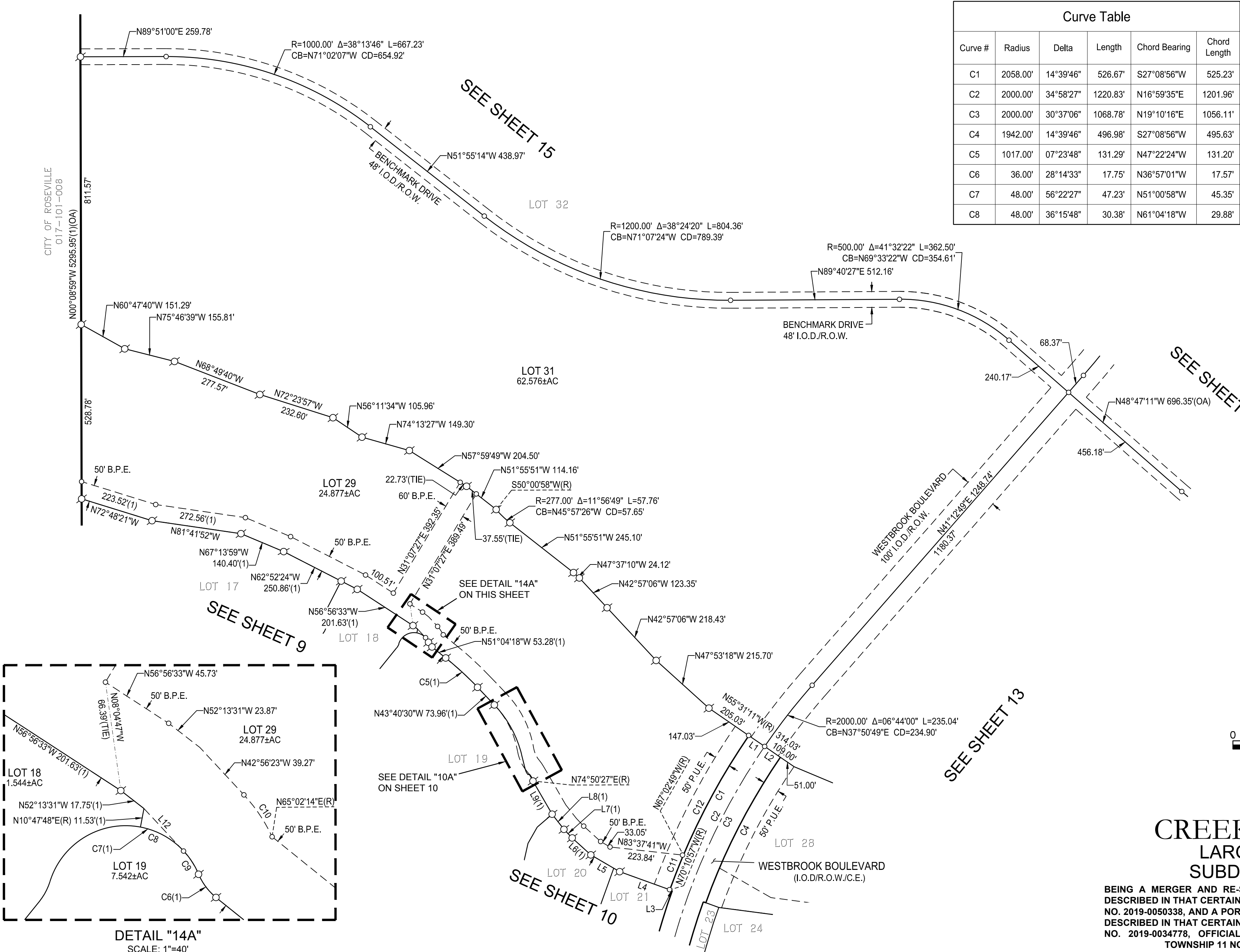
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SHEET 13 OF 15

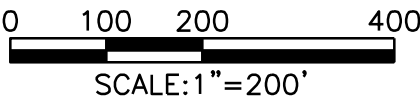
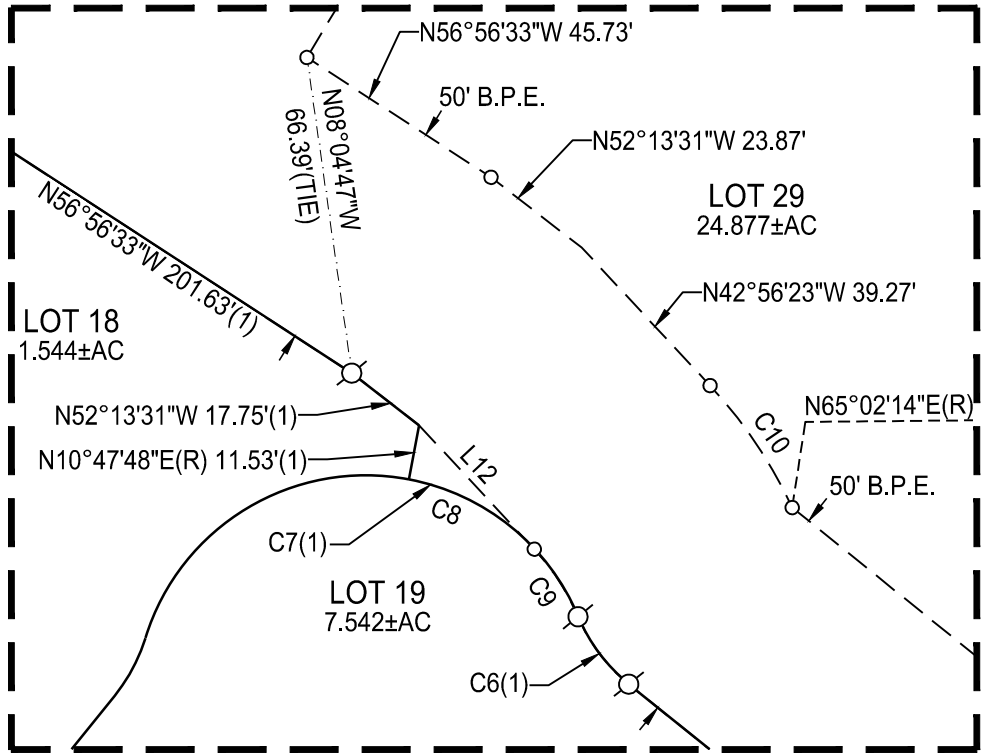
18431 RST



Curve Table					
Curve #	Radius	Delta	Length	Chord Bearing	Chord Length
C1	2058.00'	14°39'46"	526.67'	S27°08'56"W	525.23'
C2	2000.00'	34°58'27"	1220.83'	N16°59'35"E	1201.96'
C3	2000.00'	30°37'06"	1068.78'	N19°10'16"E	1056.11'
C4	1942.00'	14°39'46"	496.98'	S27°08'56"W	495.63'
C5	1017.00'	07°23'48"	131.29'	N47°22'24"W	131.20'
C6	36.00'	28°14'33"	17.75'	N36°57'01"W	17.57'
C7	48.00'	56°22'27"	47.23'	N51°00'58"W	45.35'
C8	48.00'	36°15'48"	30.38'	N61°04'18"W	29.88'

Curve Table					
Curve #	Radius	Delta	Length	Chord Bearing	Chord Length
C9	48.00'	20°06'38"	16.85'	N32°53'04"W	16.76'
C10	98.00'	17°58'37"	30.75'	N33°57'04"W	30.62'
C11	2058.00'	03°08'08"	112.63'	N21°23'07"E	112.61'
C12	2058.00'	11°31'38"	414.04'	N28°43'00"E	413.34'

Line Table		
Line #	Bearing	Length
L1	N55°31'11"W(R)	58.00'
L2	N55°31'11"W(R)	58.00'
L3	N70°10'40"W	8.00'
L4	N70°10'40"W	161.76'
L5	N59°48'22"W	101.24'
L6	N47°43'55"W	76.28'
L7	N43°51'22"W	36.16'
L8	N37°55'59"W	58.24'
L9	N30°02'41"W	116.15'



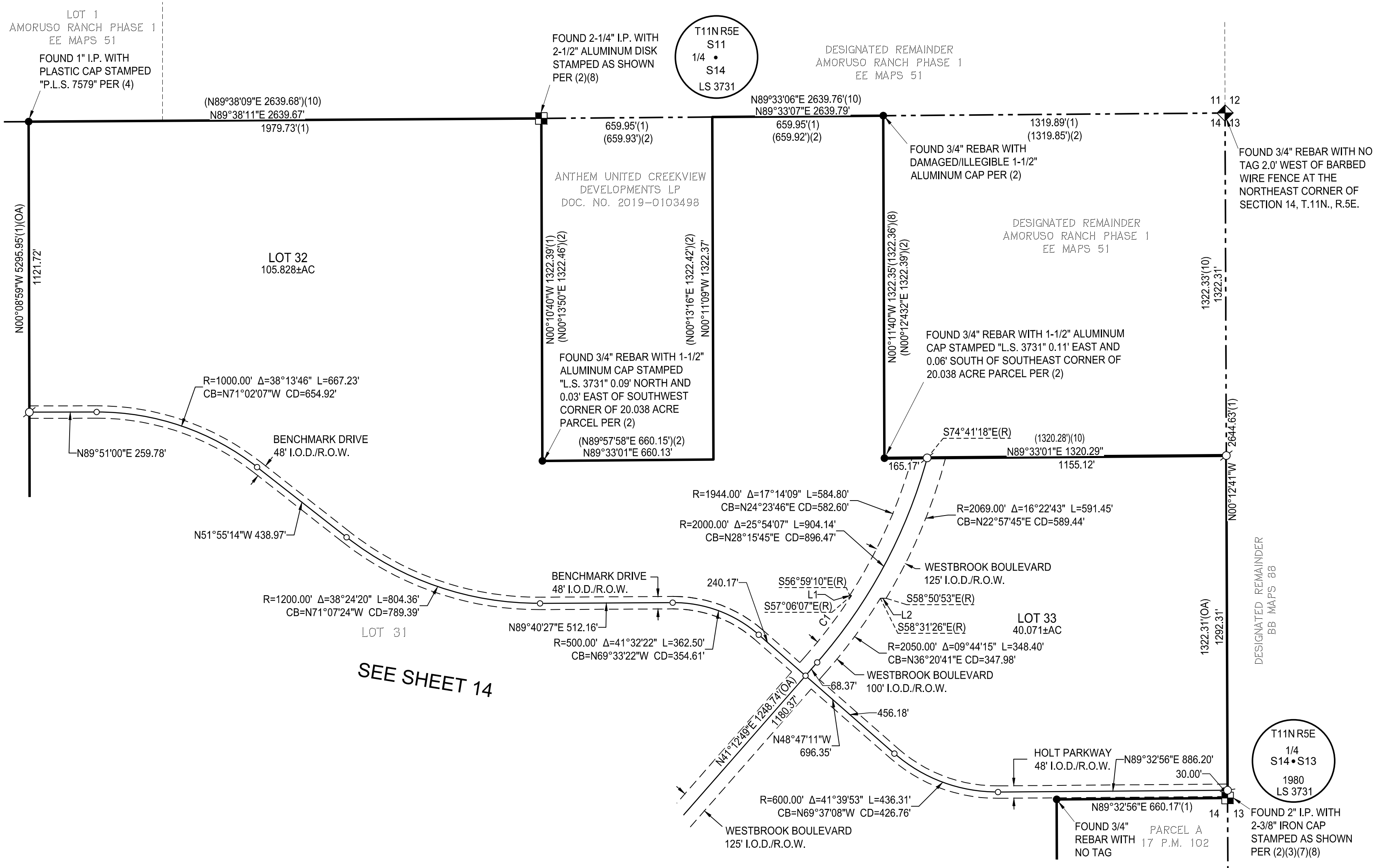
FINAL MAP OF
CREEKVIEW - PHASE 1
LARGE LOT SUBDIVISION
SUBDIVISION No. PL18-0190

BEING A MERGER AND RE-SUBDIVISION OF RESULTANT PARCELS 1, 2, 3 AND 4 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON JULY 18, 2019 AS INSTRUMENT NO. 2019-0050338, AND A PORTION OF THE NORTHEAST ONE-QUARTER OF SECTION 14 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON MAY 24, 2019 AS INSTRUMENT NO. 2019-0034778, OFFICIAL RECORDS OF PLACER COUNTY, WITHIN SECTION 14, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN

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APRIL 2020

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ENGINEERS PLANNERS SURVEYORS
1025 Creekside Ridge Drive, Suite 150, Roseville, CA 95678 (916) 773-1189

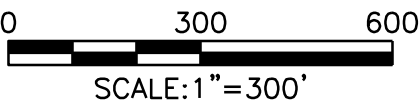


Line Table		
Line #	Bearing	Length
L1	N89°40'27"E	7.18'
L2	N89°47'11"E	15.26'

Curve Table					
Curve #	Radius	Delta	Length	Chord Bearing	Chord Length
C1	1950.00'	08°18'56"	283.01'	N37°03'21"E	282.76'

SEE SHEET 14

SEE SHEET 13



FINAL MAP OF
CREEKVIEW - PHASE 1
LARGE LOT SUBDIVISION
SUBDIVISION No. PL18-0190

BEING A MERGER AND RE-SUBDIVISION OF RESULTANT PARCELS 1, 2, 3 AND 4 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON JULY 18, 2019 AS INSTRUMENT NO. 2019-0050338, AND A PORTION OF THE NORTHEAST ONE-QUARTER OF SECTION 14 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON MAY 24, 2019 AS INSTRUMENT NO. 2019-0034778, OFFICIAL RECORDS OF PLACER COUNTY, WITHIN SECTION 14, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN

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APRIL 2020

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ENGINEERS PLANNERS SURVEYORS
1025 Creekside Ridge Drive, Suite 150, Roseville, CA 95678 (916) 773-1189



COUNCIL COMMUNICATION

CC #: 0697
File #: 0400-07

Title: Parcel F-55 Parcel Map
Contact: Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

Meeting Date: 4/15/2020
Item #: 6.18.

RECOMMENDATION TO COUNCIL

It is recommended that the City Council take the following actions:

1. Approve the parcel map on file with the City Clerk and accept, on behalf of the public, lots 3 & 4 and the right of way and easements offered thereon.
2. Adopt the attached resolution authorizing the City Manager to execute the parcel map on behalf of the City of Roseville.

BACKGROUND

The Development Services - Engineering section has reviewed the subject parcel map and found that it is in compliance with the Subdivision Map Act and the City's Subdivision Ordinance and all conditions of the tentative map have been met.

This map will be creating two parcels for future development and 2 open space parcels.

FISCAL IMPACT

There is no fiscal impact to the City's General Fund associated with this approval.

ENVIRONMENTAL REVIEW

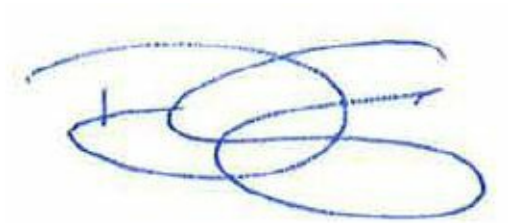
Approval of the Parcel F-55 parcel map is an action that is subject to California Environmental Quality Act (CEQA). Project level CEQA compliance for the Parcel F-55 parcel map was accomplished with the preparation of an Addendum to the 2004 West Roseville Specific Plan Environmental Impact Report (EIR) and the 2014 Fiddymont Ranch Specific Plan Amendment 3 Subsequent EIR prepared for the WRSP PCL F-55 and W-60a Project (File # PL19-0180) consistent with the California Environmental Quality Act Section 15164. The Addendum was

adopted by the City of Roseville on February 27, 2020. Because the Parcel F-55 parcel map is consistent with project evaluated in the Addendum, no new effects would be expected to occur and all applicable mitigation measures from the Addendum will be implemented. As such, no additional CEQA action is required at this time.

Respectfully Submitted,

Kerry Andrews, Assistant Engineer

Mike Isom, Development Services Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 20-102

Parcel Map

RESOLUTION NO. 20-102

AUTHORIZING THE CITY MANAGER TO EXECUTE A PARCEL MAP ON BEHALF OF
THE CITY OF ROSEVILLE

WHEREAS, the Engineering Division has reviewed the Parcel F-55 Parcel Map and has found that it is in conformance with the Subdivision Map Act and the City of Roseville's Subdivision Ordinance and all conditions of the tentative map have been met; and

WHEREAS, the City Council has reviewed the parcel map attached to the staff report dated April 15, 2020.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Roseville as follows:

1. That it hereby approves and accepts the parcel map, on file with the City Clerk, on behalf of the public, lots 3 & 4 and the right of way and the easements offered thereon for dedication.

2. That it authorizes the City Manager to execute the parcel map on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

OWNER'S STATEMENT

THE UNDERSIGNED HEREBY CERTIFY THAT THEY ARE THE ONLY PERSONS HAVING ANY RECORD TITLE INTEREST IN THE REAL PROPERTY INCLUDED WITHIN THE SUBDIVISION SHOWN UPON THIS PARCEL MAP OF "PARCEL F-55 SUBDIVISION NO. PL19-0180" AND THEY HEREBY CONSENT TO THE PREPARATION AND RECORDATION OF THIS PARCEL MAP AND HEREBY OFFER FOR DEDICATION AND DO HEREBY DEDICATE FOR SPECIFIC PURPOSES THE FOLLOWING:

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS EASEMENT FOR PUBLIC PURPOSES:

- (A) PUBLIC EASEMENTS FOR THE INSTALLATION AND MAINTENANCE OF, BUT NOT LIMITED TO ELECTROLIERS, WATER AND GAS PIPES, SEWER AND DRAINAGE PIPES, AND FOR UNDERGROUND WIRE AND CONDUITS FOR ELECTRIC, TELEPHONE AND TELEVISION SERVICES AND TRAFFIC CONTROL APPURTENANCES TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER, UNDER AND ACROSS ALL THOSE STRIPS OF LAND LYING CONTIGUOUS TO THE RIGHT-OF-WAY AS SHOWN HEREON AND DESIGNATED "P.U.E." (PUBLIC UTILITY EASEMENT).

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED IN FEE FOR PUBLIC PURPOSES:

(A) AS PUBLIC RIGHT-OF-WAY ALL THE AREA SHOWN HEREON AS "R.O.W." (RIGHT-OF-WAY).

(B) PARCELS 3 AND 4 AS OPEN SPACE.

THE CITY OF ROSEVILLE,
A MUNICIPAL CORPORATION

BY: _____

DOMINICK CASEY
CITY MANAGER

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA

COUNTY OF _____

ON _____ BEFORE ME, _____, A NOTARY PUBLIC

PERSONALLY APPEARED _____

WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND AND OFFICIAL SEAL.

SIGNATURE PRINTED NAME

MY PRINCIPAL PLACE OF BUSINESS IS _____ COUNTY

MY COMMISSION EXPIRES: _____ MY COMMISSION NUMBER: _____

SURVEYOR'S STATEMENT

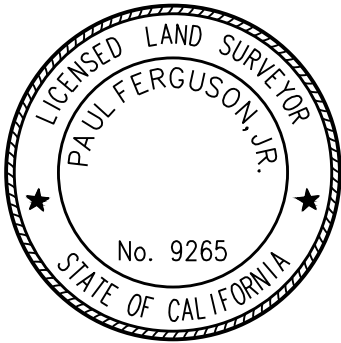
THIS MAP WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCE AT THE REQUEST OF THE CITY OF ROSEVILLE, IN DECEMBER, 2019. I HEREBY STATE THAT THIS PARCEL MAP SUBSTANTIALLY CONFORMS TO THE APPROVED OR CONDITIONALLY APPROVED TENTATIVE PARCEL MAP, THAT ALL THE MONUMENTS ARE OF THE CHARACTER AND OCCUPY THE POSITIONS INDICATED OR THAT THEY WILL BE SET IN THOSE POSITIONS BEFORE DECEMBER 31, 2021, AND THAT THE MONUMENTS ARE, OR WILL BE, SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

MACKAY & SOMPS CIVIL ENGINEERS, INC.

BY: _____

PAUL FERGUSON, JR., PLS 9265
EXPIRATION DATE: MARCH 31, 2022

DATE: _____



CITY ENGINEER'S STATEMENT

I HEREBY STATE THAT I HAVE EXAMINED THIS PARCEL MAP OF "PARCEL F-55 SUBDIVISION NO. PL19-0180" AND FIND IT TO BE SUBSTANTIALLY THE SAME AS THE TENTATIVE PARCEL MAP ON FILE AND ANY APPROVED ALTERATIONS THEREOF; THAT ALL PROVISIONS OF THE SUBDIVISION MAP ACT AND ALL APPLICABLE CITY ORDINANCES HAVE BEEN COMPLIED WITH.

DATE: _____

MARC STOUT, R.C.E. 69879
CITY ENGINEER, CITY OF ROSEVILLE
LICENSE EXPIRES: SEPTEMBER 30, 2020

I HEREBY STATE THAT I AM SATISFIED THIS PARCEL MAP OF "PARCEL F-55 SUBDIVISION NO. PL19-0180" IS TECHNICALLY CORRECT.

FOR MARC STOUT, CITY ENGINEER, CITY OF ROSEVILLE

DATE: _____

TIMOTHY G. BLAIR, PLS 8278
LICENSE EXPIRES DECEMBER 31, 2021



CITY CLERK'S STATEMENT

I HEREBY CERTIFY THAT THE CITY COUNCIL, CITY OF ROSEVILLE, HAS APPROVED THIS PARCEL MAP OF "PARCEL F-55 SUBDIVISION NO. PL19-0180", AND HAS ACCEPTED ON BEHALF OF THE PUBLIC, PARCELS 3 AND 4, AND THE RIGHT-OF-WAY AND EASEMENTS OFFERED HEREON FOR DEDICATION.

CITY CLERK, CITY OF ROSEVILLE

DATE: _____ BY: _____

ASSISTANT CITY CLERK

RECORDER'S STATEMENT

FILED THIS _____ DAY OF _____, 2020, AT _____ M. IN BOOK _____ OF PARCEL MAPS, AT PAGE _____, IN THE OFFICE OF THE PLACER COUNTY RECORDER, AT THE REQUEST OF MACKAY & SOMPS CIVIL ENGINEERS, INC.

RECORDER OF PLACER COUNTY
STATE OF CALIFORNIA

DOCUMENT NO.: _____

BY: _____ FEE: \$ _____

DEPUTY

PARCEL MAP
PARCEL F-55
SUBDIVISION No. PL19-0180

BEING A SUBDIVISION OF THAT PARCEL OF LAND DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON SEPTEMBER 16, 2015 AS DOCUMENT NO. 2015-0081570, OFFICIAL RECORDS OF PLACER COUNTY, WITHIN SECTION 24, TOWNSHIP 11 NORTH, RANGE 5 EAST, M.D.M.

CITY OF ROSEVILLE • PLACER COUNTY • CALIFORNIA
MARCH 2020

Mackay & Somps
ENGINEERS PLANNERS SURVEYORS
1025 Creekside Ridge Drive, Suite 150, Roseville, CA 95678 (916) 773-1189

SHEET 1 OF 3

18424.F55

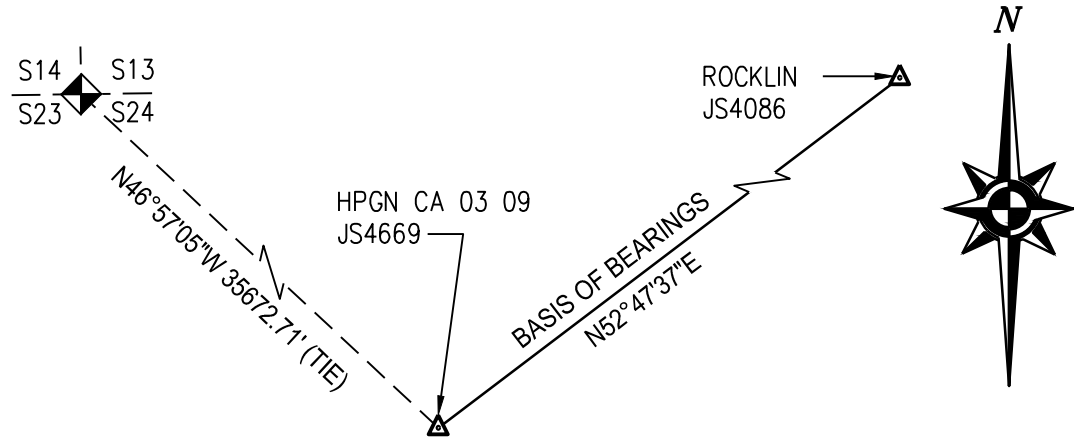
NOTES:

1. TOTAL AREA OF THIS PARCEL MAP IS 29.801 ACRES +/-, CONSISTING OF 2 PARCELS FOR FUTURE DEVELOPMENT AND 2 OPEN SPACE PARCELS.
2. ALL CURVES ARE DIMENSIONED WITH RADIUS, DELTA, ARC LENGTH, CHORD BEARING AND CHORD LENGTH. ALL DISTANCES SHOWN ARE GROUND DISTANCES AND ARE IN FEET AND DECIMALS THEREOF. DUE TO ROUNDING THE SUM OF INDIVIDUAL DIMENSIONS MAY NOT EQUAL THE OVERALL DIMENSION.
3. THE EASEMENT RECORDED IN BOOK 272, AT PAGE 211, OFFICIAL RECORDS, FOR THE TRANSMISSION AND DISTRIBUTION OF ELECTRICITY WAS ABANDONED BY AN EASEMENT QUITCLAIM DEED PER DOCUMENT RECORDED AS INSTRUMENT NO. 2005-0139567. THE OVERHEAD POWERLINES AND UTILITY POLES THAT STILL EXIST ALONG SAID EASEMENT ROUTE WILL BE REMOVED BY THE CITY OF ROSEVILLE AT THEIR SOLE COST.

BASIS OF BEARINGS:

THE BEARINGS SHOWN HEREON ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM OF 1983, ZONE 2 (EPOCH 1991.35), AS MEASURED BETWEEN NGS MONUMENTS "HPGN CA 03 09" AND "ROCKLIN". SAID BEARING IS N52°47'37"E.

DISTANCES SHOWN ARE GROUND DISTANCES. TO CONVERT TO GRID, MULTIPLY GROUND DISTANCES BY THE COMBINED FACTOR OF 0.999927226.



LEGEND

- FOUND SECTION CORNER AS NOTED

FOUND 1/16 CORNER AS SHOWN PER (1)

FOUND 1-1/2" DISK STAMPED "LS 7944" IN MONUMENT WELL

FOUND 5/8" REBAR/CAP STAMPED "LS 6046" PER (1)

SET 5/8" REBAR WITH PLASTIC CAP STAMPED "LS 9265"

DIMENSION POINT

DOC# DOCUMENT NUMBER

I.O.D. IRREVOCABLE OFFER OF DEDICATION

(OA) OVERALL

O.R. OFFICIAL RECORDS OF PLACER COUNTY

P/L PROPERTY LINE

P.U.E. PUBLIC UTILITY EASEMENT

R.O.W. RIGHT-OF-WAY

- BOUNDARY

PARCEL LINE

RIGHT-OF-WAY

EXISTING RIGHT-OF-WAY

EASEMENT

SECTION LINE

CENTER LINE

ADJACENT PROPERTY

FENCE LINE

REFERENCES

- (1) BB MAPS 24
- (2) BB MAPS 88
- (3) DD MAPS 88
- (4) DOC# 2015-0081570

PARCEL MAP

PARCEL F-55

SUBDIVISION No. PL19-0180

BEING A SUBDIVISION OF THAT PARCEL OF LAND DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON SEPTEMBER 16, 2015 AS DOCUMENT NO. 2015-0081570, OFFICIAL RECORDS OF PLACER COUNTY, WITHIN SECTION 24, TOWNSHIP 11 NORTH, RANGE 5 EAST, M.D.M.

CITY OF ROSEVILLE • PLACER COUNTY • CALIFORNIA

MACKAY & SOMPS

ENGINEERS PLANNERS SURVEYORS

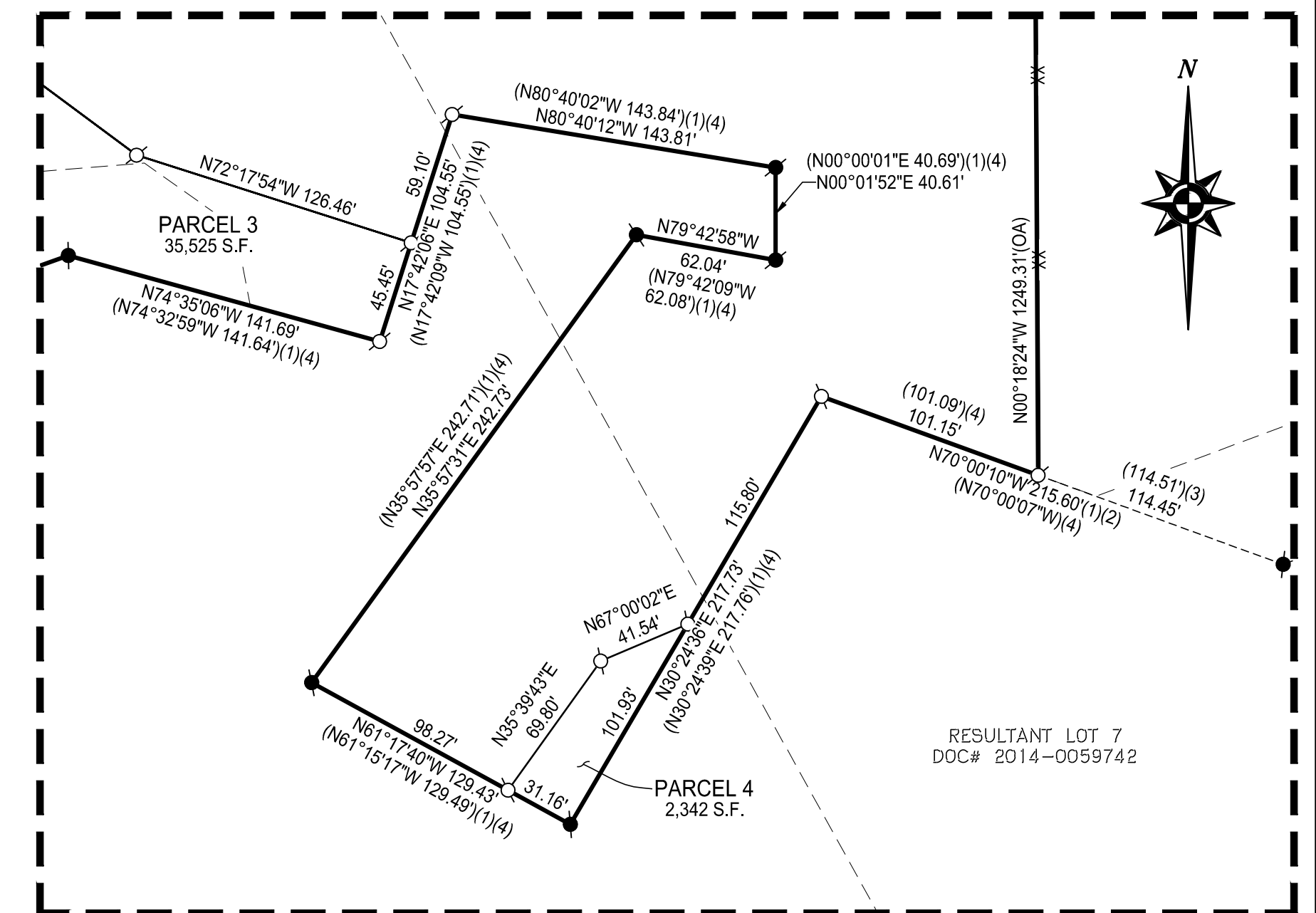
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MARCH 2020

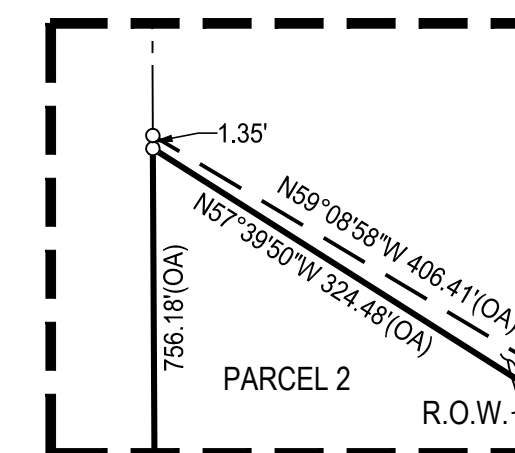
SHEET 2 OF 3

18424.F55

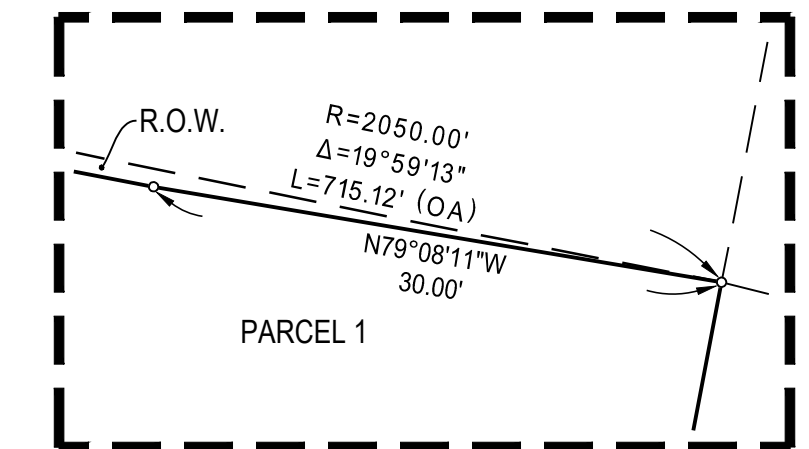
SEE SHEET 2 FOR NOTES, REFERENCES, BASIS OF BEARINGS AND LEGEND



DETAIL "A" 1"=60'



DETAIL "B" 1"=20'



DETAIL "C" N.T.S.

PARCEL MAP
PARCEL F-55

SUBDIVISION No. PL19-0180

BEING A SUBDIVISION OF THAT PARCEL OF LAND DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED ON SEPTEMBER 16, 2015 AS DOCUMENT NO. 2015-0081570, OFFICIAL RECORDS OF PLACER COUNTY, WITHIN SECTION 24, TOWNSHIP 11 NORTH, RANGE 5 EAST, M.D.M.

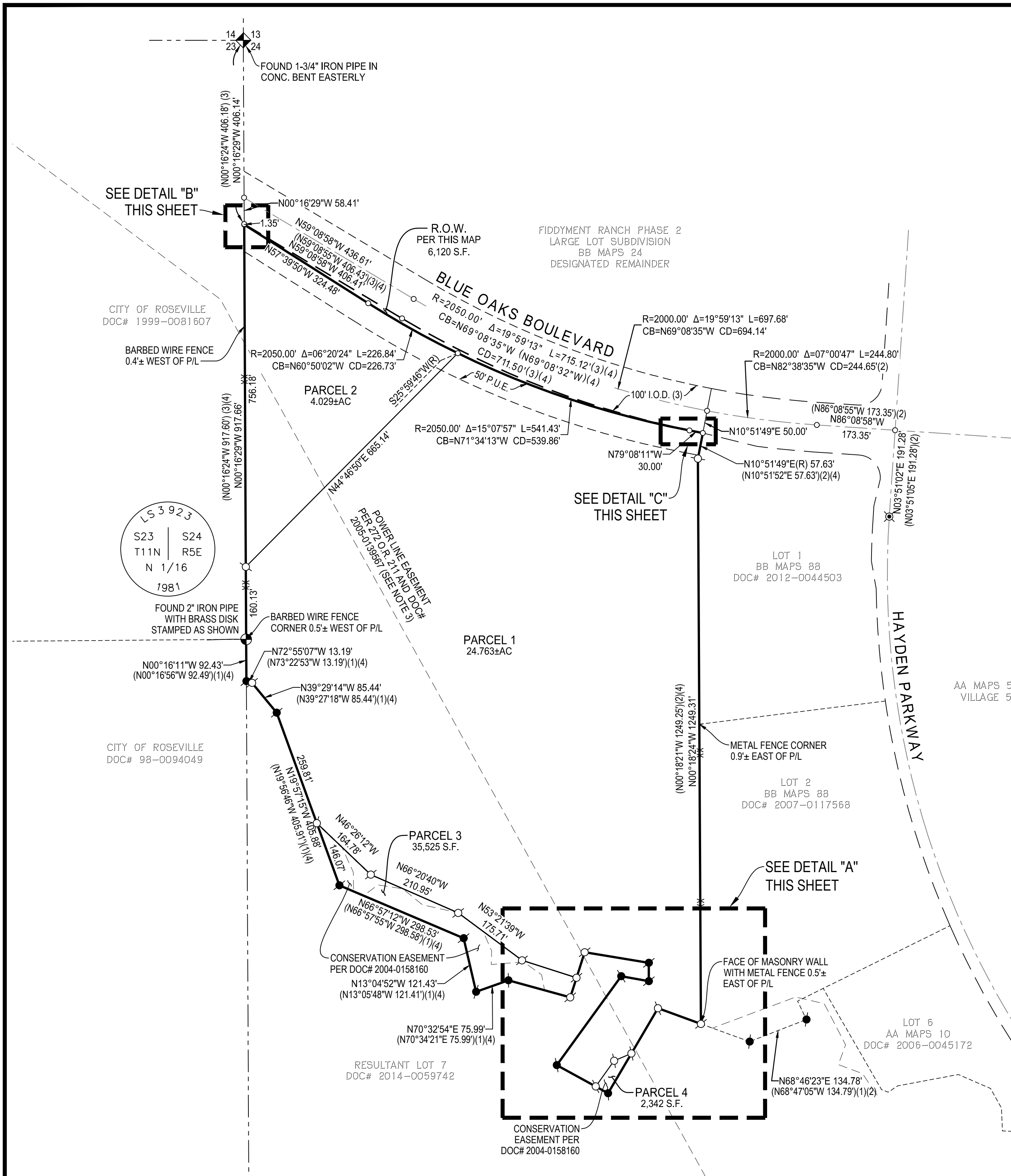
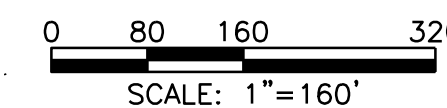
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MARCH 2020

SHEET 3 OF 3

18424.F55





COUNCIL COMMUNICATION

CC #: 0687
File #: 0102-06

Title: Proclamation - Big Day of Giving
Contact: M. Bettencourt 916-774-5266 mbettencourt@roseville.ca.us

Meeting Date: 4/15/2020
Item #: 6.19.

RECOMMENDATION TO COUNCIL

Proclaim May 7, 2020 as Big Day of Giving and encourage all citizens to support the work of local nonprofit organizations who help the community thrive.

BACKGROUND

Not applicable.

FISCAL IMPACT

Not applicable.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonable foreseeable indirect physical change in the environment (CEQA Guidelines §15061(b)(3)). Ceremonial documents do not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

M. Bettencourt, Deputy City Clerk

Sonia Orozco, City Clerk



Dominick Casey, City Manager

ATTACHMENTS:

Description

Big Day of Giving

CITY OF ROSEVILLE



BIG DAY OF GIVING

May 7, 2020

WHEREAS, on May 7, 2020, cities across the United States will be participating in a Give Local America event in which community foundations will encourage charitable giving in their communities; and

WHEREAS, the Sacramento Region Community Foundation, a trusted resource for contributing to local and regional organizations, will host the seventh annual BIG Day of Giving on May 7, 2020 in partnership with local and regional businesses and community leaders; and

WHEREAS, the BIG Day of Giving, has raised over \$40 million that local non-profits have used to benefit the region; and

WHEREAS, 600 nonprofits throughout the region will participate in the 2020 BIG Day of Giving, nearly thirty of which are located in Placer County and serve Roseville residents; and

WHEREAS, BIG Day of Giving is an opportunity for Roseville residents to show their community pride through supporting the good work of local nonprofits; and

WHEREAS, philanthropic investment helps hardworking nonprofits make an impact on the causes that affect all communities and provides donors with a sense of generosity towards causes.

NOW, THEREFORE, I, JOHN B. ALLARD II, MAYOR OF THE CITY OF ROSEVILLE, CALIFORNIA, do hereby proclaim **May 7, 2020** as **BIG DAY OF GIVING** and encourage all citizens to support the work of local nonprofit organizations who help the community thrive.

SIGNED this 15th day of April, 2020.

JOHN B. ALLARD II, MAYOR

ATTEST:

SONIA OROZCO, CITY CLERK
CITY OF ROSEVILLE, CALIFORNIA





COUNCIL COMMUNICATION

CC #: 0688
File #: 0102-06

Title: Proclamation - Parental Alienation Awareness Day
Contact: Katina Six 916-774-5267 kmsix@roseville.ca.us

Meeting Date: 4/15/2020
Item #: 6.20.

RECOMMENDATION TO COUNCIL

Proclaim April 25, 2020 as Parental Alienation Awareness Day to raise awareness around the issue of parental alienation.

BACKGROUND

Not applicable.

FISCAL IMPACT

Not applicable.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonable foreseeable indirect physical change in the environment (CEQA Guidelines §15061(b)(3)). Ceremonial documents do not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

Katrina Six, Deputy City Clerk

Sonia Orozco, City Clerk



Dominick Casey, City Manager

ATTACHMENTS:

Description

Parental Alienation Day Proclamation

CITY OF ROSEVILLE



PARENTAL ALIENATION AWARENESS DAY

April 25, 2020

WHEREAS, parental alienation deprives children of their right to love and be loved by their whole family and it is considered a form of child abuse; and

WHEREAS, behaviors such as speaking negatively about a parent to, or in front of, a child can destroy the bond between a loving parent and child; and

WHEREAS, with awareness comes education, understanding, and the power to stop the abuse of innocent children caught in the crossfire of the people they love; and

WHEREAS, this year is the 15th annual Parental Alienation Awareness Day, and the caring citizens of our community will join others around the world to raise awareness; and

NOW, THEREFORE, I, JOHN B. ALLARD II, MAYOR OF THE CITY OF ROSEVILLE, CALIFORNIA, do hereby proclaim **April 25, 2020** as **PARENTAL ALIENATION AWARENESS DAY** to raise awareness around the issue of parental alienation.

SIGNED this 15th day of April, 2020.

JOHN B. ALLARD II, MAYOR

ATTEST:

SONIA OROZCO, CITY CLERK
CITY OF ROSEVILLE, CALIFORNIA





COUNCIL COMMUNICATION

CC #: 0689
File #: 0102-06

Title: Proclamation - West Nile Virus and Mosquito and Vector Control Awareness Week
Contact: M. Bettencourt 916-774-5266 mbettencourt@roseville.ca.us

Meeting Date: 4/15/2020
Item #: 6.21.

RECOMMENDATION TO COUNCIL

Proclaim April 20 - 24, 2020 as West Nile Virus and Mosquito and Vector Control Awareness Week, increasing public awareness of the threat of diseases, and encouraging preventative action to minimize health threats within Roseville.

BACKGROUND

Not applicable.

FISCAL IMPACT

Not applicable.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonable foreseeable indirect physical change in the environment (CEQA Guidelines §15061(b)(3)). Ceremonial documents do not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

M. Bettencourt, Deputy City Clerk

Sonia Orozco, City Clerk



Dominick Casey, City Manager

ATTACHMENTS:

Description

West Nile Virus and Mosquito and Vector Control Awareness Week

April 20 - 24, 2020

SIGNED this 15th day of April, 2020.

SONIA OROZCO, CITY CLERK
CITY OF ROSEVILLE, CALIFORNIA





COUNCIL COMMUNICATION

CC #: 0705

File #: 0900-02-02-2

Title: Clean Water State Revolving Fund Loan Agreements for the Pleasant Grove Wastewater Treatment Plant Expansion Project and Energy Recovery Project

Contact: Tracie Mueller 916-774-5688 trmueller@roseville.ca.us

Meeting Date: 4/15/2020

Item #: 7.1.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council approve and adopt a resolution authorizing the City Manager to execute the following agreements on behalf of the City:

1) The Installment Sale Agreement for a low interest loan (1.3 percent) from the California State Water Resources Control Board (SWRCB) for the Pleasant Grove Wastewater Treatment Plant Expansion Project to allow the City to be eligible to receive \$85,562,844.00 from the Clean Water State Revolving Fund (CWSRF) to help provide funding for the Expansion Project (Exhibit A), and

2) The Installment Sale Agreement for a low interest loan (1.3 percent) from the SWRCB for the Pleasant Grove Wastewater Treatment Plant Energy Recovery Project to allow the City to be eligible to receive \$32,748,824.00, of which \$4,000,000.00 is anticipated to be forgiven, from the CWSRF to help provide funding for the Energy Recovery Project (Exhibit B).

BACKGROUND

The City of Roseville owns and operates the Pleasant Grove Wastewater Treatment Plant (PGWWTP) on behalf of the South Placer Wastewater Authority (SPWA) partner agencies.

The PGWWTP Expansion Project and Energy Recovery Project involve the addition of primary clarifiers, anaerobic digesters, and energy recovery equipment including microturbine electrical generators and compressed natural gas equipment for vehicle fueling, to the existing PGWWTP treatment process. The plant expansion will increase the PGWWTP's treatment capacity from 9.5 to 12 million gallons per day and is expected to provide sufficient capacity to accommodate growth within the SPWA service area through 2035. The energy recovery portion of the project will utilize products from the treatment process to produce vehicle fuel and power to offset the PGWWTP's energy needs.

Construction of both projects has already begun. The Expansion Project is scheduled to be

completed in June 2022 and the Energy Recovery Project is scheduled to be completed in February 2022. Both of the SWRCB CWSRF loan agreements have defined an Eligible Start Date of May 3, 2019, so project design and construction costs from that date will be eligible for payment from these loan proceeds.

As part of the project financing plan, staff has been working for several years to secure both of these CWSRF loans on behalf of the SPWA partner agencies. The total loan amount being requested for the two projects is \$118,311,668 which constitutes costs for the following services: construction, planning and design for the Project. The loans are administered by the SWRCB. This level of funding is expected to be able to pay all project costs.

Prior Actions Related to CWSRF Application Process

As part of the CWSRF Loan Application Process, the following documents were submitted to the SWRCB:

- 1) The Reimbursement Resolution was required to initiate review of the application. This resolution was adopted at the October 4, 2017 City Council meeting.
- 2) The Authorizing Resolution was required to be submitted to the SWRCB to complete the review process. This resolution was adopted at the August 1, 2018 City Council meeting. The Authorizing Resolution authorizes the City Manager to execute a Financial Assistance Application for a financing agreement in connection with the CWSRF Loan.
- 3) The Pledged Revenues and Funds Resolution was required to be submitted to the SWRCB to complete the review process. This resolution was adopted at the August 1, 2018 City Council meeting. The Pledged Revenues and Funds Resolution pledges repayment by the City using the Environmental Utilities Wastewater Enterprise Fund for the duration of the financing agreement.
- 4) The Debt Service Repayment Agreement between the City of Roseville and the South Placer Wastewater Authority (SPWA) partner agencies that allows the City to be reimbursed for all amounts paid towards the Project in connection with the CWSRF funding was approved at the August 1, 2018 City Council meeting. The adoption of the Debt Service Repayment Agreement results in no direct fiscal impact to the City related to the CWSRF loan payment. The Debt Service Repayment Agreement between the SPWA and the City ensures that the City is reimbursed by the SPWA for all debt service paid by Roseville for up to \$118,311,668 of CWSRF funding associated with the projects, which is equal to the sum of the two Installment Sale Agreement loan amounts recommended for approval.

FISCAL IMPACT

The adoption of the two CWSRF Installment Sale Agreements initiates the financial commitments to repay the loans and repayment will be based on the amount of the loan used. The Debt Service Agreement between the City and SPWA will allow all CWSRF loan repayment costs incurred by the City to be fully reimbursed by the SPWA agency partners; therefore resulting in no direct fiscal impact to the City.

The CWSRF interest rate of 1.3 percent is the lowest available financing option evaluated for SPWA to fund these projects. The up to \$4,000,000 loan forgiveness included in the CWSRF agreement for the Energy Recovery Project is a fiscal benefit of approving the Installment Sale

Agreement for the Energy Recovery Project.

ENVIRONMENTAL REVIEW

Implementation of the PGWWTP Expansion Project and Energy Recovery Project was previously evaluated in the Pleasant Grove Wastewater Treatment Plant Expansion and Energy Recovery Project Final Initial Study/Mitigated Negative Declaration (IS/MND) (SCH# 2016122040) (certified by the City Council on April 6, 2017), and the Addendum to the IS/MND (SCH# 2016122040) (certified by the City Council on November 7, 2018). The improvement plans included in the design-assist and construction agreements are consistent with the project evaluated in the certified Final IS/MND and the Addendum, and consequently no additional CEQA action is required for approval of these CWSRF agreements.

Respectfully Submitted,

Tracie R. Mueller, Senior Engineer

Richard D. Plecker, Environmental Utilities Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 20-110

Exhibit A

Resolution No. 20-111

Exhibit B

Exhibit C - reso 17-427 Reimbursement Resolution

Exhibit D - Authorizing Resolution

Exhibit E - Pledged Revenues and Fund(s) Resolution

Exhibit F - Debt Service Repayment Agreement

Bond Counsel Letter

RESOLUTION NO. 20-110

APPROVING AN INSTALLATION SALE AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND CALIFORNIA STATE WATER RESOURCES CONTROL BOARD, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, an Installment Sale Agreement for the Pleasant Grove Wastewater Treatment Plant Expansion project, by and between the City of Roseville and California State Water Resources Control Board, has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said Agreement is hereby approved and the City Manager is authorized to execute it on behalf of the City of Roseville.

BE IT FURTHER RESOLVED, that the City Manager is hereby authorized to sign non-substantive amendments to the Agreement, following approval of the City Attorney.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 2020, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

State Water Resources Control Board

March 30, 2020

City of Roseville
Attn: Dominick Casey, City Manager
311 Vernon Street
Roseville, CA 95678

Agreement Number: D1901013
Project Number: C-06-8215-110

Enclosed is your Agreement for your approval and signature. This Agreement cannot be considered binding by either party until executed by the State Water Resources Control Board (State Water Board).

If you are in agreement with all terms and conditions of the Agreement, please sign and date **two (2) signature** pages; return only the two (2 signature pages – it is not necessary to send the entire Agreement - **no later than thirty (30) calendar days from the date of this letter to:**

Overnight Mail

Koreenia Lazo
State Water Resources Control Board
Division of Financial Assistance
1001 I Street, 16th Floor
Sacramento, CA 95814

US Mail

Koreenia Lazo
State Water Resources Control Board
Division of Financial Assistance
P. O. Box 944212
Sacramento, CA 94244-2120

In order for the Funding Agreement to be executed by the State Water Board, the following items **must** also be returned with the signed signature pages:

1. Opinion of General Counsel.
2. Bond Counsel Letter.
3. Closing Resolution

Be aware that all projects receiving funding must comply with all applicable implementing guidelines and regulations adopted by California Department of Industrial Relations (DIR), regarding state prevailing wage requirements. You must contact DIR for guidance on how to comply. Information can be found at: <http://www.dir.ca.gov/lcp.asp>.

Davis Bacon Compliance:

https://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/davisbacon.shtml

Disadvantaged Business Enterprise (DBE)

https://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/docs/policy0513/dbe_compliance_guidelines_instructions.pdf

Ms. Lazo may be contacted at (916) 319-0807 or Koreenia.Lazo@waterboards.ca.gov

Once the Agreement is signed by both parties, we will forward an executed copy to you for your records.

FELICIA MARCUS, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR



CITY OF ROSEVILLE

AND

CALIFORNIA STATE WATER RESOURCES CONTROL BOARD



INSTALLMENT SALE AGREEMENT

PLEASANT GROVE WASTEWATER TREATMENT PLANT EXPANSION PROJECT

PROJECT NO. C-06-8215-110

AGREEMENT NO. SWRCB0000000000D1901013

AMOUNT: \$85,562,844

ELIGIBLE START DATE: MAY 3, 2019
COMPLETION OF CONSTRUCTION DATE: JUNE 10, 2022
FINAL DISBURSEMENT REQUEST DATE: DECEMBER 10, 2022
FINAL REPAYMENT DATE: JUNE 10, 2052
RECORDS RETENTION END DATE: JUNE 10, 2058

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WHEREAS,

1. The State Water Board is authorized to provide financial assistance under this Agreement pursuant to the following:
 - Chapter 6.5 of Division 7 of the California Water Code (State Act)
 - Title VI of the federal Water Pollution Control Act (Federal Act)
2. The State Water Board determines eligibility for financial assistance, determines a reasonable schedule for providing financial assistance, establishes compliance with the Federal Act and State Act, and establishes the terms and conditions of a financial assistance agreement.
3. The Recipient has applied to the State Water Board for financial assistance for the Project described in Exhibit A of this Agreement and the State Water Board has selected the application for financial assistance.
4. The State Water Board proposes to assist in providing financial assistance for eligible costs of the Project, and the Recipient desires to participate as a recipient of financial assistance from the State Water Board and evidence its obligation to pay Installment Payments, which obligation will be secured by Net Revenues as defined herein, upon the terms and conditions set forth in this Agreement, all pursuant to the Federal Act and the State Act.

NOW, THEREFORE, in consideration of the mutual representations, covenants and agreements herein set forth, the State Water Board and the Recipient, each binding itself, its successors and assigns, do mutually promise, covenant, and agree as follows:

Subject to the satisfaction of any conditions precedent to this Agreement, this Agreement shall become effective upon the signature of both the Recipient and the State Water Board.

Upon execution, the term of the Agreement shall begin on the Eligible Start Date and extend through the Final Repayment Date.

ARTICLE I DEFINITIONS

1.1 Definitions.

Unless otherwise specified, each capitalized term used in this Agreement has the following meaning:

"Additional Payments" means the Additional Payments described in Section 3.2(c) of this Agreement.

"Agreement" means this Installment Sale Agreement, including all exhibits and attachments.

"Allowance" means an amount based on a percentage of the accepted bid for an eligible project to help defray the planning, design, and construction engineering and administration costs of the Project.

"Authorized Representative" means the duly appointed representative of the Recipient as set forth in the certified original of the Recipient's authorizing resolution that designates the authorized representative by title.

"Bank" means the California Infrastructure and Economic Development Bank.

"Bond Funded Portion of the Project Funds" means any portion of the Project Funds which was or will be funded with Bond Proceeds.

"Bond Proceeds" means original proceeds, investment proceeds, and replacement proceeds of Bonds.

"Bonds" means any series of bonds issued by the Bank, the interest on which is excluded from gross income for federal tax purposes, all or a portion of the proceeds of which have been, are, or will be applied by the State Water Board to fund all or any portion of the Project Costs or that are secured in whole or in part by Installment Payments paid hereunder.

"Charge In Lieu of Interest" means any fee or charge in lieu of some or all of, but not to exceed, the interest that would otherwise be owed under this Agreement, as set forth in Exhibit C.

"Code" as used in Article V of this Agreement means the Internal Revenue Code of 1986, as amended, and any successor provisions and the regulations of the U.S. Department of the Treasury promulgated thereunder.

"Completion of Construction" means the date, as determined by the Division after consultation with the Recipient, that the work of building and erection of the Project is substantially complete, and is identified in Exhibit A of this Agreement.

"CWSRF" means the Clean Water State Revolving Fund.

"Days" means calendar days unless otherwise expressly indicated.

"Debt Service" means, as of any date, with respect to outstanding System Obligations and, in the case of the additional debt tests in Section 3.7 of this Agreement, any System Obligations that are proposed to be outstanding, the aggregate amount of principal and interest scheduled to become due (either at maturity or by mandatory redemption), together with any Charge In Lieu of Interest on this Obligation or other System Obligations to the State Water Board, calculated with the following assumptions:

- a. Principal payments (unless a different subdivision of this definition applies for purposes of determining principal maturities or amortization) are made in accordance with any amortization schedule published for such principal, including any minimum sinking fund payments;
- b. Interest on a variable rate System Obligation that is not subject to a swap agreement and that is issued or will be issued as a tax-exempt obligation under federal law, is the average of the SIFMA Municipal Swap Index, or its successor index, during the 24 months preceding the date of such calculation;
- c. Interest on a variable rate System Obligation that is not subject to a swap agreement and that is issued or will be issued as a taxable obligation under federal law, is the average of LIBOR, or its successor index, during the 24 months preceding the date of such calculation;
- d. Interest on a variable rate System Obligation that is subject to a swap agreement is the fixed swap rate or cap strike rate, as appropriate, if the variable rate has been swapped to a fixed rate or capped pursuant to an interest rate cap agreement or similar agreement;
- e. Interest on a fixed rate System Obligation that is subject to a swap agreement such that all or a portion of the interest has been swapped to a variable rate shall be treated as variable rate debt under subdivisions (b) or (c) of this definition of Debt Service;

- f. Payments of principal and interest on a System Obligation are excluded from the calculation of Debt Service to the extent such payments are to be paid from amounts then currently on deposit with a trustee or other fiduciary and restricted for the defeasance of such System Obligations;
- g. If 25% or more of the principal of a System Obligation is not due until its final stated maturity, then principal and interest on that System Obligation may be projected to amortize over the lesser of 30 years or the useful life of the financed asset, and interest may be calculated according to subdivisions (b)-(e) of this definition of Debt Service, as appropriate.

"Deputy Director" means the Deputy Director of the Division.

"Division" means the Division of Financial Assistance of the State Water Board or any other segment of the State Water Board authorized to administer this Agreement.

"Eligible Start Date" means the date set forth in Exhibit B, establishing the date on or after which construction costs may be incurred and eligible for reimbursement hereunder.

"Enterprise Fund" means the enterprise fund of the Recipient in which Revenues are deposited.

"Event of Default" means the occurrence of any of the following events:

- a) Failure by the Recipient to pay Installment Payments when due, or failure to make any other payment required to be paid pursuant to this Agreement;
- b) A representation or warranty made by or on behalf of the Recipient in this Agreement or in any document furnished by or on behalf of the Recipient to the State Water Board pursuant to this Agreement shall prove to have been inaccurate, misleading or incomplete in any material respect;
- c) A material adverse change in the condition of the Recipient, the Revenues, or the System, which the Division reasonably determines would materially impair the Recipient's ability to satisfy its obligations under this Agreement.
- d) Failure by the Recipient to comply with the additional debt test or reserve fund requirement, if any, in Section 3.7 or Exhibit D of this Agreement;
- e) Failure to operate the System or the Project without the Division's approval;
- f) Failure by the Recipient to observe and perform any covenant, condition, or provision in this Agreement, which failure shall continue for a period of time, to be determined by the Division;
- g) The occurrence of a material breach or event of default under any System Obligation that results in the acceleration of principal or interest or otherwise requires immediate prepayment, repurchase or redemption;
- h) Initiation of proceedings seeking arrangement, reorganization, or any other relief under any applicable bankruptcy, insolvency, or other similar law; the appointment of or taking possession of the Recipient's property by a receiver, liquidator, assignee, trustee, custodian, conservator, or similar official; the Recipient's entering into a general assignment for the benefit of creditors; the initiation of resolutions or proceedings to terminate the Recipient's existence, or any action in furtherance of any of the foregoing;
- i) A determination pursuant to Gov. Code section 11137 that the Recipient has violated any provision in Article 9.5 of Chapter 1 of Part 1 of Division 3 of Title 2 of the Government Code;

"Final Disbursement Request Date" means the date established in Exhibit A, after which date, no further Project Funds disbursements may be requested.

"Final Repayment Date" is the date by which all principal and accrued interest due under this Agreement is to be paid in full to the State Water Board and is specified in Exhibit B and Exhibit C.

"Fiscal Year" means the period of twelve (12) months terminating on June 30 of any year, or any other annual period selected and designated by the Recipient as its Fiscal Year in accordance with applicable law.

"Force Account" means the use of the Recipient's own employees or equipment.

"GAAP" means generally accepted accounting principles, the uniform accounting and reporting procedures set forth in publications of the American Institute of Certified Public Accountants or its successor, or by any other generally accepted authority on such procedures, and includes, as applicable, the standards set forth by the Governmental Accounting Standards Board or its successor.

"Indirect Costs" means those costs that are incurred for a common or joint purpose benefiting more than one cost objective and are not readily assignable to the Project (i.e., costs that are not directly related to the Project). Examples of Indirect Costs include, but are not limited to: central service costs; general administration of the Recipient; non-project-specific accounting and personnel services performed within the Recipient organization; depreciation or use allowances on buildings and equipment; the costs of operating and maintaining non-project-specific facilities; tuition and conference fees; generic overhead or markup; and taxes.

"Initiation of Construction" means the date that notice to proceed with work is issued for the Project, or, if notice to proceed is not required, the date of commencement of building and erection of the Project.

"Installment Payment" means any payment due to the State Water Board from the Recipient pursuant to Section 3.2 of this Agreement, as set forth in Exhibit C.

"Listed Event" means, so long as the Recipient has outstanding any System Obligation subject to Rule 15c2-12, any of the events required to be reported pursuant to Rule 15c2-12(b)(5).

"Maximum Annual Debt Service" means the maximum amount of Debt Service due on System Obligations in any Fiscal Year during the period commencing with the Fiscal Year for which such calculation is made and terminating with the last Fiscal Year in which Debt Service for any System Obligations will become due.

"Net Revenues" means, for any Fiscal Year, all Revenues received by the Recipient less the Operations and Maintenance Costs for such Fiscal Year.

"Obligation" means the obligation of the Recipient to make Installment Payments and Additional Payments as provided herein, as evidenced by the execution of this Agreement, proceeds of such obligations being used to fund the Project as specified in the Project Description in Exhibit A and Exhibit A-FBA and in the documents thereby incorporated by reference.

"Operations and Maintenance Costs" means the reasonable and necessary costs paid or incurred by the Recipient for maintaining and operating the System, determined in accordance with GAAP, including all reasonable expenses of management and repair and all other expenses necessary to maintain and preserve the System in good repair and working order, and including all reasonable and necessary administrative costs of the Recipient that are charged directly or apportioned to the operation of the System, such as salaries and wages of employees, overhead, taxes (if any), the cost of permits, licenses, and charges to operate the System and insurance premiums; but excluding, in all cases depreciation, replacement, and obsolescence charges or reserves therefor and amortization of intangibles.

"Other Material Obligation" means an obligation of the Recipient set forth in Exhibit F that is not payable from Net Revenues, but is otherwise material to this transaction.

"Policy" means the State Water Board's "Policy for Implementing the Clean Water State Revolving Fund," as amended from time to time, and including the Intended Use Plan in effect as of the Eligible Start Date.

"Project" means the Project financed by this Agreement as described in Exhibit A, Exhibit A-FBA, and in the documents incorporated by reference herein.

"Project Completion" means the date, as determined by the Division after consultation with the Recipient, that operation of the Project is initiated or is capable of being initiated, whichever comes first.

"Project Costs" means the incurred costs of the Recipient which are eligible for financial assistance under this Agreement, which are allowable costs as defined under the Policy, and which are reasonable, necessary and allocable by the Recipient to the Project under GAAP, plus capitalized interest.

"Project Funds" means all moneys disbursed to the Recipient by the State Water Board pursuant to this Agreement.

"Recipient" means the City of Roseville.

"Records Retention End Date" means the last date that the Recipient is obligated to maintain records pursuant to Section 2.17 of this Agreement.

"Regional Water Quality Control Board" or "Regional Water Board" means the appropriate Regional Water Quality Control Board.

"Reimbursement Resolution" means the Recipient's reimbursement resolution identified in Exhibit A of this Agreement.

"Reserve Fund" means the reserve fund required pursuant to Section 3.7 of this Agreement.

"Revenues" means, for each Fiscal Year, all gross income and revenue received or receivable by the Recipient from the ownership or operation of the System, determined in accordance with GAAP, including all rates, fees, and charges (including connection fees and charges) as received by the Recipient for the services of the System, and all other income and revenue howsoever derived by the Recipient from the ownership or operation of the System or arising from the System, including all income from the deposit or investment of any money in the Enterprise Fund or any rate stabilization fund of the Recipient or held on the Recipient's behalf, and any refundable deposits made to establish credit, and advances or contributions in aid of construction.

"Rule 15c2-12(b)(5)" means Rule 15c2-12(b)(5) promulgated by the Securities and Exchange Commission pursuant to the Securities Exchange Act of 1934, as amended.

"SRF" means the Clean Water State Revolving Fund.

"State" means State of California.

"State Water Board" means the State Water Resources Control Board.

"System" means all wastewater collection, pumping, transport, treatment, storage, and disposal facilities, including land and easements thereof, owned by the Recipient, including the Project, and all other properties, structures, or works hereafter acquired and constructed by the Recipient and determined to be a part of the System, together with all additions, betterments, extensions, or improvements to such facilities, properties, structures, or works, or any part thereof hereafter acquired and constructed.

“System Obligation” means any obligation of the Recipient payable from the Revenues, including but not limited to this Obligation and obligations reflected in Exhibit F and such additional obligations as may hereafter be issued in accordance with the provisions of such obligations and this Agreement.

“Year” means calendar year unless otherwise expressly indicated.

1.2 Exhibits Incorporated.

All exhibits to this Agreement, including any amendments and supplements hereto, are hereby incorporated herein and made a part of this Agreement.

ARTICLE II REPRESENTATIONS, WARRANTIES, AND COMMITMENTS

The Recipient represents, warrants, and commits to the following as of the Eligible Start Date set forth on the first page hereof and continuing thereafter for the term of this Agreement.

2.1 Application and General Recipient Commitments.

The Recipient has not made any untrue statement of a material fact in its application for this financial assistance, or omitted to state in its application a material fact that makes the statements in its application not misleading.

The Recipient shall comply with all terms, provisions, conditions, and commitments of this Agreement, including all incorporated documents, and shall fulfill all assurances, declarations, representations, and commitments in its application, accompanying documents, and communications filed in support of its request for financial assistance.

2.2 Authorization and Validity.

The execution and delivery of this Agreement, including all incorporated documents, has been duly authorized by the Recipient. Upon execution by both parties, this Agreement constitutes a valid and binding obligation of the Recipient, enforceable in accordance with its terms, except as such enforcement may be limited by law.

2.3 No Violations.

The execution, delivery, and performance by Recipient of this Agreement, including all incorporated documents, do not violate any provision of any law or regulation in effect as of the date set forth on the first page hereof, or result in any breach or default under any contract, obligation, indenture, or other instrument to which Recipient is a party or by which Recipient is bound as of the date set forth on the first page hereof.

2.4 No Litigation.

There are no pending or, to Recipient’s knowledge, threatened actions, claims, investigations, suits, or proceedings before any governmental authority, court, or administrative agency which materially affect the financial condition or operations of the Recipient, the System, the Revenues, and/or the Project.

2.5 Solvency and Insurance.

None of the transactions contemplated by this Agreement will be or have been made with an actual intent to hinder, delay, or defraud any present or future creditors of Recipient. As of the date set forth on the first page hereof, Recipient is solvent and will not be rendered insolvent by the transactions contemplated by

this Agreement. Recipient is able to pay its debts as they become due. Recipient maintains sufficient insurance coverage considering the scope of this Agreement, including, for example but not necessarily limited to, general liability, automobile liability, workers compensation and employers liability, professional liability.

2.6 Legal Status and Eligibility.

Recipient is duly organized and existing and in good standing under the laws of the State of California. Recipient shall at all times maintain its current legal existence and preserve and keep in full force and effect its legal rights and authority. Recipient shall maintain its eligibility for funding under this Agreement.

2.7 Financial Statements and Continuing Disclosure.

The financial statements of Recipient previously delivered to the State Water Board as of the date(s) set forth in such financial statements: (a) are materially complete and correct; (b) present fairly the financial condition of the Recipient; and (c) have been prepared in accordance with GAAP. Since the date(s) of such financial statements, there has been no material adverse change in the financial condition of the Recipient, nor have any assets or properties reflected on such financial statements been sold, transferred, assigned, mortgaged, pledged or encumbered, except as previously disclosed in writing by Recipient and approved in writing by the State Water Board.

The Recipient is current in its continuing disclosure obligations associated with its material debt.

2.8 Completion of Project.

The Recipient shall expeditiously proceed with and complete construction of the Project in substantial accordance with Exhibit A and Exhibit A-FBA.

2.9 Award of Construction Contracts.

- (a) The Recipient shall award the prime construction contract timely in order to meet the start of construction date specified in Exhibit A.
- (b) The Recipient shall promptly notify the Division in writing both of the award of the prime construction contract for the Project and of Initiation of Construction of the Project. The Recipient shall make all reasonable efforts to complete construction in substantial conformance with the terms of the contract by the Completion of Construction date established in Exhibit A.

2.10 Notice.

Upon the occurrence of any of the following events, the Recipient shall notify the Deputy Director and the Division's project manager within the time specified below.

- (1) The Recipient shall notify the Division within 24 hours of any discovery of any potential tribal cultural resource and/or archaeological or historical resource. In addition to notifying the Deputy Director and the Division's project manager, notice shall be delivered by phone to (916) 327-9978 and by email to CleanWaterSRF@waterboards.ca.gov. Should a potential tribal cultural resource and/or archaeological or historical resource be discovered during construction, the Recipient shall ensure that all work in the area of the find will cease until a qualified archaeologist has evaluated the situation and made recommendations regarding preservation of the resource, and the Division has determined what actions should be taken to protect and preserve the resource. The Recipient shall implement appropriate actions as directed by the Division.
- (2) The Recipient shall notify the Division within five (5) business days of the occurrence of any of the following events:

- (a) Bankruptcy, insolvency, receivership or similar event of the Recipient, or actions taken in anticipation of any of the foregoing;
 - (b) Change of ownership of the System or change of management or service contracts, if any, for operation of the System;
 - (c) Loss, theft, damage, or impairment to the Revenues or the System;
 - (d) Failure to meet any debt service coverage test in section 3.7 of this agreement;
 - (e) Draws on the Reserve Fund;
 - (f) Listed Events or Events of Default, except as set forth in subdivisions (b) or (c) of this section;
 - (g) Failure to observe or perform any covenant in this Agreement.
- (3) The Recipient shall notify the Division in writing within ten (10) business days of the following events:
- (a) Material defaults on System Obligations, other than this Obligation;
 - (b) Unscheduled draws on debt service reserves held for System Obligations, other than this Obligation, if any, reflecting financial difficulties;
 - (c) Unscheduled draws on credit enhancements on System Obligations, if any, reflecting financial difficulties;
 - (d) Substitution of credit or liquidity providers, if any or their failure to perform;
 - (e) Any litigation pending or threatened with respect to the Project or the Recipient's technical, managerial or financial capacity to operate the System or the Recipient's continued existence, circulation of a petition to repeal, reduce, or otherwise challenge the Recipient's rates for services of the System, consideration of dissolution, or disincorporation, or any other event that could materially impair the Revenues;
 - (f) Adverse tax opinions, the issuance by the Internal Revenue Service or proposed or final determinations of taxability, Notices of Proposed Issue (IRS Form 5701-TEB) or other material notices of determinations with respect to the tax status of any tax-exempt bonds;
 - (g) Rating changes on outstanding System Obligations, if any;
 - (h) Issuance of additional parity obligations; or
 - (i) Enforcement actions by the Regional Water Board;
- (4) The Recipient shall notify the Division promptly of the following:
- (a) The discovery of a false statement of fact or representation made in this Agreement or in the application to the Division for this financial assistance, or in any certification, report, or request for disbursement made pursuant to this Agreement, by the Recipient, its employees, agents, or contractors;
 - (b) Any substantial change in scope of the Project. The Recipient shall undertake no substantial change in the scope of the Project until prompt written notice of the proposed change has been provided to the Division and the Division has given written approval for the change;
 - (c) Cessation of all major construction work on the Project where such cessation of work is expected to or does extend for a period of thirty (30) days or more;
 - (d) Any circumstance, combination of circumstances, or condition, which is expected to or does delay Completion of Construction for a period of ninety (90) days or more beyond the estimated date of Completion of Construction as specified in Exhibit A;
 - (e) Discovery of any unexpected endangered or threatened species, as defined in the federal Endangered Species Act. Should a federally protected species be unexpectedly encountered during construction of the Project, the Recipient agrees to promptly notify the Division. This notification is in addition to the Recipient's obligations under the federal Endangered Species Act;
 - (f) Any Project monitoring, demonstration, or other implementation activities required in Exhibit A or Exhibit D of this Agreement, if any;

- (g) Any public or media event publicizing the accomplishments and/or results of this Agreement and provide the opportunity for attendance and participation by state representatives with at least ten (10) working days' notice to the Division;
- (h) Any events requiring notice to the Division pursuant to the provisions of Exhibit E to this Agreement; or
- (i) Completion of Construction of the Project, and actual Project Completion.

2.11 Findings and Challenge.

Upon consideration of a voter initiative to reduce Revenues, the Recipient shall make a finding regarding the effect of such a reduction on the Recipient's ability to satisfy the rate covenant set forth in Section 3.7 of this Agreement. The Recipient shall make its findings available to the public and shall request, if necessary, the authorization of the Recipient's decision-maker or decision-making body to file litigation to challenge any such initiative that it finds will render it unable to satisfy the rate covenant set forth in Section 3.7 and its obligation to operate and maintain the Project for its useful life. The Recipient shall diligently pursue and bear any and all costs related to such challenge. The Recipient shall notify and regularly update the State Water Board regarding the status of any such challenge.

2.12 Project Access.

The Recipient shall ensure that the State Water Board, the Governor of the State, the United States Environmental Protection Agency, the Office of Inspector General, any member of Congress, or any authorized representative of the foregoing, will have safe and suitable access to the Project site at all reasonable times during Project construction and thereafter for the term of the Obligation. The Recipient acknowledges that, except for a subset of information regarding archaeological records, the Project records and locations are public records, including but not limited to all of the submissions accompanying the application, all of the documents incorporated by Exhibit A and Exhibit A-FBA, and all reports, disbursement requests, and supporting documentation submitted hereunder.

2.13 Project Completion; Initiation of Operations.

Upon Completion of Construction of the Project, the Recipient shall expeditiously initiate Project operations.

2.14 Continuous Use of Project; Lease, Sale, Transfer of Ownership, or Disposal of Project.

The Recipient agrees that, except as provided in this Agreement, it will not abandon, substantially discontinue use of, lease, sell, transfer ownership of, or dispose of all or a significant part or portion of the Project during the useful life of the Project without prior written approval of the Division. Such approval may be conditioned as determined to be appropriate by the Division, including a condition requiring repayment of all disbursed Project Funds or all or any portion of all remaining funds covered by this Agreement together with accrued interest and any penalty assessments that may be due.

2.15 Project Reports.

- (a) Status Reports. The Recipient shall provide expeditiously status reports no less frequently than quarterly, starting with the execution of this Agreement. A status report must accompany any disbursement request and is a condition precedent to any disbursement. At a minimum the reports will contain the following information:
 - (1) A summary of progress to date including a description of progress since the last report, percent construction complete, percent contractor invoiced, and percent schedule elapsed;

- (2) A description of compliance with environmental requirements;
 - (3) A listing of change orders including amount, description of work, and change in contract amount and schedule; and
 - (4) Any problems encountered, proposed resolution, schedule for resolution, and status of previous problem resolutions.
- (b) Project Completion Report. The Recipient shall submit a Project Completion Report to the Division with a copy to the appropriate Regional Water Board on or before the due date established by the Division and the Recipient at the time of final project inspection. The Project Completion Report must address the following:
- (1) Describe the Project,
 - (2) Describe the water quality problem the Project sought to address,
 - (3) Discuss the Project's likelihood of successfully addressing that water quality problem in the future, and
 - (4) Summarize compliance with environmental conditions, if applicable.
- If the Recipient fails to submit a timely Project Completion Report, the State Water Board may stop processing pending or future applications for new financial assistance, withhold disbursements under this Agreement or other agreements, and begin administrative proceedings.
- (c) As Needed Reports. The Recipient shall provide expeditiously, during the term of this Agreement, any reports, data, and information reasonably required by the Division, including but not limited to material necessary or appropriate for evaluation of the funding program or to fulfill any reporting requirements of the state or federal government.

2.16 Federal Disadvantaged Business Enterprise (DBE) Reporting.

The Recipient shall report DBE utilization to the Division on the DBE Utilization Report, State Water Board Form DBE UR334. The Recipient must submit such reports to the Division annually within ten (10) calendar days following October 1 until such time as the "Notice of Completion" is issued. The Recipient shall comply with 40 CFR § 33.301.

2.17 Records.

- (a) Without limitation of the requirement to maintain Project accounts in accordance with GAAP, the Recipient shall:
- (1) Establish an official file for the Project which adequately documents all significant actions relative to the Project;
 - (2) Establish separate accounts which will adequately and accurately depict all amounts received and expended on the Project, including all assistance funds received under this Agreement;
 - (3) Establish separate accounts which will adequately depict all income received which is attributable to the Project, specifically including any income attributable to assistance funds disbursed under this Agreement;

- (4) Establish an accounting system which will accurately depict final total costs of the Project, including both direct and indirect costs;
 - (5) Establish such accounts and maintain such records as may be necessary for the State to fulfill federal reporting requirements, including any and all reporting requirements under federal tax statutes or regulations; and
 - (6) If Force Account is used by the Recipient for any phase of the Project, other than for planning, design, and construction engineering and administration provided for by allowance, accounts will be established which reasonably document all employee hours charged to the Project and the associated tasks performed by each employee. Indirect Force Account costs are not eligible for funding.
- (b) The Recipient shall maintain separate books, records and other material relative to the Project. The Recipient shall also retain such books, records, and other material for itself and for each contractor or subcontractor who performed or performs work on this project for a minimum of thirty-six (36) years after Completion of Construction. The Recipient shall require that such books, records, and other material are subject at all reasonable times (at a minimum during normal business hours) to inspection, copying, and audit by the State Water Board, the California State Auditor, the Bureau of State Audits, the United States Environmental Protection Agency (USEPA), the Office of Inspector General, the Internal Revenue Service, the Governor, or any authorized representatives of the aforementioned. The Recipient shall allow and shall require its contractors to allow interviews during normal business hours of any employees who might reasonably have information related to such records. The Recipient agrees to include a similar duty regarding audit, interviews, and records retention in any contract or subcontract related to the performance of this Agreement. The provisions of this section shall survive the discharge of the Recipient's Obligation and the term of this Agreement.

2.18 Audit.

- (a) The Division may call for an audit of financial information relative to the Project if the Division determines that an audit is desirable to assure program integrity or if an audit becomes necessary because of state or federal requirements. If an audit is called for, the audit shall be performed by a certified public accountant independent of the Recipient and at the cost of the Recipient. The audit shall be in the form required by the Division
- (b) Audit disallowances will be returned to the State Water Board.

ARTICLE III FINANCING PROVISIONS

3.1 Purchase and Sale of Project.

The Recipient hereby sells to the State Water Board and the State Water Board hereby purchases from the Recipient the Project. Simultaneously therewith, the Recipient hereby purchases from the State Water Board, and the State Water Board hereby sells to the Recipient, the Project in accordance with the provisions of this Agreement. All right, title, and interest in the Project shall immediately vest in the Recipient on the date of execution and delivery of this Agreement by both parties without further action on the part of the Recipient or the State Water Board. The State Water Board's disbursement of funds hereunder is contingent on the Recipient's compliance with the terms and conditions of this Agreement.

3.2 Amounts Payable by the Recipient.

- (a) Installment Payments. Interest will accrue beginning with each disbursement. Beginning one year after Completion of Construction, repayment of the principal of the Project Funds, together

with all interest accruing thereon, shall be repaid annually, and shall be fully amortized by the Final Repayment Date.

The Installment Payments are based on a standard fully amortized assistance amount with equal annual payments. The remaining balance is the previous balance, plus the disbursements, plus the accrued interest on both, plus any Charge In Lieu of Interest, less the Installment Payment. Installment Payment calculations will be made beginning one (1) year after Completion of Construction. Exhibit C is a payment schedule based on the provisions of this article and an estimated disbursement schedule. Actual payments will be based on actual disbursements.

Upon Completion of Construction and submission of necessary reports by the Recipient, the Division will prepare an appropriate payment schedule and supply the same to the Recipient. The Division may amend this schedule as necessary to accurately reflect amounts due under this Agreement. The Division will prepare any necessary amendments to the payment schedule and send them to the Recipient.

The Recipient shall make each Installment Payment on or before the due date therefor. A ten (10) day grace period will be allowed, after which time a penalty in the amount of costs incurred by the State Water Board will be assessed for late payment. These costs may include, but are not limited to, lost interest earnings, staff time, bond debt service default penalties, if any, and other related costs. For purposes of penalty assessment, payment will be deemed to have been made if payment is deposited in the U.S. Mail within the grace period with postage prepaid and properly addressed. Any penalties assessed will not be added to the assistance amount balance, but will be treated as a separate account and obligation of the Recipient. The interest penalty will be assessed from the payment due date.

The Recipient is obligated to make all payments required by this Agreement to the State Water Board, notwithstanding any individual default by its constituents or others in the payment to the Recipient of fees, charges, taxes, assessments, tolls or other charges ("Charges") levied or imposed by the Recipient. The Recipient shall provide for the punctual payment to the State Water Board of all amounts which become due under this Agreement and which are received from constituents or others in the payment to the Recipient. In the event of failure, neglect or refusal of any officer of the Recipient to levy or cause to be levied any Charge to provide payment by the Recipient under this Agreement, to enforce or to collect such Charge, or to pay over to the State Water Board any money collected on account of such Charge necessary to satisfy any amount due under this Agreement, the State Water Board may take such action in a court of competent jurisdiction as it deems necessary to compel the performance of all duties relating to the imposition or levying and collection of any of such Charges and the payment of the money collected therefrom to the State Water Board. Action taken pursuant hereto shall not deprive the State Water Board of, or limit the application of, any other remedy provided by law or by this Agreement.

Each Installment Payment shall be paid in lawful money of the United States of America by check or other acceptable form of payment set forth at www.waterboards.ca.gov/make_a_payment.

The Recipient shall not be entitled to interest earned on undisbursed funds. Upon execution of this Agreement, the State Water Board shall encumber an amount equal to the Obligation. The Recipient shall pay Installment Payments and Additional Payments from Net Revenues and/or other amounts legally available to the Recipient therefor. Interest on any funds disbursed to the Recipient shall begin to accrue as of the date of each disbursement.

- (b) Project Costs. The Recipient shall pay any and all costs connected with the Project including, without limitation, any and all Project Costs. If the Project Funds are not sufficient to pay the Project Costs in full, the Recipient shall nonetheless complete the Project and pay that portion of

the Project Costs in excess of available Project Funds, and shall not be entitled to any reimbursement therefor from the State Water Board.

- (c) Additional Payments. In addition to the Installment Payments required to be made by the Recipient, the Recipient shall also pay to the State Water Board the reasonable extraordinary fees and expenses of the State Water Board, and of any assignee of the State Water Board's right, title, and interest in and to this Agreement, in connection with this Agreement, including all expenses and fees of accountants, trustees, staff, contractors, consultants, costs, insurance premiums and all other extraordinary costs reasonably incurred by the State Water Board or assignee of the State Water Board.

Additional Payments may be billed to the Recipient by the State Water Board from time to time, together with a statement executed by a duly authorized representative of the State Water Board, stating that the amounts billed pursuant to this section have been incurred by the State Water Board or its assignee for one or more of the above items and a copy of the invoice or statement for the amount so incurred or paid. Amounts so billed shall be paid by the Recipient within thirty (30) days after receipt of the bill by the Recipient.

- (d) The Recipient may not prepay any portion of the principal and interest due under this Agreement without the written consent of the Deputy Director of the Division.

3.3 Obligation Absolute.

The obligation of the Recipient to make the Installment Payments and other payments required to be made by it under this Agreement, from Net Revenues and/or other amounts legally available to the Recipient therefor, is absolute and unconditional, and until such time as the Installment Payments and Additional Payments have been paid in full, the Recipient shall not discontinue or suspend any Installment Payments or other payments required to be made by it hereunder when due, whether or not the System or any part thereof is operating or operable or has been completed, or its use is suspended, interfered with, reduced or curtailed or terminated in whole or in part, and such Installment Payments and other payments shall not be subject to reduction whether by offset or otherwise and shall not be conditional upon the performance or nonperformance by any party of any agreement for any cause whatsoever.

3.4 No Obligation of the State.

Any obligation of the State Water Board herein contained shall not be an obligation, debt, or liability of the State and any such obligation shall be payable solely out of the moneys encumbered pursuant to this Agreement. If this Agreement's funding for any fiscal year expires due to reversion or is reduced, substantially delayed, or deleted by the Budget Act, by Executive Order, or by order or action of the Department of Finance, the State shall have the option to either cancel this Agreement with no liability occurring to the State, or offer an amendment to the Recipient to reflect the reduced amount.

3.5 Disbursement of Project Funds; Availability of Funds.

- (a) Except as may be otherwise provided in this Agreement, disbursement of Project Funds will be made as follows:
- (1) Upon execution and delivery of this Agreement by both parties, the Recipient may request immediate disbursement of any eligible incurred planning and design allowance as specified in Exhibit B from the Project Funds through submission to the State Water Board of the Disbursement Request Form 260 and Form 261, or any amendment thereto, duly completed and executed.

- (2) The Recipient may request disbursement of eligible construction and equipment costs consistent with budget amounts referenced in Exhibit B and Exhibit A-FBA. (Note that this Agreement will be amended to incorporate Exhibit A-FBA after final budget approval.)
 - (3) Additional Project Funds will be promptly disbursed to the Recipient upon receipt of Disbursement Request Form 260 and Form 261, or any amendment thereto, duly completed and executed by the Recipient for incurred costs consistent with this Agreement, along with receipt of status reports due under Section 2.15 above.
 - (4) The Recipient shall not request disbursement for any Project Cost until such cost has been incurred and is currently due and payable by the Recipient, although the actual payment of such cost by the Recipient is not required as a condition of disbursement request. Supporting documentation (e.g., receipts) must be submitted with each Disbursement Request. The amount requested for administration costs must include a calculation formula (i.e., hours or days worked times the hourly or daily rate = total amount claimed). Disbursement of Project Funds will be made only after receipt of a complete, adequately supported, properly documented, and accurately addressed Disbursement Request.
 - (5) Recipient shall spend Project Funds within 30 days of receipt. Any interest earned on Project Funds shall be reported to the State Water Board and may be required to be returned to the State Water Board or deducted from future disbursements.
 - (6) The Recipient shall not be entitled to interest earned on undisbursed funds.
 - (7) The Recipient shall not request a disbursement unless that Project Cost is allowable, reasonable, and allocable.
 - (8) Notwithstanding any other provision of this Agreement, no disbursement shall be required at any time or in any manner which is in violation of or in conflict with federal or state laws, policies, or regulations.
 - (9) Costs incurred for travel outside the State of California are not eligible for reimbursement under this Agreement unless the Division provides prior written authorization. Any reimbursement for necessary travel and per diem shall be at rates not to exceed those set by the California Department of Human Resources. These rates may be found at <http://www.calhr.ca.gov/employees/Pages/travel-reimbursements.aspx>. Reimbursement will be at the State travel and per diem amounts that are current as of the date costs are incurred by the Recipient.
- (b) The State Water Board's obligation to disburse Project Funds is contingent upon the availability of sufficient funds to permit the disbursements provided for herein. If sufficient funds are not available for any reason, including but not limited to failure of the federal or State government to appropriate funds necessary for disbursement of Project Funds, the State Water Board shall not be obligated to make any disbursements to the Recipient under this Agreement. This provision shall be construed as a condition precedent to the obligation of the State Water Board to make any disbursements under this Agreement. Nothing in this Agreement shall be construed to provide the Recipient with a right of priority for disbursement over any other agency. If any disbursements due the Recipient under this Agreement are deferred because sufficient funds are unavailable, it is the intention of the State Water Board that such disbursement will be made to the Recipient when sufficient funds do become available, but this intention is not binding.
- (c) Fraud and Misuse of Public Funds. All requests for disbursement submitted shall be accurate and signed by the Recipient's Authorized Representative under penalty of perjury. All costs submitted pursuant to this Agreement shall only be for the tasks set forth herein. The Recipient shall not submit any invoice containing costs that are ineligible or have been reimbursed from other funding sources unless required and specifically noted as such (i.e., match costs). Any eligible costs for which the Recipient is seeking reimbursement shall not be reimbursed from any other source. Double or multiple billing for time, services, or any other eligible cost is improper and will not be compensated. Any suspected occurrences of fraud, forgery, embezzlement, theft, or any other misuse of public funds may result in suspension of disbursements and, notwithstanding any other section in this Agreement, the termination of this Agreement requiring

the repayment of all funds disbursed hereunder. Additionally, the Deputy Director of the Division may request an audit and refer the matter to the Attorney General's Office or the appropriate district attorney's office for criminal prosecution or the imposition of civil liability.

3.6 Withholding of Disbursements and Material Violations.

Notwithstanding any other provision of this Agreement, the State Water Board may withhold all or any portion of the Project Funds upon the occurrence of any of the following events:

- a. The Recipient's failure to maintain reasonable progress on the Project as determined by the Division;
- b. Placement on the ballot or passage of an initiative or referendum to repeal or reduce the Recipient's taxes, assessments, fees, or charges levied for operation of the System or repayment of debt service on System Obligations;
- c. Commencement of litigation or a judicial or administrative proceeding related to the System, Project, or Revenues that the State Water Board determines may impair the timely completion of the Project or the repayment of the Obligation;
- d. Any investigation by the District Attorney, California State Auditor, Bureau of State Audits, United States Environmental Protection Agency's Office of Inspector General, the Internal Revenue Service, Securities and Exchange Commission, a grand jury, or any other state or federal agency, relating to the Recipient's financial management, accounting procedures, or internal fiscal controls;
- e. A material adverse change in the condition of the Recipient, the Revenues, or the System, that the Division reasonably determines would materially impair the Recipient's ability to satisfy its obligations under this Agreement, or any other event that the Division reasonably determines would materially impair the Recipient's ability to satisfy its obligations under this Agreement;
- f. The Recipient's material violation of, or threat to materially violate, any term of this Agreement;
- g. Evidence of fraud, forgery, embezzlement, theft, or any other misuse of public funds by the Recipient or its employees, or by its contractors or agents regarding the Project or the System;
- h. An Event of Default or an event that the Division determines may become an Event of Default;

3.7 Pledge; Rates, Fees and Charges; Additional Debt.

- (a) Establishment of Enterprise Fund and Reserve Fund. In order to carry out its System Obligations, the Recipient covenants that it shall establish and maintain or shall have established and maintained the Enterprise Fund. All Revenues received shall be deposited when and as received in trust in the Enterprise Fund. As required in paragraph (f) of this Section, the Recipient shall establish and maintain a Reserve Fund.
- (b) Pledge of Net Revenues, Enterprise Fund, and Reserve Fund. The Obligation hereunder shall be secured by a lien on and pledge of the Enterprise Fund, Net Revenues, and any Reserve Fund in priority as specified in Exhibit F (senior, parity, or subordinate). The Recipient hereby pledges and grants such lien on and pledge of the Enterprise Fund, Net Revenues, and any Reserve Fund to secure the Obligation, including payment of Installment Payments and Additional Payments hereunder. The Net Revenues in the Enterprise Fund, shall be subject to the lien of such pledge without any physical delivery thereof or further act, and the lien of such pledge shall be valid and binding as against all parties having claims of any kind in tort, contract, or otherwise against the Recipient.
- (c) Application and Purpose of the Enterprise Fund. Subject to the provisions of any outstanding System Obligation, money on deposit in the Enterprise Fund shall be applied and used first, to

pay Operations and Maintenance Costs, and thereafter, all amounts due and payable with respect to the System Obligations. After making all payments hereinabove required to be made in each Fiscal Year, the Recipient may expend in such Fiscal Year any remaining money in the Enterprise Fund for any lawful purpose of the Recipient, including payment of subordinate debt.

(d) Rates, Fees and Charges.

The Recipient shall, to the extent permitted by law, fix, prescribe and collect rates, fees and charges for the System during each Fiscal Year which are reasonable, fair, and nondiscriminatory and which will be sufficient to generate Revenues in the amounts necessary to cover Operations and Maintenance Costs, and shall ensure that Net Revenues are equal to at least 120% of the Maximum Annual Debt Service with respect to all outstanding System Obligations.

The Recipient may make adjustments from time to time in such fees and charges and may make such classification thereof as it deems necessary, but shall not reduce the rates, fees and charges then in effect unless the Net Revenues from such reduced rates, fees, and charges will at all times be sufficient to meet the requirements of this section.

(e) Additional Debt Test.

(1) Additional Senior Debt. The Recipient's future debt that is secured by Revenues pledged herein may not be senior to this Obligation, except where the new senior obligation refunds or refinances a senior obligation with the same lien position as the existing senior obligation, the new senior obligation has the same or earlier repayment term as the refunded senior debt, the new senior debt service is the same or lower than the existing debt service, and the new senior debt will not diminish the Recipient's ability to repay its SRF obligations.

(2) Additional Parity or Subordinate Debt. The Recipient may issue additional parity or subordinate debt only if

(A) Net Revenues in the most recent Fiscal Year, excluding transfers from a rate stabilization fund, if any, meet the ratio for rate covenants set forth in paragraph (d) of this Section with respect to all outstanding and proposed additional obligations;

(B) The Recipient is in compliance with any reserve fund requirement of this Obligation.

(f) Reserve Fund.

Prior to Completion of Construction, the Recipient shall establish a restricted Reserve Fund, held in its Enterprise Fund, equal to one year's Debt Service on this Obligation. The Recipient shall maintain the Reserve Fund throughout the term of this Agreement. The Reserve Fund shall be subject to lien and pledged as security for this Obligation, and its use shall be restricted to payment of this Obligation during the term of this Agreement.

(g) The Recipient may issue or incur subordinate obligations or otherwise issue or incur obligations payable from a lien on Net Revenues that is subordinate to the lien of Net Revenues securing the Obligation.

(h) The Recipient shall not make any pledge of or place any lien on Revenues and shall not make any pledge of or place any lien on Net Revenues except as otherwise provided or permitted by this Agreement.

3.8 Financial Management System and Standards.

The Recipient shall comply with federal standards for financial management systems. The Recipient agrees that, at a minimum, its fiscal control and accounting procedures will be sufficient to permit preparation of reports required by the federal government and tracking of Project funds to a level of expenditure adequate to establish that such funds have not been used in violation of federal or state law or the terms of this Agreement. To the extent applicable, the Recipient shall be bound by, and to comply with, the provisions and requirements of the federal Single Audit Act of 1984, Office of Management and Budget (OMB) Circular No. A-133 and 2 CFR Part 200, subpart F, and updates or revisions, thereto.

3.9 Accounting and Auditing Standards.

The Recipient must maintain project accounts according to GAAP as issued by the Governmental Accounting Standards Board (GASB) or its successor. The Recipient shall maintain GAAP-compliant project accounts, including GAAP requirements relating to the reporting of infrastructure assets.

3.10 Other Assistance.

If funding for Project Costs is made available to the Recipient from sources other than this Agreement, the Recipient shall notify the Division. The Recipient may retain such funding up to an amount which equals the Recipient's local share of Project Costs. To the extent allowed by requirements of other funding sources, excess funding shall be remitted to the State Water Board to be applied to Installment Payments due hereunder, if any.

ARTICLE IV MISCELLANEOUS PROVISIONS

4.1 Amendment.

No amendment or variation of the terms of this Agreement shall be valid unless made in writing and signed by both the Recipient and the Deputy Director or designee. Requests for amendments shall be made in writing and directed to the Deputy Director.

4.2 Assignability.

The Recipient consents to any pledge, sale, or assignment to the Bank or a trustee for the benefit of the owners of the Bonds, if any, at any time of any portion of the State Water Board's estate, right, title, and interest and claim in, to and under this Agreement and the right to make all related waivers and agreements in the name and on behalf of the State Water Board, as agent and attorney-in-fact, and to perform all other related acts which are necessary and appropriate under this Agreement, if any, and the State Water Board's estate, right, title, and interest and claim in, to and under this Agreement to Installment Payments (but excluding the State Water Board's rights to Additional Payments and to notices, opinions and indemnification under each Obligation). This Agreement is not assignable by the Recipient, either in whole or in part, without the consent of the State Water Board in the form of a formal written amendment to this Agreement.

4.3 Bonding.

Where contractors are used, the Recipient shall not authorize construction to begin until each contractor has furnished a performance bond in favor of the Recipient in the following amounts: faithful performance (100%) of contract value; labor and materials (100%) of contract value. This requirement shall not apply to any contract for less than \$25,000.00.

4.4 Competitive Bidding

Recipient shall adhere to any applicable state law or local ordinance for competitive bidding and applicable labor laws.

4.5 Compliance with Law, Regulations, etc.

The Recipient shall, at all times, comply with and require its contractors and subcontractors to comply with all applicable federal and state laws, rules, guidelines, regulations, and requirements. Without limitation of the foregoing, to the extent applicable, the Recipient shall:

- (a) Comply with the provisions of the adopted environmental mitigation plan, if any, for the term of this Agreement;
- (b) Comply with the State Water Board's Policy;
- (c) Comply with and require compliance with the list of State laws attached as Exhibit H.
- (d) Comply with and require its contractors and subcontractors on the Project to comply with federal DBE requirements; and
- (e) Comply with and require its contractors and subcontractors to comply with the list of federal laws attached as Exhibit E.

4.6 Conflict of Interest.

The Recipient certifies that its owners, officers, directors, agents, representatives, and employees are in compliance with applicable state and federal conflict of interest laws.

4.7 Damages for Breach Affecting Tax-Exempt Status or Federal Compliance

In the event that any breach of any of the provisions of this Agreement by the Recipient shall result in the loss of tax-exempt status for any bonds of the State or any subdivision or agency thereof, including Bonds issued on behalf of the State Water Board, or if such breach shall result in an obligation on the part of the State or any subdivision or agency thereof to reimburse the federal government by reason of any arbitrage profits, the Recipient shall immediately reimburse the State or any subdivision or agency thereof in an amount equal to any damages paid by or loss incurred by the State or any subdivision or agency thereof due to such breach. In the event that any breach of any of the provisions of this Agreement by the Recipient shall result in the failure of Project Funds to be used pursuant to the provisions of this Agreement, or if such breach shall result in an obligation on the part of the State or any subdivision or agency thereof to reimburse the federal government, the Recipient shall immediately reimburse the State or any subdivision or agency thereof in an amount equal to any damages paid by or loss incurred by the State or any subdivision or agency thereof due to such breach.

4.8 Disputes.

- (a) The Recipient may appeal a staff decision within 30 days to the Deputy Director of the Division or designee, for a final Division decision. The Recipient may appeal a final Division decision to the State Water Board within 30 days. The Office of the Chief Counsel of the State Water Board will prepare a summary of the dispute and make recommendations relative to its final resolution, which will be provided to the State Water Board's Executive Director and each State Water Board Member. Upon the motion of any State Water Board Member, the State Water Board will review and resolve the dispute in the manner determined by the State Water Board. Should the State Water Board determine not to review the final Division decision, this decision will represent a final agency action on the dispute.

- (b) This clause does not preclude consideration of legal questions, provided that nothing herein shall be construed to make final the decision of the State Water Board, or any official or representative thereof, on any question of law.
- (c) Recipient shall continue with the responsibilities under this Agreement during any dispute.
- (d) This section 4.8 relating to disputes does not establish an exclusive procedure for resolving claims within the meaning of Government Code sections 930 and 930.4.

4.9 Governing Law.

This Agreement is governed by and shall be interpreted in accordance with the laws of the State of California.

4.10 Income Restrictions.

The Recipient agrees that any refunds, rebates, credits, or other amounts (including any interest thereon) accruing to or received by the Recipient under this Agreement shall be paid by the Recipient to the State Water Board, to the extent that they are properly allocable to costs for which the Recipient has been reimbursed by the State Water Board under this Agreement.

4.11 Indemnification and State Reviews.

The parties agree that review or approval of Project plans and specifications by the State Water Board is for administrative purposes only, including conformity with application and eligibility criteria, and expressly not for the purposes of design defect review or construction feasibility, and does not relieve the Recipient of its responsibility to properly plan, design, construct, operate, and maintain the Project. To the extent permitted by law, the Recipient agrees to indemnify, defend, and hold harmless the State Water Board, the Bank, and any trustee, and their officers, employees, and agents for the Bonds, if any (collectively, "Indemnified Persons"), against any loss or liability arising out of any claim or action brought against any Indemnified Persons from and against any and all losses, claims, damages, liabilities, or expenses, of every conceivable kind, character, and nature whatsoever arising out of, resulting from, or in any way connected with (1) the System or the Project or the conditions, occupancy, use, possession, conduct, or management of, work done in or about, or the planning, design, acquisition, installation, or construction, of the System or the Project or any part thereof; (2) the carrying out of any of the transactions contemplated by this Agreement or any related document; (3) any violation of any applicable law, rule or regulation, any environmental law (including, without limitation, the Federal Comprehensive Environmental Response, Compensation and Liability Act, the Resource Conservation and Recovery Act, the California Hazardous Substance Account Act, the Federal Water Pollution Control Act, the Clean Air Act, the Toxic Substances Control Act, the Occupational Safety and Health Act, the Safe Drinking Water Act, the California Hazardous Waste Control Law, and California Water Code Section 13304, and any successors to said laws), rule or regulation or the release of any toxic substance on or near the System; or (4) any untrue statement or alleged untrue statement of any material fact or omission or alleged omission to state a material fact necessary to make the statements required to be stated therein, in light of the circumstances under which they were made, not misleading with respect to any information provided by the Recipient for use in any disclosure document utilized in connection with any of the transactions contemplated by this Agreement, except those arising from the gross negligence or willful misconduct of the Indemnified Persons. The Recipient shall also provide for the defense and indemnification of the Indemnified Parties in any contractual provision extending indemnity to the Recipient in any contract let for the performance of any work under this Agreement, and shall cause the Indemnified Parties to be included within the scope of any provision for the indemnification and defense of the Recipient in any contract or subcontract. To the fullest extent permitted by law, the Recipient agrees to pay and discharge any judgment or award entered or made against Indemnified Persons with respect to any such claim or action, and any settlement, compromise or other voluntary resolution. The

provisions of this section shall survive the term of this Agreement and the discharge of the Recipient's Obligation hereunder.

4.12 Independent Actor.

The Recipient, and its agents and employees, if any, in the performance of this Agreement, shall act in an independent capacity and not as officers, employees, or agents of the State Water Board.

4.13 Integration.

This Agreement constitutes the complete and final agreement between the parties. No oral or written understanding or agreement not incorporated in this Agreement shall be binding on either party.

4.14 Leveraging Covenants.

- (a) Tax Covenant. Notwithstanding any other provision hereof, the Recipient covenants and agrees that it will comply with the Tax Covenants set forth in Article V of this Agreement.
- (b) Disclosure of Financial Information, Operating Data, and Other Information. The Recipient covenants to furnish such financial, operating and other data pertaining to the Recipient as may be requested by the State Water Board to: (i) enable the State Water Board to cause the issuance of Bonds and provide for security therefor; or (ii) enable any underwriter of Bonds issued for the benefit of the State Water Board to comply with Rule 15c2-12(b)(5). The Recipient further covenants to provide the State Water Board with copies of all continuing disclosure documents or reports that are disclosed pursuant to (i) the Recipient's continuing disclosure undertaking or undertakings made in connection with any outstanding System Obligation, (ii) the terms of any outstanding System Obligation, or (iii) a voluntary disclosure of information related to an outstanding System Obligation. The Recipient shall disclose such documents or reports to the State Water Board at the same time such documents or reports are submitted to any dissemination agent, trustee, nationally recognized municipal securities information repository, the Municipal Securities Rulemaking Board's Electronic Municipal Market Access (EMMA) website or other person or entity.

4.15 Non-Discrimination Clause.

- (a) The Recipient shall comply with Government Code section 11135 and the implementing regulations (Cal. Code Regs, tit. 2, § 11140 et seq.), including, but not limited to, ensuring that no person is unlawfully denied full and equal access to the benefits of, or unlawfully subjected to discrimination in the operation of, the Project or System on the basis of sex, race, color, religion, ancestry, national origin, ethnic group identification, age, mental disability, physical disability, medical condition, genetic information, marital status, or sexual orientation as such terms are defined under California law, for as long as the Recipient retains ownership or possession of the Project.
- (b) If Project Funds are used to acquire or improve real property, the Recipient shall include a covenant of nondiscrimination running with the land in the instrument effecting or recording the transfer of such real property.
- (c) The Recipient shall comply with the federal American with Disabilities Act of 1990 and implementing regulations as required by Government Code section 11135(b).
- (d) The Recipient's obligations under this section shall survive the term of this Agreement.
- (e) During the performance of this Agreement, Recipient and its contractors and subcontractors shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for

employment because of sex, race, color, ancestry, religious creed, national origin, sexual orientation, physical disability (including HIV and AIDS), mental disability, medical condition (cancer), age (over 40), marital status, denial of family care leave, or genetic information, gender, gender identity, gender expression, or military and veteran status.

- (f) The Recipient, its contractors, and subcontractors shall ensure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment.
- (g) The Recipient, its contractors, and subcontractors shall comply with the provisions of the Fair Employment and Housing Act and the applicable regulations promulgated thereunder. (Gov. Code, §12990, subds. (a)-(f) et seq.; Cal. Code Regs., tit. 2, § 7285 et seq.) Such regulations are incorporated into this Agreement by reference and made a part hereof as if set forth in full.
- (h) The Recipient, its contractors, and subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement.
- (i) The Recipient shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under this Agreement.

4.16 No Third Party Rights.

The parties to this Agreement do not create rights in, or grant remedies to, any third party as a beneficiary of this Agreement, or of any duty, covenant, obligation, or undertaking established herein.

4.17 Operation and Maintenance; Insurance.

The Recipient agrees to sufficiently and properly staff, operate and maintain all portions of the System during its useful life in accordance with all applicable state and federal laws, rules, and regulations.

The Recipient will procure and maintain or cause to be maintained insurance on the System with responsible insurers, or as part of a reasonable system of self-insurance, in such amounts and against such risks (including damage to or destruction of the System) as are usually covered in connection with systems similar to the System. Such insurance may be maintained by a self-insurance plan so long as such plan provides for (i) the establishment by the Recipient of a separate segregated self-insurance fund in an amount determined (initially and on at least an annual basis) by an independent insurance consultant experienced in the field of risk management employing accepted actuarial techniques and (ii) the establishment and maintenance of a claims processing and risk management program.

In the event of any damage to or destruction of the System caused by the perils covered by such insurance, the net proceeds thereof shall be applied to the reconstruction, repair or replacement of the damaged or destroyed portion of the System. The Recipient shall begin such reconstruction, repair or replacement as expeditiously as possible, and shall pay out of such net proceeds all costs and expenses in connection with such reconstruction, repair or replacement so that the same shall be completed and the System shall be free and clear of all claims and liens. If such net proceeds are insufficient to reconstruct, repair, or restore the System to the extent necessary to enable the Recipient to pay all remaining unpaid principal portions of the Installment Payments, if any, in accordance with the terms of this Agreement, the Recipient shall provide additional funds to restore or replace the damaged portions of the System.

Recipient agrees that for any policy of insurance concerning or covering the construction of the Project, it will cause, and will require its contractors and subcontractors to cause, a certificate of insurance to be issued showing the State Water Board, its officers, agents, employees, and servants as additional

insured; and shall provide the Division with a copy of all such certificates prior to the commencement of construction of the Project.

4.18 Permits, Subcontracting, and Remedies.

The Recipient shall comply in all material respects with all applicable federal, state and local laws, rules and regulations. Recipient shall procure all permits, licenses and other authorizations necessary to accomplish the work contemplated in this Agreement, pay all charges and fees, and give all notices necessary and incidental to the due and lawful prosecution of the work. Signed copies of any such permits or licenses shall be submitted to the Division before construction begins.

The Recipient shall not contract or allow subcontracting with excluded parties. The Recipient shall not contract with any party who is debarred or suspended or otherwise excluded from or ineligible for participation in any work overseen, directed, funded, or administered by the State Water Board program for which this funding is authorized. For any work related to this Agreement, the Recipient shall not contract with any individual or organization on the State Water Board's List of Disqualified Businesses and Persons that is identified as debarred or suspended or otherwise excluded from or ineligible for participation in any work overseen, directed, funded, or administered by the State Water Board program for which funding under this Agreement is authorized. The State Water Board's List of Disqualified Businesses and Persons is located at http://www.waterboards.ca.gov/water_issues/programs/enforcement/fwa/dbp.shtml

4.19 Prevailing Wages.

The Recipient agrees to be bound by all applicable provisions of State Labor Code regarding prevailing wages. The Recipient shall monitor all agreements subject to reimbursement from this Agreement to ensure that the prevailing wage provisions of the State Labor Code are being met. In addition, the Recipient agrees to comply with the provisions of Exhibit G (Davis-Bacon).

4.20 Public Funding.

This Project is publicly funded. Any service provider or contractor with which the Recipient contracts must not have any role or relationship with the Recipient, that, in effect, substantially limits the Recipient's ability to exercise its rights, including cancellation rights, under the contract, based on all the facts and circumstances.

4.21 Recipient's Responsibility for Work.

The Recipient shall be responsible for all work and for persons or entities engaged in work performed pursuant to this Agreement, including, but not limited to, contractors, subcontractors, suppliers, and providers of services. The Recipient shall be responsible for responding to any and all disputes arising out of its contracts for work on the Project. The State Water Board will not mediate disputes between the Recipient and any other entity concerning responsibility for performance of work.

4.22 Related Litigation.

Under no circumstances may the Recipient use funds from any disbursement under this Agreement to pay costs associated with any litigation the Recipient pursues against the State Water Board or any Regional Water Quality Control Board. Regardless of the outcome of any such litigation, and notwithstanding any conflicting language in this Agreement, the Recipient agrees to repay all of the disbursed funds plus interest in the event that Recipient does not complete the project.

4.23 Rights in Data.

The Recipient agrees that all data, plans, drawings, specifications, reports, computer programs, operating manuals, notes, and other written or graphic work produced in the performance of this Agreement are subject to the rights of the State as set forth in this section. The State shall have the right to reproduce, publish, and use all such work, or any part thereof, in any manner and for any purposes whatsoever and to authorize others to do so. If any such work is copyrightable, the Recipient may copyright the same, except that, as to any work which is copyrighted by the Recipient, the State reserves a royalty-free, nonexclusive, and irrevocable license to reproduce, publish, and use such work, or any part thereof, and to authorize others to do so, and to receive electronic copies from the Recipient upon request.

4.24 State Water Board Action; Costs and Attorney Fees.

Any remedy provided in this Agreement is in addition to and not in derogation of any other legal or equitable remedy available to the State Water Board as a result of breach of this Agreement by the Recipient, whether such breach occurs before or after completion of the Project, and exercise of any remedy provided by this Agreement by the State Water Board shall not preclude the State Water Board from pursuing any legal remedy or right which would otherwise be available. In the event of litigation between the parties hereto arising from this Agreement, it is agreed that each party shall bear its own costs and attorney fees.

4.25 Termination and Other Remedies Upon Event of Default.

For purposes of this section, the term "State Water Board" shall mean the State Water Board and its assignees.

- (a) Return of Funds; Acceleration; and Additional Payments. Notwithstanding Exhibit B, if the Division determines that an Event of Default has occurred, the Recipient shall, upon demand, immediately do each of the following:
 - (a) return to the State Water Board the grant or principal forgiveness amounts received pursuant to this Agreement, if any;
 - (b) accelerate the payment of all principal owed under this Agreement, if any, which shall be immediately due and payable;
 - (c) pay interest at the highest legal rate on all amounts owed; and
 - (d) pay any Additional Payments.
- (b) Judicial remedies. Whenever the State Water Board determines that an Event of Default shall have occurred, the State Water Board may enforce its rights under this Agreement by any judicial proceeding, whether at law or in equity. Without limiting the generality of the foregoing, the State Water Board may: by suit in equity, require the Recipient to account for amounts relating to this Agreement as if the Recipient were the trustee of an express trust; by mandamus or other proceeding, compel the performance by the Recipient and any of its officers, agents, and employees of any duty under the law or of any obligation or covenant under this Agreement, including but not limited to the imposition and collection of rates for the services of the System sufficient to meet all requirements of this Agreement; and take whatever action at law or in equity as may appear necessary or desirable to the State Water Board to collect the Installment Payments then due or thereafter to become due, or to enforce performance of any obligation or covenant of the Recipient under this Agreement.
- (c) Termination. Upon an Event of Default, the State Water Board may terminate this Agreement. Interest shall accrue on all amounts due at the highest legal rate of interest from the date that the State Water Board delivers notice of termination to the Recipient.

- (d) Remedies Not Exclusive. None of the remedies available to the State Water Board shall be exclusive of any other remedy, and each such remedy shall be cumulative and in addition to every other remedy given hereunder or now or hereafter existing at law or in equity. The State Water Board may exercise any remedy, now or hereafter existing, without exhausting and without regard to any other remedy.
- (e) Non-waiver. Nothing in this section or any other section of this Agreement shall affect or impair the Recipient's obligation to pay Installment Payments as provided herein or shall affect or impair the right of the State Water Board to bring suit to enforce such payment. No delay or omission of the State Water Board in the exercise of any right arising upon an Event of Default shall impair any such right or be construed to be a waiver of any such Event of Default. The State Water Board may exercise from time to time and as often as shall be deemed expedient by the State Water Board, any remedy or right provided by law or pursuant to this Agreement.
- (f) Status Quo. If any action to enforce any right or exercise any remedy shall be brought and either discontinued or determined adversely to the State Water Board, then the State Water Board shall be restored to its former position, rights and remedies as if no such action had been brought.

4.26 Timeliness.

Time is of the essence in this Agreement.

4.27 Unenforceable Provision.

In the event that any provision of this Agreement is unenforceable or held to be unenforceable, then the parties agree that all other provisions of this Agreement have force and effect and shall not be affected thereby.

4.28 Useful Life.

The Recipient warrants that the economic useful life of the Project, commencing at Project Completion, is at least equal to the term of this Agreement, as set forth in Exhibit B.

4.29 Venue.

Any action arising out of this Agreement shall be filed and maintained in the Superior Court in and for the County of Sacramento, California.

4.30 Waiver and Rights of the State Water Board.

Any waiver of rights by the State Water Board with respect to a default or other matter arising under this Agreement at any time shall not be considered a waiver of rights with respect to any other default or matter.

Any rights and remedies of the State Water Board provided for in this Agreement are in addition to any other rights and remedies provided by law.

ARTICLE V TAX COVENANTS

5.1 Purpose.

The purpose of this Article V is to establish the reasonable expectations of the Recipient regarding the Project and the Project Funds, and is intended to be and may be relied upon for purposes of Sections 103, 141 and 148 of the Code and as a certification described in Section 1.148-2(b)(2) of the Treasury

Regulations. This Article V sets forth certain facts, estimates and circumstances which form the basis for the Recipient's expectation that neither the Project nor the Bond Funded Portion of the Project Funds is to be used in a manner that would cause the Obligation to be classified as "arbitrage bonds" under Section 148 of the Code or "private activity bonds" under Section 141 of the Code.

5.2 Tax Covenant.

The Recipient agrees that it will not take or authorize any action or permit any action within its reasonable control to be taken, or fail to take any action within its reasonable control, with respect to the Project which would result in the loss of the exclusion of interest on the Bonds from gross income for federal income tax purposes under Section 103 of the Code.

5.3 Governmental Unit.

The Recipient is a state or local governmental unit as defined in Section 1.103-1 of the Treasury Regulations or an instrumentality thereof (a "Governmental Unit") and is not the federal government or any agency or instrumentality thereof.

5.4 Financing of a Capital Project.

The Recipient will use the Project Funds to finance costs it has incurred or will incur for the construction, reconstruction, installation or acquisition of the Project. Such costs shall not have previously been financed with the proceeds of any other issue of tax-exempt obligations.

5.5 Ownership and Operation of Project.

The Recipient exclusively owns and, except as provided in Section 5.12 hereof, operates the Project.

5.6 Temporary Period.

The Recipient reasonably expects that at least eighty-five percent (85%) of the Bond Funded Portion of the Project Funds will be allocated to expenditures for the Project within three (3) years of the earlier of the effective date of this Agreement or the date the Bonds are issued ("Applicable Date"). The Recipient has incurred, or reasonably expects that it will incur within six (6) months of the Applicable Date, a substantial binding obligation (i.e., not subject to contingencies within the control of the Recipient or a related party) to a third party to expend at least five percent (5%) of the Bond Funded Portion of the Project Funds on Project Costs. The completion of acquisition, construction, improvement and equipping of the Project and the allocation of the Bond Funded Portion of the Project Funds to Project Costs will proceed with due diligence.

5.7 Working Capital.

No operational expenditures of the Recipient or any related entity are being, have been or will be financed or refinanced with Project Funds.

5.8 Expenditure of Proceeds.

The Bond Funded Portion of the Project Funds shall be used exclusively for the following purposes: (i) Reimbursement Expenditures (as defined in Section 5.20 below), (ii) Preliminary Expenditures (as defined in Section 5.20 below) in an aggregate amount not exceeding twenty percent (20%) of the Bond Funded Portion of the Project Funds, (iii) capital expenditures relating to the Project originally paid by the Recipient on or after the date hereof, (iv) interest on the Obligation through the later of three (3) years after the Applicable Date or one (1) year after the Project is placed in service, and (v) initial operating expenses directly associated with the Project in the aggregate amount not more than five percent (5%) of the Bond Funded Portion of the Project Funds.

5.9 Private Use and Private Payments.

No portion of the Project Funds or the Project is being, has been or will be used in the aggregate for any activities that constitute a Private Use (as defined below). No portion of the principal of or interest with respect to the Installment Payments will be secured by any interest in property (whether or not the Project) used for a Private Use or in payments in respect of property used for a Private Use, or will be derived from payments in respect of property used for a Private Use. "Private Use" means any activity that constitutes a trade or business that is carried on by persons or entities, other than a Governmental Unit. The leasing of the Project or the access by or the use of the Project by a person or entity other than a Governmental Unit on a basis other than as a member of the general public shall constitute a Private Use. Use by or on behalf of the State of California or any of its agencies, instrumentalities or subdivisions or by any local Governmental Unit and use as a member of the general public will be disregarded in determining whether a Private Use exists. Use under an arrangement that conveys priority rights or other preferential benefits is generally not use on the same basis as the general public. Arrangements providing for use that is available to the general public at no charge or on the basis of rates that are generally applicable and uniformly applied do not convey priority rights or other preferential benefits. For this purpose, rates may be treated as generally applicable and uniformly applied even if (i) different rates apply to different classes of users, such as volume purchasers, if the differences in rates are customary and reasonable; or (ii) a specially negotiated rate arrangement is entered into, but only if the user is prohibited by federal law from paying the generally applicable rates, and the rates established are as comparable as reasonably possible to the generally applicable rates. An arrangement that does not otherwise convey priority rights or other preferential benefits is not treated, nevertheless, as general public use if the term of the use under the arrangement, including all renewal options, is greater than 200 days. For this purpose, a right of first refusal to renew use under the arrangement is not treated as a renewal option if (i) the compensation for the use under the arrangement is redetermined at generally applicable, fair market value rates that are in effect at the time of renewal; and (ii) the use of the financed property under the same or similar arrangements is predominantly by natural persons who are not engaged in a trade or business.

5.10 No Sale, Lease or Private Operation of the Project.

The Project (or any portion thereof) will not be sold or otherwise disposed of, in whole or in part, to any person who is not a Governmental Unit prior to the final maturity date of the Obligation. The Project will not be leased to any person or entity that is not a Governmental Unit prior to the final maturity date of the Obligation. Except as permitted under Section 5.12 hereof, the Recipient will not enter any contract or arrangement or cause or permit any contract or arrangement to be entered with persons or entities that are not Governmental Units if that contract or arrangement would confer on such persons or entities any right to use the Project on a basis different from the right of members of the general public. The contracts or arrangements contemplated by the preceding sentence include but are not limited to management contracts, take or pay contracts or put or pay contracts, and capacity guarantee contracts.

5.11 No Disproportionate or Unrelated Use.

No portion of the Project Funds or the Project is being, has been, or will be used for a Private Use that is unrelated or disproportionate to the governmental use of the Project Funds.

5.12 Management and Service Contracts.

The Recipient represents that, as of the date hereof, it is not a party to any contract, agreement or other arrangement with any persons or entities engaged in a trade or business (other than Governmental Units) that involve the management or operation of property or the provision of services at or with respect to the Project that does not comply with the standards of the Treasury Regulations, Revenue Procedure 97-13, as modified by Revenue Procedure 2001-39 and IRS Notice 2014-67, or Revenue Procedure 2017-13, as applicable. The Recipient represents that it will not be party to any such contract, agreement or arrangement with any person or entity that is not a Governmental Unit for the management of property or

the provision of services at or with respect to the Project, while the Obligation (including any obligation or series thereof issued to refund the Obligation, as the case may be) is outstanding, except: (a) with respect to any contract, agreement or arrangement that does not constitute "private business use" of the Project under Code §141(b), or (b) with respect to any contract, agreement or arrangement that complies with (i) Revenue Procedure 97-13, 1997-1 C.B. 632, as amended by Revenue Procedure 2001-39, 2001-2 C.B. 38, and as amplified by Notice 2014-67, with respect to contracts entered into before August 18, 2017 and not materially modified or extended after August 18, 2017, or (ii) Revenue Procedure 2017-13, with respect to contracts entered into or materially modified or extended on or after August 18, 2017, or (c) with respect to any contract, agreement or arrangement that does not give rise to use of the Bond Funded Portion of the Project Funds or the Project by a non-Governmental Unit of more than the amount of such non-qualified use permitted by the Code, or (d) in the event that the Recipient receives an opinion of counsel, satisfactory to the State Water Board and the Bank and expert in the issuance of state and local government bonds the interest on which is excluded from gross income under Section 103 of the Code ("Nationally-Recognized Bond Counsel"), that such contract, agreement or arrangement will not adversely affect the exclusion of the interest on the Obligation from gross income for federal income taxation purposes.

5.13 No Disposition of Financed Property.

As of the date hereof, the Recipient does not expect to sell or otherwise dispose of any portion of the Project, in whole or in part, prior to the final maturity date of the Obligation.

5.14 Useful Life of Project.

As of the date hereof, the Recipient reasonably expects that the economic useful life of the Project, commencing at Project Completion, will be at least equal to the term of this Agreement, as set forth on Exhibit B hereto.

5.15 Installment Payments.

Installment Payments generally are expected to be derived from assessments, taxes, fees, charges or other current Revenues of the Recipient in each year, and such current Revenues are expected to equal or exceed the Installment Payments during each payment period. Any amounts accumulated in a sinking fund or bona fide debt service fund to pay Installment Payments (whether or not deposited to a fund or account established by the Recipient) will be disbursed to pay Installment Payments within thirteen months of the initial date of accumulation or deposit. Any such fund used for the payment of Installment Payments will be depleted once a year except for a reasonable carryover amount not exceeding the greater of earnings on such fund or one-twelfth of the Installment Payments in either case for the immediately preceding year.

5.16 No Other Replacement Proceeds.

The Recipient will not use any of the Bond Funded Portion of the Project Funds to replace or substitute other funds of the Recipient that were otherwise to be used to finance the Project or which are or will be used to acquire securities, obligations or other investment property reasonably expected to produce a yield that is materially higher than the yield on the Bonds.

5.17 No Sinking or Pledged Fund.

Except as set forth in Section 5.18 below, the Recipient will not create or establish any sinking fund or pledged fund which will be used to pay Installment Payments on the Obligation within the meaning of Section 1.148-1(c) of the Treasury Regulations. If any sinking fund or pledged fund comes into being with respect to the Obligation before the Obligation has been fully retired which may be used to pay the Installment Payments, the Recipient will invest such sinking fund and pledged fund moneys at a yield that does not exceed the yield on the Bonds.

5.18 Reserve Amount.

The State Water Board requires that the Recipient maintain and fund a separate account in an amount equal to one (1) year of Debt Service with respect to the Obligation (the "Reserve Amount") as set forth in Section 3.7. The Recipient represents that the Reserve Amount is and will be available to pay debt service with respect to the Obligation, if and when needed. The Reserve Amount consists solely of revenues of the Recipient and does not include any proceeds of any obligations the interest on which is excluded from gross income for federal income tax purposes or investment earnings thereon. The aggregate of the Reserve Amount, up to an amount not exceeding the lesser of (i) ten percent of the aggregate principal amount of the Obligation, (ii) the maximum annual debt service with respect to the Obligation, or (iii) 125 percent of the average annual debt service with respect to the Obligation, will be treated as a reasonably required reserve fund.

5.19 Reimbursement Resolution.

The "reimbursement resolution" adopted by the Recipient is incorporated herein by reference, pursuant to Exhibit A.

5.20 Reimbursement Expenditures.

Reimbursements are disallowed, except as specifically authorized in Exhibit B or Exhibit D of this Agreement. To the extent so authorized, a portion of the Bond Funded Portion of the Project Funds may be applied to reimburse the Recipient for Project Costs paid before the date hereof, so long as the Project Cost was (i) not paid prior to sixty (60) days before the Recipient's adoption of a declaration of official intent to finance the Project, (ii) not paid more than eighteen (18) months prior to the date hereof or the date the Project was placed-in-service, whichever is later, and (iii) not paid more than three (3) years prior to the date hereof (collectively, "Reimbursement Expenditures"), unless such cost is attributable to a "preliminary expenditure." Preliminary expenditure for this purpose means architectural, engineering, surveying, soil testing and similar costs incurred prior to the commencement of construction or rehabilitation of the Project, but does not include land acquisition, site preparation and similar costs incident to the commencement of acquisition, construction or rehabilitation of the Project. Preliminary expenditures may not exceed 20% of the Bond Funded Portion of the Project Funds.

5.21 Change in Use of the Project.

The Recipient reasonably expects to use all of the Bond Funded Portion of the Project Funds and the Project for the entire stated term to maturity of the Obligation. Absent an opinion of Nationally-Recognized Bond Counsel to the effect that such use of the Bond Funded Portion of the Project Funds will not adversely affect the exclusion from federal gross income of interest on the Bonds pursuant to Section 103 of the Code, the Recipient will use the Bond Funded Portion of the Project Funds and the Project solely as set forth in this Agreement.

5.22 Rebate Obligations.

If the Recipient satisfies the requirements of one of the spending exceptions to rebate specified in Section 1.148-7 of the Treasury Regulations, amounts earned from investments, if any, acquired with the Bond Funded Portion of the Project Funds will not be subject to the rebate requirements imposed under Section 148(f) of the Code. If the Recipient fails to satisfy such requirements for any period, it will notify the State Water Board and the Bank immediately and will comply with the provisions of the Code and the Treasury Regulations at such time, including the payment of any rebate amount calculated by the State Water Board or the Bank.

5.23 No Federal Guarantee.

The Recipient will not directly or indirectly use any of the Bond Funded Portion of the Project Funds in any manner that would cause the Bonds to be "federally guaranteed" within the meaning of Section 149(b) of the Code, taking into account various exceptions including any guarantee related to investments during an initial temporary period until needed for the governmental purpose of the Bonds, investments as part of a bona fide debt service fund, investments of a reasonably required reserve or replacement fund, investments in bonds issued by the United States Treasury, investments in refunding escrow funds or certain other investments permitted under the Treasury Regulations.

5.24 No Notices or Inquiries from IRS.

Within the last 10 years, the Recipient has not received any notice of a final action of the Internal Revenue Service that determines that interest paid or payable on any debt obligation of the Recipient is or was includable in the gross income of an owner or beneficial owner thereof for federal income tax purposes under the Code.

5.25 Amendments.

The provisions in this Article may be amended, modified or supplemented at any time to reflect changes in the Code upon obtaining written approval of the State Water Board and the Bank and an opinion of Nationally-Recognized Bond Counsel to the effect that such amendment, modification or supplement will not adversely affect the exclusion from federal gross income of interest on the Bonds pursuant to Section 103 of the Code.

5.26 Reasonable Expectations.

The Recipient warrants that, to the best of its knowledge, information and belief, and based on the facts and estimates as set forth in the tax covenants in this Article, the expectations of the Recipient as set forth in this Article are reasonable. The Recipient is not aware of any facts or circumstances that would cause it to question the accuracy or reasonableness of any representation made in the provisions in this Article V.

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.

CITY OF ROSEVILLE:

By: _____
Name: Dominick Casey
Title: City Manager

Date: _____

STATE WATER RESOURCES CONTROL BOARD:

By: _____
Name: Leslie Laudon
Title: Deputy Director
Division of Financial Assistance

Date: _____

EXHIBIT A – SCOPE OF WORK

1. Eligible Start Date. The Eligible Start Date is May 3, 2019.
2. Start of Construction Date. The Recipient agrees to start construction no later than the estimated date of February 15, 2020.
3. Completion of Construction Date. The Completion of Construction date is hereby established as June 10, 2022. The Recipient shall deliver any request for extension of the Completion of Construction date no less than 90 days prior to the Completion of Construction date.
4. Final Disbursement Request Date. The Recipient agrees to ensure that its final Request for Disbursement is received by the Division no later than December 10, 2022, unless prior approval has been granted by the Division. Otherwise, the undisbursed balance of this Agreement will be deobligated.
5. Records Retention Date is June 10, 2058.
6. Incorporated Documents. Incorporated by reference into this Agreement are the following documents:
 - a. [Reserved];
 - b. the Waste Discharge Requirement Order No. R5-2014-0051 and National Pollutant Discharge Elimination System Permit No. CA0084573;
 - c. the Recipient's Reimbursement Resolution No. 17-427 dated August 1, 2018;
 - d. the Recipient's Tax Questionnaire dated September 29, 2017.
7. Reporting. Status Reports due at least quarterly.
8. Scope of Work.

The present treatment capacity of the Pleasant Grove Wastewater Treatment Plant (PGWWTP) is not adequate to treat the projected influent loads that the plant is expected to receive in the future. In order to increase the plants treatment capacity, the Expansion Project is intended to achieve the following objectives:

- Increase the biochemical oxygen demand organic treatment capacity from 23,500 lbs/day to 34,500 lbs/day.
- Increase the overall treatment capacity of the existing PGWWTP from 9.5 million gallon per day (MGD) to 12 MGD average daily weather flow.
- Accommodate the anticipated wastewater treatment demands through approximately 2040; and
- Improve overall treatment reliability and operating efficiency at PGWWTP.

The Recipient must complete all planning, design, procurement, and construction of the following facilities within the existing PGWWTP:

- four primary clarifiers with odor control facilities and an electrical building;
- a solid's thickening building;
- sludge pumping systems;
- two anaerobic digesters;
- a digester control building;

EXHIBIT A – SCOPE OF WORK

- a waste gas burner;
- conversion of an existing waste activated sludge (WAS) holding tank to a concentrate storage tank;
- conversion of an existing WAS holding tank to a digested sludge holding tank/secondary digester; and
- ancillary facilities.

9. Signage.

The Recipient shall place a sign at least four feet tall by eight feet wide made of ¾ inch thick exterior grade plywood or other approved material in a prominent location on the Project site and shall maintain the sign in good condition for the duration of the construction period. The sign must include the following disclosure statement and color logos (available from the Division):



“Funding for this Pleasant Grove Wastewater Treatment Plant Expansion and Energy Recovery Project Phase 1 project has been provided in full or in part by the Clean Water State Revolving Fund through an agreement with the State Water Resources Control Board. California’s Clean Water State Revolving Fund is capitalized through a variety of funding sources, including grants from the United States Environmental Protection Agency and state bond proceeds.”

The Project sign may include another agency's required promotional information so long as the above logos and disclosure statement are equally prominent on the sign. The sign shall be prepared in a professional manner.

The Recipient shall include the following disclosure statement in any document, written report, or brochure prepared in whole or in part pursuant to this Agreement:

“Funding for this project has been provided in full or in part through an agreement with the State Water Resources Control Board. California’s Clean Water State Revolving Fund is capitalized through a variety of funding sources, including grants from the United States Environmental Protection Agency and state bond proceeds. The contents of this document do not necessarily reflect the views and policies of the foregoing, nor does mention of trade names or commercial products constitute endorsement or recommendation for use.”

EXHIBIT B – FUNDING AMOUNT

1. Estimated Reasonable Cost. The estimated reasonable cost of the total Project, including associated planning and design costs is eighty-five million five hundred sixty-two thousand eight hundred forty-four dollars and no cents (\$85,562,844.00).
2. Project Financing. Subject to the terms of this Agreement, the State Water Board agrees to provide Project Funds in the amount of up to eighty-five million five hundred sixty-two thousand eight hundred forty-four dollars and no cents (\$85,562,844.00).
3. Payment, Interest Rate, and Charges. The Recipient agrees to make all Installment Payments according to the schedule in Exhibit C at an interest rate of one three tenths percent (1.3%) per annum. In lieu of, and not to exceed, interest otherwise due under this Agreement, the Recipient agrees to pay the following charge(s), as further set forth in Exhibit C:
 - an Administrative Service Charge
 - a Small Community Grant Fund Charge
4. Useful Life. The useful life of this Project is at least thirty (30) years.
5. The Final Repayment Date is June 10, 2052.
6. Budget costs are contained in the Project Cost Table, which is part of Exhibit A-FBA. This Agreement will be amended to incorporate Exhibit A-FBA.
7. Preliminary budget costs are as follows:

Planning and design allowances: \$6,677,827

Construction costs and disbursements are not available until after this Agreement has been amended to incorporate Exhibit A-FBA. Construction costs incurred prior to the Eligible Start Date are not eligible for reimbursement. Failure to begin construction according to the timelines set forth in Exhibit A may require the Recipient to repay to the State Water Board all disbursed Project Funds, including planning and design allowances.

EXHIBIT C – PAYMENT SCHEDULE

See the attached preliminary Payment Schedule. The final Payment Schedule will be forwarded to the Recipient after all disbursements have been paid and construction of the Project has been completed.

Pleasant Grove Wastewater Treatment Plant Expansion and Energy Recovery Project phase 1

Ref Num	Due Date	Date Received	Principal Payment	Interest Rate%	Interest Payment	Total P and I Payment	Total Payment	Ending Balance	CPI Interest
1	6/10/2023		2,032,556.95	1.300	849,846.81	2,882,403.76	2,882,403.76	69,269,814.05	0.00
2	6/10/2024		2,339,998.23	1.300	975,039.66	3,315,037.89	3,315,037.89	77,387,491.82	0.00
3	6/10/2025		2,430,355.04	1.300	1,047,234.35	3,477,589.39	3,477,589.39	78,759,933.78	0.00
4	6/10/2026		2,453,710.25	1.300	1,023,879.14	3,477,589.39	3,477,589.39	76,306,223.53	0.00
5	6/10/2027		2,485,608.48	1.300	991,980.91	3,477,589.39	3,477,589.39	73,820,615.05	0.00
6	6/10/2028		2,517,921.39	1.300	959,668.00	3,477,589.39	3,477,589.39	71,302,693.66	0.00
7	6/10/2029		2,550,654.37	1.300	926,935.02	3,477,589.39	3,477,589.39	68,752,039.29	0.00
8	6/10/2030		2,583,812.88	1.300	893,776.51	3,477,589.39	3,477,589.39	66,168,226.41	0.00
9	6/10/2031		2,617,402.45	1.300	860,186.94	3,477,589.39	3,477,589.39	63,550,823.96	0.00
10	6/10/2032		2,651,428.68	1.300	826,160.71	3,477,589.39	3,477,589.39	60,899,395.28	0.00
11	6/10/2033		2,685,897.25	1.300	791,692.14	3,477,589.39	3,477,589.39	58,213,498.03	0.00
12	6/10/2034		2,720,813.92	1.300	756,775.47	3,477,589.39	3,477,589.39	55,492,684.11	0.00
13	6/10/2035		2,756,184.50	1.300	721,404.89	3,477,589.39	3,477,589.39	52,736,499.61	0.00
14	6/10/2036		2,792,014.90	1.300	685,574.49	3,477,589.39	3,477,589.39	49,944,484.71	0.00
15	6/10/2037		2,828,311.09	1.300	649,278.30	3,477,589.39	3,477,589.39	47,116,173.62	0.00
16	6/10/2038		2,865,079.13	1.300	612,510.26	3,477,589.39	3,477,589.39	44,251,094.49	0.00
17	6/10/2039		2,902,325.16	1.300	575,264.23	3,477,589.39	3,477,589.39	41,348,769.33	0.00
18	6/10/2040		2,940,055.39	1.300	537,534.00	3,477,589.39	3,477,589.39	38,408,713.94	0.00
19	6/10/2041		2,978,276.11	1.300	499,313.28	3,477,589.39	3,477,589.39	35,430,437.83	0.00
20	6/10/2042		3,016,993.70	1.300	460,595.69	3,477,589.39	3,477,589.39	32,413,444.13	0.00
21	6/10/2043		3,056,214.62	1.300	421,374.77	3,477,589.39	3,477,589.39	29,357,229.51	0.00
22	6/10/2044		3,095,945.41	1.300	381,643.98	3,477,589.39	3,477,589.39	26,261,284.10	0.00
23	6/10/2045		3,136,192.70	1.300	341,396.69	3,477,589.39	3,477,589.39	23,125,091.40	0.00
24	6/10/2046		3,176,963.20	1.300	300,626.19	3,477,589.39	3,477,589.39	19,948,128.20	0.00
25	6/10/2047		3,218,263.72	1.300	259,325.67	3,477,589.39	3,477,589.39	16,729,864.48	0.00
26	6/10/2048		3,260,101.15	1.300	217,488.24	3,477,589.39	3,477,589.39	13,469,763.33	0.00
27	6/10/2049		3,302,482.47	1.300	175,106.92	3,477,589.39	3,477,589.39	10,167,280.86	0.00
28	6/10/2050		3,345,414.74	1.300	132,174.65	3,477,589.39	3,477,589.39	6,821,866.12	0.00
29	6/10/2051		3,388,905.13	1.300	88,684.26	3,477,589.39	3,477,589.39	3,432,960.99	0.00
30	6/10/2052		3,432,960.99	1.300	44,628.49	3,477,589.48	3,477,589.48	0.00	0.00
			85,562,844.00		18,007,100.66	103,569,944.66	103,569,944.66		0.00

EXHIBIT D – SPECIAL CONDITIONS

Recipient acknowledges and agrees to the following special conditions:

Environmental:

The documents identified below are incorporated by reference and the Recipient shall comply with the conditions and recommendations therein:

1. The adopted November 7, 2018 Mitigation Monitoring and Reporting Program, including, but not limited to, the following mitigation measures:
 - 3.4-1 for biological resources, and
 - 3.5-1 and 3.5-2 for cultural resources.

The Recipient shall make no changes in the Project, construction area, or Special Conditions, without obtaining the appropriate and necessary prior approval(s) from the State Water Board.

REPORTING TO THE STATE WATER BOARD

1. In its status reports submitted pursuant to this Agreement, the Recipient shall include a discussion of the status of its compliance with environmental measures identified in this Exhibit D.
2. In its Project Completion Report submitted pursuant to this Agreement, the Recipient shall include a discussion of compliance with environmental measures identified in this Exhibit D.

Legal

1. As a condition precedent to this Agreement, the Recipient must deliver an opinion of bond counsel and general counsel satisfactory to the State Water Board's counsel.
2. As a condition precedent to this Agreement, the Recipient must deliver to the Division a resolution authorizing this Agreement.

EXHIBIT E – PROGRAMMATIC CONDITIONS & CROSS-CUTTERS

The Recipient agrees to comply with the following federal conditions:

(A) Federal Award Conditions

- (1) American Iron and Steel. Unless the Recipient has obtained a waiver from USEPA on file with the State Water Board or unless this Project is not a project for the construction, alteration, maintenance or repair of a public water system or treatment work, the Recipient shall not purchase “iron and steel products” produced outside of the United States on this Project. Unless the Recipient has obtained a waiver from USEPA on file with the State Water Board or unless this Project is not a project for the construction, alteration, maintenance or repair of a public water system or treatment work, the Recipient hereby certifies that all “iron and steel products” used in the Project were or will be produced in the United States. For purposes of this section, the term “iron and steel products” means the following products made primarily of iron or steel: lined or unlined pipes and fittings, manhole covers and other municipal castings, hydrants, tanks, flanges, pipe clamps and restraints, valves, structural steel, reinforced precast concrete, and construction materials. “Steel” means an alloy that includes at least 50 percent iron, between .02 and 2 percent carbon, and may include other elements.
- (2) Wage Rate Requirements (Davis-Bacon). The Recipient shall include in full the language provided in Exhibit G of this Agreement in all contracts and subcontracts.
- (3) Signage Requirements. The Recipient shall comply with the USEPA’s Guidelines for Enhancing Public Awareness of SRF Assistance Agreements, dated June 3, 2015, as otherwise specified in this Agreement.
- (4) Public or Media Events. The Recipient shall notify the State Water Board and the EPA contact as provided in the notice provisions of this Agreement of public or media events publicizing the accomplishment of significant events related to this Project and provide the opportunity for attendance and participation by federal representatives with at least ten (10) working days’ notice.
- (5) EPA General Terms and Conditions (USEPA GTCs). The Recipient shall comply with applicable EPA general terms and conditions found at <http://www.epa.gov/ogd>, including but not limited to the following:
 - (a) DUNS. No Recipient may receive funding under this Agreement unless it has provided its DUNS number to the State Water Board.
 - (b) Executive Compensation. The Recipient shall report the names and total compensation of each of its five most highly compensated executives for the preceding completed fiscal year, as set forth in the USEPA GTCs.
 - (c) Federal Exclusion or Disqualification. The Recipient represents and warrants that it and its principals are not excluded or disqualified from participating in this transaction as such terms are defined in Parts 180 and 1532 of Title 2 of the Code of Federal Regulations (2 CFR). If the Recipient is excluded after execution of this Agreement, the Recipient shall notify the Division within ten (10) days and shall inform the Division of the Recipient’s exclusion in any request for amendment of this Agreement. The Recipient shall comply with Subpart C of Part 180 of 2 CFR, as supplemented by Subpart C of Part 1532 of 2 CFR. Such compliance is a condition precedent to the State Water Board’s performance of its obligations under this Agreement. When entering into a covered transaction

EXHIBIT E – PROGRAMMATIC CONDITIONS & CROSS-CUTTERS

as defined in Parts 180 and 1532 of 2 CFR, the Recipient shall require the other party to the covered transaction to comply with Subpart C of Part 180 of 2 CFR, as supplemented by Subpart C of Part 1532 of 2 CFR.

- (d) Conflict of Interest. To the extent applicable, the Recipient shall disclose to the State Water Board any potential conflict of interest consistent with USEPA's Final Financial Assistance Conflict of Interest Policy at <https://www.epa.gov/grants/epas-final-financial-assistance-conflict-interest-policy>. A conflict of interest may result in disallowance of costs.
- (e) Copyright and Patent.
 - i. USEPA and the State Water Board have the right to reproduce, publish, use and authorize others to reproduce, publish and use copyrighted works or other data developed under this assistance agreement.
 - ii. Where an invention is made with Project Funds, USEPA and the State Water Board retain the right to a worldwide, nonexclusive, nontransferable, irrevocable, paid-up license to practice the invention owned by the Recipient. The Recipient must utilize the Interagency Edison extramural invention reporting system at <http://iEdison.gov> and shall notify the Division when an invention report, patent report, or utilization report is filed.
- (f) Credit. The Recipient agrees that any reports, documents, publications or other materials developed for public distribution supported by this Agreement shall contain the following statement:

“This project has been funded wholly or in part by the United States Environmental Protection Agency and the State Water Resources Control Board. The contents of this document do not necessarily reflect the views and policies of the Environmental Protection Agency or the State Water Resources Control Board, nor does the EPA or the Board endorse trade names or recommend the use of commercial products mentioned in this document.”
- (g) Electronic and Information Technology Accessibility. The Recipient is encouraged to follow guidelines established under Section 508 of the Rehabilitation Act, codified at 36 CFR Part 1194, with respect to enabling individuals with disabilities to participate in its programs supported by this Project.
- (h) Trafficking in Persons. The Recipient, its employees, contractors and subcontractors and their employees may not engage in severe forms of trafficking in persons, procure a commercial sex act during the term of this Agreement, or use forced labor in the performance of this Agreement. The Recipient must include this provision in its contracts and subcontracts under this Agreement. The Recipient must inform the State Water Board immediately of any information regarding a violation of the foregoing. The Recipient understands that failure to comply with this provision may subject the State Water Board to loss of federal funds. The Recipient agrees to compensate the State Water Board for any such funds lost due to its failure to comply with this condition, or the failure of its contractors or subcontractors to comply with this condition. The State Water Board may unilaterally terminate this Agreement if the Recipient that is a private entity is determined to have violated the foregoing. Trafficking Victims Protection Act of 2000.

EXHIBIT E – PROGRAMMATIC CONDITIONS & CROSS-CUTTERS

(B) Super Cross-Cutters - Civil Rights Obligations. The Recipient must comply with the following federal non-discrimination requirements:

- (1) Title VI of the Civil Rights Act of 1964, which prohibits discrimination based on race, color, and national origin, including limited English proficiency (LEP).
- (2) Section 504 of the Rehabilitation Act of 1973, which prohibits discrimination against persons with disabilities.
- (3) The Age Discrimination Act of 1975, which prohibits age discrimination.
- (4) Section 13 of the Federal Water Pollution Control Act Amendments of 1972, which prohibits discrimination on the basis of sex.
- (5) 40 CFR Part 7, as it relates to the foregoing.

(C) WRRDA Conditions

- (1) Architectural and engineering contracts. Where the Recipient contracts for program management, construction management, feasibility studies, preliminary engineering, design, engineering, surveying, mapping, or architectural related services, the Recipient shall ensure that any such contract is negotiated in the same manner as a contract for architectural and engineering services is negotiated under chapter 11 of title 40, United States Code, or an equivalent State qualifications-based requirement as determined by the State Water Board.
- (2) Fiscal sustainability. The Recipient certifies that it has developed and is implementing a fiscal sustainability plan for the Project that includes an inventory of critical assets that are a part of the Project, an evaluation of the condition and performance of inventoried assets or asset groupings, a certification that the recipient has evaluated and will be implementing water and energy conservation efforts as part of the plan, and a plan for maintaining, repairing, and, as necessary, replacing the Project and a plan for funding such activities.

(D) Cross-Cutters

- 1) Executive Order No. 11246. The Recipient shall include in its contracts and subcontracts related to the Project the following provisions:

"During the performance of this contract, the contractor agrees as follows: "(a) The contractor will not discriminate against any employee or applicant for employment because of race, creed, color, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, creed, color, or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.

"(b) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, creed, color, or national origin.

EXHIBIT E – PROGRAMMATIC CONDITIONS & CROSS-CUTTERS

"(c) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer, advising the labor union or workers' representative of the contractor's commitments under Section 202 of Executive Order No. 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

"(d) The contractor will comply with all provisions of Executive Order No. 11246 of Sept. 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

"(e) The contractor will furnish all information and reports required by Executive Order No. 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

"(f) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be cancelled, terminated or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order No. 11246 of Sept 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order No. 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

"(g) The contractor will include the provisions of Paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order No. 11246 of Sept. 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the contracting agency may direct as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, That in the event the contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the contracting agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States."

- (2) Disadvantaged Business Enterprises (40 CFR Part 33). The Recipient agrees to comply with the requirements of USEPA's Program for Utilization of Small, Minority and Women's Business Enterprises. The DBE rule can be accessed at www.epa.gov/osbp . The Recipient shall comply with, and agrees to require its prime contractors to comply with 40 CFR Section 33.301, and retain all records documenting compliance with the six good faith efforts. (IUP)
- (3) Procurement Prohibitions under Section 306 of the Clean Air Act and Section 508 of the Clean Water Act, including Executive Order 11738, Administration of the Clean Air Act and the Federal Water Pollution Control Act with Respect to Federal Contracts, Grants, or Loans; 42 USC § 7606; 33 USC § 1368. Except where the purpose of this Agreement is to remedy the cause of the violation, the Recipient may not procure goods, services, or materials from suppliers excluded under the federal System for Award Management: <http://www.sam.gov/> .
- (4) Uniform Relocation and Real Property Acquisition Policies Act, Pub. L. 91-646, as amended; 42 USC §§4601-4655. The Recipient must comply with the Act's implementing regulations at 49 CFR 24.101 through 24.105.

EXHIBIT E – PROGRAMMATIC CONDITIONS & CROSS-CUTTERS

- (5) The Recipient agrees that if its network or information system is connected to USEPA networks to transfer data using systems other than the Environmental Information Exchange Network or USEPA's Central Data Exchange, it will ensure that any connections are secure.

(E) Geospatial Data Standards

All geospatial data created pursuant to this Agreement that is submitted to the State Water Board for use by USEPA or that is submitted directly to USEPA must be consistent with Federal Geographic Data Committee endorsed standards. Information on these standards may be found at www.fgdc.gov.

EXHIBIT F – SCHEDULE OF SYSTEM OBLIGATIONS

Except for the following and the Obligation evidenced by this Agreement, the Recipient certifies that it has no outstanding System Obligations or Other Material Obligations, and that it is in compliance with all applicable additional debt provisions of the following:

The following outstanding debt is senior to the Obligation:

Title
None

The following outstanding debt is on parity with the Obligation:

Title
Amended and Restated Funding Agreement Relating to the South Placer Regional Wastewater Facilities, dated as of October 1, 2012, by and between the City of Roseville and the South Placer Wastewater Authority for the purposes of securing the Recipient's portion of the following debts of the South Placer Wastewater Authority: SWAP – Morgan Stanley, 2011C – BNY, 2013 – US Bank, and 2017 – US Bank.

The following outstanding debt is subordinate to the Obligation:

Title
None

EXHIBIT G – DAVIS-BACON REQUIREMENTS

For purposes of this Exhibit only, “subrecipient” or “sub recipient” means the Recipient as defined in this Agreement.

For purposes of this Exhibit only, “recipient” or “State recipient” means the State Water Board.

I. Requirements Under The Water Resources Reform and Development Act of 2014 (WRRDA)
For Sub recipients That Are Governmental Entities:

If a sub recipient has questions regarding when DB applies, obtaining the correct DB wage determinations, DB provisions, or compliance monitoring, it may contact the State Water Board at DavisBacon@waterboards.ca.gov or phone (916) 327-7323. The recipient or sub recipient may also obtain additional guidance from DOL’s website at <http://www.dol.gov/whd/>.

1. Applicability of the Davis- Bacon (DB) prevailing wage requirements.

Under the Water Resources Reform and Development Act of 2014 (WRRDA), DB prevailing wage requirements apply to the construction, alteration, and repair of treatment works carried out in whole or in part with assistance made available by a State water pollution control revolving fund. If a sub recipient encounters a unique situation at a site that presents uncertainties regarding DB applicability, the sub recipient must discuss the situation with the recipient State before authorizing work on that site.

2. Obtaining Wage Determinations.

(a) Sub recipients shall obtain the wage determination for the locality in which a covered activity subject to DB will take place prior to issuing requests for bids, proposals, quotes or other methods for soliciting contracts (solicitation) for activities subject to DB. These wage determinations shall be incorporated into solicitations and any subsequent contracts. Prime contracts must contain a provision requiring that subcontractors follow the wage determination incorporated into the prime contract.

(i) While the solicitation remains open, the sub recipient shall monitor www.wdol.gov weekly to ensure that the wage determination contained in the solicitation remains current. The sub recipients shall amend the solicitation if DOL issues a modification more than 10 days prior to the closing date (i.e. bid opening) for the solicitation. If DOL modifies or supersedes the applicable wage determination less than 10 days prior to the closing date, the sub recipients may request a finding from the State recipient that there is not a reasonable time to notify interested contractors of the modification of the wage determination. The State recipient will provide a report of its findings to the sub recipient.

(ii) If the sub recipient does not award the contract within 90 days of the closure of the solicitation, any modifications or supersedes DOL makes to the wage determination contained in the solicitation shall be effective unless the State recipient, at the request of the sub recipient, obtains an extension of the 90 day period from DOL pursuant to 29 CFR 1.6(c)(3)(iv). The sub recipient shall monitor www.wdol.gov on a weekly basis if it does not award the contract within 90 days of closure of the solicitation to ensure that wage determinations contained in the solicitation remain current.

(b) If the sub recipient carries out activity subject to DB by issuing a task order, work assignment or similar instrument to an existing contractor (ordering instrument) rather than by publishing a solicitation, the sub recipient shall insert the appropriate DOL wage determination from www.wdol.gov into the ordering instrument.

(c) Sub recipients shall review all subcontracts subject to DB entered into by prime contractors to verify that the prime contractor has required its subcontractors to include the applicable wage determinations.

(d) As provided in 29 CFR 1.6(f), DOL may issue a revised wage determination applicable to a sub recipient’s contract after the award of a contract or the issuance of an ordering instrument if DOL determines that the sub recipient has failed to incorporate a wage determination or has used a wage determination that clearly does not apply to the contract or

EXHIBIT G – DAVIS-BACON REQUIREMENTS

ordering instrument. If this occurs, the sub recipient shall either terminate the contract or ordering instrument and issue a revised solicitation or ordering instrument or incorporate DOL's wage determination retroactive to the beginning of the contract or ordering instrument by change order. The sub recipient's contractor must be compensated for any increases in wages resulting from the use of DOL's revised wage determination.

3. Contract and Subcontract provisions.

- (a) The Recipient shall insure that the sub recipient(s) shall insert in full in any contract in excess of \$2,000 which is entered into for the actual construction, alteration and/or repair, including painting and decorating, of a treatment work under the CWSRF - financed in whole or in part from Federal funds or in accordance with guarantees of a Federal agency or financed from funds obtained by pledge of any contract of a Federal agency to make a loan, grant or annual contribution (except where a different meaning is expressly indicated), and which is subject to the labor standards provisions of any of the acts listed in § 5.1 or FY 2014 Water Resource Reform and Development Act, the following clauses:

(1) Minimum wages.

- (i) All laborers and mechanics employed or working upon the site of the work will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (a)(1)(iv) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in § 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided that the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph (a)(1)(ii) of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

Sub recipients may obtain wage determinations from the U.S. Department of Labor's web site, www.dol.gov.

- (ii) (A) The sub recipient(s), on behalf of EPA, shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The State award official shall approve a request for an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

EXHIBIT G – DAVIS-BACON REQUIREMENTS

- 1 The work to be performed by the classification requested is not performed by a classification in the wage determination; and
 - 2 The classification is utilized in the area by the construction industry; and
 - 3 The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.
- (B) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the sub recipient(s) agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), documentation of the action taken and the request, including the local wage determination shall be sent by the sub recipient (s) to the State award official. The State award official will transmit the request, to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210 and to the EPA DB Regional Coordinator concurrently. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification request within 30 days of receipt and so advise the State award official or will notify the State award official within the 30-day period that additional time is necessary.
- (C) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the sub recipient(s) do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the award official shall refer the request and the local wage determination, including the views of all interested parties and the recommendation of the State award official, to the Administrator for determination. The request shall be sent to the EPA DB Regional Coordinator concurrently. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt of the request and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.
- (D) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs (a)(1)(ii)(B) or (C) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.
- (iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.
 - (iv) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.
- (2) Withholding. The sub recipient(s), shall upon written request of the EPA Award Official or an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and

EXHIBIT G – DAVIS-BACON REQUIREMENTS

mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the (Agency) may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

(3) Payrolls and basic records.

(i) Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

(ii) (A) The contractor shall submit weekly, for each week in which any contract work is performed, a copy of all payrolls to the sub recipient, that is, the entity that receives the sub-grant or loan from the State capitalization grant recipient. Such documentation shall be available on request of the State recipient or EPA. As to each payroll copy received, the sub recipient shall provide written confirmation in a form satisfactory to the State indicating whether or not the project is in compliance with the requirements of 29 CFR 5.5(a)(1) based on the most recent payroll copies for the specified week. The payrolls shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on the weekly payrolls. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <https://www.dol.gov/whd/forms/index.htm> or its successor site.

The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the sub recipient(s) for transmission to the State or EPA if requested by EPA, the State, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security

EXHIBIT G – DAVIS-BACON REQUIREMENTS

numbers to the prime contractor for its own records, without weekly submission to the sub recipient(s).

(B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

- 1 That the payroll for the payroll period contains the information required to be provided under § 5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under § 5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;
- 2 That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;
- 3 That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph (a)(3)(ii)(B) of this section.

(D) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

- (iii) The contractor or subcontractor shall make the records required under paragraph (a)(3)(i) of this section available for inspection, copying, or transcription by authorized representatives of the State, EPA or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the Federal agency or State may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

(4) Apprentices and trainees

- (i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage

EXHIBIT G – DAVIS-BACON REQUIREMENTS

rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or sub contractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

- (ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

- (iii) Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment

EXHIBIT G – DAVIS-BACON REQUIREMENTS

opportunity requirements of Executive Order 11246, as amended and 29 CFR part 30.

- (5) Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.
 - (6) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses contained in 29 CFR 5.5(a)(1) through (10) and such other clauses as the EPA determines may be appropriate, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.
 - (7) Contract termination; debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.
 - (8) Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.
 - (9) Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and sub recipient(s), State, EPA, the U.S. Department of Labor, or the employees or their representatives.
 - (10) Certification of eligibility.
 - (i) By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
 - (ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
 - (iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.
4. Contract Provision for Contracts in Excess of \$100,000.
- (a) Contract Work Hours and Safety Standards Act. The sub recipient shall insert the following clauses set forth in paragraphs (a)(1), (2), (3), and (4) of this section in full in any contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by Item 3, above or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.
 - (1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
 - (2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (a)(1) of this section the contractor and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with

EXHIBIT G – DAVIS-BACON REQUIREMENTS

- respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (a)(1) of this section, in the sum of \$25 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (a)(1) of this section.
- (3) Withholding for unpaid wages and liquidated damages. The sub recipient, upon written request of the EPA Award Official or an authorized representative of the Department of Labor, shall withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.
 - (4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (a)(1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (a)(1) through (4) of this section.
 - (b) In addition to the clauses contained in Item 3, above, in any contract subject only to the Contract Work Hours and Safety Standards Act and not to any of the other statutes cited in 29 CFR 5.1, the Sub recipient shall insert a clause requiring that the contractor or subcontractor shall maintain payrolls and basic payroll records during the course of the work and shall preserve them for a period of three years from the completion of the contract for all laborers and mechanics, including guards and watchmen, working on the contract. Such records shall contain the name and address of each such employee, social security number, correct classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid. Further, the Sub recipient shall insert in any such contract a clause providing that the records to be maintained under this paragraph shall be made available by the contractor or subcontractor for inspection, copying, or transcription by authorized representatives of the (write the name of agency) and the Department of Labor, and the contractor or subcontractor will permit such representatives to interview employees during working hours on the job.
5. Compliance Verification
- (a) The sub recipient shall periodically interview a sufficient number of employees entitled to DB prevailing wages (covered employees) to verify that contractors or subcontractors are paying the appropriate wage rates. As provided in 29 CFR 5.6(a)(3), all interviews must be conducted in confidence. The sub recipient must use Standard Form 1445 (SF 1445) or equivalent documentation to memorialize the interviews. Copies of the SF 1445 are available from EPA on request.
 - (b) The sub recipient shall establish and follow an interview schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. Sub recipients must conduct more frequent interviews if the initial interviews or other information indicated that there is a risk that the contractor or subcontractor is not complying with DB. Sub recipients shall immediately conduct interviews in response to an alleged violation of the prevailing wage requirements. All interviews shall be conducted in confidence.
 - (c) The sub recipient shall periodically conduct spot checks of a representative sample of weekly payroll data to verify that contractors or subcontractors are paying the appropriate wage rates. The sub recipient shall establish and follow a spot check schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. At a minimum, if practicable, the sub recipient should spot check payroll data within two weeks of each contractor or subcontractor's

EXHIBIT G – DAVIS-BACON REQUIREMENTS

- submission of its initial payroll data and two weeks prior to the completion date the contract or subcontract. Sub recipients must conduct more frequent spot checks if the initial spot check or other information indicates that there is a risk that the contractor or subcontractor is not complying with DB. In addition, during the examinations the sub recipient shall verify evidence of fringe benefit plans and payments there under by contractors and subcontractors who claim credit for fringe benefit contributions.
- (d) The sub recipient shall periodically review contractors and subcontractor's use of apprentices and trainees to verify registration and certification with respect to apprenticeship and training programs approved by either the U.S Department of Labor or a state, as appropriate, and that contractors and subcontractors are not using disproportionate numbers of, laborers, trainees and apprentices. These reviews shall be conducted in accordance with the schedules for spot checks and interviews described in Item 5(b) and (c) above.
 - (e) Sub recipients must immediately report potential violations of the DB prevailing wage requirements to the EPA DB contact listed above and to the appropriate DOL Wage and Hour District Office listed at <https://www.dol.gov/whd/local/>.

EXHIBIT H – COMPLIANCE WITH CROSS-CUTTING STATE AUTHORITIES

1. CALIFORNIA DEBT INVESTMENT ADVISORY COMMISSION (CDIAC)

Where Recipient is a public entity, Recipient acknowledges its responsibility to file debt obligations with the CDIAC. Recipient understands that CDIAC has waived filing fees for State Water Board SRF debt.

2. COMPLIANCE WITH STATE REQUIREMENTS

Recipient represents that it complies with the following conditions precedent and shall continue to maintain compliance:

(1) Water Conservation

The Recipient certifies that it complies with and shall continue to comply with any applicable water conservation requirements, including regulations in Division 3 of Title 23 of the California Code of Regulations.

(2) Monthly Water Diversion Reporting

If Recipient is a water diverter, Recipient must maintain compliance with Water Code section 5103, subdivision (e)(2)(A) by submitting monthly diversion reports to the Division of Water Rights of the State Water Resources Control Board.

(3) Public Works Contractor Registration with Department Of Industrial Relations

To bid for public works contracts, Recipient and Recipient's subcontractors must register with the Department of Industrial Relations as required by Labor Code sections 1725.5 and 1771.1.

(4) Volumetric Pricing & Water Meters

If Recipient is an "urban water supplier" as defined by Water Code section 10617, Recipient must charge each customer for actual water volume measured by water meter according to the requirements of Water Code sections 526 and 527. Section 527 further requires that such suppliers not subject to section 526 install water meters on all municipal and industrial service connections within their service area by 2025.

(5) Urban Water Management Plan

If Recipient is an "urban water supplier" as defined by Water Code section 10617, the Recipient certifies that this Project complies with the Urban Water Management Planning Act (Water Code, § 10610 et seq.). This shall constitute a condition precedent to this Agreement.

(6) Urban Water Demand Management

If Recipient is an "urban water supplier" as defined by Water Code section 10617, Recipient must comply with water conservation measures established by SBx7-7. (Water Code, Sec. 10608.56.)

(7) Delta Plan Consistency Findings

If Recipient is a state or local public agency and the proposed action is covered by the Delta Plan, Recipient must submit certification of project consistency with the Delta Plan to the Delta Stewardship Council according to the requirements of Water Code section 85225 and California Code of Regulations, title 23, section 5002.

EXHIBIT H – COMPLIANCE WITH CROSS-CUTTING STATE AUTHORITIES

(8) Agricultural Water Management Plan Consistency

If Recipient is an agricultural water supplier as defined by Water Code section 10608.12, Recipient must comply with Agricultural Water Management Planning requirements as mandated by Water Code section 10852.

(9) Charter City Project Labor Requirements

If Recipient is a charter city as defined in Labor Code section 1782, subdivision (d)(2), Recipient will comply with the requirements of Labor Code section 1782 and Public Contract Code section 2503 as discussed in the following subparts (1) and (2).

(a) Prevailing Wage

Recipient certifies that it is eligible for state funding assistance notwithstanding Labor Code section 1782.

Specifically Recipient certifies that no charter provision nor ordinance authorizes a construction project contractor not to comply with Labor Code's prevailing wage rate requirements, nor, within the prior two years (starting from January 1, 2015 or after) has the city awarded a public works contract without requiring the contractor to comply with such wage rate requirements according to Labor Code section 1782.

(b) Labor Agreements

Recipient certifies that no charter provision, initiative, or ordinance limits or constrains the city's authority or discretion to adopt, require, or utilize project labor agreements that include all the taxpayer protection antidiscrimination provisions of Public Contract Code section 2500 in construction projects, and that Recipient is accordingly eligible for state funding or financial assistance pursuant to Public Contract Code section 2503.

RESOLUTION NO. 20-111

APPROVING AN INSTALLATION SALE AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND CALIFORNIA STATE WATER RESOURCES CONTROL BOARD, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, an Installment Sale Agreement for the Pleasant Grove Wastewater Treatment Plant Energy Recovery project, by and between the City of Roseville and California State Water Resources Control Board, has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said Agreement is hereby approved and the City Manager is authorized to execute it on behalf of the City of Roseville.

BE IT FURTHER RESOLVED, that the City Manager is hereby authorized to sign non-substantive amendments to the Agreement, following approval of the City Attorney.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 2020, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



GAVIN NEWSOM
GOVERNOR



JARED BLUMENFELD
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board

March 30, 2020

City of Roseville
Attn: Dominick Casey, City Manager
311 Vernon Street
Roseville, CA 95678

Agreement Number: D19-01012
Project Number: C-06-8215-210

Enclosed is your Agreement for your approval and signature. This Agreement cannot be considered binding by either party until executed by the State Water Resources Control Board (State Water Board).

If you are in agreement with all terms and conditions of the Agreement, please sign and date **two (2) signature** pages; return only the two (2 signature pages – it is not necessary to send the entire Agreement - **no later than thirty (30) calendar days from the date of this letter to:**

Overnight Mail

Koreenia Lazo
State Water Resources Control Board
Division of Financial Assistance
1001 I Street, 16th Floor
Sacramento, CA 95814

US Mail

Koreenia Lazo
State Water Resources Control Board
Division of Financial Assistance
P. O. Box 944212
Sacramento, CA 94244-2120

In order for the Funding Agreement to be executed by the State Water Board, the following items **must** also be returned with the signed signature pages:

1. Opinion of General Counsel.
2. Bond Counsel Letter.
3. Closing Resolution

Be aware that all projects receiving funding must comply with all applicable implementing guidelines and regulations adopted by California Department of Industrial Relations (DIR), regarding state prevailing wage requirements. You must contact DIR for guidance on how to comply. Information can be found at: <http://www.dir.ca.gov/lcp.asp>.

Davis Bacon Compliance:

https://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/davisbacon.shtml

Disadvantaged Business Enterprise (DBE)

https://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/docs/policy0513/dbe_compliance_guidelines_instructions.pdf

Ms. Lazo may be contacted at (916) 319-0807 or Koreenia.Lazo@waterboards.ca.gov

Once the Agreement is signed by both parties, we will forward an executed copy to you for your records.

FELICIA MARCUS, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR



CITY OF ROSEVILLE

AND

CALIFORNIA STATE WATER RESOURCES CONTROL BOARD



INSTALLMENT SALE AGREEMENT

PLEASANT GROVE WASTEWATER TREATMENT EXPANSION AND ENERGY RECOVERY PROJECT

PROJECT NO. C-06-8215-210

AGREEMENT NO. SWRCB0000000000D1901012

AMOUNT: \$32,748,824

ELIGIBLE START DATE: MAY 3, 2019
COMPLETION OF CONSTRUCTION DATE: FEBRUARY 10, 2022
FINAL DISBURSEMENT REQUEST DATE: AUGUST 10, 2022
FINAL REPAYMENT DATE: FEBRUARY 10, 2052
RECORDS RETENTION END DATE: FEBRUARY 10, 2058

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WHEREAS,

1. The State Water Board is authorized to provide financial assistance under this Agreement pursuant to the following:
 - Chapter 6.5 of Division 7 of the California Water Code (State Act)
 - Title VI of the federal Water Pollution Control Act (Federal Act)
2. The State Water Board determines eligibility for financial assistance, determines a reasonable schedule for providing financial assistance, establishes compliance with the Federal Act and State Act, and establishes the terms and conditions of a financial assistance agreement.
3. The Recipient has applied to the State Water Board for financial assistance for the Project described in Exhibit A of this Agreement and the State Water Board has selected the application for financial assistance.
4. The State Water Board proposes to assist in providing financial assistance for eligible costs of the Project, and the Recipient desires to participate as a recipient of financial assistance from the State Water Board and evidence its obligation to pay Installment Payments, which obligation will be secured by Net Revenues as defined herein, upon the terms and conditions set forth in this Agreement, all pursuant to the Federal Act and the State Act.

NOW, THEREFORE, in consideration of the mutual representations, covenants and agreements herein set forth, the State Water Board and the Recipient, each binding itself, its successors and assigns, do mutually promise, covenant, and agree as follows:

Subject to the satisfaction of any conditions precedent to this Agreement, this Agreement shall become effective upon the signature of both the Recipient and the State Water Board.

Upon execution, the term of the Agreement shall begin on the Eligible Start Date and extend through the Final Repayment Date.

ARTICLE I DEFINITIONS

1.1 Definitions.

Unless otherwise specified, each capitalized term used in this Agreement has the following meaning:

"Additional Payments" means the Additional Payments described in Section 3.2(c) of this Agreement.

"Agreement" means this Installment Sale Agreement, including all exhibits and attachments.

"Allowance" means an amount based on a percentage of the accepted bid for an eligible project to help defray the planning, design, and construction engineering and administration costs of the Project.

"Authorized Representative" means the duly appointed representative of the Recipient as set forth in the certified original of the Recipient's authorizing resolution that designates the authorized representative by title.

"Bank" means the California Infrastructure and Economic Development Bank.

"Bond Funded Portion of the Project Funds" means any portion of the Project Funds which was or will be funded with Bond Proceeds.

"Bond Proceeds" means original proceeds, investment proceeds, and replacement proceeds of Bonds.

"Bonds" means any series of bonds issued by the Bank, the interest on which is excluded from gross income for federal tax purposes, all or a portion of the proceeds of which have been, are, or will be applied by the State Water Board to fund all or any portion of the Project Costs or that are secured in whole or in part by Installment Payments paid hereunder.

"Charge In Lieu of Interest" means any fee or charge in lieu of some or all of, but not to exceed, the interest that would otherwise be owed under this Agreement, as set forth in Exhibit C.

"Code" as used in Article V of this Agreement means the Internal Revenue Code of 1986, as amended, and any successor provisions and the regulations of the U.S. Department of the Treasury promulgated thereunder.

"Completion of Construction" means the date, as determined by the Division after consultation with the Recipient, that the work of building and erection of the Project is substantially complete, and is identified in Exhibit A of this Agreement.

"CWSRF" means the Clean Water State Revolving Fund.

"Days" means calendar days unless otherwise expressly indicated.

"Debt Service" means, as of any date, with respect to outstanding System Obligations and, in the case of the additional debt tests in Section 3.7 of this Agreement, any System Obligations that are proposed to be outstanding, the aggregate amount of principal and interest scheduled to become due (either at maturity or by mandatory redemption), together with any Charge In Lieu of Interest on this Obligation or other System Obligations to the State Water Board, calculated with the following assumptions:

- a. Principal payments (unless a different subdivision of this definition applies for purposes of determining principal maturities or amortization) are made in accordance with any amortization schedule published for such principal, including any minimum sinking fund payments;
- b. Interest on a variable rate System Obligation that is not subject to a swap agreement and that is issued or will be issued as a tax-exempt obligation under federal law, is the average of the SIFMA Municipal Swap Index, or its successor index, during the 24 months preceding the date of such calculation;
- c. Interest on a variable rate System Obligation that is not subject to a swap agreement and that is issued or will be issued as a taxable obligation under federal law, is the average of LIBOR, or its successor index, during the 24 months preceding the date of such calculation;
- d. Interest on a variable rate System Obligation that is subject to a swap agreement is the fixed swap rate or cap strike rate, as appropriate, if the variable rate has been swapped to a fixed rate or capped pursuant to an interest rate cap agreement or similar agreement;
- e. Interest on a fixed rate System Obligation that is subject to a swap agreement such that all or a portion of the interest has been swapped to a variable rate shall be treated as variable rate debt under subdivisions (b) or (c) of this definition of Debt Service;

- f. Payments of principal and interest on a System Obligation are excluded from the calculation of Debt Service to the extent such payments are to be paid from amounts then currently on deposit with a trustee or other fiduciary and restricted for the defeasance of such System Obligations;
- g. If 25% or more of the principal of a System Obligation is not due until its final stated maturity, then principal and interest on that System Obligation may be projected to amortize over the lesser of 30 years or the useful life of the financed asset, and interest may be calculated according to subdivisions (b)-(e) of this definition of Debt Service, as appropriate.

"Deputy Director" means the Deputy Director of the Division.

"Division" means the Division of Financial Assistance of the State Water Board or any other segment of the State Water Board authorized to administer this Agreement.

"Eligible Start Date" means the date set forth in Exhibit B, establishing the date on or after which construction costs may be incurred and eligible for reimbursement hereunder.

"Enterprise Fund" means the enterprise fund of the Recipient in which Revenues are deposited.

"Event of Default" means the occurrence of any of the following events:

- a) Failure by the Recipient to pay Installment Payments when due, or failure to make any other payment required to be paid pursuant to this Agreement;
- b) A representation or warranty made by or on behalf of the Recipient in this Agreement or in any document furnished by or on behalf of the Recipient to the State Water Board pursuant to this Agreement shall prove to have been inaccurate, misleading or incomplete in any material respect;
- c) A material adverse change in the condition of the Recipient, the Revenues, or the System, which the Division reasonably determines would materially impair the Recipient's ability to satisfy its obligations under this Agreement.
- d) Failure by the Recipient to comply with the additional debt test or reserve fund requirement, if any, in Section 3.7 or Exhibit D of this Agreement;
- e) Failure to operate the System or the Project without the Division's approval;
- f) Failure by the Recipient to observe and perform any covenant, condition, or provision in this Agreement, which failure shall continue for a period of time, to be determined by the Division;
- g) The occurrence of a material breach or event of default under any System Obligation that results in the acceleration of principal or interest or otherwise requires immediate prepayment, repurchase or redemption;
- h) Initiation of proceedings seeking arrangement, reorganization, or any other relief under any applicable bankruptcy, insolvency, or other similar law; the appointment of or taking possession of the Recipient's property by a receiver, liquidator, assignee, trustee, custodian, conservator, or similar official; the Recipient's entering into a general assignment for the benefit of creditors; the initiation of resolutions or proceedings to terminate the Recipient's existence, or any action in furtherance of any of the foregoing;
- i) A determination pursuant to Gov. Code section 11137 that the Recipient has violated any provision in Article 9.5 of Chapter 1 of Part 1 of Division 3 of Title 2 of the Government Code;

"Final Disbursement Request Date" means the date established in Exhibit A, after which date, no further Project Funds disbursements may be requested.

"Final Repayment Date" is the date by which all principal and accrued interest due under this Agreement is to be paid in full to the State Water Board and is specified in Exhibit B and Exhibit C.

"Fiscal Year" means the period of twelve (12) months terminating on June 30 of any year, or any other annual period selected and designated by the Recipient as its Fiscal Year in accordance with applicable law.

"Force Account" means the use of the Recipient's own employees or equipment.

"GAAP" means generally accepted accounting principles, the uniform accounting and reporting procedures set forth in publications of the American Institute of Certified Public Accountants or its successor, or by any other generally accepted authority on such procedures, and includes, as applicable, the standards set forth by the Governmental Accounting Standards Board or its successor.

"Initiation of Construction" means the date that notice to proceed with work is issued for the Project, or, if notice to proceed is not required, the date of commencement of building and erection of the Project.

"Installment Payment" means any payment due to the State Water Board from the Recipient pursuant to Section 3.2 of this Agreement, as set forth in Exhibit C.

"Listed Event" means, so long as the Recipient has outstanding any System Obligation subject to Rule 15c2-12, any of the events required to be reported pursuant to Rule 15c2-12(b)(5).

"Maximum Annual Debt Service" means the maximum amount of Debt Service due on System Obligations in any Fiscal Year during the period commencing with the Fiscal Year for which such calculation is made and terminating with the last Fiscal Year in which Debt Service for any System Obligations will become due.

"Net Revenues" means, for any Fiscal Year, all Revenues received by the Recipient less the Operations and Maintenance Costs for such Fiscal Year.

"Obligation" means the obligation of the Recipient to make Installment Payments and Additional Payments as provided herein, as evidenced by the execution of this Agreement, proceeds of such obligations being used to fund the Project as specified in the Project Description in Exhibit A and Exhibit A-FBA and in the documents thereby incorporated by reference.

"Operations and Maintenance Costs" means the reasonable and necessary costs paid or incurred by the Recipient for maintaining and operating the System, determined in accordance with GAAP, including all reasonable expenses of management and repair and all other expenses necessary to maintain and preserve the System in good repair and working order, and including all reasonable and necessary administrative costs of the Recipient that are charged directly or apportioned to the operation of the System, such as salaries and wages of employees, overhead, taxes (if any), the cost of permits, licenses, and charges to operate the System and insurance premiums; but excluding, in all cases depreciation, replacement, and obsolescence charges or reserves therefor and amortization of intangibles.

"Other Material Obligation" means an obligation of the Recipient set forth in Exhibit F that is not payable from Net Revenues, but is otherwise material to this transaction.

"Policy" means the State Water Board's "Policy for Implementing the Clean Water State Revolving Fund," as amended from time to time, and including the Intended Use Plan in effect as of the Eligible Start Date.

"Project" means the Project financed by this Agreement as described in Exhibit A, Exhibit A-FBA, and in the documents incorporated by reference herein.

"Project Completion" means the date, as determined by the Division after consultation with the Recipient, that operation of the Project is initiated or is capable of being initiated, whichever comes first.

"Project Costs" means the incurred costs of the Recipient which are eligible for financial assistance under this Agreement, which are allowable costs as defined under the Policy, and which are reasonable, necessary and allocable by the Recipient to the Project under GAAP, plus capitalized interest.

"Project Funds" means all moneys disbursed to the Recipient by the State Water Board pursuant to this Agreement.

"Recipient" means the City of Roseville.

"Records Retention End Date" means the last date that the Recipient is obligated to maintain records pursuant to Section 2.17 of this Agreement.

"Regional Water Quality Control Board" or "Regional Water Board" means the appropriate Regional Water Quality Control Board.

"Reimbursement Resolution" means the Recipient's reimbursement resolution identified in Exhibit A of this Agreement.

"Reserve Fund" means the reserve fund required pursuant to Section 3.7 of this Agreement.

"Revenues" means, for each Fiscal Year, all gross income and revenue received or receivable by the Recipient from the ownership or operation of the System, determined in accordance with GAAP, including all rates, fees, and charges (including connection fees and charges) as received by the Recipient for the services of the System, and all other income and revenue howsoever derived by the Recipient from the ownership or operation of the System or arising from the System, including all income from the deposit or investment of any money in the Enterprise Fund or any rate stabilization fund of the Recipient or held on the Recipient's behalf, and any refundable deposits made to establish credit, and advances or contributions in aid of construction.

"Rule 15c2-12(b)(5)" means Rule 15c2-12(b)(5) promulgated by the Securities and Exchange Commission pursuant to the Securities Exchange Act of 1934, as amended.

"SRF" means the Clean Water State Revolving Fund.

"State" means State of California.

"State Water Board" means the State Water Resources Control Board.

"System" means all wastewater collection, pumping, transport, treatment, storage, and disposal facilities, including land and easements thereof, owned by the Recipient, including the Project, and all other properties, structures, or works hereafter acquired and constructed by the Recipient and determined to be a part of the System, together with all additions, betterments, extensions, or improvements to such facilities, properties, structures, or works, or any part thereof hereafter acquired and constructed.

"System Obligation" means any obligation of the Recipient payable from the Revenues, including but not limited to this Obligation and obligations reflected in Exhibit F and such additional obligations as may hereafter be issued in accordance with the provisions of such obligations and this Agreement.

"Year" means calendar year unless otherwise expressly indicated.

1.2 Exhibits Incorporated.

All exhibits to this Agreement, including any amendments and supplements hereto, are hereby incorporated herein and made a part of this Agreement.

ARTICLE II REPRESENTATIONS, WARRANTIES, AND COMMITMENTS

The Recipient represents, warrants, and commits to the following as of the Eligible Start Date set forth on the first page hereof and continuing thereafter for the term of this Agreement.

2.1 Application and General Recipient Commitments.

The Recipient has not made any untrue statement of a material fact in its application for this financial assistance, or omitted to state in its application a material fact that makes the statements in its application not misleading.

The Recipient shall comply with all terms, provisions, conditions, and commitments of this Agreement, including all incorporated documents, and shall fulfill all assurances, declarations, representations, and commitments in its application, accompanying documents, and communications filed in support of its request for financial assistance.

2.2 Authorization and Validity.

The execution and delivery of this Agreement, including all incorporated documents, has been duly authorized by the Recipient. Upon execution by both parties, this Agreement constitutes a valid and binding obligation of the Recipient, enforceable in accordance with its terms, except as such enforcement may be limited by law.

2.3 No Violations.

The execution, delivery, and performance by Recipient of this Agreement, including all incorporated documents, do not violate any provision of any law or regulation in effect as of the date set forth on the first page hereof, or result in any breach or default under any contract, obligation, indenture, or other instrument to which Recipient is a party or by which Recipient is bound as of the date set forth on the first page hereof.

2.4 No Litigation.

There are no pending or, to Recipient's knowledge, threatened actions, claims, investigations, suits, or proceedings before any governmental authority, court, or administrative agency which materially affect the financial condition or operations of the Recipient, the System, the Revenues, and/or the Project.

2.5 Solvency and Insurance.

None of the transactions contemplated by this Agreement will be or have been made with an actual intent to hinder, delay, or defraud any present or future creditors of Recipient. As of the date set forth on the first page hereof, Recipient is solvent and will not be rendered insolvent by the transactions contemplated by this Agreement. Recipient is able to pay its debts as they become due. Recipient maintains sufficient insurance coverage considering the scope of this Agreement, including, for example but not necessarily limited to, general liability, automobile liability, workers compensation and employers liability, professional liability.

2.6 Legal Status and Eligibility.

Recipient is duly organized and existing and in good standing under the laws of the State of California. Recipient shall at all times maintain its current legal existence and preserve and keep in full force and effect its legal rights and authority. Recipient shall maintain its eligibility for funding under this Agreement.

2.7 Financial Statements and Continuing Disclosure.

The financial statements of Recipient previously delivered to the State Water Board as of the date(s) set forth in such financial statements: (a) are materially complete and correct; (b) present fairly the financial condition of the Recipient; and (c) have been prepared in accordance with GAAP. Since the date(s) of such financial statements, there has been no material adverse change in the financial condition of the Recipient, nor have any assets or properties reflected on such financial statements been sold, transferred, assigned, mortgaged, pledged or encumbered, except as previously disclosed in writing by Recipient and approved in writing by the State Water Board.

The Recipient is current in its continuing disclosure obligations associated with its material debt.

2.8 Completion of Project.

The Recipient shall expeditiously proceed with and complete construction of the Project in substantial accordance with Exhibit A and Exhibit A-FBA.

2.9 Award of Construction Contracts.

- (a) The Recipient shall award the prime construction contract timely in order to meet the start of construction date specified in Exhibit A.
- (b) The Recipient shall promptly notify the Division in writing both of the award of the prime construction contract for the Project and of Initiation of Construction of the Project. The Recipient shall make all reasonable efforts to complete construction in substantial conformance with the terms of the contract by the Completion of Construction date established in Exhibit A.

2.10 Notice.

Upon the occurrence of any of the following events, the Recipient shall notify the Deputy Director and the Division's project manager within the time specified below.

- (1) The Recipient shall notify the Division within 24 hours of any discovery of any potential tribal cultural resource and/or archaeological or historical resource. In addition to notifying the Deputy Director and the Division's project manager, notice shall be delivered by phone to (916) 327-9978 and by email to CleanWaterSRF@waterboards.ca.gov. Should a potential tribal cultural resource and/or archaeological or historical resource be discovered during construction, the Recipient shall ensure that all work in the area of the find will cease until a qualified archaeologist has evaluated the situation and made recommendations regarding preservation of the resource, and the Division has determined what actions should be taken to protect and preserve the resource. The Recipient shall implement appropriate actions as directed by the Division.
- (2) The Recipient shall notify the Division within five (5) business days of the occurrence of any of the following events:
 - (a) Bankruptcy, insolvency, receivership or similar event of the Recipient, or actions taken in anticipation of any of the foregoing;
 - (b) Change of ownership of the System or change of management or service contracts, if any, for operation of the System;
 - (c) Loss, theft, damage, or impairment to the Revenues or the System;
 - (d) Failure to meet any debt service coverage test in section 3.7 of this agreement;
 - (e) Draws on the Reserve Fund;
 - (f) Listed Events or Events of Default, except as set forth in subdivisions (b) or (c) of this section;
 - (g) Failure to observe or perform any covenant in this Agreement.

- (3) The Recipient shall notify the Division in writing within ten (10) business days of the following events:
- (a) Material defaults on System Obligations, other than this Obligation;
 - (b) Unscheduled draws on debt service reserves held for System Obligations, other than this Obligation, if any, reflecting financial difficulties;
 - (c) Unscheduled draws on credit enhancements on System Obligations, if any, reflecting financial difficulties;
 - (d) Substitution of credit or liquidity providers, if any or their failure to perform;
 - (e) Any litigation pending or threatened with respect to the Project or the Recipient's technical, managerial or financial capacity to operate the System or the Recipient's continued existence, circulation of a petition to repeal, reduce, or otherwise challenge the Recipient's rates for services of the System, consideration of dissolution, or disincorporation, or any other event that could materially impair the Revenues;
 - (f) Adverse tax opinions, the issuance by the Internal Revenue Service or proposed or final determinations of taxability, Notices of Proposed Issue (IRS Form 5701-TEB) or other material notices of determinations with respect to the tax status of any tax-exempt bonds;
 - (g) Rating changes on outstanding System Obligations, if any;
 - (h) Issuance of additional parity obligations; or
 - (i) Enforcement actions by the Regional Water Board;
- (4) The Recipient shall notify the Division promptly of the following:
- (a) The discovery of a false statement of fact or representation made in this Agreement or in the application to the Division for this financial assistance, or in any certification, report, or request for disbursement made pursuant to this Agreement, by the Recipient, its employees, agents, or contractors;
 - (b) Any substantial change in scope of the Project. The Recipient shall undertake no substantial change in the scope of the Project until prompt written notice of the proposed change has been provided to the Division and the Division has given written approval for the change;
 - (c) Cessation of all major construction work on the Project where such cessation of work is expected to or does extend for a period of thirty (30) days or more;
 - (d) Any circumstance, combination of circumstances, or condition, which is expected to or does delay Completion of Construction for a period of ninety (90) days or more beyond the estimated date of Completion of Construction as specified in Exhibit A;
 - (e) Discovery of any unexpected endangered or threatened species, as defined in the federal Endangered Species Act. Should a federally protected species be unexpectedly encountered during construction of the Project, the Recipient agrees to promptly notify the Division. This notification is in addition to the Recipient's obligations under the federal Endangered Species Act;
 - (f) Any Project monitoring, demonstration, or other implementation activities required in Exhibit A or Exhibit D of this Agreement, if any;
 - (g) Any public or media event publicizing the accomplishments and/or results of this Agreement and provide the opportunity for attendance and participation by state representatives with at least ten (10) working days' notice to the Division;
 - (h) Any events requiring notice to the Division pursuant to the provisions of Exhibit E to this Agreement; or
 - (i) Completion of Construction of the Project, and actual Project Completion.

2.11 Findings and Challenge

Upon consideration of a voter initiative to reduce Revenues, the Recipient shall make a finding regarding the effect of such a reduction on the Recipient's ability to satisfy the rate covenant set forth in Section 3.7

of this Agreement. The Recipient shall make its findings available to the public and shall request, if necessary, the authorization of the Recipient's decision-maker or decision-making body to file litigation to challenge any such initiative that it finds will render it unable to satisfy the rate covenant set forth in Section 3.7 and its obligation to operate and maintain the Project for its useful life. The Recipient shall diligently pursue and bear any and all costs related to such challenge. The Recipient shall notify and regularly update the State Water Board regarding the status of any such challenge.

2.12 Project Access.

The Recipient shall ensure that the State Water Board, the Governor of the State, the United States Environmental Protection Agency, the Office of Inspector General, any member of Congress, or any authorized representative of the foregoing, will have safe and suitable access to the Project site at all reasonable times during Project construction and thereafter for the term of the Obligation. The Recipient acknowledges that, except for a subset of information regarding archaeological records, the Project records and locations are public records, including but not limited to all of the submissions accompanying the application, all of the documents incorporated by Exhibit A and Exhibit A-FBA, and all reports, disbursement requests, and supporting documentation submitted hereunder.

2.13 Project Completion; Initiation of Operations.

Upon Completion of Construction of the Project, the Recipient shall expeditiously initiate Project operations.

2.14 Continuous Use of Project; Lease, Sale, Transfer of Ownership, or Disposal of Project.

The Recipient agrees that, except as provided in this Agreement, it will not abandon, substantially discontinue use of, lease, sell, transfer ownership of, or dispose of all or a significant part or portion of the Project during the useful life of the Project without prior written approval of the Division. Such approval may be conditioned as determined to be appropriate by the Division, including a condition requiring repayment of all disbursed Project Funds or all or any portion of all remaining funds covered by this Agreement together with accrued interest and any penalty assessments that may be due.

2.15 Project Reports.

- (a) Status Reports. The Recipient shall provide expeditiously status reports no less frequently than quarterly, starting with the execution of this Agreement. A status report must accompany any disbursement request and is a condition precedent to any disbursement. At a minimum the reports will contain the following information:
- (1) A summary of progress to date including a description of progress since the last report, percent construction complete, percent contractor invoiced, and percent schedule elapsed;
 - (2) A description of compliance with environmental requirements;
 - (3) A listing of change orders including amount, description of work, and change in contract amount and schedule; and
 - (4) Any problems encountered, proposed resolution, schedule for resolution, and status of previous problem resolutions.
- (b) Project Completion Report. The Recipient shall submit a Project Completion Report to the Division with a copy to the appropriate Regional Water Board on or before the due date

established by the Division and the Recipient at the time of final project inspection. The Project Completion Report must address the following:

- (1) Describe the Project,
- (2) Describe the water quality problem the Project sought to address,
- (3) Discuss the Project's likelihood of successfully addressing that water quality problem in the future, and
- (4) Summarize compliance with environmental conditions, if applicable.

If the Recipient fails to submit a timely Project Completion Report, the State Water Board may stop processing pending or future applications for new financial assistance, withhold disbursements under this Agreement or other agreements, and begin administrative proceedings.

- (c) As Needed Reports. The Recipient shall provide expeditiously, during the term of this Agreement, any reports, data, and information reasonably required by the Division, including but not limited to material necessary or appropriate for evaluation of the funding program or to fulfill any reporting requirements of the state or federal government.

2.16 Federal Disadvantaged Business Enterprise (DBE) Reporting.

The Recipient shall report DBE utilization to the Division on the DBE Utilization Report, State Water Board Form DBE UR334. The Recipient must submit such reports to the Division annually within ten (10) calendar days following October 1 until such time as the "Notice of Completion" is issued. The Recipient shall comply with 40 CFR § 33.301.

2.17 Records.

- (a) Without limitation of the requirement to maintain Project accounts in accordance with GAAP, the Recipient shall:
 - (1) Establish an official file for the Project which adequately documents all significant actions relative to the Project;
 - (2) Establish separate accounts which will adequately and accurately depict all amounts received and expended on the Project, including all assistance funds received under this Agreement;
 - (3) Establish separate accounts which will adequately depict all income received which is attributable to the Project, specifically including any income attributable to assistance funds disbursed under this Agreement;
 - (4) Establish an accounting system which will accurately depict final total costs of the Project, including both direct and indirect costs;
 - (5) Establish such accounts and maintain such records as may be necessary for the State to fulfill federal reporting requirements, including any and all reporting requirements under federal tax statutes or regulations; and
 - (6) If Force Account is used by the Recipient for any phase of the Project, other than for planning, design, and construction engineering and administration provided for by allowance, accounts will be established which reasonably document all employee hours

charged to the Project and the associated tasks performed by each employee. Indirect Force Account costs are not eligible for funding.

- (b) The Recipient shall maintain separate books, records and other material relative to the Project. The Recipient shall also retain such books, records, and other material for itself and for each contractor or subcontractor who performed or performs work on this project for a minimum of thirty-six (36) years after Completion of Construction. The Recipient shall require that such books, records, and other material are subject at all reasonable times (at a minimum during normal business hours) to inspection, copying, and audit by the State Water Board, the California State Auditor, the Bureau of State Audits, the United States Environmental Protection Agency (USEPA), the Office of Inspector General, the Internal Revenue Service, the Governor, or any authorized representatives of the aforementioned. The Recipient shall allow and shall require its contractors to allow interviews during normal business hours of any employees who might reasonably have information related to such records. The Recipient agrees to include a similar duty regarding audit, interviews, and records retention in any contract or subcontract related to the performance of this Agreement. The provisions of this section shall survive the discharge of the Recipient's Obligation and the term of this Agreement.

2.18 Audit.

- (a) The Division may call for an audit of financial information relative to the Project if the Division determines that an audit is desirable to assure program integrity or if an audit becomes necessary because of state or federal requirements. If an audit is called for, the audit shall be performed by a certified public accountant independent of the Recipient and at the cost of the Recipient. The audit shall be in the form required by the Division
- (b) Audit disallowances will be returned to the State Water Board.

ARTICLE III FINANCING PROVISIONS

3.1 Purchase and Sale of Project.

The Recipient hereby sells to the State Water Board and the State Water Board hereby purchases from the Recipient the Project. Simultaneously therewith, the Recipient hereby purchases from the State Water Board, and the State Water Board hereby sells to the Recipient, the Project in accordance with the provisions of this Agreement. All right, title, and interest in the Project shall immediately vest in the Recipient on the date of execution and delivery of this Agreement by both parties without further action on the part of the Recipient or the State Water Board. The State Water Board's disbursement of funds hereunder is contingent on the Recipient's compliance with the terms and conditions of this Agreement.

3.2 Amounts Payable by the Recipient.

- (a) **Installment Payments.** Interest will accrue beginning with each disbursement. Beginning one year after Completion of Construction, repayment of the principal of the Project Funds, together with all interest accruing thereon, shall be repaid annually, and shall be fully amortized by the Final Repayment Date.

The Installment Payments are based on a standard fully amortized assistance amount with equal annual payments. The remaining balance is the previous balance, plus the disbursements, plus the accrued interest on both, plus any Charge In Lieu of Interest, less the Installment Payment. Installment Payment calculations will be made beginning one (1) year after Completion of Construction. Exhibit C is a payment schedule based on the provisions of this article and an estimated disbursement schedule. Actual payments will be based on actual disbursements.

Upon Completion of Construction and submission of necessary reports by the Recipient, the Division will prepare an appropriate payment schedule and supply the same to the Recipient. The Division may amend this schedule as necessary to accurately reflect amounts due under this Agreement. The Division will prepare any necessary amendments to the payment schedule and send them to the Recipient.

The Recipient shall make each Installment Payment on or before the due date therefor. A ten (10) day grace period will be allowed, after which time a penalty in the amount of costs incurred by the State Water Board will be assessed for late payment. These costs may include, but are not limited to, lost interest earnings, staff time, bond debt service default penalties, if any, and other related costs. For purposes of penalty assessment, payment will be deemed to have been made if payment is deposited in the U.S. Mail within the grace period with postage prepaid and properly addressed. Any penalties assessed will not be added to the assistance amount balance, but will be treated as a separate account and obligation of the Recipient. The interest penalty will be assessed from the payment due date.

The Recipient is obligated to make all payments required by this Agreement to the State Water Board, notwithstanding any individual default by its constituents or others in the payment to the Recipient of fees, charges, taxes, assessments, tolls or other charges ("Charges") levied or imposed by the Recipient. The Recipient shall provide for the punctual payment to the State Water Board of all amounts which become due under this Agreement and which are received from constituents or others in the payment to the Recipient. In the event of failure, neglect or refusal of any officer of the Recipient to levy or cause to be levied any Charge to provide payment by the Recipient under this Agreement, to enforce or to collect such Charge, or to pay over to the State Water Board any money collected on account of such Charge necessary to satisfy any amount due under this Agreement, the State Water Board may take such action in a court of competent jurisdiction as it deems necessary to compel the performance of all duties relating to the imposition or levying and collection of any of such Charges and the payment of the money collected therefrom to the State Water Board. Action taken pursuant hereto shall not deprive the State Water Board of, or limit the application of, any other remedy provided by law or by this Agreement.

Each Installment Payment shall be paid in lawful money of the United States of America by check or other acceptable form of payment set forth at www.waterboards.ca.gov/make_a_payment.

The Recipient shall not be entitled to interest earned on undisbursed funds. Upon execution of this Agreement, the State Water Board shall encumber an amount equal to the Obligation. The Recipient shall pay Installment Payments and Additional Payments from Net Revenues and/or other amounts legally available to the Recipient therefor. Interest on any funds disbursed to the Recipient shall begin to accrue as of the date of each disbursement.

- (b) Project Costs. The Recipient shall pay any and all costs connected with the Project including, without limitation, any and all Project Costs. If the Project Funds are not sufficient to pay the Project Costs in full, the Recipient shall nonetheless complete the Project and pay that portion of the Project Costs in excess of available Project Funds, and shall not be entitled to any reimbursement therefor from the State Water Board.
- (c) Additional Payments. In addition to the Installment Payments required to be made by the Recipient, the Recipient shall also pay to the State Water Board the reasonable extraordinary fees and expenses of the State Water Board, and of any assignee of the State Water Board's right, title, and interest in and to this Agreement, in connection with this Agreement, including all expenses and fees of accountants, trustees, staff, contractors, consultants, costs, insurance premiums and all other extraordinary costs reasonably incurred by the State Water Board or assignee of the State Water Board.

Additional Payments may be billed to the Recipient by the State Water Board from time to time, together with a statement executed by a duly authorized representative of the State Water Board, stating that the amounts billed pursuant to this section have been incurred by the State Water Board or its assignee for one or more of the above items and a copy of the invoice or statement for the amount so incurred or paid. Amounts so billed shall be paid by the Recipient within thirty (30) days after receipt of the bill by the Recipient.

- (d) The Recipient may not prepay any portion of the principal and interest due under this Agreement without the written consent of the Deputy Director of the Division.

3.3 Obligation Absolute.

The obligation of the Recipient to make the Installment Payments and other payments required to be made by it under this Agreement, from Net Revenues and/or other amounts legally available to the Recipient therefor, is absolute and unconditional, and until such time as the Installment Payments and Additional Payments have been paid in full, the Recipient shall not discontinue or suspend any Installment Payments or other payments required to be made by it hereunder when due, whether or not the System or any part thereof is operating or operable or has been completed, or its use is suspended, interfered with, reduced or curtailed or terminated in whole or in part, and such Installment Payments and other payments shall not be subject to reduction whether by offset or otherwise and shall not be conditional upon the performance or nonperformance by any party of any agreement for any cause whatsoever.

3.4 No Obligation of the State.

Any obligation of the State Water Board herein contained shall not be an obligation, debt, or liability of the State and any such obligation shall be payable solely out of the moneys encumbered pursuant to this Agreement. If this Agreement's funding for any fiscal year expires due to reversion or is reduced, substantially delayed, or deleted by the Budget Act, by Executive Order, or by order or action of the Department of Finance, the State shall have the option to either cancel this Agreement with no liability occurring to the State, or offer an amendment to the Recipient to reflect the reduced amount.

3.5 Disbursement of Project Funds; Availability of Funds.

- (a) Except as may be otherwise provided in this Agreement, disbursement of Project Funds will be made as follows:
- (1) Upon execution and delivery of this Agreement by both parties, the Recipient may request immediate disbursement of any eligible incurred planning and design allowance as specified in Exhibit B from the Project Funds through submission to the State Water Board of the Disbursement Request Form 260 and Form 261, or any amendment thereto, duly completed and executed.
 - (2) The Recipient may request disbursement of eligible construction and equipment costs consistent with budget amounts referenced in Exhibit B and Exhibit A-FBA. (Note that this Agreement will be amended to incorporate Exhibit A-FBA after final budget approval.)
 - (3) Additional Project Funds will be promptly disbursed to the Recipient upon receipt of Disbursement Request Form 260 and Form 261, or any amendment thereto, duly completed and executed by the Recipient for incurred costs consistent with this Agreement, along with receipt of status reports due under Section 2.15 above.
 - (4) The Recipient shall not request disbursement for any Project Cost until such cost has been incurred and is currently due and payable by the Recipient, although the actual payment of such cost by the Recipient is not required as a condition of disbursement request. Supporting documentation (e.g., receipts) must be submitted with each Disbursement Request. The amount requested for administration costs must include a calculation formula (i.e., hours or days worked times the hourly or daily rate = total

- amount claimed). Disbursement of Project Funds will be made only after receipt of a complete, adequately supported, properly documented, and accurately addressed Disbursement Request.
- (5) Recipient shall spend Project Funds within 30 days of receipt. Any interest earned on Project Funds shall be reported to the State Water Board and may be required to be returned to the State Water Board or deducted from future disbursements.
 - (6) The Recipient shall not be entitled to interest earned on undisbursed funds.
 - (7) The Recipient shall not request a disbursement unless that Project Cost is allowable, reasonable, and allocable.
 - (8) Notwithstanding any other provision of this Agreement, no disbursement shall be required at any time or in any manner which is in violation of or in conflict with federal or state laws, policies, or regulations.
 - (9) Costs incurred for travel outside the State of California are not eligible for reimbursement under this Agreement unless the Division provides prior written authorization. Any reimbursement for necessary travel and per diem shall be at rates not to exceed those set by the California Department of Human Resources. These rates may be found at <http://www.calhr.ca.gov/employees/Pages/travel-reimbursements.aspx>. Reimbursement will be at the State travel and per diem amounts that are current as of the date costs are incurred by the Recipient.
- (b) The State Water Board's obligation to disburse Project Funds is contingent upon the availability of sufficient funds to permit the disbursements provided for herein. If sufficient funds are not available for any reason, including but not limited to failure of the federal or State government to appropriate funds necessary for disbursement of Project Funds, the State Water Board shall not be obligated to make any disbursements to the Recipient under this Agreement. This provision shall be construed as a condition precedent to the obligation of the State Water Board to make any disbursements under this Agreement. Nothing in this Agreement shall be construed to provide the Recipient with a right of priority for disbursement over any other agency. If any disbursements due the Recipient under this Agreement are deferred because sufficient funds are unavailable, it is the intention of the State Water Board that such disbursement will be made to the Recipient when sufficient funds do become available, but this intention is not binding.
- (c) Fraud and Misuse of Public Funds. All requests for disbursement submitted shall be accurate and signed by the Recipient's Authorized Representative under penalty of perjury. All costs submitted pursuant to this Agreement shall only be for the tasks set forth herein. The Recipient shall not submit any invoice containing costs that are ineligible or have been reimbursed from other funding sources unless required and specifically noted as such (i.e., match costs). Any eligible costs for which the Recipient is seeking reimbursement shall not be reimbursed from any other source. Double or multiple billing for time, services, or any other eligible cost is improper and will not be compensated. Any suspected occurrences of fraud, forgery, embezzlement, theft, or any other misuse of public funds may result in suspension of disbursements and, notwithstanding any other section in this Agreement, the termination of this Agreement requiring the repayment of all funds disbursed hereunder. Additionally, the Deputy Director of the Division may request an audit and refer the matter to the Attorney General's Office or the appropriate district attorney's office for criminal prosecution or the imposition of civil liability.

3.6 Withholding of Disbursements and Material Violations.

Notwithstanding any other provision of this Agreement, the State Water Board may withhold all or any portion of the Project Funds upon the occurrence of any of the following events:

- a. The Recipient's failure to maintain reasonable progress on the Project as determined by the Division;

- b. Placement on the ballot or passage of an initiative or referendum to repeal or reduce the Recipient's taxes, assessments, fees, or charges levied for operation of the System or repayment of debt service on System Obligations;
- c. Commencement of litigation or a judicial or administrative proceeding related to the System, Project, or Revenues that the State Water Board determines may impair the timely completion of the Project or the repayment of the Obligation;
- d. Any investigation by the District Attorney, California State Auditor, Bureau of State Audits, United States Environmental Protection Agency's Office of Inspector General, the Internal Revenue Service, Securities and Exchange Commission, a grand jury, or any other state or federal agency, relating to the Recipient's financial management, accounting procedures, or internal fiscal controls;
- e. A material adverse change in the condition of the Recipient, the Revenues, or the System, that the Division reasonably determines would materially impair the Recipient's ability to satisfy its obligations under this Agreement, or any other event that the Division reasonably determines would materially impair the Recipient's ability to satisfy its obligations under this Agreement,
- f. The Recipient's material violation of, or threat to materially violate, any term of this Agreement;
- g. Evidence of fraud, forgery, embezzlement, theft, or any other misuse of public funds by the Recipient or its employees, or by its contractors or agents regarding the Project or the System;
- h. An Event of Default or an event that the Division determines may become an Event of Default;

3.7 Pledge; Rates, Fees and Charges; Additional Debt.

- (a) Establishment of Enterprise Fund and Reserve Fund. In order to carry out its System Obligations, the Recipient covenants that it shall establish and maintain or shall have established and maintained the Enterprise Fund. All Revenues received shall be deposited when and as received in trust in the Enterprise Fund. As required in paragraph (f) of this Section, the Recipient shall establish and maintain a Reserve Fund.
- (b) Pledge of Net Revenues, Enterprise Fund, and Reserve Fund. The Obligation hereunder shall be secured by a lien on and pledge of the Enterprise Fund, Net Revenues, and any Reserve Fund in priority as specified in Exhibit F (senior, parity, or subordinate). The Recipient hereby pledges and grants such lien on and pledge of the Enterprise Fund, Net Revenues, and any Reserve Fund to secure the Obligation, including payment of Installment Payments and Additional Payments hereunder. The Net Revenues in the Enterprise Fund, shall be subject to the lien of such pledge without any physical delivery thereof or further act, and the lien of such pledge shall be valid and binding as against all parties having claims of any kind in tort, contract, or otherwise against the Recipient.
- (c) Application and Purpose of the Enterprise Fund. Subject to the provisions of any outstanding System Obligation, money on deposit in the Enterprise Fund shall be applied and used first, to pay Operations and Maintenance Costs, and thereafter, all amounts due and payable with respect to the System Obligations. After making all payments hereinabove required to be made in each Fiscal Year, the Recipient may expend in such Fiscal Year any remaining money in the Enterprise Fund for any lawful purpose of the Recipient, including payment of subordinate debt.
- (d) Rates, Fees and Charges.

The Recipient shall, to the extent permitted by law, fix, prescribe and collect rates, fees and charges for the System during each Fiscal Year which are reasonable, fair, and nondiscriminatory and which will be sufficient to generate Revenues in the amounts necessary to cover Operations

and Maintenance Costs, and shall ensure that Net Revenues are equal to at least 120% of the Maximum Annual Debt Service with respect to all outstanding System Obligations.

The Recipient may make adjustments from time to time in such fees and charges and may make such classification thereof as it deems necessary, but shall not reduce the rates, fees and charges then in effect unless the Net Revenues from such reduced rates, fees, and charges will at all times be sufficient to meet the requirements of this section.

(e) Additional Debt Test.

(1) Additional Senior Debt. The Recipient's future debt that is secured by Revenues pledged herein may not be senior to this Obligation, except where the new senior obligation refunds or refinances a senior obligation with the same lien position as the existing senior obligation, the new senior obligation has the same or earlier repayment term as the refunded senior debt, the new senior debt service is the same or lower than the existing debt service, and the new senior debt will not diminish the Recipient's ability to repay its SRF obligations.

(2) Additional Parity or Subordinate Debt. The Recipient may issue additional parity or subordinate debt only if

(A) Net Revenues in the most recent Fiscal Year, excluding transfers from a rate stabilization fund, if any, meet the ratio for rate covenants set forth in paragraph (d) of this Section with respect to all outstanding and proposed additional obligations;

(B) The Recipient is in compliance with any reserve fund requirement of this Obligation.

(f) Reserve Fund.

Prior to Completion of Construction, the Recipient shall establish a restricted Reserve Fund, held in its Enterprise Fund, equal to one year's Debt Service on this Obligation. The Recipient shall maintain the Reserve Fund throughout the term of this Agreement. The Reserve Fund shall be subject to lien and pledged as security for this Obligation, and its use shall be restricted to payment of this Obligation during the term of this Agreement.

(g) The Recipient may issue or incur subordinate obligations or otherwise issue or incur obligations payable from a lien on Net Revenues that is subordinate to the lien of Net Revenues securing the Obligation.

(h) The Recipient shall not make any pledge of or place any lien on Revenues and shall not make any pledge of or place any lien on Net Revenues except as otherwise provided or permitted by this Agreement.

3.8 Financial Management System and Standards.

The Recipient shall comply with federal standards for financial management systems. The Recipient agrees that, at a minimum, its fiscal control and accounting procedures will be sufficient to permit preparation of reports required by the federal government and tracking of Project funds to a level of expenditure adequate to establish that such funds have not been used in violation of federal or state law or the terms of this Agreement. To the extent applicable, the Recipient shall be bound by, and to comply with, the provisions and requirements of the federal Single Audit Act of 1984, Office of Management and Budget (OMB) Circular No. A-133 and 2 CFR Part 200, subpart F, and updates or revisions, thereto.

3.9 Accounting and Auditing Standards.

The Recipient must maintain project accounts according to GAAP as issued by the Governmental Accounting Standards Board (GASB) or its successor. The Recipient shall maintain GAAP-compliant project accounts, including GAAP requirements relating to the reporting of infrastructure assets.

3.10 Other Assistance.

If funding for Project Costs is made available to the Recipient from sources other than this Agreement, the Recipient shall notify the Division. The Recipient may retain such funding up to an amount which equals the Recipient's local share of Project Costs. To the extent allowed by requirements of other funding sources, excess funding shall be remitted to the State Water Board to be applied to Installment Payments due hereunder, if any.

ARTICLE IV MISCELLANEOUS PROVISIONS

4.1 Amendment.

No amendment or variation of the terms of this Agreement shall be valid unless made in writing and signed by both the Recipient and the Deputy Director or designee. Requests for amendments shall be made in writing and directed to the Deputy Director.

4.2 Assignability.

The Recipient consents to any pledge, sale, or assignment to the Bank or a trustee for the benefit of the owners of the Bonds, if any, at any time of any portion of the State Water Board's estate, right, title, and interest and claim in, to and under this Agreement and the right to make all related waivers and agreements in the name and on behalf of the State Water Board, as agent and attorney-in-fact, and to perform all other related acts which are necessary and appropriate under this Agreement, if any, and the State Water Board's estate, right, title, and interest and claim in, to and under this Agreement to Installment Payments (but excluding the State Water Board's rights to Additional Payments and to notices, opinions and indemnification under each Obligation). This Agreement is not assignable by the Recipient, either in whole or in part, without the consent of the State Water Board in the form of a formal written amendment to this Agreement.

4.3 Bonding.

Where contractors are used, the Recipient shall not authorize construction to begin until each contractor has furnished a performance bond in favor of the Recipient in the following amounts: faithful performance (100%) of contract value; labor and materials (100%) of contract value. This requirement shall not apply to any contract for less than \$25,000.00.

4.4 Competitive Bidding

Recipient shall adhere to any applicable state law or local ordinance for competitive bidding and applicable labor laws.

4.5 Compliance with Law, Regulations, etc.

The Recipient shall, at all times, comply with and require its contractors and subcontractors to comply with all applicable federal and state laws, rules, guidelines, regulations, and requirements. Without limitation of the foregoing, to the extent applicable, the Recipient shall:

- (a) Comply with the provisions of the adopted environmental mitigation plan, if any, for the term of this Agreement;

- (b) Comply with the State Water Board's Policy;
- (c) Comply with and require compliance with the list of State laws attached as Exhibit H.
- (d) Comply with and require its contractors and subcontractors on the Project to comply with federal DBE requirements; and
- (e) Comply with and require its contractors and subcontractors to comply with the list of federal laws attached as Exhibit E.

4.6 Conflict of Interest.

The Recipient certifies that its owners, officers, directors, agents, representatives, and employees are in compliance with applicable state and federal conflict of interest laws.

4.7 Damages for Breach Affecting Tax-Exempt Status or Federal Compliance

In the event that any breach of any of the provisions of this Agreement by the Recipient shall result in the loss of tax-exempt status for any bonds of the State or any subdivision or agency thereof, including Bonds issued on behalf of the State Water Board, or if such breach shall result in an obligation on the part of the State or any subdivision or agency thereof to reimburse the federal government by reason of any arbitrage profits, the Recipient shall immediately reimburse the State or any subdivision or agency thereof in an amount equal to any damages paid by or loss incurred by the State or any subdivision or agency thereof due to such breach. In the event that any breach of any of the provisions of this Agreement by the Recipient shall result in the failure of Project Funds to be used pursuant to the provisions of this Agreement, or if such breach shall result in an obligation on the part of the State or any subdivision or agency thereof to reimburse the federal government, the Recipient shall immediately reimburse the State or any subdivision or agency thereof in an amount equal to any damages paid by or loss incurred by the State or any subdivision or agency thereof due to such breach.

4.8 Disputes.

- (a) The Recipient may appeal a staff decision within 30 days to the Deputy Director of the Division or designee, for a final Division decision. The Recipient may appeal a final Division decision to the State Water Board within 30 days. The Office of the Chief Counsel of the State Water Board will prepare a summary of the dispute and make recommendations relative to its final resolution, which will be provided to the State Water Board's Executive Director and each State Water Board Member. Upon the motion of any State Water Board Member, the State Water Board will review and resolve the dispute in the manner determined by the State Water Board. Should the State Water Board determine not to review the final Division decision, this decision will represent a final agency action on the dispute.
- (b) This clause does not preclude consideration of legal questions, provided that nothing herein shall be construed to make final the decision of the State Water Board, or any official or representative thereof, on any question of law.
- (c) Recipient shall continue with the responsibilities under this Agreement during any dispute.
- (d) This section 4.8 relating to disputes does not establish an exclusive procedure for resolving claims within the meaning of Government Code sections 930 and 930.4.

4.9 Governing Law.

This Agreement is governed by and shall be interpreted in accordance with the laws of the State of California.

4.10 Income Restrictions.

The Recipient agrees that any refunds, rebates, credits, or other amounts (including any interest thereon) accruing to or received by the Recipient under this Agreement shall be paid by the Recipient to the State Water Board, to the extent that they are properly allocable to costs for which the Recipient has been reimbursed by the State Water Board under this Agreement.

4.11 Indemnification and State Reviews.

The parties agree that review or approval of Project plans and specifications by the State Water Board is for administrative purposes only, including conformity with application and eligibility criteria, and expressly not for the purposes of design defect review or construction feasibility, and does not relieve the Recipient of its responsibility to properly plan, design, construct, operate, and maintain the Project. To the extent permitted by law, the Recipient agrees to indemnify, defend, and hold harmless the State Water Board, the Bank, and any trustee, and their officers, employees, and agents for the Bonds, if any (collectively, "Indemnified Persons"), against any loss or liability arising out of any claim or action brought against any Indemnified Persons from and against any and all losses, claims, damages, liabilities, or expenses, of every conceivable kind, character, and nature whatsoever arising out of, resulting from, or in any way connected with (1) the System or the Project or the conditions, occupancy, use, possession, conduct, or management of, work done in or about, or the planning, design, acquisition, installation, or construction, of the System or the Project or any part thereof; (2) the carrying out of any of the transactions contemplated by this Agreement or any related document; (3) any violation of any applicable law, rule or regulation, any environmental law (including, without limitation, the Federal Comprehensive Environmental Response, Compensation and Liability Act, the Resource Conservation and Recovery Act, the California Hazardous Substance Account Act, the Federal Water Pollution Control Act, the Clean Air Act, the Toxic Substances Control Act, the Occupational Safety and Health Act, the Safe Drinking Water Act, the California Hazardous Waste Control Law, and California Water Code Section 13304, and any successors to said laws), rule or regulation or the release of any toxic substance on or near the System; or (4) any untrue statement or alleged untrue statement of any material fact or omission or alleged omission to state a material fact necessary to make the statements required to be stated therein, in light of the circumstances under which they were made, not misleading with respect to any information provided by the Recipient for use in any disclosure document utilized in connection with any of the transactions contemplated by this Agreement, except those arising from the gross negligence or willful misconduct of the Indemnified Persons. The Recipient shall also provide for the defense and indemnification of the Indemnified Parties in any contractual provision extending indemnity to the Recipient in any contract let for the performance of any work under this Agreement, and shall cause the Indemnified Parties to be included within the scope of any provision for the indemnification and defense of the Recipient in any contract or subcontract. To the fullest extent permitted by law, the Recipient agrees to pay and discharge any judgment or award entered or made against Indemnified Persons with respect to any such claim or action, and any settlement, compromise or other voluntary resolution. The provisions of this section shall survive the term of this Agreement and the discharge of the Recipient's Obligation hereunder.

4.12 Independent Actor.

The Recipient, and its agents and employees, if any, in the performance of this Agreement, shall act in an independent capacity and not as officers, employees, or agents of the State Water Board.

4.13 Integration.

This Agreement constitutes the complete and final agreement between the parties. No oral or written understanding or agreement not incorporated in this Agreement shall be binding on either party.

4.14 Leveraging Covenants.

- (a) Tax Covenant. Notwithstanding any other provision hereof, the Recipient covenants and agrees that it will comply with the Tax Covenants set forth in Article V of this Agreement.
- (b) Disclosure of Financial Information, Operating Data, and Other Information. The Recipient covenants to furnish such financial, operating and other data pertaining to the Recipient as may be requested by the State Water Board to: (i) enable the State Water Board to cause the issuance of Bonds and provide for security therefor; or (ii) enable any underwriter of Bonds issued for the benefit of the State Water Board to comply with Rule 15c2-12(b)(5). The Recipient further covenants to provide the State Water Board with copies of all continuing disclosure documents or reports that are disclosed pursuant to (i) the Recipient's continuing disclosure undertaking or undertakings made in connection with any outstanding System Obligation, (ii) the terms of any outstanding System Obligation, or (iii) a voluntary disclosure of information related to an outstanding System Obligation. The Recipient shall disclose such documents or reports to the State Water Board at the same time such documents or reports are submitted to any dissemination agent, trustee, nationally recognized municipal securities information repository, the Municipal Securities Rulemaking Board's Electronic Municipal Market Access (EMMA) website or other person or entity.

4.15 Non-Discrimination Clause.

- (a) The Recipient shall comply with Government Code section 11135 and the implementing regulations (Cal. Code Regs, tit. 2, § 11140 et seq.), including, but not limited to, ensuring that no person is unlawfully denied full and equal access to the benefits of, or unlawfully subjected to discrimination in the operation of, the Project or System on the basis of sex, race, color, religion, ancestry, national origin, ethnic group identification, age, mental disability, physical disability, medical condition, genetic information, marital status, or sexual orientation as such terms are defined under California law, for as long as the Recipient retains ownership or possession of the Project.
- (b) If Project Funds are used to acquire or improve real property, the Recipient shall include a covenant of nondiscrimination running with the land in the instrument effecting or recording the transfer of such real property.
- (c) The Recipient shall comply with the federal American with Disabilities Act of 1990 and implementing regulations as required by Government Code section 11135(b).
- (d) The Recipient's obligations under this section shall survive the term of this Agreement.
- (e) During the performance of this Agreement, Recipient and its contractors and subcontractors shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, sexual orientation, physical disability (including HIV and AIDS), mental disability, medical condition (cancer), age (over 40), marital status, denial of family care leave, or genetic information, gender, gender identity, gender expression, or military and veteran status.
- (f) The Recipient, its contractors, and subcontractors shall ensure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment.

- (g) The Recipient, its contractors, and subcontractors shall comply with the provisions of the Fair Employment and Housing Act and the applicable regulations promulgated thereunder. (Gov. Code, §12990, subds. (a)-(f) et seq.; Cal. Code Regs., tit. 2, § 7285 et seq.) Such regulations are incorporated into this Agreement by reference and made a part hereof as if set forth in full.
- (h) The Recipient, its contractors, and subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement.
- (i) The Recipient shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under this Agreement.

4.16 No Third Party Rights.

The parties to this Agreement do not create rights in, or grant remedies to, any third party as a beneficiary of this Agreement, or of any duty, covenant, obligation, or undertaking established herein.

4.17 Operation and Maintenance; Insurance.

The Recipient agrees to sufficiently and properly staff, operate and maintain all portions of the System during its useful life in accordance with all applicable state and federal laws, rules, and regulations.

The Recipient will procure and maintain or cause to be maintained insurance on the System with responsible insurers, or as part of a reasonable system of self-insurance, in such amounts and against such risks (including damage to or destruction of the System) as are usually covered in connection with systems similar to the System. Such insurance may be maintained by a self-insurance plan so long as such plan provides for (i) the establishment by the Recipient of a separate segregated self-insurance fund in an amount determined (initially and on at least an annual basis) by an independent insurance consultant experienced in the field of risk management employing accepted actuarial techniques and (ii) the establishment and maintenance of a claims processing and risk management program.

In the event of any damage to or destruction of the System caused by the perils covered by such insurance, the net proceeds thereof shall be applied to the reconstruction, repair or replacement of the damaged or destroyed portion of the System. The Recipient shall begin such reconstruction, repair or replacement as expeditiously as possible, and shall pay out of such net proceeds all costs and expenses in connection with such reconstruction, repair or replacement so that the same shall be completed and the System shall be free and clear of all claims and liens. If such net proceeds are insufficient to reconstruct, repair, or restore the System to the extent necessary to enable the Recipient to pay all remaining unpaid principal portions of the Installment Payments, if any, in accordance with the terms of this Agreement, the Recipient shall provide additional funds to restore or replace the damaged portions of the System.

Recipient agrees that for any policy of insurance concerning or covering the construction of the Project, it will cause, and will require its contractors and subcontractors to cause, a certificate of insurance to be issued showing the State Water Board, its officers, agents, employees, and servants as additional insured; and shall provide the Division with a copy of all such certificates prior to the commencement of construction of the Project.

4.18 Permits, Subcontracting, and Remedies.

The Recipient shall comply in all material respects with all applicable federal, state and local laws, rules and regulations. Recipient shall procure all permits, licenses and other authorizations necessary to accomplish the work contemplated in this Agreement, pay all charges and fees, and give all notices

necessary and incidental to the due and lawful prosecution of the work. Signed copies of any such permits or licenses shall be submitted to the Division before construction begins.

The Recipient shall not contract or allow subcontracting with excluded parties. The Recipient shall not contract with any party who is debarred or suspended or otherwise excluded from or ineligible for participation in any work overseen, directed, funded, or administered by the State Water Board program for which this funding is authorized. For any work related to this Agreement, the Recipient shall not contract with any individual or organization on the State Water Board's List of Disqualified Businesses and Persons that is identified as debarred or suspended or otherwise excluded from or ineligible for participation in any work overseen, directed, funded, or administered by the State Water Board program for which funding under this Agreement is authorized. The State Water Board's List of Disqualified Businesses and Persons is located at http://www.waterboards.ca.gov/water_issues/programs/enforcement/fwa/dbp.shtml

4.19 Prevailing Wages.

The Recipient agrees to be bound by all applicable provisions of State Labor Code regarding prevailing wages. The Recipient shall monitor all agreements subject to reimbursement from this Agreement to ensure that the prevailing wage provisions of the State Labor Code are being met. In addition, the Recipient agrees to comply with the provisions of Exhibit G (Davis-Bacon).

4.20 Public Funding.

This Project is publicly funded. Any service provider or contractor with which the Recipient contracts must not have any role or relationship with the Recipient, that, in effect, substantially limits the Recipient's ability to exercise its rights, including cancellation rights, under the contract, based on all the facts and circumstances.

4.21 Recipient's Responsibility for Work.

The Recipient shall be responsible for all work and for persons or entities engaged in work performed pursuant to this Agreement, including, but not limited to, contractors, subcontractors, suppliers, and providers of services. The Recipient shall be responsible for responding to any and all disputes arising out of its contracts for work on the Project. The State Water Board will not mediate disputes between the Recipient and any other entity concerning responsibility for performance of work.

4.22 Related Litigation.

Under no circumstances may the Recipient use funds from any disbursement under this Agreement to pay costs associated with any litigation the Recipient pursues against the State Water Board or any Regional Water Quality Control Board. Regardless of the outcome of any such litigation, and notwithstanding any conflicting language in this Agreement, the Recipient agrees to repay all of the disbursed funds plus interest in the event that Recipient does not complete the project.

4.23 Rights in Data.

The Recipient agrees that all data, plans, drawings, specifications, reports, computer programs, operating manuals, notes, and other written or graphic work produced in the performance of this Agreement are subject to the rights of the State as set forth in this section. The State shall have the right to reproduce, publish, and use all such work, or any part thereof, in any manner and for any purposes whatsoever and to authorize others to do so. If any such work is copyrightable, the Recipient may copyright the same, except that, as to any work which is copyrighted by the Recipient, the State reserves a royalty-free, nonexclusive, and irrevocable license to reproduce, publish, and use such work, or any part thereof, and to authorize others to do so, and to receive electronic copies from the Recipient upon request.

4.24 State Water Board Action; Costs and Attorney Fees.

Any remedy provided in this Agreement is in addition to and not in derogation of any other legal or equitable remedy available to the State Water Board as a result of breach of this Agreement by the Recipient, whether such breach occurs before or after completion of the Project, and exercise of any remedy provided by this Agreement by the State Water Board shall not preclude the State Water Board from pursuing any legal remedy or right which would otherwise be available. In the event of litigation between the parties hereto arising from this Agreement, it is agreed that each party shall bear its own costs and attorney fees.

4.25 Termination and Other Remedies Upon Event of Default.

For purposes of this section, the term "State Water Board" shall mean the State Water Board and its assignees.

- (a) Return of Funds; Acceleration; and Additional Payments. Notwithstanding Exhibit B, if the Division determines that an Event of Default has occurred, the Recipient shall, upon demand, immediately do each of the following:
 - (a) accelerate the payment of all principal owed under this Agreement, if any, which shall be immediately due and payable;
 - (b) pay interest at the highest legal rate on all amounts owed; and
 - (c) pay any Additional Payments.
- (b) Judicial remedies. Whenever the State Water Board determines that an Event of Default shall have occurred, the State Water Board may enforce its rights under this Agreement by any judicial proceeding, whether at law or in equity. Without limiting the generality of the foregoing, the State Water Board may: by suit in equity, require the Recipient to account for amounts relating to this Agreement as if the Recipient were the trustee of an express trust; by mandamus or other proceeding, compel the performance by the Recipient and any of its officers, agents, and employees of any duty under the law or of any obligation or covenant under this Agreement, including but not limited to the imposition and collection of rates for the services of the System sufficient to meet all requirements of this Agreement; and take whatever action at law or in equity as may appear necessary or desirable to the State Water Board to collect the Installment Payments then due or thereafter to become due, or to enforce performance of any obligation or covenant of the Recipient under this Agreement.
- (c) Termination. Upon an Event of Default, the State Water Board may terminate this Agreement. Interest shall accrue on all amounts due at the highest legal rate of interest from the date that the State Water Board delivers notice of termination to the Recipient.
- (d) Remedies Not Exclusive. None of the remedies available to the State Water Board shall be exclusive of any other remedy, and each such remedy shall be cumulative and in addition to every other remedy given hereunder or now or hereafter existing at law or in equity. The State Water Board may exercise any remedy, now or hereafter existing, without exhausting and without regard to any other remedy.
- (e) Non-waiver. Nothing in this section or any other section of this Agreement shall affect or impair the Recipient's obligation to pay Installment Payments as provided herein or shall affect or impair the right of the State Water Board to bring suit to enforce such payment. No delay or omission of the State Water Board in the exercise of any right arising upon an Event of Default shall impair any such right or be construed to be a waiver of any such Event of Default. The State Water

Board may exercise from time to time and as often as shall be deemed expedient by the State Water Board, any remedy or right provided by law or pursuant to this Agreement.

- (f) Status Quo. If any action to enforce any right or exercise any remedy shall be brought and either discontinued or determined adversely to the State Water Board, then the State Water Board shall be restored to its former position, rights and remedies as if no such action had been brought.

4.26 Timeliness.

Time is of the essence in this Agreement.

4.27 Unenforceable Provision.

In the event that any provision of this Agreement is unenforceable or held to be unenforceable, then the parties agree that all other provisions of this Agreement have force and effect and shall not be affected thereby.

4.28 Useful Life.

The Recipient warrants that the economic useful life of the Project, commencing at Project Completion, is at least equal to the term of this Agreement, as set forth in Exhibit B.

4.29 Venue.

Any action arising out of this Agreement shall be filed and maintained in the Superior Court in and for the County of Sacramento, California.

4.30 Waiver and Rights of the State Water Board.

Any waiver of rights by the State Water Board with respect to a default or other matter arising under this Agreement at any time shall not be considered a waiver of rights with respect to any other default or matter.

Any rights and remedies of the State Water Board provided for in this Agreement are in addition to any other rights and remedies provided by law.

ARTICLE V TAX COVENANTS

5.1 Purpose.

The purpose of this Article V is to establish the reasonable expectations of the Recipient regarding the Project and the Project Funds, and is intended to be and may be relied upon for purposes of Sections 103, 141 and 148 of the Code and as a certification described in Section 1.148-2(b)(2) of the Treasury Regulations. This Article V sets forth certain facts, estimates and circumstances which form the basis for the Recipient's expectation that neither the Project nor the Bond Funded Portion of the Project Funds is to be used in a manner that would cause the Obligation to be classified as "arbitrage bonds" under Section 148 of the Code or "private activity bonds" under Section 141 of the Code.

5.2 Tax Covenant.

The Recipient agrees that it will not take or authorize any action or permit any action within its reasonable control to be taken, or fail to take any action within its reasonable control, with respect to the Project which would result in the loss of the exclusion of interest on the Bonds from gross income for federal income tax purposes under Section 103 of the Code.

5.3 Governmental Unit.

The Recipient is a state or local governmental unit as defined in Section 1.103-1 of the Treasury Regulations or an instrumentality thereof (a "Governmental Unit") and is not the federal government or any agency or instrumentality thereof.

5.4 Financing of a Capital Project.

The Recipient will use the Project Funds to finance costs it has incurred or will incur for the construction, reconstruction, installation or acquisition of the Project. Such costs shall not have previously been financed with the proceeds of any other issue of tax-exempt obligations.

5.5 Ownership and Operation of Project.

The Recipient exclusively owns and, except as provided in Section 5.12 hereof, operates the Project.

5.6 Temporary Period.

The Recipient reasonably expects that at least eighty-five percent (85%) of the Bond Funded Portion of the Project Funds will be allocated to expenditures for the Project within three (3) years of the earlier of the effective date of this Agreement or the date the Bonds are issued ("Applicable Date"). The Recipient has incurred, or reasonably expects that it will incur within six (6) months of the Applicable Date, a substantial binding obligation (i.e., not subject to contingencies within the control of the Recipient or a related party) to a third party to expend at least five percent (5%) of the Bond Funded Portion of the Project Funds on Project Costs. The completion of acquisition, construction, improvement and equipping of the Project and the allocation of the Bond Funded Portion of the Project Funds to Project Costs will proceed with due diligence.

5.7 Working Capital.

No operational expenditures of the Recipient or any related entity are being, have been or will be financed or refinanced with Project Funds.

5.8 Expenditure of Proceeds.

The Bond Funded Portion of the Project Funds shall be used exclusively for the following purposes: (i) Reimbursement Expenditures (as defined in Section 5.20 below), (ii) Preliminary Expenditures (as defined in Section 5.20 below) in an aggregate amount not exceeding twenty percent (20%) of the Bond Funded Portion of the Project Funds, (iii) capital expenditures relating to the Project originally paid by the Recipient on or after the date hereof, (iv) interest on the Obligation through the later of three (3) years after the Applicable Date or one (1) year after the Project is placed in service, and (v) initial operating expenses directly associated with the Project in the aggregate amount not more than five percent (5%) of the Bond Funded Portion of the Project Funds.

5.9 Private Use and Private Payments.

No portion of the Project Funds or the Project is being, has been or will be used in the aggregate for any activities that constitute a Private Use (as defined below). No portion of the principal or of interest with respect to the Installment Payments will be secured by any interest in property (whether or not the Project) used for a Private Use or in payments in respect of property used for a Private Use, or will be derived from payments in respect of property used for a Private Use. "Private Use" means any activity that constitutes a trade or business that is carried on by persons or entities, other than a Governmental Unit. The leasing of the Project or the access by or the use of the Project by a person or entity other than a Governmental Unit on a basis other than as a member of the general public shall constitute a Private Use. Use by or on behalf of the State of California or any of its agencies, instrumentalities or subdivisions

or by any local Governmental Unit and use as a member of the general public will be disregarded in determining whether a Private Use exists. Use under an arrangement that conveys priority rights or other preferential benefits is generally not use on the same basis as the general public. Arrangements providing for use that is available to the general public at no charge or on the basis of rates that are generally applicable and uniformly applied do not convey priority rights or other preferential benefits. For this purpose, rates may be treated as generally applicable and uniformly applied even if (i) different rates apply to different classes of users, such as volume purchasers, if the differences in rates are customary and reasonable; or (ii) a specially negotiated rate arrangement is entered into, but only if the user is prohibited by federal law from paying the generally applicable rates, and the rates established are as comparable as reasonably possible to the generally applicable rates. An arrangement that does not otherwise convey priority rights or other preferential benefits is not treated, nevertheless, as general public use if the term of the use under the arrangement, including all renewal options, is greater than 200 days. For this purpose, a right of first refusal to renew use under the arrangement is not treated as a renewal option if (i) the compensation for the use under the arrangement is redetermined at generally applicable, fair market value rates that are in effect at the time of renewal; and (ii) the use of the financed property under the same or similar arrangements is predominantly by natural persons who are not engaged in a trade or business.

5.10 No Sale, Lease or Private Operation of the Project.

The Project (or any portion thereof) will not be sold or otherwise disposed of, in whole or in part, to any person who is not a Governmental Unit prior to the final maturity date of the Obligation. The Project will not be leased to any person or entity that is not a Governmental Unit prior to the final maturity date of the Obligation. Except as permitted under Section 5.12 hereof, the Recipient will not enter any contract or arrangement or cause or permit any contract or arrangement to be entered with persons or entities that are not Governmental Units if that contract or arrangement would confer on such persons or entities any right to use the Project on a basis different from the right of members of the general public. The contracts or arrangements contemplated by the preceding sentence include but are not limited to management contracts, take or pay contracts or put or pay contracts, and capacity guarantee contracts.

5.11 No Disproportionate or Unrelated Use.

No portion of the Project Funds or the Project is being, has been, or will be used for a Private Use that is unrelated or disproportionate to the governmental use of the Project Funds.

5.12 Management and Service Contracts.

The Recipient represents that, as of the date hereof, it is not a party to any contract, agreement or other arrangement with any persons or entities engaged in a trade or business (other than Governmental Units) that involve the management or operation of property or the provision of services at or with respect to the Project that does not comply with the standards of the Treasury Regulations, Revenue Procedure 97-13, as modified by Revenue Procedure 2001-39 and IRS Notice 2014-67, or Revenue Procedure 2017-13, as applicable. The Recipient represents that it will not be party to any such contract, agreement or arrangement with any person or entity that is not a Governmental Unit for the management of property or the provision of services at or with respect to the Project, while the Obligation (including any obligation or series thereof issued to refund the Obligation, as the case may be) is outstanding, except: (a) with respect to any contract, agreement or arrangement that does not constitute "private business use" of the Project under Code §141(b), or (b) with respect to any contract, agreement or arrangement that complies with (i) Revenue Procedure 97-13, 1997-1 C.B. 632, as amended by Revenue Procedure 2001-39, 2001-2 C.B. 38, and as amplified by Notice 2014-67, with respect to contracts entered into before August 18, 2017 and not materially modified or extended after August 18, 2017, or (ii) Revenue Procedure 2017-13, with respect to contracts entered into or materially modified or extended on or after August 18, 2017, or (c) with respect to any contract, agreement or arrangement that does not give rise to use of the Bond Funded Portion of the Project Funds or the Project by a non-Governmental Unit of more than the amount of such non-qualified use permitted by the Code, or (d) in the event that the Recipient receives an opinion

of counsel, satisfactory to the State Water Board and the Bank and expert in the issuance of state and local government bonds the interest on which is excluded from gross income under Section 103 of the Code ("Nationally-Recognized Bond Counsel"), that such contract, agreement or arrangement will not adversely affect the exclusion of the interest on the Obligation from gross income for federal income taxation purposes.

5.13 No Disposition of Financed Property.

As of the date hereof, the Recipient does not expect to sell or otherwise dispose of any portion of the Project, in whole or in part, prior to the final maturity date of the Obligation.

5.14 Useful Life of Project.

As of the date hereof, the Recipient reasonably expects that the economic useful life of the Project, commencing at Project Completion, will be at least equal to the term of this Agreement, as set forth on Exhibit B hereto.

5.15 Installment Payments.

Installment Payments generally are expected to be derived from assessments, taxes, fees, charges or other current Revenues of the Recipient in each year, and such current Revenues are expected to equal or exceed the Installment Payments during each payment period. Any amounts accumulated in a sinking fund or bona fide debt service fund to pay Installment Payments (whether or not deposited to a fund or account established by the Recipient) will be disbursed to pay Installment Payments within thirteen months of the initial date of accumulation or deposit. Any such fund used for the payment of Installment Payments will be depleted once a year except for a reasonable carryover amount not exceeding the greater of earnings on such fund or one-twelfth of the Installment Payments in either case for the immediately preceding year.

5.16 No Other Replacement Proceeds.

The Recipient will not use any of the Bond Funded Portion of the Project Funds to replace or substitute other funds of the Recipient that were otherwise to be used to finance the Project or which are or will be used to acquire securities, obligations or other investment property reasonably expected to produce a yield that is materially higher than the yield on the Bonds.

5.17 No Sinking or Pledged Fund.

Except as set forth in Section 5.18 below, the Recipient will not create or establish any sinking fund or pledged fund which will be used to pay Installment Payments on the Obligation within the meaning of Section 1.148-1(c) of the Treasury Regulations. If any sinking fund or pledged fund comes into being with respect to the Obligation before the Obligation has been fully retired which may be used to pay the Installment Payments, the Recipient will invest such sinking fund and pledged fund moneys at a yield that does not exceed the yield on the Bonds.

5.18 Reserve Amount.

The State Water Board requires that the Recipient maintain and fund a separate account in an amount equal to one (1) year of Debt Service with respect to the Obligation (the "Reserve Amount") as set forth in Section 3.7. The Recipient represents that the Reserve Amount is and will be available to pay debt service with respect to the Obligation, if and when needed. The Reserve Amount consists solely of revenues of the Recipient and does not include any proceeds of any obligations the interest on which is excluded from gross income for federal income tax purposes or investment earnings thereon. The aggregate of the Reserve Amount, up to an amount not exceeding the lesser of (i) ten percent of the aggregate principal amount of the Obligation, (ii) the maximum annual debt service with respect to the

Obligation, or (iii) 125 percent of the average annual debt service with respect to the Obligation, will be treated as a reasonably required reserve fund.

5.19 Reimbursement Resolution.

The "reimbursement resolution" adopted by the Recipient is incorporated herein by reference, pursuant to Exhibit A.

5.20 Reimbursement Expenditures.

Reimbursements are disallowed, except as specifically authorized in Exhibit B or Exhibit D of this Agreement. To the extent so authorized, a portion of the Bond Funded Portion of the Project Funds may be applied to reimburse the Recipient for Project Costs paid before the date hereof, so long as the Project Cost was (i) not paid prior to sixty (60) days before the Recipient's adoption of a declaration of official intent to finance the Project, (ii) not paid more than eighteen (18) months prior to the date hereof or the date the Project was placed-in-service, whichever is later, and (iii) not paid more than three (3) years prior to the date hereof (collectively, "Reimbursement Expenditures"), unless such cost is attributable to a "preliminary expenditure." Preliminary expenditure for this purpose means architectural, engineering, surveying, soil testing and similar costs incurred prior to the commencement of construction or rehabilitation of the Project, but does not include land acquisition, site preparation and similar costs incident to the commencement of acquisition, construction or rehabilitation of the Project. Preliminary expenditures may not exceed 20% of the Bond Funded Portion of the Project Funds.

5.21 Change in Use of the Project.

The Recipient reasonably expects to use all of the Bond Funded Portion of the Project Funds and the Project for the entire stated term to maturity of the Obligation. Absent an opinion of Nationally-Recognized Bond Counsel to the effect that such use of the Bond Funded Portion of the Project Funds will not adversely affect the exclusion from federal gross income of interest on the Bonds pursuant to Section 103 of the Code, the Recipient will use the Bond Funded Portion of the Project Funds and the Project solely as set forth in this Agreement.

5.22 Rebate Obligations.

If the Recipient satisfies the requirements of one of the spending exceptions to rebate specified in Section 1.148-7 of the Treasury Regulations, amounts earned from investments, if any, acquired with the Bond Funded Portion of the Project Funds will not be subject to the rebate requirements imposed under Section 148(f) of the Code. If the Recipient fails to satisfy such requirements for any period, it will notify the State Water Board and the Bank immediately and will comply with the provisions of the Code and the Treasury Regulations at such time, including the payment of any rebate amount calculated by the State Water Board or the Bank.

5.23 No Federal Guarantee.

The Recipient will not directly or indirectly use any of the Bond Funded Portion of the Project Funds in any manner that would cause the Bonds to be "federally guaranteed" within the meaning of Section 149(b) of the Code, taking into account various exceptions including any guarantee related to investments during an initial temporary period until needed for the governmental purpose of the Bonds, investments as part of a bona fide debt service fund, investments of a reasonably required reserve or replacement fund, investments in bonds issued by the United States Treasury, investments in refunding escrow funds or certain other investments permitted under the Treasury Regulations.

5.24 No Notices or Inquiries from IRS.

Within the last 10 years, the Recipient has not received any notice of a final action of the Internal Revenue Service that determines that interest paid or payable on any debt obligation of the Recipient is or was includable in the gross income of an owner or beneficial owner thereof for federal income tax purposes under the Code.

5.25 Amendments.

The provisions in this Article may be amended, modified or supplemented at any time to reflect changes in the Code upon obtaining written approval of the State Water Board and the Bank and an opinion of Nationally-Recognized Bond Counsel to the effect that such amendment, modification or supplement will not adversely affect the exclusion from federal gross income of interest on the Bonds pursuant to Section 103 of the Code.

5.26 Reasonable Expectations.

The Recipient warrants that, to the best of its knowledge, information and belief, and based on the facts and estimates as set forth in the tax covenants in this Article, the expectations of the Recipient as set forth in this Article are reasonable. The Recipient is not aware of any facts or circumstances that would cause it to question the accuracy or reasonableness of any representation made in the provisions in this Article V.

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.

CITY OF ROSEVILLE:

By: _____
Name: Dominick Casey
Title: City Manager

Date: _____

STATE WATER RESOURCES CONTROL BOARD:

By: _____
Name: Leslie Laudon
Title: Deputy Director
Division of Financial Assistance

Date: _____

EXHIBIT A – SCOPE OF WORK

1. Eligible Start Date. The Eligible Start Date is May 3, 2019.
2. Start of Construction Date. The Recipient agrees to start construction no later than the estimated date of February 15, 2020.
3. Completion of Construction Date. The Completion of Construction date is hereby established as February 10, 2022. The Recipient shall deliver any request for extension of the Completion of Construction date no less than 90 days prior to the Completion of Construction date.
4. Final Disbursement Request Date. The Recipient agrees to ensure that its final Request for Disbursement is received by the Division no later than August 10, 2022 , unless prior approval has been granted by the Division. Otherwise, the undisbursed balance of this Agreement will be deobligated.
5. Records Retention Date is February 10, 2058.
6. Incorporated Documents. Incorporated by reference into this Agreement are the following documents:
 - a. [Reserved];
 - b. the Waste Discharge Requirement Order No. R5-2014-0051 and National Pollutant Discharge Elimination System Permit No. CA0084573;
 - c. the Recipient's Reimbursement Resolution No. 17-427 dated October 4, 2017;
 - d. the Recipient's Tax Questionnaire dated September 29, 2017.
7. Reporting. Status Reports due at least quarterly.
8. Scope of Work.

PURPOSE

The Project will allow the Recipients Solid Waste Utility Division to comply with Assembly Bill (AB) 1826 that requires source separation of organics, as well as AB 341 that establishes State of California's recycling goals, and AB 1393 that is aimed at reducing greenhouse gas (GHG) emissions. The capturing of GHG emissions from digesters will provide a more sustainable energy source for Pleasant Grove Wastewater Treatment Plant (PGWWTP).

The purpose of the Energy Recovery Project is to utilize digester gas (DG) generated by anaerobic digesters constructed to offset PGWWTP's energy footprint. The selected Energy Recovery Project offers the following financial and environmental benefits:

- Reduced operating costs in comparison to running a boiler off DG
- Revenue from the sale of renewable natural gas (NG) as vehicle fuel
- Revenue from tipping fees charged for acceptance of high-strength waste (HSW)
- Reduction in electricity costs
- Potential revenue from the generation and sale of Low-Carbon Fuel Standard (LCFS) credits (California incentive)
- Potential revenue from the generation and sale of Renewable Identification Numbers (RINs) (federal incentive)

EXHIBIT A – SCOPE OF WORK

- Alignment with California's climate change initiatives related to renewable energy, recycling, short-lived climate pollutants, and low-carbon-intensity fuels
- A closed-loop project with a net reduction in GHG emissions
- A reduction in Roseville's Solid Waste fleet's GHG emissions and criteria pollutant emissions

SCOPE OF WORK

The Energy Recovery Project will be constructed south of the existing PGWWTP. The Recipient must complete the design, construction, and installation of equipment for the following:

- High Strength Waste (HSW)
- DG conditioning system
- DG separation system
- Fueling station
- Four microturbines

9. Signage.

The Recipient shall place a sign at least four feet tall by eight feet wide made of ¾ inch thick exterior grade plywood or other approved material in a prominent location on the Project site and shall maintain the sign in good condition for the duration of the construction period. The sign must include the following disclosure statement and color logos (available from the Division):



"Funding for this Pleasant Grove Wastewater Treatment Plant Expansion and Energy Recovery Project Phase 2 project has been provided in full or in part by the Clean Water State Revolving Fund through an agreement with the State Water Resources Control Board. California's Clean Water State Revolving Fund is capitalized through a variety of funding sources, including grants from the United States Environmental Protection Agency and state bond proceeds."

The Project sign may include another agency's required promotional information so long as the above logos and disclosure statement are equally prominent on the sign. The sign shall be prepared in a professional manner.

The Recipient shall include the following disclosure statement in any document, written report, or brochure prepared in whole or in part pursuant to this Agreement:

"Funding for this project has been provided in full or in part through an agreement with the State Water Resources Control Board. California's Clean Water State Revolving Fund is capitalized through a variety of funding sources, including grants from the United States Environmental Protection Agency and state bond proceeds. The contents of this document do not necessarily reflect the views and policies of the foregoing, nor does mention of trade names or commercial products constitute endorsement or recommendation for use."

EXHIBIT B – FUNDING AMOUNT

1. **Estimated Reasonable Cost.** The estimated reasonable cost of the total Project, including associated planning and design costs is thirty-two million seven hundred forty-eight thousand eight hundred twenty four dollars and no cents (\$32,748,824.00).
2. **Project Financing.** Subject to the terms of this Agreement, the State Water Board agrees to provide Project Funds in the amount of up to thirty-two million seven hundred forty-eight thousand eight hundred twenty four dollars and no cents (\$32,748,824.00). A portion of this amount four million dollars and no cents (\$4,000,000.00) is anticipated to be forgiven. The estimated amount of principal that will be due to the State Water Board under this Agreement is twenty-eight million seven hundred forty-eight thousand eight hundred twenty four dollars and no cents (\$28,748,824.00).
3. **Payment, Interest Rate, and Charges.** The Recipient agrees to make all Installment Payments according to the schedule in Exhibit C at an interest rate of one three tenths percent (1.3%) per annum. In lieu of, and not to exceed, interest otherwise due under this Agreement, the Recipient agrees to pay the following charge(s), as further set forth in Exhibit C:
 - an Administrative Service Charge
 - a Small Community Grant Fund Charge
4. **Contingent Principal Forgiveness.** Contingent on the Recipient's performance of its obligations under this Agreement, the State Water Board agrees to forgive up to four million dollars and no cents (\$4,000,000.00) of the principal under this Agreement.
5. **Useful Life.** The useful life of this Project is at least thirty (30) years.
6. **The Final Repayment Date** is February 10, 2052.
7. **Budget costs** are contained in the Project Cost Table, which is part of Exhibit A-FBA. This Agreement will be amended to incorporate Exhibit A-FBA.
8. **Preliminary budget costs** are as follows:

Planning and design allowances: \$2,079,026

Construction costs and disbursements are not available until after this Agreement has been amended to incorporate Exhibit A-FBA. Construction costs incurred prior to the Eligible Start Date are not eligible for reimbursement. Failure to begin construction according to the timelines set forth in Exhibit A may require the Recipient to repay to the State Water Board all disbursed Project Funds, including planning and design allowances.

EXHIBIT C – PAYMENT SCHEDULE

See the attached preliminary Payment Schedule. The final Payment Schedule will be forwarded to the Recipient after all disbursements have been paid and construction of the Project has been completed.

California CWSRF Payment Schedule

Principal is paid over: 30 Years
Interest rate: 1.30000%

Project No. 8215-210 - Roseville, City of
Agreement: D1901012 - based on Actual + Projected Disbursements

Pleasant Grove Wastewater Treatment Plant Expansion and Energy Recovery Project phase 2

Ref Num	Due Date	Date Received	Principal Payment	Interest Rate%	Interest Payment	Total P and I Payment	Total Payment	Ending Balance	CPI Interest
1	2/10/2023		648,133.17	1.300	250,902.03	899,035.20	899,035.20	21,605,578.59	0.00
2	2/10/2024		749,337.57	1.300	308,279.72	1,057,617.29	1,057,617.29	24,689,415.91	0.00
3	2/10/2025		828,470.17	1.300	342,629.05	1,171,099.22	1,171,099.22	26,522,883.09	0.00
4	2/10/2026		826,301.74	1.300	344,797.48	1,171,099.22	1,171,099.22	25,696,581.35	0.00
5	2/10/2027		837,043.66	1.300	334,055.56	1,171,099.22	1,171,099.22	24,859,537.69	0.00
6	2/10/2028		847,925.23	1.300	323,173.99	1,171,099.22	1,171,099.22	24,011,612.46	0.00
7	2/10/2029		858,948.26	1.300	312,150.96	1,171,099.22	1,171,099.22	23,152,664.20	0.00
8	2/10/2030		870,114.59	1.300	300,984.63	1,171,099.22	1,171,099.22	22,282,549.61	0.00
9	2/10/2031		881,426.08	1.300	289,673.14	1,171,099.22	1,171,099.22	21,401,123.53	0.00
10	2/10/2032		892,884.61	1.300	278,214.61	1,171,099.22	1,171,099.22	20,508,238.92	0.00
11	2/10/2033		904,492.11	1.300	266,607.11	1,171,099.22	1,171,099.22	19,603,746.81	0.00
12	2/10/2034		916,250.51	1.300	254,848.71	1,171,099.22	1,171,099.22	18,687,496.30	0.00
13	2/10/2035		928,161.77	1.300	242,937.45	1,171,099.22	1,171,099.22	17,759,334.53	0.00
14	2/10/2036		940,227.87	1.300	230,871.35	1,171,099.22	1,171,099.22	16,819,106.66	0.00
15	2/10/2037		952,450.83	1.300	218,648.39	1,171,099.22	1,171,099.22	15,866,655.83	0.00
16	2/10/2038		964,832.69	1.300	206,266.53	1,171,099.22	1,171,099.22	14,901,823.14	0.00
17	2/10/2039		977,375.52	1.300	193,723.70	1,171,099.22	1,171,099.22	13,924,447.62	0.00
18	2/10/2040		990,081.40	1.300	181,017.82	1,171,099.22	1,171,099.22	12,934,366.22	0.00
19	2/10/2041		1,002,952.46	1.300	168,146.76	1,171,099.22	1,171,099.22	11,931,413.76	0.00
20	2/10/2042		1,015,990.84	1.300	155,108.38	1,171,099.22	1,171,099.22	10,915,422.92	0.00
21	2/10/2043		1,029,198.72	1.300	141,900.50	1,171,099.22	1,171,099.22	9,886,224.20	0.00
22	2/10/2044		1,042,578.31	1.300	128,520.91	1,171,099.22	1,171,099.22	8,843,645.89	0.00
23	2/10/2045		1,056,131.82	1.300	114,967.40	1,171,099.22	1,171,099.22	7,787,514.07	0.00
24	2/10/2046		1,069,861.54	1.300	101,237.68	1,171,099.22	1,171,099.22	6,717,652.53	0.00
25	2/10/2047		1,083,769.74	1.300	87,329.48	1,171,099.22	1,171,099.22	5,633,882.79	0.00
26	2/10/2048		1,097,858.74	1.300	73,240.48	1,171,099.22	1,171,099.22	4,536,024.05	0.00
27	2/10/2049		1,112,130.91	1.300	58,968.31	1,171,099.22	1,171,099.22	3,423,893.14	0.00
28	2/10/2050		1,126,588.61	1.300	44,510.61	1,171,099.22	1,171,099.22	2,297,304.53	0.00
29	2/10/2051		1,141,234.26	1.300	29,864.96	1,171,099.22	1,171,099.22	1,156,070.27	0.00
30	2/10/2052		1,156,070.27	1.300	15,028.91	1,171,099.18	1,171,099.18	0.00	0.00
			28,748,824.00		5,998,606.61	34,747,430.61	34,747,430.61		0.00

EXHIBIT D – SPECIAL CONDITIONS

Recipient acknowledges and agrees to the following special conditions:

Environmental:

The documents identified below are incorporated by reference and the Recipient shall comply with the conditions and recommendations therein:

1. The adopted November 7, 2018 Mitigation Monitoring and Reporting Program, including, but not limited to, the following mitigation measures:

- 3.4-1 for biological resources, and
- 3.5-1 and 3.5-2 for cultural resources

The Recipient shall make no changes in the Project, construction area, or Special Conditions, without obtaining the appropriate and necessary prior approval(s) from the State Water Board.

REPORTING TO THE STATE WATER BOARD

1. In its status reports submitted pursuant to this Agreement, the Recipient shall include a discussion of the status of its compliance with environmental measures identified in this Exhibit D.
2. In its Project Completion Report submitted pursuant to this Agreement, the Recipient shall include a discussion of compliance with environmental measures identified in this Exhibit D.

Legal:

1. As a condition precedent to this Agreement, the Recipient must deliver an opinion of bond counsel and general counsel satisfactory to the State Water Board's counsel.
2. As a condition precedent to this Agreement, the Recipient must deliver to the Division a resolution authorizing this Agreement.

EXHIBIT E – PROGRAMMATIC CONDITIONS & CROSS-CUTTERS

The Recipient agrees to comply with the following federal conditions:

(A) Federal Award Conditions

- (1) American Iron and Steel. Unless the Recipient has obtained a waiver from USEPA on file with the State Water Board or unless this Project is not a project for the construction, alteration, maintenance or repair of a public water system or treatment work, the Recipient shall not purchase "iron and steel products" produced outside of the United States on this Project. Unless the Recipient has obtained a waiver from USEPA on file with the State Water Board or unless this Project is not a project for the construction, alteration, maintenance or repair of a public water system or treatment work, the Recipient hereby certifies that all "iron and steel products" used in the Project were or will be produced in the United States. For purposes of this section, the term "iron and steel products" means the following products made primarily of iron or steel: lined or unlined pipes and fittings, manhole covers and other municipal castings, hydrants, tanks, flanges, pipe clamps and restraints, valves, structural steel, reinforced precast concrete, and construction materials. "Steel" means an alloy that includes at least 50 percent iron, between .02 and 2 percent carbon, and may include other elements.
- (2) Wage Rate Requirements (Davis-Bacon). The Recipient shall include in full the language provided in Exhibit G of this Agreement in all contracts and subcontracts.
- (3) Signage Requirements. The Recipient shall comply with the USEPA's Guidelines for Enhancing Public Awareness of SRF Assistance Agreements, dated June 3, 2015, as otherwise specified in this Agreement.
- (4) Public or Media Events. The Recipient shall notify the State Water Board and the EPA contact as provided in the notice provisions of this Agreement of public or media events publicizing the accomplishment of significant events related to this Project and provide the opportunity for attendance and participation by federal representatives with at least ten (10) working days' notice.
- (5) EPA General Terms and Conditions (USEPA GTCs). The Recipient shall comply with applicable EPA general terms and conditions found at <http://www.epa.gov/ogd>, including but not limited to the following:
 - (a) DUNS. No Recipient may receive funding under this Agreement unless it has provided its DUNS number to the State Water Board.
 - (b) Executive Compensation. The Recipient shall report the names and total compensation of each of its five most highly compensated executives for the preceding completed fiscal year, as set forth in the USEPA GTCs.
 - (c) Federal Exclusion or Disqualification. The Recipient represents and warrants that it and its principals are not excluded or disqualified from participating in this transaction as such terms are defined in Parts 180 and 1532 of Title 2 of the Code of Federal Regulations (2 CFR). If the Recipient is excluded after execution of this Agreement, the Recipient shall notify the Division within ten (10) days and shall inform the Division of the Recipient's exclusion in any request for amendment of this Agreement. The Recipient shall comply with Subpart C of Part 180 of 2 CFR, as supplemented by Subpart C of Part 1532 of 2 CFR. Such compliance is a condition precedent to the State Water Board's performance of its obligations under this Agreement. When entering into a covered transaction

EXHIBIT E – PROGRAMMATIC CONDITIONS & CROSS-CUTTERS

as defined in Parts 180 and 1532 of 2 CFR, the Recipient shall require the other party to the covered transaction to comply with Subpart C of Part 180 of 2 CFR, as supplemented by Subpart C of Part 1532 of 2 CFR.

- (d) Conflict of Interest. To the extent applicable, the Recipient shall disclose to the State Water Board any potential conflict of interest consistent with USEPA's Final Financial Assistance Conflict of Interest Policy at <https://www.epa.gov/grants/epas-final-financial-assistance-conflict-interest-policy>. A conflict of interest may result in disallowance of costs.
- (e) Copyright and Patent.
 - i. USEPA and the State Water Board have the right to reproduce, publish, use and authorize others to reproduce, publish and use copyrighted works or other data developed under this assistance agreement.
 - ii. Where an invention is made with Project Funds, USEPA and the State Water Board retain the right to a worldwide, nonexclusive, nontransferable, irrevocable, paid-up license to practice the invention owned by the Recipient. The Recipient must utilize the Interagency Edison extramural invention reporting system at <http://iEdison.gov> and shall notify the Division when an invention report, patent report, or utilization report is filed.
- (f) Credit. The Recipient agrees that any reports, documents, publications or other materials developed for public distribution supported by this Agreement shall contain the following statement:

“This project has been funded wholly or in part by the United States Environmental Protection Agency and the State Water Resources Control Board. The contents of this document do not necessarily reflect the views and policies of the Environmental Protection Agency or the State Water Resources Control Board, nor does the EPA or the Board endorse trade names or recommend the use of commercial products mentioned in this document.”
- (g) Electronic and Information Technology Accessibility. The Recipient is encouraged to follow guidelines established under Section 508 of the Rehabilitation Act, codified at 36 CFR Part 1194, with respect to enabling individuals with disabilities to participate in its programs supported by this Project.
- (h) Trafficking in Persons. The Recipient, its employees, contractors and subcontractors and their employees may not engage in severe forms of trafficking in persons, procure a commercial sex act during the term of this Agreement, or use forced labor in the performance of this Agreement. The Recipient must include this provision in its contracts and subcontracts under this Agreement. The Recipient must inform the State Water Board immediately of any information regarding a violation of the foregoing. The Recipient understands that failure to comply with this provision may subject the State Water Board to loss of federal funds. The Recipient agrees to compensate the State Water Board for any such funds lost due to its failure to comply with this condition, or the failure of its contractors or subcontractors to comply with this condition. The State Water Board may unilaterally terminate this Agreement if the Recipient that is a private entity is determined to have violated the foregoing. Trafficking Victims Protection Act of 2000.

EXHIBIT E – PROGRAMMATIC CONDITIONS & CROSS-CUTTERS

(B) Super Cross-Cutters - Civil Rights Obligations. The Recipient must comply with the following federal non-discrimination requirements:

- (1) Title VI of the Civil Rights Act of 1964, which prohibits discrimination based on race, color, and national origin, including limited English proficiency (LEP).
- (2) Section 504 of the Rehabilitation Act of 1973, which prohibits discrimination against persons with disabilities.
- (3) The Age Discrimination Act of 1975, which prohibits age discrimination.
- (4) Section 13 of the Federal Water Pollution Control Act Amendments of 1972, which prohibits discrimination on the basis of sex.
- (5) 40 CFR Part 7, as it relates to the foregoing.

(C) WRRDA Conditions

- (1) Architectural and engineering contracts. Where the Recipient contracts for program management, construction management, feasibility studies, preliminary engineering, design, engineering, surveying, mapping, or architectural related services, the Recipient shall ensure that any such contract is negotiated in the same manner as a contract for architectural and engineering services is negotiated under chapter 11 of title 40, United States Code, or an equivalent State qualifications-based requirement as determined by the State Water Board.
- (2) Fiscal sustainability. The Recipient certifies that it has developed and is implementing a fiscal sustainability plan for the Project that includes an inventory of critical assets that are a part of the Project, an evaluation of the condition and performance of inventoried assets or asset groupings, a certification that the recipient has evaluated and will be implementing water and energy conservation efforts as part of the plan, and a plan for maintaining, repairing, and, as necessary, replacing the Project and a plan for funding such activities.

(D) Cross-Cutters

- 1) Executive Order No. 11246. The Recipient shall include in its contracts and subcontracts related to the Project the following provisions:

"During the performance of this contract, the contractor agrees as follows: "(a) The contractor will not discriminate against any employee or applicant for employment because of race, creed, color, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, creed, color, or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.

"(b) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, creed, color, or national origin.

EXHIBIT E – PROGRAMMATIC CONDITIONS & CROSS-CUTTERS

"(c) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer, advising the labor union or workers' representative of the contractor's commitments under Section 202 of Executive Order No. 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

"(d) The contractor will comply with all provisions of Executive Order No. 11246 of Sept. 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

"(e) The contractor will furnish all information and reports required by Executive Order No. 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

"(f) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be cancelled, terminated or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order No. 11246 of Sept 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order No. 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

"(g) The contractor will include the provisions of Paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order No. 11246 of Sept. 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the contracting agency may direct as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, That in the event the contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the contracting agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States."

- (2) Disadvantaged Business Enterprises (40 CFR Part 33). The Recipient agrees to comply with the requirements of USEPA's Program for Utilization of Small, Minority and Women's Business Enterprises. The DBE rule can be accessed at www.epa.gov/osbp . The Recipient shall comply with, and agrees to require its prime contractors to comply with 40 CFR Section 33.301, and retain all records documenting compliance with the six good faith efforts. (IUP)
- (3) Procurement Prohibitions under Section 306 of the Clean Air Act and Section 508 of the Clean Water Act, including Executive Order 11738, Administration of the Clean Air Act and the Federal Water Pollution Control Act with Respect to Federal Contracts, Grants, or Loans; 42 USC § 7606; 33 USC § 1368. Except where the purpose of this Agreement is to remedy the cause of the violation, the Recipient may not procure goods, services, or materials from suppliers excluded under the federal System for Award Management: <http://www.sam.gov/> .
- (4) Uniform Relocation and Real Property Acquisition Policies Act, Pub. L. 91-646, as amended; 42 USC §§4601-4655. The Recipient must comply with the Act's implementing regulations at 49 CFR 24.101 through 24.105.

EXHIBIT E – PROGRAMMATIC CONDITIONS & CROSS-CUTTERS

- (5) The Recipient agrees that if its network or information system is connected to USEPA networks to transfer data using systems other than the Environmental Information Exchange Network or USEPA's Central Data Exchange, it will ensure that any connections are secure.

(E) Geospatial Data Standards

All geospatial data created pursuant to this Agreement that is submitted to the State Water Board for use by USEPA or that is submitted directly to USEPA must be consistent with Federal Geographic Data Committee endorsed standards. Information on these standards may be found at www.fgdc.gov.

EXHIBIT F – SCHEDULE OF SYSTEM OBLIGATIONS

Except for the following and the Obligation evidenced by this Agreement, the Recipient certifies that it has no outstanding System Obligations or Other Material Obligations, and that it is in compliance with all applicable additional debt provisions of the following:

The following outstanding debt is senior to the Obligation:

Title
None

The following outstanding debt is on parity with the Obligation:

Title
Amended and Restated Funding Agreement Relating to the South Placer Regional Wastewater Facilities, dated as of October 1, 2012, by and between the City of Roseville and the South Placer Wastewater Authority for the purposes of securing the Recipient's portion of the following debts of the South Placer Wastewater Authority: SWAP – Morgan Stanley, 2011C – BNY, 2013 – US Bank, and 2017 – US Bank.

The following outstanding debt is subordinate to the Obligation:

Title
None

EXHIBIT G – DAVIS BACON REQUIREMENTS

For purposes of this Exhibit only, “subrecipient” or “sub recipient” means the Recipient as defined in this Agreement.

For purposes of this Exhibit only, “recipient” or “State recipient” means the State Water Board.

I. Requirements Under The Water Resources Reform and Development Act of 2014 (WRRDA) For Sub recipients That Are Governmental Entities:

If a sub recipient has questions regarding when DB applies, obtaining the correct DB wage determinations, DB provisions, or compliance monitoring, it may contact the State Water Board at DavisBacon@waterboards.ca.gov or phone (916) 327-7323. The recipient or sub recipient may also obtain additional guidance from DOL’s website at <http://www.dol.gov/whd/>.

1. Applicability of the Davis- Bacon (DB) prevailing wage requirements.

Under the Water Resources Reform and Development Act of 2014 (WRRDA), DB prevailing wage requirements apply to the construction, alteration, and repair of treatment works carried out in whole or in part with assistance made available by a State water pollution control revolving fund. If a sub recipient encounters a unique situation at a site that presents uncertainties regarding DB applicability, the sub recipient must discuss the situation with the recipient State before authorizing work on that site.

2. Obtaining Wage Determinations.

(a) Sub recipients shall obtain the wage determination for the locality in which a covered activity subject to DB will take place prior to issuing requests for bids, proposals, quotes or other methods for soliciting contracts (solicitation) for activities subject to DB. These wage determinations shall be incorporated into solicitations and any subsequent contracts. Prime contracts must contain a provision requiring that subcontractors follow the wage determination incorporated into the prime contract.

(i) While the solicitation remains open, the sub recipient shall monitor www.wdol.gov weekly to ensure that the wage determination contained in the solicitation remains current. The sub recipients shall amend the solicitation if DOL issues a modification more than 10 days prior to the closing date (i.e. bid opening) for the solicitation. If DOL modifies or supersedes the applicable wage determination less than 10 days prior to the closing date, the sub recipients may request a finding from the State recipient that there is not a reasonable time to notify interested contractors of the modification of the wage determination. The State recipient will provide a report of its findings to the sub recipient.

(ii) If the sub recipient does not award the contract within 90 days of the closure of the solicitation, any modifications or supersedes DOL makes to the wage determination contained in the solicitation shall be effective unless the State recipient, at the request of the sub recipient, obtains an extension of the 90 day period from DOL pursuant to 29 CFR 1.6(c)(3)(iv). The sub recipient shall monitor www.wdol.gov on a weekly basis if it does not award the contract within 90 days of closure of the solicitation to ensure that wage determinations contained in the solicitation remain current.

(b) If the sub recipient carries out activity subject to DB by issuing a task order, work assignment or similar instrument to an existing contractor (ordering instrument) rather than by publishing a solicitation, the sub recipient shall insert the appropriate DOL wage determination from www.wdol.gov into the ordering instrument.

(c) Sub recipients shall review all subcontracts subject to DB entered into by prime contractors to verify that the prime contractor has required its subcontractors to include the applicable wage determinations.

(d) As provided in 29 CFR 1.6(f), DOL may issue a revised wage determination applicable to a sub recipient’s contract after the award of a contract or the issuance of an ordering instrument if DOL determines that the sub recipient has failed to incorporate a wage determination or has used a wage determination that clearly does not apply to the contract or

EXHIBIT G – DAVIS BACON REQUIREMENTS

ordering instrument. If this occurs, the sub recipient shall either terminate the contract or ordering instrument and issue a revised solicitation or ordering instrument or incorporate DOL's wage determination retroactive to the beginning of the contract or ordering instrument by change order. The sub recipient's contractor must be compensated for any increases in wages resulting from the use of DOL's revised wage determination.

3. Contract and Subcontract provisions.

- (a) The Recipient shall insure that the sub recipient(s) shall insert in full in any contract in excess of \$2,000 which is entered into for the actual construction, alteration and/or repair, including painting and decorating, of a treatment work under the CWSRF - financed in whole or in part from Federal funds or in accordance with guarantees of a Federal agency or financed from funds obtained by pledge of any contract of a Federal agency to make a loan, grant or annual contribution (except where a different meaning is expressly indicated), and which is subject to the labor standards provisions of any of the acts listed in § 5.1 or FY 2014 Water Resource Reform and Development Act, the following clauses:

(1) Minimum wages.

- (i) All laborers and mechanics employed or working upon the site of the work will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (a)(1)(iv) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in § 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided that the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph (a)(1)(ii) of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

Sub recipients may obtain wage determinations from the U.S. Department of Labor's web site, www.dol.gov.

- (ii) (A) The sub recipient(s), on behalf of EPA, shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The State award official shall approve a request for an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

EXHIBIT G – DAVIS BACON REQUIREMENTS

- 1 The work to be performed by the classification requested is not performed by a classification in the wage determination; and
 - 2 The classification is utilized in the area by the construction industry; and
 - 3 The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.
- (B) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the sub recipient(s) agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), documentation of the action taken and the request, including the local wage determination shall be sent by the sub recipient (s) to the State award official. The State award official will transmit the request, to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210 and to the EPA DB Regional Coordinator concurrently. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification request within 30 days of receipt and so advise the State award official or will notify the State award official within the 30-day period that additional time is necessary.
- (C) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the sub recipient(s) do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the award official shall refer the request and the local wage determination, including the views of all interested parties and the recommendation of the State award official, to the Administrator for determination. The request shall be sent to the EPA DB Regional Coordinator concurrently. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt of the request and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.
- (D) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs (a)(1)(ii)(B) or (C) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.
- (iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.
 - (iv) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.
- (2) Withholding. The sub recipient(s), shall upon written request of the EPA Award Official or an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and

EXHIBIT G – DAVIS BACON REQUIREMENTS

mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the (Agency) may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

(3) Payrolls and basic records.

(i) Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

(ii) (A) The contractor shall submit weekly, for each week in which any contract work is performed, a copy of all payrolls to the sub recipient, that is, the entity that receives the sub-grant or loan from the State capitalization grant recipient. Such documentation shall be available on request of the State recipient or EPA. As to each payroll copy received, the sub recipient shall provide written confirmation in a form satisfactory to the State indicating whether or not the project is in compliance with the requirements of 29 CFR 5.5(a)(1) based on the most recent payroll copies for the specified week. The payrolls shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on the weekly payrolls. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <https://www.dol.gov/whd/forms/index.htm> or its successor site.

The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the sub recipient(s) for transmission to the State or EPA if requested by EPA, the State, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security

EXHIBIT G – DAVIS BACON REQUIREMENTS

numbers to the prime contractor for its own records, without weekly submission to the sub recipient(s).

(B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

- 1 That the payroll for the payroll period contains the information required to be provided under § 5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under § 5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;
- 2 That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;
- 3 That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph (a)(3)(ii)(B) of this section.

(D) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

- (iii) The contractor or subcontractor shall make the records required under paragraph (a)(3)(i) of this section available for inspection, copying, or transcription by authorized representatives of the State, EPA or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the Federal agency or State may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

(4) Apprentices and trainees

- (i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage

EXHIBIT G – DAVIS BACON REQUIREMENTS

rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or sub contractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

- (ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

- (iii) Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment

EXHIBIT G – DAVIS BACON REQUIREMENTS

opportunity requirements of Executive Order 11246, as amended and 29 CFR part 30.

- (5) Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.
 - (6) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses contained in 29 CFR 5.5(a)(1) through (10) and such other clauses as the EPA determines may be appropriate, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.
 - (7) Contract termination; debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.
 - (8) Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.
 - (9) Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and sub recipient(s), State, EPA, the U.S. Department of Labor, or the employees or their representatives.
 - (10) Certification of eligibility.
 - (i) By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
 - (ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
 - (iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.
- 4. Contract Provision for Contracts in Excess of \$100,000.**
- (a) Contract Work Hours and Safety Standards Act. The sub recipient shall insert the following clauses set forth in paragraphs (a)(1), (2), (3), and (4) of this section in full in any contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by Item 3, above or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.
 - (1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
 - (2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (a)(1) of this section the contractor and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with

EXHIBIT G – DAVIS BACON REQUIREMENTS

respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (a)(1) of this section, in the sum of \$25 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (a)(1) of this section.

- (3) Withholding for unpaid wages and liquidated damages. The sub recipient, upon written request of the EPA Award Official or an authorized representative of the Department of Labor, shall withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.
- (4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (a)(1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (a)(1) through (4) of this section.
- (b) In addition to the clauses contained in Item 3, above, in any contract subject only to the Contract Work Hours and Safety Standards Act and not to any of the other statutes cited in 29 CFR 5.1, the Sub recipient shall insert a clause requiring that the contractor or subcontractor shall maintain payrolls and basic payroll records during the course of the work and shall preserve them for a period of three years from the completion of the contract for all laborers and mechanics, including guards and watchmen, working on the contract. Such records shall contain the name and address of each such employee, social security number, correct classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid. Further, the Sub recipient shall insert in any such contract a clause providing that the records to be maintained under this paragraph shall be made available by the contractor or subcontractor for inspection, copying, or transcription by authorized representatives of the (write the name of agency) and the Department of Labor, and the contractor or subcontractor will permit such representatives to interview employees during working hours on the job.

5. Compliance Verification

- (a) The sub recipient shall periodically interview a sufficient number of employees entitled to DB prevailing wages (covered employees) to verify that contractors or subcontractors are paying the appropriate wage rates. As provided in 29 CFR 5.6(a)(3), all interviews must be conducted in confidence. The sub recipient must use Standard Form 1445 (SF 1445) or equivalent documentation to memorialize the interviews. Copies of the SF 1445 are available from EPA on request.
- (b) The sub recipient shall establish and follow an interview schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. Sub recipients must conduct more frequent interviews if the initial interviews or other information indicated that there is a risk that the contractor or subcontractor is not complying with DB.
Sub recipients shall immediately conduct interviews in response to an alleged violation of the prevailing wage requirements. All interviews shall be conducted in confidence.
- (c) The sub recipient shall periodically conduct spot checks of a representative sample of weekly payroll data to verify that contractors or subcontractors are paying the appropriate wage rates. The sub recipient shall establish and follow a spot check schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. At a minimum, if practicable, the sub recipient should spot check payroll data within two weeks of each contractor or subcontractor's

EXHIBIT G – DAVIS BACON REQUIREMENTS

- submission of its initial payroll data and two weeks prior to the completion date the contract or subcontract. Sub recipients must conduct more frequent spot checks if the initial spot check or other information indicates that there is a risk that the contractor or subcontractor is not complying with DB. In addition, during the examinations the sub recipient shall verify evidence of fringe benefit plans and payments there under by contractors and subcontractors who claim credit for fringe benefit contributions.
- (d) The sub recipient shall periodically review contractors and subcontractor's use of apprentices and trainees to verify registration and certification with respect to apprenticeship and training programs approved by either the U.S Department of Labor or a state, as appropriate, and that contractors and subcontractors are not using disproportionate numbers of, laborers, trainees and apprentices. These reviews shall be conducted in accordance with the schedules for spot checks and interviews described in Item 5(b) and (c) above.
 - (e) Sub recipients must immediately report potential violations of the DB prevailing wage requirements to the EPA DB contact listed above and to the appropriate DOL Wage and Hour District Office listed at <https://www.dol.gov/whd/local/>.

EXHIBIT H – COMPLIANCE WITH CROSS-CUTTING STATE AUTHORITIES

1. CALIFORNIA DEBT INVESTMENT ADVISORY COMMISSION (CDIAC)

Where Recipient is a public entity, Recipient acknowledges its responsibility to file debt obligations with the CDIAC. Recipient understands that CDIAC has waived filing fees for State Water Board SRF debt.

2. COMPLIANCE WITH STATE REQUIREMENTS

Recipient represents that it complies with the following conditions precedent and shall continue to maintain compliance:

(1) Water Conservation

The Recipient certifies that it complies with and shall continue to comply with any applicable water conservation requirements, including regulations in Division 3 of Title 23 of the California Code of Regulations.

(2) Monthly Water Diversion Reporting

If Recipient is a water diverter, Recipient must maintain compliance with Water Code section 5103, subdivision (e)(2)(A) by submitting monthly diversion reports to the Division of Water Rights of the State Water Resources Control Board.

(3) Public Works Contractor Registration with Department Of Industrial Relations

To bid for public works contracts, Recipient and Recipient's subcontractors must register with the Department of Industrial Relations as required by Labor Code sections 1725.5 and 1771.1.

(4) Volumetric Pricing & Water Meters

If Recipient is an "urban water supplier" as defined by Water Code section 10617, Recipient must charge each customer for actual water volume measured by water meter according to the requirements of Water Code sections 526 and 527. Section 527 further requires that such suppliers not subject to section 526 install water meters on all municipal and industrial service connections within their service area by 2025.

(5) Urban Water Management Plan

If Recipient is an "urban water supplier" as defined by Water Code section 10617, the Recipient certifies that this Project complies with the Urban Water Management Planning Act (Water Code, § 10610 et seq.). This shall constitute a condition precedent to this Agreement.

(6) Urban Water Demand Management

If Recipient is an "urban water supplier" as defined by Water Code section 10617, Recipient must comply with water conservation measures established by SBx7-7. (Water Code, Sec. 10608.56.)

(7) Delta Plan Consistency Findings

If Recipient is a state or local public agency and the proposed action is covered by the Delta Plan, Recipient must submit certification of project consistency with the Delta Plan to the Delta Stewardship Council according to the requirements of Water Code section 85225 and California Code of Regulations, title 23, section 5002.

EXHIBIT H – COMPLIANCE WITH CROSS-CUTTING STATE AUTHORITIES

(8) Agricultural Water Management Plan Consistency

If Recipient is an agricultural water supplier as defined by Water Code section 10608.12, Recipient must comply with Agricultural Water Management Planning requirements as mandated by Water Code section 10852.

(9) Charter City Project Labor Requirements

If Recipient is a charter city as defined in Labor Code section 1782, subdivision (d)(2), Recipient will comply with the requirements of Labor Code section 1782 and Public Contract Code section 2503 as discussed in the following subparts (1) and (2).

(a) Prevailing Wage

Recipient certifies that it is eligible for state funding assistance notwithstanding Labor Code section 1782.

Specifically Recipient certifies that no charter provision nor ordinance authorizes a construction project contractor not to comply with Labor Code's prevailing wage rate requirements, nor, within the prior two years (starting from January 1, 2015 or after) has the city awarded a public works contract without requiring the contractor to comply with such wage rate requirements according to Labor Code section 1782.

(b) Labor Agreements

Recipient certifies that no charter provision, initiative, or ordinance limits or constrains the city's authority or discretion to adopt, require, or utilize project labor agreements that include all the taxpayer protection antidiscrimination provisions of Public Contract Code section 2500 in construction projects, and that Recipient is accordingly eligible for state funding or financial assistance pursuant to Public Contract Code section 2503.

Exhibit C

Reimbursement Resolution

RESOLUTION NO. 17-427

APPROVING A REIMBURSEMENT RESOLUTION

WHEREAS, the City of Roseville ("City") desires to finance the costs of constructing and/or reconstructing certain public facilities and improvements relating to its water and wastewater system, including certain treatment facilities, pipelines and other infrastructure ("Project"); and

WHEREAS, the City intends to finance the construction and/or reconstruction of the Project or portions of the Project with moneys ("Project Funds") provided by the State of California, acting by and through the State Water Resources Control Board (State Water Board); and

WHEREAS, the State Water Board may fund the Project Funds with proceeds from the sale of obligations the interest upon which is excluded from gross income for federal income tax purposes ("Obligations"), and

WHEREAS, prior to either the issuance of the Obligations or the approval by the State Water Board of the Project Funds the City desires to incur certain capital expenditures (the "Expenditures") with respect to the Project from available moneys of the City; and

WHEREAS, the City has determined that those moneys to be advanced on and after the date hereof to pay the Expenditures are available only for a temporary period and it is necessary to reimburse the City for the Expenditures from the proceeds of the Obligations.

NOW, THEREFORE, THE COUNCIL OF THE CITY OF ROSEVILLE DOES HEREBY RESOLVE, ORDER AND DETERMINE AS FOLLOWS:

SECTION 1. The City hereby states its intention and reasonably expects to reimburse Expenditures paid prior to the issuance of the Obligations or the approval by the State Water Board of the Project Funds.

SECTION 2. The reasonably expected maximum principal amount of the Project Funds is \$118,311,668.00.

SECTION 3. This resolution is being adopted no later than 60 days after the date on which the City will expend moneys for the construction portion of the Project costs to be reimbursed with Project Funds.

SECTION 4. Each City expenditure will be of a type properly chargeable to a capital account under general federal income tax principles.

SECTION 5. To the best of our knowledge, the City is not aware of the previous adoption of official intents by the City that have been made as a matter of course for the purpose of reimbursing expenditures and for which tax-exempt obligations have not been issued.

SECTION 6. This resolution is adopted as official intent of the City in order to comply with Treasury Regulation §1.150-2 and any other regulations of the Internal Revenue Service relating to the qualification for reimbursement of Project costs.

PASSED AND ADOPTED by the Council of the City of Roseville this 4th day of October, 2017, by the following vote on roll call:

AYES COUNCILMEMBERS: Gore, Alvord, Herman, Allard, Rohan

NOES COUNCILMEMBERS: None

ABSENT COUNCILMEMBERS: None



MAYOR

ATTEST:


City Clerk



COUNCIL COMMUNICATION

CC # 8797
File # 0900 02 02 2

Title	Pleasant Grove Wastewater Treatment Plant Expansion and Energy Recovery Project – Reimbursement Resolution
Contact	George Hanson 916 746 1764 ghanson@roseville.ca.us

Meeting Date 10/4/2017
Item # 7 9

RECOMMENDATION TO COUNCIL

Staff recommends the City Council approve and adopt the attached Reimbursement Resolution (Resolution) for the Clean Water State Revolving Fund (CWSRF) Loan Application. The Resolution will certify that the City may utilize a portion of its funds for advance payments towards the construction of the Pleasant Grove Wastewater Treatment Plant Expansion and Energy Recovery Project (the Project) and upon receipt of funding from the CWSRF Loan Program, the funds will be applied solely towards reimbursement of the City's funds that served as an advance for funding portions of the Project.

BACKGROUND

The City of Roseville owns and operates the Pleasant Grove Wastewater Treatment Plant (PGWWTP) on behalf of the South Placer Wastewater Authority (SPWA) partner agencies.

The Environmental Utilities Department (EUD) is planning a project to increase the treatment capacity of the existing Pleasant Grove Wastewater Treatment Plant from 9.5 to 12 million gallons per day. Upon completion, the project is expected to provide sufficient capacity to accommodate growth within the South Placer Wastewater Authority (SPWA) service area through 2040. Additionally, the EUD is concurrently working on the design and construction of energy recovery facilities (Energy Recovery Project) that would utilize digester gas produced by new treatment capabilities constructed as part of the Project.

Construction of the projects would span a two to three year period and are anticipated to begin simultaneously either in spring or summer of 2018.

As part of the project financing plan, Staff is working to secure a CWSRF loan on behalf of the SPWA. The total loan amount being requested is \$118,311,668 which constitutes costs for the following services: construction, design, engineering, construction management, legal services, and administration for the Project. The Loan is administered by the State Water Resources Control Board (SWRCB). Although this level of funding would be expected to pay all project costs, a 50% fund match is typically required. This would reduce the expected cash value of the loan to approximately \$60 million. Regional wastewater development fees and SPWA bond funding will be utilized to finance the remainder of the project cost.

City Council adoption of the attached Resolution (one of the standard Resolutions that must be submitted to the SWRCB) is required as part of every CWSRF loan application.

FISCAL IMPACT

The adoption of the Resolution only allows the City to complete the CWSRF loan application requirements and does not immediately result in a direct fiscal impact to the City.

If a loan is granted from the CWSRF, City staff will request future approval of other resolutions that authorize final execution of loan documents that will initiate financial commitments to repay the loan. In addition, City staff will request future approval of an agreement between the City and SPWA that stipulates all CWSRF loan repayment costs made by the City will be fully reimbursed by SPWA.

ECONOMIC DEVELOPMENT / JOBS CREATED

There will be no direct economic development impacts or jobs created within the City of Roseville as a result of this action by City Council.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment (CEQA Guidelines §15061(b)(3)). The approval and adoption of the Reimbursement Resolution is a funding application requirement and does not commit the City to CWSRF funding or project construction. As such it

10/4/17 Adopted Reso 17-427

does not include the potential for a significant environmental effect and therefore is not subject to CEQA

Respectfully Submitted

George Hanson Senior Engineer

Richard Plecker Environmental Utilities Director



Rob Jensen City Manager

ATTACHMENTS

Description

Resolution No. 17-427

REVIEWERS

Department	Reviewer	Action	Date
EU Technical Services	McKinney Kelye	Approved	9/13/2017 5 09 PM
EU Technical Services	Plecker Richard	Approved	9/13/2017 7 13 PM
Paralegal	Hakala Gretchen	Approved	9/15/2017 1 45 PM
City Clerk	Dreyer Helen	Approved	9/15/2017 2 44 PM
Assistant City Manager	Casey Domnick	Approved	9/18/2017 5 31 PM
Chief Financial Officer	Panzica Jay	Approved	9/26/2017 11 30 AM
City Attorney	Schmitt Robert	Approved	9/26/2017 4 27 PM
City Manager	Byrnes Audrey	Approved	9/26/2017 6 33 PM
City Clerk	Byrnes Audrey	Approved	9/26/2017 6 33 PM

EXHIBIT D

Authorizing Resolution

RESOLUTION NO. 18-326

AUTHORIZING THE ACTING CITY MANAGER OR HIS DESIGNEE TO APPLY FOR CLEAN WATER
STATE REVOLVING FUNDS ON BEHALF OF THE CITY OF ROSEVILLE IN CONNECTION WITH THE
PLEASANT GROVE WASTEWATER TREATMENT PLANT EXPANSION AND
ENERGY RECOVERY PROJECT

WHEREAS, the City of Roseville is the applicant for the Clean Water State Revolving
Funding program; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that the Acting
City Manager or his designee is hereby authorized and directed to sign and file, for and on
behalf of the City, a Financial Assistance Application for a financing agreement from the State
Water Resources Control Board for the planning, design, and construction of the Pleasant
Grove Wastewater Treatment Plant Expansion and Energy Recovery Project 8215-110 and
8215-210; and

BE IT FURTHER RESOLVED that the Acting City Manager or his designee, is designed to
provide the assurances, certifications and commitments required for the financial assistance
application, including executing a financial assistance agreement from the State Water
Resources Control Board and any amendments or changes thereto; and

BE IT FURTHER RESOLVED that the Acting City Manager or his designee, is designated to
represent the City in carrying out the City's responsibilities under the financing agreement,
including certifying disbursement requests on behalf of the City and compliance with applicable
state and federal laws.

PASSED AND ADOPTED by the Council of the City of Roseville this 1st day of
August, 2018, by the following vote on roll call:

AYES COUNCILMEMBERS: Gore, Alvord, Herman, Allard, Rohan

NOES COUNCILMEMBERS: None

ABSENT COUNCILMEMBERS: None



MAYOR

ATTEST:


City Clerk

EXHIBIT E

Pledged Revenues and Fund(s) Resolution

RESOLUTION NO. 18-325

APPROVING THE USE OF THE ENVIRONMENTAL UTILITIES WASTEWATER ENTERPRISE FUND FOR
THE PLEASANT GROVE WASTEWATER TREATMENT PLANT EXPANSION AND
ENERGY RECOVERY PROJECT

WHEREAS, the City of Roseville intends to finance the construction of the Pleasant Grove Wastewater Treatment Plant and Energy Recovery Project (the "Project"); and

WHEREAS, the City of Roseville's Environmental Utilities Department has set up the Wastewater Enterprise Fund which is funded by customer user charges established by the Environmental Utilities Department to operate, maintain and construct improvements required at the City's Wastewater Treatment Facilities; and

WHEREAS the City of Roseville intends to utilize the Environmental Utilities Wastewater Enterprise Fund to fund (in part), the Pleasant Grove Wastewater Treatment Plant Expansion and Energy Recovery Project; and

NOW, THEREFORE BE IT RESOLVED by the Council of the City of Roseville that the use of the Environmental Utilities Wastewater Enterprise Fund for the Pleasant Grove Wastewater Treatment Plant Expansion and Energy Recovery Project is hereby approved; and

BE IT FURTHER RESOLVED, that the City of Roseville commits to collecting such revenues and maintaining such fund(s) throughout the term of such financing and until the City has satisfied its repayment obligation thereunder unless modification or change is approved in writing by the State Water Resources Control Board. So long as the financing agreement(s) are outstanding, the City's pledge hereunder shall constitute a lien in favor of the State Water Resources Control Board on the foregoing fund(s) and revenue(s) without any further action necessary. So long as the financing agreement(s) are outstanding, the City commits to maintaining the fund(s) and revenue(s) at levels sufficient to meet its obligations under the financing agreement(s).

PASSED AND ADOPTED by the Council of the City of Roseville this 1st day of
August, 2018 by the following vote on roll call:

AYES COUNCILMEMBERS: Gore, Alvord, Herman, Allard, Rohan

NOES COUNCILMEMBERS: None

ABSENT COUNCILMEMBERS: None



MAYOR

ATTEST:



CITY CLERK

Exhibit F

Debt Service Repayment Agreement

**DEBT SERVICE REPAYMENT AGREEMENT
CLEAN WATER STATE REVOLVING FUND PROGRAM**

THIS DEBT SERVICE PAYMENT AGREEMENT (the “**Agreement**”) is made effective as of the 1st day of August, 2018, by and between the SOUTH PLACER WASTEWATER AUTHORITY, a joint powers agency (“**Authority**”) and the CITY OF ROSEVILLE, a municipal corporation duly organized and existing under the laws of the State of California (the “**City**”).

RECITALS

- A. **WHEREAS**, the City of Roseville, together with the County of Placer and the South Placer Municipal Utility District (collectively the “Participants”), have formed a joint powers agency, known as the South Placer Wastewater Authority for the purpose of jointly financing the costs of constructing and/or reconstructing certain public facilities and improvements relating to its water and wastewater system, including certain treatment facilities, pipelines and other infrastructure pursuant to that certain Amended and Restated Funding Agreement relating to the South Placer Regional Wastewater Facilities, dated as of October 1, 2012 (“Amended and Restated Funding Agreement 2012”), among the Authority and the Participants, including to issue bonds and obtain other financing for such purpose; and
- B. **WHEREAS**, the City, at the Authority’s request and on behalf of the Authority, has applied for Clean Water State Revolving Fund funding (the “SRF Funding”) provided by the State of California, acting by and through the State Water Resources Control Board (the “State Water Board”) in connection with the Authority’s Pleasant Grove Wastewater Treatment Plant Expansion and Energy Recovery Project (the “Project”); and
- C. **WHEREAS**, the Authority intends to finance the construction and/or reconstruction of the Project or portions of the Project with moneys obtained from the SRF Funding; and
- D. **WHEREAS**, the Authority has authorized its Executive Director to enter into an agreement with the City to reimburse the City for amounts paid in connection with the SRF fund in accordance with Resolution Numbers 2017-10, 2017-11, 2017-12, 2017-13, and 2017-14, which were adopted by the Board of Directors of the Authority at the August 17, 2017 board meeting; and
- E. **WHEREAS**, the parties hereto desire to provide for payment of debt service related to the SRF Funding subject to the terms and conditions of this Agreement.

NOW, THEREFORE, the parties hereby agree as follows:

AGREEMENT

1. SRF Funding through the City of Roseville. The Authority hereby agrees to and acknowledges the City's application for SRF Funding on behalf of the Authority in the maximum principal amount of One Hundred Eighteen Million Three Hundred Eleven Thousand Six Hundred Sixty-Eight Dollars (\$118,311,668) on terms provided for in the SRF financing agreement(s) contemplated by the SRF funding application attached hereto as **Exhibit A** (the "SRF Financing Agreements").
2. Authority Repayment of Debt Service. The Authority hereby agrees to reimburse the City for all debt service payments made by the City for the SRF Funding as and when required by the SRF Financing Agreements, subject to the condition that the Authority's Executive Director shall have approved the form of SRF Financing Agreements in writing prior to execution thereof by the City. This requirement is addressed in Resolution Numbers 2017-10, Approval of Reimbursement Agreement with the City of Roseville in Connection with Clean Water State Revolving Fund (SRF) Funding; 2017-11 Reimbursement Resolution; 2017-12 Authorizing Resolution; 2017-13 Pledged Revenues and Fund(s) Resolution; and 2017-14 Contingent Authorizing Resolution in Connection with Clean Water State Revolving Fund (SRF) Funding, which are attached hereto as **Exhibits B, C, D, E, and F**.
3. Pledged Revenues. The Authority hereby agrees to pledge specific revenue streams towards the City's SRF Funding debt service payment obligations for the duration of the SRF Financing Agreements. Debt service payments will be accomplished using connection fees collected by all Participants that make up the Authority's Rate Stabilization Fund (RSF) on a parity basis with the Authority's pledge of the same revenue stream for payment of outstanding bonds. Should the available RSF funds fail to meet minimum repayment obligations, it would be necessary for each partner to provide additional funds to meet the repayment obligation. This requirement is addressed in the Amended and Restated Funding Agreement (2012), attached hereto as **Exhibit G**, which stipulates that if RSF funds are insufficient, other user charges (rates) must be used to meet debt repayment obligations. So long as the SRF Financing Agreements are outstanding, the Authority commits to maintaining the foregoing fund(s) and revenue(s) at levels sufficient to meet its debt service payment obligations under this Agreement.
4. Term and Termination. This Agreement shall be effective as of the date first above written and shall remain in effect until such time as all debts under the SRF Financing Agreements shall have been paid in full.
5. Amendments. This Agreement may be amended only by the written agreement of the Authority and the City.

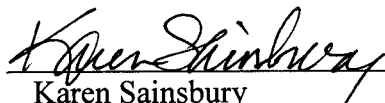
6. Rights of Third Parties; Dispute Resolution. Nothing in this Agreement, express or implied, is intended to confer any rights or remedies under, or by reason of, this Agreement on any person other than the parties hereto and their respective permitted successors and assigns. If an event of default occurs hereunder, the parties hereto shall, as a prerequisite to litigation, attempt to resolve the matter through mediation. If mediation fails to resolve the matter after a reasonable time, the parties shall have the right to take whatever action it, or they, deem(s) necessary or advisable to ensure that such defaulting party complies with the provisions hereof, including, without limitation, bringing an action in law or in equity. In any action brought by any party to enforce the terms of this Agreement, the prevailing party shall be entitled to recover its reasonable attorney's fees. Any action arising out of this Agreement shall be brought in Placer County, California, regardless of where else venue may lie.
7. Counterparts. This Agreement may be executed in any number of counterparts, and by different parties in separate counterparts, each of which, when executed and delivered, shall be deemed to be an original and all of which counterparts taken together shall constitute but one and the same instrument.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attested to by its City Clerk under the authority of Resolution 18-327, adopted by the City Council of the City of Roseville on the 1st of August, 2018, and South Placer Wastewater Authority has caused this Agreement to be executed under the authority of Resolutions 2017-10, 2017-11, 2017-12, 2017-13, and 2017-14, adopted by the Board of Directors of the South Placer Wastewater Authority on the 17 day of August, 2017.

SOUTH PLACER WASTEWATER AUTHORITY

BY: 
Ken Glotzbach
Executive Director

ATTEST:

BY: 
Karen Sainsbury
Secretary, Board of Directors

APPROVED AS TO LEGAL FORM:

BY: 
Osman I. Mufti
Authority's General Counsel

CITY OF ROSEVILLE

BY: 
Dominick Casey
Acting City Manager

ATTEST:

BY: 
Sonia Orozco
City Clerk

APPROVED AS TO LEGAL FORM:

BY: 
Robert R. Schmitt
City Attorney

APPROVED AS TO SUBSTANCE:

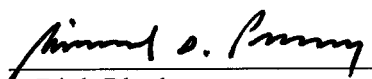
BY: 
Rich Plecker
Director of Environmental Utilities

EXHIBIT A

State Revolving Fund Application

GENERAL INFORMATION PACKAGE

I. TYPE OF ASSISTANCE REQUESTED			
Amount of Assistance Requested: \$ 118,311,668			
Proposed Security: ☒ Wastewater revenues and fund ☐ Water revenues and fund ☐ Other:			
Project Type(s): ☒ Wastewater ☐ Water Recycling ☐ Estuary ☐ Nonpoint Source			
II. APPLICANT INFORMATION			
Applicant Name: City of Roseville			
Street Address: 2005 Hilltop Circle		City: Roseville	State: CA Zip+4 Code: 95747-9704
Applicant Type: ☒ Public ☐ Indian Tribe ☐ Nonprofit ☐ Other: Specify			
County: Placer County		Charter City/County: ☒ Yes ☐ No	
Mailing Address: 2005 Hilltop Circle		City: Roseville	State: CA Zip+4 Code: 95747-9704
Congressional District(s): 4			
State Senate District(s): 4			
State Assembly District(s): 6			
Data Universal Numbering System (DUNS) No.: 076119643		Federal Tax ID No.: 94-6000-409	
Regional Water Board where the project will take place: ☐ 1 (North Coast) ☐ 2 (San Francisco Bay) ☐ 3 (Central Coast) ☐ 4 (Los Angeles) ☒ 5 (Central Valley) ☐ 6 (Lahontan) ☐ 7 (Colorado River) ☐ 8 (Santa Ana) ☐ 9 (San Diego)			
Authorized Representative Name, Title: Kenneth Glotzbach, Wastewater Utility Manager			
Phone No.: (916) 774-5754		Email Address: kglotzbach@roseville.ca.us	
Contact Person Name: George Hanson			
Phone No.: (916) 746-1764		Email Address: GHanson@roseville.ca.us	
Local Counsel Name: Bob Schmitt			
Phone No.: (916) 774-5325		Email Address: BSchmitt@roseville.ca.us	
III. PROJECT INFORMATION AND PROPOSED SCHEDULES			
Project Description: <i>(Enter a brief description of the project)</i> The City of Roseville operates the Pleasant Grove Wastewater Treatment Plant (PGWWTP), which needs additional capacity due to recent and anticipated acceleration of growth within the South Placer Wastewater Authority (SPWA) service area. Based on growth projections within SPWA, Average Dry Weather Flows are anticipated to exceed 9 million gallons (MGD) per day by 2020 and projected to equal or exceed PGWWTP's treatment capacity of 9.5 MGD by 2024. The addition of 12 MGD of new rectangular primary clarifier capacity, solids thickening, anaerobic digestion and odor control (Expansion Project) is needed to address future flows and loads as well as reduce biosolids related odors. Separate energy recovery facilities would be construction to beneficially utilize the digester gas produced by anaerobic digestion (Energy Recovery Project).			
Project Title: Pleasant Grove Wastewater Treatment Plant Expansion and Energy Recovery Project			
Project Location Street Address: 5051 W. Park Drive		City: Roseville	State: CA Zip+4 Code: 95747-4839
NPDES Permit or WDR Order No. (if applicable): NPDES Permit No. CA0084573/ WDR Order No. R5-2014-0051			
Current Year Estimated Population Served: Approximately 126,300			

State Use Only	
CWSRF Project #	
Project Manager	
Date Received	

		Estimated or Actual Date
Estimated Project Schedule:	Complete Construction Application	January 2017
	1) General Information Package	January 2017
	2) Technical Package	January 2017
	3) Environmental Package	January 2017
	4) Financial Security Package	February 2017
	Complete Project Plans and Specifications	June 2017
	Advertise Bids	June 2017
	Issue Notice to Proceed	October 2017
	Complete Construction	October 2019

Consultation with Other Agencies

Please list other Federal and State agencies that have been involved in this project (e.g. planning, CEQA/NEPA consultation, funding, etc.), their contact information if known, and estimated dates for resolution of any issues.

CEQA-Plus will be required. A NPDES General Construction Permit (administered by SWRCB) will be required. An amendment to Placer County Air Pollution Control District will be required.

Partnering Agencies

Please list all other agencies that have an interest in this project. Provide contact information if known.

Additional South Placer Wastewater Authority members:

1. South Placer Municipal Utility District
2. County of Placer

IV. ESTIMATED PROJECT CAPITAL COSTS AND FUNDING SUMMARY

Cost Classification	Total Project Costs	Other Funding	Requested Financing
A. Facilities Planning (a)	\$ _____	\$ _____	\$ _____
B. Facilities Design (a)	\$ <u>8,756,853.00</u>	\$ _____	\$ <u>8,756,853.00</u>
C. Construction Management (a)	\$ <u>8,900,830.00</u>	\$ _____	\$ <u>8,900,830.00</u>
D. Value Engineering (a)	\$ _____	\$ _____	\$ _____
E. Administration (a)	\$ <u>890,083.00</u>	\$ _____	\$ <u>890,083.00</u>
F. Facilities Construction Total	\$ <u>89,008,296.00</u>	\$ _____	\$ <u>89,008,296.00</u>
G. Contingency	\$ <u>8,900,830.00</u>	\$ _____	\$ <u>8,900,830.00</u>
H. Pre-Purchase Material/Equipment	\$ _____	\$ _____	\$ _____
I. Land and Right-of-Way	\$ _____	\$ _____	\$ _____
J. Other Costs	\$ <u>1,854,776.00</u>	\$ _____	\$ <u>1,854,776.00</u>
Explain: Allowances Contingency			
K. Total Project Costs	\$ <u>118,311,668.00</u>	\$ _____	\$ <u>118,311,668.00</u>
(a) Soft costs may be provided for planning, design, value engineering, construction management, and administration costs.			
Portion of the Total Project Costs that will serve existing facilities and/or existing communities	\$ <u>69,803,884.00</u>		
Portion of the Total Project Costs that will serve new development	\$ <u>48,507,784.00</u>		

V. TECHNICAL SPONSORSHIP

If the Division were to set up a technical sponsorship program, would you be interested in providing in-kind technical assistance to another CWSRF applicant in exchange for special financing? Note that checking "Yes" in no way obligates you to participate in this potential program or guarantees that this incentive will be available or offered.

☐ Yes ☒ No

If Yes, please indicate the areas where you would be willing to provide assistance.

- ☐ Assistance in completing a funding application
- ☐ Assistance in writing a facilities plan/project report
- ☐ Assistance in developing a Capital Improvement Plan
- ☐ Assistance in conducting a water or energy audit
- ☐ Assistance in building Operations & Maintenance capacity
- ☐ Other: Specify _____

VI. SUSTAINABILITY

A project that supports or incorporates one or more of the following sustainability goals receives one priority point for each area addressed.

Label the requested documents as Attachment G1, G2, G3, etc.

☐	The project supports infill development or results in the reuse or redevelopment of land in an area presently served by transit, streets, water, sewer and other essential services. G1 – Provide a map highlighting the infill or redevelopment areas.
☐	The applicant maintains a Capital Improvement Plan, an Asset Management Plan, or has performed a full-cost pricing analysis, or the project incorporates climate change adaption. G2 – Provide copies or links to these plan or analysis.
☒	The project protects environmental or agricultural resources such as farm, range and forest lands; wetlands and wildlife habitats; recreational lands such as parks, trails, and greenbelts; or landscapes with locally unique features or areas identified by the state as deserving special protection. G3 – Provide a map highlighting the areas that will be protected.
☒	The project is cited in one or more regional environmental management plans. G4 – Provide copies or links to these plans.
☒	The project incorporates wastewater or storm water/urban runoff recycling, water conservation, energy conservation, low impact development, or reduced use of other vital resources. G5 – Explain the reason for the energy savings and the expected energy savings.
☒	The project uses low-impact treatment for lower lifecycle operating costs through reduced energy, chemical, or other inputs. G6 – Explain the reason(s) for the reduced operating costs.

CERTIFICATION AND SIGNATURE OF AUTHORIZED REPRESENTATIVE

To the best of my knowledge and belief, I certify that I am authorized to submit this application, the information provided in this application is true and correct; the documentation has been duly authorized by the governing body of the applicant; and the entity possesses the legal authority to apply for the financing and enter into a financing agreement with the State Water Resources Control Board and to finance and construct the proposed facilities.

Name of Authorized Representative: Kenneth Glotzbach

Title: Wastewater Utility Manager

Signature of Authorized Representative: 

Date: 2-5-17

HOW DID YOU HEAR ABOUT THE CWSRF PROGRAM?

- ☐ California Financing Coordinating Committee (CFCC) Funding Fair
- ☐ Colleague
- ☐ State Water Board Letter
- ☐ Conference/Trade Show/Workshop (Specify) _____
- ☐ Employer/Employee
- ☒ Consultant
- ☐ Internet
- ☐ Publication
- ☐ Other (Specify): _____

EXHIBIT B

Approval of Reimbursement Agreement with the City of Roseville in Connection with Clean Water State Revolving Fund (SRF) Funding

SOUTH PLACER WASTEWATER AUTHORITY

RESOLUTION NO. 2017-10

**APPROVAL OF REIMBURSEMENT AGREEMENT WITH THE CITY OF
ROSEVILLE IN CONNECTION WITH
CLEAN WATER STATE REVOLVING FUND (SRF) FUNDING**

WHEREAS, the City of Roseville (the "City"), together with the County of Placer (the "County") and the South Placer Municipal Utility District (the "District," and collectively the "Participants"), have formed a joint powers agency, known as the South Placer Wastewater Authority (the "Authority") for the purpose of jointly financing the Pleasant Grove Wastewater Treatment Plant, improvements to the Dry Creek Wastewater Treatment Plant, and other Related Regional Infrastructure (as defined in that certain Amended and Restated Funding Agreement relating to the South Placer Regional Wastewater Facilities, dated as of October 1, 2012, among the Authority and the Participants), including to issue bonds and obtain other financing for such purpose; and

WHEREAS, the Authority intends to issue bonds and apply for Clean Water State Revolving Fund funding (the "SRF Funding") in connection with its Pleasant Grove Wastewater Treatment Plant Expansion and Energy Recovery Project (the "Project"); and

WHEREAS, the City proposes to obtain said SRF funding on behalf of the Authority;

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the South Placer Wastewater Authority as follows:

Section 1. SRF Funding through the City of Roseville. The Board hereby approves the City of Roseville's application for SRF funding on behalf of the Authority in the maximum principal amount of \$118,311,668.

Section 2. Reimbursement Agreement with the City of Roseville. The Board hereby authorizes the Executive Director or his designee, on behalf of the Authority, to execute and deliver an agreement with the City to reimburse the City for all sums expended in connection with the SRF Funding. Said agreement shall be in a form approved by the Executive Director and the Authority's general counsel.

Section 3. Effective Date. This Resolution shall take effect from and after the date of its passage and adoption.

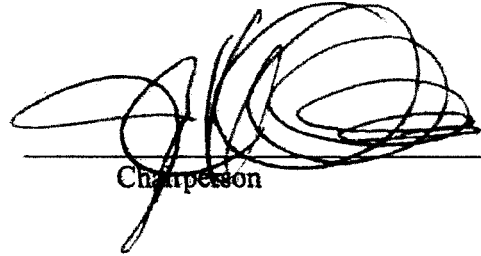
* * * * *

PASSED AND ADOPTED this 17th day of August, 2017, by the following vote:

AYES: Allard, Duran, Gore, Mitchell, Weggandt

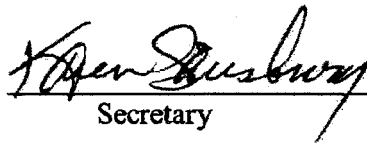
NOES: —

ABSENT: —



Chairperson

ATTEST:



Secretary

EXHIBIT C

Reimbursement Resolution

[Faint, illegible text, likely a signature or stamp]

RESOLUTION NO. 17-427

APPROVING A REIMBURSEMENT RESOLUTION
AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE
CITY OF ROSEVILLE

WHEREAS, the City of Roseville ("City") desires to finance the costs of constructing and/or reconstructing certain public facilities and improvements relating to its water and wastewater system, including certain treatment facilities, pipelines and other infrastructure ("Project"); and

WHEREAS, the City intends to finance the construction and/or reconstruction of the Project or portions of the Project with moneys ("Project Funds") provided by the State of California, acting by and through the State Water Resources Control Board (State Water Board); and

WHEREAS, the State Water Board may fund the Project Funds with proceeds from the sale of obligations the interest upon which is excluded from gross income for federal income tax purposes ("Obligations"), and

WHEREAS, prior to either the issuance of the Obligations or the approval by the State Water Board of the Project Funds the City desires to incur certain capital expenditures (the "Expenditures") with respect to the Project from available moneys of the City; and

WHEREAS, the City has determined that those moneys to be advanced on and after the date hereof to pay the Expenditures are available only for a temporary period and it is necessary to reimburse the City for the Expenditures from the proceeds of the Obligations.

NOW, THEREFORE, THE CITY DOES HEREBY RESOLVE, ORDER AND DETERMINE AS FOLLOWS:

SECTION 1. The City hereby states its intention and reasonably expects to reimburse Expenditures paid prior to the issuance of the Obligations or the approval by the State Water Board of the Project Funds.

SECTION 2. The reasonably expected maximum principal amount of the Project Funds is \$ 118,311,668.00.

SECTION 3. This resolution is being adopted no later than 60 days after the date on which the City will expend moneys for the construction portion of the Project costs to be reimbursed with Project Funds.

SECTION 4. Each City expenditure will be of a type properly chargeable to a capital account under general federal income tax principles.

SECTION 5. To the best of our knowledge, the City is not aware of the previous adoption of official intents by the City that have been made as a matter of course for the purpose of reimbursing expenditures and for which tax-exempt obligations have not been issued.

SECTION 6. This resolution is adopted as official intent of the City in order to comply with Treasury Regulation §1.150-2 and any other regulations of the Internal Revenue Service relating to the qualification for reimbursement of Project costs.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said reimbursement resolution is hereby approved and that the City Manager is authorized to execute it on behalf of the City of Roseville; and

PASSED AND ADOPTED by the Council of the City of Roseville this 4th day of October, 2017, by the following vote on roll call:

AYES COUNCILMEMBERS: Gore, Alvord, Herman, Allard, Rohan

NOES COUNCILMEMBERS: None

ABSENT COUNCILMEMBERS: None

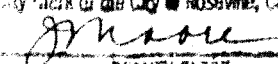


MAYOR

ATTEST:


City Clerk

The foregoing instrument is a correct copy
of the original on file in this office.

ATTEST:
City Clerk of the City of Roseville, California

DEPUTY CLERK

2017 OCT 27 PM 2

EXHIBIT D

Authorizing Resolution

RESOLUTION NO. 18-326

AUTHORIZING THE ACTING CITY MANAGER OR HIS DESIGNEE TO APPLY FOR CLEAN WATER
STATE REVOLVING FUNDS ON BEHALF OF THE CITY OF ROSEVILLE IN CONNECTION WITH THE
PLEASANT GROVE WASTEWATER TREATMENT PLANT EXPANSION AND
ENERGY RECOVERY PROJECT

WHEREAS, the City of Roseville is the applicant for the Clean Water State Revolving
Funding program; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that the Acting
City Manager or his designee is hereby authorized and directed to sign and file, for and on
behalf of the City, a Financial Assistance Application for a financing agreement from the State
Water Resources Control Board for the planning, design, and construction of the Pleasant
Grove Wastewater Treatment Plant Expansion and Energy Recovery Project 8215-110 and
8215-210; and

BE IT FURTHER RESOLVED that the Acting City Manager or his designee, is designed to
provide the assurances, certifications and commitments required for the financial assistance
application, including executing a financial assistance agreement from the State Water
Resources Control Board and any amendments or changes thereto; and

BE IT FURTHER RESOLVED that the Acting City Manager or his designee, is designated to
represent the City in carrying out the City's responsibilities under the financing agreement,
including certifying disbursement requests on behalf of the City and compliance with applicable
state and federal laws.

PASSED AND ADOPTED by the Council of the City of Roseville this 1st day of
August, 2018, by the following vote on roll call:

AYES COUNCILMEMBERS: Gore, Alvord, Herman, Allard, Rohan

NOES COUNCILMEMBERS: None

ABSENT COUNCILMEMBERS: None



MAYOR

ATTEST:



City Clerk

EXHIBIT E

Pledged Revenues and Fund(s) Resolution

RESOLUTION NO. 18-325

APPROVING THE USE OF THE ENVIRONMENTAL UTILITIES WASTEWATER ENTERPRISE FUND FOR
THE PLEASANT GROVE WASTEWATER TREATMENT PLANT EXPANSION AND
ENERGY RECOVERY PROJECT

WHEREAS, the City of Roseville intends to finance the construction of the Pleasant Grove Wastewater Treatment Plant and Energy Recovery Project (the "Project"); and

WHEREAS, the City of Roseville's Environmental Utilities Department has set up the Wastewater Enterprise Fund which is funded by customer user charges established by the Environmental Utilities Department to operate, maintain and construct improvements required at the City's Wastewater Treatment Facilities; and

WHEREAS the City of Roseville intends to utilize the Environmental Utilities Wastewater Enterprise Fund to fund (in part), the Pleasant Grove Wastewater Treatment Plant Expansion and Energy Recovery Project; and

NOW, THEREFORE BE IT RESOLVED by the Council of the City of Roseville that the use of the Environmental Utilities Wastewater Enterprise Fund for the Pleasant Grove Wastewater Treatment Plant Expansion and Energy Recovery Project is hereby approved; and

BE IT FURTHER RESOLVED, that the City of Roseville commits to collecting such revenues and maintaining such fund(s) throughout the term of such financing and until the City has satisfied its repayment obligation thereunder unless modification or change is approved in writing by the State Water Resources Control Board. So long as the financing agreement(s) are outstanding, the City's pledge hereunder shall constitute a lien in favor of the State Water Resources Control Board on the foregoing fund(s) and revenue(s) without any further action necessary. So long as the financing agreement(s) are outstanding, the City commits to maintaining the fund(s) and revenue(s) at levels sufficient to meet its obligations under the financing agreement(s).

PASSED AND ADOPTED by the Council of the City of Roseville this 1st day of
August, 2018 by the following vote on roll call:

AYES COUNCILMEMBERS: Gore, Alvord, Herman, Allard, Rohan

NOES COUNCILMEMBERS: None

ABSENT COUNCILMEMBERS: None



MAYOR

ATTEST:



CITY CLERK

EXHIBIT F

Contingent Authorizing Resolution in Connection with Clean Water State Revolving Fund (SRF) Funding

SOUTH PLACER WASTEWATER AUTHORITY

RESOLUTION NO. 2017-14

**CONTINGENT AUTHORIZING RESOLUTION
IN CONNECTION WITH
CLEAN WATER STATE REVOLVING FUND (SRF) FUNDING**

WHEREAS, the City of Roseville (the "City"), together with the County of Placer (the "County") and the South Placer Municipal Utility District (the "District," and collectively the "Participants"), have formed a joint powers agency, known as the South Placer Wastewater Authority (the "Authority") for the purpose of jointly financing the Pleasant Grove Wastewater Treatment Plant, improvements to the Dry Creek Wastewater Treatment Plant, and other Related Regional Infrastructure (as defined in that certain Amended and Restated Funding Agreement relating to the South Placer Regional Wastewater Facilities, dated as of October 1, 2012, among the Authority and the Participants), including to issue bonds and obtain other financing for such purpose; and

WHEREAS, the Authority intends to issue bonds and apply for Clean Water State Revolving Fund funding (the "SRF Funding") in connection with its Pleasant Grove Wastewater Treatment Plant Expansion and Energy Recovery Project 8215-110 (the "Project"); and

WHEREAS, the Board has previously approved the California State Water Quality Control Board's Reimbursement Resolution, Authorizing Resolution, and Pledged Revenues and Fund Resolution (collectively, the "SRF Funding Resolutions"), whereby the Authority may apply for SRF Funding for the Project; and

WHEREAS, the City proposes to obtain said SRF funding on behalf of the Authority;

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the South Placer Wastewater Authority as follows:

Section 1. Contingent Authorization to Obtain SRF Funding on Behalf of the Authority. If the City of Roseville does not obtain SRF Funding on behalf of the Authority for any reason, the Board hereby authorizes the Executive Director or his designee, on behalf of the Authority, to deliver the SRF Funding Resolutions to the California State Water Quality Control Board, and to execute and deliver any and all agreements, and take any and all other actions, which he may deem necessary or advisable to obtain SRF Funding directly for the Authority.

Section 3. Effective Date. This Resolution shall take effect from and after the date of its passage and adoption.

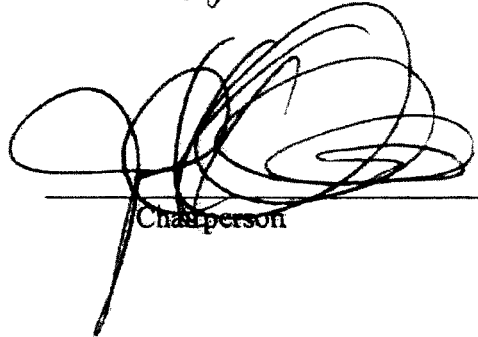
* * * * *

PASSED AND ADOPTED this 17th day of August, 2017, by the following vote:

AYES: Allard, Duran, Gore, Mitchell, Weygant

NOES: —

ABSENT: —


Chairperson

ATTEST:

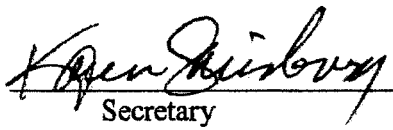

Secretary

EXHIBIT G

Amended and Restated Funding Agreement Relating to the South Placer Regional Wastewater Facilities

**AMENDED AND RESTATED
FUNDING AGREEMENT
RELATING TO THE
SOUTH PLACER REGIONAL WASTEWATER FACILITIES**

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**AMENDED AND RESTATED
FUNDING AGREEMENT
RELATING TO THE
SOUTH PLACER REGIONAL WASTEWATER FACILITIES**

THIS AMENDED AND RESTATED FUNDING AGREEMENT (the "Agreement") is made effective as of the 1st day of October, 2012, by and among the **SOUTH PLACER WASTEWATER AUTHORITY**, a joint powers agency ("Authority"), the **CITY OF ROSEVILLE**, a charter city duly organized and existing under the laws of the State of California (the "City"), the **SOUTH PLACER MUNICIPAL UTILITY DISTRICT**, a municipal utility district duly organized and existing under the laws of the State of California (the "District"), and the **COUNTY OF PLACER**, a political subdivision duly organized and existing under the laws of the State of California (the "County").

RECITALS

- A. WHEREAS, effective October 1, 2000, the parties hereto entered into that certain "Joint Exercise of Powers Agreement for the South Placer Wastewater Authority" (the "JPA Agreement"), which JPA Agreement created the Authority; and
- B. WHEREAS, effective October 1, 2000, the parties hereto entered into the first Funding Agreement Relating to the South Placer Wastewater Facilities (the "Original Funding Agreement"), which Original Funding Agreement provided for (1) the capital funding necessary for the planning, permitting, design, acquisition, and construction of Regional Wastewater Facilities, and (2) the parties' respective rights to use Regional Wastewater Facilities; and
- C. WHEREAS, the parties hereto desire to amend and restate the Original Funding Agreement to memorialize, among other things, (i) the reallocation of the parties' Proportionate Shares, (ii) the modification of provisions concerning future capacity usage, and (iii) the City's assumption of responsibility for the reclaimed/recycled water infrastructure. The parties intend that this Agreement shall supersede and replace the Original Funding Agreement, and that this Agreement, the JPA Agreement and the Operations Agreement (defined below), shall supersede and replace the Other Superseded Agreements (defined below), except for Sections 5 through 13 of the Settlement Agreement (defined below).

AGREEMENT

NOW THEREFORE, the parties hereto agree as follows:

1. **Definitions.** Words and phrases used in this Agreement shall have the following meanings:

2011 Bonds means the following Authority bonds issued in 2011: (i) South Placer Wastewater Authority Wastewater Revenue Refunding Bonds, Series 2011A (Variable Rate Demand Bonds); (ii) South Placer Wastewater Authority Wastewater Revenue Refunding Bonds, Series 2011B (Variable Rate Demand Bonds); (iii) South Placer Wastewater Authority Wastewater Revenue Refunding Bonds, Series 2011C; and (iv) South Placer Wastewater Authority Wastewater Revenue Refunding Bonds, Series 2011D (SIFMA Index Bonds).

2011 Bond Debt Service means Debt Service due on the 2011 Bonds.

2011 Bond Documents means the Indenture, this Agreement, the Official Statement and other ancillary documents relating to credit enhancement, liquidity, and other matters relating to the 2011 Bonds, including the purchase of the 2011 Bonds.

Aggregate Rate Stabilization Fund Draw means, for any Computation Period, the amount actually withdrawn from the Rate Stabilization Fund to pay Debt Service during such Computation Period.

Authority is defined in the preamble.

Available Local Connection Fees means Local Connection Fees that may be used to pay Debt Service. A Participant assessing Local Connection Fees shall, on a case-by-case basis, determine whether such Local Connection Fees are so usable.

Average Dry Weather Flow means the average daily wastewater flow into the Regional Wastewater Facilities, measured from July 1st through September 30th of each year.

Bond Documents means the 2011 Bond Documents and any Parity Bonds Instrument(s).

Bond Redemptions means funds sent by the Authority to the Trustee accompanied by irrevocable instructions to the Trustee that such funds are to be applied to the redemption of Bonds in accordance with the optional redemption provisions of the Indenture and any Parity Bonds Instrument.

Bonds means, collectively, the 2011 Bonds and any Parity Bonds, issued and at any time outstanding under the Indenture or any Parity Bonds Instrument, respectively.

Capital Costs means both direct and incidental costs of the planning, permitting, design, acquisition and construction of Regional Wastewater Facilities, including, without limitation, the following: (a) site acquisition, including, without limitation, administration, surveys, appraisals,

legal fees, costs of litigation, and title insurance; (b) engineering costs, including, without limitation, administration, investigation, tests, design, survey, construction supervision, and inspection; (c) construction costs, including, without limitation, Bond interest during construction; (d) preliminary project costs paid, and advance payments made, by the City, the County, or the District; (e) Debt Service and issuance costs on Bonds; (f) reserve requirements for Bonds; (g) capital reserve requirements relating to Regional Wastewater Facilities; and (h) administrative costs, including, without limitation, legal fees, consultant fees, and costs of Participant personnel working on the acquisition and construction of Regional Wastewater Facilities.

City is defined in the preamble.

Computation Period means a Fiscal Year, unless another period of time is required by any applicable Bond Document.

County is defined in the preamble.

Debt Service means, for any Computation Period, the sum of (a) the interest accruing on all Bonds during such Computation Period, assuming that all Bonds are retired as scheduled, plus (b) the principal amount (including principal due as sinking fund installment payments) allocable to all Bonds in such Computation Period, calculated as if such principal amounts were deemed to accrue daily during such Computation Period in equal amounts from, in each case, each payment date for principal or the date of delivery of such Bonds (provided that principal shall not be deemed to accrue for greater than a 365-day period prior to any payment date), as the case may be, to the next succeeding payment date for principal; provided, that the following adjustments shall be made to the foregoing amounts in the calculation of Debt Service:

(1) with respect to any such Bonds bearing or comprising interest at other than a fixed interest rate, the rate of interest used to calculate Debt Service shall be (A) with respect to such Bonds then outstanding, one hundred ten percent (110%) of the greater of (I) the daily average interest rate on such Bonds during the twelve (12) calendar months next preceding the date of such calculation (or the portion of the then current Computation Period that such Bonds have borne interest) or (II) the most recent effective interest rate on such Bonds prior to the date of such calculation and (B) with respect to such Bonds then proposed to be issued, the average of the Revenue Bond Index published in *The Bond Buyer* over the prior 12 months, or a comparable index if the Revenue Bond Index is no longer published;

(2) with respect to any such Bonds having twenty percent (20%) or more of the aggregate principal amount thereof due in any one Computation Period, Debt Service shall be calculated for the Computation Period of determination as if the interest on and principal of such Bonds were being paid from the date of incurrence thereof in substantially equal annual amounts over a period of thirty (30) years from the date of such Bonds; provided, however, that the full amount of such Bonds shall be included in Debt

Service if the date of calculation is within 24 months of the actual maturity of the payment;

(3) with respect to any such Bonds or portions thereof bearing no interest but which are sold at a discount and which discount accretes with respect to such Bonds or portions thereof, such accreted discount shall be treated as due when scheduled to be paid;

(4) Debt Service shall not include interest on Bonds which is to be paid from amounts constituting capitalized interest; and

(5) if an interest rate swap agreement is in effect with respect to, and is payable on a parity with, any Bonds to which it relates, no amounts payable under such interest rate swap in excess of debt service payable under such Parity Bonds Instrument shall be included in the calculation of Debt Service unless the sum of (A) the interest payable on such Bonds, plus (B) the amounts payable by the Authority or the Participant under such interest rate swap agreement, less (C) the amounts receivable by the Authority or the Participant under such interest rate swap agreement, are greater than the interest payable on such Bonds, in which case the amount of such payments to be made that exceed the interest to be paid on such Bonds shall be included in such calculation, and for this purpose, the variable amount under any such interest rate swap agreement shall be determined in accordance with the procedure set forth in Subsection (1) of this definition.

Debt Service Fund means the fund of that name created under the Indenture, or an equivalent fund created under any Parity Bonds Instrument, as applicable.

District is defined in the preamble.

Dry Creek Plant means the regional wastewater treatment plant owned and operated by the City for the mutual benefit of the Participants and known as the "Dry Creek Wastewater Treatment Plant."

EDU's means "equivalent dwelling units," which is the measure by which City, District, and County calculate their Regional Connection Fees. The Participants shall coordinate the definition of EDU's in their respective codes and ordinances, such that Regional Connection Fees collected are equivalent as regards land use types, size, and density of structures.

Enterprise Fund means, (a) as to the City, the Operational and Rehabilitation Funds maintained by the City; (b) as to the County, the following funds maintained by the County: (1) Sewer Maintenance District No. 2, Fund 503, Subfund 2; and (2) CSA 28, Zone 2A3, Sunset Sewer, Fund 502, Subfund 2; (c) CSA 28, Zone 173, Dry Creek, Fund 502, Subfund 55; and (d) as to the District, the Enterprise Fund maintained by the District.

Event of Default means:

(a) Default in the due and punctual payment of any amounts required to be paid hereunder by a party hereto, when and as the same shall become due and payable; or

(b) Default by a party in the observance of any other covenants, agreements or conditions on its part in this Agreement, or in any Bond Document, and such default shall have continued for a period of thirty (30) days after that party shall have been given notice in writing of such default by the Trustee, or any other party hereto; provided, however, that if any such default is not reasonably curable within such thirty (30) day period, the applicable party shall not be deemed to be in default if such party commences to cure the default within such thirty (30) day period and diligently pursues such cure to completion.

Fiscal Year means the period of time beginning on July 1st of any year and ending on June 30th of the following year, or any other twelve (12) month period agreed to in writing by all of the Participants.

Indenture means, collectively and individually, the Wastewater Revenue Bond Indenture, and the First, Second, Third and Fourth Supplemental Wastewater Revenue Bond Indentures, each dated as of April 1, 2011, between the Authority and the Trustee, under which the 2011 Bonds were issued.

Individual Rate Stabilization Fund Draw means, as to each Participant, for any Computation Period, the amount actually withdrawn from the account created for such Participant in the Rate Stabilization Fund to pay such Participant's Proportionate Share of Debt Service during such Computation Period.

Interest Payment Date means any date on which interest is payable on the 2011 Bonds under the terms of the Indenture and any Parity Bonds Instrument.

JPA Agreement is defined in Recital A.

Local Connection Fees means connection fees imposed and collected by a Participant, pursuant to the applicable provisions of the Roseville Municipal Code, District ordinances, or County ordinances, as applicable, for the purpose of funding expansions or modifications of, and/or improvements to, the Participant's System.

MGD means millions of gallons per day.

Minimum Level means, when used to describe the amount contained in the Rate Stabilization Fund, an amount equal to the lesser of: (a) Debt Service due in the two (2) Fiscal Years occurring immediately after the calculation is made, and (b) the amount required to redeem or retire all Bonds.

Operations Agreement means that certain Agreement Regarding the Operation and Use of the South Placer Regional Wastewater Facilities made by and among the Authority and the Participants of even date herewith, as amended by the Amended and Restated Agreement Regarding the Operation and Use of the South Placer Regional Wastewater Facilities dated of even date herewith.

Other Superseded Agreements means, collectively, the following agreements between the parties and/or their predecessors: (i) Agreement Relating to the Construction and Operation of a Regional Sewage Treatment Plant between the City and Rocklin-Loomis Municipal Utility District (the District's predecessor), dated as of July 5, 1973, and amended on October 15, 1975, June 17, 1981, and May 6, 1987 (collectively, the "Dry Creek Agreements"); (ii) Agreement for Sewer Services Regarding Placer County Sewer Maintenance District No. 2; Placer County Service Area No. 28, Zone 2, A-3; Placer County Service Area No. 28, Zone 55; and the Dry Creek-West Placer Community Plan Area between the City and the County, dated January 17, 1996 (the "Roseville/Placer County Agreement"); (iii) Preliminary Agreement Between and Among the City of Roseville, the South Placer Municipal Utility District and the County of Placer Regarding the Pleasant Grove Wastewater Treatment Plant, between the City and the County, dated May 19, 1998, and a separate agreement between the City and the District bearing the same title and containing substantially the same provisions, dated October 21, 1998 (collectively, the "Preliminary Agreement"); and (iv) the Settlement Agreement among the City, the County and the District, in settlement of the litigation entitled *City of Roseville vs. South Placer Municipal Utility District*, Sacramento County Superior Court Case No. 98AS02099 (the "Settlement Agreement").

Parity Bonds means all bonds, notes or other obligations (including without limitation long-term contracts, loans, sub-leases or other legal financing arrangements) of the Authority, the proceeds of which are applied to the acquisition and construction of Regional Wastewater Facilities, payable from and secured by a pledge of and lien upon any of the Participant Net Revenues, and issued or incurred pursuant to the Indenture.

Parity Bonds Instrument means the resolution, trust indenture or installment sale agreement adopted, entered into or executed and delivered by the Authority, and under which Parity Bonds are issued.

Participant means, individually, the City, the County, or the District. Participants means, collectively, the City, the County and the District.

Participant Gross Revenues means, for any Computation Period, all amounts received for, arising from, and all other income and revenues derived by a Participant from, the ownership or operation of such Participant's System and such Participant's use of Regional Wastewater Facilities, excluding Regional Connection Fees and Local Connection Fees other than Available Local Connection Fees.

Participant Net Revenues means, with respect to each Participant, such Participant's Gross Revenues less such Participant's Operation and Maintenance Costs, for any Computation Period.

Participant Operation and Maintenance Costs or Participant's Operation and Maintenance Costs means, for any given period, the reasonable and necessary costs (both direct and incidental) of operating and maintaining the facilities which comprise a Participant's System during such period, as well as the Participant's share of Regional Operation and Maintenance Costs, calculated on sound accounting principles, including (among other things) the reasonable expenses of management and repair and other expenses necessary to maintain and preserve such facilities in good repair and working order, and reasonable amounts for administration, overhead, insurance, taxes (if any), labor, materials, water, electricity, natural gas, chemicals, employee bonds, vehicles, communications equipment, preventive maintenance, sludge disposal, environmental remediation, engineering services, analytical testing services, rents, right-of-way charges, recycled water operations costs, legal judgments and assessments, other support services, and other similar costs, but excluding in all cases depreciation, replacement and obsolescence charges or reserves therefor, debt service and amortization of intangibles or other book-keeping entries of a similar nature.

Participant Parity Obligations means, as to each Participant, all bonds, notes or other obligations (including without limitation long-term contracts, loans, sub-leases or other legal financing arrangements), payable from Participant Net Revenues on a parity with the Participant's obligation to pay its Proportionate Share of Debt Service.

Participant System or Participant's System means, as to each Participant, the facilities of such Participant (excluding Regional Wastewater Facilities, if any, owned by such Participant) for the collection, transmission and disposal of wastewater to or through the Regional Wastewater Facilities, together with necessary pipes, pumps, valves and machinery and lands, easements and rights of way therefor; and other works, properties or structures necessary or convenient for the collection, transmission and disposal of wastewater, including all additions, betterments, extensions and improvements to such facilities or any part thereof.

Paying Participant is defined in Subsection 9.f(3).

Phase I Capacity means the wastewater treatment capacity actually provided by the first phase of the Pleasant Grove Plant (9.5 MGD). On the date the Pleasant Grove Plant begins wastewater treatment operations, the Participants' usage of Phase I Capacity shall be zero, notwithstanding the diversion of wastewater from the Dry Creek Plant, as set forth below. From and after that date, all increases in the Participants' usage of the wastewater treatment capacity of the Regional Wastewater Facilities shall be deemed to be usage of Phase I Capacity, until the entire amount of Phase I Capacity is used.

Pleasant Grove Plant means the regional wastewater treatment plant owned and operated by the City for the mutual benefit of the Participants and known as the "Pleasant Grove Wastewater Treatment Plant."

Proportionate Share means the percentage allocations among the Participants determined in accordance with Section 12.

Proportional Volumetric Share means the proportion of total yearly wastewater volume entering the Regional Wastewater Facilities that is attributable to the City, the District or the County, as applicable. The City shall determine, using information supplied by all Participants, the total yearly wastewater volume and each Participant's Proportional Volumetric Share on a Fiscal Year basis.

Rate Covenant Debt Service means, as to each Participant, such Participant's Proportionate Share of Debt Service, less the sum of (a) such Participant's Individual Rate Stabilization Fund Draw, and (b) any amounts paid on behalf of such Participant pursuant to Section 9.f(3).

Rate Stabilization Fund means the fund into which all Regional Connection Fees are deposited. The Rate Stabilization Fund may be held by the City in trust for the benefit of the Authority, in which event references in this Agreement to payments made, or received, by the Authority, shall be deemed to refer to payments made, or received, by the City on the Authority's behalf.

Regional Connection Fees means the connection fees imposed and collected by the Participants, pursuant to the applicable provisions of the Roseville Municipal Code, District ordinances, and County ordinances, for the purpose of funding expansions or modifications of, and/or improvements to, Regional Wastewater Facilities. If any Participant contributes additional amounts pursuant to Subsection 10.c in lieu of enacting and enforcing the minimum Regional Connection Fee recommended by the Authority, such additional amounts shall be deemed to be Regional Connection Fees for purposes of this Agreement.

Regional Operation and Maintenance Costs means, for any given period, the reasonable and necessary costs (both direct and incidental) of operating and maintaining Regional Wastewater Facilities during such period, calculated on sound accounting principles, including (among other things) the reasonable expenses of management and repair and other expenses necessary to maintain and preserve Regional Wastewater Facilities in good repair and working order, and reasonable amounts for administration (including, without limitation, costs of administration of the Participants' industrial pretreatment programs by the City, but only to the extent such costs are not chargeable to significant industrial users pursuant to Roseville Municipal Code Chapter 14.26), overhead, insurance, taxes (if any), labor, materials, water, electricity, natural gas, chemicals, employee bonds, vehicles, communications equipment, improvements, replacements and rehabilitations, preventive maintenance, sludge disposal, environmental remediation, engineering services, analytical testing services, rents, right-of-way charges, legal judgments and assessments (including, without limitation, enforcement actions of the California Regional Water Quality Control Board), and other similar costs. Credit items, such as all salvage value of Regional Wastewater Facilities, and revenue from the sale of sludge or

other products, except for reclaimed and recycled water, shall be credited first to Regional Operation and Maintenance Costs and then to each of the Participants based on their Proportional Volumetric Share.

Regional Wastewater Facilities means the Pleasant Grove Plant, the Dry Creek Plant, any other regional treatment plants constructed by the Authority or any of the Participants in the future to facilitate wastewater collection, conveyance, treatment, recycling, discharge, and disposal services collectively to all of the Participants, and all Related Regional Infrastructure.

Related Regional Infrastructure shall mean trunk sewers, interceptor lines, force mains, pump stations, and all other wastewater infrastructure, constructed in conjunction with the Pleasant Grove Plant, the Dry Creek Plant, and/or other regional wastewater treatment plants constructed in the future, as appropriate and necessary to facilitate wastewater collection, conveyance, treatment, recycling, discharge, and disposal services collectively to all of the Participants. "Related Regional Infrastructure" shall not include trunk sewers, interceptor lines, force mains, pump stations, or any other wastewater infrastructure that (a) facilitate such services to only one or two of the Participants, or (b) are otherwise covered by other agreements providing for the apportionment of construction, operation and maintenance costs therefor, except for the agreements that are expressly superseded by this Agreement and the Operations Agreement.

Reserve Account means the account of that name created under the Indenture, or an equivalent account created under any Parity Bonds Instrument, as applicable.

Reserve Requirement has the meaning given thereto in the Indenture, or any Parity Bonds Instrument, as applicable.

Sub-Minimum Level means, for each Participant, an amount equal to the product of the Minimum Level multiplied by such Participant's Proportionate Share.

Trustee means the Bank of New York Mellon Trust Company, N.A., which was appointed as Trustee under the Indenture, and any successor thereto. The term "Trustee" shall also mean trustee(s) under any Parity Bonds Instrument(s), as applicable.

Underfunded Participant is defined in Subsection 9.f(3).

User Charges means rates, fees and charges levied against customers for use of a Participant's System and the Regional Wastewater Facilities, exclusive of Regional Connection Fees and Local Connection Fees.

2. Purpose and Intent of Agreement.

a. The purpose and intent of this Agreement is to (1) allocate Capital Costs; (2) allocate the Participants' individual financial responsibility for payment of Debt Service; (3) allocate the Participants' use of the wastewater treatment capacity of the Regional Wastewater

Facilities, and (4) provide assurance to the purchasers of Bonds regarding the availability of Participant Net Revenues for the payment of Debt Service.

b. The Participants further intend that, notwithstanding short-term variances in their respective contributions of Regional Connection Fees or other funds, their total respective financial contributions to Capital Costs (whether financed by Bonds, funded by Regional Connection Fees, or otherwise) shall, ultimately, be directly proportional to their respective actual usage of the wastewater treatment capacity made available by the construction of Regional Wastewater Facilities. The specific provisions of this Agreement shall be interpreted to give effect to the foregoing sentence.

3. **Term and Termination.** This Agreement shall be effective as of the date first above written and shall remain in effect (a) for the full useful life of any and all Regional Wastewater Facilities, or (b) until such time as no Bonds remain outstanding, whichever is later. The expiration or sooner termination of the JPA Agreement shall not cause this Agreement to expire or terminate.

4. **Responsibilities of the City of Roseville.**

a. The City shall be responsible for the planning, permitting (including all necessary environmental compliance), design, acquisition, and construction of Regional Wastewater Facilities on behalf of the Participants. The City shall be entitled to be reimbursed from Bond proceeds, monies in the Rate Stabilization Fund, and any other available funds of the Authority, for Capital Costs incurred by the City; provided, however, that nothing in this Agreement shall be construed as a legal commitment by the Authority to reimburse or fund Capital Costs for any project unless and until the Authority has determined that all necessary environmental reviews therefor have been completed. This Agreement is not intended to, and shall not, predetermine the outcome of any such necessary environmental reviews.

b. The City shall operate and maintain the Regional Wastewater Facilities for the mutual benefit of the City, District, and County, so long as the District and County pay to the City their proportionate shares of the amounts required to be paid under this Agreement and the Operations Agreement. The City shall be entitled to be reimbursed by the District and the County for their proportionate share of Regional Operation and Maintenance Costs (as determined pursuant to the terms of the Operations Agreement). Following the termination of the Joint Powers Agreement, (1) all amounts to be paid to the Authority hereunder shall be paid to the City, and (2) all determinations to be made, and other actions to be taken, by the Authority hereunder, shall be made and taken by the City in a manner consistent with City's duty to operate and maintain the Regional Wastewater Facilities for the mutual benefit of all of the Participants.

5. **Capacity Usage.** Each Participant may use wastewater treatment plant capacity up to the maximum percentage of allocated treatment capacity set forth in the attached table:

WWTP Treatment Capacity Allocation Average Dry Weather Flow Million Gallons per Day				
	Treatment Capacity Usage June 2010	Remaining Treatment Plant Capacity	Allocated Treatment Capacity*	Percentage of Total Treatment Capacity
City	9.94	2.72	12.66	60.29%
District	4.34	1.07	5.41	25.76%
County	2.06	0.87	2.93	13.95%
Total	16.34	4.66	21.00	100.00%

* The allocated treatment capacity expressed in millions of gallons per day is based on the combined rated treatment capacity of the Pleasant Grove Plant and Dry Creek Plant as of the date of this Agreement (21.00 MGD). If a rerating is proposed for either wastewater treatment plant, the parties will meet and confer concerning the proposed rerating. If the rated treatment capacity changes for either wastewater treatment plant, the Participants will meet and confer concerning the appropriate wastewater treatment capacity allocation for each Participant. If both wastewater treatment plants are re-rated proportionately, the allocated treatment capacity expressed in millions of gallons per day automatically will be adjusted proportionately to the percentage of total treatment capacity allocated to each Participant above.

The Participants acknowledge and agree that the as-built ultraviolet disinfection capacity for the Regional Wastewater Facilities exceeds the total wastewater treatment capacity as of the date of this Agreement. The Participants further acknowledge and agree that, by payment of their Proportionate Shares under this Agreement, they will have paid for the ultraviolet disinfection capacity as shown in the table below and that such payment shall be taken into account when determining the Proportionate Shares for any future expansion of the Regional Wastewater Facilities.

Ultra Violet Disinfection Capacity Pleasant Grove and Dry Creek WWTPs					
	Pre 2000 (mgd)	2000 to 2010 (mgd)	Through Plant Utilization (mgd)	Remaining UV Capacity (mgd)	Total UV Capacity (mgd)
City	4.72	5.22	2.75	3.76	16.45
District	2.57	1.77	0.60	3.41	8.35
County	1.14	0.92	1.08	5.05	8.19
Total	8.43	7.91	4.43	12.22	32.99

- a. No Participant may exceed its maximum treatment capacity allocation absent a prior written agreement among the affected Participants reallocating both their existing maximum allocated capacity and Proportionate Shares, pursuant to

Section 12.

- b. Notwithstanding the foregoing, if (i) the capacity usage of any Participant (the "Requesting Participant") reaches 95% of such Participant's allocated capacity, and (ii) one or more other Participants are using less than 80% of their respective allocated capacities, and (iii) negotiations between the Requesting Participant and the other Participant(s) have failed to reach agreement after a reasonable time, the Requesting Participant may give a written request to the Authority to reallocate capacity as follows:
 - (1) The Authority shall first take capacity from the Participant using the smallest portion of its allocated capacity.
 - (2) The Authority shall transfer capacity to the Requesting Participant in the lesser of the following two amounts: (i) the amount requested by the Requesting Participant, or (ii) an amount that would cause the other Participant(s) to have remaining an equal percentage of its allocated capacity as the Requesting Participant.
 - (3) The affected Participants' Proportionate Shares will be reallocated pursuant to the provisions of Section 12.
- c. No capacity reallocation pursuant to the provisions of this Section 5, or associated Proportionate Share reallocation pursuant to the provisions of Section 12, shall require an amendment to this Agreement. If two affected Participants reach agreement pursuant to Section 5.a, said Participants shall give written notice of the reallocation to the Authority and the other Participant. If the Authority reallocates capacity and Proportionate Shares pursuant to Section 5.b, the Authority shall give written notice of the reallocation to all Participants.

6. Issuance of Bonds by the Authority; Bond Provisions. The Authority shall be responsible for issuing Bonds. The Authority shall use Bond proceeds and Regional Connection Fees on deposit in the Rate Stabilization Fund, and any other available funds of the Authority, to pay Capital Costs. Each Participant agrees to take all necessary and required actions to enable the Authority to obtain all necessary authorizations and rights, and to do all things necessary and convenient, in connection with issuing Bonds and delegating the responsibility for planning, permitting, environmental compliance, designing, acquiring, constructing, operating, and maintaining the Regional Wastewater Facilities to the City and, to that end, shall enter into such supplemental agreements as may be reasonably necessary to provide adequate security for the owners of Bonds and to effectuate the purposes of this Agreement.

The Participants, in order to provide adequate security for the payment of Bonds, each severally covenant, as to each such Participant, but not as to the other Participants, as set forth in Sections 7, 8, 9, 10, 11, 12, and 13.

7. Pledge and Application of Participant Net Revenues.

a. Pledge. Each Participant hereby irrevocably pledges, charges and assigns to the Trustee, to assure the punctual payment of its Proportionate Share of Debt Service, all of its Participant Net Revenues and, except as otherwise may be permitted under the applicable Bond Documents, the Participant Net Revenues shall not be used for any other purpose so long as any of its Proportionate Share of Debt Service remains unpaid. Such pledge, charge and assignment shall constitute a senior lien on the Participant Net Revenues for the payment of the Proportionate Share of Debt Service in accordance with the terms hereof. To the extent a Participant's Proportionate Share of Debt Service is not paid in full from the Aggregate Rate Stabilization Fund Draw prior to any Interest Payment Date, such Participant shall, on or before such Interest Payment Date, make a payment directly to the Trustee for deposit to the Debt Service Fund from its Participant Net Revenues to make up such deficiency.

b. Deposit of Participant Gross Revenues Into Enterprise Funds; Transfers to Make Payments.

(1) Each Participant shall deposit its Participant Gross Revenues immediately upon receipt, in its Enterprise Fund. Each Participant shall pay out of Participant Gross Revenues the Participant Operation and Maintenance Costs.

(2) Each Participant covenants and agrees that all Participant Net Revenues shall be held by such Participant in such Participant's Enterprise Fund in trust for the benefit of the Trustee and the owners of Bonds. In addition to the payment of such Participant's Proportionate Share of Debt Service to the extent provided for in Subsection 7.a, if the balance of the Reserve Account falls below the Reserve Requirement by reason of the loss of value of investments then on hand in the Reserve Account, Participant Net Revenues shall be applied to pay the amount of such Participant's Proportionate Share of such deficiency in the Reserve Account, the notice of which deficiency shall have been given by the Trustee to the Authority pursuant to the Indenture or any Parity Bonds Instrument. Upon receipt of any such notice, the Authority shall forward copies of such notice to the Participants.

c. Other Uses of Participant Net Revenues Permitted. The Participants shall manage, conserve, and apply the Participant Net Revenues on deposit in their respective Enterprise Funds in such a manner that all deposits required to be made pursuant to the preceding Subsection 7.b shall be made at the times and in the amounts so required. Subject to the foregoing sentence, each Participant may use and apply monies in its Enterprise Fund for any other lawful purposes, so long as no Event of Default shall have occurred and be continuing with respect to that Participant's obligations hereunder.

d. Budget and Appropriation of Proportionate Share of Debt Service. During the term of this Agreement, for each current Fiscal Year, each Participant shall adopt all necessary budgets and make all necessary appropriations of Rate Covenant Debt Service, from Participant

Net Revenues, and shall furnish to the Trustee a certificate stating that the amount of Rate Covenant Debt Service to be paid from Participant Net Revenues has been included in the final budget of such Participant for such current Fiscal Year. Such certificate for any Fiscal Year shall be filed with the Trustee not later than September 1 in such Fiscal Year. If any Rate Covenant Debt Service payment requires the adoption by a Participant of any supplemental budget or appropriation, such Participant shall promptly adopt the same. The covenants on the part of each Participant contained in this Subsection 7.d shall be deemed to be, and shall be construed to be, duties imposed by law and it shall be the duty of each and every public official of each Participant to take such actions and do such things as are required by law in the performance of the official duty of such officials to enable such Participant to carry out and perform the covenants and agreements in this Subsection 7.d.

e. Payment of Ongoing Costs Associated With the Bonds. If the following items are not paid by the Authority, each Participant agrees that it will pay, from Participant Net Revenues, its Proportionate Share of ongoing costs associated with the Bonds, including but not limited to: fees and expenses of the Trustee, fees of the Remarketing Agent, and fees and expenses due to the Provider under the Standby Bond Purchase Agreement and Payment Agreement (as those terms are defined in the Indenture).

8. Rate Covenant.

a. Each Participant shall fix, prescribe, revise, and collect User Charges during each Fiscal Year, which are at least sufficient, after making allowances for contingencies and error in the estimates, to yield Participant Gross Revenues sufficient to pay the following amounts in the following order of priority:

(1) All Participant Operation and Maintenance Costs estimated by such Participant to become due and payable in such Fiscal Year;

(2) The Participant's Rate Covenant Debt Service and the amount due from the Participant on any Participant Parity Obligations as they become due and payable during such Fiscal Year, without preference or priority, except to the extent such Rate Covenant Debt Service or such interest on Participant Parity Obligations are payable from proceeds of Bonds or Participant Parity Obligations deposited for such purpose;

(3) All amounts, if any, required to be contributed by such Participant to restore the balance in the Reserve Account to the full amount of the Reserve Requirement pursuant to Subsection 7.b(2); and

(4) All payments required to meet any other obligations of such Participant which are charges, liens, encumbrances upon, or which are otherwise payable from, the Participant Net Revenues during such Fiscal Year.

b. In addition, each Participant shall fix, prescribe, revise, and collect User Charges

during each Fiscal Year which are sufficient to yield Participant Net Revenues at least equal to one hundred ten percent (110%) of Rate Covenant Debt Service.

9. Rate Stabilization Fund.

a. The Rate Stabilization Fund shall be established and maintained by the Authority, or by the City of Roseville on behalf of the Authority. The Rate Stabilization Fund shall be held as one fund, with three separate accounts therein (one for each Participant), all of which, collectively, shall constitute the Rate Stabilization Fund.

b. (1) Intentionally Omitted.

(2) Each Participant shall pay all Regional Connection Fees to the Authority for deposit into the Rate Stabilization Fund, and, except as otherwise expressly set forth in this Agreement, such deposits shall be credited to the account of the Participant making the deposit. If any Participant desires to increase the balance of its account in the Rate Stabilization Fund for any reason, such Participant may, in its sole and absolute discretion, also deposit other available monies into the Rate Stabilization Fund.

(3) Intentionally Omitted.

(4) Interest on monies in the Rate Stabilization Fund for any period shall be allocated to the Participants' accounts in the Rate Stabilization Fund based on their respective average balances during such period.

c. (1) The Rate Stabilization Fund shall be used to pay:

(A) Debt Service;

(B) Bond Redemptions;

(C) Capital Costs;

(D) Reimbursement to a Participant of funds, other than Regional Connection Fees, deposited by such Participant into the Debt Service Fund, the Reserve Account, and the Rate Stabilization Fund, except to the extent such reimbursement would cause the balance of such Participant's account within the Rate Stabilization Fund to fall below its Sub-Minimum Level;

(E) Administrative and other expenses incurred by the Authority, provided, however, that if expenditures from the Rate Stabilization Fund are restricted for any reason, such Authority expenses may be charged to the Participants as Regional Operation and Maintenance Costs under the Operations Agreement; and

(F) Any other legal expenditures.

(2) (A) Amounts withdrawn from the Rate Stabilization Fund to pay for Debt Service, Bond Redemptions, and other Capital Costs for Bond-financed projects, shall be charged to the Participants' accounts within the Rate Stabilization Fund according to their respective Proportionate Shares, unless the Participants otherwise agree in writing.

(B) Amounts withdrawn from the Rate Stabilization Fund as reimbursement to a Participant of funds other than Regional Connection Fees, deposited by such Participant into the Debt Service Fund, the Reserve Account, or the Rate Stabilization Fund, shall be charged to that Participant's account within the Rate Stabilization Fund.

(C) Amounts withdrawn from the Rate Stabilization Fund to pay for Capital Costs (except for Capital Costs included in Subsection (A), above), administrative and other expenses incurred by the Authority, and other legal expenditures, shall be charged to the Participants' accounts within the Rate Stabilization Fund as reasonably determined by the Authority in accordance with the principle set forth in Subsection 2.b.

d. The Authority shall, through the Regional Connection Fee recommendation process set forth in Subsection 10.c, attempt to maintain the Rate Stabilization Fund balance at or above the Minimum Level.

e. Draws on the Rate Stabilization Fund shall not cause the funds therein to fall below the Minimum Level, except as expressly hereinafter provided.

f. (1) So long as a draw on the Rate Stabilization Fund would not cause the balance therein to fall below the Minimum Level, the Rate Stabilization Fund shall be fully available to pay Debt Service and any other legal expenditures, regardless of the amount of funds contained in a particular Participant's account within the Rate Stabilization Fund.

(2) If a draw on the Rate Stabilization Fund would have the effect of causing the Rate Stabilization Fund balance to fall below the Minimum Level, and a draw on a Participant's account within the Rate Stabilization Fund would have the effect of causing the balance in such Participant's account within the Rate Stabilization Fund to fall below such Participant's Sub-Minimum Level, such draw on a Participant's account within the Rate Stabilization Fund shall be limited, in each Fiscal Year, to an amount equal to the sum of: (A) one-third of the lesser of (I) such Participant's Sub-Minimum Level, and (II) the amount then on hand in such Participant's account within the Rate Stabilization Fund; plus (B) the amount then on hand in such Participant's account within the Rate Stabilization Fund in excess of such Participant's Sub-Minimum Level.

(3) If a Participant's (the "Underfunded Participant's") account within the Rate Stabilization Fund is unable to pay all of its Proportionate Share of Debt Service, and the then-current draw on the Rate Stabilization Fund would not have the effect of causing the Rate

Stabilization Fund balance to fall below the Minimum Level, the other Participants' (the "Paying Participants'") accounts within the Rate Stabilization Fund shall pay the unpaid portion of the Underfunded Participant's Proportionate Share of Debt Service. Such unpaid portion of the Underfunded Participant's Proportionate Share of Debt Service shall be paid out of the Paying Participants' accounts within the Rate Stabilization Fund as follows:

(A) If there is only one (1) Underfunded Participant, the Paying Participants' accounts within the Rate Stabilization Fund shall cover the unpaid portion of the Underfunded Participant's Proportionate Share of Debt Service in proportion to the Paying Participants' relative Proportionate Shares.

(B) If there are two (2) Underfunded Participants, the remaining Paying Participant's account within the Rate Stabilization Fund shall cover the unpaid portion of both Underfunded Participants' Proportionate Shares of Debt Service.

(4) (A) The parties hereto intend that no Paying Participant should be required to raise its User Charges, or take any other action under Section 8, by reason of the payment of all, or a portion of, an Underfunded Participant's (or Participants') Proportionate Share(s) of Debt Service out of the Paying Participant's account within the Rate Stabilization Fund. Within thirty (30) days after receipt of a written request from the Authority or any Paying Participant, the Authority and the Participants shall meet and agree upon a repayment schedule for the Underfunded Participant(s) that will ensure that the parties' intent, as expressed in the foregoing sentence, is given effect; provided that, in any event, Regional Connection Fees deposited in the Rate Stabilization Fund by an Underfunded Participant shall automatically be credited to the account(s) of the Paying Participant(s), up to the amount advanced by the Paying Participant(s), plus interest at the rate set forth below. If the parties are unable to agree on an appropriate repayment schedule, the matter may be referred to arbitration pursuant to Section 17. No Underfunded Participant shall be required to use funds other than Participant Net Revenues and Regional Connection Fees to make such payments to the Paying Participant's (or Participants') accounts within the Rate Stabilization Fund; provided, however, an Underfunded Participant may be required to use other funds available to such Underfunded Participant to repay any Regional Connection Fees deferred pursuant to Subsection 10.d(2). Payments by an Underfunded Participant pursuant to this Subsection 9.f(4) shall be subordinate to such Underfunded Participant's obligation to pay its Proportionate Share of Debt Service, as set forth in this Agreement.

(B) Except as provided in the following sentences, the interest rate applicable to amounts owed by an Underfunded Participant shall be equal to the interest earned by funds on hand in the Rate Stabilization Fund during the applicable period. Following a reallocation of the Participants' Proportionate Shares pursuant to the provisions of Section 12, any Underfunded Participant may submit a written request for interest rate modification to the Authority and the other Participants. Within thirty (30) days after receipt of such written request, the Authority and the Participants shall meet and agree upon an interest rate that is equitable, and that gives effect to the principle set forth in Section 2.b, in view of the then-current wastewater

capacity usage projections of the Participants. If the parties are unable to agree on an equitable interest rate, the matter may be referred to arbitration pursuant to Section 17.

g. For purposes of determining the sufficiency of amounts held in each Participant's account within the Rate Stabilization Fund, such Participant shall receive a credit for amounts held by the Trustee and attributable to such Participant to pay its Proportionate Share of Debt Service.

h. Within one hundred twenty (120) days after the end of each Fiscal Year, the Authority, or the City of Roseville on behalf of the Authority, shall contract for an independent audit of deposits to, and expenditures from, the Rate Stabilization Fund. The audit shall identify the amounts deposited by each Participant and the expenditures attributable to each Participant's account, and determine the balance of each Participant's account within the Rate Stabilization Fund. The annual audit shall be distributed to all Participants.

10. Regional Connection Fees.

a. It is the intent of the Participants that the Regional Connection Fees shall be sufficient (1) to pay all Debt Service, (2) to keep the Rate Stabilization Fund at or above the Minimum Level, (3) to provide monies for additional expansions or modifications of, or improvements to, Regional Wastewater Facilities, and (4) to meet state and federal regulatory requirements. Representatives of the parties shall meet annually in the month of May to confer on the following matters: (i) the sufficiency of the Regional Connection Fees to meet the foregoing objectives; (ii) new capital projects, if any; and (iii) the need for, and timing of, expansions to the wastewater treatment plants or other Regional Wastewater Facilities.

b. (1) Pursuant to the provisions of Subsection 9.c, those amounts in the Rate Stabilization Fund which exceed the amount necessary, in any Computation Period, to keep the Rate Stabilization Fund at or above the Minimum Level following an Aggregate Rate Stabilization Fund Draw, may also be used by the Authority to fund other expansions or modifications of, or improvements to, Regional Wastewater Facilities, subject to the prior written approval of the Authority.

(2) Notwithstanding the foregoing, and subject to the availability of funds from the Authority, when the average daily inflows to the Dry Creek Plant or Pleasant Grove Plant reach seventy-five percent (75%) of actual total capacity of either plant, respectively, the City shall begin the planning, permitting and design of the next expansion of the Pleasant Grove Plant or Dry Creek Plant, or the construction of new Regional Wastewater Facilities, as appropriate. Subject to the provisions of Section 9.f, the payment of the cost of such planning, permitting and design shall be made from the Regional Connection Fees on deposit in the Rate Stabilization Fund, or any other available funds of the Authority.

(3) Within a reasonable time after City begins the process of planning, permitting, and design, pursuant to Subsection 10.b(2), the Participants shall meet and confer

regarding their respective estimated capacity usage with respect to both Phase I Capacity and the wastewater treatment capacity to be provided by the future expansion of Regional Wastewater Facilities.

c. If amounts deposited into the Rate Stabilization Fund are insufficient to keep the balance thereof at or above the Minimum Level, and, in any event, not less than once every five (5) years, the Authority shall reevaluate the Regional Connection Fee and recommend the minimum Regional Connection Fee that the Participants shall charge. In recommending the minimum Regional Connection Fee, the Authority shall consider all appropriate factors, including, without limitation, the future Capital Costs, amount of Debt Service, the funding of the Rate Stabilization Fund, and the anticipated expansions or modifications of, or improvements to, Regional Wastewater Facilities. Each Participant shall either (1) enact and enforce the minimum Regional Connection Fee, and any increases thereto, recommended by the Authority, within one hundred twenty (120) days following receipt of notice thereof from the Authority, or (2) concurrently with the payment of Regional Connection Fees actually collected, pay to the Authority the difference between Regional Connection Fees actually collected and the amount that would have been collected (based on the same number of EDU's) had the Participant enacted and enforced the minimum Regional Connection Fee, and any increases thereto, recommended by the Authority. Nothing in this Agreement shall prohibit a Participant from adopting, for its own use, Local Connection Fees on connections within its individual service area in such amounts as it deems appropriate.

d. (1) In the case of the City and the County, Regional Connection Fees shall be paid upon the issuance of a building permit. In the case of the District, Regional Connection Fees shall be paid upon the issuance of a wastewater system application permit. Regional Connection Fees shall be transmitted by the Participants to the Authority on a monthly basis by the 15th day of each month, along with a summary report of (A) the Regional Connection Fees collected during the preceding month, (B) the dates on which the collected Regional Connection Fees were assessed, (C) the development projects (including number of EDU's) for which the collected Regional Connection Fees were assessed, and (D) any deferred Regional Connection Fees (as provided below), with copies of said report to be given to each of the other Participants.

(2) Each Participant may, in its sole discretion, allow for the deferral of Regional Connection Fees on a case-by-case basis, provided that such deferral does not cause any draw on the Rate Stabilization Fund to reduce the balance of such Participant's account within the Rate Stabilization Fund below such Participant's Sub-Minimum Level. In addition, each Participant may, in its sole discretion, allow for the deferral of Regional Connection Fees applicable to individual residences on a case-by-case basis, regardless of the balance of such Participant's account within the Rate Stabilization Fund. If a Participant allowing deferral of Regional Connection Fees becomes an Underfunded Participant, the Authority, or any Paying Participant, may require repayment of deferred amounts, plus interest, pursuant to the provisions of Subsection 9.f(4). In any event, the Participants shall pay deferred Connection Fees to the Authority, plus interest at the rate earned by funds on hand in the Rate Stabilization Fund during the period of deferral, upon collection thereof.

(3) In addition to the annual audit of Rate Stabilization Fund deposits and expenditures required by Subsection 9.h, the Authority shall retain an independent firm to conduct an audit of each Participant's Regional Connection Fee collection program within every five (5) years during the term of this Agreement. If said audit determines that there is a deficit between Regional Connection Fees that should have been collected and transmitted by any Participant and Regional Connection Fees that were actually collected and transmitted, that Participant shall pay the amount of the deficit to the Authority within a reasonable time as established by the Authority.

11. Participant Parity Obligations Secured by Participant Net Revenues. Each Participant may issue or incur Participant Parity Obligations, subject to the following specific conditions, which are hereby made conditions precedent to the issuance and delivery of such Participant Parity Obligations:

a. The Participant shall be in compliance with all covenants set forth in this Agreement.

b. The Participant's Net Revenues, calculated on sound accounting principles, as shown by the books of the Participant for the latest Fiscal Year, or any more recent twelve (12) month period selected by such Participant ending not more than ninety (90) days prior to the adoption of the documentation pursuant to which such Participant Parity Obligations are issued, as shown by the books of the Participant, plus, at the option of the Participant, any or all of the items hereinafter in this Subsection designated, shall at least equal one hundred ten percent (110%) of the sum of (1) such Participant's Rate Covenant Debt Service, and (2) the maximum annual debt service on the Participant Parity Obligations to be issued, calculated in accordance with the requirements of the resolution, trust indenture, or installment sale agreement, adopted, entered into, or executed and delivered, by the Participant, and under which such Participant Parity Obligations are to be issued. The items which may be added to such Participant's Net Revenues for the purpose of issuing or incurring Participant Parity Obligations hereunder are:

(1) an allowance for earnings arising from such Participant's Net Revenues resulting from any increase in the User Charges which has become effective prior to the incurring of such Participant Parity Obligations but which, during all or any part of such Fiscal Year or such twelve (12) month period, was not in effect, in an amount equal to the amount by which such Participant's Net Revenues would have been increased if such increase in User Charges had been in effect during the whole of such Fiscal Year or such twelve (12) month period, all as shown in the written report of an independent consultant engaged by such Participant; and

(2) an allowance for Participant Net Revenues from any additions or improvements to or extensions of the Participant's System to be financed from the proceeds of such Participant Parity Obligations or from any other source but in any case which, during all or any part of the most recent completed Fiscal Year for which audited financial statements are available or for any more recent twelve (12) month period selected by the Participant were not in

service, all in an amount equal to seventy-five percent (75%) of the estimated additional average annual Participant Net Revenues to be derived from such additions, improvements and extensions for the first thirty-six (36) month period in which each addition, improvement or extension is respectively to be in operation, all as shown by the certificate or opinion of a qualified independent engineer employed by the Participant; and

(3) Local Connection Fees collected by such Participant, in an amount equal to the greater of: (A) Local Connection Fees collected by such Participant during the prior twelve (12) months, or (B) the average annual amount of Local Connection Fees collected by such Participant during the prior thirty-six (36) months.

c. The documentation providing for the issuance of such Participant Parity Obligations shall provide that:

(1) The proceeds of such Participant Parity Obligations shall be applied to the acquisition, construction, improvement, financing or refinancing of additional facilities, improvements or extensions of existing facilities within the Participant's System, or otherwise for facilities, improvements or property which the Participant determines are of benefit to the Participant's System, or for the purpose of refunding any Bonds, or other Parity Obligations, in whole or in part, including all costs (including costs of issuing such Participant Parity Obligations and including capitalized interest on such Participant Parity Obligations during any period which the Participant deems necessary or advisable) relating thereto; and

(2) Principal on such Participant Parity Obligations shall be payable on a date which is the same date principal on Bonds is paid.

12. Determination of Participants' Proportionate Shares.

a. For purposes of this Amended and Restated Funding Agreement, the Participants' Proportionate Shares have been determined by the following factors (as explained more fully in the South Placer Wastewater Capacity Allocation and Cost Responsibility Model Assumptions, attached hereto as **Exhibit A**):

- (i) The Participants' actual usage of the constructed wastewater treatment capacity of 21.0 MGD through 2010 and their projected usage thereafter;
- (ii) The Participants' estimated future usage of the excess constructed UV disinfection capacity; and
- (iii) The City's assumption of all responsibility for the reclaimed/recycled water infrastructure.

Accordingly, as of the date of this Agreement, each Participant's Proportionate Share shall be as follows:

<u>Participant</u>	<u>Proportionate Share</u>
City:	61.66%
County:	15.91%
District:	22.43%

TOTAL:	100%

The foregoing Proportionate Shares are not identical to the maximum allocated treatment capacity percentages in Section 5 due to the Participants' estimated future usage of the UV disinfection capacity, which exceeds the current treatment capacity of 21.0 MGD. The foregoing Proportionate Shares shall be applicable while the 2011 Bonds are outstanding, unless and until reallocated in accordance with the provisions of this Section 12.

b. The foregoing Proportionate Shares shall constitute the Participants' Proportionate Shares until (i) two or more Participants agree to reallocate the existing wastewater treatment capacity pursuant to Section 5.a, or (ii) the Authority reallocates existing wastewater treatment capacity pursuant to Section 5.b, or (iii) future wastewater treatment capacity is allocated by agreement for any expansions of Regional Wastewater Facilities. Reallocation of the Participants' Proportionate Shares in connection with capacity reallocations pursuant to clauses (i) and (iii), above, shall be by agreement between the affected Participants. Reallocation of the Participants' Proportionate Shares in connection with an Authority-determined capacity reallocation pursuant to clause (ii), above, shall be by agreement among the Authority and the affected Participants; provided, if the Authority and Participants are unable to agree on an equitable reallocation of the Proportionate Shares, the matter may be referred to arbitration pursuant to Section 17. In that event, the arbitrator shall determine an equitable reallocation of Proportionate Shares in accordance with the principles of Section 2.b, amounts paid by the Participants (including carrying costs) and, insofar as applicable, the factors set forth in Section 12.a.

c. No reallocation of Proportionate Shares pursuant to the provisions of this Section 12, in connection with a capacity reallocation pursuant to the provisions of Section 5, shall require an amendment to this Agreement, provided that the Authority and Participants, as applicable, shall comply with the notice provisions of Section 5.c.

d. Intentionally Omitted.

e. The Proportionate Shares of 2011 Bond Debt Service determined pursuant to this Section 12 shall apply to the 2011 Bonds, but not to Parity Bonds, or other obligations issued by the Authority which are subordinate to the 2011 Bonds. When this Agreement refers to the "Proportionate Shares" of the Participants with respect to their respective responsibilities for the payment of Debt Service on Parity Bonds, the term shall mean the allocation agreed to by all of

the Participants at the time Parity Bonds are issued, which allocation shall be in accordance with the principles of Section 2.b.

13. Covenants of the Participants.

a. Punctual Payment; Compliance With Bond Documents. Each Participant shall punctually pay or cause to be paid the interest and principal to become due with respect to its Proportionate Share of Debt Service in strict conformity with the terms of all Bonds, and of this Funding Agreement, and shall faithfully observe and perform all of the conditions, covenants and requirements herein contained.

b. Against Encumbrances. No Participant shall mortgage or otherwise encumber, pledge or place any charge upon its Participant System or any part thereof, or upon any of its Participant Net Revenues, which would have the effect of impairing its obligation to make payments hereunder.

c. Discharge of Claims. Each Participant covenants that in order to fully preserve and protect the priority and security of all Bonds, such Participant shall pay and discharge all lawful claims for labor, materials and supplies furnished for or in connection with its Participant System which, if unpaid, may become a lien or charge upon its Participant Net Revenues prior or superior to the lien of any and all Bonds or impair the security of any and all Bonds. Each Participant shall also promptly pay all taxes and assessments or other governmental charges lawfully levied or assessed upon or in respect of its Participant System or upon any part thereof or upon any of its Participant Net Revenues.

d. Acquisition, Construction or Financing of Improvements to the Participant's System. Each Participant shall construct, or finance improvements to its Participant System which are necessary for the continuing operation of its Participant System, and such improvements shall be made in an expeditious manner and in conformity with laws so as to complete the same as soon as possible.

e. Operation and Maintenance of Participant's System in Efficient and Economical Manner. Each Participant covenants and agrees to maintain and operate its Participant System in an efficient and economical manner and to operate, maintain and preserve the Participant System in good repair and working order.

f. Against Sale, Eminent Domain.

(1) No Participant shall sell, lease, or otherwise dispose of, its Participant System or any part thereof essential to the proper operation of its Participant System or to the maintenance of its Participant Net Revenues, except as expressly permitted herein. No Participant shall enter into any lease or agreement which impairs the operation of its Participant System or any part thereof necessary to secure adequate Participant Net Revenues for the payment of the interest on and principal or redemption price, if any, on any and all Bonds, or which would

otherwise impair the rights of the holders of any and all Bonds with respect to its Participant Net Revenues or the operation of its Participant System. Any real or personal property which has become non-operative or which is not needed for the efficient and proper operation of its Participant System, or any material or equipment which has worn out, may be sold without the consent of the holders of the Bonds if such sale will not reduce Participant Net Revenues.

(2) If all or any part of a Participant's System shall be taken by eminent domain proceedings, the net proceeds realized by the Participant therefrom shall be deposited by the Participant with the Trustee in a special fund in trust and applied by the Participant as the Participant deems prudent, if (A) the Participant first secures and files with the Trustee a certificate showing (I) the estimated loss in annual Participant Net Revenues, if any, suffered, or to be suffered, by the Participant by reason of such eminent domain proceedings, (II) a general description of the Participant's proposed use of such net proceeds, and (III) an estimate of the additional Participant Net Revenues, if any, to be derived from such use of net proceeds; and (B) the Trustee, on the basis of such certificate, determines that the ability of the Participant to meet its obligations hereunder will not be substantially impaired, which determination shall be final and conclusive. If the foregoing conditions are met, the Participant shall then promptly proceed with the proposed use of such net proceeds substantially in accordance with such certificate and payments therefor shall be made by the Trustee from such net proceeds and from other monies of the Participant lawfully available therefor, and any balance of such net proceeds not required by the Participant for the purposes aforesaid shall be transferred to the Participant.

g. Insurance. Each Participant covenants that it shall at all times maintain such insurance on its Participant System as is customarily maintained with respect to works and properties of like character against accident to, loss of or damage to such works or properties. No Participant shall be required to maintain earthquake insurance. If any useful part of the Participant System shall be damaged or destroyed, such part shall be restored to use. The net proceeds of insurance against accident to or destruction of the Participant System shall be used for repairing or rebuilding the damaged or destroyed portions of the Participant System (to the extent that such repair or rebuilding is determined by the Participant to be useful or of continuing value to the Participant's System) and to the extent not so applied, shall be applied as the Participant determines.

Any such insurance shall be in the form of policies or contracts for insurance with insurers of good standing and shall be payable to the Participant, or may be in the form of self-insurance by the Participant. The Participant shall establish such fund or funds or reserves as are necessary to provide for its share of any such self-insurance. The Participant shall file or cause to be filed with the Trustee, annually within one hundred twenty (120) days after the close of each Fiscal Year, a certificate describing such insurance.

h. Records and Accounts. Each Participant shall keep proper books of record and accounts of the finances of its Participant System, separate from all other records and accounts, in which complete and correct entries shall be made of all transactions relating to its Participant System. Said books shall, upon reasonable request, be subject to the inspection of the holders of

Bonds.

Each Participant covenants that it shall cause the books and accounts of its Participant System to be audited annually by an Independent Certified Public Accountant and shall make available for inspection by the owners of Bonds.

Each Participant covenants that it shall cause to be prepared annually, not more than one hundred eighty (180) days after the close of each Fiscal Year, as a part of its regular annual financial report, a summary statement showing the amount of revenues and the amount of all other funds collected which are required to be pledged or otherwise made available as security for payment of principal of and interest on Bonds, the disbursements from the revenues and other funds in reasonable detail, and a general statement of the financial and physical condition of its Participant System. The Participant shall furnish a copy of the statement to the Trustee, and upon written request, to any Bond owner.

i. Protection of Security and Rights of Owners. Each Participant shall preserve and protect the security of all Bonds and the rights of all Bond owners, and shall warrant and defend their rights against all claims and demands of all persons.

j. Against Competitive Facilities. No Participant shall acquire, construct, operate or maintain a utility within the service area of such Participant that would be competitive with its Participant System.

k. Payment of Taxes, Etc. Each Participant shall pay and discharge all taxes, assessments and other governmental charges which may be lawfully imposed upon its Participant System or any part thereof, or upon any Participant Net Revenues, when the same shall become due. Each Participant shall duly observe and conform to all valid requirements of any governmental authority relative to its Participant System or any part thereof, and shall comply with all requirements with respect to any state or federal grants received to assist in paying for the costs of the acquisition, construction or financing of any improvements to its Participant System.

l. Enforcement of Funding Agreement. Each Participant shall enforce its rights under this Agreement to receive its allocation of wastewater treatment capacity so as to ensure availability of wastewater treatment to customers within its jurisdiction.

m. No Priority for Participant Parity Obligations. Each Participant covenants that no additional bonds or other obligations shall be issued or incurred having any priority in payment over any and all Bonds as to revenues pledged to any and all Bonds.

n. Further Assurances. Each Participant shall adopt, make, execute and deliver any and all such further resolutions, instruments and assurances as may be reasonably necessary or proper to carry out the intention of, or to facilitate the performance of the Authority under, the applicable Bond Documents.

o. Continuing Disclosure. Each Participant shall comply with and carry out all of the provisions of the Continuing Disclosure Undertaking (executed by such Participant in connection with the Authority's issuance of Bonds) regarding its obligation to provide the Authority with information necessary to meet the Authority's continuing disclosure obligations, as set forth in Section 5.19 of the Indenture or any corresponding provisions of Parity Bonds Instruments, if any.

14. Amendments; Expiration of Certain Provisions.

a. This Agreement may be amended only by the unanimous written agreement of the Participants. So long as any Bonds are outstanding and unpaid, or funds are not otherwise set aside for the payment or redemption thereof in accordance with the terms of said Bonds and the documentation relating thereto, this Agreement shall not be amended, modified or otherwise revised, changed or rescinded, unless the Participants have first complied with the procedures required to amend the indenture for said Bonds.

b. Upon redemption or retirement of all Bonds, provisions of this Agreement that are solely for the benefit of owners of Bonds shall be held in abeyance, unless and until additional Bonds, if any, are issued by the Authority.

15. Rights of Participants and Third Parties. The Trustee, and Authority's credit enhancement provider, if any, shall have the right, as third-party beneficiaries of this Agreement, to initiate and maintain legal proceedings to enforce this Agreement to the extent provided for in the applicable Bond Documents. Except as provided in the foregoing sentence, nothing in this Agreement, express or implied, is intended to confer any rights or remedies under, or by reason of, this Agreement on any person other than the parties hereto and their respective permitted successors and assigns. If an Event of Default occurs hereunder, the parties hereto, the Trustee, and Authority's credit enhancement provider, if any, shall have the right to take whatever action it, or they, deem(s) necessary or advisable to ensure that such defaulting party complies with the provisions hereof, including, without limitation, bringing an action in law or in equity. In any action brought by any party to enforce the terms of this Agreement, the prevailing party shall be entitled to recover its reasonable attorney's fees. Any action arising out of this Agreement shall be brought in Placer County, California, regardless of where else venue may lie.

16. Notices. Any notices to parties required by this Agreement shall be delivered or mailed, U.S. first class, postage prepaid, addressed as follows:

SOUTH PLACER WASTEWATER
AUTHORITY
2005 Hilltop Cir.
Roseville, CA 95747
Attention: Executive Director

With a copy to:
Authority's General Counsel
Miller & Owen
428 J St., Suite 400
Sacramento, CA 95814
Attention: Paul J. Chrisman

CITY OF ROSEVILLE
Environmental Utilities Department
2005 Hilltop Cir.
Roseville, CA 95747
Attention: Environmental Utilities Director

With a copy to:
Roseville City Attorney
311 Vernon St.
Roseville, CA 95678
Attention: City Attorney

Finance Department
311 Vernon St., Room 206
Roseville, CA 95678
Attention: Finance Director

SOUTH PLACER MUNICIPAL UTILITY
DISTRICT
5807 Springview Dr.
Rocklin, CA 95677
Attention: General Manager

With a copy to:
District's General Counsel
Brown & Associates
11140 Fair Oaks Boulevard, Suite 100
Fair Oaks, CA 95628
Attention: Adam Brown

COUNTY OF PLACER
Department of Facilities Services
Special Districts Division
11476 "C" Avenue
Auburn, CA 95603
Attention: Director

With a copy to:
Placer County Counsel
175 Fulweiler Avenue
Auburn, CA 95603
Attention: County Counsel

Notices under this Agreement shall be deemed given and received at the earlier of actual receipt, or the second business day following deposit in the United States mail, as required above. Any party may amend its address for notice by notifying the other parties.

17. Arbitration Regarding Repayment Schedules and Interest Rates.

a. Any disagreement among the Participants concerning the repayment schedule(s), or interest rate(s), to be determined pursuant to Subsection 9.f(4) shall be submitted to arbitration upon the written request of one Participant being given to the other Participants.

b. The Participants may agree on one arbitrator. If they cannot agree on one arbitrator, there shall be three, with each Participant naming one independent arbitrator in writing within thirty (30) days after demand for arbitration is given. Should one or more Participants refuse or neglect to join in the appointment of the arbitrator(s) or to furnish the arbitrator(s) with any papers or information demanded, then (1) if only one Participant has timely designated an arbitrator, the arbitrator shall proceed ex parte to consider the matter, or (2) if two Participants have timely designated arbitrators, the arbitrators shall appoint a third arbitrator and proceed ex

parte to consider the matter.

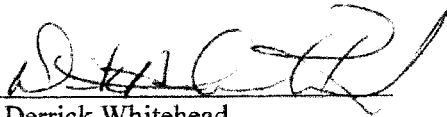
c. A hearing on the matter to be arbitrated shall take place before the arbitrator(s) in the County of Placer, State of California, at the time and place selected by the arbitrator(s). The arbitrator(s) shall select the time and place promptly and shall give each Participant written notice of the time and place at least ten (10) days before the date selected. At the hearing, any relevant evidence may be presented by any Participant, and the formal rules of evidence applicable to judicial proceedings shall not govern. Evidence may be admitted or excluded in the sole discretion of the arbitrator(s). The arbitrator(s) shall hear and determine the matter and shall execute and acknowledge the award in writing and cause a copy of the writing to be delivered to each of the Participants.

d. If there is only one arbitrator, his or her decision shall be binding and conclusive on the Participants and, if there are three arbitrators, the decision of any two shall be binding and conclusive. The submission of a dispute to the arbitrator(s) and the rendering of a decision, if any, by the arbitrator(s) shall be a condition precedent to any right of legal action on the dispute. A judgment confirming the award may be given by any Superior Court having jurisdiction, or that Court may vacate, modify, or correct the award in accordance with the provisions of the California Arbitration Act.

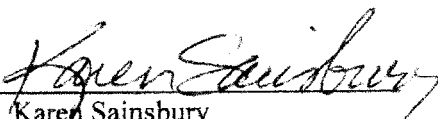
18. Counterparts. This Agreement may be executed in any number of counterparts, and by different parties in separate counterparts, each of which, when executed and delivered, shall be deemed to be an original and all of which counterparts taken together shall constitute but one and the same instrument.

IN WITNESS WHEREOF, the South Placer Wastewater Authority, the City of Roseville, the South Placer Municipal Utility District and the County of Placer have each caused their duly authorized officers to execute this Agreement effective as of the date first written above.

SOUTH PLACER WASTEWATER AUTHORITY

BY: 
Derrick Whitehead
Executive Director

ATTEST:

BY: 
Karen Sainsbury
Secretary, Board of Directors

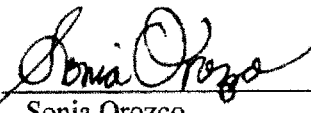
APPROVED AS TO LEGAL FORM:

BY: 
Paul J. Chrisman
Authority's General Counsel

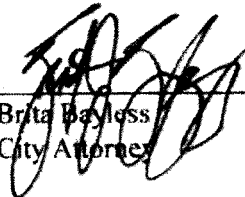
CITY OF ROSEVILLE

BY: 
Ray Kerridge
City Manager

ATTEST:

BY: 
Sonia Orozco
City Clerk

APPROVED AS TO FORM:

BY: 
Brita Bayless
City Attorney

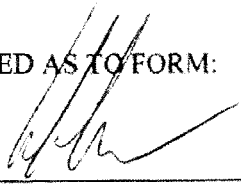
APPROVED AS TO SUBSTANCE:

BY: 
Derrick Whitehead
Environmental Utilities Director

SOUTH PLACER MUNICIPAL UTILITY DISTRICT

BY: 
Charley Clark
General Manager

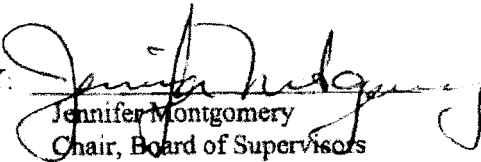
APPROVED AS TO FORM:

BY: 
Adam Brown
District Counsel

ATTEST:

BY: 
Charley Clark
Secretary to the Board of Directors

COUNTY OF PLACER

BY: 
Jennifer Montgomery
Chair, Board of Supervisors

APPROVED AS TO FORM:

BY: 
Anthony J. LaBouff
County Counsel

ATTEST:

BY: 
Ann Holman
Clerk, Board of Supervisors

EXHIBIT A

South Placer Wastewater Capacity Allocation And Cost Responsibility Model Assumptions

NOTE: This Exhibit is intended for informational purposes only. In the event of any conflict between this Exhibit and the Amended in Restated Funding Agreement relating to the South Placer Regional Wastewater Facilities ("Funding Agreement"), the Funding Agreement shall control.

MODEL SUMMARY

The three agencies (Roseville, SPMUD and Placer County) agreed to a straight-line reallocation model used to formulate restructuring options for partner debt liability. This methodology incorporates changing influent loading rates and flows over time to determine available treatment plant capacities. Each agency established growth projections through 2050, which are used to estimate future treatment plant capacity needs for each agency.

The following tables work through the agreement that was reached utilizing the SPWA Reallocation Model last updated 6-18-2012. Table 1 summarizes the original debt liability agreement with the associated allocated capacity. It should be noted that under the original agreement, all capacity is available on a first come first serve basis.

Associated Capacity Related to Original Debt Liability				
Table 1				
Original Liability Percentage	Agency	2000 (mgd)*	Available Capacity (mgd)	Allocated Capacity (mgd)**
54.17%	Roseville	4.72	6.81	11.53
25.00%	SPMUD	2.57	3.14	5.71
20.83%	Placer County	1.14	2.62	3.76
		8.43	12.57	21.00

* Adjusted capacity based on influent loading rates

** Adjusted treatment capacity because of higher influent loading rates.

Reallocation of capacity was reached through evaluating agency use of existing wastewater treatment plant (WWTP) capacity combined with projected needs through full utilization of the facilities (Dry Creek and Pleasant Grove WWTPs). This assessment estimated full plant utilization, by partner, for both treatment plants.

Table 2 summarizes treatment plant usage as of June 2010 as well as remaining allocated capacity by agency and by treatment plant.

Treatment Plant Usage in 2010 Table 2					
Agency	Dry Creek WWTP (mgd)	Pleasant Grove WWTP (mgd)	2010 Total Usage (mgd)	Total Allocated Capacity (mgd)	Remaining Agency Capacity (mgd)
Roseville	4.81	5.13	9.94	11.53	1.59
SPMUD	2.38	1.96	4.34	5.71	1.37
Placer County	1.92	0.14	2.06	3.76	1.7
2010 Total	9.11	7.23	16.34	21.00	4.66
Available Capacity	11.5	9.5	21.00		
Remaining WWTP Capacity	2.39	2.27	4.66		

Table 1 summarizes original treatment plant allocations based on the 2000 Funding Agreement liability percentages. Table 2 outlines how capacity was used through 2010 and summarizes remaining treatment capacity at both treatment plants with distributions of the remaining capacity by partner. Table 3 presents how allocated capacity has been redistributed amongst the partners to meet future needs and make the deal work. *Note that South Placer Municipal Utility District is projecting to use less than their reallocated capacity. The District offered to take on a higher debt liability than what their projected needs dictated.*

Table 3 presents how allocated capacity has been redistributed amongst the partners to meet future needs and make the deal work. *Note that South Placer Municipal Utility District is projecting to use less than their reallocated capacity. The District offered to take on a higher debt liability than what their projected needs dictated.*

Summary of Treatment Plant Capacity Reallocation Between Partners Table 3					
Agency	Projected Need (mgd)	Allocated Capacity (mgd)*	Shifted Capacity (mgd)	Reallocated Capacity (mgd)	%
Roseville	12.69	11.52	1.14	12.66	60.29%
SPMUD	4.96	5.72	-0.31	5.41	25.76%
Placer County	3.31	3.76	-0.83	2.93	13.95%
	20.96	21		21.00	

Under the Reallocation Agreement, original treatment capacity (calculated from the debt liability percentages) was redistributed to the City from both the District and the County. Shifted or reallocated capacity is summarized in Table 3. Reallocated capacity percentages are based solely on available treatment plant capacity. These percentages differ from the debt liability percentages in Table 10, because debt liability takes into account remaining UV Disinfection capacity beyond available treatment plant capacity and the singular responsibility for Recycled Water being transferred to the City of Roseville.

Tables 1 through 4 summarize plant utilization through June 2010 and how the remaining treatment capacity at each plant is now and will be assigned to each agency through the reallocation agreement.

Used and Remaining Capacity at Each WWTP - 2010 Table 4							
Agency	Dry Creek WWTP			Pleasant Grove WWTP			Overall Total
	Existing	New	Total	Existing	New	Total	
Roseville	4.81	0.91	5.72	5.13	1.81	6.94	12.66
SPMUD	2.38	0.74	3.00	1.96	0.45	2.41	5.41
Placer County	1.92	0.74	2.78	0.14	0.01	0.15	2.93
			11.50			9.50	21.00

If the characterization of available treatment capacity changes due to changes in flow; changes in influent concentrations (loading rates) or for some other reason; the percentages in Table 5 are to be used to reassign the rated treatment plant capacity.

Agency Treatment Plant Capacity Allocation At Each WWTP Table 5						
Agency	DC WWTP (mgd)	%	PG WWTP (mgd)	%	Total (mgd)	Overall %
Roseville	5.72	49.74%	6.94	73.05%	12.66	60.29%
SPMUD	3.00	26.09%	2.41	25.37%	5.41	25.76%
Placer County	2.78	24.17%	0.15	1.58%	2.93	13.95%
	11.50		9.50		21.00	

To fully understand the methodology used in the "reallocation model", the capital plan associated with the last expansion is overlaid on available capacity (12.57 mgd). Tables 6 through 9 outline the procedure:

- Identify Unit Costs and overlay capital plan on available capacity;

- Calculate UV disinfection cost for existing (8.43 mgd), available (12.57 mgd), and remaining (12 mgd) disinfection capacity.
- Calculate the available treatment capacity (12.57 mgd) cost. This cost included the associated transmission facilities needed to redirect flow from the Dry Creek Plant to the Pleasant Grove Plant;
- Summarize costs by agency for UV, Treatment, and Recycled Water and determine agency percentage of cost.

The percentage of cost is Agency's new debt liability. Table 6 identifies the unit costs for major elements of the capital plan (treatment, transmission, UV disinfection, and recycled water). The overall capital plan totaled \$258.72 million.

Unit Cost Capital Plan Summary Table 6								
					Total Capital Plan Cost Summary			
					Existing UV Only	Treatmnt, UV and RW	Remain UV Only	
	Unit \$/ gpd	Ext Mgd	Available Capacity mgd	UV Remain mgd	Exist Million \$	New Million \$	Million \$	Total Million \$
Treatment Cost	13.12	8.43	12.57	0	0	164.92	0	164.92
UV Cost	1.94	8.43	12.57	12	16.36	24.39	23.28	64.03
Transmission Cost	1.33		9.47	0	0	16.67	0	16.67
Recycled Water	0				0	13.1*	0	13.1
Total:		8.43	12.57	12	16.36	219.08	23.28	258.72

* Lump sum amount for recycled water capital projects.

Tables 7 and 8 calculate the cost of ultraviolet disinfection for existing capacity in 2000; for available capacity after the Pleasant Grove wastewater treatment plant; and, for excess UV disinfection capacity beyond that of the constructed treatment plant capacity (33 mgd UV versus 21 mgd of treatment plant capacity).

Table 8 calculates the cost of wastewater treatment plant capacity and the ancillary transmission facilities that were necessary to bring on the second plant.

UV Disinfection Allocation - Three Stages 1) Through 2000; 2) 2000 through Plant Build Out; 3) Remaining Capacity Table 7							
Agency	UV Disinfection up to 2000 (1)		UV Disinfection from 2000 through Plant Capacity Build Out (2)		Remaining UV Disinfection Capacity (3)		Total
	UV		UV		UV		
	mgd	1.94*	mgd	1.94*	mgd	1.94*	
		million \$		million \$		million \$	million \$
Roseville	4.72	9.16	7.94	15.40	3.69	7.16	31.72
SPMUD	2.57	4.99	2.84	5.51	3.35	6.50	16.99
Placer County	1.14	2.21	1.79	3.47	4.96	9.62	15.31
	8.43	16.36	12.57	24.39	12.00	23.28	64.02

* UV cost in million \$ per mgd

Constructed Treatment Plant Capacity Excluding UV Disinfection Table 8					
Agency	Total Capacity Available When PGWWTP Came on Line - 2005 DCWWTP mgd	Treatment \$14.45 million / mgd			
		PGWWTP mgd	Avail Cap mgd	million \$	
Roseville	1.00	6.94	7.94	114.73	
SPMUD	0.43	2.41	2.84	41.04	
Placer County	1.64	0.15	1.79	25.87	
	3.07	9.50	12.57	181.64	

Table 9 is a compilation of costs calculated in Tables 6, 7 and 8 for each agency. Once the total cost allocation is known, the percent debt liability can be calculated.

Agency Reallocation of Debt Liability Percentage Based on Total Dollars Table 9					
	UV million	Treatment million	Other million	Total million	Debt Liability
Agency	\$	\$	\$	\$	%
Roseville	31.72	114.73	13.1	159.55	61.66%
SPMUD	16.99	41.04		58.03	22.43%
Placer County	15.31	25.87		41.17	15.91%
	64.02	181.64	13.1	258.76	

Other Deal Points

- Roseville will own and operate the recycled water system and have the right to all the effluent from both plants and the operating revenue received from the sale of the recycled water. The City and County will develop the appropriate agreements to allow the City to operate the Recycled Water Utility throughout the JPA service area.
- If a partner needs to purchase wastewater treatment capacity from one of the other agencies, it will not be unreasonably withheld, but the cost will be at a premium rate.
- Pursuant to Section 9.(4) of the Funding Agreement, interest accrues on any deficit in a member partner's individual Rate Stabilization Fund sub-account. For purposes of calculating interest owed by the County, only the reallocated rate stabilization fund balance (currently in a deficit condition) will be used to calculate the lost interest earnings.
- The intent of the reallocation of the rate stabilization fund is to ensure by the next plant expansion, estimated at 2022 for the Pleasant Grove WWTP or 2030 for the Dry Creek WWTP, all participating agencies will have a fund balance sufficient to ensure that the capitol program (rate stabilization fund) will not carry negative fund balances going forward.

RESOLUTION NO. 12-313

APPROVING THE AMENDED AND RESTATED JOINT EXERCISE OF POWERS
AGREEMENT FOR THE SOUTH PLACER WASTEWATER AUTHORITY; THE
AMENDED AND RESTATED OPERATION AND USE AGREEMENT; THE AMENDED
AND RESTATED FUNDING AGREEMENT; AND, THE REALLOCATION AND
REPAYMENT AGREEMENT

WHEREAS, the City of Roseville (the "City"), together with the County of Placer (the "County") and the South Placer Municipal Utility District (the "District") (collectively, the "Participants"), have formed a joint powers agency, known as the South Placer Wastewater Authority (the "Authority") for the purpose of jointly financing the Pleasant Grove Wastewater Treatment Plant, improvements to the Dry Creek Wastewater Treatment Plant, and Related Regional Infrastructure; and

WHEREAS, effective October 1, 2000, the Authority and the Participants entered into the Funding Agreement Relating to the South Placer Regional Wastewater Facilities (the "Funding Agreement") and an Agreement regarding the Operation and Use of the South Placer Regional Wastewater Facilities (the "Operations Agreement") to provide for, among other things, (i) capital funding for the Regional Wastewater Facilities, (ii) the Participants' respective responsibilities to pay debt service, (iii) the Participants' respective rights to use the Regional Wastewater Facilities, and (iv) the operation and maintenance of the Regional Wastewater facilities; and

WHEREAS, the Authority and the Participants desire to amend the Funding Agreement and Operations Agreement, and to enter into the Reallocation and Repayment Agreement in order to provide for, among other things, (i) reallocation of the Participants' Proportionate Shares, (ii) reallocation of wastewater treatment capacity and modification of provisions concerning future capacity usage, (iii) reallocation of amounts in the Participants' subaccounts within the Rate Stabilization Fund created under the Funding Agreement, (iv) future additions to the wastewater treatment service area, (v) transfer of recycled wastewater infrastructure to the City, and (vi) makeup contributions by the County to address the shortfall in its Rate Stabilization Fund subaccount; and

WHEREAS, the Participants also desire to amend the Joint Exercise of Powers Agreement for the South Placer Wastewater Authority for consistency with the Amended and Restated Funding and Operations Agreements.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Roseville as follows:

A. The following agreements are hereby approved:

1. The Amended And Restated Joint Exercise Of Powers Agreement For The South Placer Wastewater Authority;
2. The Amended And Restated Funding Agreement Relating To The South Placer Regional Wastewater Facilities;
3. The Amended And Restated Agreement Regarding The Operation and Use Of The South Placer Regional Wastewater Facilities; and
4. The Reallocation And Repayment Agreement.

B. The City Manager is hereby authorized to execute the aforementioned agreements, subject to any non-substantive changes as may be approved by the City Manager and City Attorney.

PASSED AND ADOPTED by the Council of the City of Roseville this 15th day of August, 2012, by the following vote on roll call:

AYES COUNCILMEMBERS: Allard, Herman, Rohan, Roccucci

NOES COUNCILMEMBERS: None

ABSENT COUNCILMEMBERS: Garcia


MAYOR

ATTEST:


City Clerk

The foregoing instrument is a correct copy
of the original on file in this office.

ATTEST:
City Clerk of the City of Roseville, California


DEPUTY CLERK

RESOLUTION NO. 18-327

APPROVING A DEBT SERVICE REPAYMENT AGREEMENT FOR THE CLEAN WATER STATE REVOLVING FUND PROGRAM BETWEEN THE CITY OF ROSEVILLE AND SOUTH PLACER WASTEWATER AUTHORITY, AND AUTHORIZING THE ACTING CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, a Debt Service Repayment Agreement regarding the Clean Water State Revolving Fund Program, by and between the City of Roseville and South Placer Wastewater Authority ("SPWA"), in connection with the Pleasant Grove Wastewater Treatment Plant Expansion and Energy Recovery Project, has been reviewed by the City Council; and

WHEREAS, SPWA has authorized its Executive Director to enter into the Agreement with the City to reimburse the City for amounts paid in connection with the Clean Water State Revolving Fund Program in accordance with SPWA Resolution Numbers 2017-10, 2017-11, 2017-12, 2017-13, and 2017-14, which were adopted by the SPWA Board of Directors at the August 17, 2017 SPWA board meeting; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said Debt Service Repayment Agreement is hereby approved and that the Acting City Manager is authorized to execute it on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this 1st day of August, 2018, by the following vote on roll call:

AYES COUNCILMEMBERS: Gore, Alvord, Herman, Allard, Rohan

NOES COUNCILMEMBERS: None

ABSENT COUNCILMEMBERS: None



MAYOR

ATTEST:


City Clerk



JONES HALL

March 12, 2020

State Water Resources Control Board
Division of Financial Assistance
Attn: Anabel Ruiz
1001 I St., 16th floor
Sacramento, CA 95814

475 Sansome Street
Suite 1700
San Francisco, CA 94111
t. 415.391.5780
f. 415.276.2088

Re: City of Roseville ("City") – Pleasant Grove Wastewater Treatment Plant
Expansion and Energy Recovery Project – CWSRF Project No. C-06-8215-210
and C-06-8215-110 ("Project")

Ladies and Gentlemen:

I am Bond Counsel to the City in connection with the Project. This opinion is delivered to the State Water Resources Control Board ("State Water Board") at the request of the City. In connection therewith, I have reviewed originals of the Installment Sale Agreement between the City and the State Water Board ("Agreement"), the City's resolution pledging revenues and funds adopted on August 1, 2018, the City's reimbursement resolution adopted on October 4, 2017, documents related to each of the obligations listed in Exhibit F of the Agreement, the City's tax questionnaire dated September 29, 2017, and such other documents, legal opinions, instruments and records, and have made such investigation of law, as I have considered necessary or appropriate for the purpose of this opinion.

To the best of my knowledge and based upon a reasonable investigation, the execution and delivery of the Agreement and the consummation of the transactions therein will not conflict with or constitute a breach of or default (with due notice or the passage of time or both) under any bond, debenture, note or other evidence of indebtedness, or any material contract, agreement or lease to which the City is a party or by which it or its properties are otherwise subject or bound.

The Agreement has been duly authorized, executed, and delivered, and assuming due authorization, execution and delivery of the Agreement by the State Water Board, constitutes a legal, valid and binding obligation of the City enforceable against the City in accordance with its terms.

Sincerely,

David Fama, Vice President
Jones Hall, A Professional Law Corporation



COUNCIL COMMUNICATION

CC #: 0713

File #: 0201

Title: Financial Update

Contact: Scott Pettingell 916-746-1306 spettingell@roseville.ca.us
Dennis Kauffman 916-774-5313 dkauffman@roseville.ca.us

Meeting Date: 4/15/2020

Item #: 8.1.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council receive a financial update presentation.

BACKGROUND

Given the fiscal uncertainty resulting from the COVID-19 pandemic, staff will provide Council with a financial update, including an updated schedule for developing the proposed Fiscal Year 2020-21 budget.

FISCAL IMPACT

Not applicable.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. A financial update meets the above criteria and is not subject to CEQA. No additional environmental review is required.

Respectfully Submitted,

Scott Pettingell, Budget Manager

Dennis Kauffman, Assistant City Manager/Chief Financial Officer

A handwritten signature in blue ink, consisting of several overlapping loops and a final horizontal stroke.

Dominick Casey, City Manager



COUNCIL COMMUNICATION

CC #: 0694

File #: 0103 & 0103-07-03

Title: Appointment to Planning Commission - Unscheduled Vacancy

Contact: Katrina Six 916-774-5267 kmsix@roseville.ca.us

Meeting Date: 4/15/2020

Item #: 9.1.

RECOMMENDATION TO COUNCIL

Recommend the City Council appoint one (1) individual to the Planning Commission with a term expiring June 30, 2021 from the applications received from: Kimberly Bailey, Joshua Emerson, Tracy Librea, Renee Perez, and John Prior.

BACKGROUND

The resignation of Kristine Dohner created an unscheduled vacancy on the Planning Commission with a term ending June 30, 2021.

FISCAL IMPACT

There is no fiscal impact.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. The appointment of members to boards or commissions does not include the potential for a significant environmental effect, and therefore is not subject to CEQA.

Respectfully Submitted,

Katrina Six, Deputy City Clerk

Sonia Orozco, City Clerk

A handwritten signature in blue ink, consisting of several overlapping loops and a final horizontal stroke.

Dominick Casey, City Manager



COUNCIL COMMUNICATION

CC #: 0701

File #: 0704 & 1001

Title: West Roseville Specific Plan Parcel F-55 Park Abandonment

Contact: Greg Bitter 916-774-5294 gbitter@roseville.co.us

Meeting Date: 4/15/2020

Item #: 10.1.

RECOMMENDATION TO COUNCIL

Staff recommends City Council:

- A. Hear public testimony regarding the abandonment of a portion of a City Park (West Roseville Specific Plan Parcel F-55); and
- B. Adopt a resolution overruling any objections and ordering a portion of West Roseville Specific Plan Parcel F-55 to be abandoned as a City Park and the land sold.

BACKGROUND

On July 17, 2019, the City Council adopted Resolution No. 19-337 finding that the exchange of a portion of City-owned West Roseville Specific Plan (WRSP) Parcel F-55 (the portions to be known as Parcel F-55a and F-20b as described in Exhibit A and depicted in Exhibit B) for WRSP Parcel W-60a, owned by West Roseville, LLC (Westpark), is in the City's best interest. Completion of the land exchange and subsequent entitlements will allow the City to construct a multi-field sports facility on Parcel W-60a and Westpark to facilitate the development of 99 homes on Parcel F-55a.

The City intended to create a multi-field sports facility on Parcel F-55 in order to meet the community's increasing demands for long-field facilities for soccer, lacrosse, rugby, and other sports, and to create another venue in the City for sports tourism. The City began planning for this facility, which included the development of conceptual layouts and the completion of supporting technical studies. Later, the City entered into an agreement with Placer Valley Tourism (PVT) to develop a larger regional sports facility, and at that time included additional land to the west of Parcel F-55 to accommodate PVT's needs for a specific number of fields. The technical studies prepared as part of the PVT project documented severe development and environmental constraints on the property adjacent to the F-55 parcel. In addition, PVT discovered that the western property had not been analyzed for development in the WRSP EIR, nor had wetlands permitting been done for that western property. The time required to prepare an EIR and obtain federal and state permits pushed the project schedule beyond the timeline dictated by PVT's schedule to open the facility, and PVT withdrew from the agreement with the City. The City then evaluated Parcel F-55 for its intended use as a City long-field sports facility. The City concluded that the site was challenged by a lack of infrastructure, an irregular shape that constrained long

field development, and by roadway circulation to Parcel F-55 that would not allow the City to achieve its plans for six fields and provide on-site parking sufficient to serve such a facility. Westpark owns Parcel W-60a, which has a non-residential land use designation and is located between Westpark Boulevard and the Pleasant Grove Wastewater Treatment Plant. This parcel has a rectangular shape on flat land and has frontage on a completed roadway with installed water and sewer infrastructure. In addition, Parcel W-60a has approved wetland permits and all mitigation obligations have been met. The site is adjacent to another City-owned park site, and development of the site with a multi-field sports facility would provide a buffer between the treatment plant to the east and residential parcels across Westbrook Boulevard to the west. Long-term, this site will also provide better circulation and access opportunities.

The resolution adopted by the City Council on July 17, 2019 included authorization for the City Manager to execute a Purchase and Sale Agreement (PSA) along with other instruments necessary to complete the land exchange. The approved PSA established that the land exchange will result in the City receiving all 25.20 acres of Parcel W-60a and Westpark receiving 24.77 acres, which is a portion of Parcel F-55.

The PSA includes provisions for land use entitlements and other actions necessary for the City and Westpark to develop their respective properties as described below:

Parcel W-60a: The City proposes to acquire Parcel W-60a in order to develop a multi-field sports facility. This property has a land use and zoning designation of Light Industrial and M1/SA. The entitlements include a General Plan Amendment, Specific Plan Amendment, and Rezone to Parks and Recreation (PR), as well as an update to the Specific Plan to reflect a new conceptual park plan, and an amendment of the applicable Development Agreement.

Parcel F-55: Westpark proposes to acquire Parcel F-55a and develop the site with residential units and to acquire Parcel F-20b in order to improve as a parking area for the Siena Apartments currently located on Parcel F-20. This property has a land use and zoning designation of Parks and Recreation (PR). The entitlements include a General Plan Amendment, Specific Plan Amendment, and Rezone to a residential land use; a subdivision map; and an amendment of the applicable Development Agreement. Formal abandonment of the property as a park site is also required. The proposed resolution associated with this Council Communication is the second and final action of the park abandonment process.

PARK ABANDONMENT

California law allows a municipality to abandon all or any portion of a park and sell the land pursuant to procedures set forth in the Municipal Park Abandonment Law of 1939, set forth in California Government Code Sections 38501-38510 (the Municipal Park Abandonment Law). The Municipal Park Abandonment Law provide a two-step process for a city to abandon a park and sell the park land: (1) adopt a resolution of intention to abandon a park, and (2) consider any objections and order all or any portion of a park to be abandoned.

On February 19, 2020, the City Council adopted Resolution No. 20-047 declaring the Council's intent to abandon a portion of Parcel F-55. With this resolution, the Council made the following findings as they relate to all or any portion of the purported park: (1) the land has not been used by the public for park purposes; (2) no consideration has been paid for the land except by the City; (3) no public funds have been expended to improve the land as a park; and (4) the land was dedicated for park purposes by the recording of a grant deed with the County Recorder. In the case of WRSP Parcel F-55, the land was dedicated to the City via grant deed by the original Fiddymont Ranch developers as required by the development agreement for Fiddymont Ranch, has not been used by the public for park purposes, no consideration was paid for the land and no public funds have been expended to improve the park. A portion of Parcel F-55 is therefore eligible to be abandoned in accordance with the two-step process found in the Municipal Park Abandonment Law. The resolution also described the park to be abandoned and set the time, April 15, 2020 at 6:00 p.m., that the Council would take final action on the abandonment. Subsequent to adopting Resolution No. 20-047, the resolution was published in the Roseville

Press Tribune on March 6th, 13th, and 20th, and posted in four locations along the boundaries of Parcel F-55.

The purpose of this item is to allow the City Council to hear any objections to the abandonment of the park. At the conclusion of the public testimony, the Council may either terminate the abandonment proceedings or order the park to be abandoned and order the land to be sold.

While there have been no specific objections to the abandonment of Parcel F-55 as a park, the City has received objections to the land use changes proposed for Parcel F-55. These objections included concerns regarding the conversion of open space to a residential subdivision, impacts to wildlife, the addition of housing to the area, and modifications to an “activity core” in the WRSP. The Planning Commission considered these concerns at their February 27, 2020 hearing on the entitlements and ultimately voted unanimously to forward a recommendation of approval of all entitlements to the City Council. The Council will be considering the legislative entitlements for the Parcel F-55 project at their April 15, 2020 meeting. Consistent with prior Council action and the Planning Commission’s recommendation on the entitlements, the attached resolution includes provisions and findings for Council to overrule any objections to the park abandonment and order that a portion of Parcel F-55 be abandoned and the land sold.

SURPLUS LAND ACT

Council action to abandon a portion of the Parcel F-55 site as a park and exchange it for Parcel W-60a will not have to comply with California’s Surplus Land Act procedures described in Section 54200 *et seq.* of the California Government Code (the Code). According to Section 54221(f)(1) (C) of the Code, land is exempt from the surplus procedures if the local agency is exchanging the surplus land for another property necessary for the agency’s use. The proposed transaction meets this requirement as the City intends to exchange property it currently owns for property with superior features that it intends to develop as a multi-field sports facility.

FISCAL IMPACT

There is no net fiscal impact to the City’s General Fund related to the purchase of the Parcel W-60a property, because the City will both give and receive ten dollars for the purchase of Parcel W-60a and sale of a portion of Parcel F-55. The cost of entitlements, including environmental review, will be borne by Westpark, pursuant to the PSA. Overall, development of the new sports field site on Parcel W-60a is anticipated to be less costly than development of the existing site on Parcel F-55. Therefore, no direct impacts to the General Fund are anticipated to result from abandoning this park site and exchanging it for another site to be used as a park.

ECONOMIC DEVELOPMENT/JOBS CREATED

Adoption of this resolution will not result in the creation of any jobs.

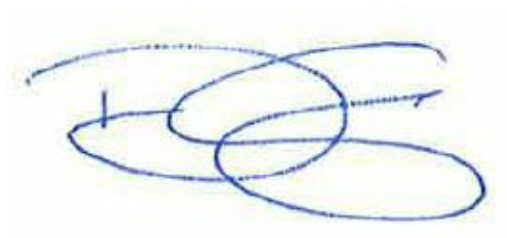
ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. Adoption of this resolution meets the above criteria and is not subject to CEQA. No additional environmental review is required.

Respectfully Submitted,

Greg Bitter, Planning Manager

Mike Isom, Development Services Director

A handwritten signature in blue ink, consisting of several overlapping loops and a final horizontal stroke.

Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution No. 20-105

Exhibit A

Exhibit B

RESOLUTION NO. 20-105

OVERRULING ANY OBJECTIONS AND ORDERING A PORTION OF WEST ROSEVILLE
SPECIFIC PLAN PARCEL F-55 TO BE ABANDONED AS A CITY PARK AND SOLD

WHEREAS, on July 17, 2019, the City Council adopted Resolution No. 19-337 finding that the exchange of a portion of City-owned property in the West Roseville Specific Plan (WRSP), Parcel F-55, was in the City's best interest; and

WHEREAS, the City intended to create a multi-field sports facility on Parcel F-55 in order to meet the community's increasing demand for long-field facilities and to create another venue in the City for sports tourism; and

WHEREAS, the City began planning for this facility and entered into an agreement with Placer Valley Tourism (PVT), however, the time required to prepare an Environmental Impact Report (EIR) and obtain federal and state permits exceeded the project schedule and PVT withdrew from the agreement with the City; and

WHEREAS, the City evaluated Parcel F-55 for its intended use and concluded that the site was challenged by a lack of infrastructure, an irregular shape that constrained long field development, and by roadway circulation that would not allow the City to achieve its plans for six fields and provide on-site parking sufficient to serve such a facility; and

WHEREAS, on February 19, 2020, the City Council adopted Resolution No. 20-047 declaring the Council's intent to abandon a portion of Parcel F-55, and made the following findings as they relate to all or any portion of the purported park: (1) the land has not been used by the public for park purposes; (2) no consideration has been paid for the land except by the City; (3) no public funds have been expended to improve the land as a park; and (4) the land was dedicated for park purposes by the recording of a grant deed with the Placer County Recorder; and

WHEREAS, while there have been no specific objections to the abandonment of Parcel F-55 as a park at the time of the hearing, the City has received objections to the land use changes proposed for Parcel F-55; and

WHEREAS, staff recommends City Council adopt a resolution overruling any objections and ordering a portion of West Roseville Specific Plan Parcel F-55 be abandoned as a City Park and the land sold because it is in the City's best interest; and

WHEREAS, the City has followed all required procedures as set forth in Government Code §38501 et seq., the Municipal Park Abandonment Law of 1939; and

WHEREAS, all written and oral objections made or filed were duly heard, evidence for and against the proposed action was received, and a full, fair and complete hearing was granted and held; and

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Roseville as follows:

Whereas, in accordance with the provisions of Government Code §38501 et seq. regarding Municipal Park Abandonment, it is hereby ordered:

1. That any and all objections to the abandonment and sale of a portion of West Roseville Specific Plan Parcel F-55 are hereby overruled; and
2. That a portion of Parcel F-55 in the West Roseville Specific Plan, as described in Exhibit "A" and depicted in Exhibit "B" attached hereto, is hereby abandoned as a City Park and may be sold.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

EXHIBIT "A"
PARCEL F-55A and PARCEL F-20B PROPERTY LEGAL DESCRIPTION

All that real property situated in the City of Roseville, County of Placer, State of California located within Section 24, Township 11 North, Range 5 East, Mount Diablo Meridian and being further described as follows:

Beginning at a 2" brass disk stamped LS 3923 at the North 1/16 corner between Section 23 and Section 24 as shown and so designated on the Final Map of Fiddymont Ranch Phase 2A, filed for record September 22, 2017 in Book DD of Maps at Page 88, Placer County Records; thence from the **POINT OF BEGINNING** and along the common line between said Sections 23 and 24, North 00°16'29" West a distance of 160.13 feet; thence leaving said common line for the following twenty-four (24) arcs, courses and distances:

1. North 44°46'50" East a distance of 665.14 feet to a point of curvature;
2. from a radial line which bears South 25°59'46" West, 541.43 feet along the arc of a non-tangent 2050.00 foot radius curve to the left through a central angle of 15°07'57";
3. South 79°08'11" East a distance of 30.00 feet;
4. South 10°51'49" West a distance of 57.63 feet;
5. South 00°18'24" East a distance of 978.78 feet;
6. South 89°41'36" West a distance of 83.67 feet;
7. South 00°01'52" West a distance of 218.76 feet;
8. South 30°24'36" West a distance of 19.39 feet;
9. South 30°24'36" West a distance of 115.80 feet;
10. South 67°00'02" West a distance of 41.54 feet;
11. South 35°39'43" West a distance of 69.80 feet;
12. North 61°17'40" West a distance of 98.27 feet;
13. North 35°57'31" East a distance of 242.73 feet;
14. South 79°42'58" East a distance of 62.04 feet;
15. North 00°01'52" East a distance of 40.61 feet;
16. North 80°40'12" West a distance of 143.81 feet;
17. South 17°42'06" West a distance of 59.10 feet;
18. North 72°17'54" West a distance of 126.46 feet;
19. North 53°21'39" West a distance of 175.71 feet;
20. North 66°20'40" West a distance of 210.95 feet;
21. North 46°26'12" West a distance of 164.78 feet;
22. North 19°57'15" West a distance of 259.81 feet;
23. North 39°29'14" West a distance of 85.44 feet; and
24. North 72°55'07" West a distance of 13.19 feet to the common line between said Sections 23 and 24;

thence along said common section line, North 00°16'11" West a distance of 92.43 feet to the Point of Beginning.

Containing 24.763 acres of land, more or less.

See Exhibit "B", plat to accompany description, attached hereto and made a part hereof.

This legal description was prepared by me or under my supervision pursuant to Section 8729 (2) of the Professional Land Surveyors Act.

Robert M. Plank, PLS 5760
License Expiration Date: 06-30-20

Date: _____

Description prepared by:
MACKAY & SOMPS CIVIL ENGINEERS, INC.
1025 Creekside Ridge Dr., Suite 150, Roseville, CA 95678
P:\18424\survey-MS\mapping\desc\F-55a Dev. Agreement\Exhibit A-1.docx



FIDDYMENT RANCH PHASE 2 LARGE
LOT SUBDIVISION
BB MAPS 24
DESIGNATED REMAINDER

CITY OF ROSEVILLE
DOC# 1999-0081607

BLUE OAKS BOULEVARD

P.O.B.

PARCEL F-55A
&
PARCEL F-20B

CITY OF ROSEVILLE
DOC# 98-0094049

LOT 1
BB MAPS 88

HAYDEN PARKWAY

AA MAPS 53
VILLAGE 5

LOT 2
BB MAPS 88

LOT 6
AA MAPS 10

RESULTANT LOT 7
DOC# 2014-0059742

LEGEND

-  1/16 CORNER
-  SECTION CORNER
-  P.O.B. POINT OF BEGINNING



SHEET 1 OF 1

EXHIBIT "B"

PARCEL F-55A & F-20B PROPERTY MAP

WESTPARK

SECTION 24, T. 11 N., R. 5 E., M.D.M.

CITY OF ROSEVILLE

COUNTY OF PLACER

STATE OF CALIFORNIA

MACKAY & SOMPS

ENGINEERS PLANNERS SURVEYORS
1025 Creekside Ridge Drive, Suite 150, Roseville, CA 95678 (916) 773-1189

IF A DISCREPANCY EXISTS BETWEEN THIS EXHIBIT AND THE ASSOCIATED DESCRIPTION,
THE DESCRIPTION HOLDS. THIS EXHIBIT IS FOR GRAPHIC PURPOSES ONLY.

RMP	1"= 400'	01/21/2020	18424.PH4.F55
DRAWN BY	SCALE	DATE	JOB NO.



COUNCIL COMMUNICATION

CC #: 0703

File #: 0400-03 & 0400-04-09

Title: West Roseville Specific Plan Parcels F-55 and W-60a General Plan Amendment, Specific Plan Amendment, Rezone, and Development Agreement
Contact: Shelby Vockel 916-746-1357 svockel@roseville.ca.us

Meeting Date: 4/15/2020

Item #: 10.2.

RECOMMENDATION TO COUNCIL

At the February 27, 2020 Planning Commission hearing, the Planning Commission recommended that the City Council take the following actions:

- A. Consider the Addendum to the West Roseville Specific Plan Environmental Impact Report (EIR) and the Fiddymont Ranch Amendment 3 (SPA3) Subsequent EIR;
- B. Adopt a resolution approving the amendment to the General Plan text and land use;
- C. Adopt a resolution approving the amendment to the West Roseville Specific Plan text and land use;
- D. Adopt the two (2) findings of fact and introduce the first reading of the ordinance rezoning the subject properties; and
- E. Consider the five (5) findings of fact and introduce for first reading an ordinance approving the West Roseville LLC Development Agreement.

BACKGROUND

This Council Communication provides a summary evaluation of the project and a summary of the February 27, 2020 Planning Commission hearing. More detailed background and evaluation is provided in the Planning Commission staff report, included as Attachment 1.

The proposed project is located on two large lot parcels in the West Roseville Specific Plan (WRSP) area, identified as WRSP Parcels F-55 and W-60a. Parcel F-55 is a 29.80 acre parcel located to the south of a future section of Blue Oaks Bl., and is currently owned by the City of Roseville. Parcel W-60a, owned by Westpark Communities, is approximately 25.20 acres in size and is located on the east side of Westbrook Bl.

On July 17, 2019, the City Council adopted Resolution No. 19-337 finding that the exchange of a portion of City-owned West Roseville Specific Plan (WRSP) Parcel F-55 for WRSP Parcel W-60a, owned by West Roseville, LLC (Westpark), is in the City's best interest. Completion of the land exchange and subsequent entitlements will allow the City to construct a multi-field sports facility on WRSP Parcel W-60a and Westpark to facilitate the development of 99 homes on WRSP Parcel F-55a.

The resolution adopted by the City Council on July 17, 2019 included authorization for the City

Manager to execute a Purchase and Sale Agreement (PSA) along with other instruments necessary to complete the land exchange. The approved PSA established that the land exchange will result in the City receiving all 25.20 acres of WRSP Parcel W-60a and Westpark receiving 24.77 acres, which is a portion of WRSP Parcel F-55.

The PSA includes provisions for land use entitlements and other actions necessary for the City and Westpark to develop their respective properties as described below:

Parcel W-60a: The City proposes to acquire Parcel W-60a in order to develop a multi-field sports facility. This property has a land use and zoning designation of Light Industrial and M1/SA. The entitlements include a General Plan Amendment, Specific Plan Amendment, and Rezone to Parks and Recreation (PR), as well as an update to the Specific Plan to reflect a new conceptual park plan.

Parcel F-55: Westpark proposes to acquire Parcel F-55a and develop the site with residential units and to acquire Parcel F-20b in order to improve as a parking area for the Siena Apartments currently located on Parcel F-20. This property has a land use and zoning designation of Parks and Recreation (PR). The entitlements include a General Plan Amendment, Specific Plan Amendment, and Rezone to a residential land use; a Large Lot Tentative Parcel Map and Small Lot Tentative Subdivision Map; and approval of a Development Agreement for the property. Formal abandonment of the property as a park site is also required. On February 19, 2020, the City Council adopted a resolution initiating the park abandonment process, and the City Council will consider the final abandonment on April 15, 2020.

The Planning Commission heard the proposed project on February 27, 2020 and recommended that the City Council approve the General Plan Amendment, Specific Plan Amendment, Rezone, and Development Agreement. Additionally, the Planning Commission approved the Large Lot Tentative Parcel Map, Small Lot Tentative Subdivision Map, and Tree Permit, contingent upon City Council approval of the legislative entitlements.

Project Description

The entitlements before the City Council include a General Plan Amendment, Specific Plan Amendment, Rezone, and a Development Agreement to allow for the development of WRSP Parcel F-55 with a 99-unit, single-family residential subdivision, a parking area to be deeded to the adjacent high density affordable housing project, and utility and landscape lots. The project will also allow the future development of a City park with a multi-field sports facility on Parcel W-60a.

General Plan Amendment, Specific Plan Amendment, and Rezone: The project includes a request for a General Plan Amendment and Specific Plan Amendment to reconfigure the land use designations for approximately 50.83 acres of land. For Parcel W-60a (25.20 acres), the land use designation is proposed to change from Light Industrial (LI) to Parks and Recreation (PR). For Parcel F-55, the land use designation is proposed to change from 29.80 acres of PR to 24.28 acres of Low Density Residential (LDR), 0.49 acres of High Density Residential (HDR), and 0.86 acres of Open Space (OS). A resultant parcel, 4.03 acre Parcel F-55b, will retain the existing PR land use designation. Additionally, the WRSP will be amended to add 99 single-family residential units to proposed Parcel F-55a, and increase the acreage of HDR land in the Specific Plan by 0.49 acres.

The project also proposes to amend the zoning designations for the subject parcels. Parcel W-60a will change from Light Industrial/Special Area (M1/SA) to Parks and Recreation (PR) for a total of 25.20 acres. Parcel F-55 will change from 29.80 acres of PR to 24.28 acres of Small Lot Residential/Development Standards (RS/DS), 0.49 acres of Attached Housing (R3), 0.86 acres of Open Space (OS), and 4.03 acres will retain its existing PR zoning designation.

Development Agreement: The project includes a request for a Development Agreement (DA) by and between the City of Roseville and West Roseville, LLC relative to the Parcel F-55a property within the WRSP. The new DA addresses terms, rules, conditions, regulations, entitlements, obligations, and other provisions relating to the development of Parcel F-55a, subject to the terms and conditions of the Purchase and Sale Agreement and the proposed entitlements. Provisions

include the construction of infrastructure and improvements, payment into various City fee programs and Community Facility Districts, and establishing obligations for obtaining entitlement and permitting approval. The overall term is 30 years from the effective date of approval by City Council.

Summary of Planning Commission Hearing

On February 27, 2020, the Planning Commission heard the proposed WRSP Parcel F-55 and W-60a project. Four public comments were received by staff after publication of the staff report, and were provided to the Planning Commissioners in a packet at the hearing. One neighbor, who also submitted a letter, attended the hearing and shared concerns about public school boundary redistricting that has been occurring in the WRSP area, and her belief that the proposed 99 homes would cause further redistricting. The concerns detailed in the public comments, including one video comment received from a nearby resident, included impacts to habitat and biological resources (oak tree removal), lack of stores and bus stops, no need for additional housing, and impacts to the character of the “activity core” described by the specific plan, as well as a change to the open space corridor that connected through Parcels F-55, F-56, the school site, and F-85. Staff addressed the concerns in the project presentation, and the public comments are available in Attachment 2. The video comment is a part of the project record and is available upon request. Following the review of public comment and after consideration of the Addendum to the WRSP EIR and SPA3 SEIR, the Planning Commission took action (5 Yes – 0 No, 2 Absent) to recommend that the City Council approve the General Plan Amendment, Specific Plan Amendment, Rezone, and Development Agreement. Additionally, the Planning Commission approved the Large Lot Tentative Parcel Map, Small Lot Tentative Subdivision Map, and Tree Permit, contingent upon City Council approval of the legislative entitlements.

Public Outreach

The proposed project was distributed to the various agencies and departments which have requested notice of City applications, and all comments were considered and incorporated into the Conditions of Approval, as appropriate. Notice of the application was also distributed to the Roseville Coalition of Neighborhood Associations, and public notices of the Planning Commission hearing and City Council hearing were distributed to all property owners and residents within 300 feet of the project site. As mentioned above, four comments were received from the public prior to the Planning Commission and addressed at the hearing. The comments are included as the Planning Commission Memorandum in Attachment 2. At the time this Council Communication was prepared, no comments had been received in response to the City Council hearing notice.

FISCAL IMPACT

At the July 17, 2019 City Council hearing, the City Council adopted a resolution finding that the land exchange of a portion of Parcel F-55 for Parcel W-60a would be in the City’s best interest. The resolution included authorization for the City Manager to execute a Purchase and Sale Agreement (PSA) along with other instruments necessary to complete the land exchange. Additionally, the project requests approval of a new Development Agreement to memorialize the terms, rules, conditions, regulations, entitlements, obligations, and other provisions relating to the development of Parcel F-55a, subject to the terms and conditions of the PSA. Provisions include the construction of infrastructure and improvements, payments into various City fee programs and Community Facility Districts, and establishing obligations for obtaining entitlement and permitting approval. The applicant, Westpark Communities, has paid for all application and processing fees associated with the requested entitlements.

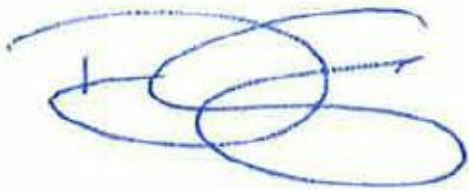
ENVIRONMENTAL REVIEW

An Addendum to the 2004 West Roseville Specific Plan EIR and the 2014 Fiddymment Ranch Amendment 3 Subsequent EIR has been prepared for the WRSP PCL F-55 and W-60a Project (File #PL19-0180) consistent with California Environmental Quality Act (CEQA) Section 15164. At the February 27, 2020 Planning Commission hearing, the Planning Commission considered the Addendum before making a recommendation to City Council for the General Plan Amendment, Specific Plan Amendment, Rezone, and Development Agreement, as well as prior to approving the Large Lot Tentative Parcel Map, Small Lot Tentative Subdivision Map, and Tree Permit. Based on the environmental analysis of the Addendum, the proposed project does not have the potential to result in any new impact that was not previously disclosed, and will in general result in reduced impacts compared to the previous analyses. The Addendum is including as Attachment 2 for consideration by the City Council.

Respectfully Submitted,

Shelby Vockel, Associate Planner

Mike Isom, Development Services Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Attachment 1 - February 27, 2020 Planning Commission Staff Report, Attachments, Exhibits

Attachment 2 - February 27, 2020 Planning Commission Memorandum

Exhibit A - Addendum to the West Roseville Specific Plan EIR and Fiddymment Ranch Amendment 3 SEIR

Resolution No. 20-107

Resolution No. 20-108

Exhibit B - General Plan Amendment and Specific Plan Amendment

Ordinance - Rezone

Exhibit C - Rezone

Ordinance - Development Agreement

Exhibit D - Development Agreement by and between the City of Roseville and West Roseville LLC



Planning Division Staff Report

Planning Commission Meeting February 27, 2020

Prepared by: Shelby Vockel, Associate Planner

ITEM 6.3: General Plan Amendment, Specific Plan Amendment, Rezone, Large Lot Tentative Parcel Map, Small Lot Tentative Subdivision Map, Tree Permit, and Development Agreement –2401 Blue Oaks Bl. And 2600 Westbrook Bl. – WRSP PCL F-55 and W-60a

REQUEST

The applicant requests approval of a General Plan Amendment, Specific Plan Amendment, and Rezone to change the land use and zoning designations for Parcels F-55 and W-60a in the West Roseville Specific Plan (WRSP) area. As proposed, the land use designation for parcel F-55 will be modified from Parks and Recreation (PR) to Low Density Residential (LDR), High Density Residential (HDR), and Open Space (OS), with a portion remaining as PR; and the zoning designation will be modified from PR to Small Lot Residential/Development Standards (RS/DS), Attached Housing (R3), Open Space (OS), and Parks and Recreation (PR) to accommodate a 99-unit single-family residential subdivision. The land use designation for parcel W-60a will be modified from Light Industrial (LI) to PR, and the zoning designation will be modified from Light Industrial/Special Area (M1/SA) to PR to accommodate a regional sports park. The Specific Plan Amendment will increase the number of single-family residential units in the WRSP by 99 units, as well as increase the High Density Residential (HDR) land area by 0.49 acres. A Development Agreement by and between the City of Roseville and West Roseville, LLC relative to the F-55 and W-60a properties within the WRSP is requested to reflect the land use changes, as well as document vested rights and developer obligations. A Large Lot Tentative Parcel Map is requested for parcel F-55 to create four new large lot parcels and a right-of-way lot (Lot A). A Small Lot Tentative Subdivision Map is requested on parcel F-55 to create 99 single-family residential lots, a stormwater facility lot (Lot A), Lot B for a future parking area, and landscape and right-of-way lots. A Tree Permit is requested to allow the removal of four blue oak trees (*Quercus douglasii*), one valley oak tree (*Quercus lobata*), conditional removal of one blue oak tree, and encroachment into the dripline of two blue oak trees.

Applicant – John Tallman, West Roseville LLC

Owner – City of Roseville, West Roseville LLC

SUMMARY RECOMMENDATION

The Planning Division recommends that the Planning Commission take the following actions:

- A. Consider the Addendum to the West Roseville Specific Plan EIR and the Fiddymont Ranch Amendment 3 Subsequent EIR,
- B. Recommend the City Council approve the General Plan Text and Land Use Amendment,
- C. Recommend the City Council approve the Specific Plan Text and Land Use Amendment,
- D. Recommend the City Council adopt the two (2) findings of fact and approve the Rezone,
- E. Recommend the City Council approve the Development Agreement,
- F. Adopt the three (3) findings of fact and approve the Large Lot Tentative Parcel Map subject to thirty-two (32) conditions of approval,
- G. Adopt the three (3) findings of fact and approve the Small Lot Tentative Subdivision Map subject to sixty (60) conditions of approval,
- H. Adopt the two (2) findings of fact and approve the Tree Permit subject to twenty (20) conditions of approval.

SUMMARY OF OUTSTANDING ISSUES

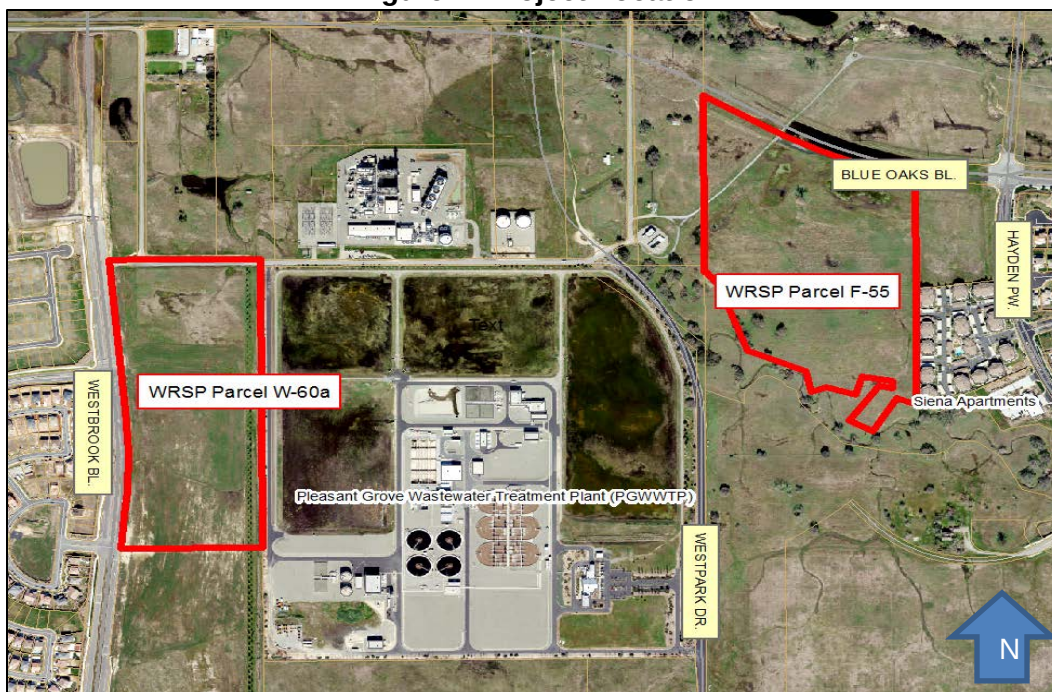
There are no outstanding issues associated with this request. The applicant has reviewed and is in agreement with the recommended conditions of approval.

BACKGROUND

The proposed project is located on two large lot parcels in the West Roseville Specific Plan (WRSP) area, identified as WRSP Parcels F-55 and W-60a (Figure 1). Parcel F-55 is a 29.80 acre parcel located to the south of a future section of Blue Oaks Bl., and is currently owned by the City of Roseville. At present, Blue Oaks Bl. terminates at the intersection of Blue Oaks Bl. and Hayden Pw., to the northeast of the project site. Construction is currently underway to extend Blue Oaks Bl. from Hayden Pw. to Westbrook Bl. \ A multi-family apartment complex, known as the Siena Apartments, is located immediately to the east of the site, with a vacant commercially zoned parcel to the north of the apartment complex. Coyote Creek and its associated open space is located to the south of Parcel F-55. The Roseville Energy Park and the Pleasant Grove Waste Water Treatment Plant (PGWWTP) are located to the west and southwest, respectively, of Parcel F-55. The current land use and zoning designation for Parcel F-55 is Parks and Recreation (PR).

Parcel W-60a is approximately 25.20 acres in size and is located on the east side of Westbrook Bl. The property is currently zoned Light Industrial/Special Area (M1/SA) and has a Light Industrial (LI) land use designation. The PGWWTP is immediately adjacent to the site to the east. Single-family residences are located to the west of the project site, separated from the parcel by Westbrook Bl. City-owned PR and Public/Quasi Public (P/QP) properties are located to the north, and Parcel W-60b, also intended for light industrial uses, borders the parcel to the south. At the time this staff report was prepared, a Tentative Parcel Map to subdivide Parcel W-60b into 11 industrial parcels (File # PL19-0179) was in entitlement review.

Figure 1: Project Location



Project History

On July 17, 2019, the City Council adopted Resolution No. 19-337 finding that the exchange of a portion of City-owned West Roseville Specific Plan (WRSP) Parcel F-55 for WRSP Parcel W-60a, owned by West Roseville, LLC (Westpark), is in the City's best interest. Completion of the land exchange and

subsequent entitlements will allow the City to construct a multi-field sports facility on WRSP Parcel W-60a and Westpark to facilitate the development of 99 homes on WRSP Parcel F-55a.

The City intended to create multi-field sports facility on WRSP Parcel F-55 in order to meet the community's increasing demands for long-field facilities for soccer, lacrosse, rugby, and other sports, and to create another venue in the City for sports tourism. The City began planning for this facility, which included the development of conceptual layouts and the completion of supporting technical studies. Later, the City entered into an agreement with Placer Valley Tourism (PVT) to develop a larger regional sports facility, and at that time included additional land to the west of Parcel F-55 to accommodate PVT's needs for a specific number of fields. The technical studies prepared as part of the PVT project documented severe development and environmental constraints on the property adjacent to the F-55 parcel. In addition, PVT discovered that the western property had not been analyzed for development in the WRSP EIR, nor had wetlands permitting been done for that western property. The time required to prepare an EIR and obtain federal and state permits pushed the project schedule beyond the timeline dictated by PVT's schedule to open the facility, and PVT withdrew from the agreement with the City. The City then evaluated Parcel F-55 for its intended use as a City long-field sports facility. The City concluded that the site was challenged by a lack of infrastructure, an irregular shape that constrained long field development, and by roadway circulation to Parcel F-55 that would not allow the City to achieve its plans for six fields and provide on-site parking sufficient to serve such a facility.

Westpark owns WRSP Parcel W-60a, which has a non-residential land use designation and is located between Westpark Boulevard and the Pleasant Grove Wastewater Treatment Plant. This parcel has a rectangular shape on flat land and has frontage on a completed roadway with installed water and sewer infrastructure. In addition, WRSP Parcel W-60a has approved wetland permits and all mitigation obligations have been met. The site is adjacent to another City-owned park site, and development of the site with a multi-field sports facility would provide a buffer between the treatment plant to the east and residential parcels across Westbrook Boulevard to the west. Long-term, this site will also provide better circulation and access opportunities.

The resolution adopted by the City Council on July 17, 2019 included authorization for the City Manager to execute a Purchase and Sale Agreement (PSA) along with other instruments necessary to compete the land exchange. The approved PSA established that the land exchange will result in the City receiving all 25.20 acres of WRSP Parcel W-60a and Westpark receiving 24.77 acres, which is a portion of WRSP Parcel F-55.

The PSA includes provisions for land use entitlements and other actions necessary for the City and Westpark to develop their respective properties as described below:

Parcel W-60a: The City proposes to acquire Parcel W-60a in order to develop a multi-field sports facility. This property has a land use and zoning designation of Light Industrial and M1/SA. The entitlements include a General Plan Amendment, Specific Plan Amendment, and Rezone to Parks and Recreation (PR), as well as an update to the Specific Plan to reflect a new conceptual park plan.

Parcel F-55: Westpark proposes to acquire Parcel F-55a and develop the site with residential units and to acquire Parcel F-20b in order to improve as a parking area for the Siena Apartments currently located on Parcel F-20. This property has a land use and zoning designation of Parks and Recreation (PR). The entitlements include a General Plan Amendment, Specific Plan Amendment, and Rezone to a residential land use; a subdivision map; and an amendment of the applicable Development Agreement. Formal abandonment of the property as a park site is also required. On February 19, 2020, the City Council adopted a resolution initiating the park abandonment process. The current project is a request for the necessary entitlements to allow for the completion of the PSA, and to ensure the correct General Plan,

WRSP, and zoning designations to allow for the development of Parcels F-55 and W-60a. The entitlements are described in more detail below.

Project Description

The project requests a General Plan Amendment, Specific Plan Amendment, Rezone, Development Agreement, Large Lot Tentative Parcel Map, Small Lot Tentative Subdivision Map, and a Tree Permit to allow the development of WRSP Parcel F-55 with a 99-unit, single-family residential subdivision, a parking area to be deeded to the adjacent high density residential use, and utility and landscape lots. The project will also allow the future development of a City park with a multi-field sports facility on Parcel W-60a.

General Plan Amendment, Specific Plan Amendment, and Rezone: The project includes a request for a General Plan Amendment and Specific Plan Amendment to reconfigure the land use designations for approximately 50.83 acres of land. For Parcel W-60a (25.20 acres), the land use designation is proposed to change from Light Industrial (LI) to Parks and Recreation (PR). For Parcel F-55, the land use designation is proposed to change from 29.80 acres of PR to 24.28 acres of Low Density Residential (LDR), 0.49 acres of High Density Residential (HDR), and 0.86 acres of Open Space (OS). A resultant parcel, 4.03 acre Parcel F-55b, will retain the existing PR land use designation (Table 1). Additionally, the WRSP will be amended to add 99 single-family residential units to proposed Parcel F-55a, and increase the acreage of HDR land in the Specific Plan by 0.49 acres.

The project also proposes to amend the zoning designations for the subject parcels. Parcel W-60a will change from Light Industrial/Special Area (M1/SA) to Parks and Recreation (PR) for a total of 25.20 acres. Parcel F-55 will change from 29.80 acres of PR to 24.28 acres of Small Lot Residential/Development Standards (RS/DS), 0.49 acres of Attached Housing (R3), 0.86 acres of Open Space (OS), and 4.03 acres will retain its existing PR zoning designation (Table 2).

Development Agreement: The project includes a request for a Development Agreement (DA) by and between the City of Roseville and West Roseville, LLC relative to the F-55 and W-60a properties within the WRSP. The new DA addresses terms, rules, conditions, regulations, entitlements, obligations, and other provisions relating to the development of Parcel F-55a, subject to the terms and conditions of the Purchase and Sale Agreement and the proposed entitlements. Provisions include the construction of infrastructure and improvements, payment into various City fee programs and Community Facility Districts, and establishing obligations for obtaining entitlement and permitting approval. The overall term is 30 years from the effective date of approval by City Council.

Large Lot Tentative Parcel Map: The project includes a request for a Large Lot Tentative Parcel Map to divide parcel F-55 into large lot parcels, including Parcel 1 (24.28 acres, identified as F-55a), Parcel 2 (4.03 acres, identified as F-55b), Parcel 3 (0.81 acres, identified as F-86b), and Parcel 4 (0.05 acres, identified as F-86c). The map also creates Lot A, which is a 0.14 acre parcel dedicated to public right-of-way (Figure 2).

Small Lot Tentative Subdivision Map: The project includes request for a a Small Lot Tentative Subdivision Map on 24.77 acres to create 99 single-family residential units on proposed Parcel F-55a, as well as a stormwater facility lot (Lot A), Lot B for the future parking area (identified as Parcel F-20B), and landscape and right-of-way lots (LC-1, LC-2, and LS 1-4) (Figure 3).

Tree Permit: The project includes a request for a Tree Permit allow the removal of four blue oak trees (*Quercus douglasii*), one valley oak tree (*Quercus lobata*), conditional removal of one blue oak tree, and encroachment into the dripline of two blue oak trees.

Table 1: Existing and Proposed Land Use Designations

Parcel	Land Use	Existing Land Uses		Proposed Land Uses	
		Acreage	Units	Acreage	Units
Parcel F-55	Parks and Recreation (PR)	29.66 ac	---	4.03 ac	---
	Low Density Residential (LDR)	---	---	24.28 ac	99
	High Density Residential (HDR)	---	---	0.49 ac	---
	Open Space (OS)	---	---	0.05 ac	---
	TOTAL	29.66 ac	---	29.66 ac	99
Parcel W-60a	Light Industrial (LI)	25.20 ac	---	---	---
	Parks and Recreation (PR)	---	---	25.20 ac	---
	TOTAL	25.20 ac	---	25.20 ac	---

Table 2: Existing and Proposed Zoning Designations

Parcel	Land Use	Existing Land Uses		Proposed Land Uses	
		Acreage	Units	Acreage	Units
Parcel F-55	Parks and Recreation (PR)	29.66 ac	---	4.03 ac	---
	RS/DS (Small Lot Residential/ Development Standards	---	---	24.28 ac	99
	Attached Housing (R3)	---	---	0.49 ac	---
	Open Space (OS)	---	---	0.05 ac	---
	TOTAL	29.66 ac	---	29.66 ac	99
Parcel W-60a	Light Industrial/ Special Area (M1/SA)	25.20 ac	---	---	---
	Parks and Recreation (PR)	---	---	25.20 ac	---
	TOTAL	25.20 ac	---	25.20 ac	---

Figure 2: Large Lot Tentative Parcel Map (F-55)

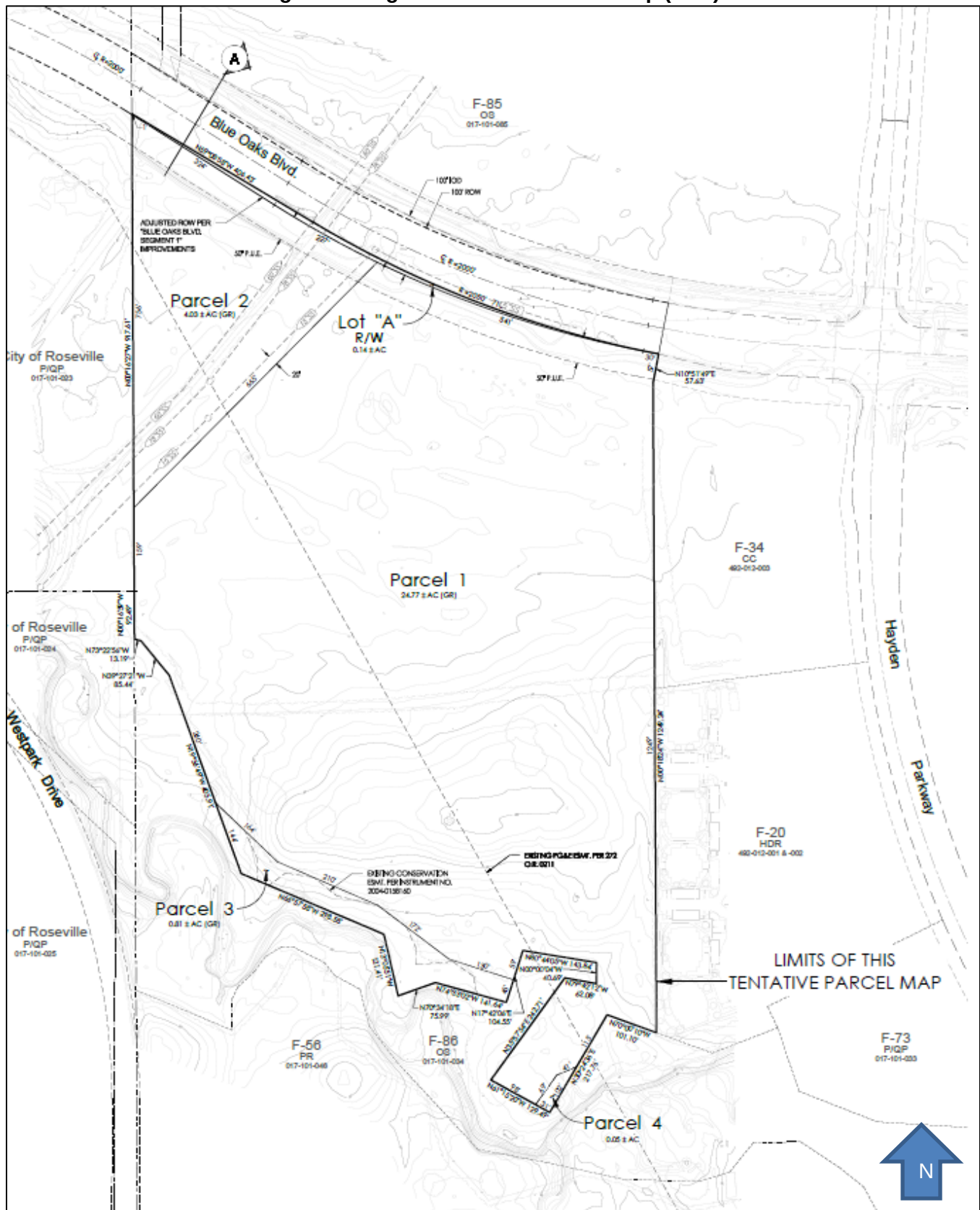
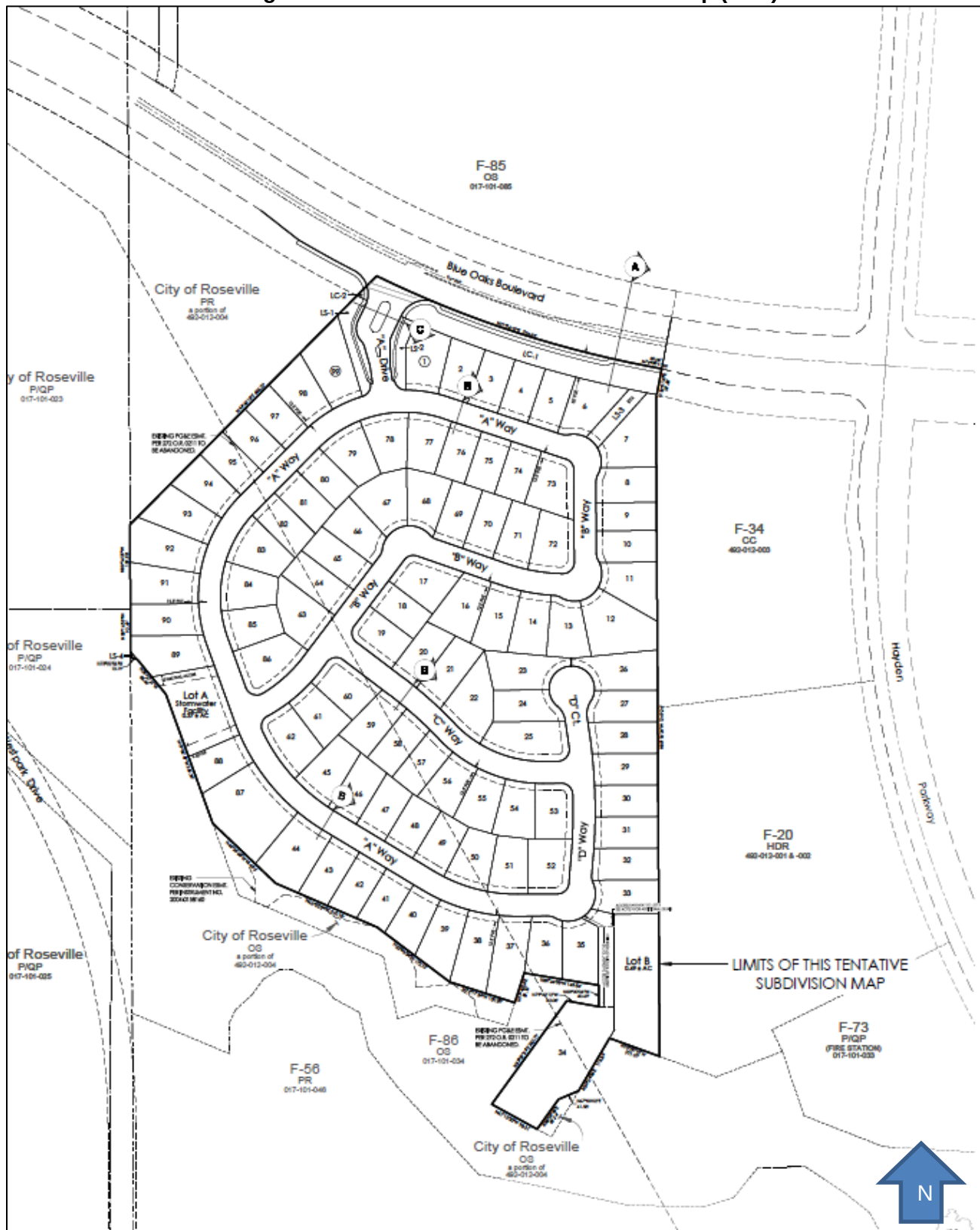


Figure 3: Small Lot Tentative Subdivision Map (F-55)



EVALUATION: GENERAL PLAN AMENDMENT, SPECIFIC PLAN AMENDMENT, AND REZONE

The project includes a General Plan Amendment, an Amendment of the WRSP, and Rezone for 50.83 acres of land within the project area. Proposed amendments to the General Plan and the WRSP are analyzed for consistency with the goals and policies of the respective plans. Zoning Ordinance Section 19.86.050 specifies that recommendations for approval or denial of a rezone shall include consideration of the proposed amendment's consistency with:

- 1. *The public interest, health, safety, or welfare of the City, and***
- 2. *The General Plan and any applicable Specific Plan.***

The following sections discuss the proposed project changes to each of the land use types, and how the changes meet the intent of the General Plan, WRSP, and findings for a Rezone.

Land Use Compatibility – Parcel F-55

The project proposes a LDR land use designation on Parcel F-55a, which would allow the development of a new single-family residential neighborhood and add 99 low density units to the WRSP. Additionally, an approximately 0.49 acre HDR parcel (F-20b) would be added to the WRSP, providing parking for the benefit of an existing affordable housing apartment complex. The proposed residential land use designation would allow additional housing in close proximity to other similar residential uses (the HDR apartment complex is immediately to the east of the subject parcel, and LDR neighborhoods are located to the east of Hayden Pw.) and compatible uses such as open space and a future park to the south. Although Public/Quasi Public uses, such as the Roseville Energy Park and PGWWTP, are located to the west of the property, they are buffered by the 4.03 acres being retained as parkland (proposed Parcel F-55b) and the existing open space area along Coyote Creek. The new units increase the percentage of LDR units within the WRSP by a fraction of one percent (from 56.46% to 56.87%) and the new LDR land area increases the acreage of LDR land within the WRSP by less than one percent (from 42.75% to 43.52%). The change to HDR land is an increase of 0.01%. Overall, the proposed uses on parcel F-55 will continue to meet the goals and objectives of the WRSP, and are consistent with the required findings for a Rezone.

Land Use Compatibility – Parcel W-60a

On Parcel W-60a, the project eliminates the Light Industrial (LI) land use, to be replaced with a Parks and Recreation (PR) designation to allow for future development of a multi-field sports park. The shape and configuration of W-60a is conducive to long-field park development, and additionally will provide a buffer between the residential neighborhoods located to the west of Westpark Bl. from the PGWWTP to the east of the subject parcel. Overall, the project request will reduce the industrial acreage in the WRSP from 1.74% of the total land area to 0.95%, a change of less than one percent of the total land area within the WRSP. Moving the park use from Parcel F-55 to W-60a also maintains the park acreage within the WRSP, and provides the City with an opportunity to establish a regional sports complex at a substantially lower infrastructure cost. The proposed land use change and rezone is beneficial to the public, will not create significant land use conflicts, and is consistent with the intent of the General Plan and WRSP.

Non-Residential Rezone Policy

In 2004, in response to increased requests to rezone industrial properties to residential uses, the City Council adopted guidelines for the conversion of land from non-residential to residential uses. A copy of the guidelines is provided as Attachment 2. As stated in the guidelines, the purpose is to make clear the

City's expectations related to the loss of job-generating land uses. The overarching goal to be applied to land use changes outside of the infill portion of the City is to maintain the City's fiscal balance and prevent the loss of jobs and existing job centers while maintaining a balanced community. The guidelines include evaluating fiscal impacts, noise, park dedication, public services, affordable housing, schools, utilities, and traffic when contemplating residential land use allocations.

Below is a summary of the provisions of the Non-Residential Rezone Guidelines, for areas within a Specific Plan:

1. A region-wide employment and land inventory study shall be required of each project that is equal to or greater than 50 acres.
2. Land use changes will not have a negative fiscal impact to the City. Each project shall be modeled individually for citywide impacts utilizing the City's fiscal model.
3. Projects that are 50 acres or greater in size shall maintain employment options and a favorable jobs-housing balance.
4. New housing development shall meet the City's 10% goal consistent with the Housing Element (4% affordable to very low, 4% affordable to low, and 2% affordable to moderate income).
5. Projects shall provide a specific public benefit that may be in the form of a community benefit fee.
6. Increases in general fund service demands shall be mitigated by establishment of or annexation into a Community Facilities Mello Roos Assessment District to offset the costs of the project. The assessment may be utilized to offset the cost of the following: public safety; parks and open space maintenance; storm water management; and other costs identified by the City.
7. Parks obligation to include payment of citywide and neighborhood park fees. Active park needs shall be provided by the project. An in-lieu parkland dedication fee may be negotiated in lieu of land based on the project. For each acre of parkland dedication mitigated by an in-lieu fee a corresponding in-lieu fee shall be paid for park improvements. The in-lieu fees shall provide improvements of local benefit.
8. Place emphasis on the dedication of parklands within specific plan areas rather than acceptance of an in-lieu fee for land dedication.
9. Utilities (e.g. water, sewer, electric) shall not be impacted as to conveyance or capacity.
10. School impacts shall be mitigated through new impact agreements executed with the school districts to ensure that the project's student generation is accommodated.
11. Residential units not utilized within a specific plan area shall be reallocated within that plan area and school district. Otherwise, requests for units shall be considered as additive to the City's existing unit allocation.
12. Encourage higher density residential mixed-use projects with consideration to the relaxing of any one guideline or multiple guidelines to promote and provide incentives for innovated higher density residential mixed use projects.

The proposed project changes the land use designation of Parcel F-55a from Parks and Recreation (PR) to PR, Low Density Residential (LDR), High Density Residential (HDR), and Open Space (OS). The land use designation for Parcel W-60a changes from Light Industrial (LI) to PR. The guidelines outlined above are intended to address impacts when land use designations change from job-producing and revenue-generating uses (e.g. industrial or commercial land uses) to a residential use. In the case of this project, Parcel F-55a will transition from a non-residential use (park) to a residential use (single-family homes);

however, the park use will be relocated to Parcel W-60a. Therefore, the park acreage will not be lost within the WRSP area. Parcel F-55a is less than 50 acres in size, and there is no impact to jobs-housing balance or overall employment options. The project as a whole will have a lower demand on City utilities than the previously anticipated land uses (as discussed in the Utility Memo, included in Attachment 1), and the City's acquisition of a rectangular, graded parcel with existing roadway improvements is a specific and substantial public benefit unique to the proposed project. School and other City fees will be collected as part of the building permits for the residential subdivision.

Affordable Housing

A required finding for approval of a Rezone is determining that a project is consistent with the General Plan and the applicable Specific Plan, in this case the WRSP. The General Plan is a long-term policy guide that establishes a framework for development in the City. The finding aims to establish general consistency with the overall objective and intent of the General Plan, which is orderly development within the City that will support public interest, health, safety, or welfare.

The General Plan Housing Element requires that new residential developments shall develop or cause 10% affordable housing, including 4% affordable to very low, 4% affordable to low, and 2% affordable to moderate income. The Housing Element does allow in-lieu fees to be considered on a case-by-case basis, and states that "Development Agreements shall be the mechanism utilized to secure implementation of the affordable housing program." The project proposes 99 single-family residential units; therefore, the project is obligated to develop or cause to be developed ten total affordable units. Two moderate income affordable purchase units are planned within the proposed new subdivision, which is memorialized in the proposed Development Agreement. However, the project does not propose to develop or directly cause to be developed (through the payment of in-lieu fees) the remaining eight required low and very low units.

The Development Agreement establishes the obligations and responsibilities between the City and the landowner, including but not limited to the provision of affordable housing. The Background section of this report discusses the land swap of parcel F-55a for W-60a between the City of Roseville and West Roseville LLC, which will allow the City to construct a regional sports complex at a substantially lower cost. West Roseville LLC has constructed significant improvements and removed procedural and construction barriers for the W-60a property, by constructing frontage improvements and utilities, mass grading on the site, and obtaining and effectuating wetland permits. The location of the property being received by the City also has significantly more roadway frontage and better circulation opportunities, and is separated from residential uses by an arterial roadway (rather than directly adjacent, as was the case on parcel F-55). Additionally, per the terms of the Development Agreement the developer will design, construct, and deed a new parking area to directly benefit existing affordable housing development. The City and its residents are receiving substantial and extraordinary benefit from this property exchange, and the project circumstances are unique. For these reasons, staff finds that the overall public benefit of the proposed project is equivalent in value to the provision of the eight affordable units. As Development Agreements are an appropriate mechanism to implement the City's affordable housing program, and the terms of the proposed Development Agreement have been reviewed and mutually agreed upon by both the developer and the City of Roseville, approval of the Development Agreement will constitute compliance with the General Plan Housing Element.

EVALUATION: DEVELOPMENT AGREEMENT

Zoning Ordinance Section 19.84.040 specifies that the recommendations for approval or denial of a Development Agreement (DA) shall include consideration of the following:

- 1. Consistency with the objectives, policies, programs, and land use designations of the City of Roseville General Plan.***
- 2. Consistency with the City of Roseville Zoning Ordinance.***
- 3. Conformity with the needs of public health, safety, and welfare.***
- 4. The effect on the orderly development of property or the preservation of property values.***
- 5. Whether the provisions of the Agreement shall provide sufficient benefit to the City to justify entering into the agreement.***

The DA is a binding contract that set the terms, rules, conditions, regulations, entitlements, obligations, and other provisions relating to the development of the covered properties. The proposed term is 30 years from the effective date, and is a new agreement specifically pertaining to development on parcel F-55a.

The DA establishes the vested entitlements, property-specific development standards, and other terms for development of the F-55a property, and well as identifies the required City fees, taxes, and assessments. This includes establishing the RS/DS development standards for the proposed single-family residential development and enumerating the currently requested project entitlements. Some of the fee programs include payment of the Blue Oaks Boulevard Off-Site Road Fee, Westpark Drive Off-Site Road Fee, Neighborhood and Citywide Park Fees, Bike Trail Fee, and Public Benefit Fee. Additionally, the DA establishes that the landowner will be responsible for the construction of certain improvements, such portions of Blue Oaks Bl. along the frontage of Parcel F-55a.

Having reviewed the proposed DA, City staff concludes the proposal is consistent with the objectives, policies, programs, and land use designations of the City of Roseville General Plan; is consistent with the City of Roseville Zoning Ordinance; conforms to the needs of public health, safety, and welfare; will not have detrimental effects on the orderly development of property or the preservation of property values; and will provide sufficient benefit to the City to justify entering into the agreement.

EVALUATION: LARGE LOT TENTATIVE PARCEL MAP

Section 18.06.180 of the City of Roseville Subdivision Ordinance requires that three findings be made in order to approve a Tentative Parcel Map. The three findings are listed below in ***italicized, bold*** text and are followed by an evaluation of the map in relation to the findings.

- 1. The size, design, character, grading, location, orientation and configuration of lots, roads, and all improvements for the tentative subdivision map are consistent with the density, uses, circulation and open space systems, applicable policies and standards of the General Plan or any applicable specific plan for the area, whichever is more restrictive, and the design standards of the Subdivision Ordinance.***
- 2. The subdivision will result in lots which can be used or built upon. The subdivision will not create lots which are impractical for improvement or use due to the steepness of terrain or location of watercourses in the area; the size or shape of the lots or inadequate building area; inadequate frontage or access; or, some other physical condition of the area.***

3. *The design and density of the subdivision will not violate the existing requirements prescribed by the Regional Water Quality Control Board for the discharge of waste into the sewage system, Pursuant to Division 7 of the Water Code.*

The proposed large lot tentative parcel map creates four parcels on F-55 to coincide with the proposed land use changes, and can be found in Exhibit D. Parcel 1 (24.77 acres) is identified as Parcel F-55a, which will accommodate the proposed small lot tentative subdivision map for the single-family residential development and the new parking area for the adjacent apartment complex. Parcel 2 (4.03 acres) will retain its PR land use and zoning designation, remain in City ownership, and is adjacent to other City property. Parcels 3 and 4 (0.81 and 0.05 acres, respectively) will be designated as open space adjacent to Coyote Creek and will also remain in City ownership.

The majority of the improvements for parcel F-55 are captured in the analysis for the proposed small lot tentative subdivision map, which includes 99 single-family parcels, a parking area for the adjacent apartment complex, as well as utility and landscape lots. The large lots are designed to be consistent with the proposed land use boundaries for the General Plan and WRSP land use designations, and will allow for the logical development of the small lot map. Therefore, the large lot map will result in lots which can be used or built upon, and will not create lots which are impractical for improvement or use. The proposed parcel sizes, design, configuration, location, orientation, and character of the lots are consistent with the density, uses, circulation and open space systems, applicable policies and standards of the General Plan and the WRSP, and the design standards of the Zoning Ordinance. Additionally, approval of the project will not result in significant increase in demands for sewage services, and there will be no impacts to the existing requirements established by the Regional Water Quality Control Board.

EVALUATION: SMALL LOT TENTATIVE SUBDIVISION MAP

Section 18.06.180 of the City of Roseville Subdivision Ordinance requires that three findings be made in order to approve a Tentative Subdivision Map. The three findings are listed below in ***italicized, bold*** text and are followed by an evaluation of the map in relation to the findings.

- 1. *The size, design, character, grading, location, orientation and configuration of lots, roads, and all improvements for the tentative subdivision map are consistent with the density, uses, circulation and open space systems, applicable policies and standards of the General Plan or any applicable specific plan for the area, whichever is more restrictive, and the design standards of the Subdivision Ordinance.***
- 2. *The subdivision will result in lots which can be used or built upon. The subdivision will not create lots which are impractical for improvement or use due to the steepness of terrain or location of watercourses in the area; the size or shape of the lots or inadequate building area; inadequate frontage or access; or, some other physical condition of the area.***
- 3. *The design and density of the subdivision will not violate the existing requirements prescribed by the Regional Water Quality Control Board for the discharge of waste into the sewage system, Pursuant to Division 7 of the Water Code.***

The Tentative Subdivision Map, which proposes to divide Parcel F-55a into 99 single family residential units, landscape, utility, and right-of-way lots, and a lot for a future parking area (to support adjacent high density residential) is included as Exhibit E. The proposed lot sizes, depths, and widths conform to the proposed development standards for the project, and the design of the proposed improvements have been reviewed by relevant City departments and divisions and have been found to conform to City standards. Approval of the project will not result in significant increase in demands for sewage services,

and there will be no impacts to the existing requirements established by the Regional Water Quality Control Board. An evaluation focusing on the design elements of the subdivision can be found below.

Subdivision Design and Layout: Consistent with the WRSP, the proposed subdivision configuration will create practical lots for the development of residential and public facility uses. The proposed subdivision consists of low density residential lots, which will be front loaded via individual driveways along a minor residential street. Lot A, which is identified on the map as a stormwater facility, will be located on the western side of the subdivision between Lots 88 and 89. Given the irregular shape of parcel F-55a, lot sizes within the subdivision vary; however, all parcels exceed the minimum requirements for the RS/DS zoning designation as identified in the WRSP. For example, the RS/DS development standards state that the minimum interior lot area is 3,600 square feet, and one of the smallest lots within the proposed subdivision, Lot 75, will be approximately 6,300 square feet in size. One parcel, identified as Lot 34, will be accessible via an approximately 30-foot-wide driveway and extend south toward the open space, creating a large single-family lot (greater than 0.5 an acre). All single-family parcels within the subdivision are designed to be usable and can be built upon. No Design Review for Residential Subdivisions (DRRS) to evaluate the future homes is required for the project as the property will be a low density residential development; however, the residences shall conform to RS/DS standards as identified in the WRSP.

The Tentative Subdivision Map also creates one high density residential parcel, identified as Lot B, which is intended to be an overflow parking lot for the existing Siena Apartment complex, located to the east of F-55. The parking lot will be constructed as a part of the proposed project (consistent with the proposed Development Agreement), and once complete the parking lot will be deeded over to the complex. An access easement for the benefit of the City of Roseville is shown along the driveway for previously described Lot 34, in order to prevent the creation of a land-locked parcel by the proposed tentative map. The proposed project is consistent with the proposed General Plan land use designation, WRSP, and the design standards of the Subdivision Ordinance with regard to size, density, design, character, as well as lot and road configuration.

Open Space: The proposed subdivision on parcel F-55a is located to the north of Coyote Creek and its associated open space. Fourteen of the single-family residential lots, as well as the stormwater facility on Lot A and the parking area on Lot B, will be located directly adjacent to the open space. As mentioned in the Large Lot Tentative Parcel Map discussion, two small parcels totaling 0.86 acres will be dedicated open space, widening the buffer between Coyote Creek and the proposed subdivision. A future bike trail is anticipated within the open space area, as identified in the WRSP. A 20-foot-wide bike trail access point will connect the proposed subdivision to the bike trail through Lot A.

The proposed project includes a revised preliminary alignment of the future bike trail along Coyote Creek, identified in the WRSP to the south of Parcel F-55. The original alignment showed the bike trail adjacent to the southern boundary of F-55, with the majority of the trail located on the north side of the creek. One crossing of the creek allowed the trail to connect to Hayden Parkway. The plan proposed by the project relocates the trail to the south side of the creek, with a connection into the proposed subdivision and a crossing in a different location across the creek. The new alignment would connect to proposed trails within the City's future Pistachio Park, and connect to the south on High School Road. The proposed trail alignment has been reviewed by the Parks, Recreation, and Libraries Department, as well as Alternative Transportation, and conditions of approval are recommended to ensure of the appropriate development of the future bike trail. Additionally, the proposed trail will not require additional wetland and resource permitting provided the development of the trail remains consistent with the terms of the WRSP Operations and Management Plan.

Access and Circulation: Access to the subdivision will be provided via a driveway from Blue Oaks Bl. Within the subdivision, minor residential roadways will serve the proposed front-loaded, single-family

homes. According to Section 18.08.040 (E) of the City's Subdivision Ordinance, a "tentative map shall provide for at least two different standard routes for ingress and egress". The Section indicates that a "standard route" is a public street, but that alternative methods of providing access may be evaluated by City staff. Given the shape of parcel F-55a and the limited frontage along a public roadway, Blue Oaks Bl., an alternative second point of egress was evaluated by the Engineering Division and the City of Roseville Fire Department. As a result, secondary access to the subdivision is available via a 20-foot-wide Emergency Vehicle Access lane (identified on the tentative map as LS-3) which will, in the event of an emergency, allow access to the subdivision from Blue Oaks Bl.

Conclusion: The small lot Tentative Subdivision Map will result in lots which can be used or built upon, and will not create lots which are impractical for improvement or use. The proposed parcel sizes, design, configuration, location, orientation, and character of the lots are consistent with the density, uses, circulation and open space systems, applicable policies and standards of the General Plan and the WRSP, and the design standards of the Zoning Ordinance. Additionally, approval of the project will not result in significant increase in demands for sewage services, and there will be no impacts to the existing requirements established by the Regional Water Quality Control Board.

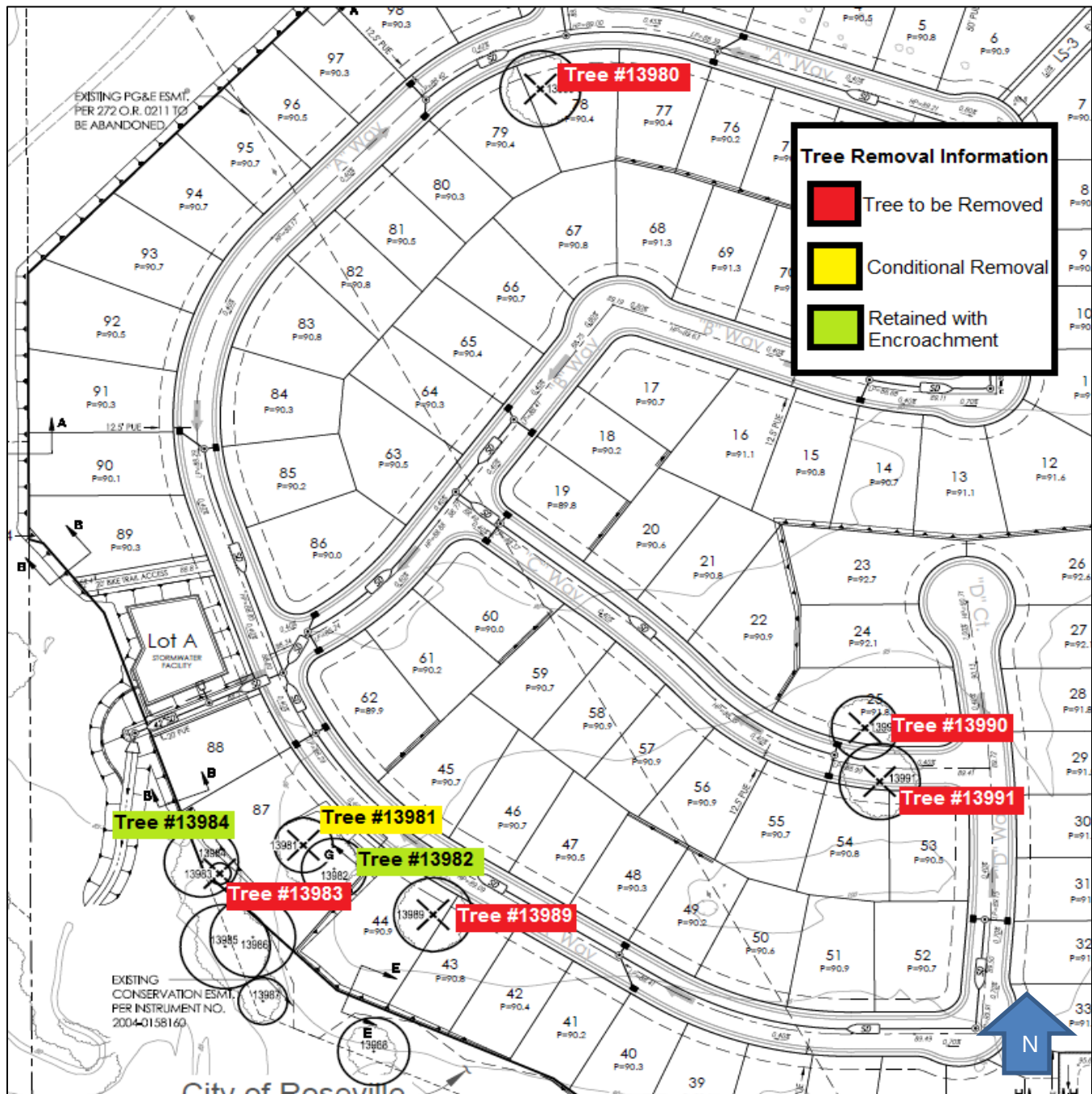
EVALUATION: TREE PERMIT

Pursuant to Zoning Ordinance Section 19.66.030, a Tree Permit is required for any removal of native oak trees, or for more than 20-percent encroachment into the dripline of a native oak tree. The proposed project will result in the removal of five oak trees, the conditional removal of one oak tree, and dripline encroachment of two oak trees. The required findings to approve a Tree Permit are listed below.

- 1. Approval of the Tree Permit will not be detrimental to the public health, safety or welfare, and approval of the Tree Permit is consistent with the provisions of Chapter 19.66.***
- 2. Measures have been incorporated into the project or permit to mitigate impacts to remaining trees or to provide replacement for trees removed.***

An arborist report was prepared for the project site by Sierra Nevada Arborists, dated February 22, 2019. The arborist report documented the presence of twelve native oak trees on the project site. The majority of the trees are located in the southern portion of the site, near Coyote Creek (Figure 3). Of the twelve trees, five require removal in order to develop the project site because they conflict with proposed improvements. The five trees are located either within the proposed residential roadways, or located within the proposed building envelope of the residential lots. One tree, identified as Tree #13981, is proposed for conditional removal, as project improvements may damage and ultimately necessitate removal of the tree. Therefore, the Tree Permit will allow the tree to be removed if the arborist monitoring construction determines removal to be necessary. In total, the project will result in the removal of 221 inches diameter at breast height (DBH) of oak trees, with an additional 32 inches DBH for conditional removal. The applicant shall comply with the compensation requirements of the City's Tree Preservation Ordinance. Mitigation will be completed with a combination of on-site planting and payment into the City's in-lieu fee program.

Figure 4: Tree Removal Information



There are also two trees that will experience dripline encroachment from the development. Trees #13982 and #13984 are located within proposed residential Lot 87, in the southern portion of the proposed subdivision. In an effort to preserve the two trees, Lot 87 is proposed as an approximately 145-foot-wide parcel. This is more than twice the average lot width for parcels within the proposed subdivision. Encroachment from development is expected; however, the lot provides adequate space to develop a single family home without removal of the two oak trees. The total size in DBH of trees experiencing encroachment is 79 inches DBH.

Table 3 below provides a summary of all trees that will be removed, conditionally removed, or encroached upon by the proposed project.

Table 3: Tree Removal and Encroachment on Parcel F-55a

Tree #	Common Name/ Species	Total DBH (inches)	Dripline Radius (feet)	Disposition
13980	Valley Oak/ <i>Quercus lobata</i>	53	36	Removal
13981	Blue Oak/ <i>Quercus douglasii</i>	32	26	Conditional Removal
13982	Blue Oak/ <i>Quercus douglasii</i>	40	29	Retained with Encroachment
13983	Blue Oak/ <i>Quercus douglasii</i>	38	10	Removal
13984	Blue Oak/ <i>Quercus douglasii</i>	39	33	Retained with Encroachment
13989	Blue Oak/ <i>Quercus douglasii</i>	42	35	Removal
13990	Blue Oak/ <i>Quercus douglasii</i>	39	30	Removal
13991	Blue Oak/ <i>Quercus douglasii</i>	49	36	Removal
<i>Subtotal of Tree Removals (5): 221</i>				
<i>Subtotal of Conditional Tree Removals (1): 32</i>				
<i>Subtotal of Tree Encroachments (2): 79</i>				
Total Affected Trees (8): 332				

The Tree Permit contains conditions of approval, which includes a requirement to follow all of the recommendations of the Arborist Report and subsequent letter report. Any deviation from the approved permit would require a Tree Permit Modification, which would require approval by the City. The removal of the identified trees will not be detrimental to the public health, safety, or welfare, and measures have been incorporated to mitigate impacts.

PUBLIC OUTREACH

The proposed project was distributed to the various agencies and departments which have requested notice of City applications, and all comments were considered and incorporated into the Conditions of Approval, as appropriate. Notice of the application was also distributed to the Roseville Coalition of Neighborhood Associations. No comments were received.

A public notice of the Planning Commission hearing was published on February 14, 2020, and was distributed to all property owners within 300 feet of the project site. To date, two comments have been received from neighbors. One neighbor expressed a concern with the reduction in open space and did not want to see any oak trees cut down. The second neighbor, who lives in apartment complex adjacent

to Parcel F-55, expressed concerns about the open space, existing wildlife, and felt that the rezone of F-55 to a residential use changes the nature of the “activity core” identified in the Specific Plan. They also believed that adequate housing stock is already provided by the Specific Plan, and felt that additional housing is not necessary and will impact traffic in the area.

Staff has considered the comments and believes that the project is consistent with the intent of the General Plan, WRSP, and Zoning Ordinance. The open space identified as an area of concern for the residents has already been anticipated for development. The proposed project will ultimately increase the amount of planned open space for Coyote Creek, as additional acreage will be added to the buffer area as a part of the project. The proposed revision to the “activity core” of the WRSP will further buffer residences from utility uses within the plan area, placing recreational facilities to both the east and west of the PGWWTP, and eliminating a Light Industrial zoning designation in close proximity to existing housing. The increase of 99 single family residences is an incremental increase (less than 1%) in the amount of housing within the Specific Plan area, and the preceding analysis (as well as the analysis in the Addendum to the WRSP Environmental Impact Report and Fiddymont Ranch Amendment 3 Subsequent Environmental Impact Report) shows that the new units will have a minimal impact on the existing uses, including with regard to traffic and provision of services. Therefore, staff recommends that the Planning Commission and City Council approve the project as proposed.

CONCLUSION

As demonstrated by the analyses in the foregoing sections, the proposed project is consistent with the objectives and overall intent of the General Plan and the WRSP. If approved, the project will allow the exchange of WRSP Parcel F-55 and Parcel W-60a, which would create a substantial, unique benefit to the public interest in the City of Roseville. Staff supports the proposed project as it will not be detrimental to public health or safety, nor will it be detrimental to the public welfare.

ENVIRONMENTAL DETERMINATION

An Addendum to the 2004 West Roseville Specific Plan Environmental Impact Report (EIR) and the 2014 Fiddymont Ranch Specific Plan Amendment 3 Subsequent EIR has been prepared for the WRSP PCL F-55 and W-60a Project (File # PL19-0180) consistent with California Environmental Quality Act Section 15164. The Planning Commission and City Council will consider the Addendum prior to taking action on the project. The Addendum and all appendices is included as Attachment 1.

RECOMMENDATION

The Planning Division recommends the Planning Commission take the following actions:

- A. Consider the Addendum to the West Roseville Specific Plan EIR and the Fiddymont Ranch Amendment 3 SEIR.
- B. Recommend the City Council approve the **General Plan Text and Land Use Amendment – 2401 Blue Oaks Bl. and 2600 Westbrook Bl. – WRSP PCL F-55 and W-60a – PL19-0180.**
- C. Recommend the City Council approve the **Specific Plan Text and Land Use Amendment – 2401 Blue Oaks Bl. and 2600 Westbrook Bl. – WRSP PCL F-55 and W-60a – PL19-0180.**
- D. Recommend the City Council adopt the two (2) findings of fact as stated in the staff report and approve the **Rezone – 2401 Blue Oaks Bl. and 2600 Westbrook Bl. – WRSP PCL F-55 and W-60a – PL19—0180.**

- E. Recommend the City Council approve the **Development Agreement – 2401 Blue Oaks Bl. and 2600 Westbrook Bl. – WRSP PCL F-55 and W-60a – PL19-0180**.
- F. Adopt the three (3) findings of fact as listed in the staff report and approve the **Tentative Parcel Map – 2401 Blue Oaks Bl. and 2600 Westbrook Bl. – WRSP PCL F-55 and W-60a – PL19-0180** subject to thirty-two (32) conditions of approval.
- G. Adopt the three (3) findings of fact as listed in the staff report and approve the **Small Lot Tentative Subdivision Map – 2401 Blue Oaks Bl. and 2600 Westbrook Bl. – WRSP PCL f-55 and W-60a – PL19-0180** subject to sixty (60) conditions of approval.
- H. Adopt the two (2) findings of fact as listed in the staff report and approve the **Tree Permit – 2401 Blue Oaks Bl. and 2600 Westbrook Bl. – WRSP PCL F-55 and W-60a – PL19-0180** subject to twenty (20) conditions of approval.

CONDITIONS OF APPROVAL FOR THE LARGE LOT TENTATIVE PARCEL MAP (FILE # PL19-0180)

1. The project is approved as shown in Exhibit D and as conditioned or modified below. (Planning)
2. The applicant shall pay City's actual costs for providing plan check, mapping, GIS, and inspection services. This may be a combination of staff costs and direct billing for contract professional services. Project billing may occur up to two (2) months after recordation of the map. (Engineering, Environmental Utilities, Finance)
3. The project shall comply with all required environmental mitigation identified in the West Roseville Specific Plan Environmental Impact Report and the Fiddymont Ranch Amendment 3 Subsequent Environmental Impact Report and shall include all applicable mitigation measures as notes on the grading plans. (All Departments)
4. The project on parcel F-55 shall be addressed as 2401 Blue Oaks Bl. The address for proposed Parcel 1 shall be 2401 Blue Oaks Bl. The address for proposed Parcel 2 shall be 2451 Blue Oaks Bl. The address for proposed Parcel 3 shall be 2409 Blue Oaks Bl. The address for proposed Parcel 4 shall be 2403 Blue Oaks Bl. (Business Services)

PRIOR TO ISSUANCE OF A GRADING PERMIT AND/OR IMPROVEMENT PLANS

5. The applicant shall submit to the Engineering Division the appropriate Army Corps of Engineers permit or clearance, the California Department of Fish and Wildlife Stream Bed Alteration Agreement, and/or the Regional Water Quality Control Board Water Quality Certificate. (Planning)
6. Prior to the issuance of a grading permit or approval of Improvement Plans, the grading plans shall clearly identify all existing water, sewer, and recycling water utilities within the boundaries of the project (including adjoining public right-of-way). Existing utilities shall be identified in plan-view and profile-view where grading activities will modify existing site elevations over top of or within 15 feet of the utility. Any utilities that could potentially be impacted by the project shall be clearly identified along the proposed protection measures. The developer shall be responsible for taking measures and incurring cost associated with protecting the existing water, sewer, and recycling water utilities to the satisfaction of the Environmental Utilities Director. (Environmental Utilities)
7. Water and sewer infrastructure shall be designed and constructed pursuant to the adopted City of Roseville Improvement Standards and Construction Standards and shall reflect the following:

- a) Sewer and water service laterals shall not be allowed off of water and sewer mains larger than 12 inches in diameter.
 - b) Utilities or permanent structures shall not be located within the area which would be disturbed by an open trench needed to expose sewer trunk mains deeper than 12 feet unless approved by Environmental Utilities in these conditions. The area needed to construct the trench is a sloped cone above the sewer main. The cone shall have 1:1 side slopes.
 - c) Water and sewer mains shall not exceed a depth of 12 feet below finished grade, unless authorized in these conditions.
 - d) All sewer manholes shall have all-weather 10-ton vehicular access unless authorized by these conditions. (Environmental Utilities)
8. Recycled water infrastructure shall be designed pursuant to the adopted City of Roseville Improvement Standards and the City of Roseville Construction Standards. The applicant shall pay all applicable recycled water fees. Easements shall be provided as necessary for recycled water infrastructure. (Environmental Utilities)
9. Any backflow preventers visible from the street shall be painted green to blend in with the surrounding landscaping. The backflow preventers shall be screened with landscaping and shall comply with the following criteria:
 - a) There shall be a minimum clearance of four feet (4') on all sides, from the backflow preventer to the landscaping.
 - b) For maintenance purposes, the landscaping shall be installed on a maximum of three sides and the plant material shall not have thorns.
 - c) The control valves and the water meter shall be physically unobstructed.
 - d) The backflow preventer shall be covered with a green cover that will provide insulation. (Environmental Utilities)
10. A note shall be added to the Improvement Plans stating that all water backflow devices shall be tested and approved by the Environmental Utilities Division prior to the Notice of Completion for the improvements. (Environmental Utilities)
11. Fire hydrants shall be located as required by the Fire Department. The maximum distance between fire hydrants shall not exceed 500' on center. (Fire)
12. Minimum fire flow is 1,500 gallons per minute with 20 pounds of residual pressure. The fire flow and residual pressure may be increased, as determined by the Fire Marshal, where the project utility lines will serve non-residential uses. (Fire)
13. Any facilities proposed for placement within public/electric utility easements shall be subject to review and approval by the Electric Department before any work commences in these areas. This includes, but is not limited to, landscaping, lighting, paving, signs, trees, walls, and structures of any type. (Electric)
14. All Electrical Department facilities, including street lights where applicable, shall be designed and built to the "City of Roseville Specification for Residential Trenching". (Electric)

15. The design for electrical service for this project will begin when the Electrical Department has received a full set of improvement plans for the project. (Electric)
16. All landscaping in areas containing electrical service equipment shall conform to the “Electric Department Landscape Design Requirements” as outlined in Section 7.00 of the Electric Department’s “Specifications for Residential Trenching.” (Electric)
17. The location and design of the gas service shall be determined by PG&E. the design of gas service for this project shall not begin until PG&E has received a full set of City approved improvement plans for the project. (PG&E)
18. It is the developer’s responsibility to notify PG&E of any work required on PG&E facilities. (PG&E)

PRIOR TO OR UPON RECORDATION OF FINAL/PARCEL MAP

19. All existing easements shall be maintained, unless otherwise provided for in these conditions. (Environmental Utilities, Electric, Engineering)
20. Separate document easements required by the City shall be prepared in accordance with the City’s “Policy for Dedication of Easements to the City of Roseville”. All legal descriptions shall be prepared by a licensed land surveyor. (Alternative Transportation, Environmental Utilities, Electric, Engineering)
21. Street names shall be approved by the City of Roseville. (Engineering)
22. The Final/Parcel Map shall include an irrevocable offer to dedicate public rights-of-way and public and/or private easements as required by the City. Lettered Lot/Parcels along major roads shall be dedicated as landscape/pedestrian/public utility easements and in fee to the City as open space. (Engineering)
23. The words “traffic control appurtenances” shall be included in the list of utilities allowed in public utilities easements (PUE’s) located along public roadways. (Engineering)
24. The Parcel Map shall be submitted per, “The Digital Submittal of Cadastral Surveys”. Submittal shall occur after Engineering approval but prior to Council approval. (Engineering)
25. Electric construction costs incurred by the City of Roseville Electric Department for this project shall be paid for by the developer per the applicable policy. (Electric)
26. The applicant shall pay all applicable water and sewer fees. (Environmental Utilities)

OTHER CONDITIONS OF APPROVAL

27. The applicant shall pay City’s actual costs for providing plan check, installation and inspection sections. This may be combination of staff costs and direct billing for contract professional services. (Environmental Utilities, Engineering)
28. Any relocation, rearrangement, or change to existing electric facilities due to this development shall be at the developer’s expense, except for an existing PG&E overhead power line, which shall be removed by the City of Roseville at their sole cost. (Electric)

29. It is the responsibility of the developer to insure that all existing electric facilities remain free and clear of any obstructions during construction and when the project is complete. (Electric)
30. If site survey or earth moving work results in the discovery of hazardous materials in containers or what appears to be hazardous wastes released into the ground, the contractor shall notify the Roseville Fire Department immediately. A representative from the Fire Department will make a determination as to whether the incident is reportable or not and if site remediation is required. Non-emergency releases or notifications about the presence of containers found shall be reported to the Fire Department. (Fire)
31. All plant material shall be maintained under a 30-calendar day establishment period after initial planting. Upon completion of the establishment period, all plant material shall remain under warrantee for an additional 9 months minimum. Any plant material which does not survive during the establishment period shall be immediately replaced. Any trees or shrubs which do not survive during the warrantee period shall be replaced during one month prior to the end of the warrantee period. Tree or shrub replacement made necessary due to acts of God, neglect or vandalism shall be exempt from the warrantee. (Parks, Recreation, and Libraries)
32. The Parcel Map shall not be deemed approved until the actions on the General Plan Amendment, Specific Plan Amendment, Rezone, and Development Agreement are approved and become effective. (Planning)

CONDITIONS OF APPROVAL FOR THE SMALL LOT TENTATIVE SUBDIVISION MAP (FILE #

PL19-0180)

1. The project is approved as shown in Exhibits E-H and as conditioned or modified below. (Planning)
2. The approval of the Tentative Subdivision Map does not constitute approval of proposed improvements as to size, design, materials, or location, unless specifically addressed in these conditions of approval. The Developer shall submit civil drawings to the Department of Development Services – Engineering Divisions for review and approval. (Engineering)
3. The design and construction of all improvements shall conform to the Design and Construction Standards of the City of Roseville, or as modified by these conditions of approval, or as directed by the City Engineer. (Engineering)
4. The applicant shall pay City's actual costs for providing plan check, mapping, GIS, and inspection services. This may be a combination of staff costs and direct billing for contract professional services. Project billing may occur up to two (2) months after the end of warranty or the Notice of Termination date for the SWPPP, whichever occurs later. (Engineering, Environmental Utilities, Finance)
5. The project shall comply with all required environmental mitigation measures identified in the West Roseville Specific Plan Environmental Impact Report and the Fiddymont Ranch Amendment 3 Subsequent Environmental Impact Report and shall include all applicable mitigation measures as notes on the grading plans. (All Departments)

PRIOR TO ISSUANCE OF A GRADING PERMIT AND/OR IMPROVEMENT PLANS

6. Landscape Plans for landscape corridors and all landscaped common areas shall be approved with the improvement plans. Landscaping shall be installed for Substantial Completion of the subdivision improvements. Landscape corridors shall also successfully complete the required establishment period.

The landscape plan shall comply with the West Roseville Specific Plan and the City of Roseville Water Efficient Landscape Ordinance. (Planning, Engineering, Parks, Fire, Environmental Utilities)

7. Grading around the native oak trees shall be as shown on the tentative map or as approved in these conditions. (Planning)
8. The applicant shall submit to the Engineering Division the appropriate Army Corps of Engineers permit or clearance, the California Department of Fish and Wildlife Stream Bed Alteration Agreement, and/or the Regional Water Quality Board Water Quality Certificate. (Planning)
9. The grading and improvement plans shall be designed in accordance with the City's Improvements Standards and Construction Standards and shall reflect the following:
 - a) Street improvements including, but not limited to, curb, gutter, sidewalk, pavement, drainage system, traffic striping, signing, medians and markings, etc. along all existing and proposed City streets, as required by Engineering.
 - b) Grading shall comply with the City Grading Ordinance. Erosion control devices (sediment traps, ditches, straw bales, etc.) shall be shown on the Stormwater Pollution Prevention Plan (SWPPP) and its associated WDID number noted on the grading plans. All erosion control shall be installed prior to the onset of wet weather. Erosion control is installed to minimize silt discharge from the project site. It is incumbent upon the applicant to ensure that the necessary measures are taken to minimize silt discharge from the site. Therefore, modification of the erosion control plan may be warranted during wet weather conditions.
 - c) A rough grading permit may be approved by the Engineering Division prior approval of the improvement plans.
 - d) Access to the floodplain as required by the Development Services Department – Engineering Division and Public Works Department.
 - e) Standard accessible ramps shall be installed at all curb returns per City Standards. (Engineering)
10. For all work to be performed off-site, permission to enter and construct shall be obtained from the property owner, in the form of a notarized right-of-entry. Said notarized right-of-entry shall be provided to the Engineering Division prior to approval of any plans. (Engineering)
11. The applicant shall apply for and obtain an encroachment permit from the Engineering Division prior to any work conducted within the City right-of-way. (Engineering)
12. All Lots/Parcels shall conform to Class 1 drainage, pursuant to the adopted City of Roseville Improvement Standards, except as shown on the tentative map or as approved in these conditions. (Engineering)
13. The following note shall be added to the Grading and/or Improvement Plans:

To minimize dust/grading impacts during construction the applicant shall:

 - a) *Spray water on all exposed earth surfaces during clearing, grading, earth moving and other site preparation activities throughout the day.*

- b) *Use tarpaulins or other affective covers on all stockpiled earth material and on all haul trucks.*
- c) *Sweep the adjacent streets frontages at least once a day or as needed to remove silt and other dirt which is evident from construction activities.*
- d) *Ensure that construction vehicles are cleaned prior to leaving the construction site to prevent dust and dirt from being tracked off site.*
- e) *The City shall have the authority to stop all grading operations, if in the opinion of city staff, inadequate dust control measures are being practiced or excessive wind conditions contribute to fugitive dust emissions. (Engineering)*

14. A note shall be added to the grading plans that states:

*“Prior to the commencement of grading operations, the contractor shall identify the site where the **excess/borrow** earthen material shall be imported/deposited. If the **borrow/deposit** site is within the City of Roseville, the contractor shall produce a report issued by a geotechnical engineer to verify that the exported materials are suited for the intended fill, and shall show proof of all approved grading plans. Haul routes to be used shall be specified.” (Engineering)*

- 15. The developer shall be responsible to construct the remaining frontage on Blue Oaks Bl. from the western curb return of “Citra” Drive to the existing eastern improvements. This will include all curb, gutter, and an eight-foot-wide sidewalk. Additionally, a 215-foot right turn interim taper shall be constructed from the western curb return, extending west to meet the existing roadway, as shown on Exhibit H. (Engineering)
- 16. All proposed roadways shall be constructed to the City’s minor residential street standard unless modified by details shown on the approved tentative map. (Engineering)
- 17. An emergency vehicle access (EVA) shall be provided through lot LS-3, as shown on the approved tentative map. The EVA shall be approved by the Fire Code Official and have a minimum width of 20-feet and shall provide access to Blue Oaks Bl. (Engineering, Fire)
- 18. All storm drainage, including roof drains, shall be collected on-site and treated with Best Management Practices (BMP’s) per the City’s Storm Water Quality Design Manual. All storm water shall be routed to the nearest existing storm drain system or natural drainage facility. Any drain outfalls shall extend down to the receiving water and shall be constructed with adequate velocity attenuation devices. The grading/improvement plans for the site shall be accompanied with a shed map that defines the area tributary to the site and all drainage facilities shall be designed to accommodate the tributary flow. If the subdivision becomes a private community, the storm drain system and proposed BMP’s shall be privately owned and maintained by the Homeowner’s Association (HOA). Prior to the issuance of any permits, the owner shall provide a plan for the maintenance of the proposed BMP’s. (Engineering)
- 19. The grading plans shall be accompanied with engineered structural calculations for all retaining walls greater than 4 feet in height. All retaining walls shall be of either split-faced masonry units, keystone type construction, or cast in place concrete with fascia treatment. (Engineering)
- 20. Sight distances for all driveways shall be clearly shown on the improvement plans to verify that minimum standards are achieved. It will be the responsibility of the project proponent to provide appropriate landscaping and improvement plans, and to relocate and/or modify existing facilities as needed to meet these design objectives. (Engineering)

21. Improvement plans shall show the open space boundary and label it as a protected area. The Pre-Construction meeting shall address the presence of the open space, the sensitive habitats present and minimization of disturbance to the open space. During grading and construction the preserve area shall be avoided and shall not be used for parking, storage, or project staging. The contractor shall remove all trash blown into the preserve from adjacent construction on a daily basis. After construction is complete, the temporary fencing shall be removed from the preserve, along with all temporary erosion control measures (e.g. straw bales, straw waddles and stakes, silt fencing). (Engineering, Development Services, Planning)
22. Prior to construction within any phase of the project, high visibility temporary construction fencing shall be installed along the parcel adjacent to the open space. Fencing shall be maintained daily until permanent fencing is installed, at which time the temporary fencing shall be removed from the project site. (Engineering, Development Services, Planning)
23. With the exception of access required for maintenance and/or emergency vehicles, the project shall be designed to prevent vehicle access into the open space. Post and cable fencing or other improvements shall be utilized to meet this requirement. (Engineering, Development Services, Planning)
24. Landscaping adjacent to the open space shall be California native, drought-tolerant groundcover, shrubs, plants, and trees. (Development Services, Planning)
25. Prior to the approval of the Improvement Plans, the project proponent shall provide proof of preparation and submittal of a Storm Water Pollution Prevention Plan (SWPPP) to the Regional Water Quality Control Board (RWQCB). Proof shall be in the form of the Waste Discharge Identification Number (WDID#), provided to the applicant from RWQCB, placed on the coversheet of the improvement plans. Upon approval of the improvement plans, a copy of the SWPPP shall be required onsite and available for viewing by City inspection staff upon request. (Engineering)
26. Prior to the issuance of a grading permit or approval of Improvement Plans, the grading plans shall clearly identify all existing water, sewer and recycled water utilities within the boundaries of the project (including adjoining public right-of-way). Existing utilities shall be identified in plan-view and in profile-view where grading activities will modify existing site elevations over top of or within 15 feet of the utility. Any utilities that could potentially be impacted by the project shall be clearly identified along with the proposed protection measures. The developer shall be responsible for taking measures and incurring costs associated with protecting the existing water, sewer, and recycled water utilities to the satisfaction of the Environmental Utilities Director. (Environmental Utilities)
27. Water and sewer infrastructure shall be designed and constructed pursuant to the adopted City of Roseville Improvement Standards and Construction Standards and shall reflect the following:
 - a) Sewer and water service laterals shall not be allowed off of water and sewer mains larger than 12 inches in diameter.
 - b) Utilities or permanent structures shall not be located within the area which would be disturbed by an open trench needed to expose sewer trunk mains deeper than 12 feet unless approved by Environmental Utilities in these conditions. The area needed to construct the trench is a sloped cone above the sewer main. The cone shall have 1:1 side slopes.
 - c) Water and sewer mains shall not exceed a depth of 12 feet below finished grade, unless authorized in these conditions.

- d) All sewer manholes shall have all-weather 10-ton vehicular access unless authorized by these conditions. (Environmental Utilities)
28. Recycled water infrastructure shall be designed pursuant to the adopted City of Roseville Improvement Standards and the City of Roseville Construction Standards. The applicant shall pay all applicable recycled water fees. Easements shall be provided as necessary for recycled water infrastructure. (Environmental Utilities)
29. Any backflow preventers visible from the street shall be painted green to blend in with the surrounding landscaping. The backflow preventers shall be screened with landscaping and shall comply with the following criteria:
- a) There shall be a minimum clearance of four feet (4') on all sides, from the backflow preventer to the landscaping.
 - b) For maintenance purposes, the landscaping shall be installed on a maximum of three sides and the plant material shall not have thorns.
 - c) The control valves and the water meter shall be physically unobstructed.
 - d) The backflow preventer shall be covered with a green cover that will provide insulation. (Environmental Utilities)
30. A note shall be added to the Improvement Plans stating that all water backflow devices shall be tested and approved by the Environmental Utilities Division prior to the Notice of Completion for the improvements. (Environmental Utilities)
31. Fire hydrants shall be located as required by the Fire Department. The maximum distance between fire hydrants shall not exceed 500' on center. (Fire)
32. Minimum fire flow is 1,500 gallons per minute with 20 pounds of residual pressure. The fire flow and residual pressure may be increased, as determined by the Fire Marshall, where the project utility lines will serve non-residential uses. (Fire)
33. Any facilities proposed for placement within public/electric utility easements shall be subject to review and approval by the Electric Department before any work commences in these areas. This includes, but is not limited to, landscaping, lighting, paving, signs, trees, walls, and structures of any type. (Electric)
34. All Electric Department facilities, including street lights where applicable, shall be designed and built to the "City of Roseville Specifications for Residential Trenching". (Electric)
35. The design for electrical service for this project will begin when the Electric Department has received a full set of improvement plans for the project. (Electric)
36. All landscaping in areas containing electrical service equipment shall conform to the "Electric Department Landscape Design Requirements" as outlined in Section 7.00 of the Electric Department's "Specifications for Residential Trenching." (Electric)
37. The location and design of the gas service shall be determined by PG&E. The design of gas service for this project shall not begin until PG&E has received a full set of City approved improvement plans for the project. (PG&E)

38. It is the developer's responsibility to notify PG&E of any work required on PGE&E facilities. (PG&E)

PRIOR TO OR UPON RECORDATION OF THE FINAL/PARCEL MAP

39. All existing easements shall be maintained, unless otherwise provided for in these conditions or as noted on the tentative map. (Environmental Utilities, Electric, Engineering)

40. Separate document easements required by the City shall be prepared in accordance with the City's "Policy for Dedication of Easements to the City of Roseville". All legal descriptions shall be prepared by a licensed land surveyor. (Alternative Transportation, Environmental Utilities, Electric, Engineering)

41. A declaration of Conditions, Covenants and Restrictions (CC&Rs), in a form approved by the City Attorney, shall be recorded on the entire property concurrently with the Final Map. The CC&Rs shall include the following items: (Attorney, Planning)

- a) A clause prohibiting the amendment, revision, or deletion of any sections in the CC&Rs required by these conditions of approval without the prior written consent of the City Attorney.

42. The City shall not approve the Final Map for recordation until either:

- a) A subdivision agreement is entered into along with the necessary bonds and insurance as required by the City. Said agreement shall be in a form acceptable to the City Attorney.

OR

- b) The improvement plans are approved, and the improvements are constructed and accepted as complete. In this case, the subdivider shall enter into a one-year maintenance agreement concurrent with the recordation of the Final Map. (Engineering)

43. The applicant shall submit a street name application with proposed street names. The application can be found here: <https://www.roseville.ca.us/cms/one.aspx?portalId=7964922&pageId=10388929> . After city review, the applicant will receive the application identifying approved or rejected street names. If enough street names are approved, the applicant shall submit a map with the approved street names to receive a stamp and to be used as the approved street name exhibit. This shall be included in the submittal for improvement plans. (Business Services, Engineering)

44. Street names shall be approved by the City of Roseville. (Engineering)

45. The Final Map shall include an irrevocable offer to dedicate public rights-of-way and public and/or private easements as required by the City. Lettered Lot/Parcels along major roads shall be dedicated as landscape/pedestrian/public utility easements and in fee to the City as open space. (Engineering)

46. The words "traffic control appurtenances" shall be included in the list of utilities allowed in public utility easements (PUE's) located along public roadways. (Engineering)

47. The Final Map shall be submitted per, "the Digital Submittal of Cadastral Surveys". Submittal shall occur after Engineering approval but prior to Council approval. (Engineering)

48. Electric construction costs incurred by the City of Roseville Electric Department for this project shall be paid for by the developer per the applicable policy. (Electric)

49. The Environmental Utilities Division shall make a determination that there is adequate conveyance and treatment capacity in the City sewer system to handle the newly created Lot/Parcels. (Environmental Utilities)

50. The applicant shall pay all applicable water and sewer fees. (Environmental Utilities)

OTHER CONDITIONS OF APPROVAL

51. All residential units must install a Seasonal Energy Efficiency Rating ("SEER") of 2 points above the minimum, as defined by the State of California in the current Title 24 of the Code of California regulations, up to a total maximum of 16 points including the 2 point premium, an Energy Efficiency Ratio ("EER") of 12 or greater, and a thermal expansion valve "TXV". The SEER rating of 2 points above the minimum, as defined by the current Title 24, up to a maximum of 16 points, and an EER rating of 12 or greater along with a TXV will be specified on building plans and Title 24 compliance certificates at the time building permits are requested. If Title 24 of the Code of California Regulations in effect at the time of request for building permits requires higher SEER or EER ratings, residential units in the Plan Area shall comply with such State requirements. The SEER and EER ratings will be verified with appropriate documentation. These requirements shall be utilized in the overall energy compliance calculations required for issuance of a building permit for any residential unit. Any variances must be approved by the Electric Department's Retail Energy Services Department. (Building, Electric)

52. The applicant shall pay City's actual costs for providing plan check, installation and inspection services. This may be a combination of staff costs and direct billing for contract professional services. (Environmental Utilities, Engineering)

53. Any relocation, rearrangement, or change to existing electric facilities due to this development shall be at the developer's expense, except for an existing PG&E overhead power line, which shall be removed by the City of Roseville at their sole cost. (Electric)

54. It is the responsibility of the developer to ensure that all existing electric facilities remain free and clear of any obstructions during construction and when the project is complete. (Electric)

55. Existing public facilities damaged during the course of construction shall be repaired by the applicant, at the applicant's expense, to the satisfaction of the City. (Engineering)

56. The project is subject to the noise standards established in the City's Noise Ordinance. In accordance with the City's Noise Ordinance project construction is exempt between the hours of 7 A.M. and 7 P.M. Monday through Friday, and between the hours of 8 A.M. and 8 P.M. Saturday and Sunday. Provided, however, that all construction equipment shall be fitted with factory installed muffling devices and that all construction equipment shall be maintained in good working order. (Engineering)

57. If site survey or earthmoving work results in the discovery of hazardous materials in containers or what appears to be hazardous wastes released into the ground, the contractor shall notify the Roseville Fire Department immediately. A representative from the Fire Department will make a determination as to whether the incident is reportable or not and if site remediation is required. Non-emergency releases or notifications about the presence of containers found shall be reported to the Fire Department. (Fire)

58. All plant material shall be maintained under a 30 calendar day establishment period after initial planting. Upon completion of the establishment period, all plant material shall remain under warranty for a minimum of an additional nine months. Any plant material which does not survive during the

establishment period shall be immediately replaced. Any trees or shrubs which do not survive during the warranty period shall be replaced one month prior to the end of the warranty period. Tree or shrub replacement made necessary due to acts of God, neglect or vandalism shall be exempt from the warranty. (Parks, Recreation, and Libraries)

59. The developer shall be responsible for installation of the trail improvements within Lot A with no reimbursement from the City. If the subdivision is gated, the Lot A improvements shall include a gated access from Lot A to the future public trail within the open space, and the Homeowner's Association shall be responsible maintaining the trail improvements within Lot A, including the gate. (Alternative Transportation)
60. If sufficient funds are available within the West Roseville Specific Plan Bike Trail fund, and if mutually agreeable by the City and the developer, the subdivision improvements shall include some or all of the trail improvements as shown in the Conceptual Bike Trail Exhibit. (Alternative Transportation)

CONDITIONS OF APPROVAL FOR THE TREE PERMIT (FILE # PL19-0180)

1. All recommendations contained in the Arborist Report (included in Attachment 1) are incorporated by reference into these conditions, except as modified herein. (Planning)
2. The approval of this Tree Permit shall expire on **February 27, 2022**.
3. Trees as listed in Exhibit F are approved for removal with this Tree Permit. All other native oak trees shall remain in place. Trees to be removed shall be clearly marked in the field and inspected by Planning Staff prior to removal. Removal of the trees shall be performed by or under the supervision of a certified arborist. (Planning)
4. The developer shall be responsible for the replacement for the total number of inches proposed for removal prior to any tree removal. The total number of inches for this project is 221 inches, or 253 inches if Tree #13981 requires removal. Mitigation must be provided prior to tree removal unless otherwise approved in the tree replacement plan or in these conditions. (Planning)
5. No activity shall be permitted within the protected zone of any native oak tree beyond those identified by this report. Encroachment into the protected zone of Trees # 13982 and #13984 as shown in Exhibit F and described in the staff report is permitted. (Planning)
6. A \$10,000 cash deposit or bond (or other means of security provided to the satisfaction of the Planning Division) shall be posted to ensure the preservation of all remaining trees during construction. The cash deposit or bond shall be posted in a form approved by the City Attorney. Each occurrence of a violation on any condition regarding tree preservation shall result in forfeiture of all or a portion of the cash deposit or bond. (Planning)
7. A violation of any of the conditions of this Tree Permit is a violation of the Roseville Municipal Code, the Zoning Ordinance (Chapter 19.74) and the Tree Preservation Ordinance (Chapter 19.66). Penalties for violation of any of the conditions of approval may include forfeiture of the bond, suspension or revocation of the permit, payment of restitution, and criminal penalties. (Planning)
8. A fencing plan shall be shown on the approved site plan and/or improvement plans demonstrating the Protected Zone for the affected trees. A maximum of three feet beyond the edge of the walls, driveways, or walkways will be allowed for construction activity and shall be shown on the fencing plan. The fencing

plan shall be reviewed and approved by the Planning Division prior to the placement of the protective fencing. (Planning)

9. The applicant shall install a minimum of a five-foot-high chain link fence (or acceptable alternative) to the outermost edge of the Protected Zone of the oak tree. Where encroachment is permitted pursuant to Condition 4 above, the fencing for encroachments shall be installed at the limit of construction activity. The applicant shall install signs at two equidistant locations on the temporary fencing that are clearly visible from the front of the lot and where construction activity will occur. The size of each sign shall be a minimum of two feet (2') by two feet (2') and must contain the following language: "WARNING THIS FENCE SHALL NOT BE REMOVED OR RELOCATED WITHOUT WRITTEN AUTHORIZATION FROM THE PLANNING DIVISION." (Planning)
10. Once the fencing is installed, the applicant shall schedule an appointment with the Planning Division to inspect and approve the temporary fencing before beginning any construction. (Planning)
11. The applicant shall arrange with the arborist to perform, and certify in writing, the completion of deadwooding, fertilization, and all other work recommended for completion prior to the approval of improvement plans. Pruning shall be done by an Arborist or under the direct supervision of a Certified Arborist, in conformance with International Society of Arboriculture (I.S.A.) standards. Any watering and deep root fertilization which the arborist deems necessary to protect the health of the trees as noted in the arborist report or as otherwise required by the arborist shall be completed by the applicant.
12. A utility trenching pathway plan shall be submitted depicting all of the following systems: storm drains, sewers, water mains, and underground utilities. The trenching pathway plan shall show the proposed locations of all lateral lines. (Planning)
13. A Site Planning Meeting shall be held with the applicant, the applicant's primary contractor, the Planning Division, and the Engineering Division to review this permit, the approved grading or improvement plans, and the tree fencing prior to any grading on-site. The Developer shall call the Planning Division and Engineering Division two weeks prior to the start of grading work to schedule the meeting and fencing inspection. (Planning)
14. The following information must be located on-site during construction activities: Arborist Report, approved site plan/improvement plans including fencing plan, and conditions of approval for the Tree Permit. All construction must follow the approved plans for this tree permit without exception. (Planning)
15. All preservation devices (aeration systems, oak tree wells, drains, special paving, etc.) shall be designed and installed as required by these conditions and the arborist's recommendations, and shall be shown on the improvement plans or grading plans. (Planning)
16. If any native ground surface fabric within the Protected Zone must be removed for any reason, it shall be replaced within forty-eight (48) hours. (Planning)
17. Storage or parking of materials, equipment, or vehicles is not permitted within the Protected Zone of any oak tree. Vehicles and other heavy equipment shall not be operated within the Protected Zone of any oak tree. (Planning)
18. Where recommended by the arborist, portions of the foundation shall be hand dug under the direct supervision of the project arborist. The certified arborist shall immediately treat any severed or damaged roots. Minor roots less than one (1) inch in diameter may be cut, but damaged roots shall be traced back and cleanly cut behind any split, cracked, or damaged area. Major roots over one (1) inch in diameter

may not be cut without approval of an arborist and any arborist recommendations shall be implemented. (Planning)

19. The temporary fencing shall remain in place throughout the entire construction period and shall not be removed without obtaining written authorization from the Planning Division. In no event shall the fencing be removed before the written authorization is received from the Planning Division. (Planning)

PRIOR TO ISSUANCE OF FINAL

20. Within five days of the completion of construction, a Certification Letter from a certified arborist shall be submitted to and approved by the Planning Division. The certification letter shall attest to all of the work (regulated activity) that was conducted in the protected zone of the tree, either being in conformance with this permit or of the required mitigation still needing to be performed. (Planning)

Attachments

1. Addendum to the West Roseville Specific Plan Environmental Impact Report (EIR) and the Fiddymint Ranch Amendment 3 Subsequent EIR
2. Guidelines for Conversion of Non-Residential Land Uses (August 4, 2004)

Exhibits

- A. General Plan Amendment and Specific Plan Amendment Exhibit
- B. Rezone Exhibit
- C. West Roseville LLC Development Agreement
- D. Large Lot Tentative Parcel Map
- E. Small Lot Tentative Subdivision Map
- F. Tentative Subdivision Map – Tree Removals, Conceptual Grading and Drainage
- G. Tentative Subdivision Map – Conceptual Grading, Drainage, and Utilities
- H. Tentative Subdivision Map – Blue Oaks Bl. Striping Plan
- I. West Roseville Specific Plan Text and Figure Change Pages

Note to Applicant and/or Developer: Please contact the Planning Division staff at (916) 774-5276 prior to the Commission meeting if you have any questions on any of the recommended conditions for your project. If you challenge the decision of the Commission in court, you may be limited to raising only those issues which you or someone else raised at the public hearing held for this project, or in written correspondence delivered to the Planning Manager at, or prior to, the public hearing.

PC ATTACHMENT 1

PC ATTACHMENT 1 - Addendum to the West Roseville Specific Plan EIR and Fiddymment Ranch Amendment 3 Subsequent EIR has been removed from CC ATTACHMENT 1 to be considered as CC EXHIBIT A.

Guidelines for Conversion of Non-Residential Land Uses

August 4, 2004

Intent:

In response to pressures to convert portions of the City's non-residential land use inventory the City has developed the following guidelines for the consideration of land use changes. The intent of the guidelines is to articulate the City's expectations relating to land use change proposals. These guidelines are to be applied as performance measures in the preparation and review of any such proposals. The guidelines are not intended to be inclusive of all City development requirements, but rather supplement those requirements by identifying or emphasizing concepts particularly important or unique to potential land use changes. It is expected that the City's emphasis on certain concepts or requirements will change overtime. Therefore, the guidelines are to be a fluid document to be revisited every two years and updated to reflect the City's present need.

In consideration of the unique attributes and constraints of various areas of the City, the guidelines have been divided in two areas those guidelines that are applicable to the infill area and those that are applicable to the balance of the City. A map depicting these areas is attached.

Infill

The overarching goal to be applied to land use changes within the infill portion of the City is to encourage and emphasize reinvestment and revitalization without creating undue burdens and barriers to development while preserving neighborhood compatibility.

1. Infill properties are identified as those properties located within the City's infill planning area as designated on the City's Zoning Map.
2. Parks obligation to include payment of citywide and neighborhood park fees. Neighborhood Park fees are to be applied to infill neighborhood park improvements as identified on an infill park CIP projects list. Where the Parks Department demonstrates a park need a Parkland dedication or in-lieu park fee for land dedication may be negotiated and evaluated on a project by project basis, based on the nature of the project and the benefit to the City.
3. Encourage the use of private passive open space in-lieu of land dedication for infill projects.
4. Off site utilities (e.g. water, sewer, electric) that serve more than the specific project are not the sole responsibility of the project. Over-sizing of improvements or upgrading to City standards may be available for City reimbursement. The City may develop a CIP for off site improvements for which a project may pay an impact fee in lieu of constructing the improvement. Each project shall be reviewed on a case-by-case basis and shall be conditioned accordingly.
5. School impacts shall be mitigated through new impact agreements executed to reflect the payment of the City's existing infill school impact fees.
6. New housing development shall meet the City's 10% goal (4% affordable to very low, 4% affordable to low, and 2% affordable to middle income) except redevelopment areas shall provide 15%. (Of those 40% affordable to very low income and the balance affordable to low/middle income).
7. A land use change on the Placer County Fair Grounds shall require a master plan.

8. Encourage higher density residential mixed-use projects with consideration to the relaxing of any one guideline or multiple guidelines to promote and provide incentives for innovative higher density residential mixed-use projects.

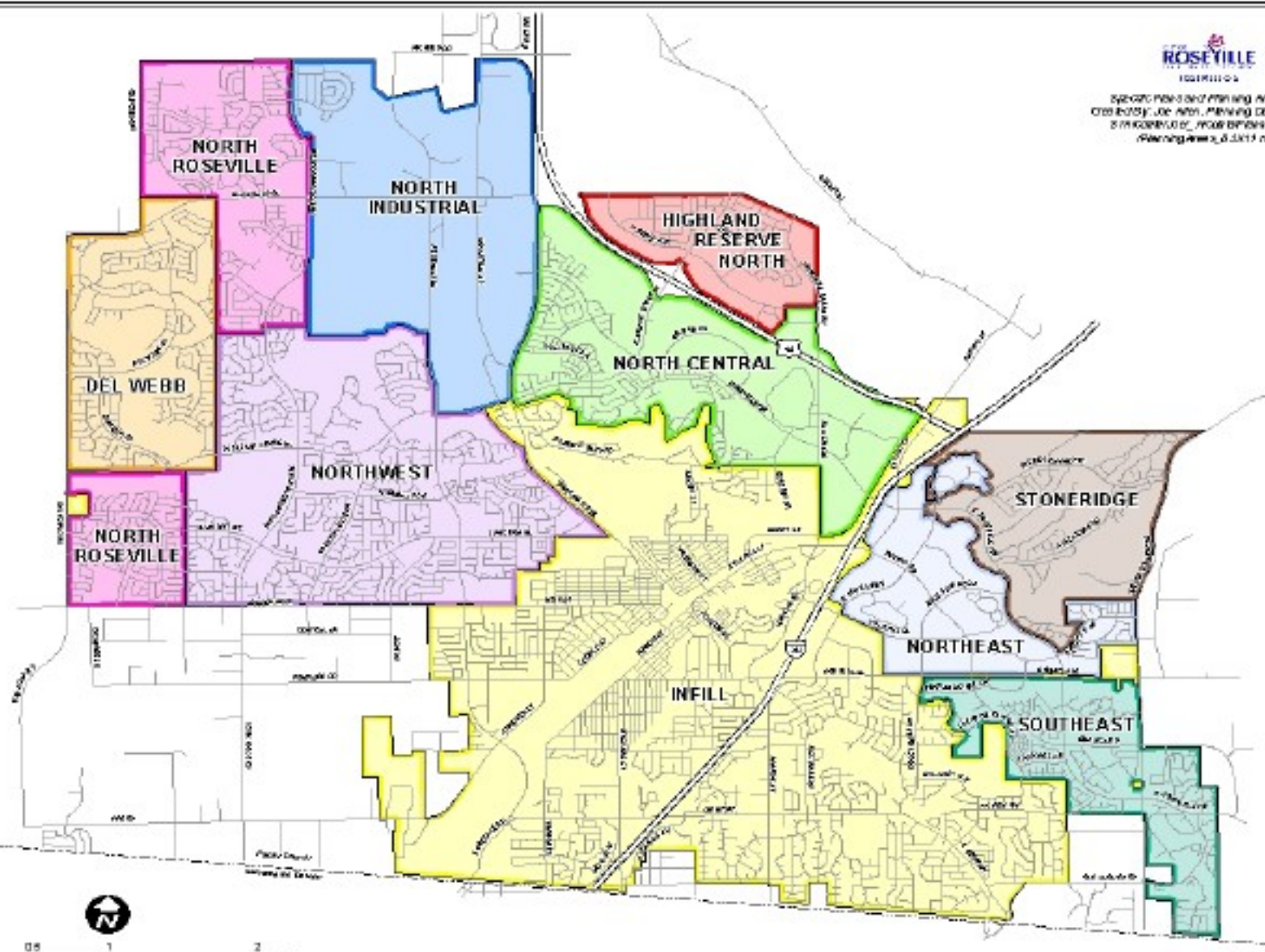
Balance of the City

The overarching goal to be applied to land use changes for the balance of the City is to maintain the City's fiscal balance and prevent the loss of jobs and existing job centers while maintaining a balanced community.

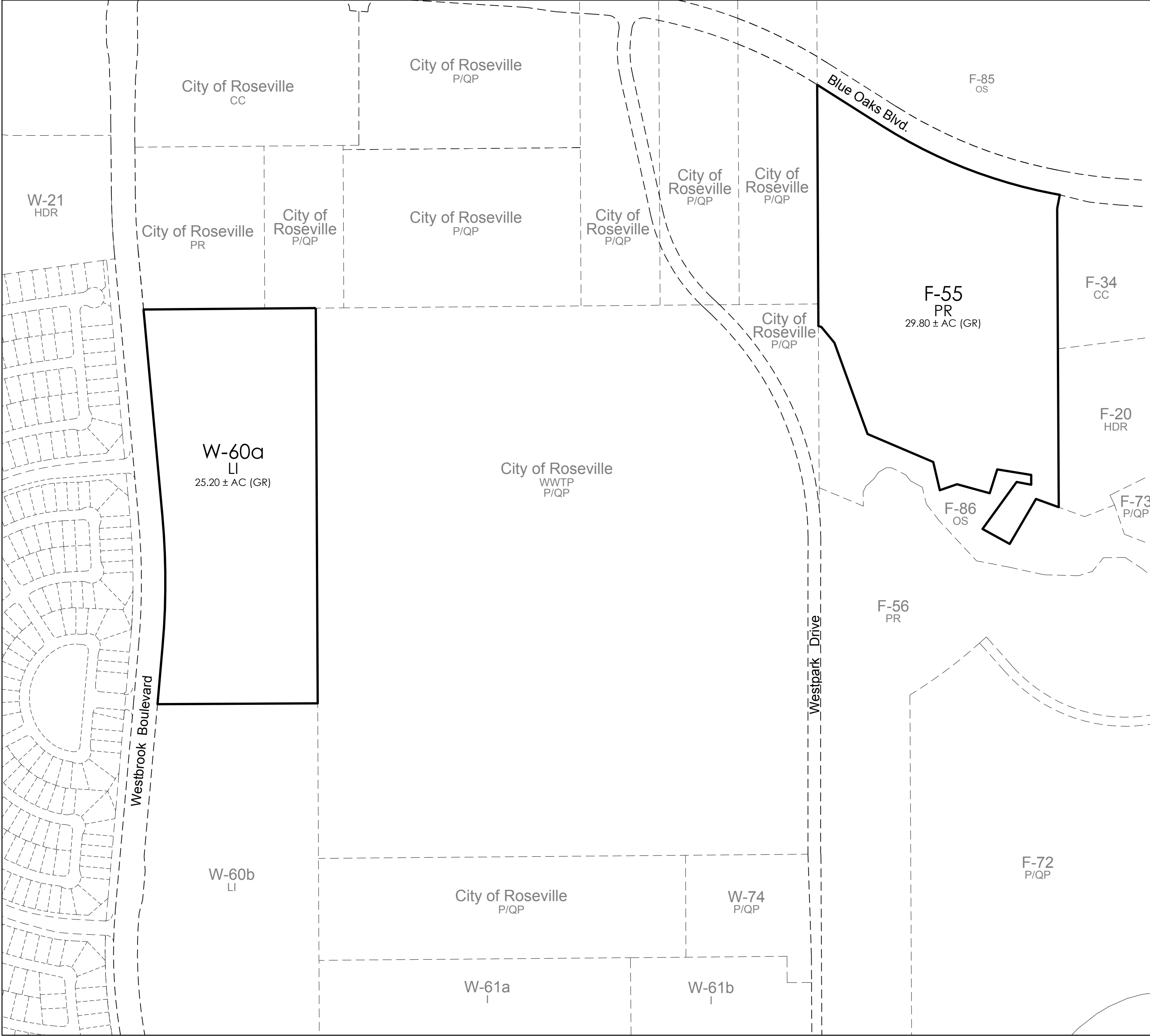
1. Balance of the City includes properties within all specific plans and the North Industrial Plan area.
2. A region wide employment and land inventory study shall be required of each project that is equal to or greater than 50 acres.
3. Land use changes will not have a negative fiscal impact to the City. Each project shall be modeled individually for citywide impacts utilizing the City's fiscal model.
4. Projects that are 50 acres or greater in size shall maintain employment options and a favorable jobs housing balance.
5. New housing development shall meet the City's 10% goal consistent with the Housing Element (4% affordable to very low, 4% affordable to low, and 2% affordable to middle income).
6. Projects shall provide a specific public benefit that may be in the form of a community benefit fee.
7. Increases in general fund service demands shall be mitigated by establishment of or annexation into a Community Facilities Mello Roos Assessment District to offset the costs of the project. The assessment may be utilized to offset the cost of the following: public safety; parks and open space maintenance; storm water management; and other costs identified by the City.
8. Parks obligation to include payment of citywide and neighborhood park fees. Active park needs shall be provided by the project. An in-lieu parkland dedication fee may be negotiated in lieu of land based on the project. For each acre of parkland dedication mitigated by an in-lieu fee a corresponding in-lieu fee shall be paid for park improvements. The in-lieu fees shall provide improvements of local benefit.
9. Place emphasis on the dedication of parklands within specific plan areas rather than acceptance of and in-lieu fee for land dedication.
10. Utilities (e.g. water, sewer, electric) shall not be impacted as to conveyance or capacity.
11. School impacts shall be mitigated through new impact agreements executed with the school districts to ensure that the projects student generation is accommodated.
12. Residential units not utilized within a specific plan area shall be reallocated within that plan area and school district. Otherwise, requests for units shall be considered as additive to the City's existing unit allocation.
13. Encourage higher density residential mixed-use projects with consideration to the relaxing of any one guideline or multiple guidelines to promote and provide incentives for innovative higher density residential mixed-use projects.



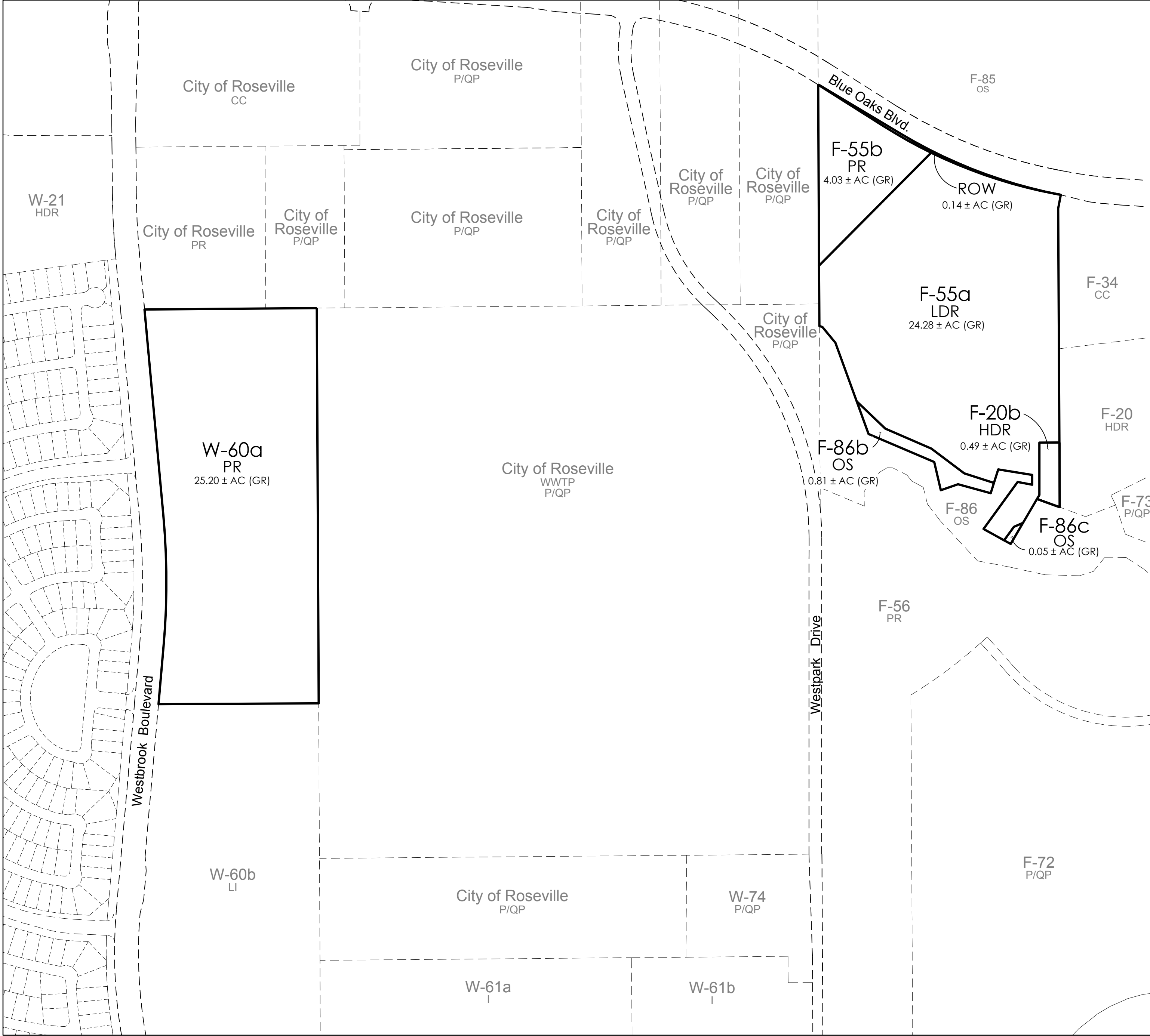
Specific Plans and Planning Areas
Created by Joe Allen, Planning Dept. Manager
5/1/2010, Roseville Planning
Planning Area 6.0/1.17.2010



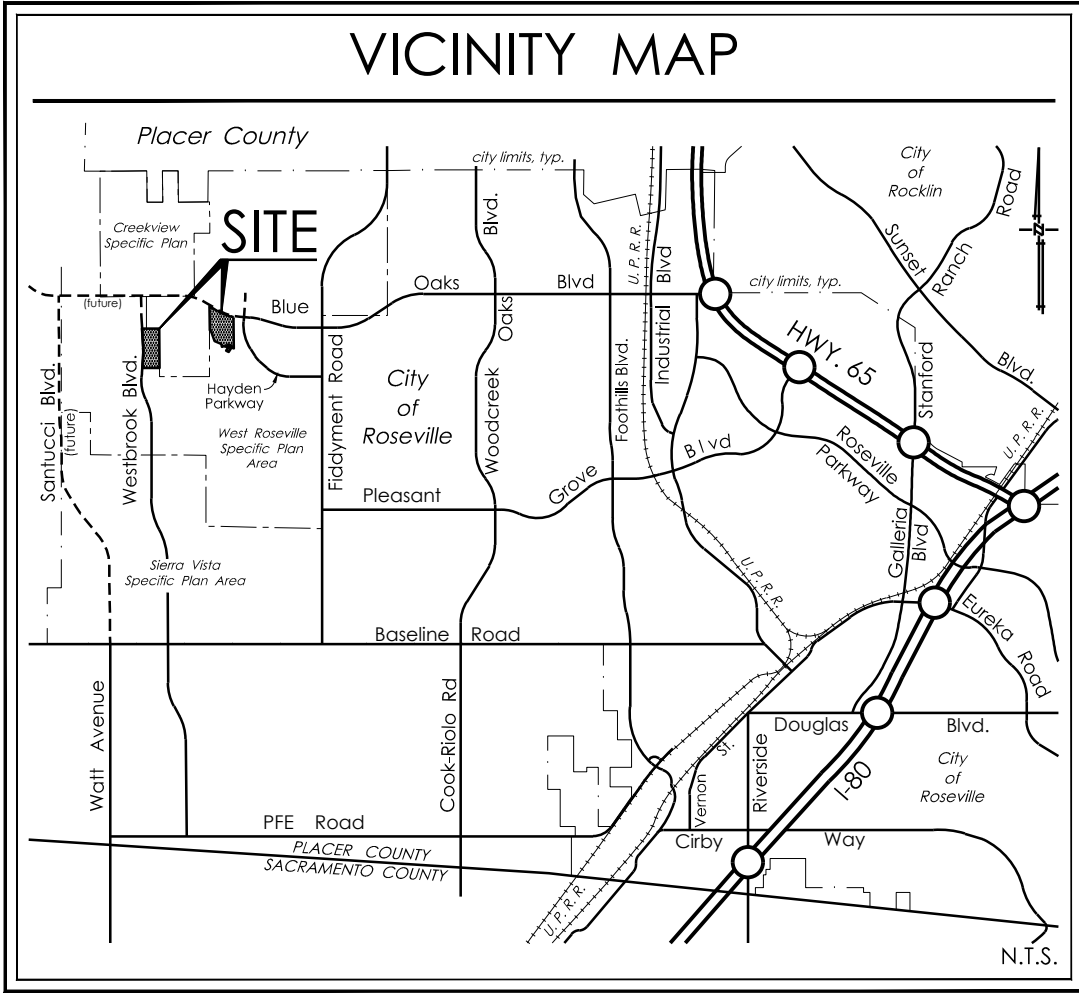
SPECIFIC PLANS & PLANNING AREAS



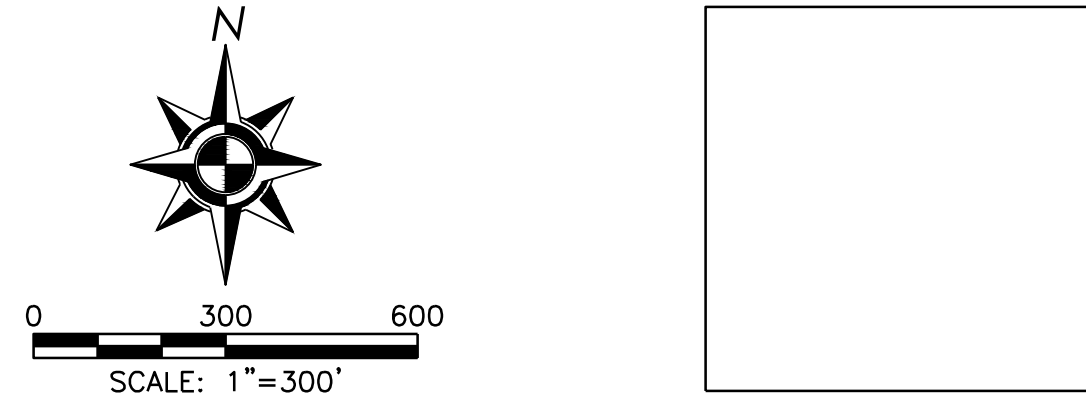
EXISTING LAND USE



PROPOSED LAND USE



LAND USE SUMMARY		
Existing Land Use		
Parcel	Land Use	Acres
F-55	P/R (Parks & Recreation)	29.80 ac.
W-60a	LI (Light Industrial)	25.20 ac.
TOTAL		55.00 ac.
Proposed Land Use		
Parcel	Land Use	Acres
F-55a	LDR (Low Density Residential)	24.28 ac.
F-55b	P/R (Parks & Recreation)	4.03 ac.
F-86b	OS (Open Space)	0.81 ac.
F-86c	OS (Open Space)	0.05 ac.
F-20b	HDR (High Density Residential)	0.49 ac.
W-60a	P/R (Parks & Recreation)	25.20 ac.
ROW	Right of Way	0.14 ac.
TOTAL		55.00 ac.



GENERAL PLAN AMENDMENT &
SPECIFIC PLAN AMENDMENT EXHIBIT

Parcels F-55 & W-60a
of the West Roseville Specific Plan

Roseville, CA December 11, 2019

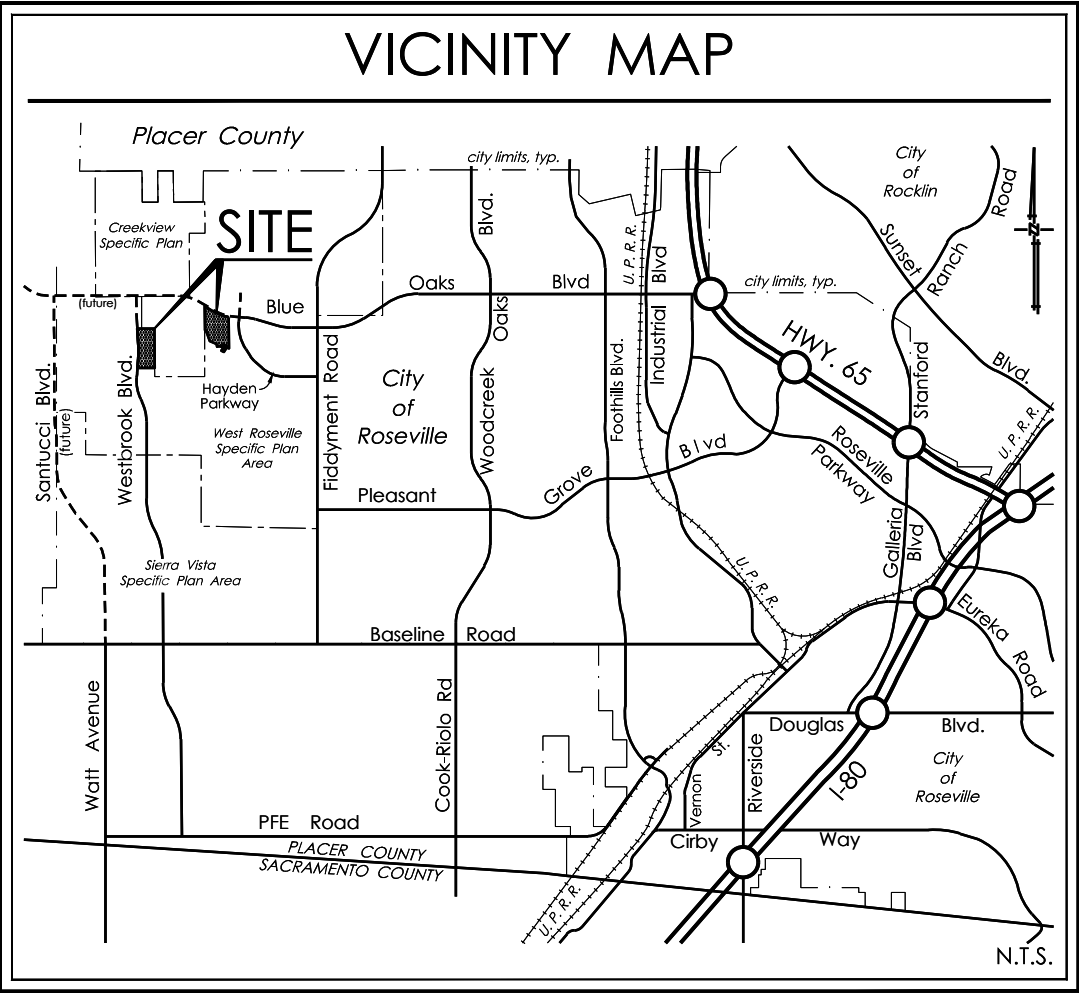




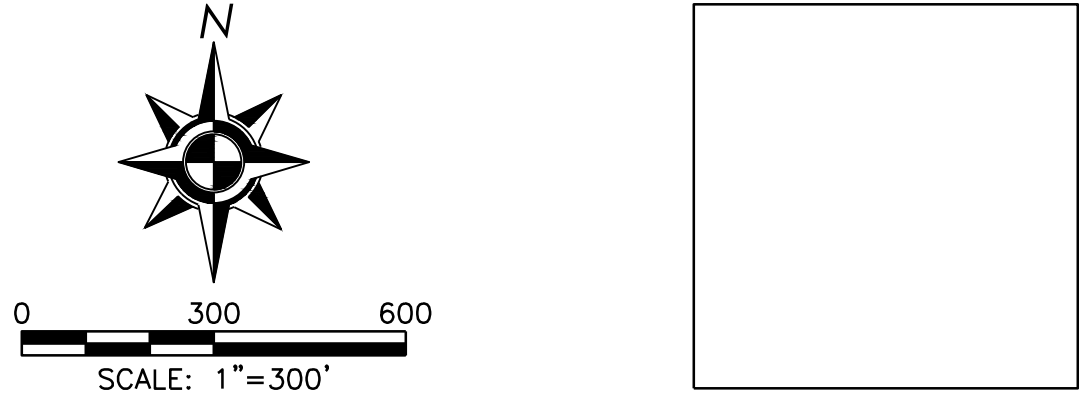
EXISTING ZONING



PROPOSED ZONING



ZONING SUMMARY		
Existing Zoning		
Parcel	Zoning District	Acres
F-55	PR (Park & Recreation)	29.80 ac.
W-60a	M1/SA (Light Industrial/Special Area)	25.20 ac.
TOTAL		55.00 ac.
Proposed Zoning		
Parcel	Zoning District	Acres
F-55a	RS/DS (Small Lot Residential/Development Standard)	24.28 ac.
F-55b	PR (Park & Recreation)	4.03 ac.
F-86b	OS (Open Space)	0.81 ac.
F-86c	OS (Open Space)	0.05 ac.
F-20b	R3 (Attached Housing)	0.49 ac.
W-60a	PR (Park & Recreation)	25.20 ac.
ROW	Right of Way	0.14 ac.
TOTAL		55.00 ac.



REZONE EXHIBIT
Parcels F-55 & W-60a
of the West Roseville Specific Plan
Roseville, CA December 11, 2019

RECORD AND WHEN RECORDED
RETURN TO:

CITY CLERK
CITY OF ROSEVILLE
311 VERNON STREET
ROSEVILLE, CA 95678

Exempt from Recording Fees
Gov't Code Section 27383

2/14/2020

DEVELOPMENT AGREEMENT
BY AND BETWEEN THE CITY OF ROSEVILLE
AND WEST ROSEVILLE, LLC
RELATIVE TO THE
WEST ROSEVILLE SPECIFIC PLAN

_____, 2020

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**DEVELOPMENT AGREEMENT
BY AND BETWEEN THE CITY OF ROSEVILLE
AND WEST ROSEVILLE, LLC RELATIVE TO THE
WEST ROSEVILLE SPECIFIC PLAN**

This Development Agreement (the "Agreement") is entered into this ____ day of _____, 2020, by and between the CITY OF ROSEVILLE, a municipal corporation ("City"), and WEST ROSEVILLE, LLC, a California limited liability company ("Westpark" or "Landowner"), pursuant to the authority of Sections 65864 through 65869.5 of the Government Code of the State of California.

RECITALS

A. Authorization. To strengthen the public planning process, encourage private participation in comprehensive planning and reduce the economic risk of development, the Legislature of the State of California adopted Section 65864, et seq., of the Government Code (the "Development Agreement Statute"), which authorizes the City of Roseville and an applicant for a development project to enter into a development agreement, establishing certain development rights in the Property which is the subject of the development project application.

B. Property. The subject of this Agreement is the development of that certain parcel of land (the "Project"), consisting of approximately 24.28± acres as described in Exhibit "A", and shown on Exhibit "B" (hereinafter the "F-55a Property"), attached hereto, which constitutes a portion of the larger area comprising 3,162± acres commonly referred to the West Roseville Specific Plan area ("Specific Plan", "WRSP" or "Plan Area"), which Specific Plan was approved by the City on February 4, 2004, with the Plan Area subsequently annexed into the City. The two parcels comprising the real property that is the subject of Landowner's request to the City for land use entitlements described below are also commonly referred to as Parcel F-55a and Parcel W-60a in the WRSP. The City is the owner of Parcel F-55a, a portion of current Parcel F-55, and Landowner is the owner of Parcel W-60a (the "W-60a Property"). The City and Landowner have entered into a purchase and sale agreement (the "Purchase and Sale Agreement"), whereby Landowner will deed the 25.20± acre Parcel W-60a to the City for the City's use in developing a multi-field sports complex, in exchange for 24.77± acres (24.28± acres for Parcels F-55a and 0.49± acres for F-20b) of the current 29.80± acre Parcel F-55, subject to the terms and conditions of the Purchase and Sale Agreement, including the approval of the land use entitlements described below. The City will retain 4.89± acres of current Parcel F-55 that is subdivided from the balance of current Parcel F-55, with 4.03± acres designated Parks & Recreation (Parcel F-55b), and 0.86± acres designated Open Space (Parcels F-86b and F-86c), along with an additional 0.14± acres for roadway right-of way. The land uses of the respective parcels after the

approval of such land use entitlements are shown in Exhibit "C" attached hereto. City and Landowner represent that all persons holding legal or equitable interests in the F-55a Property to be acquired by Landowner shall be bound by this Agreement.

C. Hearings. On _____, 2020, the City Planning Commission, designated by Roseville Ordinance No. 3014 as the planning agency for purposes of development agreement review pursuant to Government Code Section 65867, in a duly noticed public hearing, considered this Agreement and recommended that the City Council approve this Agreement.

D. Specific Plan Environmental Impact Report; Project Environmental Document. On February 4, 2004, the City Council, in Resolution No. 04-38, certified as adequate and complete the Final EIR (the "EIR") (State Clearinghouse #2002082057) for the Specific Plan, which EIR analyzed buildout of the Specific Plan at a project level. After the City conducted an Initial Study, the City Council, in Resolution No. _____, adopted _____, 2020, concluded that an Addendum to the EIR (the "Addendum") was the appropriate environmental document for the Project. Mitigation measures were suggested in the EIR and are incorporated in the Project. With such mitigation measures, environmental impacts from the Project will be no greater than identified in the EIR and in the terms and conditions of this Agreement, as reflected by the findings adopted by the City Council concurrently with this Agreement.

E. Entitlements. Following consideration of and conclusion that the aforementioned EIR and Addendum are together deemed the appropriate environmental document for the Project, and adoption of CEQA related findings, the City Council on _____, 2020, approved the following land use entitlements for the Property, which entitlements are the subject of this Agreement:

- 1) After consideration of the Addendum, the EIR, as deemed the appropriate environmental document by Resolution No. 04-38, and the Mitigation Monitoring and Reporting Program ("MMRP"), previously adopted therewith;
- 2) The Roseville General Plan, as amended by Resolution No. _____, adopted _____, 2020;
- 3) The West Roseville Specific Plan, as amended by Resolution No. _____, adopted _____, 2020;
- 4) The Re-zoning of the Properties pursuant to Ordinance No. _____ dated _____, 2020;
- 5) The Tentative Parcel Map, as adopted on _____, 2020, by

Resolution No. _____;

- 6) The Small Lot Tentative Subdivision Map, as adopted on _____, 2020, by Resolution No. _____;
- 7) Tree Permit; and
- 8) This Development Agreement, as adopted by Ordinance No. _____, dated _____, 2020 (the "Adopting Ordinance").

The approvals described in paragraphs 1 through 8, inclusive, are referred to herein collectively as the "Entitlements." No other action or approval by City shall be deemed an "Entitlement," provided, however, that subsequent actions or approvals by City for development of the F-55a Property, including, but not limited to, tentative parcel maps and small lot tentative subdivision maps, major project permits, conditional use permits and design review permits (the "Subsequent Entitlements"), shall be deemed included as part of the Entitlements upon City action or approval thereof. The inclusion of Subsequent Entitlements as part of the Entitlements vested hereunder shall not limit the City's discretion to impose time limits within which such Subsequent Entitlements must be implemented.

F. General and Specific Plans. Development of the F-55a Property in accordance with the Entitlements will provide orderly growth and development of the area in accordance with the policies set forth in the General Plan and the West Roseville Specific Plan. For purposes of the vesting protection granted by this Agreement, except as otherwise provided herein, or by state or federal law, the applicable law shall be as set forth in the Entitlements as of the date hereof.

G. Substantial Costs to Landowner. Landowner has incurred and will incur substantial costs in order to comply with conditions of approval of the Entitlements and to assure development of the F-55a Property in accordance with the Entitlements and the terms of this Agreement.

H. Need for Services and Facilities. Development of the F-55 Property will result in a need for municipal services and facilities, which services and facilities will be provided by City to such development subject to the performance of Landowner's obligations hereunder.

I. Contribution to Costs of Facilities and Services. Landowner agrees to contribute to the costs of such public facilities and services as required herein to mitigate impacts on the City from the development of the F-55a Property, and City agrees to provide such public facilities and services, according to the terms of this Agreement, to assure that Landowner may proceed with and complete development of

the F-55a Property in accordance with the terms of this Agreement. Landowner will provide as a part of such development a mix of housing meeting a portion of the housing needs for the City, public facilities such as open space, recreational amenities, and other services and amenities that are of benefit to the entire City. City and Landowner recognize and agree that but for Landowner's contributions to mitigate the impacts arising as a result of development entitlements granted pursuant to this Agreement, City would not and could not approve the development of the F-55a Property as provided by this Agreement and that, but for City's covenant to provide the facilities and services necessary for development of the F-55a Property, Landowner would not and could not commit to provide the mitigation as provided by this Agreement. City's vesting of the right to develop the F-55a Property as provided herein is in reliance upon and in consideration of Landowner's agreement to make contributions toward the cost of public improvements as herein provided to mitigate the impacts of development of the F-55a Property as such development occurs.

J. Development Agreement Ordinance. City and Landowner have taken all actions mandated by and fulfilled all requirements set forth in the Development Agreement Ordinance of the City of Roseville, Article V, Chapter 19.84 of Ordinance No. 3014 of the Roseville Municipal Code.

AGREEMENT

ARTICLE 1. GENERAL PROVISIONS

1.1 Incorporation of Recitals. The Preamble, the Recitals and all defined terms set forth in both are hereby incorporated into this Agreement as if set forth herein in full.

1.2 Binding Covenants. Upon satisfaction of the conditions to recordation of the Agreement set forth in Section 1.3.1 below, the provisions of this Agreement shall constitute covenants which shall run with the F-55a Property and the benefits and burdens hereof shall bind and inure to all successors in interest to and assigns of the parties hereto. Accordingly, all references herein to "Landowner" shall mean and refer to West Roseville, LLC, and each and every subsequent purchaser or transferee of the F-55a Property or any portion thereof from Landowner.

1.3 Term.

1.3.1 Commencement; Expiration. The term of this Agreement shall commence upon the effective date (the "Effective Date") of the ordinance approving this Agreement (the "Adopting Ordinance") and shall extend for a period of thirty (30) years after the Effective Date, unless said term is terminated, modified or extended by

circumstances set forth in this Agreement or by mutual consent of the parties hereto. The Agreement shall be recorded against the F-55a Property within ten (10) calendar days after City enters into the Agreement, as required by California Government Code Section 65868.5. Following expiration of the term, this Agreement shall be deemed terminated and of no further force and effect. As set forth in the Recitals above, the City's agreement to approve development of the F-55a Property (including the zoning of the F-55a Property) is being made in consideration of Landowner's covenants under this Agreement. In the event of any such termination prior to recordation of this Agreement, Landowner acknowledges that the Entitlements shall no longer be vested by this Agreement and that the City shall not be required to approve any development of the F-55a Property, unless and until an effective development agreement is entered into with the City for the F-55a Property.

1.3.2 Automatic Termination Upon Completion and Sale of Residential Unit. This Agreement shall automatically be terminated, without any further action by either party or need to record any additional document, with respect to any single-family residential lot within the Project designated by the Specific Plan for residential use, upon completion of construction and issuance by the City of a final inspection for a dwelling unit upon such residential lot and conveyance of such improved residential lot by Landowner to a bona-fide good faith purchaser thereof. In connection with its issuance of a final inspection for such improved lot, City shall confirm that; (i) all improvements which are required to serve the lot, as determined by City, have been accepted by City; (ii) the lot is included within the Public Services CFD required by Section 3.19 or other financing mechanism acceptable to the City, to the extent required hereby; and (iii) if and to the extent applicable to such lot, an affordable purchase or rental housing agreement has been recorded on the lot. Termination of this Agreement for any such residential lot as provided for in this Section 1.3.2 shall not in any way be construed to terminate or modify any assessment district or Mello-Roos Community Facilities District lien affecting such lot at the time of termination.

1.3.3 Termination Upon Landowner Request. This Agreement may also be terminated, at the election of the then property owner, with respect to any legally subdivided parcel designated by the Specific Plan for residential or non-residential use (other than parcels designated for public use), when recording a final residential lot subdivision map for such parcel, or receiving a certificate of occupancy or final inspection, whichever is applicable, for a multi-family or non-residential building within such parcel, by giving written notice to City of its election to terminate the Agreement for such parcel, provided that: (i) all improvements which are required to serve the parcel, as determined by City, have been accepted by City; (ii) the parcel is included within the Public Services CFD required by Section 3.19, or other financing mechanism acceptable to the City, to the extent required hereby; and (iii) with respect to residential parcels, an affordable purchase or rental housing agreement, if required for such parcel pursuant to Section 2.6.1.1, has been recorded on the parcel. City shall cause

any written notice of termination approved pursuant to this subsection to be recorded with the County Recorder against the applicable parcel at Landowner's expense. Termination of this Agreement for any such residential or non-residential parcel as provided for in this Section 1.3.3 shall not in any way be construed to terminate or modify any assessment district or Mello-Roos Community Facilities District lien affecting such parcel at the time of termination.

1.3.4 Tolling During Legal Challenge. In the event that this Agreement or any of the Entitlements are subjected to legal challenge by a third party, and Landowner is unable or elects not to proceed with the Project due to such litigation, the term of and timing for obligations imposed pursuant to this Agreement shall be automatically tolled during such litigation.

1.4 Amendment of Agreement. This Agreement may be amended from time to time by mutual consent of City and Landowner (and/or any successor owner of any portion of the physical area to which the benefit or burden of the amendment would apply), in accordance with the provisions of the Development Agreement Statute. If the proposed amendment affects less than the entirety of the F-55a Property, then such amendment need only be approved by the owner(s) in fee of the portion(s) of the F-55a Property that is subject to or affected by such amendment. The parties acknowledge that under the City Zoning Code and applicable rules, regulations and policies of the City, the Planning Manager has the discretion to approve minor modifications to approved land use entitlements without the requirement for a public hearing or approval by the City Council. Accordingly, the approval by the Planning Manager of any minor modifications to the Entitlements that are consistent with this Agreement shall not constitute nor require an amendment to this Agreement to be effective or to be subject to this Agreement.

For purposes of this Section, minor modifications shall mean any modification to the Project that does not relate to (i) the term of this Agreement, (ii) permitted-uses of the Project, (iii) density or intensity of use, (iv) provisions for the reservation or dedication of land, (v) conditions, terms, restrictions or requirements for subsequent discretionary actions, or (vi) monetary contributions by Landowner, and may be processed under CEQA as exempt from CEQA, or with the preparation of a Negative Declaration or Mitigated Negative Declaration.

1.5 Recordation Upon Amendment or Termination. Except when this Agreement is automatically terminated due to the expiration of the Term or the provisions of Section 1.3.2 above, the City shall cause any amendment hereto and any other termination hereof to be recorded, at Landowner's expense, with the County Recorder within ten (10) calendar days after City executes such amendment or termination. Any amendment or termination of the Agreement to be recorded that affects less than all the F-55a Property shall describe the portion thereof that is the

subject of such amendment or termination.

ARTICLE 2. DEVELOPMENT OF THE F-55 PROPERTY

2.1 Permitted Uses. The permitted uses of the F-55a Property, the density and intensity of use, the maximum height and size of proposed buildings, provisions for reservation or dedication of land for public purposes, and location of public improvements, and other terms and conditions of development applicable to the F-55a Property shall be those set forth in the Entitlements.

2.2 Vested Entitlements. Subject to the provisions and conditions of this Agreement, City agrees that City is granting, and grants herewith, a fully vested entitlement and right to develop the F-55a Property in accordance with the terms and conditions of the Entitlements, including, but not limited to, allocation of residential units to residentially designated parcels in the Specific Plan, minimum lot sizes, street locations and configurations in any approved tentative subdivision maps, and allocation of building square footage to commercially designated parcels in the Specific Plan. City acknowledges that the Entitlements include the following Specific Plan land use designations and approximate acreages, net of road right of way ("Net Acre") for the parcels in the Specific Plan set forth below, as shown in the Specific Plan Land Plan in Exhibit "D", attached hereto and summarized below:

Low Density Residential (Parcel F-55a)	99 units on 24.28 Net Acres;
High Density Residential (Parcel F-20b)	0 units on 0.49 Net Acres;
Park (Parcel W-60a and Parcel F-55b)	29.23 Net Acres;
Open Space (Parcels F-86b and F-86c)	0.86 Net Acres;
Right-of-Way	0.14 Net Acres.

Such uses shall be developed in accordance with the Entitlements, as such Entitlements provide on the Effective Date of this Agreement. Landowner's vested right to proceed with the development of the F-55a Property shall be subject to subsequent approvals, provided that any conditions, terms, restrictions and requirements for such subsequent approvals shall not prevent development of the F-55a Property for the uses set forth in the Entitlements, and as more fully set forth in Section 2.4.1 below.

2.2.1 Property Specific Development Standards. At Landowner's option, either the Residential Single Family/Development Standards (RS/DS) attached hereto as Exhibit "D-1" or the RS/DS standards set forth in the Specific Plan shall apply to the Low Density Residential designated parcel in the F-55a Property.

2.3 [Reserved].

2.4 Rules, Regulations and Official Policies.

2.4.1 Inconsistency. Except as prohibited by Government Code Section 65869.5 or other applicable state or federal law, to the extent any future rules, ordinances, regulations or policies applicable to development of the F-55a Property are inconsistent with the land use designations or permitted or conditionally permitted uses on the F-55a Property, density and intensity of use, rate or timing of construction, design requirements, maximum building height and size, or provisions for reservation and dedication of land or other conditions of approval or terms under the Entitlements as defined herein and as provided in this Agreement, the terms of the Entitlements and this Agreement shall prevail, unless the parties mutually agree to alter this Agreement. To the extent any future rules, ordinances, fees, regulations or policies applicable to development of the F-55a Property are not inconsistent with the land use designations or permitted or conditionally permitted uses on the F-55a Property, density and intensity of use, rate or timing of construction, design requirements, maximum building height and size, or provisions for reservation or dedication of land or other terms or conditions under the Entitlements or under any other terms of this Agreement, such rules, ordinances, fees, regulations or policies shall be applicable to the development of the F-55a Property, except as limited by Section 2.5.2 of this Agreement.

2.4.2 Obligation to Meet and Confer. If City attempts to apply to the Project future rules, ordinances, fees, regulations or policies which Landowner believes to conflict with the Entitlements, Landowner shall provide to City in writing a notice describing the legal and factual basis for Landowner's position. The parties shall meet and confer within thirty (30) calendar days after the date of such written notice by Landowner to discuss the matter.

2.4.3 Application of Changes. Nothing in this section shall preclude the application to development of the F-55a Property of changes in City laws, regulations, plans or policies, the terms of which are specifically mandated or required by changes in State or Federal laws or regulations. To the extent that such changes in City laws, regulations, plans or policies prevent delay or preclude compliance with one or more provisions of this Agreement, City and Landowner shall take such action as may be required pursuant to Section 4.1 of this Agreement to comply therewith.

2.4.4 Authority of City. This section shall not be construed to limit the authority or obligation of City to hold necessary public hearings, or to limit discretion of City or any of its officers or officials with regard to rules, regulations, ordinances, laws and entitlements of use which require the exercise of discretion by City or any of its officers or officials, provided that subsequent discretionary actions shall not prevent or delay development of the F-55a Property for the uses and to the density and intensity of development as provided by the Entitlements and this Agreement, in effect as of the date that City executes this Agreement.

2.5 City Fees, Taxes and Assessments.

2.5.1 Processing Fees and Charges. Landowner shall pay those processing, inspection and plan checking fees and charges required by City under then current regulations for processing applications and requests for permits, approvals and other actions, and monitoring compliance with any permits issued or approvals granted or the performance of any conditions with respect thereto or any performance required of Landowner hereunder.

2.5.2 Public Financing Limited to Specific Funding Mechanisms. This Agreement includes specific construction, funding and reimbursement obligations of Landowner and specific rights or obligations, as the case may be, to participate in a community facilities district(s) or a similar financing district to fund the acquisition and construction of specific facilities and the maintenance of certain improvements. Landowner's obligation with respect to the participation of the F-55a Property in any funding mechanisms to support the construction of any other public facilities and improvements or the provision of public services in relation to development of the F-55a Property shall be to pay City fees related to the construction and provision of such public facilities authorized by ordinance to be collected by City as of the date that City executes this Agreement as such fees may be adjusted from time to time in accordance with applicable law, or such other fees as may be duly adopted in the future by City from time to time in accordance with applicable law; provided, however, except as otherwise specifically provided in this Agreement, Landowner's obligation to pay future City fees is limited to those fees adopted on a City-Wide basis or which apply uniformly to all properties within the City of Roseville which are zoned consistent with Landowner's zoning as set forth in the Entitlements, or which apply uniformly to all properties which are similarly situated, whether by geographic location, drainage sheds or other distinguishing circumstances.

2.6 Affordable Housing. The affordable housing obligation for the F-55a Property is ten percent (10%) of the total residential units which are actually constructed within the F-55a Property. Landowner shall provide, pay an in-lieu fee for (excluding moderate-income units), or make financial expenditures equivalent to, ten (10) units affordable to very low, low, and moderate-income households. The breakdown of percentage of the total number of affordable units to the different income levels shall be forty percent (40%) for very low, forty percent (40%) for low, and twenty percent (20%) for moderate-income households.

Landowner shall develop or cause twenty percent (20%), or two (2) units, of the total required affordable residential units within the F-55a Property to be developed as units affordable to moderate-income households, in accordance with the terms of this

Section and subject to adjustment based on actual development. Any adjustment based on actual development shall be subject to the approval of the City Manager or his/her designee.

The F-55a Property is part of a property exchange between the City and Landowner which will enable the City to build a multi-field sports complex at substantially lower costs. Due to these unique circumstances and in order to satisfy its obligation for very low and low income households, Landowner shall bear the cost of constructing parking on Parcel F-20b for the use and benefit of Parcel F-20, and deed Parcel F-20b to the owner of the existing affordable housing project located on Parcel F-20 once Landowner has completed such parking improvements. In addition, Landowner has constructed at its expense significant improvements to the W-60a Property, including frontage improvements (including utilities), resulting in significant public benefit that the City will realize upon the development of the W-60a Property. Since these financial expenditures are the equivalent of providing the remaining eight (8) affordable units, payment of an additional in-lieu fee for the very low and low income units is not required.

The term “very low income” means households earning 50% or less of median income, “low income” means households earning 50% to 80% of median income, and “moderate income” means households earning 80% to 100% of median income, as published annually by the U.S. Department of Housing & Urban Development (“HUD”). Income eligibility and asset verification and calculation guidelines shall be determined in accordance with the HUD Handbook 4350.3 Chapter 5. For each of the household income ranges specified herein, household income at the upper limit of the specified ranges shall be used in determining qualifying sales prices for affordable purchase residential units.

Locations of affordable housing single-family affordable purchase residential units shall be established in the Affordable Housing Agreement required under Section 2.6.1.1 below. Such locations may be modified pursuant to Section 2.6.1.4 of this Agreement.

2.6.1 Affordable Purchase Residential Units. Landowner agrees that two (2) units will be reserved on the F-55a Property as detached and/or attached single-family residential units affordable to moderate-income purchasers as follows:

Parcel	Total Units in Parcel	Moderate-Income Purchase Units
F-55a	99	2
TOTAL	99	2

Notwithstanding the foregoing, Landowner may satisfy the obligation set forth above for the two (2) moderate-income purchase units in the F-55a Property by securing the construction of two (2) low income rental units in a parcel in the WRSP or the Sierra Vista Specific Plan ("SVSP") via transferring the obligation for the two (2) affordable units set forth herein to such parcel within the WRSP or SVSP pursuant to Section 2.6.1.4 below. The affordable housing obligation for the two (2) units set forth above that are so transferred shall be additional low income rental units above the then required affordable units within the WRSP or SVSP.

2.6.1.1 Required Agreements. Prior to the approval of each final small lot residential subdivision map containing lots for affordable purchase units, the parties shall enter into City's then current form Affordable Housing Agreement (or other applicable City-approved form) for such residential purchase units affordable to moderate-income households. Specific requirements of the agreement will be determined by the City Manager or his/her designee.

2.6.1.2 Content. The Affordable Housing Agreement shall, for each such residential lot subdivision, set forth, among other things, the distribution of the affordable housing units within the subdivision, and include specific requirements for marketing of affordable purchase units, inclusion or modifications of amenities, exterior materials and finishes, alternate means of satisfying the affordable housing obligation, and best efforts requirements.

2.6.1.3 No City Subsidies. Landowner agrees to provide all of the moderate-income affordable purchase units without any subsidy from the City.

2.6.1.4 Transfer of Obligation. At the request of Landowner, the affordable purchase housing obligation (or any portion thereof), including any excess affordable purchase units committed to by Landowner above its allocated affordable housing obligation hereunder, may be transferred, with the consent of the City Manager or his/her designee, to another parcel (the "Transferee Parcel") within the Specific Plan, subject to the approval of the owner(s) of both the transferring and receiving parcels. No such transfer shall require an amendment to this Agreement, but City and Landowner and the owner(s) of the receiving parcels shall execute an instrument memorializing such transfer of obligation which shall be recorded against the affected parcels, with reference to this Agreement.

2.6.1.5 In Lieu Fee - Affordable Housing. In the event City adopts a fee to be paid in lieu of constructing affordable housing, Landowner shall be eligible to pay such in lieu fee rather than provide affordable housing units on the F-55a Property.

2.6.1.6 Community Facilities Districts. The City Manager or

his/her designee shall maintain a list of moderate-income affordable units that are conveyed pursuant to an Affordable Housing Agreement (or applicable City-approved form) and, on or about May 1 of each calendar year, shall send a copy of such Affordable Housing Agreement(s) to the Chief Financial Officer. In reliance thereon, the Chief Financial Officer shall, to the extent allowed by law, if and when a Community Facilities District is formed encompassing the F-55a Property, set the applicable special tax for the moderate-income affordable purchase units within each such Parcel at a level described in the rate and method for said Community Facilities District.

2.6.2 Not a Limitation. Nothing in the foregoing Section 2.6.1 shall be construed to limit Landowner from offering units for purchase to households of moderate incomes in excess of the number of units specified.

2.7 Wetlands.

2.7.1 404 Permit. Landowner and other property owners in the WRSP have obtained from the U.S. Army Corps of Engineers (the "Army Corps") a permit (the "404 Permit") to fill specific wetland resources in conjunction with development of all property within the WRSP, including the F-55a Property, and have mitigated all impacts of such wetland fills in satisfaction of the conditions and requirements of the 404 Permit.

Landowner shall obtain any other State or Federal permits that may be required in order to develop the F-55a Property. Notwithstanding this obligation of Landowner, City shall, to the maximum extent feasible, avoid infrastructure designs and locations that would require Landowner to amend its 404 Permit or any other permit required by state or federal agencies.

2.7.2. Compliance with 404 Permit Conditions. Any violation of the 404 Permit by Landowner arising out of construction of drainage outfalls and other drainage improvements in any on-site preservation area ("Preserve Area(s)") shall be the responsibility of Landowner. Upon City acceptance of such improvements (which shall occur upon completion of such drainage improvements prior to City acceptance of the Preserve Area(s)), City shall be responsible for the normal operation and maintenance of such outfalls and other drainage improvements within dedicated areas. Notwithstanding City's acceptance of the drainage improvements, the City shall not be responsible for any 404 Permit or Clean Water Act violations arising from Landowner or third party actions affecting the normal operation of the drainage system. City shall be responsible for any 404 Permit or Clean Water Act violations, and the costs thereof, arising out of actions of the City causing such violation(s).

2.8 Provision of Off-site Real Property Interests. In those circumstances

where the City owns property in fee on or over which development of the F-55a Property requires permanent and temporary construction easements, road rights-of-way and/or sites for public facilities, City shall grant such permanent easement or temporary easements, right-of-way, or sites as needed for the timely and efficient development of the Property.

ARTICLE 3. LANDOWNER OBLIGATIONS

3.1 Development, Connection and Mitigation Fees. Except as otherwise provided in Section 2.5 of this Agreement, any and all required payments of development, connection or mitigation fees by Landowner shall be made at the time and in the amount specified by then applicable City ordinances. Wherever this Agreement obligates Landowner to design, construct or install any improvements, the cost thereof may be provided by Landowner, or by traditional assessment district, CFD or other such financing mechanism, subject to and in accordance with the provisions thereof and with City approval.

3.2 Public Improvements To Be Dedicated, Constructed or Financed by Landowner. Landowner agrees to dedicate, construct or acquire the improvements or facilities and to perform the obligations set forth in this Section 3, at its expense. Prior to dedication of sites to City, Landowner shall obtain and fulfill the terms of any state and federal permits needed for anticipated development (e.g., 404 Permit and CDFG 1600 Streambed Alteration Agreements, as needed) and complete said development if said development is a Landowner responsibility under this Agreement. All land dedications shall be free of environmental or other constraints or other encumbrances inconsistent with the intended use of those properties (e.g., all wetlands shall be filled in accordance with applicable 404 Permits), unless expressly waived by the City. Title shall be conveyed to City in fee simple and without restriction or limitation on use(s), unless approved otherwise by the City Attorney.

3.3 Recordation of Large Lot Map. One Tentative Parcel Map ("TPM") shall be prepared for Parcel F-55, with one final parcel map ("Final Parcel Map"). Consistent with Section 3.5.5.2 below, security shall only be required for recordation of any small lot subdivision map.

With the recordation of the first Final Map, the Landowner shall grant to City separate IODs for (1) rights-of-way ("RoW") for Parcel F-55a's Blue Oaks Boulevard frontage, if any additional RoW is needed to complete required frontage improvements along Parcel F-55a's Blue Oaks Boulevard frontage, (2) public utility easements ("PUEs") consisting of twenty-five (25) feet adjacent to RoW dedications, and (3) temporary construction easements ("TCEs") covering the combined width of the RoW, and PUEs. City shall have the right to accept TCEs on behalf of or for use by any third party developer(s), subject to such third parties executing a right of entry

agreement, including indemnification provisions, acceptable to Landowner, which acceptance shall not be unreasonably withheld.

City shall accept all RoW and PUE IOD's subject to improvement. IOD's shall remain in force until such time as all Landowner obligations for public improvements is complete. Upon issuance of a Certificate of Completion ("COC") for the completed improvements within the IOD's, and following the acceptance of those improvements by the City Council, the City shall accept the dedications.

3.4 Public Utilities Within Rights-of-Way. All public utilities shall be located within the rights-of-way to be granted by Landowner to City for the arterials, collectors and other local streets within the F-55a Property or within public easements granted by Landowner to City for such purposes. Accordingly, upon approval of the Final Map, or demand of the City based upon service needs, whichever occurs first, Landowner agrees to grant an IOD to City for the rights-of-way, pursuant to Section 3.3, for any arterials, collectors, or public easements that include the area within which such public utilities will be located. If such utilities need to be installed prior to the construction of the applicable street(s), Landowner shall grant a temporary public utility easement which shall merge with the rights-of-way upon completion of the applicable street improvements. The width of the rights-of-way, including the area for the applicable roadways, utilities and power line corridors shall be as shown in the Specific Plan.

Nothing in this Agreement shall be construed to limit or restrict the right of the City to require the dedication of an easement for utility, bus shelter, or powerline corridor purposes related to development of any parcel when such requirement would be otherwise consistent with the reasonable exercise of the police powers of the City and is reasonably related to a requirement to serve the parcel or parcels adjacent to the easement.

3.5 Road Improvements. Landowner, at its expense, shall provide the road improvements set forth in the small lot tentative subdivision map for Parcel F-55a.

3.5.1 Landowner's Obligations. In recognition that portions of Blue Oaks Boulevard along Parcel F-55a's frontage have been constructed by others, Landowner's obligation for roadway improvements shall consist of the improvements shown on Exhibit "E". This obligation for Parcel F-55a's Blue Oaks Boulevard frontage shall consist of construction of improvements from the western edge of existing curb, gutter, and sidewalk, as completed under previously approved improvement plans, to the western curb return at the planned street intersection located at the northwest corner of Parcel F-55a, including asphalt pavement between Parcel F-55a's frontage and the southern edge of existing asphalt pavement on Blue Oaks Boulevard. Landowner's obligation shall also consist of construction of an interim deceleration lane on eastbound Blue Oaks Boulevard from the western curb return at Parcel F-55a's entrance to the

southern edge of the existing pavement, for a distance of approximately 215 feet to the west of Parcel F-55a's western curb return. Improvements defined herein shall include drainage facilities, utilities, and street lights (collectively, "Frontage Improvements"). Auxiliary lanes, turn flares, accel/decel lines, tapers, transition lanes, widening at driveways and bus turnouts shall be constructed by Landowner in, and encroach into, the public utility easement/landscape easement corridors per the Specific Plan. The area within which such Frontage Improvements are to be located shall be referred to herein as Landowner's frontage. Unless specifically identified within this Agreement, Landowner shall not be entitled to reimbursement or credit towards the City's traffic mitigation fee for any required Frontage Improvements along arterial roadways, or for any residential and/or collector roadway improvements.

Landscaping and sidewalks adjacent to roadways may be constructed concurrent with the development of adjacent parcels. Bike trail connections will be constructed consistent with Section 3.12.4 of this Agreement.

3.5.2 Arterial Roadways. If necessary, Landowner shall grant easements and dedicate all IODs for the Blue Oaks Boulevard frontage for Parcel F-55a.

3.5.3 Blue Oaks Boulevard Off-Site Road Fee. As defined in the Fourth Amendment to the Development Agreement by and between the City and ATC Realty One, LLC, recorded in the Official Records of Placer County as Instrument No. 2013-0082174-00, the City has adopted a Blue Oaks Boulevard Off-Site Road Fee, applicable to certain properties in the WRSP, and City and Landowner intend in this Agreement to apply such fee to building permits in Parcel F-55a. Accordingly, Landowner shall pay to City, upon issuance of each residential building permit in Parcel F-55a, the Blue Oaks Boulevard Off-Site Road Fee in the amount of \$613.81 per dwelling unit. The Blue Oaks Boulevard Off-Site Road Fee shall be subject to annual adjustment, on July 1, based on the percentage change in the Construction Cost Index ("CCI") shown in the Engineering and News Record in May of each year and based on the average of the 20 Cities average and San Francisco average.

3.5.4 Westpark Drive Off-Site Road Fee. As defined in the Fourth Amendment to the Development Agreement by and between the City and ATC Realty One, LLC, recorded in the Official Records of Placer County as Instrument No. 2013-0082174-00, the City has adopted a Westpark Drive Off-Site Road Fee, applicable to certain properties in the WRSP, and City and Landowner intend in this Agreement to apply such fee to building permits in Parcel F-55a. Accordingly, Landowner shall pay to City, upon issuance of each residential building permit in Parcel F-55a, the Westpark Drive Off-Site Road Fee in the amount of \$185.62 per dwelling unit. The Westpark Drive Off-Site Road Fee shall be subject to annual adjustment, on July 1, based on the percentage change in the CCI as detailed in Section 3.5.3.

3.5.5 Timing of Dedication and Construction of Road Improvements.

3.5.5.1 Rights-of-way for Parcel F-55a's Blue Oaks Boulevard frontage, if necessary, shall be dedicated as an IOD to the City as set forth in Section 3.3, and with the recordation of the Final Parcel Map. All other dedications of roadways to the City shall be made with subsequent final small lot subdivision maps and City acceptance of completed improvements.

3.5.5.2 Prior to the recordation of a small lot residential subdivision map for the Property, Landowner shall provide adequate assurances to City, either in the form of subdivision improvement bonds, issuance and sale of bonds by the CFD or other manner acceptable to the City, that adequate funds are available to finance the completion of all improvements to arterial roadways to serve the portion of the Parcel F-55a Property which is the subject of the small lot residential subdivision map; provided, however, Landowner shall not be required to post security for the portion of the work associated with Road CIP improvements.

3.5.6 Road Improvement Standards. All improvements to be installed by Landowner shall comply with the City's development standards for public streets in effect as of the date of improvement plan approval unless modifications are otherwise mutually agreed to by Landowner and the Development Services Director. The rights-of-way required for such road improvements shall be as set forth in the Specific Plan, or, if not shown in the Specific Plan, then as set forth in the City's Improvement Standards.

3.5.7 Landscape Setbacks. For the roadways within and/or adjacent to the F-55a Property, Landowner shall establish the applicable landscape setbacks provided therefore by the Specific Plan and/or Design Guidelines. Such setbacks shall be measured generally from back of curb, except bus turnouts, auxiliary lanes, turn flares, accel/decel lanes, and tapers may encroach into the landscape setback to the extent permitted by the Specific Plan Design Guidelines. Such landscape setbacks shall be limited to landscaping, streetlights, utilities, sidewalks, walls and related uses, and shall be included in the road rights-of-way, adjacent to single family residential parcels. Such setbacks shall not be included within rights-of-way adjacent to nonresidential uses as set forth in the Specific Plan.

3.5.8 City Traffic Mitigation Fee. Landowner agrees that the F-55a Property shall be subject to and shall pay the City Traffic Mitigation Fee applicable to the WRSP.

3.5.9 Highway 65 Joint Powers Authority. Landowner agrees that the F-55a Property shall be subject to and shall pay the Highway 65 Joint Powers Authority Fee ("Highway 65 JPA Fee") applicable to the WRSP.

Nothing in this Section shall be construed as an agreement to an allocation of assessment or benefit to a particular parcel or parcels or to constitute a waiver of the right of Landowner to protest an allocation of a particular assessment burden or benefit associated with the updates of the foregoing fee programs.

3.5.10 South Placer Regional Traffic Fee (Tier I). Landowner agrees that the F-55a Property shall be subject to and pay the South Placer Regional Traffic ("SPRTA") Fee (Tier I) as established by the Placer County Transportation and Planning Agency ("PCTPA") and adopted by the City as applied to property in the WRSP.

Nothing in this Section shall be construed as an agreement to an allocation of assessment or benefit to a particular parcel or parcels or to constitute a waiver of the right of Landowner to protest an allocation of a particular assessment burden or benefit associated with the updates of the foregoing fee programs.

3.5.11 City-County Fee. Landowner acknowledges that City and Placer County have adopted a funding mechanism (the "City-County Traffic Mitigation Fee") for improving certain roads in the western Placer County, including Baseline Road and Walerga Road. Landowner agrees that the F-55a Property shall be subject to and pay the City-County Traffic Mitigation Fee applicable to properties in the WRSP.

3.5.12 Alternative Transportation Marketing. Landowner shall provide educational and marketing materials for alternative modes of transportation (e.g. Roseville Transit Services Guide, Bikeways Map and carpool/vanpool information) to each new homeowner and the first resident of each attached housing unit.

3.6 Sewer Facilities. Landowner shall construct on-site sewer facilities as described in this Section, and as shown in Exhibit "F", attached hereto. City shall provide Landowner with any rights-of-entry needed to connect these improvements to the City's existing sewer system. Except for the improvements expressly described herein and as shown on Exhibit "F", Landowner shall have no obligations to install or pay for the installation of any off site treatment facilities, except through the payment of sewer connection fees (local, regional and special benefit) levied and collected by the City at the time of development pursuant to City ordinances.

3.6.1 Master Wastewater Plan. Landowner shall construct wastewater conveyance facilities to connect the F-55 Property to the Pleasant Grove Wastewater Treatment Plant ("Treatment Plant"). Construction of such facilities shall be consistent with Exhibit "F".

Where wastewater conveyance facilities are to be located within

roadways, such facilities shall be installed concurrent with the construction of the corresponding road improvements, if not earlier. All weather maintenance access roads shall be provided to provide a single point of access to all manholes that are not located within roadways, to be determined by the Environmental Utilities Director.

3.6.2 Improvement Standards. All sanitary sewer improvements shall be designed and constructed pursuant to City's then current Improvement Standards and shall be subject to City plan review, construction inspection and final approval. Landowner shall pay then current plan check, mapping and inspection costs as incurred by City for review, mapping and inspection of such improvements.

3.6.3 Access to Manholes. Manholes shall be located so that they are accessible by City sewer maintenance vehicles unless otherwise approved by the Environmental Utilities Director. All manholes shall be made watertight during construction. Landowner shall maintain access for City sewer maintenance vehicles to access all selected manholes in the Project, as determined by the Environmental Utilities Director. Where feasible, maintenance roads shall be combined with bikeways.

3.6.4 Public Utility Easements. Where wastewater improvements to be constructed by Landowner are not located within road rights-of-way, as and when Landowner installs such wastewater improvements, Landowner shall grant and City shall accept a non-exclusive public utility easement for the ownership and maintenance of such lines, together with access thereto for maintenance purposes. Easement widths shall be granted in accordance with the City's Improvement Standards.

3.7 Water Supply.

3.7.1 Financing of Water Supply. Other than facilities specified in Exhibit "H", Landowner shall have no construction obligation to install or pay for the installation of any off-site water storage, treatment or transmission facilities, except through the payment of water connection fees levied and collected by the City at the time of development pursuant to then-existing City ordinances and this Agreement.

3.7.2 Water Conservation Measures. Landowner and its successors shall implement a Water Conservation Plan included as Exhibit "G" to this Agreement. The Water Conservation Plan shall include compliance with the City's Water Efficient Landscape Ordinance and outline all water conservation measures being implemented within the F-55a Property and measures to ensure water conservation objectives are achieved in perpetuity and shall be approved, at the discretion of, the Environmental Utilities Director prior to issuance of the first building permit. Such water conservation measures shall include, but are not limited to, Smart Timers, re-circulating hot water systems, and turf limitations, and shall be disclosed to each purchaser of real property within the F-55a Property. Modifications to the Water Conservation Plan as approved

by the Environmental Utilities Director shall not require an amendment to this Agreement.

3.8 Water System Improvements.

3.8.1 Water Facilities. Landowner shall construct on-site water system facilities as shown on Exhibit "H". All such facilities to be constructed by Landowner, including mains, shall be designed and constructed pursuant to City's then current Improvement Standards, unless modifications are otherwise mutually agreed to by Landowner and the Environmental Utilities Director, and subject to City plan review, construction inspection and final approval. Landowner shall pay then current plan check, mapping and inspection costs as incurred by City for review, mapping and inspection of such improvements. Landowner will not be responsible for the construction of potable water reservoirs, water storage tanks, topside well improvements, water treatment facilities and pump stations except through the payment of City water connection fees and special benefit fees as may be applicable or otherwise described herein.

3.8.2 Public Utility Easements. Where the water improvements to be constructed by Landowner are not located within road rights-of-way, as and when Landowner installs such water facilities, Landowner shall grant and City shall accept a non-exclusive public utility easement the width of which shall be in accordance with City's then current Improvement Standards, for the ownership and maintenance of such lines, together with access thereto for maintenance purposes only.

3.8.3 Water Softeners. As part of its development of the F-55a Property, Landowner and its successors shall not provide water stubouts for the installation of water softeners.

3.8.4 Disclosure to Buyers. Landowner shall disclose to all residential and nonresidential buyers that the F-55a Property will be served by both surface water and groundwater supplies and that variations in the appearance, taste and color of water may be noticed from time to time and include such disclosure in the covenants, conditions and restrictions (CC&Rs) for the F-55a Property. The disclosure shall describe the location of groundwater wells and water storage facilities.

3.9 Recycled Water Facilities. Landowner shall construct recycled water system facilities as provided in this Section, and as shown in Exhibit "I", attached hereto and made a part hereof. Recycled water shall be used for irrigation of landscape setback. Landowner shall construct and dedicate upon completion thereof, a recycled water line system as generally shown in Exhibit "I".

3.9.1 Non-Exclusive Public Utility Easement. Where the recycled water

facilities are not located within road rights-of-way, as and when such facilities are installed, Landowner shall grant and City shall accept a non-exclusive public utility easement for the ownership and maintenance of such facilities, together with access thereto for maintenance purposes only. Easement widths shall be granted in accordance with the City's then current Improvement Standards.

3.9.2 Recycled Water Use Disclosure to Buyers. Landowner shall disclose to all buyers that recycled water shall be used for irrigation of landscape corridors. Such disclosure shall be included in the CC&Rs for all residential buyers.

3.10 Drainage Facilities. Landowner shall be responsible for the design and construction of all storm drain facilities required to serve the F-55a Property in conformance with the Project Drainage Plan, the then approved City Improvement Standards, City Storm water Management Program, the MS4 Permit as issued and modified by the State and Regional Water Quality Control Board, the approved Placer County Storm Water Management Manual, and the 404 Permit issued by the Army Corps. All appropriate aspects of the Low Impact Development Plan and the Flood Control Plan as specified in the Master Drainage Plan and in the Specific Plan will be the responsibility of each increment of development at the time of development. In general, drainage facilities shall be constructed concurrent with roadway improvements, and shall include permanent outfall structures and open space storm water treatment devices within the F-55a Property boundaries and the off-site facility within Parcel F-55b as shown on the small lot tentative subdivision map. Prior to approval of any improvement plans for the construction of storm drain facilities within a drainage shed, a master drainage plan shall be prepared and approved by the City Engineer for the entire shed area or sub-area approved by the City Engineer and shall include a rough grading plan of that shed. The Drainage Plan for individual sheds shall include pipe sizes, grades, flows, depths of pipe, and cover over and on top of the pipe. Landowner shall provide drainage improvements as provided in this Section, and as shown in Exhibit "J", attached hereto and made a part hereof. Except for the improvements expressly described herein and as shown in Exhibit "J," Landowner shall have no obligation to install or pay for the installation of offsite drainage facilities, except through the payment of drainage fees levied and collected by the City at the time of development pursuant to City ordinances.

3.10.1 Other Agency Approval. Prior to issuance of any building permit or grading permit, Landowner shall obtain, at its expense, all permits and agreements as required by other agencies having jurisdiction over drainage, water quality or wetlands issues including, but not limited to, the Regional Water Quality Control Board ("RWQCB"), the Army Corps and the California Department of Fish and Wildlife.

Landowner shall prepare and implement a Storm Water Pollution and Prevention Plan (SWP3), and shall construct and maintain Best Management Practices

(BMPs) as required by law, the SWP3 and as approved by the City, concurrently with construction of any improvements. Landowner shall obtain a permit from the RWQCB for the General Construction Storm Water Permit Compliance Program, as required by law, prior to the start of any construction, including grading on the F-55a Property.

3.10.2 Storm Drains. Landowner shall construct storm drain mains and laterals in accordance with the Project Drainage Plan and with the City's then current Improvement Standards and shall provide laterals to serve all parcels on the F-55a Property, including, but not limited to, park sites. Storm drain laterals shall be constructed to the property line concurrently with the construction of connecting open channels or storm drain mains. Storm drainage system designs shall include applicable Best Management Practices with the goal of preventing or reducing pollutants from entering receiving waters in accordance with the City's Storm Water Management Program. Should grading alter the natural drainage patterns and it becomes necessary to redirect drainages across lands dedicated to the City, the Landowner shall be responsible for the installation of above ground drainage ditches to control and direct runoff to receiving waters as appropriate. Landowner shall be responsible for annual (or more frequent if needed) maintenance of said drainage ditches until such time that the City develops the property.

3.10.3 Drainage Easements. Where permanent drainage facilities to be owned and maintained by City are to be constructed by Landowner and are not located within road rights-of-way, as and when Landowner installs such drainage improvements, Landowner shall grant and City shall accept a non-exclusive public utility easement or temporary easement for the ownership and maintenance of such lines, together with access thereto for maintenance purposes only. The City shall not be required to accept or maintain any temporary drainage improvements. Easement widths for completed permanent drainage facilities shall be granted in accordance with the City's then current Improvement Standards. When those permanent drainage facilities not located within road rights-of-way and are to be placed on property owned by someone other than the Landowner of those facilities, the Landowner shall secure all necessary rights of entry and third party easements. All drainage outfall structures for storm drain flows leaving the F-55a Property shall be built as either temporary or permanent structures wholly on properties in the WRSP. The City will offer no power of eminent domain for such drainage outfall structures.

3.11 Electric. Landowner shall provide electric utility improvements as provided in this Section and as shown in Exhibit "K" attached hereto.

3.11.1 On-Site Electric Facilities. For purposes of this section, "on-site" means within the F-55a Property. Concurrently with the construction of the adjacent roadways and as specified in Section 3.3, Landowner agrees to construct, or finance the construction of, on- site 12kV electric distribution facilities as directed by the Electric

Utility Director. Landowner shall construct or finance construction of on-site 12kV electric distribution facilities in accordance with final on-site electric distribution designs for the F-55a Property as directed by the Electric Utility Director in accordance with applicable City Electric Utility Department Specifications. Design of any final electric utility improvements (off-site, on-site, in-tract), including streetlights, shall commence prior to receipt of approval of improvement plans for the applicable F-55a Property roadways. Any costs of re-design of electric improvements due to adopted improvement plans shall be borne by Landowner.

3.11.2 Streetlights. Concurrent with the construction of the adjacent roadways, Landowner agrees to construct, or finance construction of, streetlights within the F-55a Property, as directed by the Electric Utility Director. Except as may otherwise be permitted by the Electric Utility Director, no street shall be accepted by the City unless and until streetlights have been installed in accordance with the Specific Plan and applicable requirements of the Electric Department. Streetlights shall meet Roseville Electric's specifications for residential and/or commercial construction in effect at the time the construction improvement plans are approved and issued by the City.

3.11.3 Electric Efficiency and Demand Reduction. In order to mitigate demand for energy supplies and comply with state mandated energy efficiency goals, the following energy efficiency and load management requirements are hereby established:

1. All residential dwelling units will install residential air conditioning units with the following sets of parameters, as a minimum standard:
 - a. A Seasonal Energy Efficiency Rating ("SEER") of 2 points above the minimum, as defined by the State of California in the current Title 24 of the Code of California Regulations, up to a total maximum of 16 points including the 2 point premium, an Energy Efficiency Ratio ("EER") of 12 or greater, and a thermal expansion valve ("TXV"). The SEER rating of 2 points above the minimum, as defined by the current Title 24, up to a maximum of 16 points, and an EER rating of 12 or greater along with a TXV will be specified on building plans and Title 24 compliance certificates at the time building permits are requested. If Title 24 of the Code of California Regulations in effect at the time of request for building permits requires higher SEER or EER ratings, residential units in the Plan Area shall comply with such State requirements. The SEER and EER ratings will be verified with appropriate documentation. These

requirements shall be utilized in the overall energy compliance calculations required for issuance of a building permit for any residential unit. Any variances must be approved by the Electric Department's Retail Energy Services Department.

2. A direct load control device will be installed on all new residential dwelling units to the extent and subject to availability of program funds at the time of final map approval. The device will cycle the air conditioner compressor on/off during summer high peak load hours and operate under the control of Roseville Electric. Roseville Electric will install and maintain the devices at no cost to the builder/homeowner and/or Landowner. Roseville Electric shall install the device in a manner that does not delay Landowner's construction or sale of the residence. Customers will be automatically enrolled in the load control program and must actively opt out. Additionally, Landowner shall disclose to all residential buyers the following: (1) their property has been installed with a Roseville Electric owned air conditioner cycling demand switch; (2) the home buyer is automatically enrolled in the program; (3) Landowner will provide the home buyer with an opportunity to opt out of the program at the time of close of escrow and that this information will be provided to the Roseville Electric Retail Services New Construction Program Manager. Note the disclosure stated in Section 3.23(23) as to the direct load control device.

3.12 Parks, Open Space, and Bike Trails. City is retaining Parcels F-55b, F-86b and F-86c, Parcels 2, 3 and 4, respectively, of the Tentative Parcel Map approved with this Agreement. Landowner is not obligated to dedicate any parkland to City because of the excess parkland already dedicated in the WRSP.

Landowner shall not construct any private single access gates or private access from single homeowner's property onto public spaces, such as parks, preserves, and paseos. Additionally, Landowner shall place the foregoing restriction as applicable to homeowners in the CC&R's for any single family residential subdivision.

3.12.1 Financing for Parks. The construction of improvements to parks within the WRSP shall be financed from the payment by Landowner of the City-Wide and neighborhood park fees established for the F-55a Property.

3.12.1.1 Financing for Neighborhood Parks. Landowner's obligation for the construction of the neighborhood park sites within the WRSP shall be limited to payment by Landowner of neighborhood park fees.

The City agrees that the total amount to be financed by Landowner pursuant to this Section 3.12.1.1 for the design, construction and inspection of such neighborhood park improvements shall not exceed the amounts as set forth in this Agreement, and which amount is adjusted by the percentage change, annually on July 1, utilizing the Engineering News Record, Construction Cost Index for the United States 20-city average.

3.12.1.2 Maintenance District Financing. Pursuant to Section 3.19 below, Landowner shall support the annexation into the Community Facilities District – Public Services (“Services CFD”) District defined therein. Among other things, the Services CFD shall be authorized to levy special taxes or assessments on the F-55a Property and to provide maintenance of parks.

3.12.2 Neighborhood Park Fee. Landowner shall pay a neighborhood park fee (the “Neighborhood Park Fee”), upon the issuance of each residential building permit within Parcel F-55a, to fund neighborhood park construction. Such Neighborhood Park Fee shall be \$3,122.00 per Low Density Residential unit, subject to annual adjustment, on July 1, based on the percentage change in the CCI. All such Neighborhood Park Fees shall be deposited into the applicable neighborhood park fee fund.

3.12.3 City-Wide Park Fee. Landowner shall pay a city-wide park fee (the “City-Wide Park Fee”), upon issuance of each residential building permit within Parcel F-55a, to fund City-wide park improvements. Such City-Wide Park Fee shall be \$2,509.00 per Low Density Residential unit, subject to annual adjustment, on July 1, based on the percentage change in the CCI.

3.12.4 Bike Trail Fee. Upon the issuance of each residential building permit within Parcel F-55a, Landowner shall pay a bike trail fee to fund Class 1 bike trail construction within the Specific Plan, including adjacent to the F-55a Property. Such bike trail fee shall be \$802.00 per Low Density Residential unit, subject to annual adjustment, on July 1, based on the percentage change in the CCI.

3.12.5 Entire Park Land Obligation. The City agrees that the provisions of the Specific Plan and the commitments contained herein satisfy Landowner’s General Plan park obligations for the dedication and improvement of neighborhood and City-Wide parks and open space related to development of the F-55a Property.

3.13 School Fee Agreements. Landowner has entered or will enter into separate written agreements with the Roseville City School District and the Roseville Joint Union High School District (collectively “the Districts”), to mitigate the impacts of development of the F-55a Property on said Districts. Such agreements outline the timing

and delivery of school sites and the timing and obligation for school construction. With the execution thereof, City agrees that City shall process and approve any subdivision maps or other such entitlements for the F-55a Property and issue any building permits for development thereof consistent with the Entitlements.

3.14 Miscellaneous Public Facilities and Services.

3.14.1 Fire Tax Equivalent Fee. The Fire Service Construction Tax set forth in Chapter 4.46 of the Roseville Municipal Code is no longer in effect. Landowner or its respective successors shall pay a fee equal in amount to the discontinued Fire Service Construction Tax at issuance of building permit. Landowner hereby consents to and waives any objection to the imposition of such substitute fee.

3.14.2 Placer County Capital Facilities Fee. Landowner shall pay the Placer County Capital Facilities Fee adopted by the City, in the amount then being assessed by the City; provided, however, if such impact fee is not effective or is for any reason suspended by the City, then Landowner shall pay such fee in the amount previously and most recently assessed by the City. Such fee shall be paid upon the issuance of each building permit within the F-55a Property.

3.14.3 City Public Facilities Fee. Landowner shall pay the City Public Facilities Fee upon issuance of each building permit within the F-55a Property.

3.14.4 Public Benefit Fee. As partial consideration for this Agreement, to offset a portion of the impact of the Project, and to ensure that the Project will benefit current and future residents of Roseville, Landowner shall pay, upon issuance of each residential building permit within the F-55a Property, a Public Benefit Fee for each residential unit in the Project. The Public Benefit Fee for each low density residential unit shall be \$1,280. The Public Benefit Fee shall be subject to annual adjustment, on July 1, based on the percentage change in the CCI.

3.14.5 Liens, Encumbrances, Covenants, Conditions and Restrictions. Except as approved by City or provided for by this Agreement, all property to be conveyed in fee to City pursuant to this Agreement shall be free of any liens, financial encumbrances, special taxes, hazardous materials or assessments. Landowner shall, for each such conveyance, provide to City, at Landowner's expense, a current preliminary title report and preliminary site assessment for hazardous waste in a form approved by the City Attorney. Any policy of title insurance required by City shall be at City's expense.

3.14.6 Signage for Future Public Facilities. Landowner shall provide and install signage to alert residents along bike trails where they will abut residential property, per City specifications and applicable sign permits.

3.14.7 Library Facilities. Landowner agrees to participate and pay its fair share of the capital cost of library services in the event that the City should amend its current City-Wide Public Facilities fee to include library facilities or adopts any other equitable financing mechanism for the provision of library facilities.

3.14.8 Construction Waste. Landowner shall require construction contractors and subcontractors to reduce construction waste by recycling a minimum of 50% of construction materials or that all construction debris be delivered to the Placer County Western Regional Materials Recovery Facility where recyclable material will be removed. Landowner shall require that contractors and subcontractors submit to the City Environmental Utilities Department annual records of waste diversion and disposal in order to verify compliance with this requirement.

3.14.9 Air Quality Mitigation Fee. Landowner shall pay, upon issuance of each residential building permit in Parcel F-55a, an air quality mitigation fee in the amount of \$90.84 per dwelling unit. The City shall remit all payments to the Placer County Air Pollution Control District on or before January 30 of each calendar year until Parcel F-55a is built out.

3.14.10 Traffic Signal Coordination Fee. As partial consideration for this Agreement and to offset certain anticipated traffic impacts, Landowner shall pay a Traffic Signal Coordination Fee to coordinate traffic signals for improved traffic operations in the City. The fee shall be paid upon issuance of each building permit, in the amount of one hundred dollars (\$100) per dwelling unit.

3.14.11 Transit Shuttle Service Fee. Landowner shall pay the Transit Shuttle Service Fee to provide a shuttle service from the Specific Plan to the Watt Avenue/Interstate 80 light rail station. The fee shall be paid upon issuance of each building permit, in the amount of \$75.34 per dwelling unit equivalent, adjusted annually, on July 1, based on the percentage change in the CCI.

3.15 EIR Mitigation Measures. Notwithstanding any other provision in this Agreement to the contrary, as and when Landowner elects to develop the F-55a Property, Landowner shall be bound by, and shall perform, all mitigation measures contained in the EIR and the Addendum related to such development which are adopted by City and are identified in the mitigation monitoring plan or the EIR and Addendum as being a responsibility of Landowner, and shall be subject to any fees which may be enacted by City to implement any mitigation measures contained in the EIR and Addendum.

3.16 Waiver. In consideration of the benefits received pursuant to this Agreement, Landowner, on behalf of itself and its respective heirs, successors in

interests and assigns, waives any and all causes of action which it might have under the ordinances of the City of Roseville or the laws of the State of California or the United States with regard to any otherwise uncompensated or under-compensated conveyance or dedication of land or easements over the F-55a Property or improvements that are specifically provided for in this Agreement that are required in conjunction with changes to this Agreement or the Specific Plan that are requested by Landowner, or that are logically implied by this Agreement. This waiver shall not apply to any conveyances or dedications of land or easements that are not specifically contained in this Agreement and are subsequently desired by the City.

3.17 Community Facilities District – Public Facilities (Project Infrastructure).

3.17.1 Community Facilities District Applicable to the Property. The F-55a Property shall be subject to the applicable maximum special tax provided for Low Density Residential property in the Fiddymment Ranch CFD-1 Community Facilities District (CFD) that has been implemented for the purpose of financing the construction and/or acquisition of public infrastructure and facilities within the Fiddymment Ranch portion of the Specific Plan.

3.17.1.1 Landowner may utilize the Statewide Community Infrastructure Program (“SCIP”) program and/or the Bond Opportunities for Land Development (“BOLD”) program for any eligible impact fees.

3.18 [Reserved.]

3.19 Community Facilities District – Public Services (Services CFD). The Parcel F-55a Property lies within the boundaries of the City’s Public Services CFD (CFD #2) and is subject to the annual assessments of CFD #2 to provide the funds required for the performance of maintenance, monitoring and reporting obligations set forth in the formation documents of CFD #2.

3.20 Community Facilities District – Municipal Services. The F-55a Property lies within the boundaries of the City’s Municipal Services CFD (CFD #3) and is subject to the annual assessments of CFD #3 to provide the funds to pay for municipal services citywide, including the F-55a Property.

3.20.1 Public Parcel Exclusion. Landowner expressly agrees that parcels conveyed or to be conveyed to the City shall be excluded from any assessment, imposed by the Services CFD.

3.21 Encroachment Permits, Landscape Maintenance Easements. Landowner and City agree to grant encroachment permit(s) or maintenance easements for all Services CFD’s to Landowner or City or their agents, employees, successors, assigns,

agents and employees, for the purpose of entry into the landscape easement and setback areas or City property (including streets and rights-of-way) to perform the maintenance obligations described herein.

3.22 Grading Permit. Prior to the onset of any construction activities, the Landowner shall apply for and obtain a grading permit from the City. All plans shall meet or exceed the intent of the then approved City Standards. It is the Landowner's responsibility to meet all criteria of any outside agency for grading adjacent to or within the Open Spaces.

Mass grading and the bulk movement of earthen material is encouraged. Where practical, and at the direction of the City Engineer, a balanced mass grading plan shall be prepared for all that land within a disturbed water shed. Bulk material shall be moved on the onset of construction to ensure that future development sites balance, and reduce the amount of future on-street transportation of bulk material on newly paved and existing City roads. The fee referenced below shall not apply to hauling of earthen material crossing in a perpendicular manner, or parallel, to newly paved or existing City roads. In the event that bulk material is transported on or over newly paved and/or existing City roads (but not across in a perpendicular manner or parallel to such City roads), a premium of \$0.10 fee per yard of material shall be assessed at the issuance of the grading permit to compensate the City for deterioration of the road caused by the excessive loads, provided, however, that the Development Services Director shall have the discretion to waive such fee in recognition of particular circumstances, including environmental constraints, faced when hauling bulk movement of earthen material.

3.23 Disclosures to Subsequent Purchasers. This Agreement shall constitute notice to all successors to Landowner hereunder, and to all subsequent purchasers of any lots and/or residential units within the F-55a Property, of the following matters:

1. Designation of Fiddymment Road and Blue Oaks Boulevard as truck routes.
2. Designation of Philip Road, Hayden Parkway, Bob Doyle Drive and Market Street (on Placer Investors Property) as a temporary truck route until Philip Road and Blue Oaks Boulevard are connected.
3. The existence of a Development Agreement on the F-55a Property. However, this notice shall not extend to the purchaser of a completed individual single family residential unit.
4. Parcel F-55a will be served by surface water supplies and by groundwater supplies.

5. Recycled water will be used to irrigate parks and landscape setbacks, medians, paseos and other landscape areas including all multi-family and non-residential landscaping uses.
6. Requirement to implement water conservation measures per the project Water Conservation Plan (Exhibit "G"), which may include such measures as Smart Timers.
7. Public utility easements may be used to construct 60kV overhead electric lines along the west side of Fiddymment Road and on the north side of Blue Oaks Boulevard.
8. Exclusive utility easement within Pleasant Grove Boulevard may be used for high-pressure natural gas lines through the area to serve the Roseville Energy Park.
9. Requirement for fifty percent (50%) reduction in construction waste stream.
10. Location of the Pleasant Grove WWTP and associated facilities.
11. Location of the Roseville Energy Park.
12. Location of the Regional Soccer Complex.
13. Location of schools and parks within one mile.
14. Location of the off-leash dog park on Parcel F-54.
15. Parcels adjacent to Open Space may have a public bike trail and appurtenances adjacent to said parcels.
16. Potential for the proposed Placer Parkway on the west side of the Specific Plan.
17. Location of a retention basin on the Reason Farms property.
18. Location of well sites and water storage facilities.
19. Location of the recycled water tank site and pumping station facilities.

20. Location of solid waste recycling center.
21. Masonry walls adjacent to landscape corridors and other public facilities are owned by the City, which is responsible for their maintenance, repair and replacement.
22. Solar envelope impact: Landowner shall disclose to all residential and nonresidential buyers that certain properties, specifically those adjacent to major arterials and collector streets where City-maintained landscaping is installed, may impact the buyer's opportunity to install solar panels or structures or the efficiency or effectiveness of such solar panels or structures. And that this is primarily due to the trees within the street landscapes as being generally medium to large shade trees, which may cast shade, leaf litter, or other natural affects onto the adjacent property.
23. Demand cycle control units operated by Roseville Electric on residential air conditioner units.
24. Livestock grazing may occur within open space preserve areas.
25. Every residential unit is equipped with a recirculating hot water system, or similar technology to provide instantaneous hot water at each hot water faucet.

If Landowner records any F-55a Property CC&Rs, such CC&Rs shall include the foregoing disclosures and the foregoing disclosures shall not be omitted or deleted from the CC&Rs without the City Attorney's prior written approval.

ARTICLE 4. CITY OBLIGATIONS

4.1 City Cooperation. City agrees to cooperate with Landowner in securing all permits that may be required by City and, to the extent applicable, state and federal agencies. In the event State or Federal laws or regulations enacted after this Agreement has been executed, or action of any governmental jurisdiction, prevent, delay or preclude compliance with one or more provisions of this Agreement, or require changes in plans, maps or permits approved by City, the parties agree that the provisions of this Agreement shall be modified, extended or suspended as may be necessary to comply with such State and Federal laws or regulations or the regulations of other governmental jurisdictions. Each party agrees to extend to the other its prompt and reasonable cooperation in so modifying this Agreement or approved plans.

4.2 Applications for Permits and Entitlements.

4.2.1 Action by City. City agrees that it will accept, in good faith, for processing review and action, all applications for development permits or other entitlements for use of the F-55a Property in accordance with the Entitlements and this Agreement, and shall exercise its best efforts to act upon such applications in an expeditious manner.

4.2.2 Maps and Permits. Provided that the Public Services CFD and Maintenance Services CFD have been or will at the time of the requested final approval be formed and authorized to levy the special taxes against the applicable portion of the F-55a Property in accordance with this Agreement, and further provided that Landowner is not in default of this Agreement, City shall not refrain from approving final residential lot subdivision maps nor shall it cease to issue building permits, certificates of occupancy or final inspections for development of the F-55a Property that is consistent with the Entitlements. The acceptance, review and approval of any application for a final residential lot subdivision map, final non-residential subdivision map or building permit may be conditioned upon the petitions to annex the F-55a Property into the Public Services CFD and/or Maintenance Services CFD, as applicable. Prior to such formation and/or annexation, City shall accept, for review, processing and approval, consistent with the Entitlements, applications for tentative residential lot subdivision maps and for tentative and final parcel maps consistent with the Parcels described by the Specific Plan for the F-55a Property.

City acknowledges that under Government Code Section 66452.6, the term of a tentative subdivision map will be automatically extended for a period of time where a subdivider is obligated to install certain improvements located outside the boundaries of the subdivision. In determining the term of any tentative subdivision map approved by the City for the F-55a Property, or any portion thereof, and without limiting the effect of any other provisions of the Government Code dealing with map extensions, the City agrees that the CFD Improvements described hereunder shall be treated as such off-site improvements for purposes of applying Section 66452.6 of the Government Code.

A subdivision, as defined in Government Code Section 66473.7, shall not be approved unless any tentative map prepared for the subdivision complies with the provisions of said Section 66473.7; this provision is included in this Agreement to comply with Government Code Section 65867.5.

4.2.3 Personnel. Nothing in this Agreement shall be construed to require City to hire or retain personnel for the purposes of evaluating, processing or reviewing applications for permits, maps or other entitlements or for the design, engineering or construction of public facilities in excess of those for which provision is made in the

normal and customary budgeting process or fee schedules of City.

4.3 Subdivision Map Act Waiver. Notwithstanding any other provisions of this Agreement, or of Sections 66452.1, 66452.2, 66456.2 and 66458, of the Government Code (or any successor or replacement statute), Landowner expressly waives the time limits for review and approval by City of tentative subdivision maps to the extent that each such period does not exceed one hundred fifty (150) calendar days beyond the time otherwise provided by law, unless Landowner and City mutually agree to another time limit.

4.4 Limited Waiver of Protest Rights. In conjunction with any proceedings creating an assessment district or other applicable financing mechanism for which provision is made in this Agreement, Landowner waives herewith any right to protest which it may have under Section 2825 of the Streets and Highways Code to the extent that such protest would arise under Section 2825(a) through 2825(f) and Section 2825(h); but expressly retains the right of protest with respect to Section 2825(g).

4.5 Moratorium, Quotas, Restrictions or Other Growth Limitations. Subject to applicable law relating to the vesting provisions of development agreements, Landowner and City intend that except as otherwise provided herein, this Agreement shall vest the Entitlements against subsequent City resolutions, ordinances, growth control measures and initiatives or referenda, other than a referendum that specifically overturns City's approval of the Entitlements, that would directly or indirectly limit the rate, timing or sequencing of development, or would prevent or conflict with the land use designations, permitted or conditionally permitted uses on the F-55a Property, design requirements, density and intensity of uses as set forth in the Entitlements, and as further set forth in Section 2.4.1 above, and that any such resolution, ordinance, initiative or referendum shall not apply to the Entitlements and the F-55a Property. Notwithstanding any other provision of this Agreement, Landowner shall, to the extent allowed by the laws pertaining to development agreements, be subject to any growth limitation ordinance, resolution, rule, regulation or policy which is adopted and applied on a uniform, City-Wide basis and directly concerns an imminent public health or safety issue. In such case, City shall apply such ordinance, resolution, rule, regulation or policy uniformly, equitably and proportionately to Landowner and the F-55a Property and to all other public or private owners and properties directly affected thereby. By way of example only, an ordinance which would preclude the issuance of a building permit due to a City-Wide lack of adequate sewage treatment capacity to meet additional demand would directly concern an imminent public health issue under the terms of this paragraph and would support a denial of a building permit within the F-55a Property or anywhere else in the City if approval would require additional sewage treatment capacity. However, an effort to limit the issuance of building permits because of a general increase in traffic congestion levels in the City would not be deemed to directly concern an imminent public health or safety issue under the terms of this

paragraph.

4.6 Subsequent Proposed Development. City and Landowner acknowledge that the terms of this Agreement provide for substantial financial commitments by Landowner to ensure that Parcel F-55a development results in a net positive fiscal effect on the City and its residents. City agrees to use its best efforts to assure that the development agreements in connection with any subsequent annexation and associated specific plan shall be subject to financial commitments of the same or greater magnitude as those made by Landowner under this Agreement, to the extent allowed by law. This provision shall not apply to development of infill areas within the City.

4.7 Essence of Agreement. Articles 2, 3, 4, 5 and 6 are the essence of this Agreement.

ARTICLE 5. DEFAULT, REMEDIES, TERMINATION

5.1 General Provisions. Subject to extensions of time by mutual consent in writing, failure or unreasonable delay by either party to perform any term or provisions of this Agreement shall constitute a default. In the event of alleged default or breach of any term or condition of this Agreement, the party alleging such default or breach shall give the other party not less than thirty (30) calendar days' notice in writing specifying the nature of the alleged default and the manner in which said default may be satisfactorily cured. During any such thirty (30) calendar day period, the party charged shall not be considered in default for purposes of termination or institution of legal proceedings.

After notice and expiration of the thirty-day period, the other party to this Agreement at its option may institute legal proceedings pursuant to this Agreement or give notice of intent to terminate the Agreement pursuant to California Government Code Section 65868 and regulations of City implementing said Government Code Section. Following notice of intent to terminate, the matter shall be scheduled for consideration and review by the City Council within thirty (30) calendar days in the manner set forth in Government Code Sections 65865, 65867 and 65868 and City regulations implementing such Sections.

Following consideration of the evidence presented in said review before the City Council, either party alleging the default by the other party may give written notice of termination of this Agreement to the other party.

Evidence of default may also arise in the course of a regularly scheduled periodic review of this Agreement pursuant to Government Code Section 65865.1. If either party determines that the other party is in default following the completion of the normally scheduled periodic review, said party may give written notice of default of this

Agreement as set forth in this section, specifying in said notice the alleged nature of the default, and potential actions to cure said default and shall specify a reasonable period of time in which such default is to be cured. If the alleged default is not cured within thirty (30) calendar days or within such longer period specified in the notice, or if the defaulting party waives its right to cure such alleged default, the other party may terminate this Agreement.

No building permit shall be issued or building permit application accepted for any structure on the F-55a Property if the permit applicant owns and controls any property subject to this Agreement, and if such applicant or entity or person controlling such applicant is in default of the terms of this Agreement.

5.2 Annual Review. City shall, at least every twelve (12) months, per Roseville Municipal Code Chapter 19.84, as such period may be amended, during the term of this Agreement, review the extent of good faith substantial compliance by Landowner with the terms of this Agreement. Such periodic review shall be limited in scope to compliance with the terms of this Agreement pursuant to Section 65865.1 of the Government Code and the monitoring of mitigation in accordance with Section 21081.6 of the Public Resources Code of the State of California. Notice of such review shall include the statement that any review of obligations of Landowner as set forth in this Agreement may result in termination of this Agreement. A finding by City of good faith compliance by Landowner with the terms of the Agreement shall be conclusive with respect to the performance of Landowner during the period preceding the review. Landowner shall be responsible for the cost reasonably and directly incurred by the City to conduct such review, the payment of which shall be due within thirty (30) calendar days after conclusion of the review and receipt from the City of the bill for such costs.

Upon not less than thirty (30) days written notice by the City, Landowner shall provide such information as may be reasonably requested and deemed to be required by the City in order to ascertain compliance with this Agreement.

In the same manner prescribed in Article 10, the City shall deposit in the mail to Landowner a copy of all staff reports and related exhibits concerning contract performance and, to the extent practical, at least ten (10) calendar days prior to any such periodic review. Landowner shall be permitted an opportunity to be heard orally or in writing regarding its performance under this Agreement before the City Council or, if the matter is referred to the Planning Commission, before the Planning Commission.

If City takes no action within thirty (30) calendar days following the hearing required under Roseville Municipal Code Section 19.84.080, or any successor thereof or amendment thereto, Landowner shall be deemed to have complied in good faith with the provisions of the Agreement.

5.3 Enforced Delay, Extension of Times of Performance. In addition to specific provisions of this Agreement, performance by either party hereunder shall not be deemed to be in default where delays or default are due to war, insurrection, strikes, walkouts, riots, floods, drought, earthquakes, fires, casualties, acts of God, acts of terrorism, governmental restrictions imposed or mandated by other governmental entities, enactment of conflicting state or federal laws or regulations, new or supplementary environmental regulation, litigation, or similar bases for excused performance. If written notice of such delay is given to City within thirty (30) calendar days of the commencement of such delay, an extension of time for such cause shall be granted in writing for the period of the enforced delay, or longer as may be mutually agreed upon.

5.4 Legal Action. In addition to any other rights or remedies, either party may institute legal action to cure, correct or remedy any default, to enforce any covenant or agreement herein, or to enjoin any threatened or attempted violation. Provided, however, that the Landowner, its successors and assigns hereby waive any and all claims for monetary damages against City arising out of this Agreement at any time. All legal actions shall be initiated in the Superior Court of the County of Placer, State of California, or in the Federal District Court in the Eastern District of California.

5.5 Effect of Termination. If this Agreement is terminated following any event of default of Landowner or for any other reason, such termination shall not affect the validity of any building or improvement within the F-55a Property which is completed as of the date of termination, provided that such building or improvement has been constructed pursuant to a building permit issued by the City. Furthermore, no termination of this Agreement shall prevent Landowner from completing and occupying any building or other improvement authorized pursuant to a valid building permit previously issued by the City that is under construction at the time of termination, provided that any such building or improvement is completed in accordance with said building permit in effect at the time of such termination.

5.6 Applicable Law and Attorneys' Fees. This Agreement shall be construed and enforced in accordance with the laws of the State of California. Should any legal action be brought by either party for breach of this Agreement, or to enforce any provisions herein, the prevailing party to such action shall be entitled to reasonable attorneys' fees, court costs and such other costs as may be fixed by the Court.

ARTICLE 6. HOLD HARMLESS AGREEMENT

Landowner and its successors-in-interest and assigns, hereby agrees to, and shall defend and hold City, its elective and appointive boards, commissions, officers, agents, and employees harmless from any liability for damage or claims for damage for

personal injury, or bodily injury including death, as well as from claims for property damage which may arise from the operations of Landowner, or of Landowner's contractors, subcontractors, agents, or employees under this Agreement, whether such operations be by Landowner, or by any of Landowner's contractors or subcontractors, or by any one or more persons directly or indirectly employed by, or acting as agent for, Landowner or Landowner's contractors or subcontractors, unless such damage or claim arises from the negligence or willful misconduct of City. The foregoing indemnity obligation of Landowner shall not apply to any liability for damage or claims for damage with respect to any damage to or use of any public improvements after the completion and acceptance thereof by City. In addition to the foregoing indemnity obligation, Landowner agrees to and shall defend, indemnify and hold City, its elective and appointive boards, commissions, officers, agents and employees harmless from any suits or actions at law or in equity arising out of the execution, adoption or implementation of this Agreement, exclusive of any such actions brought by Landowner, its successors-in-interests or assigns. City acknowledges hereby that the foregoing liability of Landowner shall be limited to its interest in the F-55a Property and that neither Landowner nor any of its partners, officers, shareholders, employees or agents shall have any personal liability therefore.

ARTICLE 7. PROJECT AS A PRIVATE UNDERTAKING

It is specifically understood and agreed by and between the parties hereto that the subject project is a private development. No partnership, joint venture or other association of any kind is formed by this Agreement.

ARTICLE 8. COOPERATION IN THE EVENT OF LEGAL CHALLENGE

In the event of any legal action instituted by a third party or other governmental entity or official challenging the validity of any provision of this Agreement, the parties hereby agree to cooperate in defending said action.

ARTICLE 9. GENERAL

9.1 Enforceability. The City agrees that unless this Agreement is amended or canceled pursuant to the provisions of this Agreement and the Adopting Ordinance, this Agreement shall be enforceable by any party hereto notwithstanding any change hereafter in any applicable general plan, specific plan, zoning ordinance, subdivision ordinance or building regulation adopted by City, or by initiative, which changes, alters or amends the rules, regulations and policies applicable to the development of the F-55a Property at the time of approval of this Agreement, as provided by Government Code Section 65866.

9.2 City Finding. The City hereby finds and determines that execution of this Agreement is in the best interest of the public health, safety and general welfare and is consistent with the General Plan.

9.3 Third Party Beneficiaries. This Agreement is made and entered into for the sole protection and benefit of Landowner and City and their successors and assigns, no other person shall have any right of action based upon any provision in this Agreement.

9.4 Severability. Except as set forth herein, if any term, covenant or condition of this Agreement or the application thereof to any person, entity or circumstance shall, to any extent, be invalid or unenforceable, the remainder of this Agreement, or the application of such term, covenant or condition to persons, entities or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby and each term, covenant or condition of this Agreement shall be valid and be enforced to the fullest extent permitted by law; provided, however, if any provision of this Agreement is determined to be invalid or unenforceable and the effect thereof is to deprive a party hereto of an essential benefit of its bargain hereunder, then such party so deprived shall have the option to terminate this entire Agreement from and after such determination.

9.5 Construction. This Agreement shall be subject to and construed in accordance and harmony with the Roseville Municipal Code, as it may be amended, provided that such amendments do not impair the rights granted to the parties by this Agreement.

9.6 Other Necessary Acts. Each party shall execute and deliver to the other all such other further instruments and documents as may be reasonably necessary to carry out this Agreement in order to provide and secure to the other party the full and complete enjoyment of its rights and privileges hereunder.

9.7 Estoppel Certificate. Either party may, at any time, and from time to time, deliver written notice to the other party requesting such party to certify in writing that, to the knowledge of the certifying party, (i) this Agreement is in full force and effect and a binding obligation of the parties, (ii) this Agreement has not been amended or modified either orally or in writing, or if so amended, identifying the amendments, and (iii) the requesting party is not in default in the performance of its obligations under this Agreement, or if in default, to describe therein the nature of such default. The party receiving a request hereunder shall execute and return such certificate within thirty (30) calendar days following the receipt thereof. City acknowledges that a certificate hereunder may be relied upon by transferees and mortgagees of Landowner.

9.8 Mortgagee Protection. The parties hereto agree that this Agreement shall

not prevent or limit Landowner, in any manner, at Landowner's sole discretion, from encumbering the F-55a Property or any portion thereof or any improvement thereon by any mortgage, deed of trust or other security device securing financing with respect to the Property, except as limited by the provisions of this section. City acknowledges that the lenders providing such financing may require certain Agreement interpretations and modifications and agrees upon request, from time to time, to meet with Landowner and representatives of such lenders to negotiate in good faith any such request for interpretation or modification. City will not unreasonably withhold its consent to any such requested interpretation or modification provided such interpretation or modification is consistent with the intent and purposes of this Agreement. Any Mortgagee of the Property shall be entitled to the following rights and privileges:

- a. Neither entering into this Agreement nor a breach of this Agreement shall defeat, render invalid, diminish or impair the lien of any mortgage on the F-55a Property made in good faith and for value, unless otherwise required by law.
- b. The Mortgagee of any mortgage or deed of trust encumbering the F-55a Property, or any part thereof, which Mortgagee has submitted a request in writing to City in the manner specified herein for giving notices, shall be entitled to receive written notification from City of any default by Landowner in the performance of Landowner's obligations under this Agreement.
- c. If City receives a timely request from a Mortgagee requesting a copy of any notice of default given to Landowner under the terms of this Agreement, City shall provide a copy of that notice to the Mortgagee within ten (10) calendar days of sending the notice of default to Landowner. The Mortgagee shall have the right, but not the obligation, to cure the default during the remaining cure period allowed to Landowner under this Agreement.
- d. Any Mortgagee who comes into possession of the F-55a Property, or any part thereof, by any means, whether pursuant to foreclosure of the mortgage or deed of trust, or deed in lieu of such foreclosure or otherwise, shall take the F-55a Property, or part thereof, subject to the terms of this Agreement. Notwithstanding any other provision of this Agreement to the contrary, no Mortgagee shall have an obligation or duty under this Agreement to perform any of Landowner's obligations or other affirmative covenants of Landowner hereunder, or to guarantee such performance; provided, however, that to the extent that any covenant to be performed by Landowner is a condition precedent to the performance of a covenant by City, the performance thereof shall continue to be a

condition precedent to City's performance hereunder, and further provided that any sale, transfer or assignment by any Mortgagee in possession shall be subject to the provisions of Article 11 of this Agreement.

ARTICLE 10. NOTICES

All notices required by this Agreement, the enabling legislation, or the procedure adopted pursuant to Government Code Section 65865, shall be in writing and delivered in person or sent by certified mail, postage prepaid.

Notice required to be given to the City shall be addressed as follows:

Development Services Director
City of Roseville
311 Vernon Street
Roseville, California 95678

With a copy to:

City Attorney
City of Roseville
311 Vernon Street
Roseville, California 95678

Notice required to be given to the Landowner shall be addressed as follows:

West Roseville, LLC
1420 Rocky Ridge Drive, Suite 265
Roseville, CA 95661
Attention: Jeff Jones

With a copy to:

Marcus J. Lo Duca, Esq.
Law Office of Marcus J. Lo Duca, P.C.
3200 Douglas Boulevard, Suite 300
Roseville, CA 95661

Any of the parties may change the address stated herein by giving notice in writing to the other parties, and, thereafter, notices shall be addressed and delivered to the new address.

ARTICLE 11. ASSIGNMENT

From and after recordation of this Agreement against the F-55a Property, Landowner shall have the full right to assign this Agreement as to the F-55a Property, or any portion thereof, in connection with any sale, transfer or conveyance thereof, and upon the express written assignment by Landowner and assumption by the assignee of such assignment in the form attached hereto as Exhibit "L" and the conveyance of Landowner's interest in the F-55a Property related thereto, Landowner shall be released from any further liability or obligation hereunder related to the portion of the Property so conveyed and the assignee shall be deemed to be the "Landowner", with all rights and obligations related thereto, with respect to such conveyed property.

ARTICLE 12. FORM OF AGREEMENT, EXHIBITS

This Agreement is executed in two duplicate originals, each of which is deemed to be an original. This Agreement, inclusive of its Recitals and Exhibits, constitutes the entire understanding and agreement of the parties.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attested to by its City Clerk under the authority of Ordinance No.____, adopted by the Council of the City of Roseville on the ____ day of _____, 2020.

CITY OF ROSEVILLE,
a municipal corporation

By: _____
Dominick Casey
City Manager

LANDOWNER:

WEST ROSEVILLE, LLC,
a California limited liability company

By: _____
Jeff Jones
Manager

ATTEST:

By: _____
Sonia Orozco
City Clerk

APPROVED AS TO FORM:

By: _____
Robert R. Schmitt
City Attorney

APPROVED AS TO SUBSTANCE:

By: _____
Mike Isom
Development Services Director

LIST OF EXHIBITS

Exhibit A	Parcel F-55a Property Legal Description
Exhibit B	Parcel F-55a Property Map
Exhibit C	Land Use Plan for Parcels F-55a, F-55b, F-20b, F-86b, F-86c, W-60a
Exhibit D	Specific Plan Land Use Plan
Exhibit D-1	RS/DS Development Standards
Exhibit E	Blue Oaks Boulevard Frontage Improvements
Exhibit F	Sewer Facilities
Exhibit G	Water Conservation Plan
Exhibit H	Water Facilities
Exhibit I	Recycled Water Facilities
Exhibit J	Drainage Facilities
Exhibit K	Electric Utility Improvements
Exhibit L	Sample Assignment and Assumption Agreement

EXHIBIT "A"
PARCEL F-55a PROPERTY LEGAL DESCRIPTION

All that real property situated in the City of Roseville, County of Placer, State of California located within Section 24, Township 11 North, Range 5 East, Mount Diablo Meridian and being further described as follows:

Beginning at a 2" brass disk stamped LS 3923 at the North 1/16 corner between Section 23 and Section 24 as shown and so designated on the Final Map of Fiddymont Ranch Phase 2A, filed for record September 22, 2017 in Book DD of Maps at Page 88, Placer County Records; thence from the **POINT OF BEGINNING** and along the common line between said Sections 23 and 24, North 00°16'29" West a distance of 160.13 feet; thence leaving said common line for the following twenty (20) arcs, courses and distances:

1. North 44°46'50" East a distance of 665.14 feet to a point of curvature;
2. from a radial line which bears South 25°59'46" West, 541.43 feet along the arc of a non-tangent 2050.00 foot radius curve to the left through a central angle of 15°07'57";
3. South 79°08'11" East a distance of 30.00 feet;
4. South 10°51'49" West a distance of 57.63 feet;
5. South 00°18'24" East a distance of 978.78 feet;
6. South 89°41'36" West a distance of 83.67 feet;
7. South 00°01'52" West a distance of 218.76 feet;
8. South 30°24'36" West a distance of 19.39 feet;
9. South 30°24'36" West a distance of 115.80 feet;
10. South 67°00'02" West a distance of 41.54 feet;
11. South 35°39'43" West a distance of 69.80 feet;
12. North 61°17'40" West a distance of 98.27 feet;
13. North 35°57'31" East a distance of 242.73 feet;
14. South 79°42'58" East a distance of 62.04 feet;
15. North 00°01'52" East a distance of 40.61 feet;
16. North 80°40'12" West a distance of 143.81 feet;
17. South 17°42'06" West a distance of 59.10 feet;
18. North 72°17'54" West a distance of 126.46 feet;
19. North 53°21'39" West a distance of 175.71 feet;
20. North 66°20'40" West a distance of 210.95 feet;
21. North 46°26'12" West a distance of 164.78 feet;
22. North 19°57'15" West a distance of 259.81 feet;
23. North 39°29'14" West a distance of 85.44 feet;
24. North 72°55'07" West a distance of 13.19 feet; and
25. North 00°16'11" West a distance of 92.43 feet to the Point of Beginning.

Containing 24.267 acres of land, more or less.

See Exhibit "B", plat to accompany description, attached hereto and made a part hereof.

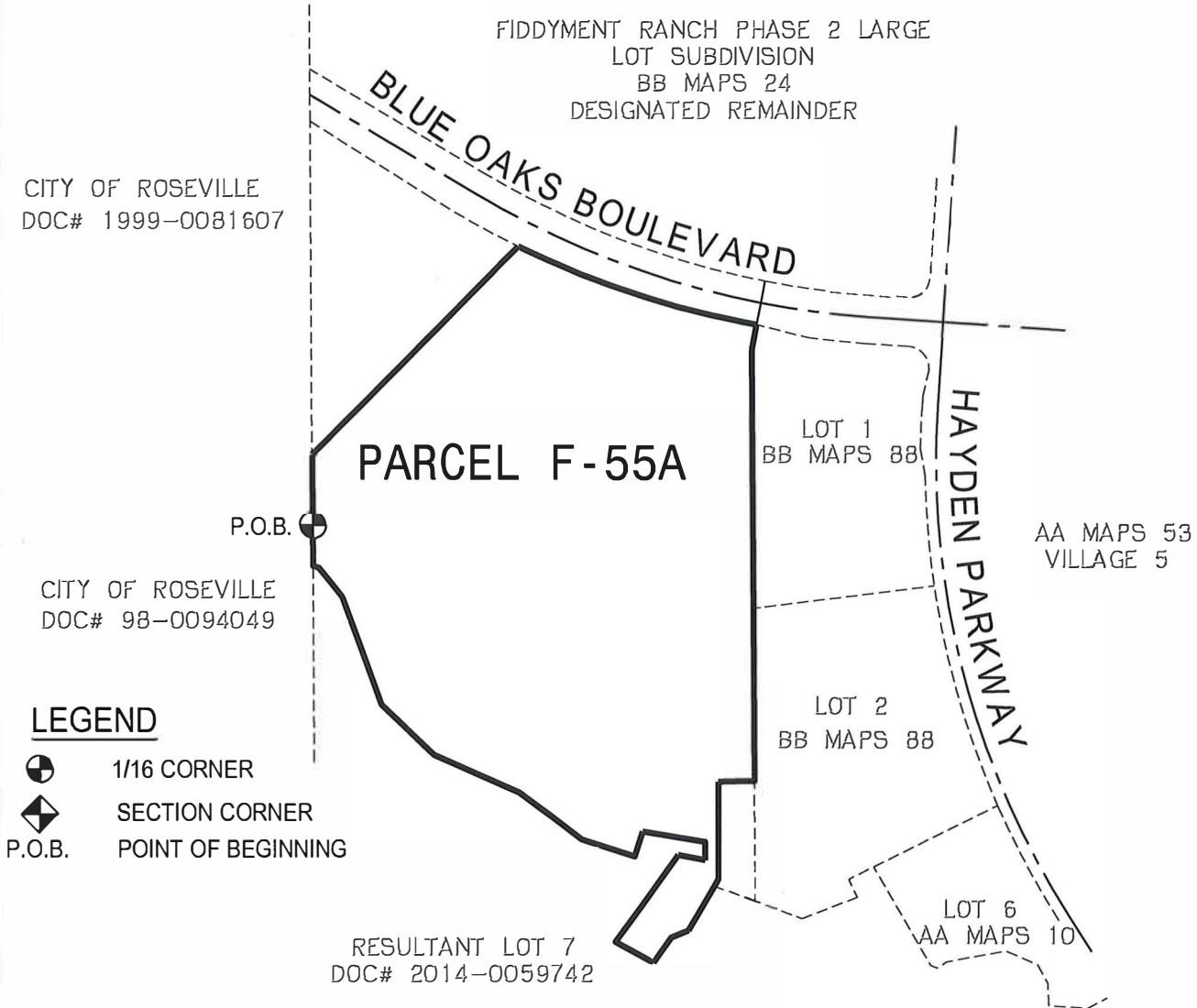
This legal description was prepared by me or under my supervision pursuant to Section 8729 (2) of the Professional Land Surveyors Act.

Robert M. Plank, PLS 5760
License Expiration Date: 06-30-20

Date: _____



Description prepared by:
MACKAY & SOMPS CIVIL ENGINEERS, INC.
1025 Creekside Ridge Dr., Suite 150, Roseville, CA 95678
P:\18424\survey-MS\mapping\desc\F-55a Dev. Agreement\Exhibit A-1.docx



LEGEND

- 1/16 CORNER
- SECTION CORNER
- P.O.B. POINT OF BEGINNING



SHEET 1 OF 1

EXHIBIT "B" PARCEL F-55a PROPERTY MAP WESTPARK

SECTION 24, T. 11 N., R. 5 E., M.D.M.
CITY OF ROSEVILLE

COUNTY OF PLACER STATE OF CALIFORNIA

MACKAY & SOMPS

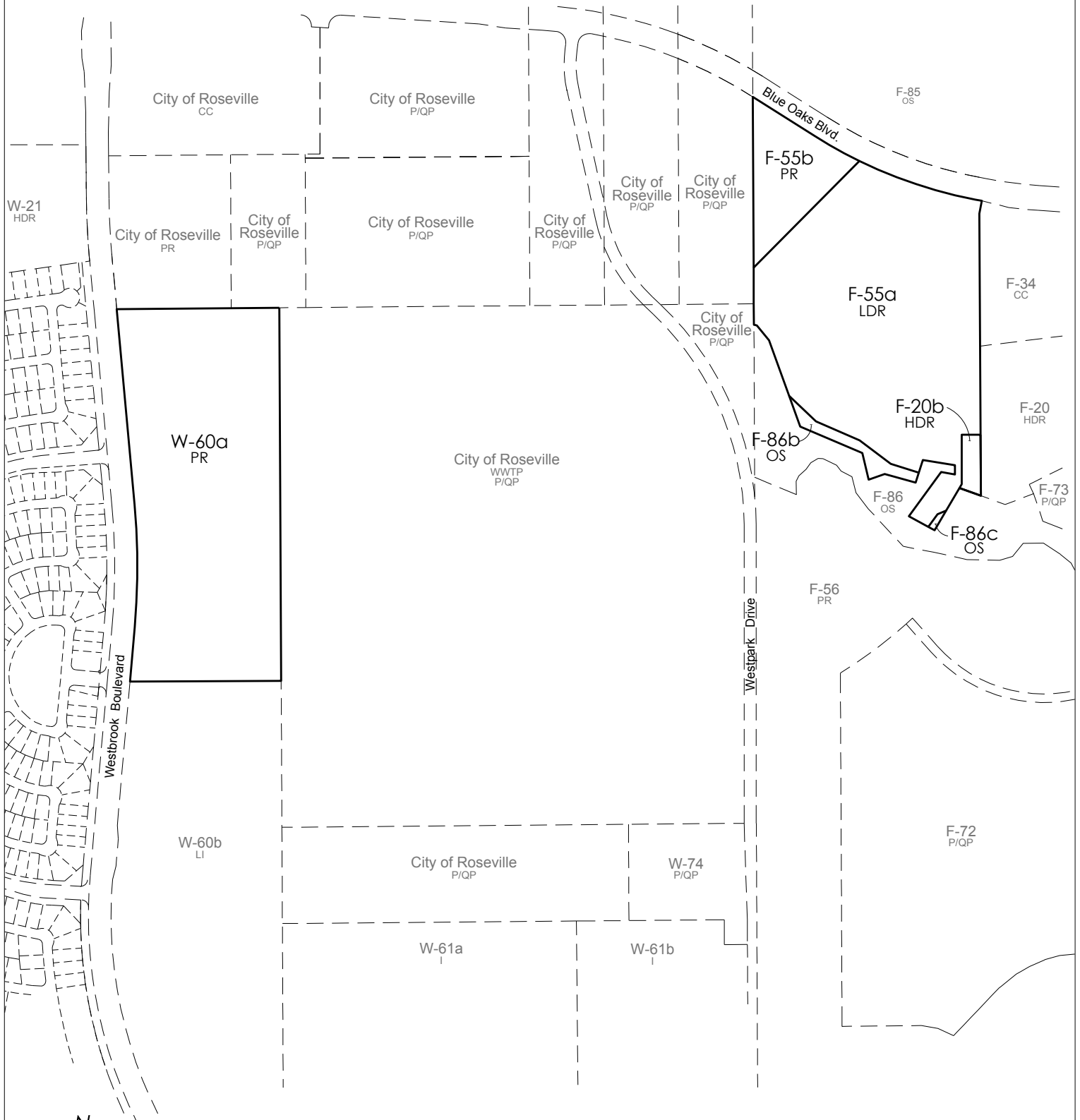
ENGINEERS PLANNERS SURVEYORS
1025 Creekside Ridge Drive, Suite 150, Roseville, CA 95678 (916) 773-1189

RMP	1"= 400'	01/06/2020	18424.PH4.F55
DRAWN BY	SCALE	DATE	JOB NO.

IF A DISCREPANCY EXISTS BETWEEN THIS EXHIBIT AND THE ASSOCIATED DESCRIPTION,
THE DESCRIPTION HOLDS. THIS EXHIBIT IS FOR GRAPHIC PURPOSES ONLY.

Exhibit C: Land Use Plan

Parcels F-55a F-55b, F-20b, F-86b, F-86c, & W-60a



0 300 600
SCALE: 1"=600'

Exhibit D: Specific Plan Land Use Plan

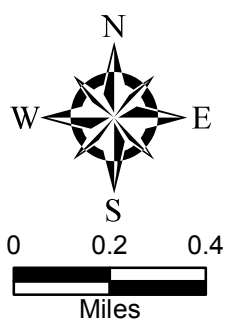
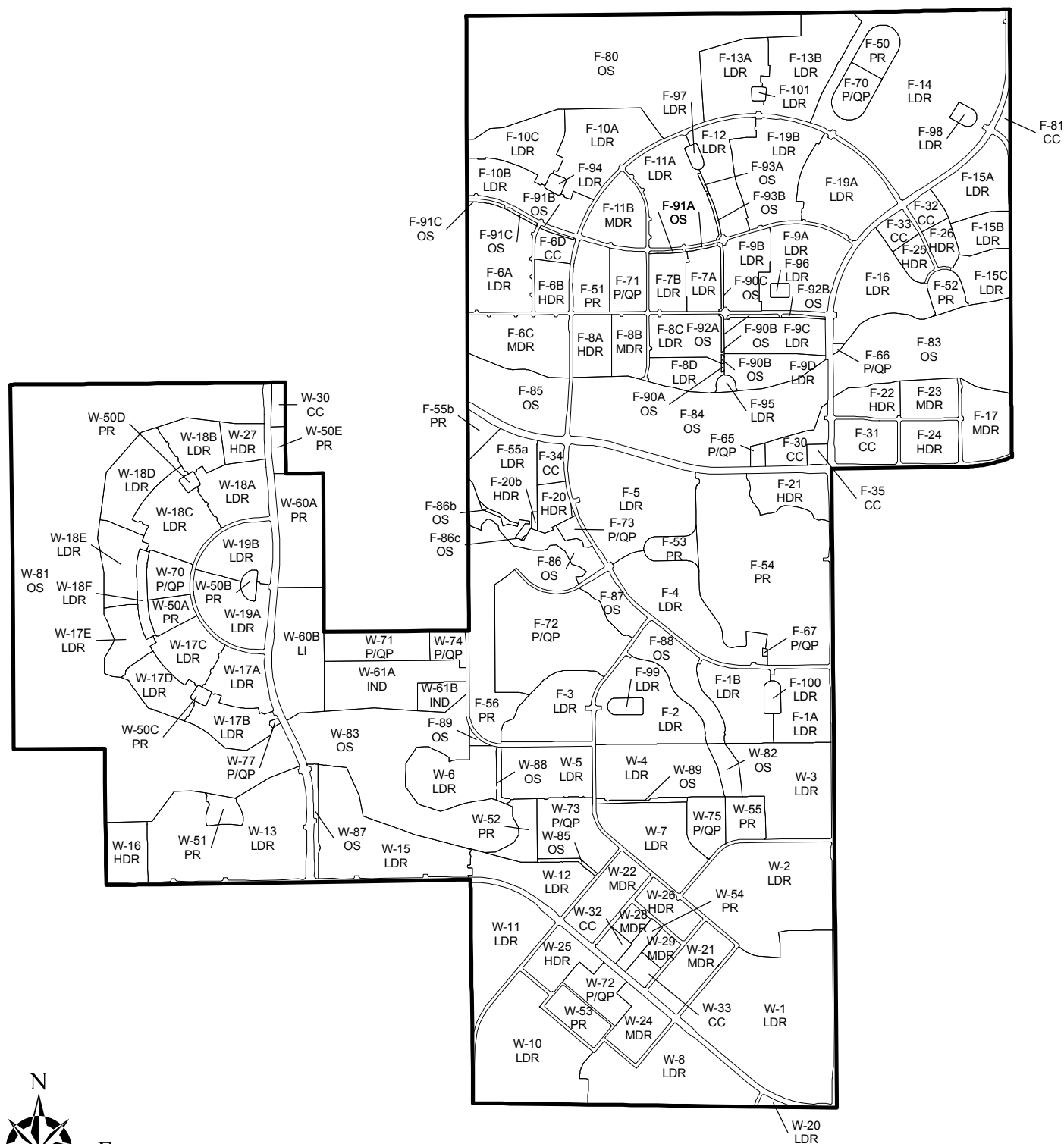


EXHIBIT D-1: RS/DS Development Standards

	Single Family (with attached sidewalk)
Lot Size (minimum)	
Area, Interior Lot	3,600 sq. ft.
Area, Corner Lot	4,400 sq. ft.
Width, Interior	45 ft.
Width, Corner	55 ft.
Permitted Density (maximum per lot)	
Residential Density	1 dwelling; 1 second unit
Setbacks (minimum) See Chapter 19.22 of Zoning Ordinance for accessory structure setbacks	
Front ¹	15 ft. to living space and side wall of garage; 18 ft. minimum driveway depth with roll-up garage
Sides	5 ft. interior; 12.5 ft. street side on corner
Rear ²	10 ft. minimum with minimum useable open space of 450 s.f.
Coverage (maximum)	
Site Coverage	None ²
Height (maximum)	
Height Limit	35 ft.

1. Front setback measured from back of walk.

2. The rear and side yards may be utilized to meet the minimum usable open space provided the minimum dimension, measured perpendicular to the applicable rear or side yard lot is ten (10) feet. Maximum coverage is a function of lot size, required setbacks and useable open space.

Exhibit E: Blue Oaks Boulevard Frontage Improvements

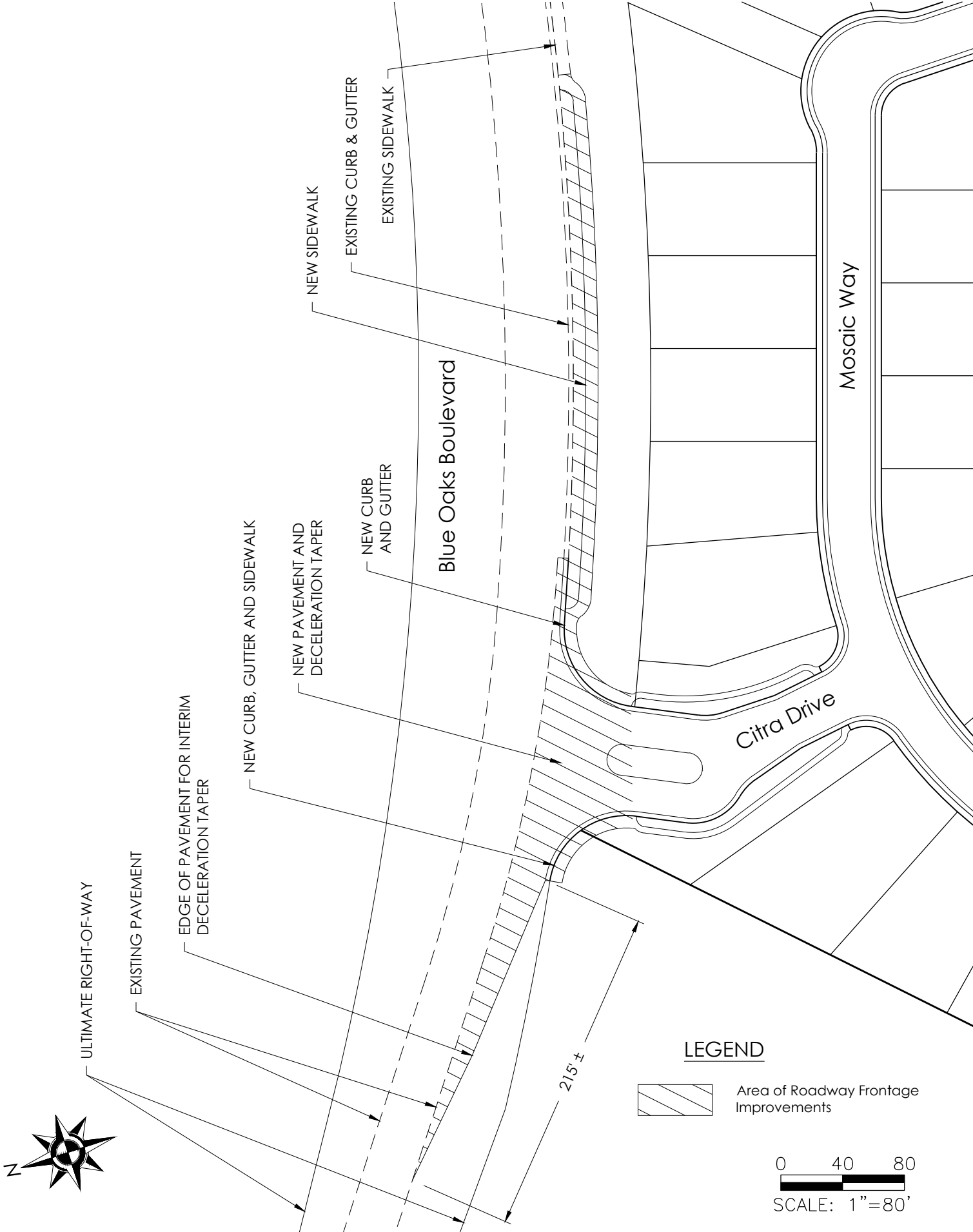


Exhibit F: Sewer Facilities

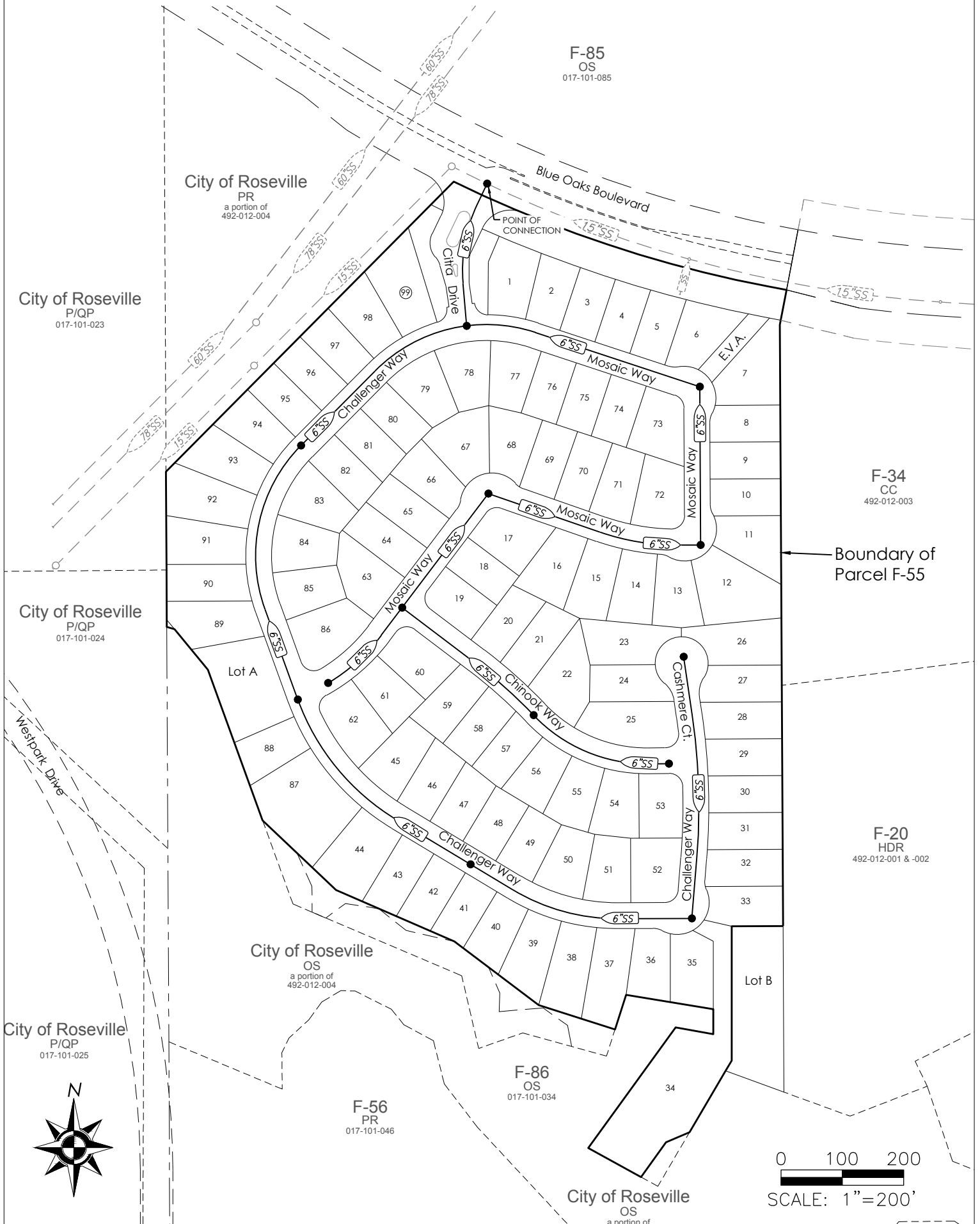


Exhibit G: Water Conservation Plan

Water Conservation Methods

Various methods were analyzed to determine a quantifiable savings in water demand. These methods include limitations on turf areas, using smart weather irrigation controllers, using recirculating hot water systems, using low flow toilets, and low flow lavatory and kitchen faucets.

Landscape Turf Reduction

The most effective and cost efficient way to reduce water demand is by limiting the use of turf and replacing turf with low water use plants. According to the Fair Oaks Horticulture Center, water efficient plants use approximately 65%-75% less irrigation water than turf. This Plan assumes that low water use plants use 70¾ less water than turf.

The reduced irrigation demand is primarily accounted for by the use of drip irrigation or other low water spray heads that contribute to the irrigation of a single shrub or multiple smaller plants. These types of irrigation systems eliminate overspray typical of traditional spray heads. It is also important that the shrub and plant selection are low water users.

Baseline turf area was determined for each type of land use. The area of turf was then reduced and replaced with low water use plants. It is estimated that 30% of the total front yard area is non-irrigated hardscape and 70% is irrigated landscape. For example, front yard residential turf as a function of total front yard irrigated landscaped area (excluding hardscape) is assumed to be 70% for the baseline case. Restricting turf area to 40% of total front yard irrigated landscaping and replacing the remaining 30% area with low water use plants results in significant water savings. See Diagram #1 for a detailed example of front yard turf and planting areas.

To estimate water savings as a result of turf reductions, a turf reduction factor is established to represent the water demand based on the relationship between the area of original turf and the turf limitation to be implemented in the project area with additional low water use plants.

For residential front yards the developer and builder are responsible for landscaping whereas individual home owners are responsible for backyard landscaping. Therefore, it is assumed that only the developer and builder can directly influence water demand within the front yards and not in the residential backyards. Backyards were not analyzed for turf reduction as the landscape material decision and design is the responsibility of the individual home owner and not the developer or builder.

Front yard residential turf reduction is only one component of overall turf irrigation. Similarly, turf at parks and paseos also contribute to significant irrigation demand. The analysis conducted in this TM reduces park turf from 80% of the park parcel to 60%. Additionally, paseos see a reduction in turf area to 30% of total landscape area. In each scenario low water use plants replace the area of reduced turf. By limiting turf in front yards, high density residential land uses, parks, and paseos, total irrigation demand can be reduced by 24% when excluding backyard irrigation.

Smart Weather Irrigation Controller

Typical irrigation controllers used in most landscape irrigation installations are timer based where run times are determined by the owner, tenant, professional landscape service, or property manager. Many users irrigate without the background knowledge or science behind irrigation principals. As a result many landscape areas are over watered. Smart irrigation controllers use algorithms to analyze soil conditions and weather to determine proper irrigation run times.

The US Bureau of Reclamation issued the technical memorandum, Summary of Smart Controller "Water Savings Studies" (USBR memorandum), dated April 2008. The USSR memorandum summarizes fourteen weather based controllers, nine soil moisture based controllers, and two weather and soil moisture based controllers. As part of this Plan, the use of weather based smart irrigation controllers are used to reduce irrigation demand. For weather based controllers the studies in the USSR memorandum have associated water savings of between 7% and 41 %.

This Plan assigns a 20% water savings with the use of weather based smart irrigation controllers. Initial installation of smart irrigation controllers in all buildings and residences would be necessary to realize savings. Participation by all property owners results in 20% less irrigation demand.

The weather based smart irrigation controllers still require users to program their controller to their own satisfaction without the extensive knowledge of extensive landscape irrigation concepts. The use of combination weather based and soil moisture based controllers will likely yield additional water savings. Water savings analysis for these types of controllers is fairly limited and requires additional initial investment.

It is important for builders to install smart water controllers that are capable of expansion and provide wiring for easy installation and connection to backyard landscape irrigation system. Without this convenience, home owners may purchase and install more convenient water irrigation controllers that are less expensive and forgo water conservation features.

Hot Water Recirculating Pumps

Recirculating hot water pumps circulate hot water from the water heater through a loop in a home to near faucets and other hot water demand points. This allows for near instantaneous hot water without having to flow cold water through the pipes for hot water to arrive from the water heater. Fiddymont Ranch, which is part of the West Roseville Specific Plan already requires residences to be installed with a recirculating hot water pump or similar water conservation device.

This Plan assumes the average distance between the water heater and the hot water demand source is approximately 50 feet. The pipe is typically $\frac{3}{4}$ " diameter. Therefore the average draw per hot water demand is 1.1 gallons of cold water before the hot water arrives at the demand point. This method assumes that each dwelling unit produces an average of six draws of hot water per day. The use of hot water recirculating pumps would result in water savings.

Low Flow Toilets

The 2007 California Plumbing Code requires water closets to consume not more than 1.6 gallons per flush. There is however a number of toilets available on the market that use less water per flush. Low flow toilets typically use 1.1 gallons per flush while ultra-low flow toilets can use 0.8 gallons per flush. Low flow toilets use compressed air within the toilet bowl to effectively flush.

Residential toilet use represents 13% of the typical residential water use. This Plan assumes that toilets would use a maximum of 1.28 gallons per flush or are 20% more water efficient than conventional 1.6 gallon per flush toilets. The use of low flow toilets not exceeding 1.28 gallons per flush would result in water savings.

Low Flow Lavatory & Kitchen Faucets

Per the City of Roseville, the Energy Policy Act of 1992 provides standards for water efficiency plumbing. This water standard represents the baseline water usage of lavatory and kitchen faucets at 2.2 gallons per minute. Today, water efficient lavatory and kitchen faucets can be provided with usages of less than 1.5 gallons per minute. The flow rate of these faucets is typically 32% less than the baseline flow rate.

The typical residential water use for lavatory and kitchen faucet represents 10% of the typical residential water use. This Plan assumes water savings of utilizing faucets that produce 1.5 gallons per minute flow rates as saving 10% in faucet demand. Although the flow rate is nearly a third less than the baseline flow rate, some water user demand will be based on total volume needs. For example, a user would fill a pot for boiling water or water glass full regardless of flow rate.

DIAGRAM #1: Front Yard Irrigation Turf / Planting Area

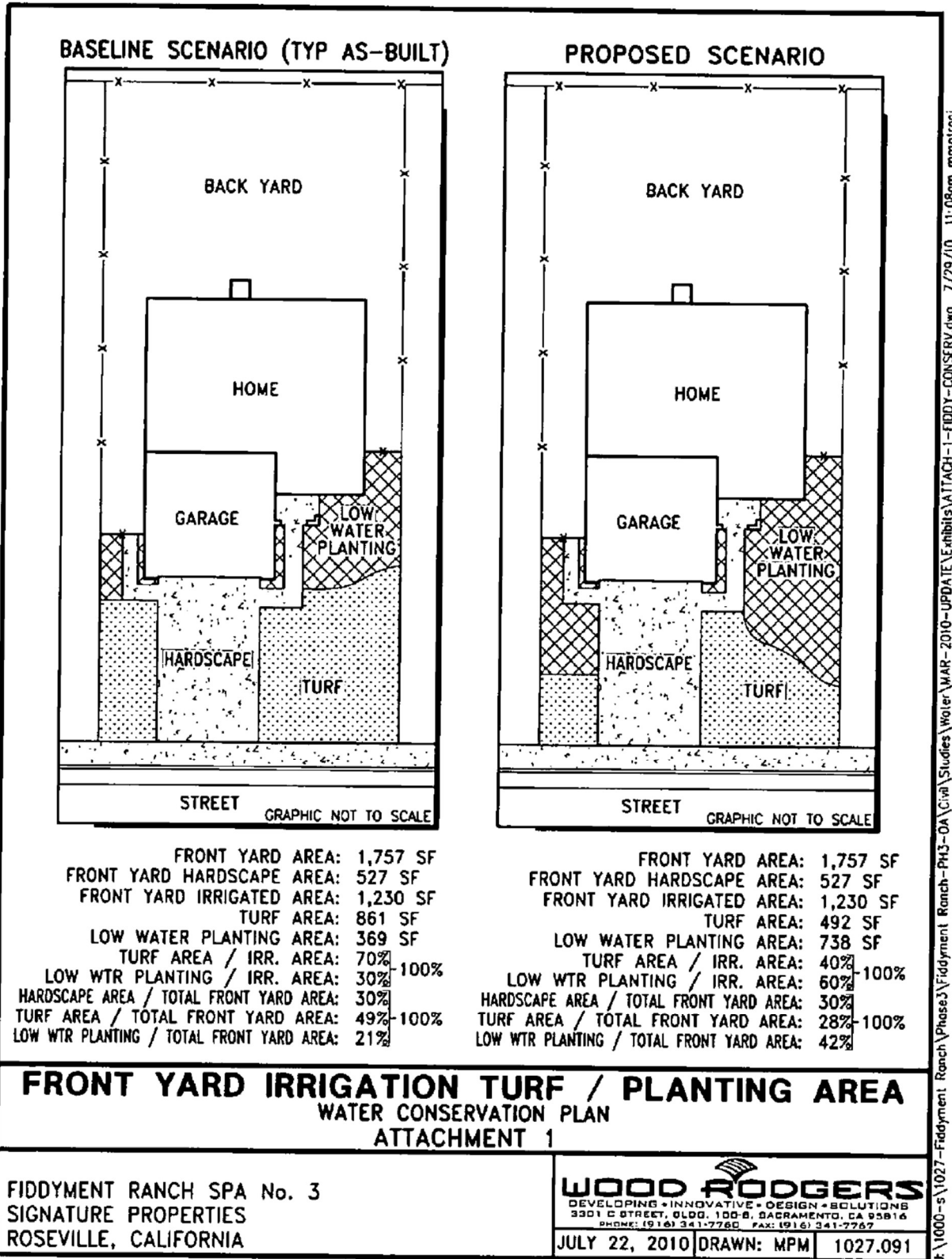


Exhibit H: Water Facilities

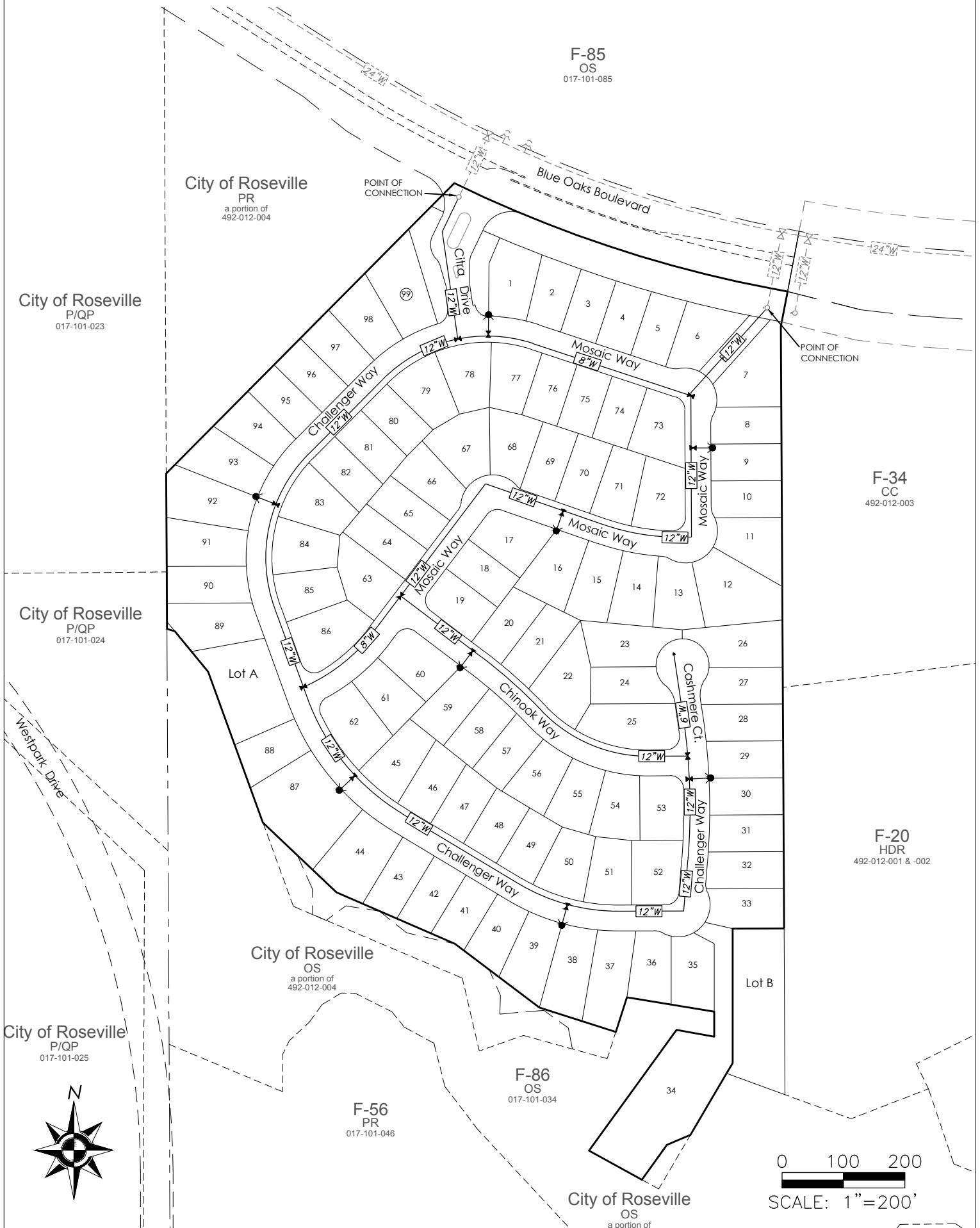


Exhibit I: Recycled Water Facilities

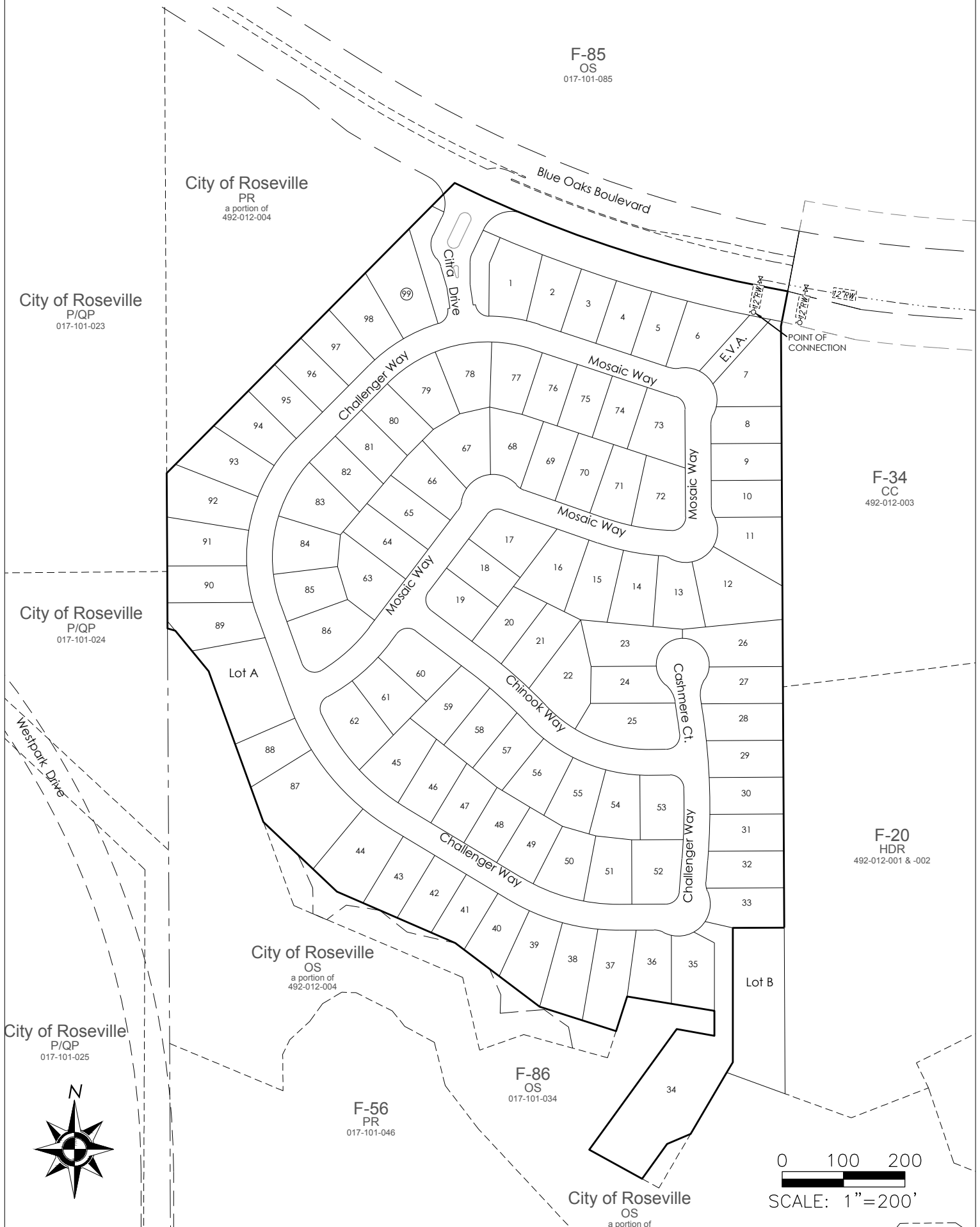


Exhibit J: Drainage Facilities

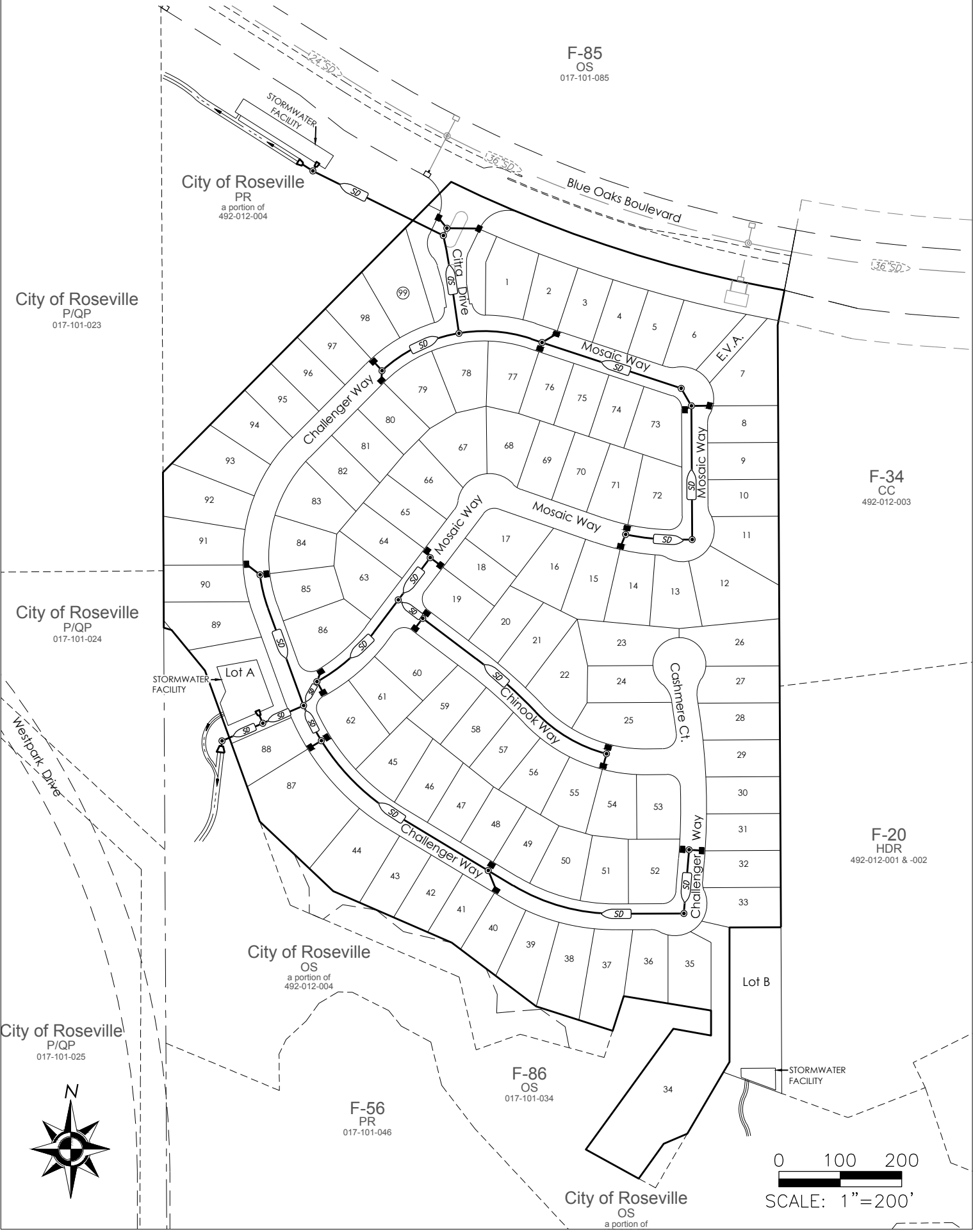


Exhibit K: Electric Utility Improvements

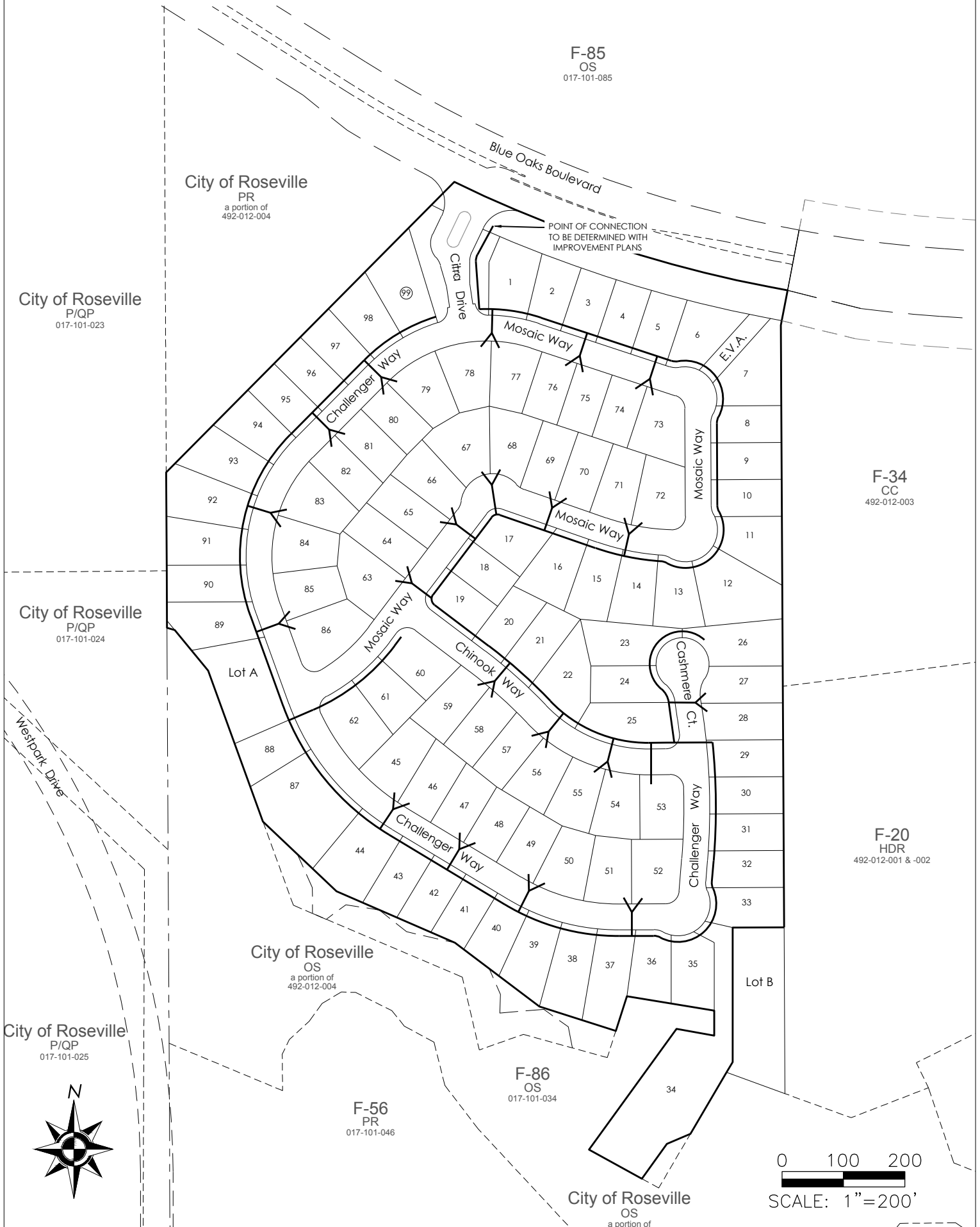


EXHIBIT L
SAMPLE ASSIGNMENT AND ASSUMPTION AGREEMENT

WHEN RECORDED, RETURN TO:

City of Roseville
311 Vernon Street
Roseville, CA 95678
ATTN: City Clerk

Exempt from recording fees
Pursuant to Govt. Code 27383

ASSIGNMENT AND ASSUMPTION AGREEMENT
RELATIVE TO THE
WEST ROSEVILLE SPECIFIC PLAN DEVELOPMENT AGREEMENT
[WEST ROSEVILLE, LLC]

THIS ASSIGNMENT AND ASSUMPTION AGREEMENT (hereinafter, the "Agreement") is entered into this ____ day of _____, 20__, by and between _____, a _____ (hereinafter "Landowner"), and _____, a _____ (hereinafter "Assignee").

RECITALS

A. On _____, 2020, the City of Roseville and Landowner entered into that certain agreement entitled "Development Agreement By and Between The City of Roseville and West Roseville, LLC (hereinafter the "Development Agreement"). Pursuant to the Development Agreement, Landowner agreed to develop certain property more particularly described in the Development Agreement (hereinafter, the "Subject Property"), subject to certain conditions and obligations as set forth in the Development Agreement. The Development Agreement was recorded against the Subject Property in the Official Records of Placer County on _____, 2020 [Instrument No. _____].

B. Landowner intends to convey the Subject Property to Assignee, commonly referred to as Parcel F-55a, and more particularly identified and described in Exhibit A, attached hereto and incorporated herein by this reference, as defined in the Development Agreement.

C. Landowner desires to assign and Assignee desires to assume all of Landowner's right, title, interest, burdens and obligations under the Development Agreement with respect to and as related to the Subject Property.

ASSIGNMENT AND ASSUMPTION

NOW, THEREFORE, Landowner and Assignee hereby agree as follows:

1. Landowner hereby assigns, effective as of Landowner conveyance of the Subject Property to Assignee, all of the rights, title, interest, burdens and obligations of Landowner under the Development Agreement with respect to the Subject Property.

2. Assignee hereby assumes all of the rights, title, interest, burdens and obligations of Landowner under the Development Agreement with respect to the Subject Property, and agrees to observe and fully perform all of the duties and obligations of Landowner under the Development Agreement with respect to the Subject Property, and to be subject to all the terms and conditions thereof with respect to the Subject Property. The parties intend hereby that, upon the execution of this Agreement and conveyance of the Subject Property to Assignee, Assignee shall become substituted for Landowner as the "Landowner" under the Development Agreement with respect to the Subject Property.

3. All of the covenants, terms and conditions set forth herein shall be binding upon and shall insure to the benefit of the parties hereto and their respective heirs, successors and assigns.

4. The Notice Address described in Article 11 of the Development Agreement for the Landowner with respect to the Subject Property shall be:

Attn: _____

IN WITNESS HEREOF, the parties hereto have executed this Agreement as of the day and year first above written. This Agreement may be signed in identical counterparts.

LANDOWNER:

By: _____

Print Name: _____

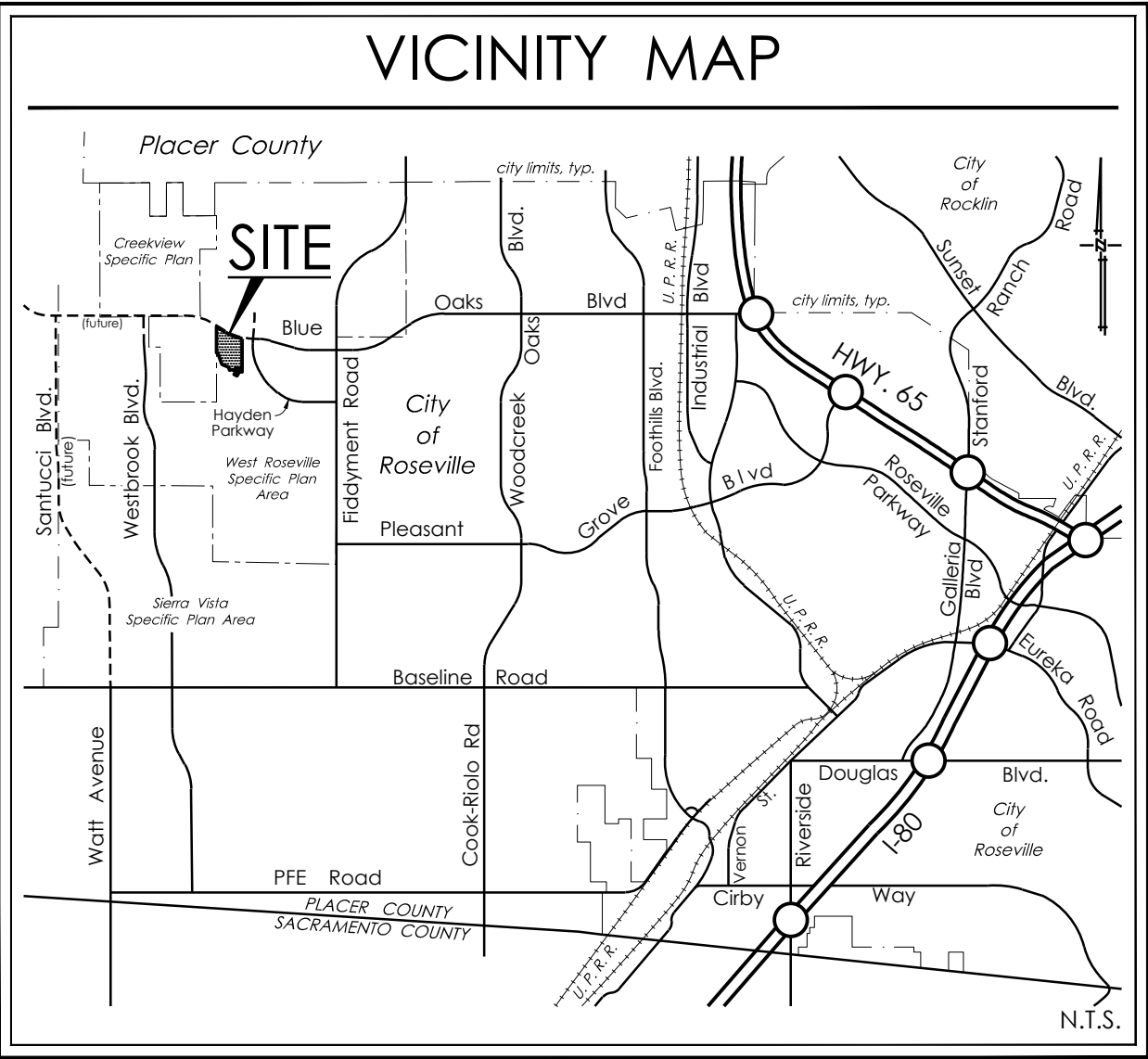
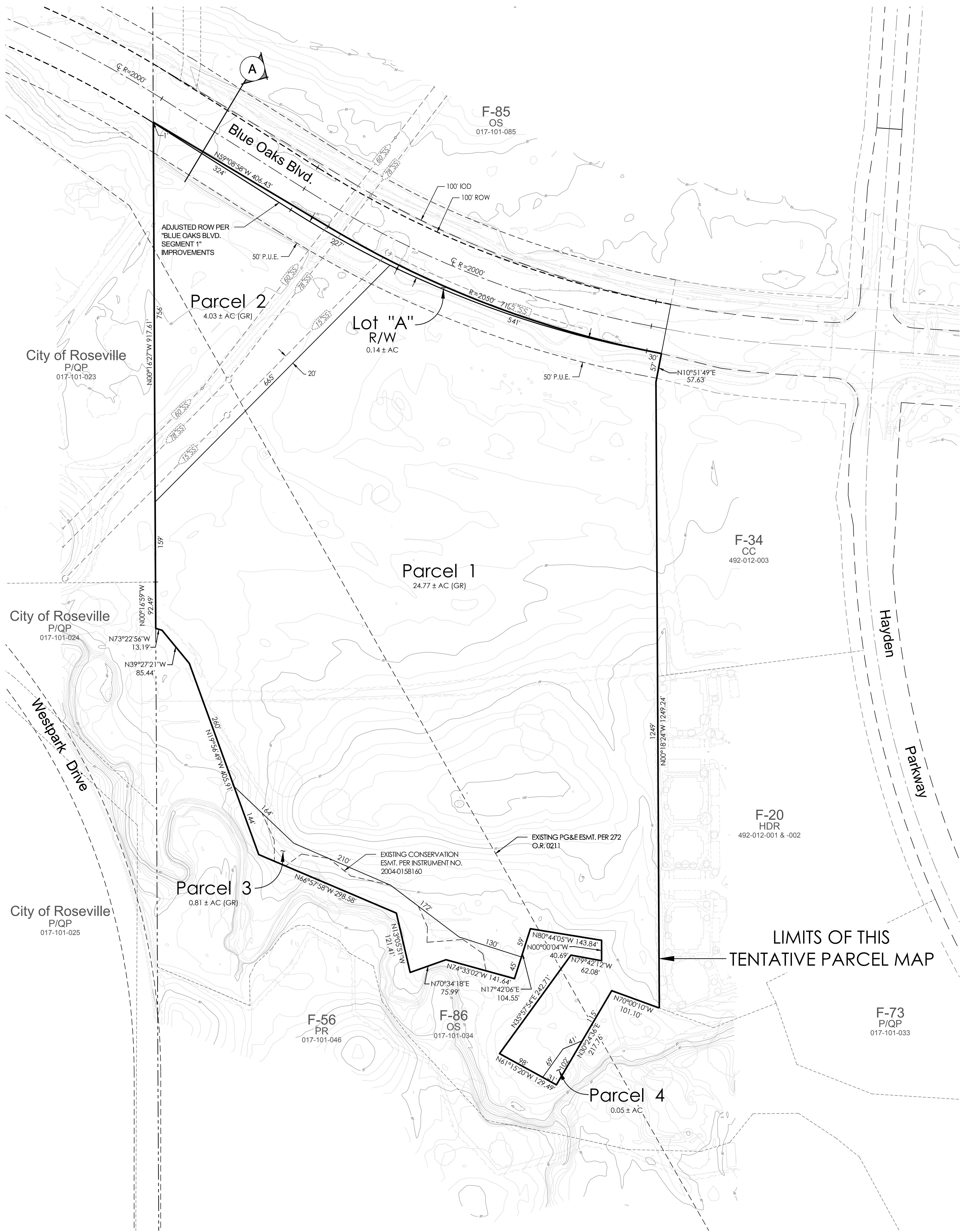
Title: _____

ASSIGNEE:

By: _____

Print Name: _____

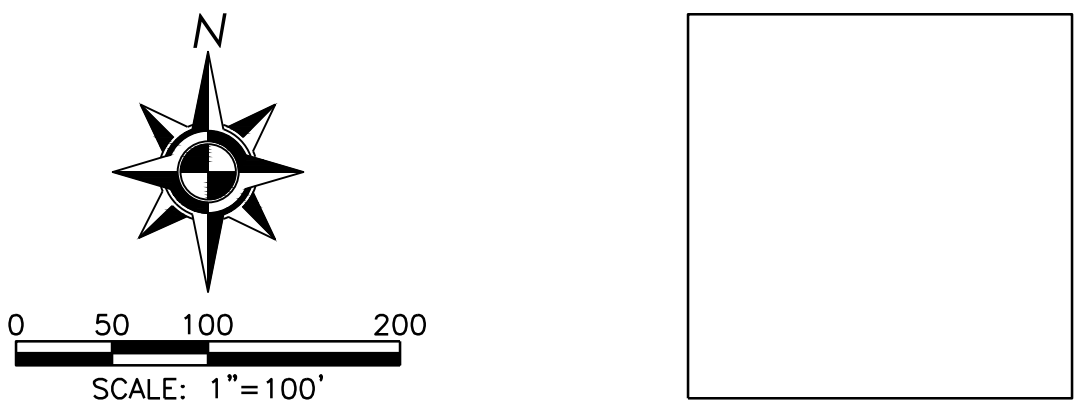
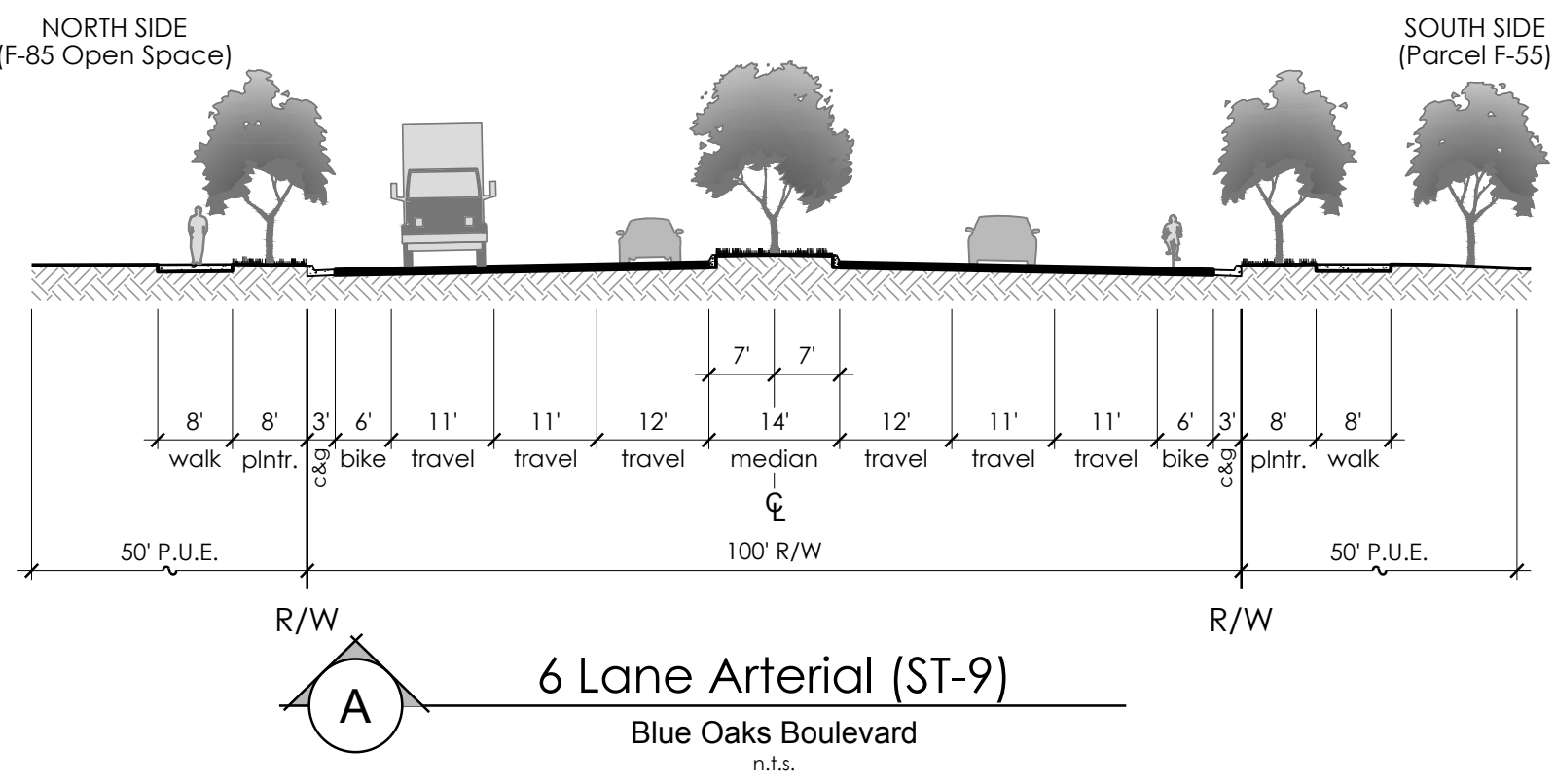
Title: _____



TENTATIVE PARCEL MAP INFORMATION	
APPLICANT:	West Roseville, LLC 1420 Rocky Ridge Drive, Suite 265 Roseville, CA 95661
ENGINEER:	MACKEY & SOMPS CIVIL ENGINEERS, INC. 1552 Eureka Road, Suite 100 Roseville, CA. 95661-3040 (916)773-1189
ASSESSOR'S PARCEL NUMBER:	492-012-004
TOTAL ACREAGE:	29.80 ± AC.
LAND USE:	
Existing General Plan Designation:	Parks and Recreation (PR)
ZONING:	
Existing Zone District:	Park and Recreation (PR)
NUMBER OF LOTS / PARCELS:	4: Park and Recreation (PR) Parcels 1: Right-of-Way Lot
SERVICE PROVIDERS:	
PARKS AND RECREATION:	City of Roseville
POLICE AND FIRE PROTECTION:	City of Roseville
SANITARY SEWER:	City of Roseville
DOMESTIC WATER:	City of Roseville
ELECTRICITY:	City of Roseville
TELEPHONE:	Consolidated Communications
GAS:	P.G.&E.
CABLE:	Comcast/Consolidated Communications

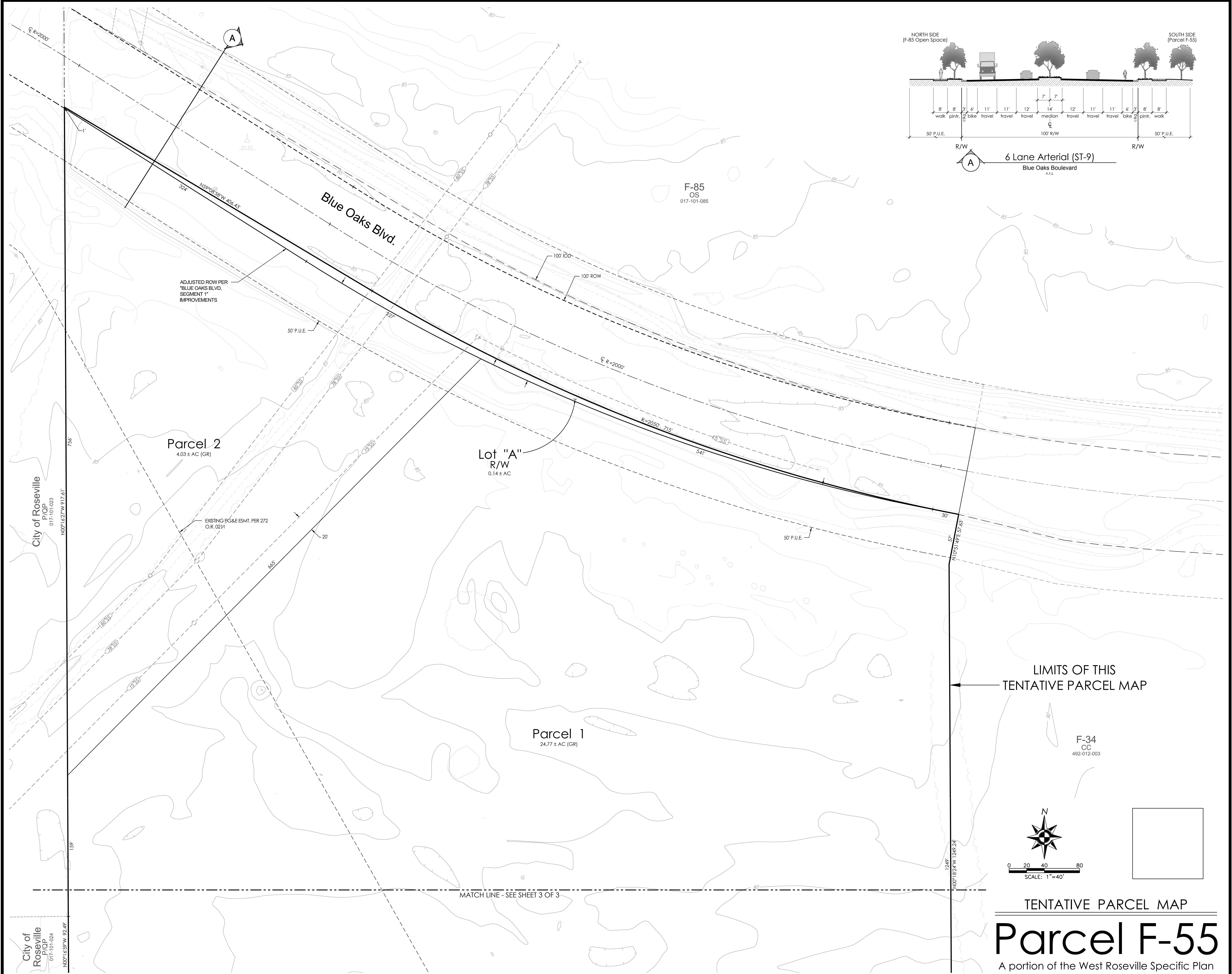
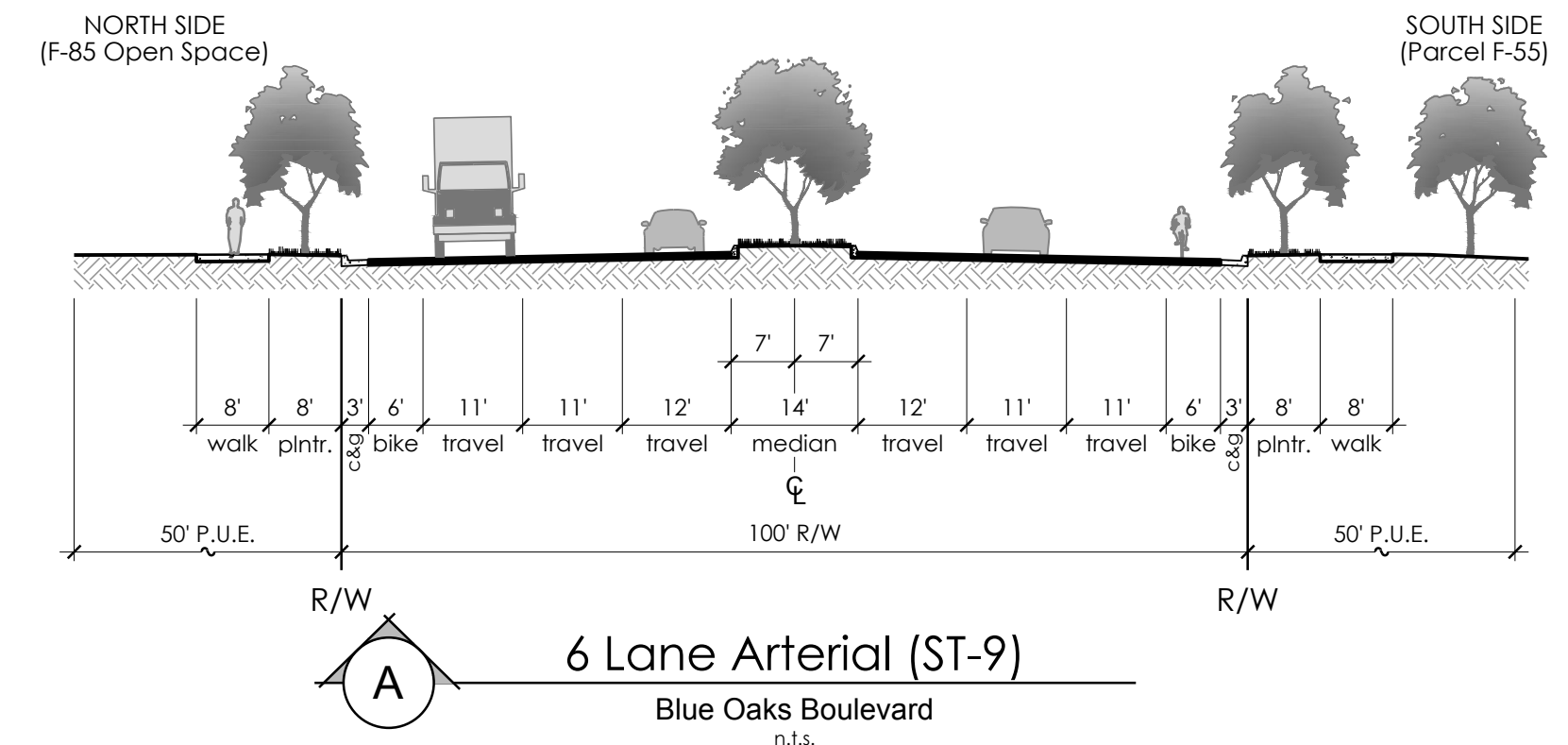
PARCEL SUMMARY	
Parcel	Gross Acres
1	24.77 ac.
2	4.03 ac.
3	0.81 ac.
4	0.05 ac.
Subtotal	29.66 ac.
Right of Way	
Lot A	0.14 ac.
Subtotal	0.14 ac.
Total	29.80 ac.

- TENTATIVE MAP NOTES**
1. PROPERTY DESCRIPTION: A portion the Designated Remainder, as shown on that certain map entitled "Final Map of Fiddymen Ranch Phase 2 Large Lot Subdivision No. 03-11," filed July 28, 2006, in Book 88 of Maps, at Page 24, in the Office of the Placer County Recorder.
 2. Lot dimensions and acreages on this Tentative Parcel Map are approximate and are subject to change.
 3. Lot lines and lot areas may be adjusted at the time of Final Map(s) preparation provided no additional lots are created, subject to approval by the City of Roseville. Flexibility in Large Lot parcel configuration and phasing as shown hereon is permitted with the Final Map(s) provided that the configuration is in substantial compliance with this Tentative Parcel Map, subject to approval by the City of Roseville.
 4. Pursuant to the Government Code Section 66456.1, multiple Final Maps may be filed based upon this Tentative Parcel Map. The filing of a Final Map on a portion of this Phased Tentative Subdivision Map shall not invalidate any part of this Phased Tentative Subdivision Map.
 5. At the time of Final Map, Parcels 3 & 4 will be merged with Open Space Parcel F-86 (A.P.N. 017-101-034)
 6. Lot A (ROW) is to be offered as an I.O.D. to the City of Roseville.

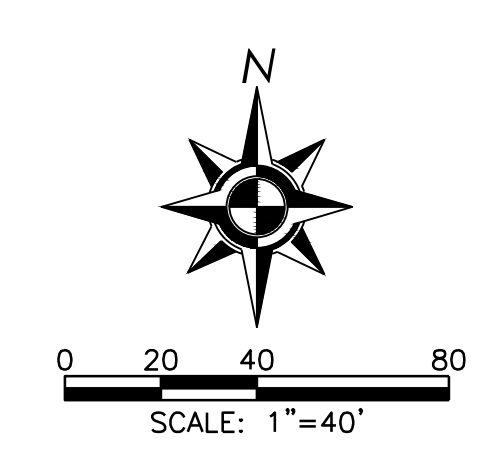


COVER SHEET
TENTATIVE PARCEL MAP
Parcel F-55
A portion of the West Roseville Specific Plan
Roseville, CA
December 11, 2019

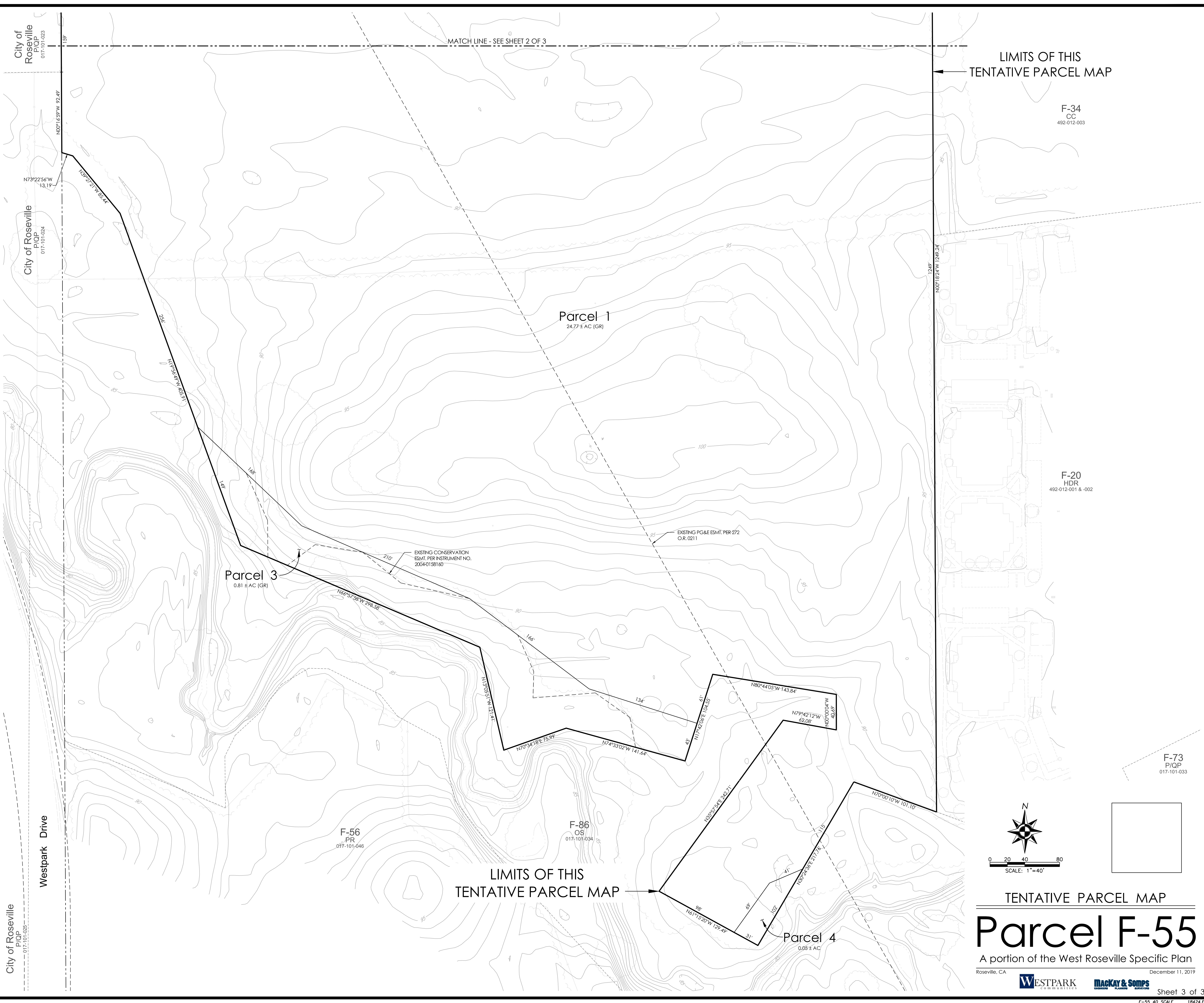




LIMITS OF THIS
TENTATIVE PARCEL MAP



TENTATIVE PARCEL MAP
Parcel F-55
A portion of the West Roseville Specific Plan



City of Roseville
P/QP
017-101-023

City of Roseville
P/QP
017-101-024

City of Roseville
P/QP
017-101-025

Westpark Drive

LIMITS OF THIS
TENTATIVE PARCEL MAP

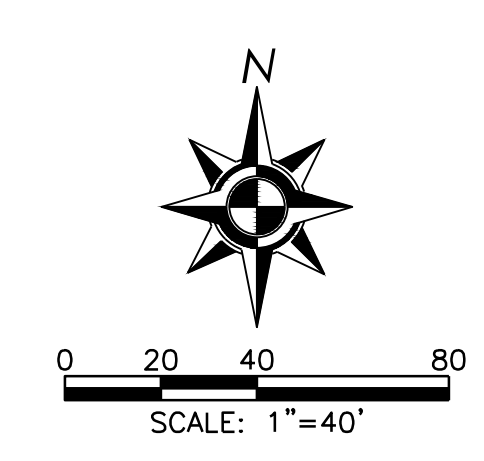
F-34
CC
492-012-003

F-20
HDR
492-012-001 & -002

F-73
P/QP
017-101-033

F-56
PR
017-101-046

F-86
OS
017-101-034



LIMITS OF THIS
TENTATIVE PARCEL MAP

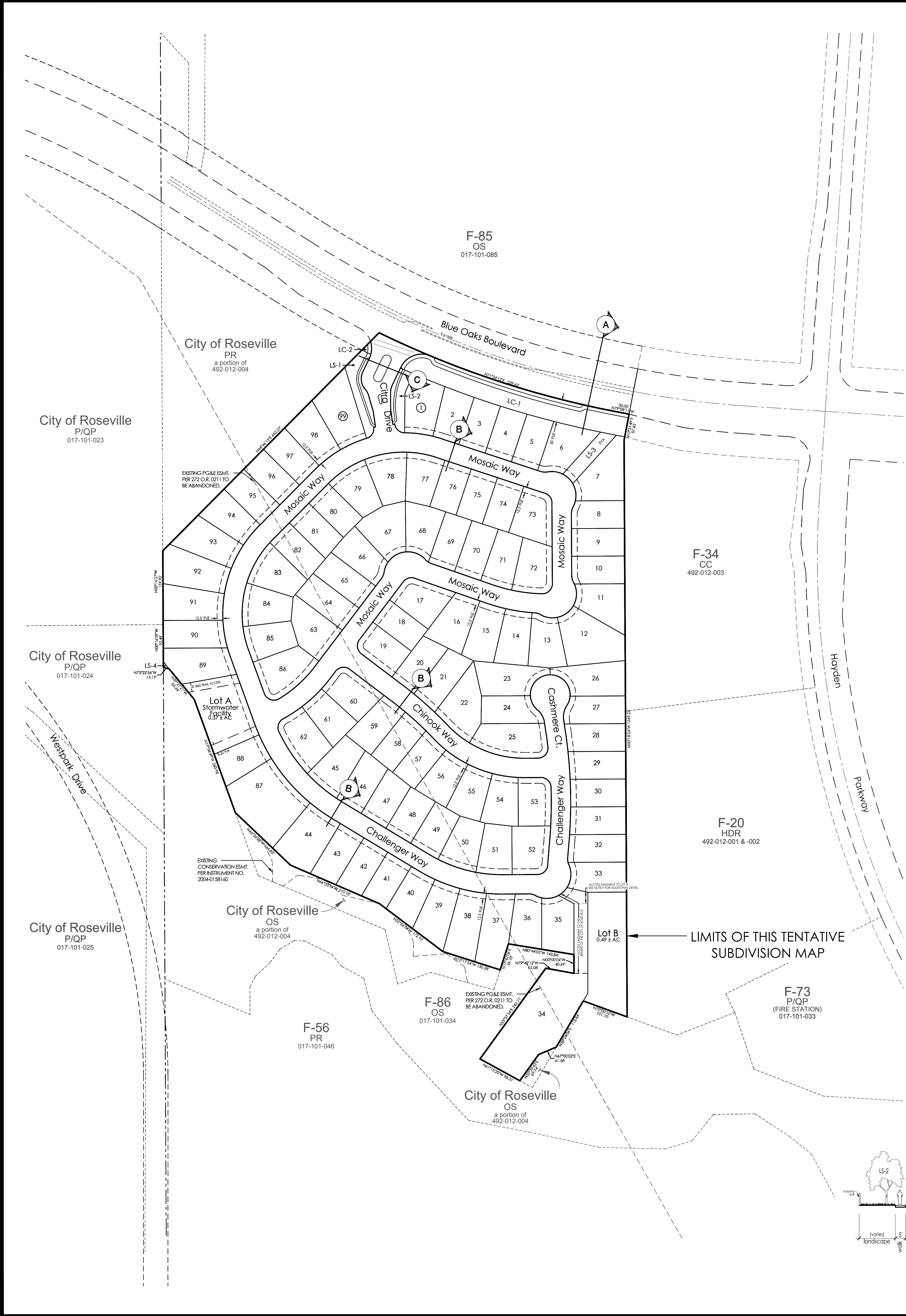
TENTATIVE PARCEL MAP

Parcel F-55

A portion of the West Roseville Specific Plan

Roseville, CA December 11, 2019

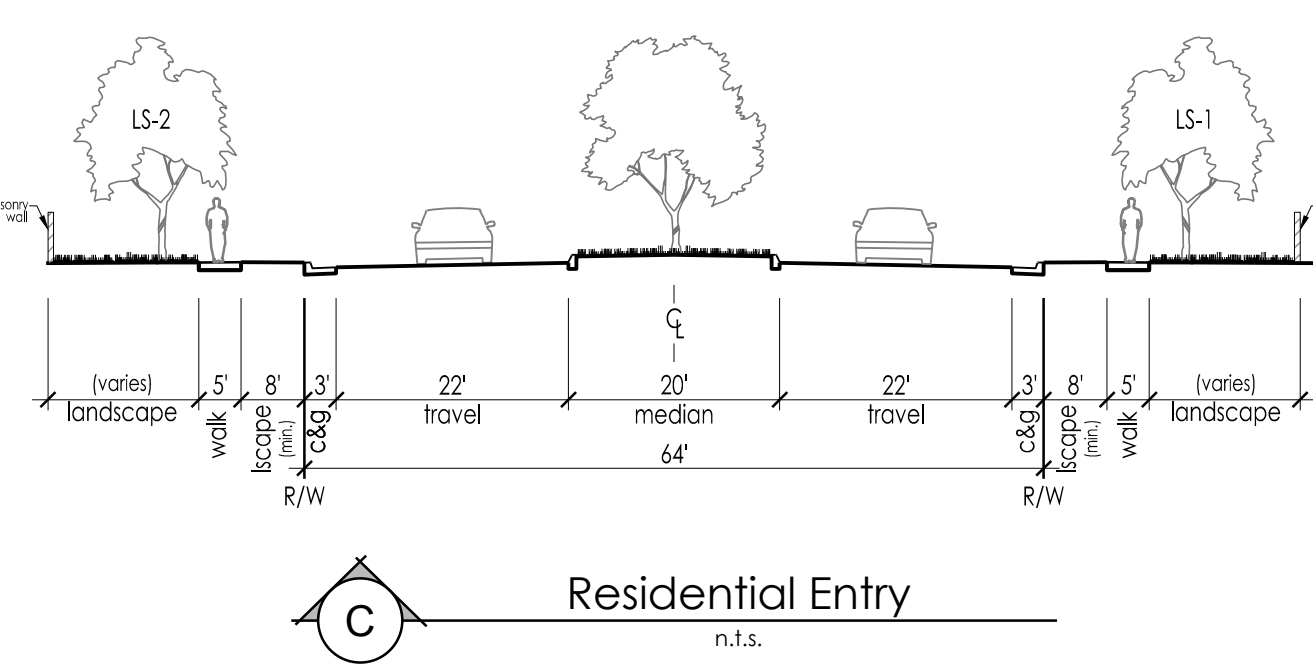
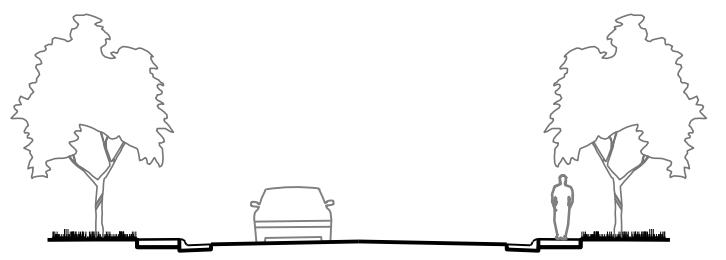
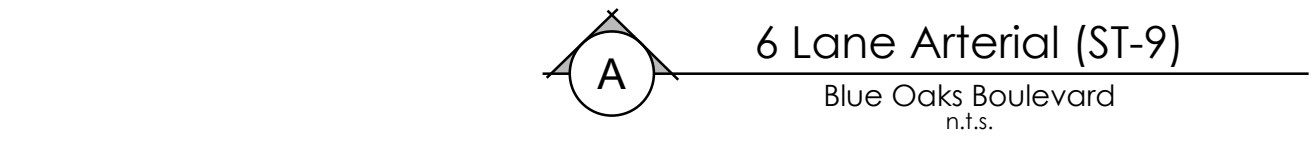
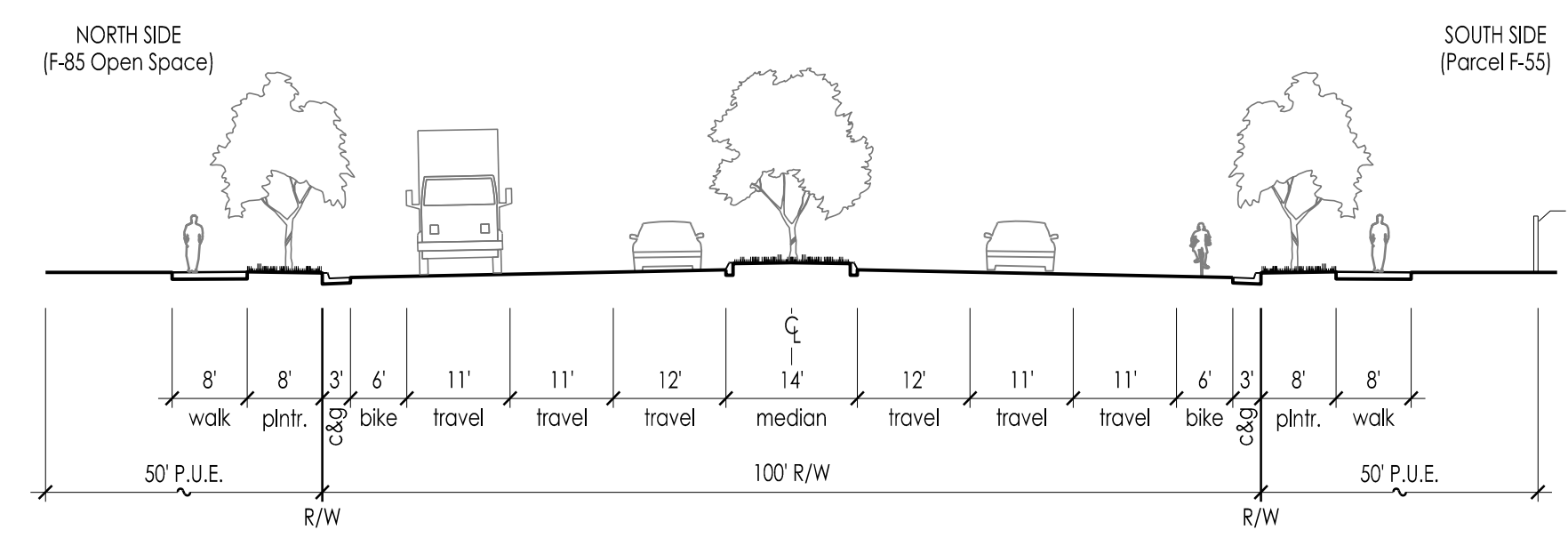
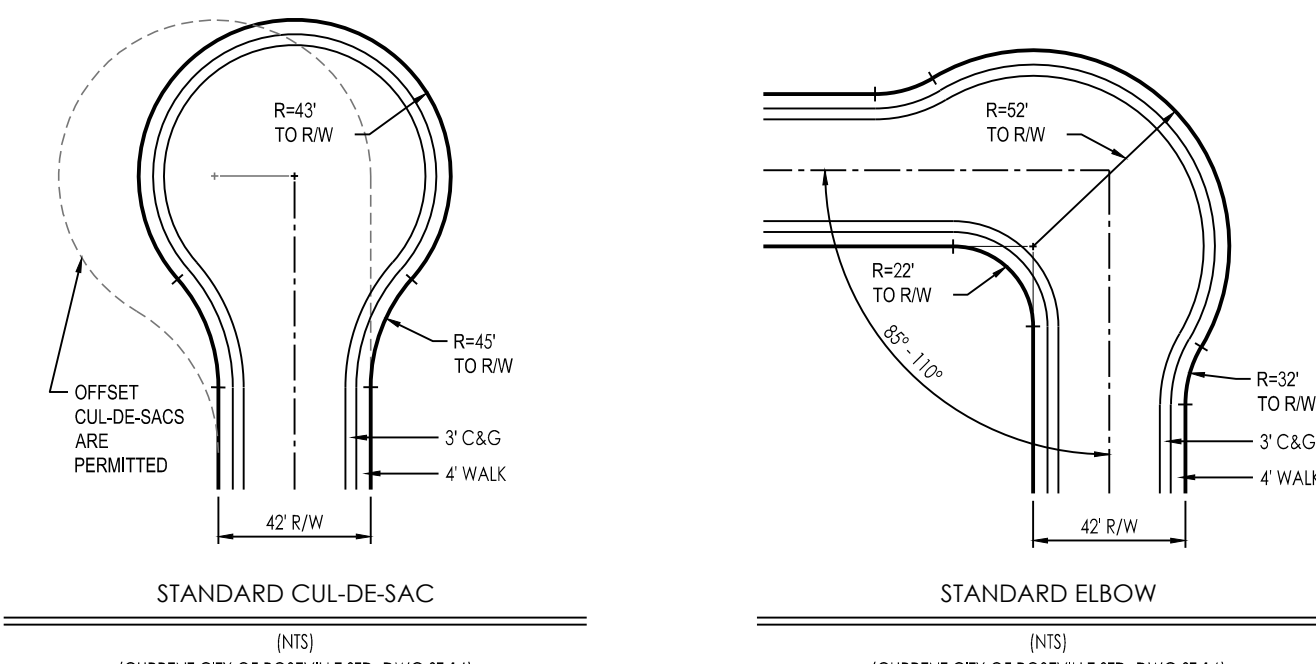




- TENTATIVE MAP NOTES**
1. PROPERTY DESCRIPTION: A portion the Designated Remainder, as shown on that certain map entitled "Final Map of Fiddymont Ranch Phase 2 Large Lot Subdivision No. 03-11," filed July 28, 2006, in Book 88 of Maps, at Page 24, in the Office of the Placer County Recorder.
 2. Lot dimensions and acreages are approximate and are subject to change.
 3. Lot lines and lot areas may be adjusted at the time of Final Map(s) preparation provided no additional lots are created, subject to approval by the City of Roseville. Flexibility in Large Lot parcel configuration and phasing as shown herein is permitted with the Final Map provided that the configuration is in substantial compliance with this Phased Tentative Subdivision Map, subject to approval by the City of Roseville.
 4. The Final Mapping and subsequent development of parcels and streets may be phased. Project improvements are deferred to individual Small Lot Final Maps or project development plans.
 5. Pursuant to Government Code Section 66463.1, the subdivider may file multiple Final Maps based upon this Phased Tentative Subdivision Map. The filing of a Final Map on a portion of this Phased Tentative Subdivision Map shall not invalidate any part of this Phased Tentative Subdivision Map.
 6. Additional easements to accommodate new public utility improvements, access required for parcel development, rights to construct, or other similar mapping requirements needed to accomplish the final design may be added prior to each Small Lot Final Map based on this Phased Tentative Subdivision Map.
 7. Street sections are per the West Roseville Specific Plan (Chapter 7) and the West Roseville Design Guidelines (Chapter 12), except as modified hereon to create wider landscape parkways where shown.
 8. The following lots are to be offered to the City of Roseville, created at the time of each Final Map: ROW Lots LC-1 through LC-2, Landscape Lots LS-1 through LS-4, and Lot A.
 9. Public access to Lot B will initially be provided via an access easement across a portion of Lot 34. Lot B will ultimately be conveyed to the property owner of Parcel F-20 (A.P.N. 492-012-001 & 002) and a Lot Line Adjustment (or similar mechanism) will be processed to incorporate Lot B into Parcel F-20. At such time that public access is provided to Lot B via Parcel F-20, the access easement across Lot 34 will be abandoned.
 10. Landscape corridor widths may be reduced for ancillary right-turn lanes, auxiliary lanes, bus turn-outs, standard tapers, and the like per the provisions in the West Roseville Specific Plan.
 11. Landscape corridor lots, lettered lots, and landscape lots are not to be counted as "lots" towards any future boundary line adjustment.
 12. Open style fencing will be installed at the rear property line of lots 34-44, lots 87-89, and Lot A, where adjacent to Open Space parcel F-86.
 13. A minimum 12.5' Public Utility Easement (PUE) will be located adjacent to all rights-of-way unless otherwise noted.

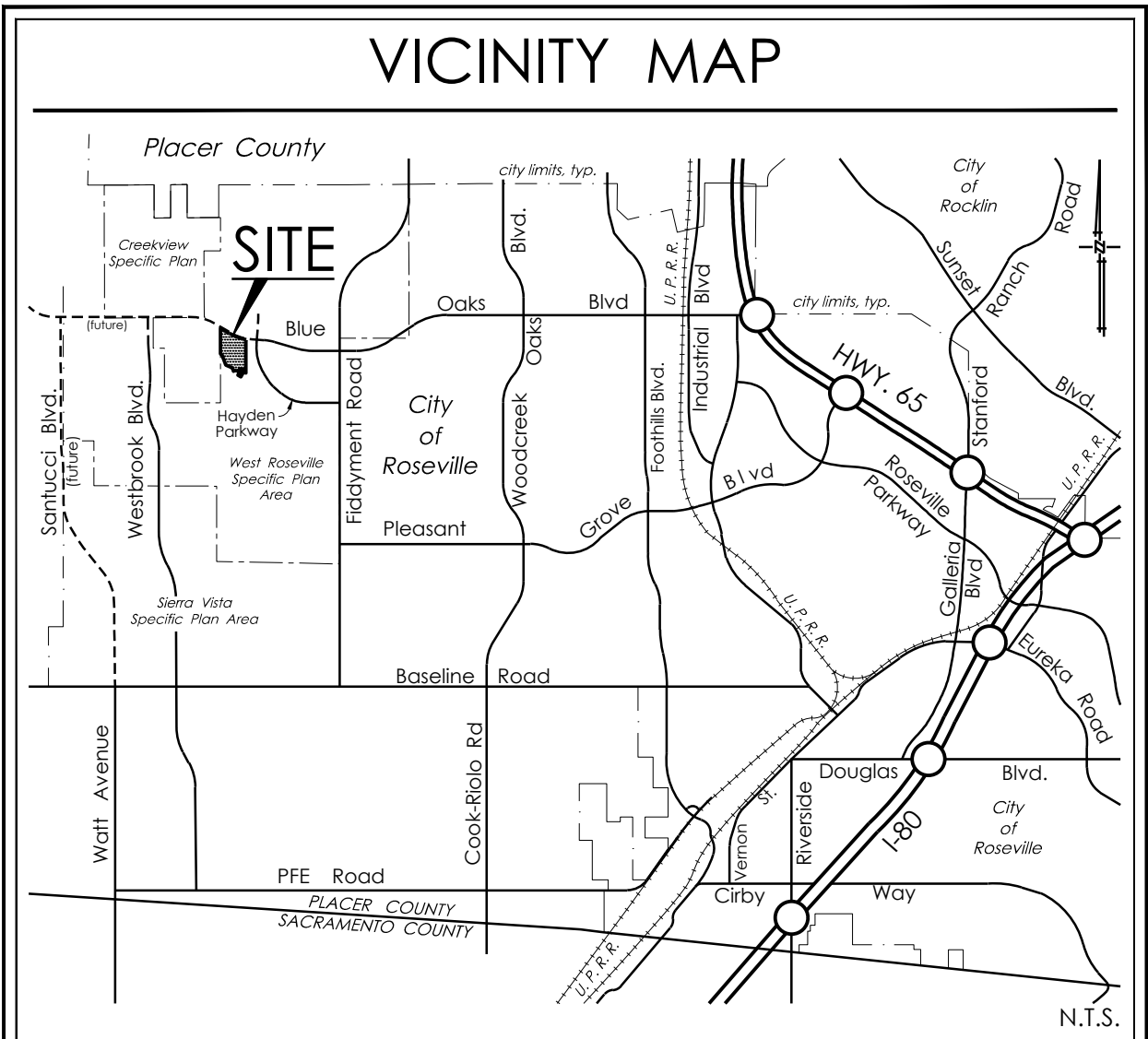
PARCEL SUMMARY

Parcel Summary				Landscape Lot Summary	
Parcel	Acre	Units	Lot Size (sq. ft.)	Parcel	Sq. Ft. (ac.)
F-55 (Residential Lots)	23.02 ac.	99 du	60' x 105'	LS-1	5,555.6 sf
Lot A (Stormwater Facility)	0.37 ac.	n/a	n/a	LS-2	3,920.4 sf
Lot B	0.49 ac.	n/a	n/a	LS-3	3,920.4 sf
subtotal	23.88 ac.	99 du	n/a	LS-4	73.6 sf
Right of Way & Landscape Lots				TOTAL	13,470.0 sf (0.31 ac.)
LC-1 (Landscape Corridor)	0.57 ac.				
LC-2 (Landscape Corridor)	0.01 ac.				
LS-1-4	0.31 ac.				
subtotal	0.89 ac.				
TOTAL	24.77 ac.	99 du			



TENTATIVE PARCEL MAP INFORMATION

<u>APPLICANT:</u>	West Roseville, LLC 1420 Rocky Ridge Drive, Suite 265 Roseville, CA 95661
<u>ENGINEER:</u>	MACKAY & SOMPS CIVIL ENGINEERS, INC. 1025 Creekside Ridge Drive, Suite 150 Roseville, CA. 95678-3575 (916)773-1189
<u>SITE ADDRESS:</u>	2401 Blue Oaks Boulevard Roseville, CA 95747
<u>ASSESSOR'S PARCEL NUMBER:</u>	A portion of 492-012-004
<u>TOTAL ACREAGE:</u>	24.77 ± AC.
<u>LAND USE:</u>	
Existing:	Parks and Recreation (PR)
Proposed:	Low Density Residential (LDR) & High Density Residential (HDR)
<u>ZONING:</u>	
Existing:	PR
Proposed:	RS/DS & R3
<u>NUMBER OF LOTS / PARCELS:</u>	107: TOTAL LOTS 99: LDR Lots 2: Right-of-Way Lots (LC-1 & LC-2) 4: Landscape Lots (LS-1 through LS-4) 2: Lettered Lots (Lot A & Lot B)
<u>SERVICE PROVIDERS:</u>	
PARKS AND RECREATION:	City of Roseville
POLICE AND FIRE PROTECTION:	City of Roseville
SANITARY SEWER:	City of Roseville
DOMESTIC WATER:	City of Roseville
ELECTRICITY:	City of Roseville
TELEPHONE:	Consolidated Communications
GAS:	P.G.&E.
CABLE:	Comcast/Consolidated Communications



ABBREVIATIONS

LC-	LANDSCAPE CORRIDOR LOT
LS-	LANDSCAPE LOT
PUE	PUBLIC UTILITY EASEMENT
EVA	EMERGENCY VEHICLE ACCESS

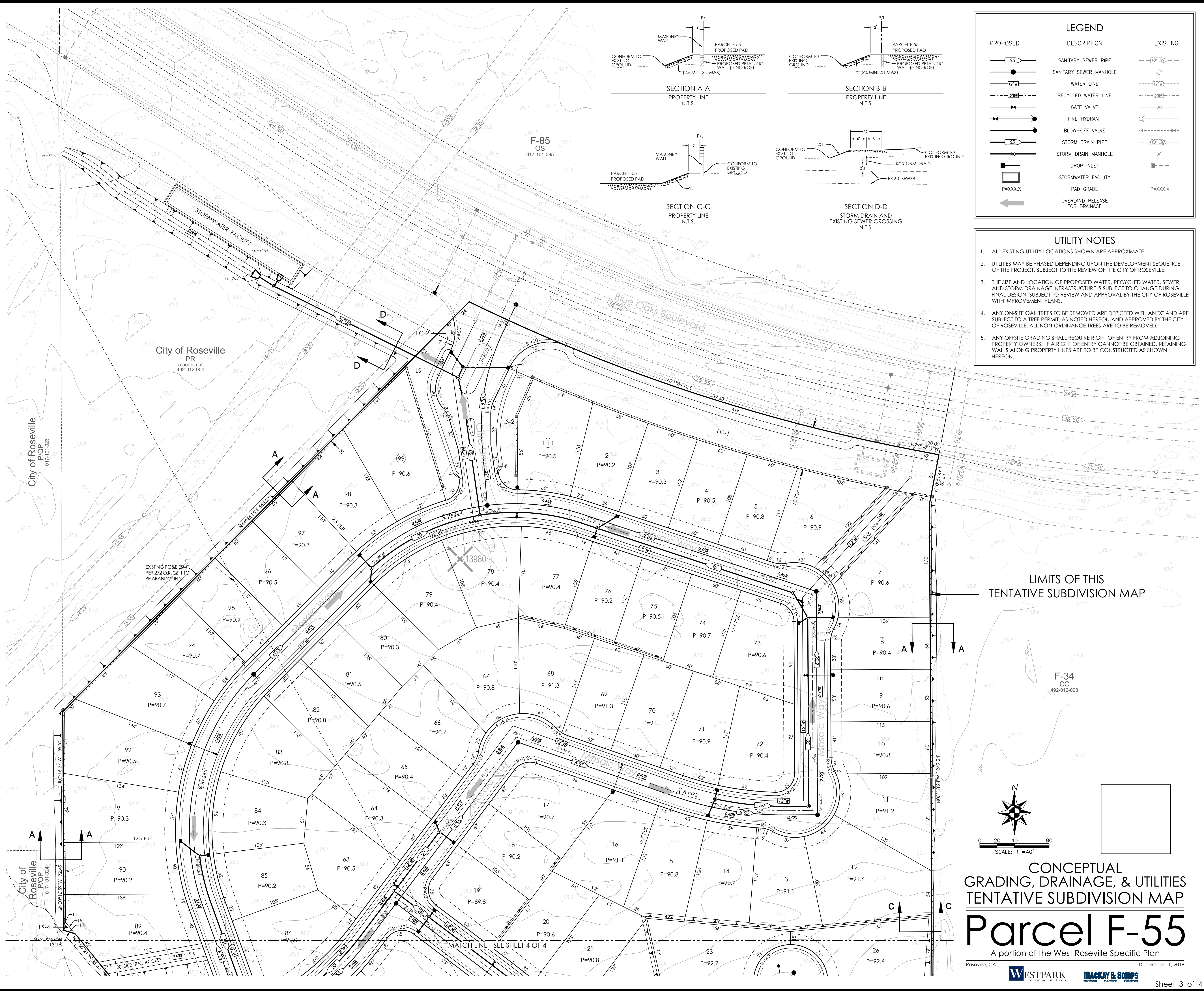
COVER SHEET
TENTATIVE SUBDIVISION MAP
Parcel F-55
A portion of the West Roseville Specific Plan

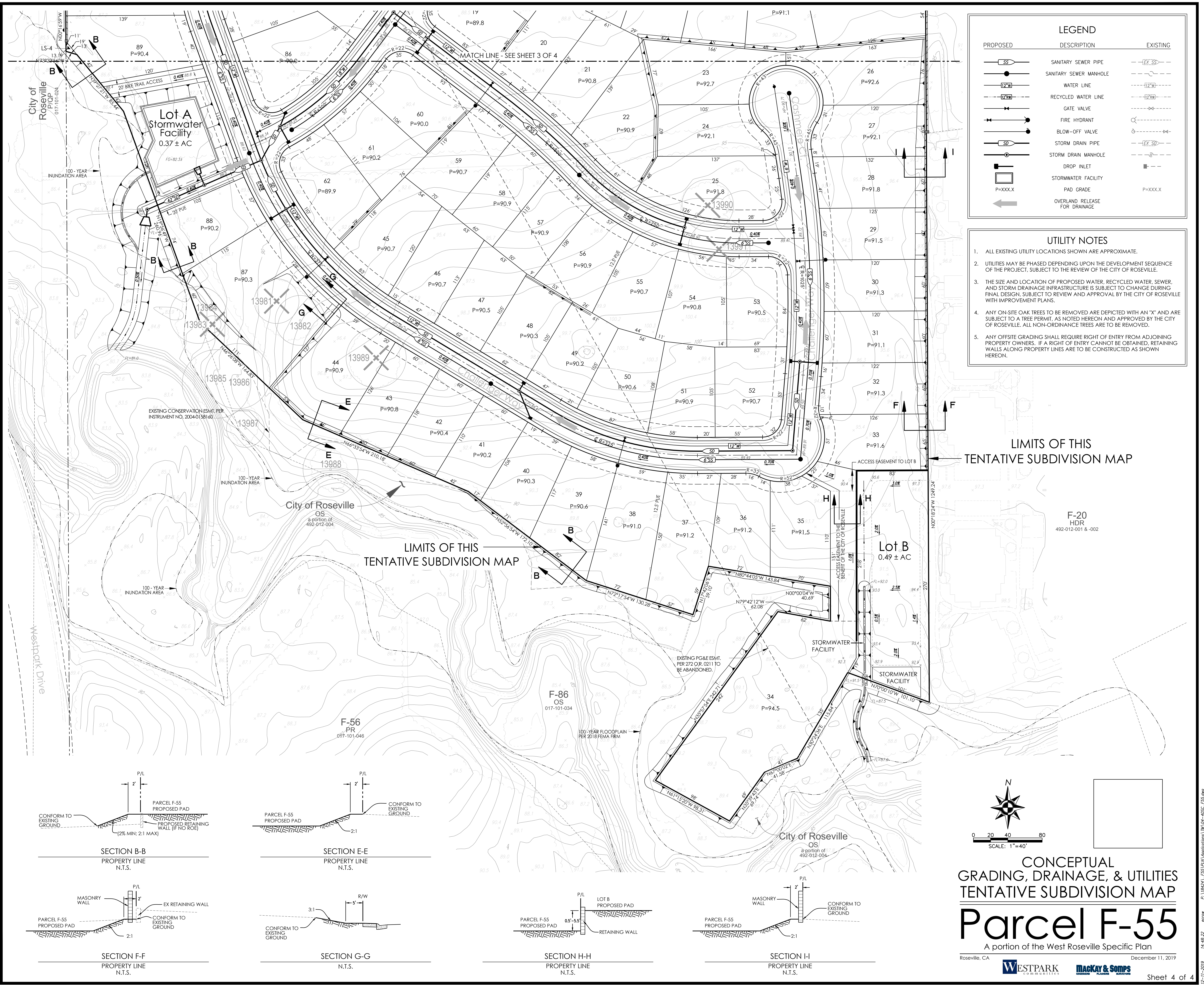
Roseville, CA December 11, 2019

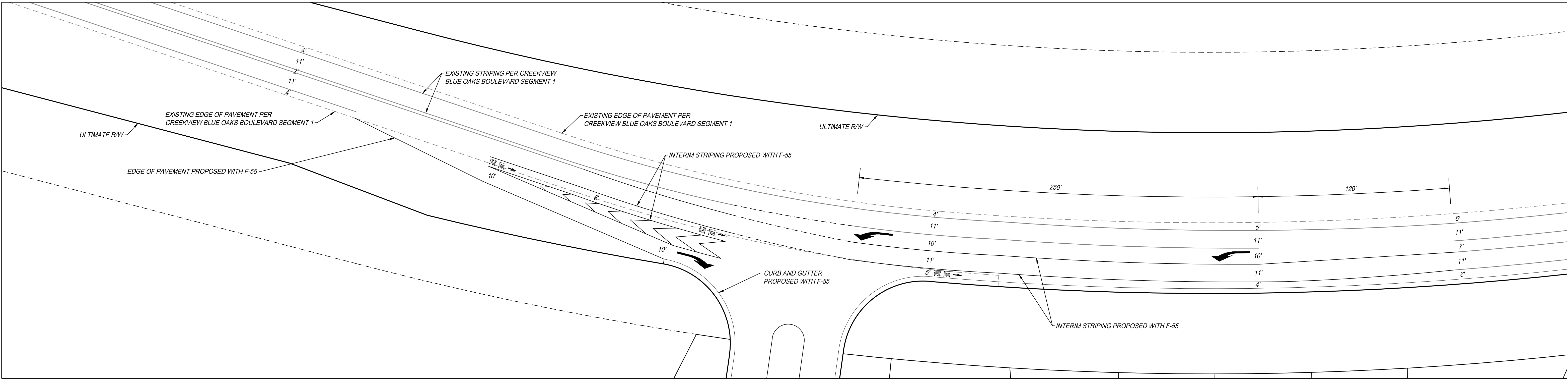




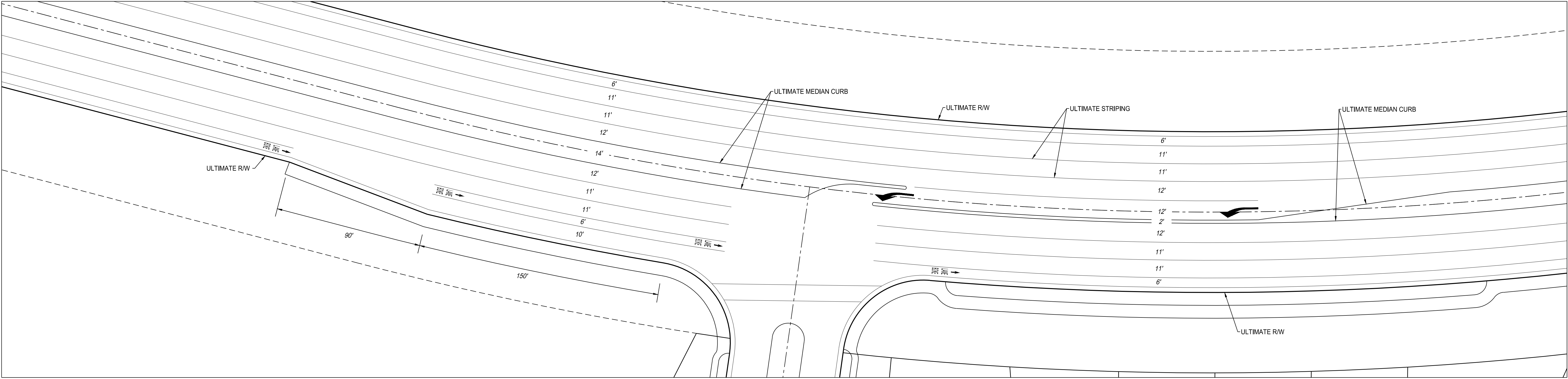
F-55 COVER 18424 F55



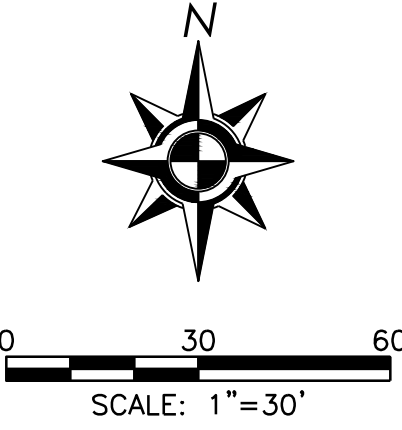




BLUE OAKS BOULEVARD INTERIM STRIPING PLAN



BLUE OAKS BOULEVARD ULTIMATE STRIPING PLAN



ATTACHMENT A
BLUE OAKS BOULEVARD STRIPING PLAN
Parcel F-55

A portion of the West Roseville Specific Plan
Roseville, CA December 11, 2019



West Roseville Specific Plan

REDLINED CHANGE PAGES

Amendments for
Parcels F-55 & W-60A

Public Hearing Draft
February 19, 2020



□ COMMUNITY FOCAL POINTS

The Village Center and Activity Cores are to be a central focus of activity, and will have a highly visible community presence.

Village Center - The Village Center is planned as a unique and diverse mixed-use hub of activities. The Village Center is envisioned as the heart of the WRSP, a destination where residents will live, meet, shop, eat, recreate, obtain services and socialize. The anticipated mix of uses may include retail, restaurant, service, office, public, church, school, park and high/medium density housing. Emphasis is placed on the pedestrian, rather than the auto, and on consistency with the City's General Plan Pedestrian District level of service policy. The Village Center is modeled towards a traditional urban town center rather than a suburban shopping center.

Activity Cores — Two sports-oriented Activity Cores are planned in the plan area. The first Activity Core consists of a Sports Complex located on Westbrook Boulevard, to the west of the Pleasant Grove Wastewater Treatment Plant. It is envisioned to develop with long fields that can be used for soccer tournaments. The ~~City's second Activity Core consists of a~~ Regional Sports Park ~~is planned located to the~~ east of the Pleasant Grove Wastewater Treatment Plant, encompassing a portion of the required 1000-foot non-residential buffer. Immediately to the east of the Regional Sports Park is a planned high school site, and further to the east and close by, Fiddymont Park. The central proximity of these facilities, along with the inclusion of multiple vehicular, pedestrian and bicycle connection points, are intended to facilitate accessibility between facilities and to nearby residents. Combined, the park, school and adjacent open space areas generate a distinct central core of active and passive recreation, education, joint use opportunities, and community activity. The Activity Core will draw users from both within and outside the WRSP..

□ RESIDENTIAL NEIGHBORHOODS

Low density single-family residential is the predominant land use within the WRSP, and a defining characteristic of the community. The Residential Neighborhoods surround the Activity Core with approximately 40% of Plan Area units to the north and east of the Activity Core, and 60% to the south and west.

Neighborhoods include a mix of low, medium and high density residential uses consistent with the character of the City. Schools and parks are located in neighborhoods within walking distance of most residences. Medium and high-density residential is incorporated, proximate to services and



Residential Neighborhoods

4 LAND USE PLAN & REGULATIONS

4.1 OVERVIEW

The West Roseville Specific Plan land use plan includes a blend of residential, service, employment, open space and public uses. The Plan Area will house approximately ~~26,222~~ ~~25,964~~ residents and 4,735 employees. WRSP land uses are reflected on Figure 4-1, and are summarized on Table 4-1. A parcel-by-parcel land use, zoning, and unit summary is included on Table 4-2. Given its unique nature, a more detailed discussion of the proposed Village Center is included as Section 10, Village Center Plan.

4.2 PERMITTED USES & DEVELOPMENT STANDARDS

Land uses within the West Roseville Specific Plan will be implemented by the application of permitted, conditionally permitted and/or administratively permitted uses designated by the zoning district applied to each parcel. Except as otherwise provided in this Specific Plan, permitted uses, development standards, processing requirements and other regulations are as specified by the City of Roseville Zoning Ordinance (Municipal Code Chapter 19).

In accordance with the Zoning Ordinance, the WRSP has applied the Development Standards (DS) and Special Area (SA) overlay zones to customize development standards and/or permitted uses of general zone districts where needed. A summary of zoning districts and overlay zones applied by the WRSP is included in Table 4-3. Guidance relating to the application of these overlay zones is provided in this section.

The WRSP Design Guidelines (Section 12) include additional detail to be considered in the design, review and approval of individual projects. The WRSP Design Guidelines supplement the Citywide Design Guidelines and other City requirements by identifying considerations unique to the character and development objectives of the Plan Area. Development within the Plan Area is required to comply with the WRSP Design Guidelines, and all applicable City requirements.

Table 4-1: Land Use Summary

General Plan Land Use (Specific Plan Land Use)	Acres	% of Total Acres	Allocated Units	% of Total Units
Residential				
LDR (Residential)	1376.7 1362.42	43.52% 42.75%	6025 5926	56.87% 56.46%
LDR (Age Restricted)	146.79	4.64%	704	6.71%
LDR (Pocket Park)	14.18	0.45%	0	0.00%
MDR (Residential)	80.94	2.56%	813	7.75%
MDR (VC-Residential)	54.14	1.71%	454	4.33%
HDR (Residential)	94.98 94.49	3.00% 2.99%	2,212	20.88% 21.08%
HDR (VC-Residential)	9.39	0.30%	155	1.47%
HDR (VC-Residential / Senior)	12.35	0.39%	232	2.21%
Subtotal	1,789.47 1,764.67	56.57% 55.78%	10,594 10,495	100%
Service and Employment				
CC (Commercial)	48.48	1.53%	0	0.00%
CC (VC-Commercial)	6.38	0.20%	0	0.00%
LI (Light Industrial)	29.96 55.16	0.95% 1.74%	0	0.00%
IND (Industrial)	32.86	1.04%	0	0.00%
Subtotal	117.68 142.88	3.72% 4.52%	0	0.00%
Open Space and Public				
OS (Open Space)	692.52 691.66	21.89% 21.86%	0	0.00%
OS (Paseo)	13.51	0.43%	0	0.00%
PR (Park)	67.33	2.13%	0	0.00%
PR (Fiddymment Park)	95.56	3.02%	0	0.00%
PR (Sports Complex)	74.58 75.15	2.36% 2.38%	0	0.00%
PR (VC-Park)	8.98	0.28%	0	0.00%
PR (VC-Village Green)	3.30	0.12%	0	0.00%
P/QP (Elementary School)	37.75	1.19%	0	0.00%
P/QP (Middle School)	20.28	0.64%	0	0.00%
P/QP (High School)	52.85	1.67%	0	0.00%
P/QP (Fire Station)	2.51	0.08%	0	0.00%
P/QP (Well)	0.83	0.04%	0	0.00%
P/QP (Water Tank)	5.36	0.17%	0	0.00%
P/QP (WWTP)	14.99	0.47%	0	0.00%
P/QP (Substation)	1.55	0.05%	0	0.00%
P/QP (VC-Church)	10.85	0.34%	0	0.00%
ROW (Right of Way)	153.62 153.48	4.86% 4.85%	0	0.00%
Subtotal	1256.37 1255.94	39.71% 39.70%	0	0.00%
Total	3,163.52	100.00%	10,594 10,495	100.00%

Last update ~~November 19, 2015~~ May 25, 2018

Table 4-2: Land Use, Zoning, and Units by Parcel

Parcel	General Plan Land Use (Specific Plan Land Use)	Zoning	Acres	Allocated Units	Density
F-1A	LDR (Residential)	RS/DS	19.34	93	4.8
F-1B	LDR (Residential)	RS/DS	20.94	83	4.0
F-2	LDR (Residential)	RS/DS	31.58	127	4.0
F-3	LDR (Residential)	RS/DS	24.58	135	5.5
F-4	LDR (Residential)	R1/DS	34.66	78	2.3
F-5	LDR (Residential)	R1/DS	51.61	157	3.0
F-6A	LDR (Residential)	RS/DS	32.35	179	5.5
F-6B	HDR (Residential)	R3	8.43	195	23.1
F-6C	MDR (Residential)	RS/DS	26.33	307	11.7
F-6D	CC (Commercial)	CC	5.05		
F-7	LDR (Residential)	RS/DS	20.99	131	6.2
F-8A	HDR (Residential)	R3	11.69	277	23.7
F-8B	MDR (Residential)	RS/DS	10.54	127	12.0
F-8C	LDR (Residential)	RS/DS	15.19	88	5.8
F-8D	LDR (Residential)	RS/DS	10.64	38	3.6
F-9A	LDR (Residential)	RS/DS	28.32	121	4.3
F-9B	LDR (Residential)	RS/DS	15.2	70	4.6
F-9C	LDR (Residential)	RS/DS	17.81	83	4.7
F-9D	LDR (Residential)	RS/DS	12.95	40	3.1
F-10A	LDR (Residential)	RS/DS	30.05	122	4.1
F-10B	LDR (Residential)	RS/DS	22.0	115	5.2
F-10C	LDR (Residential)	RS/DS	19.9	80	4.0
F-11A	LDR (Residential)	RS/DS	30.95	175	5.7
F-11B	MDR (Residential)	RS/DS	16.11	152	9.4
F-12	LDR (Residential)	RS/DS	19.84	97	4.9
F-13A	LDR (Residential)	RS/DS	21.84	93	4.3
F-13B	LDR (Residential)	RS/DS	31.9	161	5.0
F-14	LDR (Residential)	RS/DS	104.62	422	4.0
F-15A	LDR (Residential)	R1/DS	19.88	76	3.8
F-15B	LDR (Residential)	R1/DS	9.94	45	4.5
F-15C	LDR (Residential)	R1/DS	12.39	46	3.7
F-16	LDR (Residential)	RS/DS	29.14	110	3.8
F-17	MDR (Residential)	RS/DS	17.13	131	7.6
F-19A	LDR (Residential)	RS/DS	31.28	155	5.0
F-19B	LDR (Residential)	RS/DS	32.62	143	4.4
F-20A	HDR (Residential)	R3	6.92	156	22.5
F-20B	HDR (Residential)	R3	0.49		
F-21	HDR (Residential)	R3	14.46	343	23.7
F-22	HDR (Residential)	R3	9.84	244	24.8
F-23	MDR (Residential)	RS/DS	10.83	96	8.9
F-24	HDR (Residential)	R3	11.98	300	25.0
F-25	HDR (Residential)	R3	5.49	137	25.0
F-26	HDR (Residential)	R3	5.60	140	25.0
F-30	CC (Commercial)	CC	8.46		
F-31	CC (Commercial)	CC	13.35		
F-32	CC (Commercial)	CC	4.67		
F-33	CC (Commercial)	CC	4.68		
F-34	CC (Commercial)	CC	5.29		
F-35	CC (Commercial)	CC	2.02		
F-50	PR (Park)	P/R	7.79		
F-51	PR (Park)	P/R	11.83		
F-52	PR (Park)	P/R	6.34		
F-53	PR (Park)	P/R	6.31		
F-54	PR (Fiddymment Park)	P/R	95.56		
F-55A	LDR (Residential) PR (Sports Complex)	RS/DS P/R	24.28-29.8	99	4.1
F-55B	PR (Park)	P/R	4.03		

F-56	PR (Sports Complex)	P/R	45.35		
F-65	P/QP (Substation)	P/QP	1.55		
Parcel	General Plan Land Use (Specific Plan Land Use)	Zoning	Acres	Allocated Units	Density
F-66	P/QP (Well)	P/QP	0.36		
F-67	P/QP (Well)	P/QP	0.17		
F-70	P/QP (Elementary School)	P/QP	8.51		
F-71	P/QP (Elementary School)	P/QP	10.83		
F-72	P/QP (High School)	P/QP	52.85		
F-73	P/QP (Fire Station)	P/QP	2.51		
F-80	OS (Open Space)	OS	131.96		
F-81	CC (Commercial)	CC	1.97		
F-83	OS (Open Space)	OS	59.17		
F-84	OS (Open Space)	OS	81.18		
F-85	OS (Open Space)	OS	26.92		
F-86A	OS (Open Space)	OS	12.94		
<u>F-86B</u>	<u>OS (Open Space)</u>	<u>OS</u>	<u>0.81</u>		
<u>F-86C</u>	<u>OS (Open Space)</u>	<u>OS</u>	<u>0.05</u>		
F-87	OS (Open Space)	OS	8.98		
F-88	OS (Open Space)	OS	18.32		
F-89	OS (Open Space)	OS	0.74		
F-90A	OS (Paseo)	OS	0.10		
F-90B	OS (Paseo)	OS	0.66		
F-90C	OS (Paseo)	OS	0.99		
F-91A	OS (Paseo)	OS	0.83		
F-91B	OS (Paseo)	OS	0.40		
F-91C	OS (Paseo)	OS	1.06		
F-92A	OS (Paseo)	OS	0.80		
F-92B	OS (Paseo)	OS	0.58		
F-93	OS (Paseo)	OS	0.91		
F-94	LDR (Pocket Park)	RS/DS	1.45	0	0.0
F-95	LDR (Pocket Park)	RS/DS	1.47	0	0.0
F-96	LDR (Pocket Park)	RS/DS	1.31	0	0.0
F-97	LDR (Pocket Park)	RS/DS	1.54	0	0.0
F-98	LDR (Pocket Park)	RS/DS	2.01	0	0.0
F-99	LDR (Pocket Park)	R1/DS	2.77	0	0.0
F-100	LDR (Pocket Park)	R1/DS	2.52	0	0.0
F-101	LDR (Pocket Park)	RS/DS	1.11	0	0.0
Fiddymment Total:			1,593.69 1,593.83	5,967 5,868	
W-1	LDR (Age Restricted)	RS/DS	87.08	404	4.6
W-2	LDR (Age Restricted)	RS/DS	59.71	300	5.0
W-3	LDR (Residential)	RS/DS	37.88	198	5.2
W-4	LDR (Residential)	R1/DS	31.82	147	4.6
W-5	LDR (Residential)	R1/DS	22.62	88	3.9
W-6	LDR (Residential)	R1/DS	22.75	77	3.4
W-7	LDR (Residential)	R1/DS	27.92	111	4.0
W-8	LDR (Residential)	R1/DS	43.76	168	3.8
W-10	LDR (Residential)	R1/DS	52.43	245	4.7
W-11	LDR (Residential)	R1/DS	32.39	130	4.0
W-12	LDR (Residential)	RS/DS	18.87	78	4.1
W-13	LDR (Residential)	RS/DS	64.52	310	4.8
W-15	LDR (Residential)	RS/DS	45.15	224	5.0
W-16	HDR (Residential)	R3	12.16	250	20.6
W-17A	LDR (Residential)	RS/DS	14.83	66	4.5
W-17B	LDR (Residential)	RS/DS	14.06	56	4.0
W-17C	LDR (Residential)	RS/DS	15.01	69	4.6
W-17D	LDR (Residential)	RS/DS	13.06	53	4.1
W-17E	LDR (Residential)	RS/DS	11.27	41	3.6

Land Use Plan & Regulations

W-18A	LDR (Residential)	RS/DS	17.60	86	4.9
W-18B	LDR (Residential)	RS/DS	12.62	57	4.5
W-18C	LDR (Residential)	RS/DS	23.09	102	4.4
W-18D	LDR (Residential)	RS/DS	21.50	92	4.3
W-18E	LDR (Residential)	RS/DS	14.2	52	3.7
Parcel	General Plan Land Use (Specific Plan Land Use)	Zoning	Acres	Allocated Units	Density
W-18F	LDR (Residential)	RS/DS	4.54	19	4.2
W-19A	LDR (Residential)	RS/DS	20.32	109	5.4
W-19B	LDR (Residential)	RS/DS	16.61	85	5.1
W-20	LDR (Residential)	R1/DS	1.09	0	0.0
W-27	HDR (Residential)	R3	7.92	170	21.5
W-30	CC (Commercial)	CC	2.99		
W-50A	PR (Park)	P/R	6.52		
W-50B	PR (Park)	P/R	1.92		
W-50C	PR (Park)	P/R	1.21		
W-50D	PR (Park)	P/R	1.23		
W-50E	PR (Park)	P/R	3.11		
W-51	PR (Park)	P/R	4.69		
W-52	PR (Park)	P/R	7.99		
W-55	PR (Park)	P/R	8.39		
W-60A	PR (Sports Complex) LI (Light Industrial)	P/R M1/SA	25.18		
W-60B	LI (Light Industrial)	M1/SA	29.98		
W-61A	IND (Industrial)	M2/SA	26.86		
W-61B	IND (Industrial)	M2/SA	6.00		
W-70	P/QP (Elementary School)	P/QP	8.50		
W-71	P/QP (WWTP)	P/QP	14.99		
W-73	P/QP (Middle School)	P/QP	20.28		
W-74	P/QP (Water Tank)	P/QP	5.36		
W-75	P/QP (Elementary School)	P/QP	9.91		
W-77	P/QP (Well)	P/QP	0.30		
W-81	OS (Open Space)	OS	268.07		
W-82	OS (Open Space)	OS	5.18		
W-83	OS (Open Space)	OS	78.20		
W-85	OS (Paseo)	OS	1.09		
W-87	OS (Paseo)	OS	2.82		
W-88	OS (Paseo)	OS	1.47		
W-89	OS (Paseo)	OS	1.80		
Westpark Total:			1310.82	3,787	
W-21	MDR (VC-Residential)	R3/DS	16.87	138	8.2
W-22	MDR (VC-Residential)	R3/DS	16.61	138	8.3
W-24	MDR (VC-Residential)	R3/DS	12.66	122	9.6
W-25	HDR (VC-Residential / Senior)	R3/DS	12.35	232	18.8
W-26	HDR (VC-Residential)	R3/DS	9.39	154	16.4
W-28	MDR (VC-Residential)	RS/DS	4.0	28	7.0
W-29	MDR (VC-Residential)	RS/DS	4.0	28	7.0
W-32	CC (VC-Commercial)	CC/VC	3.29		
W-33	CC (VC-Commercial)	CC/VC	3.09		
W-53	PR (VC-Park)	P/R	8.98		
W-54	PR (VC-Village Green)	P/R	3.3		
W-72	P/QP (VC-Church)	P/QP/SA-WR	10.85		
Westpark-VC Total			105.39	840	
ROW (Right of Way)			153.62 153.48		
Total:			3,163.52	10,594 10,479	

Notes:

Last Updated: ~~November 19, 2019~~ ~~May 25, 2018 Village Center Project~~

- A verification study conducted in December of 2006 resulted in minor adjustments to the acreage and number of dwelling units.
- The 156 unit allocation on Parcel F-20 includes 36 units transferred from the City's Reserve Unit Pool, as a Residential Density Bonus for affordable housing, approved by CUP-000049 on December 13, 2007.

Table 4-3: Summary of WRSP Applied Zoning Districts

Land Use	Applied Zoning Districts	Permitted Uses	Development Standards
Residential Uses			
LDR – Low Density Residential	R1/DS, RS/DS	Per Zoning Ordinance	Modified by WRSP ¹
MDR – Medium Density Residential	RS/DS, R3/DS	Per Zoning Ordinance	Modified by WRSP ¹
HDR – High Density Residential	R3, R3/DS	Per Zoning Ordinance	Per Zoning Ordinance
Service and Employment Uses			
VC – Village Center	See Section 10	Modified by WRSP ²	Modified by WRSP ²
CC – Community Commercial	CC	Per Zoning Ordinance	Per Zoning Ordinance
LI – Light Industrial	M1/SA-WR	Modified by WRSP ³	Per Zoning Ordinance
IND – General Industrial	M2/SA-WR	Modified by WRSP ³	Per Zoning Ordinance
Open Space and Public Uses			
OS – Open Space	OS	Per Zoning Ordinance	Per Zoning Ordinance
P/R – Parks & Recreation	P/R	Per Zoning Ordinance	Per Zoning Ordinance
P/QP – Public/Quasi-Public	P/QP	Per Zoning Ordinance	Per Zoning Ordinance

Notes:

1. Section 4.2.
2. Village Center Plan (Section 10).
3. Section 4.2, Table 4-6.

Table 5-1: Definition of Household Income Categories

Income Category	Percent of Median Income
Very Low-Income	Less than 50% of Median
Low-Income	51% to 80% of Median
Middle-Income	81% to 100% of Median
Moderate-Income	101% to 120% of Median
Above Moderate-Income	121% + of Median

It is recognized that the various factors that determine affordability continually change, and that project specific affordability standards need to be established and adjusted as development occurs.

5.3 AFFORDABLE HOUSING PROGRAM

Consistent with the General Plan affordable housing goal, ten percent (10%) of the units in the WRSP have been designated for middle-, low- and very low-income households. This includes a mix of purchase housing affordable to middle-income households, and rental housing affordable to low- and very low-income households. Approximately eleven percent (11%) of the affordable housing goal will be available to middle-income residents, forty-nine percent (49%) to low-income residents and forty percent (40%) to very low-income residents. The WRSP affordable housing goal is summarized in Table 5-2.

Table 5-2: Affordable Housing Goal

Total Dwelling Units	<u>10,594 du</u> 10,495 du	
10% Affordable Housing Goal	<u>1,058 du</u> 1,048 du	
Middle-Income (purchase)	<u>118 du</u> 116 du	(11%)
Low-Income (rental)	<u>514 du</u> 510 du	(49%)
Very Low-Income (rental)	<u>426 du</u> 422 du	(40%)

The WRSP affordable housing goal has been allocated to specific MDR and HDR parcels as identified on Table 5-3, with the designated parcels reflected on Figure 5-1. The intent is to distribute affordable units throughout the WRSP area.

Table 5-3: Affordable Housing Allocation

Parcel	Land Use	Total Units in Parcel	Total Affordable Allocation	Very Low-Income Rental	Low-Income Rental	Middle-Income Purchase
W-27	HDR	170	150	89	61	
W-25(Senior)	VC-HDR	232	150	75	75	
Subtotal			300	164	136	
F-6B	HDR	195	195	66	66	63
F-8A	HDR	277	53			53
F-20	HDR	156	154	78	76	
F-22	HDR	207	184	91	93	
<u>F-55A</u>	<u>LDR</u>	<u>99</u>	<u>2</u>			<u>2</u>
Subtotal			<u>588</u>	235	235	<u>118</u>
			<u>586</u>			<u>116</u>
TOTAL			<u>888</u>	399	371	<u>118</u>
			<u>886</u>			<u>116</u>

Note: The WRSP (Section 5.4) allows for the transfer of affordable units. Check with the City of Roseville to confirm current affordable housing allocations.

Last Updated: April 20, 2016, Westbrook Phase 2 & 3

1. The obligation for 162 affordable units was transferred from WRSP Parcel W-16 to the Sierra Vista Specific Plan via specific plan amendments approved in 2016. This obligation, combined with the affordable allocation identified in Table 5-3 above, meets the total affordable housing goal identified in Table 5-2.
2. The obligation for 8 additional affordable units generated by the Parcel F-55 GPA/SPA/Rezone actions would be satisfied per the terms outlined in the Development Agreement, which combined with the affordable allocation identified in Table 5-3 above, meets the total affordable housing goal identified in Table 5-2.

A Supplemental Affordable Housing Development Agreement (or substitute form as specified by the City) is required for each parcel with an affordable housing allocation to detail and secure specific requirements and obligations. Among other provisions, the Supplemental Affordable Housing Development Agreement will:

- Specify the number of affordable units to be reserved at each income level;
- Specify the term of the affordability obligation;
- Set initial rent or purchase prices for the designated affordable units;
- Establish criteria and a basis for annual rent or purchase price increases;
- Provide the City with a mechanism to monitor actual rents and purchase prices paid; and
- Identify any City or other subsidies required to assist in meeting the affordability requirement and, if applicable, the basis and terms for refunding such subsidies.

Supplemental Affordable Housing Development Agreements require City approval prior to the issuance of building permits, or recordation of a final map where a subdivision map is required, for any large-lot WRSP parcel with an affordable housing allocation.

8.3 SCHOOLS

The WRSP is within the boundaries of the Roseville City School District (grades K-8) and Roseville Joint Union High School District (grades 9 to 12). The Plan Area will generate an estimated 2,668 ~~2,635~~ elementary school (K-5) students, 923 ~~912~~ middle school (6-8) students and 1,320 ~~1,303~~ high school (9-12) students, as shown on Table 8-2.

Table 8-2: Student Generation

	LDR/ MDR ¹	HDR ²	Students Generated	School Capacity	Schools Required
Roseville City School District					
Grades K-5	0.3329	0.1118	<u>2,668</u> 2,635	600	<u>4.45</u> 4.39
Grades 6-8	0.1164	0.0352	<u>923</u> 912	1,000	<u>0.92</u> 0.91
Roseville Joint Union High School District					
Grades 9-12	0.1700	0.0400	<u>1,320</u> 1,303	1,800	<u>0.73</u> 0.72

1. 7,184 ~~7,085~~ LDR/MDR units and 2,473 HDR units assumed. 936 age-restricted units not included.
2. Source: Roseville City School District Student Generation Report dated February 28, 2013.

Within the WRSP, four elementary school sites, a minimum of eight and up to ten acres each, are planned (Parcels W-70, W-75, F-70, F-71). One elementary school is located in each phase of the project. In addition, a 20.28-acre middle school (Parcel W-73) is planned northeast of the Village Center south of Pheasant Run. All elementary and middle schools are located adjacent to neighborhood park sites to promote joint use opportunities and create a local activity amenity.

A 52.85-acre high school site (Parcel F-72) is located in the central portion of the WRSP, west of Hayden Parkway adjacent to the Regional Sports Park. The high school and sports park are part of the WRSP Activity Core, providing for education, active and passive recreation, joint use opportunities and community activity. The high school is anticipated to serve students generated both within and outside the Plan Area.

School sites within the WRSP are reserved for the school districts. Facility planning and the sequencing of development of these sites is to be determined by the districts. The WRSP is required to fully mitigate school impacts in accordance with the Specific Plan development agreements and funding agreements with the respective school districts.

WRSP School sites are reflected on Figure 8-2.

8.4 PARKS AND RECREATION

Approximately thirty percent (30%) of the WRSP is planned for park and open space use. The parks and open space program provides for a range of active and passive recreational opportunities that exceed the City's General Plan requirement of 9 acres of parkland per 1,000 residents. The WRSP includes: active neighborhood, community and regional park sites; and credited open space and paseo areas. Construction of park and recreation facilities as described in this document is dependent upon adequate construction and long-term maintenance funding.

The placement and sizing of parks is reflective of community need, General Plan policy, proximity to users, ability to promote joint use activities, and existence of natural resources such as floodplain, oak woodland and vernal pool preservation. Parks are generally located within neighborhoods creating a local focal point and activity amenity. In addition, when feasible, park sites have been located adjacent to or connected with open space areas. The resulting interconnected open space and park network provides for pedestrian and bicycle access throughout the WRSP with connections outside the Plan Area.

The general location of WRSP parks and open space is included on Figure 8-2. Details relating to dedication, operation, funding, phasing and construction is included in the Specific Plan development agreements.

☐ CITY OF ROSEVILLE PARK AND RECREATION REQUIREMENTS

The WRSP provides recreation facilities, parkland and open space to comply with the policies and requirements of the City's General Plan Parks and Recreation Element. The General Plan requires the provision of nine (9) acres of parkland per 1,000 residents. The General Plan requirement is comprised of three (3) acres of city-wide park, three (3) acres of neighborhood and community park, and three (3) acres of credited open space.

The ~~10,594~~ ~~10,495~~ dwelling units in the WRSP will generate an estimated population of ~~26,222~~ ~~25,964~~ residents based on an average household size of 2.54 residents for conventional (non age-restricted) development and 1.8 residents for age-restricted development. The City's requirement of nine (9) acres per 1,000 residents requires a total of ~~235.99~~ ~~233.68~~ credited acres of parkland in the Plan Area. WRSP park dedication requirements are summarized in Table 8-3.

Table 8-3: Park Dedication Requirements

	General Plan Standard	Acreage Required
City-wide Park	3 acres per 1,000 residents	78.66 77.89 acres
Neighborhood/Community Park	3 acres per 1,000 residents	78.66 77.89 acres
Open Space	3 acres per 1,000 residents	78.66 77.89 acres
Total Parkland	9 acres per 1,000 residents	235.99 233.68 acres

☐ **CREDITED PARKLAND AND OPEN SPACE**

The WRSP designates a total of ~~956.19~~ ~~955.50~~ acres in park and open space uses. This total includes 250.78 acres of active neighborhood and city-wide parkland, and ~~705.58~~ ~~704.72~~ acres of open space and paseo. Of the ~~250.21~~ ~~250.78~~ acres of active parkland, ~~170.14~~ ~~170.69~~ acres are designated for city-wide park and 80.07 acres for neighborhood parks. Each acre set aside for active park use is credited as a full acre towards meeting the General Plan park dedication requirement.

In addition to meeting the City's standards for active parkland, the WRSP provides additional passive recreation opportunities in the form of open space areas. Partial credit may be granted for open space areas that include non-traditional informal recreational facilities and open space amenities. Each acre set aside for open space and paseo is credited at 0.10 acre (one acre of credit for each 10 acres dedicated) with the exception of the 47.18 acre creek corridor conservation easement in F-54 Park, which is credited 0.20 (one acre for each 5 acres of easement area). In total, the ~~956.19~~ ~~955.50~~ acres of parks and open space provided in the WRSP are granted a credit of ~~283.06~~ ~~283.54~~ acres towards meeting the General Plan park dedication requirement. This credit exceeds the dedication requirement for the WRSP by ~~47.07~~ ~~49.86~~ acres. A summary of WRSP park and open space credits is included on Table 8-4.

☐ **CREDITED PARK DESCRIPTIONS**

The following provides a brief overview of the various components that constitute the WRSP credited park and open space program. Park sites within the WRSP have been designed to include facilities required by the Parks Vision 2010 Master Plan. Additional detail relating to those parks within the Village Center is included in Section 10, Village Center Plan.

Table 8-4: Summary of Park and Open Space Lands and Credits

Parcel	Type	Acreage	Credit Ratio	Credited Acreage
CITY-WIDE PARKS				
F-54	City-wide Park portion	48.38	1:1	48.38
F-55B	City-wide Park	4.03 29.80	1:1	4.03 29.80
F-56	City-wide Park	45.35	1:1	45.35
W-60A	City-wide Park	<u>25.20</u>	<u>1:1</u>	<u>25.20</u>
Subtotal		122.96 123.53		122.96 123.53
NEIGHBORHOOD/COMMUNITY PARKS				
F-50	Neighborhood Park	7.79	1:1	7.79
F-51	Neighborhood Park	11.84	1:1	11.84
F-52	Neighborhood Park	6.33	1:1	6.33
F-53	Neighborhood Park	6.31	1:1	6.31
W-50A-E	Neighborhood Parks	13.99	1:1	13.99
W-51	Neighborhood Park	4.74	1:1	4.74
W-52	Neighborhood Park	7.99	1:1	7.99
W-53	Neighborhood Park (VC)	8.98	1:1	8.98
W-54	Neighborhood Park (VC)	3.71	1:1	3.71
W-55	Neighborhood Park	8.39	1:1	8.39
Subtotal		80.07		80.07
OPEN SPACE				
F-54	Open Space portion	47.18	0.2:1	9.44
F-80	Open Space	131.84	0.1:1	13.18
F-83	Open Space	59.17	0.1:1	5.92
F-84	Open Space	81.22	0.1:1	8.12
F-85	Open Space	26.92	0.1:1	2.69
F-86 A, B, C	Open Space	13.80 12.94	0.1:1	1.38 1.29
F-87	Open Space	8.98	0.1:1	.90
F-88	Open Space	18.31	0.1:1	1.83
F-89	Open Space	0.74	0.1:1	0.07
W-81	Open Space	267.22	0.1:1	26.72
W-82	Open Space	5.18	0.1:1	0.52
W-83	Open Space	78.27	0.1:1	7.83
F-90 A, B, C	Paseo	1.80	0.1:1	0.18
F-91 A, B, C	Paseo	2.49	0.1:1	0.25
F-92 A, B	Paseo	1.44	0.1:1	0.14
F-93	Paseo	0.93	0.1:1	0.09
W-85	Paseo	1.08	0.1:1	0.11
W-87	Paseo	2.93	0.1:1	0.29
W-88	Paseo	1.46	0.1:1	0.15
W-89	Paseo	2.20	0.1:1	0.22
Subtotal		753.16 751.90		80.03 79.94
TOTAL		956.19 955.50		283.06 283.54

CITY-WIDE PARKS

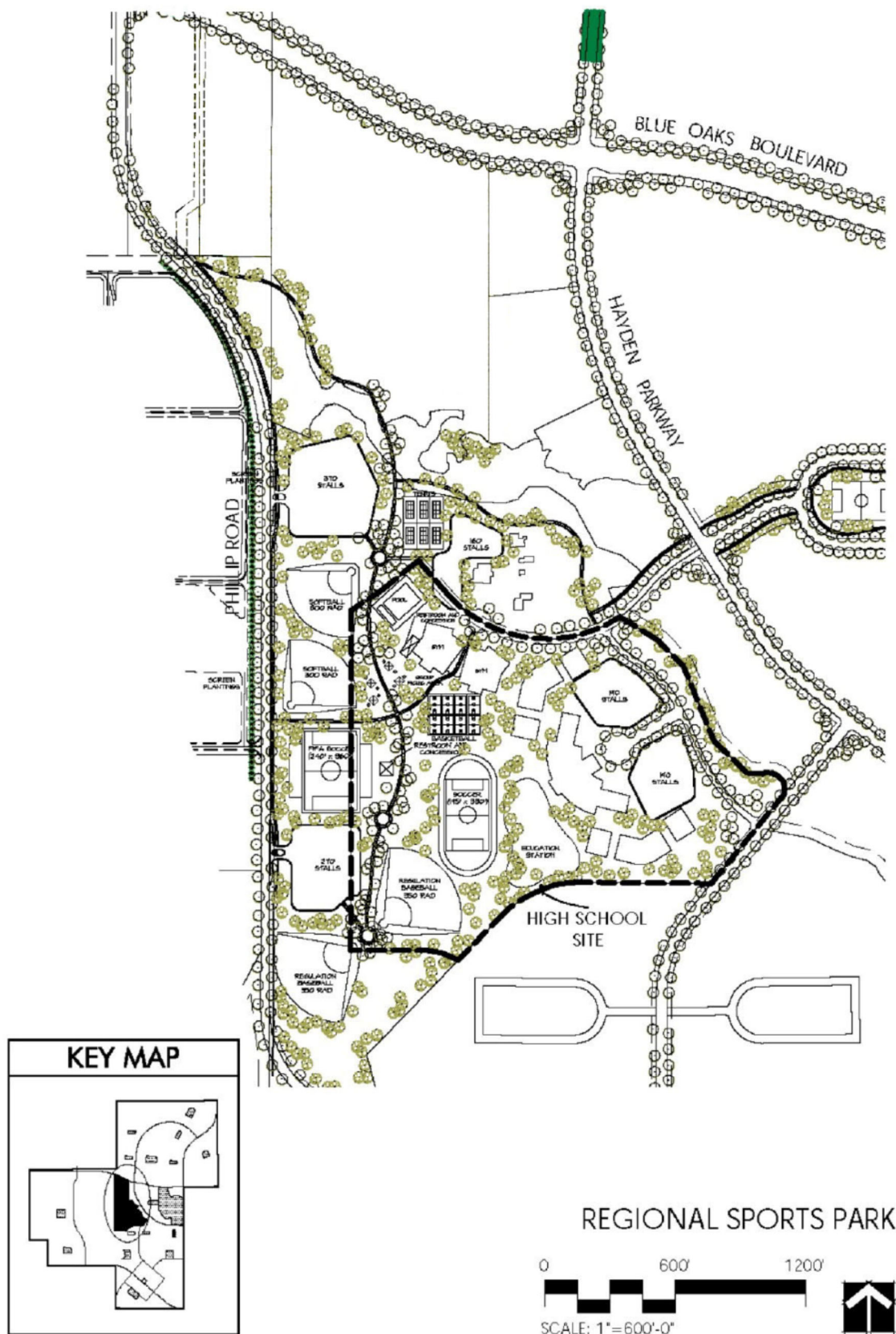
The WRSP includes ~~three~~ two city-wide parks, F-54, ~~and the F-55 & F-56, and W-60A~~. These parks, combined with the adjacent high school site, form the WRSP Activity Core as described in Community Form and Planning Principles, Section 3. Strong interconnectivity between these facilities is important to support joint use and community activity. A continuous greenway comprised of park and open space will connect F-54 Park, the ~~F-55/F-56~~ Park and the high school site. The greenway includes a Class I bike path connection from the Regional Sports Park east through open space (Parcel F-86), to Park F-53 and to F-54 Park.

F-54 is a 95.56-acre city-wide park located south of Blue Oaks Boulevard and west of Fiddymont Road. Fiddymont Park may potentially contain a variety of active and passive recreation opportunities at buildout including bike and pedestrian paths, an outdoor bandstand area, activity greens, a disc golf course and a small multi-purpose center. A City groundwater well site will also be included. The park encumbers the highest concentration of oak woodlands within the WRSP, and will be highly visible as an entry to the Plan Area. A 47.18 acre conservation easement is designated to protect the oak woodlands along Kaseberg Creek, leaving 48.38 acres to be developed with more active uses, and different credit ratios are applied by Table 8-4. Figure 8-3 provides a conceptual plan for F-54 Park. Included is a listing of WRSP fee improvements and potential future amenities not associated with development of the WRSP.

~~**F-55 & 56-F-56**~~ is a ~~45.35~~ 75.15-acre city-wide park located adjacent to the high school site, south of Blue Oaks Boulevard between Phillip Road and Hayden Parkway. Included on the property is the historic Fiddymont Ranch Main Complex (see Resource Management, Section 6.4). ~~The Sports Park is envisioned as a regional facility available for tournaments and local league play. The combined Regional Sports Park~~ This park and adjacent high school site will include various recreational joint use facilities such as soccer fields, baseball fields, a lighted soccer/football stadium, tennis courts, softball fields, an outdoor swimming pool, basketball courts and a 400 meter track. The combined ~~Regional Sports P~~ark/high school site includes a concession area with restrooms, outdoor seating and parking lots. Figure 8-4 provides a conceptual plan and listing of potential improvements for the Regional Sports Park.

W-60A is a 25.20-acre city-wide park located along Westbrook Boulevard, between Pleasant Grove Boulevard and Blue Oaks Boulevard. This site is envisioned to develop as a Regional Soccer Complex available for tournaments and local league play. Planned amenities include approximately six, lighted adult long fields for sports such as soccer and lacrosse. Planned site features also include a concession area, restrooms, parking, and ancillary amenities. Figure 8-4a provides a conceptual plan and listing of potential improvements for the Regional Sports Park.

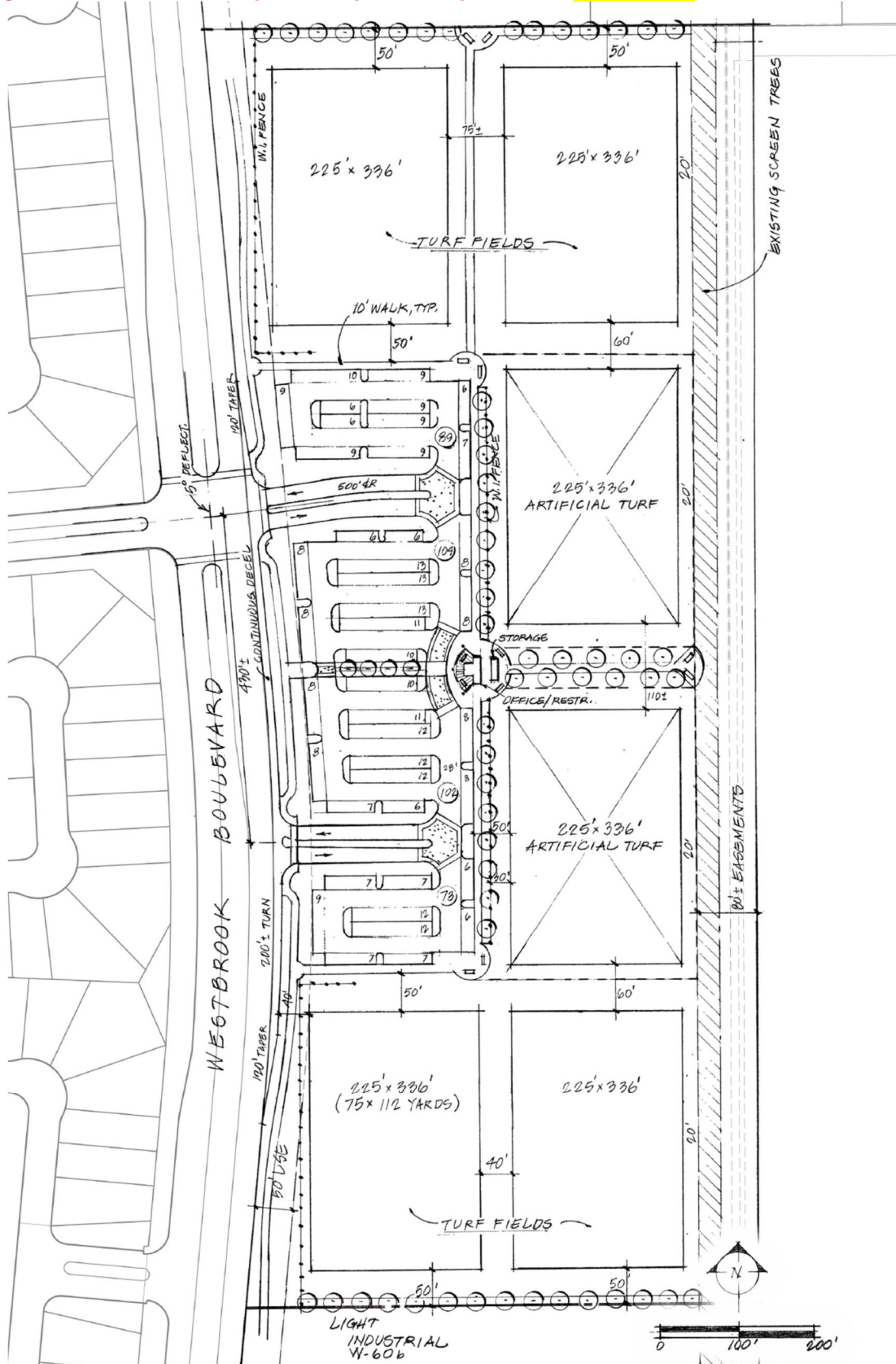
Figure 8-4: Regional Sports Park Conceptual Plan [REVISED FIGURE]



Note: Underlying parcel basemap used in this figure is not regularly updated.

Refer to Table 4-1 for the most up to date parcel basemap.

Figure 8-4a: Parcel W-60A Sports Complex Conceptual Plan [NEW FIGURE]



**DEVELOPMENT SERVICES DEPARTMENT – PLANNING DIVISION**

311 Vernon Street, Roseville, CA 95678 (916) 774-5276

MEMORANDUM

To: Planning Commission**From:** Shelby Vockel, Associate Planner**Date:** February 27, 2020**Re: WRSP PCL F-55 and W-60a – Public Comments on Project, File # PL19-0180**

The purpose of this memorandum is to provide the Planning Commission with public comments that were received by staff for the WRSP PCL F-55 and W-60a General Plan Amendment, Specific Plan Amendment, Rezone, Development Agreement, Large Lot Tentative Parcel Map, Small Lot Tentative Subdivision Map, and Tree Permit project (File # PL19-0180).

Please note that the email from Ms. Ariel Banister contains a link to a video comment. This video was distributed via email to members of the Planning Commission by Planning staff on February 25, 2020. The video is a part of the public project record and can be made available upon request.

From: [Jan Brenner](#)
To: [Vockel, Shelby](#)
Subject: Regarding the General Plan Amendment, Rezoning, Tentative Subdivision, Tree Permit, and Development Agreement; WRSP Pcl F-55 and Westpark WRSP Pcl W-60a and a portion of W-60b). Also, Purchase and Sale Agreement for WRSP PCL F-55 and PCL-W60a
Date: Monday, February 17, 2020 10:02:35 AM

EXTERNAL: This email originated from outside of the organization. Do not click on any links or open attachments unless you recognize the sender and know the content is safe.

Dear Shelby,

I am writing to you to please reconsider the General Plan and dial back the plan to keep more open space and not cut down any oak trees.

It is a shame that so much open space is being encroached upon and being jeopardized by large scale developers.

I'm hoping that the plan could be modified and scaled back.

Thank you for you time.

Jan Brenner

Vockel, Shelby

From: Ariel Banister <abaniste@gmail.com>
Sent: Monday, February 24, 2020 4:23 PM
To: Vockel, Shelby
Subject: Re: Public Comment for F-55

EXTERNAL: This email originated from outside of the organization. Do not click on any links or open attachments unless you recognize the sender and know the content is safe.

Hi Shelby,
Here is a 3 min. video I hope to be played at the Meeting. It is me discussing the key points of why I believe this area is unique and special, how the current zoning was well thought out and how Parcel F-55 as part of the "Activity Core" is a key component of the WRSP, and how the Regional Sports Complex compliments the current zoning with the Open Space.

Thank you,
Ariel Banister

It is on Google Drive because I don't think I could attach the video.

https://drive.google.com/file/d/1X2VJl4yyMg_hM2ElKcJ9f9ruv6TW87eC/view?usp=sharing

I sent you a link directly that should give you more access.

On Fri, Feb 21, 2020 at 3:51 PM Vockel, Shelby <SVockel@roseville.ca.us> wrote:

Good afternoon Ariel,

Here is some additional info for your comment submittal on the F-55 project. As I mentioned, there is also a summary of your concerns included in the staff report. Any additional commentary you provide will elaborate upon those concerns, and will be considered by the Planning Commission. Thank you for reaching out and being a part of the process!

The most effective way to share your comments with the Planning Commission will be to email them at PlanningCommission@roseville.ca.us. If you would like to share a letter or a video with members of the Commission, you can send it to them that way. Please copy me on anything you send them, as that will help me make sure that the comment is included in the project record.

If you would like a video to be played at the public hearing, it will need to be submitted to me by no later than close of business this upcoming Monday. A letter explaining the impact or content of the video would be helpful. The video will be reviewed for content by City staff prior to being played at the hearing, and will not be played if the content is found to be inappropriate. Public testimony is limited to a maximum of three minutes.

If you have any additional questions, please feel free to reach out. I'm happy to assist you.

Sincerely,

Shelby Vockel

Associate Planner

Development Services - Planning

o: (916) 746-1347

f: (916) 774-5129

Working together to build a quality community.

Civic Center | 311 Vernon Street | Roseville, CA | 95678



Vockel, Shelby

From: Jasmin <jasmin.curiel@yahoo.com>
Sent: Tuesday, February 25, 2020 6:54 PM
To: Vockel, Shelby
Subject: Proposed Rezoning of Meadow behind Sienna Apartments F-55

EXTERNAL: This email originated from outside of the organization. Do not click on any links or open attachments unless you recognize the sender and know the content is safe.

Dear Shelby,

I viewed a message post on our Fiddymment Nextdoor page regarding the proposed rezoning of F-55 that is currently for a park but is being reviewed to change to a subdivision. I wanted to bring to your attention and to the rest of your commission members that your decisions to rezone or approve numerous building permits of homes and apartments has tremendously impacted local schools which has led to recent rezoning proposals for elementary and middle schools to address the increase in numbers. I have lived in zone 462 off of Hayden Parkway for over 10 years and my children are being impacted by rezoning and will now be forced to move from Orchard Ranch to Riego Elementary, when Orchard was our home school. Please do not change the land parcel from a park to a subdivision. Our children have been impacted enough already with school rezoning and there is no plan to build another middle school in the area for another 10-20 years. Children are being moved around from schools close to their homes because of poor decisions made by the local planning commission, their lack of coordination with Roseville School District and City Adventure Clubs. There is a currently a lot of parents fighting the rezoning of schools that will also fight this parcel change as well. Don't let us down again. The same home builders you all approved to build more homes/appts have told new home buyers lies about where their children would go to school. We have been rezoned so many times after talking with other families in the area that have older children that were impacted before us. I thought you are all supposed to be making decisions that support your community not impact us in a negative way. Our community needs parks and we also need to preserve natural habitats that the native animals live in since their land is constantly being over developed and pushed out. I will try to attend the meeting on February 27th. Can you provide the time and location? Thank you in advance for your consideration of my feedback.

Sincerely,

Jasmin Perrigo
(530) 570-9594

Sent from my iPhone

Vockel, Shelby

From: Ryan Nunn <ryanmnunn@yahoo.com>
Sent: Wednesday, February 26, 2020 8:06 PM
To: Vockel, Shelby
Subject: About the rezoning

EXTERNAL: This email originated from outside of the organization. Do not click on any links or open attachments unless you recognize the sender and know the content is safe.

I don't think we need anymore homes at the end of blue oaks in West Roseville. What we need or more stores and parks and bus stops. The nearest store and bus stops is like 2 to 3 miles away and for me that's a long distance to go because I don't drive . I really like where I live because it is safe. Please develop this area without anymore homes.

Ryan nunn

[Sent from Yahoo Mail on Android](#)

Vockel, Shelby

From: Ariel Banister <abaniste@gmail.com>
Sent: Thursday, February 27, 2020 4:29 PM
To: Planning Commission
Cc: Vockel, Shelby
Subject: Re: Zoning change to Parcel F-55

EXTERNAL: This email originated from outside of the organization. Do not click on any links or open attachments unless you recognize the sender and know the content is safe.

To: Planning Commissioners of the City of Roseville and Project Planner

Re: Plan to Develop the Meadow next to the new High School-currently zoned as a Park.
POSITION: AGAINST CHANGING THE ZONING for Parcel F-55

I have sent a video to be played at the Roseville City Council Meeting February 27, 2020 to review a General Plan Amendment, Rezoning, Tentative Subdivision, Tree Permit, and Development Agreement of the meadow behind Siena Apartments. Currently the meadow area is zoned as a Park. Under the current zoning, it would probably include a new sports complex adjacent to the new high school being completed currently.

I am a permanent resident in the Siena Apartment complex, and my unit faces the meadow. I appreciate that the meadow is a unique feature to a suburb that provides a general open area for community gathering. With careful planning, I believe the sports complex can retain some of the natural landscape and provide a place for people to go that is neither Open Space or a park that is completely artificially maintained with no real nature. I am extremely concerned about this proposed change to the zoning with all the potential and planned developments this change would bring. The City of Roseville is expanding in all possible directions. Maintaining the current zoning of this area is essential to the long-term quality of life for Roseville residents. It also provides a natural habitat for numerous wildlife (I see cranes, ducks, hawks, white owls, bats) and plant species (Blue Oaks are a defining characteristic of this area), and all of this is right along a creek with a VERY small buffer zone. This would greatly damage the ecosystem here.

My thoughts on how this does not fit into the General Plan for West Roseville:

-The original WRSP puts this parcel **as one of the two that make up the "Activity Core"** near the High School that connects with the other "Activity Core"-Fiddymont Park. See Figure 3-1 on this document "Community and Planning Principles", Section 3 of the WRSP.

Under "Community Form", Section 3.1 of the WRSP states:

"The primary elements that comprise the form of the WRSP land use plan include: the **Community Focal Points (Village Center and Activity Core)**; Residential Neighborhoods; a hierarchy of Service and Neighborhood Nodes; the Employment District; and the City Edge." A composite of the WRSP form elements is reflected on Figure 3-1.

The **"Activity Core"** and the "Village Center" are meant to be the two main "Focal Points" of the whole plan (Page 3-3). I don't believe this rezoning stays with that same value of keeping this General Plan intact.

Page 3-7 under the section "Planning Principles" states:

- Encourage the concentration of recreation, education, service, public and community activities, as focal points of the community including:
 - o -Development of a mixed use Village Center that incorporates “Smart Growth” principles and that is modeled as a traditional hub of services, activity and people gathering;
 - o -Creation of a central Activity Core that includes two regional parks (Regional Sports Park and Fiddymment Park) and a high school; and
 - o Provision of adequate school facilities to serve students generated in the WRSP.

The Description of the “Activity Core” under the “Community Focal Points” states:

“Activity Core - The City’s Regional Sports Park is planned east of the Pleasant Grove Wastewater Treatment Plant, encompassing a portion of the required 1000-foot non-residential buffer. Immediately to the east of the Regional Sports Park is a planned high school site, and further to the east and close by, Fiddymment Park. The central proximity of these facilities, along with the inclusion of multiple vehicular, pedestrian and bicycle connection points, are intended to facilitate accessibility between facilities and to nearby residents. Combined, the park, school and adjacent open space areas generate a distinct central core of active and passive recreation, education, joint use opportunities, and community activity. The Activity Core will draw users from both within and outside the WRSP.”

Also, in Section 2 of the WRSP- Under “Factors that Influence the Specific Plan”, it states:

- - Regional Sports Park – The desire to create a regional sports park to accommodate citywide need and utilize a portion of the PGWWTP non-residential buffer area;
- -Schools - The need to provide for a new high school site to house students generated both within and outside the WRSP, and the opportunity to support joint use with the adjacent Regional Sports Park and nearby Fiddymment Park. In addition, the need to provide for new elementary schools and a middle school to house students from the WRSP and provide additional joint use opportunities;

Other important reasons to keep the current zoning:

- keep it near the high school, providing needed space for young people to go. Fiddymment Farm and Siena Apartments have many children and teenagers.
- Cannot cut down more Blue Oaks here, there are hardly any left in visible areas where people can go-not just Open Space areas.
- Connect the OS area (F-85) visually with the Park/High School area. People don't want to live where things are too crowded.
- There are many LDR areas very nearby. There is a great need for more community gathering-something very important to West Roseville, and no need for more housing.

Videos of Parcel F-55

<https://drive.google.com/open?id=1GGgJyiud5FmjXfvjWYwYERrvWCzn-k6X>

The developers of Low-Density Residential regions will take advantage of all potential uses of the area, thus losing forever this pristine and beautiful asset to the city. The intention to cut down at least four Blue Oaks (possibly five) plus a Valley Oak and make an encroachment onto the dripline of two more Blue Oaks is a big deal. As you can see in the video footage I provided, each tree is huge and plays a big part in the nature of the area. The street name Blue Oaks Boulevard implies the presence of Blue Oaks.

Roseville will be developed regardless of how this parcel is handled. It is not economically nor esthetically essential to destroy this property. The General Plan as it stands must be followed.

Respectfully,

Ariel Banister
2501 Hayden Pkwy. Apt. 912
Roseville, Ca 95747
abaniste@gmail.com



 DEVELOPMENT SERVICES DEPARTMENT-PLANNING DIVISION

311 Vernon St, Roseville, CA 95678 (916) 774-5276

**ADDENDUM TO THE WEST ROSEVILLE SPECIFIC PLAN
ENVIRONMENTAL IMPACT REPORT (SCH # 2002082057, CERTIFIED
FEBRUARY 2, 2004) AND THE FIDDYMENT RANCH SPECIFIC PLAN
AMENDMENT 3 SUBSEQUENT ENVIRONMENTAL IMPACT REPORT
(SCH # 2010082075, CERTIFIED APRIL 16, 2014) FOR THE WRSP PCL
F-55, W-60A GENERAL PLAN AMENDMENT, SPECIFIC PLAN
AMENDMENT, REZONE, TENTATIVE PARCEL MAP, SMALL LOT
TENTATIVE SUBDIVISION MAP, TREE PERMIT, AND DEVELOPMENT
AGREEMENT (FILE # PL19-0180)**

Project Title/File Number:	WRSP PCL F-55, W-60A – General Plan Amendment, Specific Plan Amendment, Rezone, Tentative Parcel Map, Small Lot Tentative Subdivision Map, Tree Permit, and Development Agreement, File # PL19-0180
Project Location:	2401 Blue Oaks Bl.(APN 492-012-004-000) and 2600 Westbrook Bl. (APN 496-020-033-000)
Project Description:	Adoption of Amended West Roseville Specific Plan; Approval of General Plan Amendment and Rezone; Approval of Development Agreement; Approval of Tentative Maps; Issuance of Tree Permit; and Abandonment of Park
Project Applicant:	John Tallman, West Roseville LLC
Property Owner:	City of Roseville, West Roseville LLC
Lead Agency Contact:	Shelby Vockel, Associate Planner

An addendum to a previously certified environmental impact report (EIR) may be prepared for a project if only minor technical changes or additions are necessary or none of the conditions calling for the preparation of a subsequent EIR have occurred (California Environmental Quality Act Guidelines [CEQA] Section 15164). Consistent with CEQA Guidelines Section 15164, the below analysis has been prepared in order to demonstrate that none of the conditions described in Section 15162 of the CEQA Guidelines calling for preparation of a subsequent EIR have occurred and that only minor technical changes or additions are necessary in order to deem the certified EIR adequate to describe the impacts of the proposed project CEQA Guidelines Section 15164 also states that an addendum need not be circulated for public review, but can be included in or attached to the certified EIR for consideration by the hearing body. This Addendum focuses only on those aspects of the project or its impacts which require additional discussion.

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PROJECT DESCRIPTION

Documents discussed below include:

- Current West Roseville Specific Plan (WRSP);
- 2004 WRSP;
- 2004 WRSP Environmental Impact Report (2004 WRSP EIR);
- 2014 Fiddymment Ranch Specific Plan Amendment 3 (2014 SPA3);
- 2014 SPA3 Subsequent EIR (2014 SPA3 SEIR); and
- 2020 WRSP Amendments for Parcels F-55 and W-60a (2020 WRSP Amendment) (revised pages, included herein as Attachment 1).

For detailed project location, background, environmental setting, and project descriptions—as originally proposed and as currently proposed for modification—refer to the 2004 WRSP (Chapters 1 and 4), the 2004 WRSP EIR (Chapters 1 and 2), the 2014 SPA3 EIR (Chapter 3), and the 2020 WRSP Amendment. Information on where to find copies of these documents is included in the Purpose and Scope of Addendum section below.

Project Location

The WRSP (project) site is located in western Placer County, within the City of Roseville (City), near the intersection of Fiddymment Road and Blue Oaks Boulevard, generally north of Pleasant Grove Boulevard. (See 2004 WRSP EIR, p. 3.-1). Proposed modifications to the project (known hereafter as “proposed project”) will occur on two parcels, F-55 and W-60a, located on the WRSP project site. Parcel F-55 is an approximately 29.8-acre parcel located at 2401 Blue Oaks Boulevard, on the south side of Blue Oaks Boulevard, west of Hayden Parkway. Parcel W- 60a is approximately 25.20 acres in size and is located at 2500 Westbrook Boulevard, on the east side of Westbrook Boulevard, to the south of Philip Road.

Background

2004 West Roseville Specific Plan and Subsequent Amendments

The WRSP project site includes 3,162 acres in the northwest portion of the City. As part of the original project, the WRSP area was annexed into the City of Roseville from unincorporated Placer County. The WRSP was originally approved with 8,430 dwelling units on approximately 1,755 acres with approximately 177 acres of service and employment land uses and 1,231 acres of open space and public land uses. (2004 WSRP, p. 4-1.) All 29.8 acres of parcel F-55 was approved for zoning as Park and Recreation (PR) and use as a sports complex. (Id., pp. 4-2 to 4-3.) Parcel W-60a was originally a part of parcel W-60, a 34.3-acre site approved for industrial uses. Parcel W-60a was created through a subsequent WRSP amendment, which resulted in approval for the approximately 25.2 acres of industrial use now available on the parcel (see below for more detail on subsequent WRSP amendments). (Ibid.) The WRSP was approved by the City in February 2004. The City prepared and certified the WRSP EIR at that time. (2004 WRSP EIR, pp. 3-1 to 3-2.)

As the plan area has developed over time, the WRSP was amended to adjust the land use mix and dwelling unit allocations. From August 2004 through now, the WRSP has been amended a number of times, with the most recent update to the land use summary table occurring in May 2018. (See WRSP, pp. cover, 11-6, 4-2.) All amendments, minor revisions, and subsequent projects proposed for the project site were reviewed for consistency with the WRSP to determine if additional environmental review was required under CEQA. (WSRP, pp. 11-5 to 11-6.) One such subsequent environmental review occurred in 2014 with the Fiddymment Ranch Specific Plan Amendment 3 (SPA3), discussed below.

2014 Fiddymment Ranch Specific Plan Amendment 3

In 2014, the City approved SPA3, after review and certification of the subsequent EIR prepared for the amendment. (2014 SPA3 SEIR, pp. 2-1 to 2-5.) SPA3 amendments included a change in land use allocations on approximately 805 acres in the northern portion of the 1,678-acre Fiddymment Ranch area of the WRSP to accommodate up to 1,661 additional residential units. (2014 SPA3 SEIR, pp. 3-6 to 3-8, 3-12, 3-16.) These amendments are relevant here because parcel F-55 was included within the 805-acre project site for SPA3, although its land use and zoning remained unchanged. Parcel W-60a was not included in SPA3 analysis because it was not within the impacted area. (Id., p. 3-7.)

Current West Roseville Specific Plan Approved Development

As currently approved with amendments adopted since 2004, discussed above, the WRSP includes 10,495 single and multi-family units on approximately 1,765 acres of Residential, approximately 55 acres of Commercial, 88 acres of Industrial, 255 acres of Park, 705 acres of Open Space, 111 acres of Schools, and 25 acres of other Public use. (WRSP, p. 4-2.)

Environmental Setting

The parcels affected by the proposed project are located within the WRSP, which is a developing area in the City of Roseville. The two parcels, F-55 and W-60a, are approximately 2,175 feet from one another, separated by the Pleasant Grove Wastewater Treatment Plant.

Parcel F-55

Parcel F-55 is approximately 29.80 acres. The site is currently vacant land. The site is comprised of gently sloping terrain, with a high point near the southern portion of the site. Much of the site is populated by non-native annual grasses. Twelve oak trees are located on the project site, primarily near the open space parcel for Coyote Creek to the south of the project site. (See Arborist Report and Tree Inventory Summary for parcel F-55 dated February 22, 2019, included herein as Attachment 2.) To the north of the site, and north of the future section of Blue Oaks Bl., there is an open space parcel to accommodate the riparian habitat for Pleasant Grove Creek.

Presently, Blue Oaks Blvd. from Hayden Parkway, west to the intersection of Westbrook Blvd, is under construction and expected to be complete by the spring 2020. Completion of this roadway will provide the primary access to parcel F-55.. The intersection of Blue Oaks Bl. and Hayden Pw. is located to the east of the site. A high density apartment complex is adjacent to the southeastern portion of the site, with a vacant parcel zoned for commercial use along the northeast portion of the site.

Location	Zoning	General Plan Land Use	Actual Use of Property
Site	PR	Parks and Recreation (PR)	Vacant
North	OS	Open Space (OS)	Open Space
South	OS	Open Space (OS)	Open Space
East	CC, R3	Community Commercial (CC), High Density Residential (HDR)	Vacant commercial site, apartment complex
West	P/QP	Public/Quasi-Public (P/QP)	City utility sites (Roseville Energy Park, Pleasant Grove wastewater treatment plant)

Parcel W-60a

Parcel W-60a is approximately 25.20 acres in size and is currently undeveloped. Westbrook Bl. and a single-family residential neighborhood borders the site to the west. City-owned parcels, with Parks and Recreation (PR) and Public/Quasi-Public (P/QP) zoning designations, are located to the north. A city wastewater treatment plant is located immediately to the east of the parcel. An industrial property, W-60b, is currently undeveloped to the

south of the project site. The parcel is comprised of flat terrain and is populated by non-native annual grasses. Landscape trees used for the screening of the wastewater treatment plant are located along the eastern boundary of the site. Access to the parcel is available along Westbrook Bl. and Phillip Rd.

Location	Zoning	General Plan Land Use	Actual Use of Property
Site	M1/SA	Light Industrial (LI)	Vacant
North	PR	Parks and Recreation (PR)	Vacant
South	M1/SA	Light Industrial (LI)	Vacant
East	P/QP	Public/Quasi-Public (P/QP)	Wastewater treatment plant
West	RS/DS	Low Density Residential (LDR)	Single-family residential

Proposed Project

For a detailed description of the project as originally proposed, refer to the 2004 WRSP EIR (Chapter 2). For a detailed description of the 2014 amended project, refer to the 2014 SPA3 EIR (Chapter 3). Also, refer to the Background section above.

The following elements constitute the project as modified, collectively known as the proposed project.

Adoption of Amended WRSP: The proposed project includes amendments to the WRSP that will require adoption by the City. The proposed amendments would modify the existing land uses and zoning on parcels F-55 and W-60a. Currently, parcel F-55 is approved for development of a regional sports park and has a land use and zoning designation of Parks and Recreation (PR). Parcel W-60a is approved for light industrial development and has a Light Industrial (LI) land use designation and a M1/SA (Manufacturing/Special Area overlay) zoning designation. The proposed project would modify the WRSP to permit the following:

- Relocation of the regional sports park from parcel F-55 to W-60a.
- Change in light industrial land use (LI) on parcel W-60a to a park land use (PR).
- Splitting parcel F-55 into several separate parcels, each with a different land use designation and zone (see table below) and relabeling parcel F-86 to F-86a to accommodate the creation of a parcel F-86b (no substantive changes are made to parcel F-86).
- Addition of 99 low-density single-family residential units on new parcel F-55a.
- Construction of a small parking lot in the southeast corner of new parcel F-20b to provide auxiliary parking for an existing high-density residential apartment complex located on parcel F-20.

The modifications listed above would rebalance the mix of land uses for parcels F-55 and W-60a and would result in the following changes:

- A 24.28-ac. portion of parcel F-55 (proposed as F-55a) would be changed from PR to Low Density Residential (LDR) with a Small Lot Residential/Development Standards (RS/DS) zoning designation. This area would be used for construction of an additional 99-unit single-family residential units.
- A 0.49-ac. portion of parcel F-55 (proposed as F-20b) would be changed from PR to High Density Residential (HDR) with an Attached Housing (R3) zoning designation. This area would be used for construction of an auxiliary parking lot, providing approximately 40 additional parking spaces to serve an existing HDR apartment development located to the east on parcel F-20.
- Two areas of parcel F-55 totaling 0.86 acre (proposed as F-86b and F-86c) would be changed from PR to Open Space (OS), which would expand- the existing Coyote Creek open space corridor located to the south on parcel F-86.

- All 25.20 acres of parcel W-60a would be changed from LI to PR for construction of the regional sports park being relocated from parcel F-55.

Approximately 4.03 acres of parcel F-55 (proposed as the new F-55b) would retain its existing PR land use and zoning designations. The table below summarizes the land use and zoning changes and provides proposed distribution of acreage and dwelling units (see also Attachment 1 for the full amended text of the WRSP and Attachment 3 for representative tentative maps showing the subdivision of parcel F-55).

Parcel	General Plan Land Use	Zoning	Acres	Dwelling Units
Existing F-55	P/R (Parks & Recreation)	PR	29.80	0
<i>Proposed F-55a</i>	<i>LDR (Low Density Residential)</i>	<i>RS/DS</i>	<i>24.28</i>	<i>99</i>
<i>Proposed F-55b</i>	<i>P/R (Parks & Recreation)</i>	<i>PR</i>	<i>4.03</i>	<i>0</i>
<i>Proposed F-86b</i>	<i>OS (Open Space)</i>	<i>OS</i>	<i>0.81</i>	<i>0</i>
<i>Proposed F-86c</i>	<i>OS (Open Space)</i>	<i>OS</i>	<i>0.05</i>	<i>0</i>
<i>Proposed F-20b</i>	<i>HDR (High Density Residential)</i>	<i>R3</i>	<i>0.49</i>	<i>0</i>
<i>Proposed ROW</i>	<i>Right of Way</i>	<i>ROW</i>	<i>0.14</i>	<i>0</i>
Existing W-60a	LI (Light Industrial)	M1/SA	25.20	0
<i>Proposed W-60a</i>	<i>P/R (Parks & Recreation)</i>	<i>PR</i>	<i>25.20</i>	<i>0</i>
TOTAL PROPOSED FOR CHANGE			55.00	99

Approval of General Plan Amendment, Specific Plan Amendment, and Rezone: The proposed project also requires a General Plan Amendment, Specific Plan Amendment (specific amendments discussed above), and a rezone to change the land use and zoning designations for parcels F-55 and W-60a, as described above and shown in Attachment 1. These amendments will require approval from the City.

Approval of Development Agreement: The proposed project includes a Development Agreement by and between the City of Roseville and West Roseville, LLC relative to the F-55 property within the WRSP to reflect the land use and zoning changes. This Development Agreement will require approval from the City.

Approval of Tentative Maps: The proposed project includes a: (1) Tentative Parcel Map to divide existing parcel F-55 and (2) Small Lot Tentative Subdivision Map to subdivide one of the parcels creating from that initial division (see Attachment 3). These tentative maps will require approval from the City.

(1) The Tentative Parcel Map divides parcel F-55 into four large lot parcels, plus a right-of-way lot, pursuant to land use and zoning designations listed above, resulting in the following:

- Parcel 1, a 24.77-acre site identified as WRSP parcels F-55a and F-20b;
- Parcel 2, a 4.03-acre site identified as WRSP parcel F-55b;
- Parcels 3 and 4, collectively 0.86 acres identified as WRSP parcels F-86B and F-86C; and
- Right-of-way, a 0.14-acre lot along Blue Oaks Boulevard to be added to the existing road right-of-way.

(2) The Small Lot Tentative Subdivision Map further divides parcels F-55a and F-20b (i.e., parcel 1) into 99 single family lots, lot A (for a stormwater facility), lot B (for a parking lot on parcel F-20B), and several landscape lots (lots LC-1, LC-2, and LS-1-4).

Issuance of Tree Permit: The proposed project includes a request for a Tree Permit, allowing the removal of four blue oak trees (*Quercus douglasii*), one valley oak tree (*Quercus lobata*), conditional removal of one blue oak tree, and encroachment into the dripline of two blue oak trees. This permit must be issued by the City.

Abandonment of Park: The proposed project will require the formal abandonment of an approved and planned park, applicable to a portion of parcel F-55, as required by Government Code sections 38501 to 38510, aka the “Municipal Park Abandonment Law.” The City will follow the process articulated in the Government Code and (1) adopt a resolution of intention to abandon the park; (2) publish and post the approval of the resolution, if it should be approved; (3) hear any objections to such approval at a public hearing; and (4) either order the park to be abandoned or terminate abandonment proceedings. (Public Resources Code [PRC] §§ 21065; CEQA Guidelines §§ 15060(c)(3), 15378.)

PURPOSE AND SCOPE OF ADDENDUM

As discussed in the Background Section, an EIR was certified for the WRSP on February 4, 2004, and an SEIR was certified for the SPA3 on April 16, 2014. Both the 2004 WRSP EIR and 2014 SPA3 SEIR are available on the City of Roseville’s website at the following web address: https://www.roseville.ca.us/government/departments/development_services/planning/specific_plans_planning_areas/west_roseville_specific_plan. The current WRSP also is available at this website as is the 2004 WRSP (as Appendix N of the 2004 WRSP EIR) and the 2014 amendments to the WRSP (as Appendix A1 of the 2014 SPA3 SEIR). The 2020 WRSP Amendment, which is the subject of this Addendum, is included here as Attachment 1.

Basis for Addendum

This Addendum has been prepared pursuant to CEQA Guidelines section 15164 and Public Resources Code sections 21083 and 21166. An addendum is an appropriate subsequent document to a previously certified EIR when some changes to a project are necessary, but those changes do not create new or increased significant environmental impacts that warrant major revisions to the previous EIR. (CEQA Guidelines §§ 15162(a), 15164(a); see *Save Our Heritage Organisation v. City of San Diego* (2018) 28 Cal.App.5th 656, 668.) Also, an addendum is appropriate when circumstances surrounding a project have not substantially changed and when no new information of substantial importance has been uncovered that indicates the project would create new significant impacts or increase the severity of the previously identified significant impacts; see discussion immediately below. (CEQA Guidelines §§ 15162(a), 15164(a).) Substantial evidence presented in this Addendum demonstrates that the proposed project, described above and analyzed below, does not create any new significant impacts or increase the severity of previously identified significant impacts. Nor are there any new circumstances or new information that would create such impacts or require more robust analysis, discussed in more detail below. (CEQA Guidelines § 15162(a).) Therefore, an addendum is the appropriate CEQA document, and a subsequent or supplemental EIR is not warranted. (Id., § 15164(e).)

No New Circumstances or New Information

Since certification of the previous EIRs, circumstances surrounding the formerly proposed projects and their location have not substantially changed nor has any new information of substantial importance come to light that indicates the current proposed project would create new significant impacts or increase the severity of existing significant impacts beyond those listed in the 2004 WRSP EIR and 2014 SPA3 SEIR (CEQA Guidelines § 15162(a)). No new projects or other development beyond those contemplated in the previously certified EIRs have been approved or proposed within the vicinity of the project site that could impact or increase the project’s environmental effects. Nor is there new information of substantial importance showing that: (i) mitigation measures or alternatives previously found to be infeasible would actually now be feasible and would substantially reduce one or more significant effects of the proposed project, but the project proponents decline to adopt the mitigation measure or alternative; or (ii) mitigation measures or alternatives considerably different from those analyzed in the previously certified CEQA documents would substantially reduce one or more significant effects, but the proponents decline to adopt the mitigation measure or alternative. Further, the City is not aware of any other new information that might bear relevance on the proposed project’s CEQA analysis. Therefore, there is

no evidence on the record, or otherwise reasonably discoverable, indicating that any new circumstances or new information exist that that: (a) would create new significant impacts; (b) substantially increase the severity of previously identified significant impacts; (c) or require additional analysis or verification. As a result, all boxes in the “New Circumstances” and “New Information” columns in the checklist below are marked “No.”

Significant and Unavoidable Impact Conclusions in Previous EIRs

The 2004 WRSP EIR identified the following impacts as significant and unavoidable:

- Impact 4.1-1: Potential incompatibility of internal land uses (WRSP and Remainder Areas)
- Impact 4.1-4: Conversion of agricultural land to developed uses (WRSP Area)
- Impact 4.2-4: Inducement of substantial population growth (WRSP and Remainder Areas)
- Impact 4.3-1: Increased traffic on City of Roseville roadways (SOI [sphere of influence], WRSP, and Remainder Areas)
- Impact 4.3-2: Increased traffic on State Highways (SOI, WRSP, and Remainder Areas)
- Impact 4.3-3: Increased traffic on Placer County roadways (SOI, WRSP, and Remainder Area)
- Impact 4.3-4: Increased traffic on City of Rocklin roadways (SOI and Remainder Areas)
- Impact 4.3-6: Increased traffic on Sacramento County roadways (SOI and Remainder Areas)
- Impact 4.3-9: Increased congestion due to proposed General Plan Pedestrian District Overlay (SOI and Remainder Areas)
- Impact 4.4-1: Increased emissions of fugitive dust and PM10 (particulate matter 10 micrometers in diameter) from grading and trenching activities (short term) (SOI, WRSP, and Remainder Areas)
- Impact 4.4-2: Increased emissions of ozone precursors during construction (short term) (SOI, WRSP, and Remainder Areas)
- Impact 4.4-3: Increased emissions of air pollutants during operation
- Impact 4.5-9: Increase in off-site traffic noise (SOI and Remainder Areas)
- Impact 4.7-8: Loss of oak trees of greater than 6 inches dbh (diameter at breast height) (short term) (WRSP and Remainder Areas)
- Impact 4.8-2: Removal of historically significant properties and/or loss of historic integrity of such resources (WRSP and Remainder Areas)
- Impact 4.9-9: Siting of a school within one-fourth mile of the handling of transportation of hazardous materials (Remainder Area)
- Impact 4.11-1: Availability of water supplies to meet demand in wet years (Remainder Area)
- Impact 4.11-2: Availability of water supplies to meet demand in dry years (Remainder Area)
- Impact 4.11-3: Capacity of water treatment system to meet potable demand (Remainder Area)
- Impact 4.11-9: Increased demand for solid waste services at the landfill (WRSP and Remainder Areas)
- Impact 4.11-10: Increased demand for solid waste services at the MRF (material recovery facility) (WRSP and Remainder Areas)
- Impact 4.11-11: Construction debris demand for solid waste services (WRSP and Remainder Areas)
- Impact 4.13-1: Alteration of the visual character of the site and vicinity (WRSP and Remainder Areas)
- Impact 4.13-2: New sources of light and glare (WRSP and Remainder Areas)

The 2004 WRSP EIR also identified the following cumulative impacts as significant and unavoidable:

- Agricultural land conversion (SOI and WRSP Areas)
- Increased traffic on City of Roseville roadways with Kaiser Medical Center (SOI and WRSP Areas)
- Increased traffic on City of Roseville roadways with Placer Parkway (SOI Area)
- Increased traffic on Placer County roadways with Placer Parkway (SOI Area)
- Increased traffic in Placer County under Cumulative 2020 conditions with additional development (SOI Area)

- Air quality emissions from construction (SOI and WRSP Areas)
- Air quality emissions from operation (SOI and WRSP Areas)
- On-site noise levels that exceed City standards (SOI and WRSP Areas)
- Off-site noise levels that exceed City standards (SOI and WRSP Areas)
- Loss of historic resources (SOI and WRSP Areas)
- Increased demand for water (SOI and WRSP Areas)
- Increased demand for water treatment (SOI Area)
- Increased demand for recycled water distribution system (SOI and WRSP Areas)
- Increased generation of solid waste (SOI and WRSP Areas)
- Increased stormwater runoff in the Curry Creek Watershed (SOI and WRSP Areas)
- Change in visual character (SOI and WRSP Areas)

The 2014 SPA3 SEIR identified the following impacts as significant and unavoidable:

- Impact 5.4: Increased Traffic Volumes through Intersections Within the City of Rocklin under Existing Plus Project Conditions
- Impact 5.5: Increased Traffic Volumes through Intersections Within Placer County under Existing Plus Project Conditions
- Impact 5.6: Increased Traffic Volumes on Roadways Within Placer County under Existing Plus Project Conditions
- Impact 5.8: Increased Traffic Volumes on Roadways Within Sacramento County Under Existing Plus Project Conditions
- Impact 5.9: Increased Traffic Volumes through Intersections Within Sutter County Under Existing Plus Project Conditions
- Impact 5.12: Increased Traffic Volumes on State Highways Under Existing Plus Project Conditions
- Impact 5.13: Increased Traffic Volumes through City of Roseville Intersections under 2025 CIP Plus Project Conditions
- Impact 5.17: Increased Traffic Volumes on State Highways under 2025 CIP Plus Project Conditions
- Impact 7.1: Generate Construction Related Emissions That Conflict with the Air Quality Plan or Violate Air Quality Standards
- Impact 7.2: Generate Emissions During Project Operation That Conflict with the Air Quality Plan or Violate Air Quality Standards

The 2014 SPA3 SEIR also identified the following cumulative impacts as significant and unavoidable:

- Impact 11.8: Increased Traffic Volumes on State Highways Under 2025 Cumulative Plus Project Conditions
- Impact 11.10: Result in a Cumulatively Considerable Net Increase of any Criteria for Which the Project Region is Non-Attainment Under an Applicable Federal or State Ambient Air Quality Standard
- Impact 11.12: Contribute to Cumulative Increases in Demands for Potable Water
- Impact 11.13: Contribute to Cumulative Increases in Demands for Wastewater Treatment and Conveyance

The analyses within this Addendum rely on the 2004 WRSP EIR and 2014 SPA3 SEIR with minor supplements or technical updates where appropriate. Most of the project impacts remain identical to the impacts described in the EIRs because the proposed project is less intensive than the use types envisioned and analyzed for the subject property. The proposed project uses reduce or maintain the same level of potential impacts, as discussed in this Addendum.

ENVIRONMENTAL CHECKLIST FOR ADDENDUM ENVIRONMENTAL REVIEW

The purpose of this checklist is to evaluate the categories in terms of any “changed condition” (i.e. changed circumstances, project changes, or new information of substantial importance) that may result in a changed environmental result. A “no” answer does not necessarily mean there are no potential impacts relative to the environmental category, but that there is no change in the condition or status of the impact since it was analyzed and addressed in prior environmental documents.

2018 CEQA Checklist Update

Since certification of the previous EIR, the Appendix G Checklist in the CEQA Guidelines has been updated, effective early 2019. Although not required, the updated checklist is included in this Addendum along with the prior version, as part of a good-faith effort to provide the most up-to-date information to decision makers and the public. (PRC §§ 21002.1(e), 210065; see CEQA Guidelines §§ 15002(a)(1), 15003(c).) The updated checklist is presented in strike out/underline to clearly show changes and discussed in the analysis where appropriate. This revised checklist material is not considered “new information” as defined in CEQA Guidelines section 15162(a)(3). (See *Citizens Against Airport Pollution v. City of San Jose* (2014) 227 Cal.App.4th 788, 808; *Cleveland National Forest Foundation v. San Diego Assn. of Governments* (2017) 17 Cal.App.5th 413, 426.)

EXPLANATION OF CHECKLIST EVALUATION CATEGORIES

Where Impact was Analyzed

This column provides a cross-reference to the pages of the prior environmental documents where information and analysis may be found relative to the environmental issue listed under each topic.

Do Proposed Changes Involve New Significant Impacts?

Pursuant to section 15162(a)(1) of the CEQA Guidelines, this column indicates whether the changes represented by the current project will result in new significant impacts that have not already been considered and mitigated by the prior environmental review documents and related approvals, or will result in a substantial increase in the severity of a previously identified impact.

Any new Circumstances Involving New Impacts?

Pursuant to section 15162(a)(2) of the CEQA Guidelines, this column indicates whether there have been changes to the project site or the vicinity (circumstances under which the project is undertaken) which have occurred subsequent to the certification of prior environmental documents, which would result in the current project having new significant environmental impacts that were not considered in the prior environmental documents or that substantially increase the severity of a previously identified impact.

Any new Information Requiring New Analysis or Verification?

Pursuant to section 15162(a)(3)(A–D) of the CEQA Guidelines, this column indicates whether new information of substantial importance which was not known and could not have been known with the exercise of reasonable diligence at the time the previous environmental documents were certified is available requiring an update to the analysis of the previous environmental documents to verify that the environmental conclusions and mitigation measures remain valid. Either “yes” or “no” will be answered to indicate whether there is new information showing that: (A) the project will have one or more significant effects not discussed in the prior environmental documents; (B) that significant effects previously examined will be substantially more severe than shown in the prior environmental documents; (C) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or (D) that mitigation measures or alternatives which are considerably different from those analyzed in the prior environmental documents would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative. If “no,” then no additional environmental documentation (supplemental or subsequent EIR) is required.

Mitigation Measures Implemented or Addressing Impacts

Pursuant to section 15162(a)(3) of the CEQA Guidelines, this column indicates whether the prior environmental documents provide mitigation measures to address effects in the related impact category. In some cases, the mitigation measures have already been implemented. A “yes” response will be provided in any instance where mitigation was included, regardless of whether the mitigation has been completed at this time. If “none” is indicated, this environmental analysis concludes a significant impact does not occur with this project, no mitigation was previously included, and no mitigation is needed.

DISCUSSION AND MITIGATION SECTIONS

Discussion

A discussion of the elements of the checklist is provided under each environmental category in order to clarify the answers. The discussion provides information about the particular environmental issue, how the project relates to the issue and the status of any mitigation that may be required or has already been implemented.

Mitigation Measures

Applicable mitigation measures from the prior environmental review that apply to the project are listed under each environmental category. Mitigation measures that are included in this section as applicable are ones that require ongoing or future implementation, such as mitigation that is timed to occur prior to issuance of a building permit or during construction. It is noted in the discussion sections below where mitigation measures are either not relevant to the proposed project because they pertain to a different area or land use or have already been implemented.

Conclusions

A discussion of the conclusion relating to the analysis contained in each section.

CHECKLIST

I. Aesthetics

	Where Impact Was Analyzed in Prior Environmental Documents	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a. Have a substantial adverse effect on a scenic vista?	2004 WRSP EIR Ch. 4.13 P. 39	No	No	No	None
b. Substantially damage scenic resources, including but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	2004 WRSP EIR Ch. 4.13 P. 39	No	No	No	None
c. Substantially degrade the existing visual character or quality of the site and its surroundings?	2004 WRSP EIR Ch. 4.13 P. 31	No	No	No	None
d. Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	2004 WRSP EIR Ch. 4.13 P. 35	No	No	Yes	2004 WRSP EIR MM 4.13-1 (a-d), MM 4.13-2
2018 CEQA Checklist Update:					
Except as provided in Public Resources Code Section 21099, W would the project:					
c) In non-urbanized areas, sSubstantially degrade the existing visual character or quality of public views of the site and its surroundings? (<u>Public views are those that are experienced from publicly accessible vantage point</u>). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	2004 WRSP EIR Ch. 4.13 P. 39	No	No	No	None
Discussion: <u>2004 WRSP EIR</u> The 2004 WRSP EIR concluded that the WRSP project would result in the following aesthetics impacts: - Impact 4.13-1 – alteration of the visual character of the site and vicinity (significant and unavoidable); - Impact 4.13-2 – new sources of light and glare (significant and unavoidable); - Impact 4.13-3 – visual incompatibility between land uses (less than significant);					

- Impact 4.13-4 – degradation of scenic resources (less than significant).

All of the land proposed to be developed as a part of the proposed project was also anticipated to be developed with the WRSP and subsequent amendments. At the time of the 2004 WRSP EIR, the surrounding area was open grassland (i.e., relatively non-urbanized), so the conversion of this open land to industrial uses (for parcel W-60a) and a regional sports park (for parcel F-55) was found to be significant and unavoidable. The 2004 WRSP EIR also considered the potential for visual incompatibility between light industrial uses and surrounding development but found both this impact to be less than significant because existing City Design Guidelines and the new WRSP Design Guidelines would ensure compatible site and building design. But impacts as a result of light and glare impacts resulting from new lighting sources were found to be significant and unavoidable as a result of, in part, “nighttime light” from “sports facilities” that “could use high-intensity lights for playing fields.” (2004 WRSP EIR, p. 4.13-35.) The regional sports park was originally anticipated for parcel F-55 and specific mitigation measures were adopted to address light and glare impacts due to future sports field lighting, but even with mitigation the impact remained significant and unavoidable. Mitigation measures were provided to reduce all aesthetics impacts to a less-than-significant level except for significant and unavoidable impacts related to the alteration of visual character of the site and vicinity and to new sources of light and glare. (2004 WRSP EIR, pp. 3-19 to 3-20.) Measures that apply to the proposed project are included below. Remaining measures are not included because they only apply to areas not impacted by the proposed project, such as the Remainder Area or the open space preserve areas.

2014 SPA3 SEIR

The 2014 SPA3 SEIR concluded that the proposed SPA3 project would not result in any aesthetics impacts beyond what was previously analyzed in the 2004 WRSP EIR. As the SEIR noted in its discussion of effects found to have been adequately analyzed in the prior EIR and thus excluded from the SEIR:

The proposed project would not substantially alter the general character of development in Fiddymment Ranch. The area would continue to be developed as a primarily residential community that includes parks, open space, and some commercial and public/quasi-public uses. Development under the proposed Fiddymment Ranch SPA 3 project would be subject to the City’s Community Design Guidelines, the WRSP Design Guidelines, and General Plan goals and policies. The WRSP EIR found that development of the Specific Plan would result in a Significant and Unavoidable impact by altering the visual character of the area. Development under the proposed project would contribute to this impact; but would not increase the severity of it, as it would not increase the development footprint, change the City’s development standards, or change the general character of the Fiddymment Ranch community. Comments on the 2010 NOP suggested that the increased densities proposed by the project would alter the character of development in Fiddymment Ranch, and that potential development under the City’s Zoning Ordinance which allows density bonuses consistent with existing state law for certain projects that propose affordable housing subsidies would further increase densities and allow for reduced development standards such as reduced height restrictions and setbacks. It is noted that there are no specific proposals at this time to develop any portion of the project site under the density bonus provisions of the City’s Zoning Ordinance. At the time that specific development is proposed for each parcel (regardless of whether development is proposed using the a density bonus), the City will evaluate whether the proposed development meets the City’s development standards

and will consider whether each project would result in site-specific environmental impacts that have not been fully evaluated under the WRSP EIR or this Fiddymment Ranch SPA3 Recirculated Draft Subsequent EIR. If not, additional environmental review would be required.

No changes were proposed to either W-60a or F-55 by the 2014 SPA3 SEIR, therefore the discussion and mitigation measures remained unchanged.

Proposed Project

The regional sports park, previously anticipated for parcel F-55, is proposed for relocation to parcel W-60a. Lighting for city parks, including athletic field lights, is evaluated in Chapter 4.13 (pp. 4.13-35 to 4.13-37) of the 2004 WRSP EIR. As discussed in the EIR, lights for athletic fields are turned on for games and do not remain on all night. Mitigation Measure 4.13-1(a) was included with the EIR to ensure lighting for athletic fields in City parks will not use high-powered floodlights, and restricts the use of nighttime stadium lighting within 300 feet of residences. Additionally, MM 4.13-1(b) recommends siting of these light-producing uses to minimize impacts on adjacent sensitive uses and shielding of fixtures. Despite these measures, the impact of light and glare associated with the regional sports park remained significant and unavoidable, largely because the area, that time, was “currently undeveloped grazing land” that “contains very few light sources.” (2004 WRSP EIR, p. 4.13-35.)

Now, however, the area has been developed and is far more urbanized than in 2004. As predicted and analyzed in the 2004 WRSP EIR, “development of the WRSP [has changed] views to the project site that [were] uninterrupted by light pollution [] to views of a developed, lit environment.” (2004 WRSP EIR, p. 4.13-35.) Residential subdivisions have been constructed to the near west, south, and southeast of parcel W-60a, with several other developments further east. These developments have increased the light pollution in the immediate area of parcel W-60a from what existing in 2004, thereby decreasing the impacts of light and glare resulting from subsequent area development, overall. Nevertheless, photometric analysis was conducted in November 2019 (included herein as Attachment 4) to assess potential lighting impacts from the future regional sports park on W-60a, based on a preliminary design that includes six soccer fields. The analysis concluded that there would be no impact from light and glare on the nearest residences—thirty-four single-family homes located within 300 feet of the proposed regional sports park. The analysis demonstrated that by using the most modern “suggested lighting standards for competitive play,” as required by mitigation discussed below, the lighting level at the residential property line of the nearest home would be *de minimus* (measured as 0.00 footcandles—a unit of illuminance defined as one lumen per square foot). Thus, there would be no light spillover from the regional sports park on nearby residential homes and thus no impact—a conclusion that falls well below the “significant and unavoidable” finding for this potential impact in the 2004 WRSP EIR. Therefore, no new significant impacts or substantially more severe impacts occur to aesthetics as a result of the proposed project.

Mitigation Measures: Mitigation measures from prior environmental review that apply to the proposed project are included below; no new measures are warranted. MM 4.13-1(a) and MM 4.13-1(b) in the 2004 WRSP EIR mitigate potential impacts to aesthetics.

MM 4.13-1(a): Restrict High-Watt Light Usage and Hours for Park Facilities

MM 4.13-1(b): Site High-Intensity Lighting so as to Minimize Nuisance

Conclusion: As described above and with implementation of the applicable mitigation measures, the proposed project would not result in a new significant impact or significant impacts that are substantially more severe than those analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR.

II. Agricultural & Forestry Resources

	Where Impact Was Analyzed in Prior Environmental Documents	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	2004 WRSP EIR Ch. 4.1 P. 45-47 2014 SPA3 SEIR P. 4-5	No	No	No	2004 WRSP EIR MM 4.1-4
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	2004 WRSP EIR Ch. 4.1 P. 46 2014 SPA3 SEIR P. 4-5	No	No	No	No impact
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	Not analyzed	No	No	No	None
d) Result in the loss of forest land or conversion of forest land to non-forest use?	Not analyzed	No	No	No	None
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	2004 WRSP EIR Ch. 4.1 P. 45-47 2014 SPA3 SEIR P. 4-5	No	No	No	2004 WRSP EIR MM 4.1-4
2018 CEQA Checklist Update: No updates were made to Agricultural & Forestry Resources.					

Discussion:2004 WRSP EIR

The 2004 WRSP EIR concluded that the WRSP project would result in the following agricultural resources impacts:

- Impact 4.1-2 – potential incompatibility with existing agricultural and other land uses in the Remainder Area, the County, and the City of Roseville (significant);
- Impact 4.1-4 – conversion of agricultural land to developed uses (significant and unavoidable for WRSP area, less than significant for remainder area).

Mitigation measures were provided to reduce all agricultural resources impacts to a less-than-significant level except for significant and unavoidable impacts associated with the conversion of agricultural land to developed uses. The 2004 WRSP EIR did not address impacts to forestry resources, because the WRSP project area did not include any such resources.

2014 SPA3 SEIR

The 2014 SPA3 SEIR concluded that the SPA3 project would result in no additional impacts to agricultural resources beyond what was previously analyzed in the 2004 WRSP EIR. As the SEIR noted in its discussion of effects found to have been adequately analyzed in the prior EIR and thus excluded from the SEIR:

The proposed project would not alter the development footprint within the WRSP area or Fiddymont Ranch. As discussed in the WRSP EIR, the Fiddymont Ranch project area supports Prime Farmland, which previously supported a pistachio orchard. The site is no longer in active agricultural production. As mitigation for impacts associated with loss of the Prime Farmland, the WRSP EIR required acquisition of offsite conservation easement(s), and this mitigation requirement has already been satisfied. Development under the proposed Fiddymont Ranch SPA3 project would not change the development footprint nor result in any substantial changes in the agricultural impacts identified in the WRSP EIR. Forestry impacts were not addressed by the WRSP EIR; however the project area does not include any forests or timberland and does not support any timber harvesting activities, and the project would have no impact to forestry resources. (Id., p. 1-7.)

Proposed Project

The proposed project would not result in any additional agricultural and forestry resources impacts beyond what was previously analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR because: (1) it will not result in changes to the development footprint of the WRSP beyond what was previously analyzed; and (2) the project sites do not contain agricultural or forestry land. Therefore, no new significant impacts or substantially more severe impacts occur to agricultural and forestry resources as a result of the proposed project.

Mitigation Measures: No mitigation measures from prior environmental review apply to the proposed project, and no new mitigation measures are required .

Conclusion: As described above, the proposed project would not result in a new significant impact or significant impacts that are substantially more severe than those analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR.

III. Air Quality

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Conflict with or obstruct implementation of the applicable air quality plan?	2004 WRSP EIR Ch. 4.4 P. 18-26 2014 SPA3 SEIR Ch. 7 P. 17-23	No	No	No	2004 WRSP EIR MM 4.4 -1 through 4.4 -4 2014 SPA3 SEIR MM 7.1a through MM 7.1b
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	2004 WRSP EIR Ch. 4.4 P. 18-26 2014 SPA3 SEIR Ch. 7 P. 23-26	No	No	No	2004 WRSP EIR MM 4.4 -5 and MM 4.4 -6 2014 SPA3 SEIR MM 7.2a and MM 7.2b
c) Result in a cumulatively considerable net increase of any criteria for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions, which exceed quantitative thresholds for ozone precursors)?	2004 WRSP EIR Ch. 4.4 P. 18-26 2014 SPA3 SEIR P. 26, 27	No	No	No	2004 WRSP EIR MM 4.4 -1 Through MM 4.4 -5
d) Expose sensitive receptors to substantial pollutant concentrations?	2004 WRSP EIR Ch. 4.4 P. 26-30	No	No	No	2004 WRSP EIR MM 4.4 -5, MM 4.4 -7
e) Create objectionable odors affecting a substantial number of people?	2004 WRSP EIR Ch. 4.4 P. 32-33	No	No	No	None

2018 CEQA Checklist Update:

Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. Would the project:

b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	Deleted but captured by items a and b				
b) e) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	2004 WRSP EIR Ch. 4.4 P. 18-26 2014 SPA3 SEIR P. 26, 27	No	No	No	2004 WRSP EIR MM 4.4 -1 Through MM 4.4 -5
c) d) Expose sensitive receptors to substantial pollutant concentrations?	See item d above				
d) e) Create objectionable Result in other emissions (such as those leading to odors or dust) adversely affecting a substantial number of people?	2004 WRSP EIR Ch. 4.4 P. 32-33	No	No	No	None

Discussion:2004 WRSP EIR

The 2004 WRSP EIR concluded that the WRSP project would result in the following air quality impacts:

- Impact 4.4-1 – fugitive dust and PM10 from grading and trenching activities (short-term significant and unavoidable);
- Impact 4.4-2 – construction emissions (short-term significant and unavoidable);
- Impact 4.4-3 – operational emissions (significant and unavoidable);
- Impact 4.4-4 – exposure of sensitive receptors to unacceptable TAC [toxic air contaminant] levels (significant);
- Impact 4.4-5 – carbon monoxide emissions at local intersections (less than significant);
- Impact 4.4-6 – exposure to objectionable odors (less than significant).

Mitigation measures were provided to reduce all air quality impacts to a less-than-significant level except for short-term significant and unavoidable impacts related to fugitive dust and PM10 from grading and trenching activities and construction emissions and significant unavoidable impacts related to operational emissions. Measures that apply to the proposed project are included below. Remaining measures are not included because they apply to the Remainder Area, which is not impacted by the proposed project, or apply to industrial uses only.

2014 SPA3 SEIR

The 2014 SPA3 SEIR identified the following additional project-level and cumulative air quality impacts associated with the Fiddymment Ranch SPA3 project:

- Impact 7.1 – generate construction related emissions that conflict with the air quality plan or violate air quality standards (significant and unavoidable);
- Impact 7.2 – generate emissions during project operation that conflict with the air quality plan or violate air quality standards (significant and unavoidable);
- Impact 7.3 – generate substantial carbon monoxide concentrations at local intersections (less than significant);
- Impact 11.10 – result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (significant and unavoidable).

Mitigation measures were provided to reduce additional air quality impacts, but significant and unavoidable impacts would remain with respect to construction and operational emissions and contribution to cumulative air quality impacts. (Id., pp. 2-15 to 2-18, 2-22 to 2-23.)

In addition, the 2014 SPA3 SEIR provided the following explanation of why the SPA3 project would not result in any increase in odors beyond what was analyzed in the 2004 WRSP EIR:

As discussed in the Initial Study, the WRSP EIR evaluated potential impacts associated with exposure to odors associated with the Pleasant Grove Wastewater Treatment Plant (PGWWTP) and other odor sources in the project area. This analysis found that treatment facilities and operations at the PGWWTP could generate objectionable odors that could affect project site residents. The WRSP EIR concluded that “with normal operation and with the use of chlorine, odors associated with the PGWWTP would be minimal and unlikely to be unpleasant for closest residents.” The proposed project would not place residents any closer to the PGWWTP than was evaluated in the WRSP EIR. Therefore the proposed project would not increase the severity of this less than significant impact. The WRSP EIR analysis also found that exposure to odors from other typical sources within and in proximity to the project site, such as restaurants, dry cleaning facilities and gas stations, would not result in significant adverse conditions. (Id., p. 1-7.)

The air quality section of the 2004 WRSP EIR contained a qualitative impact analysis concluding that construction-related activities would generate emissions that would limit the ability of the Placer County Air Pollution Control District (PCAPCD) to meet state standards within the County. With mitigation, construction impacts were determined to be less than significant. Operational air emissions were quantitatively.

Proposed Project

The proposed project would relocate the planned regional sports park from parcel F-55 to W-60a, change the land use on parcel W-60a from light industrial to parks and recreation, and introduce a 99-unit low density residential subdivision and small parking area on a portion of parcel F-55. The prior EIRs made a determination that air quality impacts related to both the short-term construction impacts and the long-term operation

impacts of development in the WRSP were significant and unavoidable, even with mitigation. The project, however, will have less of an impact on air quality than the currently approved uses for both parcels F-55 and W-60a because the proposed uses are less intensive.

As demonstrated in the Traffic and Transportation section of this Addendum, the project will result in fewer vehicle trips and fewer vehicle miles traveled than the currently allowable uses. Additionally, the project will result in the elimination of the light industrial use on approximately 25 acres (parcel W-60a), relocation of an approved regional park, and introduction of a single-family residential use. Although no specific industrial use was identified for W-60a, emissions for industrial uses are generally higher than those for single-family residential subdivisions. Further, there would be no new or increased impacts as a result of objectionable odors, or other emissions leading to odors, because none of the proposed changes or development would create new odors nor would they locate or situate a substantial number of people any closer to the primary odor source in the area—the now-existing PGWWTP (discussed above). The sports facility now proposed for location on parcel W-60a is approximately as equidistant from PGWWTP it was with its prior placement on parcel F-55, and the residential units planned for F-55 are not substantially closer than other equally sensitive development already approved and constructed, such as a high school on parcel F-72 and housing on W-6. (See Figure 2-3 on WRSP EIR, p., 2-11.) Regardless, CEQA is not concerned with the effects of existing environmental hazards on project users or residents, except to the extent that the effects of a proposed project risk exacerbating such hazards. (See *California Building Industry Assn. v. Bay Area Air Quality Management Dist.* (2015) 62 Cal.4th 369, 377.) The proposed project will not generate new or substantially more severe impacts than those previously evaluated in the 2004 WRSP EIR and 2014 SPA3 SEIR and thus will not exacerbate any onsite odor impacts associated with continued operation of the PGWWTP.

Mitigation Measures: Mitigation measures from prior environmental review that apply to the proposed project are included below; no new measures are warranted. MM 4.4-1, 4.4-3, and 4.4-5 in the 2004 WRSP EIR and MMs 7.1a, 7.1b, and 7.2b in the 2014 SPA3 SEIR mitigate potential impacts to air quality.

MM 4.4-1: Dust Control

MM 4.4-3: Reduction of Construction Emissions

MM 4.4-5: Reduction of Operational Emissions

MM 7.1a: [Preparation of Construction Dust Control Plan]

MM 7.1b: [Providing Construction Equipment Inventory, Construction Timeline, and Heavy-Duty Equipment Emissions Reduction Plan]

MM 7.2b: [Offsetting Summertime Operation Emissions of ROG and NOx Exceed 10 Pounds Per Day]

Conclusion: As described above and with implementation of the applicable mitigation measures, the proposed project would not result in a new significant impact or significant impacts that are substantially more severe than those analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR.

IV. Biological Resources

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	2004 WRSP EIR Ch. 4.7 P. 37	No	No	No	2004 WRSP EIR MM 4.7 through 4.7 -9
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies or regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	2004 WRSP EIR Ch. 4.7 P. 40 2004 WRSP EIR Ch. 4.7 P. 57	No	No	No	2004 WRSP EIR MM 4.7 -4 2004 WRSP EIR MM 4.7 -12 2004 WRSP EIR MM 4.7 -13
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	2004 WRSP EIR Ch. 4.7 P. 32	No	No	No	2004 WRSP EIR MM 4.7 -1 through 4.7 -3
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	2004 WRSP EIR Ch. 4.7 P. 49	No	No	No	2004 WRSP EIR MM 4.7 -10 2004 WRSP EIR MM 4.7 -11 2004 WRSP EIR MM 4.7 -13(d) 2004 WRSP EIR MM.13 – 1(d)
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	2004 WRSP EIR Ch. 4.7 P. 53	No	No	No	None
f) Conflict with the provisions of an adopted	2004 WRSP EIR	No	No	No	None

Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	Ch. 4.7 P. 53				
2018 CEQA Checklist Update:					
c) Have a substantial adverse effect on <u>state or federally protected wetlands as defined by Section 404 of the Clean Water Act</u> (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	2004 WRSP EIR Ch. 4.7 P. 32	No	No	No	2004 WRSP EIR MM 4.7 -1 through 4.7 -3
Discussion: <u>2004 WRSP EIR</u> The 2004 WRSP EIR concluded that the WRSP project would result in the following impacts to biological resources: • Impact 4.7-1 – loss of federally protected wetlands and “other waters” of the United States (significant); • Impact 4.7-2 – loss of federally listed vernal pool crustaceans and their habitat (significant); • Impact 4.7-3 – loss of rare plant populations (significant); • Impact 4.7-4 – loss or degradation of habitat for western spadefoot, a special status species (significant); • Impact 4.7-5 – disruption of Swainson’s hawk, burrowing owl, and other legally protected raptors (significant); • Impact 4.7-6 – loss of grassland habitat (significant); • Impact 4.7-7 – substantial interference with the movement of resident and migratory wildlife species (significant); • Impact 4.7-8 – loss of oak trees greater than 6” dbh (short-term significant and unavoidable, long-term less than significant); • Impact 4.7-9 – loss of riparian habitat (significant); • Impact 4.7-10 – loss of biological resources due to construction of off-site infrastructure (significant); • Impact 4.7-11 – changes in General Plan policies regarding flood control facilities in open space (less than significant); • Impact 4.7-12 – conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan (no impact). Mitigation measures were provided to reduce all biological resources impacts to a less-than-significant level except for short-term significant and unavoidable impacts to oak trees greater than 6-inch dbh. (2004 WRSP EIR, pp. 4-13 to 4-15.) Measures that apply to the proposed project are included below. Remaining measures are not included because they apply only to the Remainder Area, which is not impacted by the proposed project.					

2014 SPA3 SEIR

The 2014 SPA3 SEIR concluded that the SPA3 project would result in no additional impacts to biological resources beyond what was previously analyzed in the 2004 WRSP EIR. As the SEIR noted in its discussion of effects found to have been adequately analyzed in the prior EIR and thus excluded from the SEIR:

The proposed project would not alter the development footprint for Fiddymment Ranch. The proposed Fiddymment Ranch SPA3 project includes construction of new Class I bikeway components within the 50-foot preserve buffer surrounding the ±130-acre open space parcel in the northwest corner of the Fiddymment Ranch area. As noted on page 18 of the Initial Study circulated with the NOP for this EIR, the WRSP anticipated this construction and indicated that the Class I bikeway would be routed to avoid direct impacts to federally protected wetlands and other waters of the United States. The WRSP EIR evaluated impacts to biological resources, including wetlands, special-status species, and sensitive habitats. The mitigation measures identified in the WRSP EIR are applicable to development of the Fiddymment Ranch project area. With implementation of the mitigation measures identified in the WRSP EIR and summarized in the Initial Study for the current project, development under the proposed Fiddymment Ranch SPA 3 project would not result in any substantial changes in the biological resource impacts identified in the WRSP EIR. The WRSP EIR required acquisition of offsite conservation easement(s), and offsite preservation of wetlands as part of the Clean Water Act Section 404 permits. This mitigation requirement has already been satisfied. (Id., pp. 1-7 to 1-8.)

Proposed Project

No additional or substantially more severe impacts will occur as a result of the proposed project. As with the SPA3 project, the proposed project does not alter the development footprint for Fiddymment Ranch. The proposed project would relocate the planned regional sports park from parcel F-55 to W-60a, change the land use on parcel W-60a from light industrial to parks and recreation, and introduce a 99-unit low density residential subdivision and small parking area on a portion of parcel F-55 (refer to Project Description above). In response to land use changes on parcel F-55, minor alterations to the preliminary bike trail alignment on OS parcel F-86 (to the south of parcel F-55) are anticipated due to construction of the project. The changes as proposed, however, are permitted in, and consistent with, provisions in the Operations and Management Plan for the WRSP Open Space Preserve prepared in 2003 for the 2004 WRSP EIR to ensure the preserved wetland, riparian, and upland habitats within the designated preserve area are maintained in good condition. (See 2004 WRSP EIR, Appendix X, p. 17.) The exact alignment of the trail was unknown as of 2003 when the Operations and Management Plan was prepared. The Operations and Management Plan includes the following provisions to determine whether or not the proposed alignment will be consistent with the approved Plan:

As the alignment is finalized, the following steps will be taken to minimize impacts to the Preserve:

- The bike trail will be located in the 50-foot buffer. The exception to this will be the bike trail through the Pleasant Grove Creek corridor and where the trail crosses over the detention berm.
- Where the bike trail crosses drainages, bridges will span the drainages to avoid impacting wetlands/waters.
- The bike trail will meander around wetlands within the 50-foot buffer to avoid directly impacting these features (indirect impacts have already been anticipated and mitigated).

- In locations where the entirety of the 50-foot buffer is vernal pool and will not allow the bike trail to be constructed within the 50-foot buffer, the bike trail will meander into the land use and out of the Preserve.

Consistency with the provisions in the Operation and Management Plan will ensure that there will be no change in the severity of the impact to biological resources due to the proximity of development to federally protected wetlands and other waters of the United States.

Additionally, the project proposes the removal of several oak trees and encroachment into the driplines for additional trees. Eight oak trees, including one valley oak (*Quercus lobata*) and seven blue oak trees (*Quercus douglasii*), will be impacted by the development of the single-family subdivision on parcel F-55. A total of 221 inches diameter at breast height (dbh) are proposed for removal, 32 inches dbh are anticipated for conditional removal, and 79 inches dbh will experience encroachment from development. An arborist report and tree inventory summary, prepared by Edwin E. Stirtz (an ISA-certified arborist) of Sierra Nevada Arborists, is included as Attachment 2. All twelve trees that are located on parcel F-55 were evaluated in the arborist report. No trees were determined to be in a hazardous condition. As stated in the 2004 WRSP EIR, "Through implementation of the City's Tree Preservation Regulation, the long-term impact of the loss of native oaks over 6 inches dbh would be less than significant." Compliance with the requirements and conditions of approval for the requested tree permit, consistent with the City's Tree Preservation Ordinance, will make impacts less than significant.

Mitigation Measures: Mitigation measures from prior environmental review that apply to the proposed project are included below; no new measures are warranted. . MM 4.7-1 to 4.7-13 in the 2004 WRSP EIR mitigate potential impacts to biological resources.

MM 4.7-1: Ensure no net loss of wetlands

MM 4.7-4: Relocate individual western spadefoots

MM 4.7-6: Avoid nesting sites

MM 4.7-8: Off-site and on-site preservation of grassland habitat

MM 4.7-10: Stream protection policies

MM 4.7-12: Sensitive habitat buffer zones

MM 4.7-13: Riparian habitat policies

Conclusion: As described above and with implementation of the applicable mitigation measures, the proposed project would not result in a new significant impact or significant impacts that are substantially more severe than those analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR.

V. Cultural, Archeological, or Paleontological Resources

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Cause a substantial adverse change in the significance of an historic resource as defined in Section 15064.5?	2004 WRSP EIR Ch. 4.8 - 14	No	No	No	2004 WRSP EIR MM 4.8 - 4(a) through MM 4.8 -9
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?	2004 WRSP EIR Ch. 4.8 - 12	No	No	No	2004 WRSP EIR MM 4.8 -1 through MM 4.8 - 3
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	2004 WRSP EIR Ch. 4.8 - 16	No	No	No	2004 WRSP EIR MM 4.8 -10 and MM 4.8 -11
d) Disturb any human remains, including those interred outside of dedicated cemeteries?	2004 WRSP EIR Ch. 4.8 - 17	No	No	No	2004 WRSP EIR MM 4.8 -1 2004 WRSP EIR MM 4.8 -2 2004 WRSP EIR MM 4.8 –5 through MM 4.8 -8 2004 WRSP EIR MM 4.8 -10 through 4.8 -13
2018 CEQA Checklist Update: Section title updated to “Cultural Resources.”					
a) Cause a substantial adverse change in the significance of a historical resource pursuant to as defined in § 15064.5?	See item a above				
e) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	Relocated to Geology and Soils item f				
c) d) Disturb any human remains, including those interred outside of dedicated cemeteries?	See item d above				
Discussion:					

2004 WRSP EIR

The 2004 WRSP EIR concluded that the WRSP project would result in the following impacts to cultural resources:

- Impact 4.8-1 – disturb, damage, or destroy unidentified subsurface archaeological resources during project construction (significant);
- Impact 4.8-2 – removal of historically significant properties and/or loss of historic integrity of such resources (significant and unavoidable);
- Impact 4.8-3 – disturb unknown paleontological resources during site preparation (significant);
- Impact 4.8-4 – damage or destroy historic or prehistoric resources during construction of off-site infrastructure (significant).

Mitigation measures were provided to reduce all cultural resources impacts to a less-than-significant level except for significant and unavoidable impacts related to the removal of historically significant properties and/or loss of historic integrity of such resources. (Id., p. 3-15.) Measures that apply to the proposed project are included below. Remaining measures are not included because they apply only to other areas not impacted by the proposed project, such as the Remainder Area or Fiddymment Ranch.

2014 SPA3 SEIR

The 2014 SPA3 SEIR concluded that the SPA3 project would result in no additional impacts to cultural resources beyond what was previously analyzed in the 2004 WRSP EIR. As the SEIR noted in its discussion of effects found to have been adequately analyzed in the prior EIR and thus excluded from the SEIR:

The WRSP EIR identified that the project area supported a historically significant site – the Fiddymment Ranch Main Complex. The proposed Fiddymment Ranch SPA3 project does not affect land in the area of this site. As discussed in the WRSP EIR, a field survey was conducted to identify [archaeological] resources throughout the WRSP area. No archeological resources were identified during this survey. While there are no known archeological resources within the Fiddymment Ranch SPA 3 project site, as is typical of most projects in the area, there is the potential that subsurface cultural resources could be uncovered during project construction. The likelihood of subsurface resources is no greater with or without the project since earthmoving would be required under the existing WRSP as well as under the proposed Fiddymment Ranch SPA 3 project. The WRSP EIR identifies mitigation measures to ensure that any subsurface archeological or paleontological resources uncovered during project construction are adequately protected. With implementation of these measures, development under the proposed project would not result in any substantial changes in the cultural resource impacts identified in the WRSP EIR. (Id., p. 1-8.)

Proposed Project

The proposed project would not result in additional impacts to cultural resources beyond what was previously analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR. The proposed project would not result in changes to the development footprint beyond what is analyzed in the 2004 WRSP

EIR and 2014 SPA3 SEIR. Therefore, no new significant impacts or substantially more severe impacts occur to cultural resources as a result of the proposed project.

Mitigation Measures: Mitigation measures from prior environmental review that apply to the proposed project are included below; no new measures are warranted. MM 4.8-1 and MM 4.8-10 in the 2004 WRSP EIR mitigate potential impacts to cultural resources.

MM 4.8-1: Cease Work and Consult with Qualified Archaeologist

MM 4.8-10: Cease Work Until Review Conducted by Qualified Paleontologist and Recommendations Implemented

Conclusion: As described above and with implementation of the applicable mitigation measures, the proposed project would not result in a new significant impact or significant impacts that are substantially more severe than those analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR.

VI. Energy

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
2018 CEQA Checklist Update: Energy is a new issue area, although energy analysis was conducted in the previously certified EIRs.					
a) <u>Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?</u>	2004 WRSP EIR Ch. 4.11 P. 95	No	No	No	None
b) <u>Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?</u>	2004 WRSP EIR Ch. 4.11 P. 95	No	No	No	None
Discussion: <u>2004 WRSP EIR</u> The 2004 WRSP EIR concluded that the WRSP project would result in the following impacts to energy, as part of its section on public utilities: - Impact 4.11-12 – increased demand for electricity (less than significant for WRSP area, significant for remainder area); - Impact 4.11-13 – increased demand for natural gas (less than significant). No mitigation measures were required to reduce energy impacts because they were already projected at a less-than-significant level. (2004 WRSP EIR, p. 3-18.) MM 4.11-13 was included to further reduce an increase in demand for electricity and has been implemented, therefore it is not included here. (See id., p.4.11-100; see also MMRP, p. 54.) <u>2014 SPA3 SEIR</u> The 2014 SPA3 SEIR concluded that the effects to energy were adequately analyzed in the prior EIR and thus excluded from the SEIR. As the SEIR noted in its discussion of effects found to have been adequately analyzed in the prior EIR and thus excluded from the SEIR: Electricity in the area is provided by Roseville Electric and natural gas is provided by Pacific Gas & Electric (PG&E). Impacts 4.11-12 and 4.11-13 in the WRSP EIR evaluated the potential for development of the WRSP to increase demands for electricity and natural gas and					

found these impacts to be less than significant. The proposed project would increase the amount of residential and commercial development within the WRSP, which would incrementally increase the total demand for electricity and natural gas in the Specific Plan area. There are no known constraints for provision of electric or natural gas service to the WRSP, including the additional residences and commercial land uses that would be developed under the proposed project. Existing and planned facilities would be sufficient to serve the increased demands associated with the proposed Fiddymment Ranch SPA 3 project. Revenue sources for service providers would include direct installation fees collected as a condition of approval for the project as well as electric and natural gas service rates collected from service users (i.e., individual home owners/renters and commercial businesses). As noted in the WRSP EIR, compliance with Title 20 and 24 of the California Code of Regulations, which mandate minimum energy efficiency standards, would ensure that energy consumption from each individual building is minimized. Further, since the time that the WRSP EIR was prepared, a new California Building Code, referred to as CalGreen, has been adopted. CalGreen establishes additional energy efficiency standards that would further reduce energy consumption and commitments relative to greenhouse gas emissions. (Id., pp. 1-11 to 1-12.)

Proposed Project

The project would not result in additional impacts related to energy beyond what was previously analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR. As discussed in the 2014 SPA3 SEIR, electricity will be provided by Roseville Electric and natural gas will be provided by PG&E. Both parcels F-55 and W-60a were previously evaluated for development, and the proposed project to relocate the planned regional sports park, amend land uses on parcel W-60a, and introduce a 99-unit single-family residential subdivision and small parking area on parcel F-55, does not change the approved project's development footprint. The project has been reviewed by Roseville Electric and PG&E, and existing and planned facilities will be sufficient to serve the proposed project. Compliance with Title 20 and 24 (discussed below), as previously stated, will ensure that impacts related to energy will remain less than significant for the project. Further, as discussed below in Transportation/Traffic, under proposed project conditions there would be a net reduction in vehicle miles traveled (VMT), which equates to an overall reduction in transportation fuel use. In addition, pursuant to a recent update to Title 24, Part 6, Building Energy Efficiency Standards for California, after January 1, 2020, all new homes constructed in the State are required to have solar panels installed, which will further reduce the proposed project's consumption of mainstream generated electricity and increase reliance on renewable energy sources. Therefore, no new significant impacts or substantially more severe impacts occur to energy resources as a result of the proposed project.

Mitigation Measures: No mitigation measures from prior environmental review apply to the proposed project, and no new mitigation measures are required.

Conclusion: As described above, the proposed project would not result in a new significant impact or significant impacts that are substantially more severe than those analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR.

VII. Geology and Soils

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:	2004 WRSP EIR Ch. 4.6 P. 17–23	No	No	No	None
i) Ruptures of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? (Refer to Division of Mines and Geology Special Publication 42.)	Same	No	No	No	None
ii) Strong seismic ground shaking?	Same	No	No	No	None
iii) Seismic-related ground failure, including liquefaction?	Same	No	No	No	None
iv) Landslides?	Same	No	No	No	None
b) Result in substantial soil erosion or the loss of topsoil?	Same	No	No	No	None
c) Be located in a geological unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	Same	No	No	No	None
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	Same	No	No	No	None

e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	Same	No	No	No	None
2018 CEQA Checklist Update:					
a) Expose people or structures to Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:	2004 WRSP EIR Ch. 4.6 P. 17–23	No	No	No	None
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	2004 WRSP EIR Ch. 4.8 - 16	No	No	No	2004 WRSP EIR MM 4.8 -10 and MM 4.8 -11
Discussion: <u>2004 WRSP EIR</u> The 2004 WRSP EIR concluded that the WRSP project would result in the following impacts to geology and soils: • Impact 4.6-1 – exposure of people and structures to seismic hazards (less than significant); • Impact 4.6-2 – development of structures on expansive soils or on soils with other limitations (less than significant); • Impact 4.6-3 – soil erosion from grading activities (less than significant); • Impact 4.6-4 – slope instability and increased erosion along stream channels (less than significant); • Impact 4.6-5 – loss of topsoil due to conversion of agricultural land to urban uses (less than significant). Thus, the WRSP concluded that the WRSP project would not result in any significant impacts to geology and soils, therefore no mitigation was required. (Id., p. 3-13.) <u>2014 SPA3 SEIR</u> The 2014 SPA3 SEIR concluded that the SPA3 project would result in no additional impacts related to geology and soils beyond what was previously analyzed in the 2004 WRSP EIR. As the SEIR noted in its discussion of effects found to have been adequately analyzed in the prior EIR and thus excluded from the SEIR: The proposed project would not alter the development footprint for Fiddymment Ranch or introduce land uses that require more substantial grading than was evaluated in the WRSP EIR. Development under the proposed Fiddymment Ranch SPA 3 project would not result in any substantial changes in the impacts related to geology and soils identified in the WRSP EIR. All impacts related to geology and soils					

associated with the proposed project have been adequately addressed in the previous EIR. The WRSP EIR determined that all impacts related to geology and soils would be less than significant and no mitigation measures were required. (Id., p. 1-8.)

Proposed Project

The project does not change the development footprint previously analyzed in the 2004 WRSP EIR or 2014 SPA3 SEIR, and does not change the conclusions of the geotechnical work already completed. No septic or alternative wastewater systems are proposed. Development of the site will be required to conform to the City's ordinances and standards regarding grading, including requirements for stormwater quality and erosion controls during and after construction. Therefore, no new significant impacts or substantially more severe impacts occur to geology and soils as a result of the proposed project.

For a discussion on paleontological resources and unique geologic features, refer to the above section on Cultural, Archeological, or Paleontological Resources.

Mitigation Measures: No mitigation measures from prior environmental review apply to the proposed project, and no new mitigation measures are required.

Conclusion: As described above, the proposed project would not result in a new significant impact or significant impacts that are substantially more severe than those analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR.

VIII. Greenhouse Gases

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	2014 SPA3 SEIR Ch. 11 P. 22	No	No	No	None
b) Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	2014 SPA3 SEIR Ch. 8 P. 17	No	No	No	2014 SPA3 SEIR MM 8.1a and MM 8.1b

2018 CEQA Checklist Update: Section title updated to "Greenhouse Gas Emissions."

Discussion:2004 WRSP EIR

The 2004 WRSP EIR did not address climate change or greenhouse gas emissions, because CEQA did not require such analysis at the time the WRSP EIR was certified and the WRSP was approved.

2014 SPA3 SEIR

The 2014 Fiddymment Ranch SPA3 SEIR analyzed the SPA3 project's impacts on climate change. The 2014 SPA3 SEIR concluded that the SPA3 project would result in the following project-level and cumulative climate change/greenhouse gas impacts:

- Impact 8.1 – generate a substantial contribution to GHG emissions that conflict with an applicable plan or policy (significant);
- Impact 8.2 – be affected by climate change effects (less than significant);
- Impact 11.11 – make a considerable contribution to global climate change (less than significant)

(Id., pp. 2-19, 2-23.)

Mitigation measures that apply to the proposed project are included below.

Proposed Project

While the 2004 WRSP EIR did not evaluate impacts related to greenhouse gas (GHG) emissions, the potential environmental impact of GHG emissions was known or could have been known with reasonable diligence at the time of the certification of the 2004 WRSP EIR, but no one raised the issue to the City. According to case law, a supplemental or subsequent EIR therefore may not be required here simply because the City is considering changes to a project that was approved based on an EIR certified before CEQA expressly required GHG analysis. (See *Citizens Against Airport Pollution v. City of San Jose* (2014) 227 Cal.App.4th 788, 806-808 [upholds addendum for changes to an approved airport master plan even though the underlying 1997 EIR and 2003 Supplemental EIR did not address GHG impacts]; see also *Citizens for Responsible Equitable Environmental Development (CREED) v. City of San Diego* (2011) 196 Cal.App.4th 515, 530-532; and *Concerned Dublin Citizens v. City of Dublin* (2013) 214 Cal.App.4th 1301, 1318-1320.). Thus, based on a body of case law, the 2004 WRSP EIR's lack of GHG analysis does by itself not preclude adoption of an addendum for the proposed project.

As noted in the Transportation/Traffic section of this Addendum, the proposed land use changes requested by the project would result in fewer daily and peak hour trips than the existing land use designations and a net reduction in VMT under proposed project conditions. Therefore, the project would result in fewer GHG emissions than the uses evaluated in the 2014 SPA3 SEIR as a result of changes to parcel F-55. And, overall, GHG emissions from the proposed project would not exceed emissions associated with the land uses approved in 2004 because the approved project's development footprint, energy use, VMTs, or other emissions that might produce GHG have not increased. In fact, emissions should be reduced. Therefore, no new significant impacts or substantially more severe impacts occur from GHG emissions as a result of the proposed project.

Refer to the section above on Energy and below on Utilities and Service Systems for information on energy and water conservation and reduction requirements that also would reduce GHG emissions.

Mitigation Measures: Mitigation measures from prior environmental review that apply to the proposed project are included below; no new measures are warranted. MM 8.1a and 8.1b in the 2014 SPA3 SEIR mitigate potential impacts from GHG emissions.

Mitigation Measure 8.1a: [Implement Energy and Water Efficiency Measures to Reduce GHG Emissions]

Mitigation Measure 8.1b: [Demonstrate Compliance of Future Tentative Maps with Proposed Water Conservation Plan]

Conclusion: As described above and with implementation of the applicable mitigation measures, the proposed project would not result in a new significant impact or significant impacts that are substantially more severe than those analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR.

IX. Hazards and Hazardous Materials

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	2004 WRSP EIR Ch. 4.9 P. 23, 35	No	No	No	None
b) Create a significant hazard to the public or the environment though reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	2004 WRSP EIR Ch. 4.9 P. 23, 27	No	No	No	None
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within on-quarter mile of an existing or proposed school?	2004 WRSP EIR Ch. 4.9 P. 36	No	No	No	None
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	2004 WRSP EIR Ch. 4.9 P. 30	No	No	No	None
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	Not analyzed	No	No	No	None
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing in the project area?	Not analyzed	No	No	No	None
g) Impair implementation of or physically interfere	2004 WRSP EIR	No	No	No	None

with an adopted emergency response plan or emergency evacuation plan?	Ch. 4.9 P. 25				
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	Not analyzed	No	No	No	None
2018 CEQA Checklist Update:					
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard <u>or excessive noise</u> for people residing or working in the project area?	See item e above				
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?	Deleted but captured by item e and Noise item d				
f) g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	See item g above				
g) h) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	See item h above				
Discussion: <u>2004 WRSP EIR</u> The 2004 WRSP EIR concluded that the WRSP project would result in the following impacts to hazards and hazardous materials: • Impact 4.9-1 – increased potential for accidental release or spill of hazardous materials during construction or occupancy (less than significant); • Impact 4.9-2 – increased demand for hazardous materials incident emergency response (less than significant for WRSP area, significant					

for remainder area);

- Impact 4.9-3 – risk of exposure to accidental releases of hazardous materials from the Pleasant Grove Wastewater Treatment Plant (less than significant);
- Impact 4.9-4 – increased risk of soil or water contamination from improper disposal of household hazardous wastes (less than significant);
- Impact 4.9-5 – soil or groundwater contamination related to past uses (significant);
- Impact 4.9-6 – use of recycled water for landscape irrigation in areas accessible to the public (less than significant);
- Impact 4.9-7 – potential effects of electromagnetic fields (EMFs) from high-voltage transmission lines (no impact on WRSP area, less than significant for remainder area);
- Impact 4.9-8 – temporary truck route for transportation of hazardous materials through the WRSP Area (less than significant for WRSP area, no impact for remainder area);

Impact 4.9-9 – siting of a school within one-fourth mile of the handling or transportation of hazardous materials (less than significant for WRSP, significant and unavoidable for remainder area).

Mitigation measures were provided to reduce all hazards and hazardous materials impacts to a less-than-significant level except for significant and unavoidable impacts related to the siting of schools within one-fourth mile of the handling or transportation of hazardous materials for the remainder area (not applicable to the WRSP). (2004 WRSP EIR, pp. 3-15 to 3-16.) Measures that apply to the proposed project are included below. The remaining measure is not included because it applies to the Remainder Area, which is not impacted by the proposed project.

2014 SPA3 SEIR

The 2014 SPA3 SEIR concluded that the SPA3 project would result in no additional impacts related to hazards and hazardous materials beyond what was previously analyzed in the 2004 EIR. As the SEIR noted in its discussion of effects found to have been adequately analyzed in the prior EIR and thus excluded from the SEIR:

The proposed project would not alter the development footprint for Fiddymont Ranch or introduce any land use designations that were not included in the WRSP. Based on field and literature review completed as part of the WRSP EIR, there are no known hazardous materials or hazardous site conditions within the Fiddymont Ranch SPA 3 area. In addition, the WRSP EIR includes a mitigation measure applying to all construction in the Specific Plan area requiring identification and remediation of hazardous site conditions should soil contamination be encountered during construction. With implementation of this measure, development under the proposed Fiddymont Ranch SPA 3 project would not result in any substantial changes in the impacts related to hazards and hazardous materials identified in the WRSP EIR. (Id., p. 1-8.)

Proposed Project

The proposed project does not involve new development areas or new uses which had not previously be anticipated. None of the project uses are known to use, store, generate, or transport large amounts or unusual types of hazardous materials, and existing regulations are sufficient to address the common materials – such as cleaners- which will be used in the project area. Indeed, the change from light industrial uses to a sports facility on the W-60a parcel represents an environmentally beneficial change with respect to the use of hazardous materials. The project

is not on a list of hazardous materials sites, and is not within an airport land use plan, is not located within two miles of a public or public use airport, and is not within the vicinity of a private airstrip. The project area has been proposed for development since 2004, and has been taken into account in the City's emergency preparedness planning since that time. As part of the WRSP, Fire Station #9 was identified to serve the plan area. The project is not located adjacent to any wildlands or wildland fire hazard areas, according to CalFire mapping of wildland fire hazard areas. The project does not introduce any new impacts related to this topic, and impacts will remain less than significant. Therefore, no new significant impacts or substantially more severe impacts occur from hazards and hazardous materials as a result of the proposed project.

Mitigation Measures: Mitigation measures from prior environmental review that apply to the proposed project are included below; no new measures are warranted. MM 4.9-1 and MM 4.9-3 in the 2004 WRSP EIR mitigate for potential impacts as a result of hazards and hazardous materials.

MM 4.9-1: Identify and Remediate Soil Contamination

MM 4.9-3: Temporary Truck Route Notification

Conclusion: As described above and with implementation of the applicable mitigation measures, the proposed project would not result in a new significant impact or significant impacts that are substantially more severe than those analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR.

X. Hydrology and Water Quality

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Violate any water quality standards or waste discharge requirements?	2004 WRSP EIR Ch. 4.12 P. 32	No	No	No	None
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	2004 WRSP EIR Ch. 4.12 P. 48, 57	No	No	No	2004 WRSP EIR MM 4.11-2
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on or off-site?	2004 WRSP EIR Ch. 4.12 P. 32	No	No	No	None
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or off-site?	2004 WRSP EIR Ch. 4.12 P. 32	No	No	No	2004 WRSP EIR MM 4.12 - 1
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted water?	2004 WRSP EIR Ch. 4.12 P. 32	No	No	No	2004 WRSP EIR MM 4.12 -1 through MM 4.12 -3

f) Otherwise substantially degrade water quality?	2004 WRSP EIR Ch. 4.12 P. 42	No	No	No	None
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	2004 WRSP EIR Ch. 4.12 P. 39	No	No	No	2004 WRSP EIR MM 4.12 -4
h) Place within a 100-year flood hazard area structures, which would impede or redirect flood flows?	2004 WRSP EIR Ch. 4.12 P. 39	No	No	No	2004 WRSP EIR MM 4.12 -4
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	2004 WRSP EIR Ch. 4.12 P. 39	No	No	No	None
j) Inundation by seiche, tsunami, or mudflow?	2004 WRSP EIR Ch. 4.12 P. 39	No	No	No	None
2018 CEQA Checklist Update:					
a) Violate any water quality standards or waste discharge requirements <u>or otherwise substantially degrade surface or ground water quality?</u>	2004 WRSP EIR Ch. 4.12 P. 32, 42, 48, 57	No	No	No	2004 WRSP EIR MM 4.11-2
b) Substantially deplete decrease groundwater supplies or interfere substantially with groundwater recharge such that <u>the project may impede sustainable groundwater management of the basin</u> there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	2004 WRSP EIR Ch. 4.12 P. 48, 57	No	No	No	2004 WRSP EIR MM 4.11-2
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river <u>or through the addition of impervious surfaces</u> , in a manner which would:	2004 WRSP EIR Ch. 4.12 P. 32	No	No	No	None

i) <u>result in substantial erosion or siltation on- or off-site;</u>	2004 WRSP EIR Ch. 4.12 P. 32	No	No	No	None
ii) <u>substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;</u>	2004 WRSP EIR Ch. 4.12 P. 32	No	No	No	2004 WRSP EIR MM 4.12 - 1
iii) <u>create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or</u>	2004 WRSP EIR Ch. 4.12 P. 32	No	No	No	2004 WRSP EIR MM 4.12 -1 through MM 4.12 -3
iv) <u>impede or redirect flood flows?</u>	2004 WRSP EIR Ch. 4.12 P. 32	No	No	No	2004 WRSP EIR MM 4.12 - 1
d) <u>In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?</u>	2004 WRSP EIR Ch. 4.12 P. 39	No	No	No	2004 WRSP EIR MM 4.12 -4
e) <u>Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?</u>	See item a above, see also discussion below	No	No	No	None
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or off-site?	Deleted but captured in item c				
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	Deleted but captured in item c				
f) Otherwise substantially degrade water quality?	Deleted but captured in items a and e				
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	Deleted but captured in item d				

Discussion:

2004 WRSP EIR

The 2004 WRSP EIR concluded that the WRSP project would result in the following impacts to hydrology and water quality:

- Impact 4.12-1 – changes in the rate of stormwater runoff (peak flows) through the development of new impervious surfaces (less than significant for WRSP, significant for remainder);
- Impact 4.12-2 – increase in the amount of surface runoff, which would exceed the capacity of existing storm drainage systems and increase the potential for downstream flooding (significant);
- Impact 4.12-3 – placement of fill or structures in the 100-year floodplain could affect water surface elevations, which could increase the risk of flooding (less than significant for the WRSP, significant for the remainder);
- Impact 4.12-4 – erosion and runoff from construction sites containing soil or other materials could degrade water quality if discharged to local streams (less than significant);
- Impact 4.12-5 – changes in surface water or groundwater quality resulting from urban stormwater runoff (less than significant);
- Impact 4.12-6 – groundwater use during dry years (significant for WRSP area, no impact for remainder area);
- Impact 4.12-7 – changes in groundwater recharge potential through the development of impervious surfaces (less than significant).

Mitigation measures were provided to reduce all hydrology and water quality impacts to a less-than-significant level. (Id., p. 3-19.) Measures that apply to the proposed project are included below. Remaining measures have already been implemented or apply only to the Remainder Area, which is not impacted by the proposed project.

2014 SPA3 SEIR

The 2014 SPA3 SEIR concluded that the SPA3 project would result in no additional impacts related to hydrology and water quality beyond what was previously analyzed in the 2004 EIR. As the SEIR noted in its discussion of effects found to have been adequately analyzed in the prior EIR and thus excluded from the SEIR:

The proposed project would increase the amount of impervious surfaces within the project area, as identified in the Initial Study. Specifically, page 31 of the Initial Study states that based on the drainage study for the WRSP, the proposed Fiddymont Ranch SPA would increase impervious surfaces by 5.54 acres and would increase the volume of stormwater runoff from the project site by 5.46 acre-feet per year. The WRSP EIR identifies mitigation requiring that all development within the WRSP contribute a proportionate amount to fund development of a regional retention basin at the time that building permits are issued. The WRSP EIR also found that development within the WRSP must comply with City Improvement Standards, Stormwater Management Manual, other City regulations, and the NPDES program. Implementation of the identified mitigation measure and compliance with the applicable regulations would ensure that impacts associated with stormwater runoff and water quality remain less than significant and that the increased rate and volume of stormwater runoff from the

project would not contribute to any downstream flooding impacts. Use of groundwater and associated impacts to groundwater supply are evaluated in this Recirculated Draft Subsequent EIR in Chapter 9 Public Utilities. (Id., pp. 1-8 to 1-9.)

Proposed Project

The proposed project would not result in additional impacts related to hydrology and water quality beyond what was previously analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR for parcel W-60a. The proposed project does not result in changes to the development footprint beyond what was analyzed in the 2004 EIR and 2014 SPA3 SEIR.

Because parcel F-55 is located adjacent to an open space parcel that contains Coyote Creek, which is partially encumbered by a 100-year floodplain, a floodplain analysis was conducted to determine whether any new hydrology impacts would result due to construction of the project (see Attachment 5). The analysis evaluated the land use changes on parcel F-55, including the introduction of a residential subdivision and small parking area, under four conditions: existing condition, proposed condition, proposed condition with future bike trail bridge, and future fully developed unmitigated (FFDU) condition. According to the analysis prepared by MacKay & Soms on December 6, 2019 (Attachment 5), the total drainage area of Coyote Creek at the confluence with Pleasant Grove Creek is 546.5 acres, and includes the proposed project site on F-55. The analysis included in the Technical Memorandum relies upon information provided by the City of Roseville, including technical memoranda, HEC-1, and HEC-RaAS models for the Coyote Creek Hydrology for Pleasant Valley Sports Complex Floodplain Mapping (submitted by Wood Rodgers, Inc. and dated March 4, 2016); an ArcGIS shapefile of the Coyote Creek Corridor (PL10C) shed; and LiDAR data for the Coyote Creek corridor.

The analysis in the technical memorandum evaluates the following scenarios:

- Existing Conditions: based on the current/existing land use as it is today. The Coyote Creek physical attributes presented in the City's model are not modified.
- Proposed Conditions: same as the existing condition scenario with modifications for the proposed grading and land use of parcel F-55.
- Proposed Conditions with Bike Trail Bridge: same as the proposed condition scenario with the future bike trail bridge (to the south of F-55) included in the hydraulic model
- Future Fully Developed Unmitigated Conditions (FFDU): uses the future fully developed land use for the hydrology and all retention, detention, and bridges are removed from the hydrologic and hydraulic models.

According to the technical memorandum, the proposed 99 unit single-family residential subdivision is a “relatively minor [change] in land use from existing conditions” and creates negligible changes in the 100-year peak flow levels. In comparing the existing, proposed, and FFDU conditions, a less than 3-percent difference is found between the scenarios. Therefore, there is no increase in the severity of impacts beyond what was previously analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR. The technical memorandum determines that the pad elevations for the proposed subdivision on parcel F-55 will meet the City's minimum freeboard requirement of two feet above the 100-year 24-hour maximum water surface elevation. The proposed subdivision will not impact the Coyote Creek floodplain, and there is no detectable change in water surface elevations from the existing conditions for the project as proposed. Regarding the new requirement for a project to not conflict with or obstruct implementation of a sustainable groundwater management plan, none exist for the project area at this time. The project site is within jurisdiction of the Western

Placer Groundwater Sustainability Agency, which has not yet completed its groundwater sustainability plan, due by January 1, 2022. Therefore, no new significant impacts or substantially more severe impacts occur to hydrology and water quality as a result of the proposed project.

Mitigation Measures: The mitigation measure from prior environmental review that applies to the proposed project is included below; no new measures are warranted. MM 4.12 -2 in the 2004 WRSP EIR mitigates potential impacts to hydrology and water quality.

MM 4.12-2: Pay fair-share of Roseville regional stormwater retention facility improvements

Conclusion: As described above and with implementation of the applicable mitigation measures, the proposed project would not result in a new significant impact or significant impacts that are substantially more severe than those analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR.

XI. Land Use and Planning

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Physically divide an established community?	Not analyzed	No	No	No	None
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	2004 WRSP EIR Ch. 4.1 P. 50	No	No	No	None
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	Not analyzed	No	No	No	None
2018 CEQA Checklist Update:					
b) Conflict Cause a significant environmental impact due to a conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	2004 WRSP EIR Ch. 4.1 P. 50	No	No	No	None
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	Deleted but captured by item b and Biological Resources item f				

Discussion:

2004 WRSP EIR

The 2004 WRSP EIR concluded that the WRSP project would result in the following land use and planning impacts:

- Impact 4.1-1 -- potential incompatibility of internal land uses (significant and unavoidable);
- Impact 4.1-2 – potential incompatibility with existing agricultural and other land uses in the Remainder Area, the County, and the City of Roseville (significant);
- Impact 4.1-3 – potential incompatibility with the Pleasant Grove Wastewater Treatment Plant (less than significant for WRSP area, no impact for the remainder area);
- Impact 4.1-5 – interim access to City-owned property (less than significant);
- Impact 4.1-6 – potential incompatibility with the City's General Plan and Zoning Code (less than significant).

2014 SPA3 SEIR

The 2014 SPA3 SEIR identified the following additional project-level and cumulative land use impacts associated with the Fiddymment Ranch SPA3 project:

- Impact 4.1 – conflict with the General Plan, Specific Plan, and Zoning designations (no impact);
- Impact 4.2 – conflict with local and/or regional land use plans and policies adopted for the purpose of avoiding or mitigating an environmental effect (significant);
- Impact 4.3 – creation of land use conflicts or incompatibility (less than significant);
- Impact 11.1 – cumulative land use incompatibility (less than significant)

Proposed Project

The proposed project will not result in new or substantially more severe impacts to land use and planning beyond what was analyzed in the WRSP EIR and the SPA3 SEIR. The project does not alter the development footprint of the WRSP, and will not physically divide an established community. Land uses on parcels F-55 and W-60a would be modified such that portions of parcel F-55 would be changed from PR to a combination of LDR, HDR, OS, and PR land uses, and such that all of parcel W-60a would be changed from LI to PR (refer to Project Description above). For parcel W-60a, which is proposed as the new site for the regional sports park, public/quasi-public uses are located to the north and east of the project site (including the Pleasant Grove Wastewater Treatment Plant), and land designated for light industrial uses is located to the south. A single-family residential neighborhood is located to the west of the site, west of Westbrook Bl. As discussed in the WRSP EIR, the proximity of nonresidential uses, including “public/quasi-public uses, schools, open space, parks, commercial, business professional, light industrial, and industrial” uses, could “lead to incompatibility issues such as noise from equipment and traffic, activity associated with parks and

parking areas, and overflow night lighting.” The impacts of siting residential and nonresidential uses in proximity to one another throughout the Specific Plan was deemed significant and unavoidable. The current land use designation for parcel W-60a is Light Industrial, which presents the same potential for land use conflict as the proposed regional sports park. Additionally, the regional sports park was previously anticipated to be located on parcel F-55, which is also adjacent to residential uses. Therefore, the 2004 WRSP EIR evaluates the potential land use impacts for siting the regional sports park in proximity to residential uses. Mitigation measures in sections 4.5 (Noise) and 4.13 (Aesthetics and Visual Resources) were adopted to reduce potential impacts due to land use incompatibility, and those measures are found within the corresponding sections of this document.

For parcel F-55, which is currently proposed to change from a park use to a combination of LDR, HDR, OS, and PR land uses, impacts related to potential land use conflicts will be less severe than previously anticipated by the 2004 WRSP EIR and 2014 SPA3 SEIR. A high density residential use (apartment complex) is located to the east of parcel F-55, and an open space parcel along Coyote Creek is located to the south. The residential uses are compatible with one another, and the noise and lighting impacts previously anticipated due to the location of the regional sports park on parcel F-55 are no longer applicable. Therefore, no new significant impacts or substantially more severe impacts occur to land use as a result of the proposed project.

Mitigation Measures: No mitigation measures from prior environmental review apply to the proposed project, and no new mitigation measures are required.

Conclusion: As described above, the proposed project would not result in a new significant impact or significant impacts that are substantially more severe than those analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR.

XII. Mineral Resources

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	Not analyzed	No	No	No	None
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	Not analyzed	No	No	No	None

2018 CEQA Checklist Update: No updates were made to Mineral Resources

Discussion:2004 WRSP EIR

The 2004 WRSP EIR did not analyze impacts on mineral resources, because there are no known mineral resources within the WRSP area. (Id., p. 1-9.)

2014 SPA3 SEIR

The 2014 SPA3 SEIR concluded that the SPA3 project would not result in significant impacts related to mineral resources. As the SEIR noted in its discussion of effects found not to be significant or to have been adequately analyzed in the prior EIR and thus excluded from the SEIR:

There are no known mineral resources within the WRSP area. Development of Fiddymment Ranch under the proposed Fiddymment Ranch SPA3 project would not result in any significant impacts to mineral resources. (Id., p. 1-9.)

Proposed Project

The proposed project would result in no additional mineral resources impacts beyond what was previously analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR. As noted in the 2014 SPA3 SEIR, the WRSP area, including the project site, contains no mineral resources. (2014 SPA3

SEIR, p. 1-9.) Therefore, no new significant impacts or substantially more severe impacts occur to mineral resources as a result of the proposed project.

Mitigation Measures: No mitigation measures from prior environmental review apply to the proposed project, and no new mitigation measures are required.

Conclusion: As described above, the proposed project would not result in a new significant impact or significant impacts that are substantially more severe than those analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR.

XIII. Noise

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	2004 WRSP EIR Ch. 4.5 P. 20 2014 SPA3 SEIR 6-15	No	No	No	2004 WRSP EIR MM 4.5 - 1 and MM 4.5 -2 2014 SPA3 SEIR MM 6.2a
b) Exposure of persons to or generation of excessive ground borne vibration of ground borne noise levels?	2004 WRSP EIR Ch. 4.5 P. 41	No	No	No	None
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	2004 WRSP EIR Ch. 4.5 P. 22, 23, 27, 32	No	No	No	2004 WRSP EIR MM 4.5-3 through 4.5- 10
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	2004 WRSP EIR Ch. 4.5 Pg 20	No	No	No	2004 WRSP EIR MM 4.5 -1
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	2014 SPA3 SEIR 6-18	No	No	No	None
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	Not analyzed	No	No	No	None
2018 CEQA Checklist Update:					
a) Exposure of persons to or g Generation of a	2004 WRSP EIR Ch. 4.5 P.	No	No	No	2004 WRSP EIR MM 4.5 -1 and MM 4.5 -2

<u>substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?</u>	20 2014 SPA3 SEIR 6-15				2014 SPA3 SEIR MM 6.2a
b) Exposure of persons to or Generation of excessive groundborne vibration or groundborne noise levels?	2004 WRSP EIR Ch. 4.5 P. 41	No	No	No	None
e) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	Deleted but captured by item a				
c) d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	Deleted but captured by item a				
d) e) For a project located within <u>the vicinity of a private airstrip or an airport land use plan or</u> , where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	2014 SPA3 SEIR 6-18	No	No	No	None
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	Deleted but captured by item d				

Discussion:

2004 WRSP EIR

The 2004 WRSP EIR concluded that the WRSP project would result in the following noise impacts:

- Impact 4.5-1 –short-term noise generated by construction activity (less than significant);
- Impact 4.5-2 – commercial noise sources (significant);
- Impact 4.5-3 – industrial noise (significant for SOI and WRSP areas, no impact for remainder area);
- Impact 4.5-4 – noise from school-related activities (less than significant);
- Impact 4.5-5 – Citywide park noise (significant);

- Impact 4.5-6 – Pleasant Grove Wastewater Treatment Plant noise (less than significant);
- Impact 4.5-7 – fire station noise (less than significant);
- Impact 4.5-8 – on-site traffic noise (significant);
- Impact 4.5-9 – off-site traffic noise levels (less than significant for WRSP area, significant and unavoidable for SOI and remainder area);
- Impact 4.5-10 – changes to City noise contours (less than significant for WRSP area and SOI area, significant for remainder area);
- Impact 4.5-11 – groundborne vibration levels (less than significant).

Mitigation measures were provided to reduce all noise impacts to a less-than-significant level except for significant and unavoidable impacts related to off-site traffic noise levels for properties within the SOI and remainder area. (Id., pp. 3-11 to 3-13.) Measures that apply to the proposed project are included below. Remaining measures are not included because they apply only to the Remainder Area, which is not impacted by the proposed project, or apply to commercial and industrial uses, also not applicable here.

2014 SPA3 SEIR

The 2014 SPA3 SEIR identified the following additional project-level and cumulative noise impacts associated with the Fiddymont Ranch SPA3 project:

- Impact 6.1 – expose existing sensitive receptors to excessive traffic noise levels (less than significant);
- Impact 6.2 – expose future sensitive receptors within the project site to excessive traffic noise levels (significant);
- Impact 6.3 – expose future sensitive receptors within the project site to excessive noise levels associated with the Roseville Energy Park (less than significant);
- Impact 6.4 – expose future sensitive receptors within the project site to excessive aviation-related noise levels (less than significant);
- Impact 11.9 – contribute to cumulative increases in noise levels (potentially significant).

Mitigation measures were provided to reduce all additional noise impacts to a less-than-significant level. (Id., pp. 2-14 to 2-15, 2-21 to 2-22.)

Proposed Project

The 2004 WRSP EIR discusses the Citywide park on parcel F-55, and describes the anticipated noise levels for the park. According to the EIR, the “noise levels associated with a soccer complex are expected to be similar to those associated with a football stadium of approximately 4,000 to 5,000 people. Noise levels could range between 55 dB L_{eq} and 70 dB L_{max} at distances of approximately 500 feet.” At the prior location on parcel F-55, the nearest residences (a high-density apartment complex) could be as close as 200 feet to the proposed soccer complex. Noise levels could be expected to be between 60 dB L_{eq} and 75 dB L_{max} at that distance, which would exceed City standards. Therefore, this was considered a potentially significant impact. MM 4.5-6(a) was approved to reduce the noise impact of the soccer fields within the citywide park to less-than-significant levels. The mitigation measure requires enclosure of the soccer fields, or, if infeasible, separation and shielding of the homes from the soccer complex by the use of berms or barriers. It is anticipated that a minimum 8 dB to 10 dB reduction in noise can be achieved through the site design or through the use of these berms or barriers required by MM 4.5-6(a). However,

this would still exceed nighttime noise level criteria. But MM 4.5-6(a) restricts use of the site noise-generating functions from 7:00 AM to 10:00 PM, which reduced this impact resulting from operation of the sports facility at its previously approved location on parcel F-55 to less than significant level. The proposed project now relocates the Citywide park from parcel F-55 to W-60a. The rear property lines of 34 single-family residences are located within 300 feet of parcel W-60a, opposite arterial roadway Westbrook Bl. The potential for noise impacts to residences within 300 feet of the regional sports park was already considered with the prior 2004 WRSP EIR and 2014 SPA3 EIR, and mitigation measures were adopted to reduce the impacts to less than significant levels. Relevant portions of these same mitigation measures, listed below and discussed above, apply to the current project, and noise impacts due to the relocation of the regional sports park will remain less than significant and, therefore, will not be new or substantially more severe. The proposed project also would introduce a LDR land use on a portion of parcel F-55 for the construction of 99 single-family residential units. Blue Oaks Bl. is located to the north of the subject property, and two City utility sites (Roseville Energy Park and Pleasant Grove Waste Water Treatment Plant) are located to the west/southwest of parcel F-55. To assess whether the proposed residential uses on parcel F-55 would be subject to potential noise impacts, a noise study, prepared by j.c. brennan & associates, Inc. (see Attachment 6), was prepared to evaluate the traffic noise from Blue Oaks Bl. at parcel F-55, as well as noise levels from the Roseville Energy Park and Pleasant Grove Waste Water Treatment Plant. The noise study found that for Blue Oaks Boulevard, based on a traffic volume of 25,540 average daily trips, without attenuation, the predicted noise level at the property lines of the proposed homes would be 69 dB L_{dn} due to traffic along Blue Oaks Bl. This exceeds the City's exterior noise level standard of 60 dB L_{dn} . The study states that the construction of a seven-foot-tall barrier along the property line would attenuate the traffic noise to levels consistent with City policy. Masonry walls along arterial roadways were contemplated as part of the 2004 WRSP in its design guidelines as prescribed by the City's General Plan. (WRSP EIR, p. 4.5-16; see City General Plan Noise Element.) Pursuant to the previously approved WRSP, a masonry wall would be constructed along the Blue Oaks Blvd. frontage, between the residential lots and the street right-of-way with a minimum height of six feet, but a higher wall "may be required based on site specific noise analyses." (WRSP, pp. 12-30 to 12-33; WRSP EIR, p. 4.5-16.) With construction of this masonry wall, as required under the approved WRSP and contemplated in the 2004 WRSP EIR, there would be no new or substantially more severe noise-related impacts from traffic than were analyzed in the previously certified EIRs. It is noted, however, the site-specific noise analysis does not require a wall of higher than six feet.

For the Roseville Energy Park and the Pleasant Grove Waste Water Treatment Plant, noise levels will have a less than significant impact on the proposed homes on parcel F-55. Observational data and noise measurements taken for the noise study indicated that the Energy Park generates noise levels between 45 dBA and 40 dBA L_{eq} , which is less than the City of Roseville's threshold of 52 L_{eq} for industrial uses adjacent to residential areas. Measurements from the Pleasant Grove Waste Water Treatment Plant indicated typical noise levels of 41 dBA L_{eq} . Interior noise levels of 45 dB L_{dn} would be achieved using typical construction methods. Therefore, there would be no new or substantially more severe significant noise-related impacts from adjacent industrial uses compared with the impacts analyzed in the previously certified EIRs

Mitigation Measures: Mitigation measures from prior environmental review that apply to the proposed project are included below; no new measures are warranted. MM 4.5-1, MM 4.5-6(a), and MM 4.5-8 in the 2004 WRSP EIR mitigate potential impacts from noise.

MM 4.5-1: Construction Noise Reduction
MM 4.5-6(a) – Attenuate Park Noise

MM 4.5-8 – On-Site Traffic Noise Attenuation

Conclusion: As described above and with implementation of the applicable mitigation measures, the proposed project would not result in a new significant impact or significant impacts that are substantially more severe than those analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR.

XIV. Population and Housing

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, though extension of roads or other infrastructure)?	2004 WRSP EIR Ch. 4.2 P. 14, 20	No	No	No	None
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	2004 WRSP EIR Ch. 4.2 P. 20	No	No	No	None
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	2004 WRSP EIR Ch. 4.2 P. 20	No	No	No	None
2018 CEQA Checklist Update:					
a) Induce substantial <u>unplanned</u> population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	2004 WRSP EIR Ch. 4.2 P. 14, 20	No	No	No	None
b) Displace substantial numbers of existing <u>people or housing</u> , necessitating the construction of replacement housing elsewhere?	2004 WRSP EIR Ch. 4.2 P. 20	No	No	No	None
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	Deleted but captured by item b				
Discussion:					
2004 WRSP EIR					

The 2004 WRSP EIR concluded that the WRSP project would result in the following impacts to population and housing:

- Impact 4.2-1 – changes in jobs/housing balance (less than significant);
- Impact 4.2-2 – provision of affordable housing (less than significant for WRSP area, significant for remainder area);
- Impact 4.2-3 – displacement of existing housing (less than significant);
- Impact 4.2-4 – inducement of substantial population growth (significant and unavoidable);
- Impact 4.2-5 – consistency with adopted City policies (less than significant).

Mitigation measures were provided to reduce all population and housing impacts to a less-than-significant level except for significant and unavoidable impacts associated with inducement of substantial population growth. These measures are not included here because they have already been implemented or apply to the displacement of existing housing, which is not relevant here because the land involved in the proposed project is currently undeveloped. (Id., pp. 3-8 to 3-9.)

2014 SPA3 SEIR

The 2014 SPA3 SEIR concluded that the SPA3 project would result in no additional impacts related to population and housing beyond what was previously analyzed in the 2004 EIR. As the SEIR noted in its discussion of effects found to have been adequately analyzed in the prior EIR and thus excluded from the SEIR:

All population and housing impacts associated with the proposed project have been adequately addressed in the previous EIR. The proposed project would increase the anticipated residential population of Fiddymment Ranch by 4,335 people, based on the 2010 Census average household size for the City of Roseville of 2.61 persons. This would increase the extent of impacts related to population and housing. The WRSP EIR identified population growth as a significant and unavoidable impact. The proposed project would induce additional population growth beyond the level anticipated in the WRSP EIR, but would not significantly increase or exacerbate the impact; the additional population growth associated with the proposed project would be consistent with the significant and unavoidable impact determination reached in the WRSP EIR. The Initial Study found that development of the WRSP under the proposed Fiddymment Ranch SPA3 project would result in 1.34 jobs per employee housed within the Specific Plan area, which meets the City's standards for jobs/housing balance. The Initial Study also found that development under the proposed project would be required to comply with the City's General Plan policy requiring 10% of new dwelling units to be affordable, which would ensure that the project would have a less than significant impact related to provision of affordable housing. (Id., p. 1-9.)

Proposed Project

The project would increase the number of low density residential units within the WRSP by 99 units, which would increase the projected population of the WRSP by approximately 258 people (based on a household size of 2.61 pph). No existing housing or populations will be displaced by the proposed land use changes, and because no housing will be removed, no replacement housing will need to be constructed. The 2004 WRSP EIR determined that the inducement of substantial population growth was a significant and unavoidable impact of the adoption

of the WRSP, as the intent is to allow additional dwelling units, commercial and industrial uses when adopting a Specific Plan. As with the proposed increase in housing with the SPA3 project, the development footprint of the WRSP will remain the same, and while the project will increase the number of dwelling units within the WRSP, the addition of 99 single-family units and corresponding population increase on parcel F-55 does not constitute substantial growth. The Public Services and Utilities sections of this Addendum establish that the City possesses adequate capacity to accommodate the additional units. Therefore, no new significant impacts or substantially more severe impacts occur from population or to housing as a result of the proposed project.

Mitigation Measures: No mitigation measures from prior environmental review apply to the proposed project, and no new mitigation measures are required.

Conclusion: As described above and with implementation of the applicable mitigation measures, the proposed project would not result in a new significant impact or significant impacts that are substantially more severe than those analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR.

XV. Public Services

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any the public services:					
a) Fire protection?	2004 WRSP EIR Ch. 4.10 P. 5	No	No	No	2004 WRSP EIR MM 4.10-3 through MM 4.10-6
b) Police protection?	2004 WRSP EIR Ch. 4.10 P. 12	No	No	No	2004 WRSP EIR MM 4.10 – 1a, MM 4.10-2
c) Schools?	2004 WRSP EIR Ch. 4.10 P. 23	No	No	No	2004 WRSP EIR MM 4.10-7, MM 4.10-8
d) Parks?	2004 WRSP EIR Ch. 4.10 P. 35	No	No	No	None
e) Other public facilities?	2004 WRSP EIR Ch. 4.10 P. 29	No	No	No	2004 WRSP EIR MM 4.10-9, MM 4.10-10
2018 CEQA Checklist Update: No updates were made to Public Services.					
Discussion: <u>2004 WRSP EIR</u> The 2004 WRSP EIR concluded that the WRSP project would result in the following public services impacts: • Impact 4.10-1 – increased demand for police protection services (significant); • Impact 4.10-2 – increased demand for fire protection services (less than significant for WRSP area, significant for remainder area); • Impact 4.10-3 – increased demand for schools (less than significant for WRSP area, significant for remainder area);					

- Impact 4.10-4 – insufficient schools for CUSD students in proximity to the SOI Amendment Area (no impact for the WRSP area, significant for the remainder area);
- Impact 4.10-5 – increased demand for library services (significant);
- Impact 4.10-6 – increased demand for park facilities (less than significant).

Mitigation measures were provided to reduce all public services impacts to a less-than-significant level. (Id., pp. 3-16 to 3-17.) . Measures that apply to the proposed project are included below. Remaining measures are not included because they have already been implemented or apply to the Remainder Area, which is not impacted by the proposed project.

2014 SPA3 SEIR

The 2014 SPA3 SEIR identified the following additional public services impacts associated with the Fiddymont Ranch SPA3 project:

- Impact 10.1 – increase demands for fire protection; require construction of new or expanded fire protection facilities (less than significant);
- Impact 10.2 – increase demands for police protection; require construction of new or expanded police protection facilities (less than significant);
- Impact 10.3 – increase demands for library services; require construction of new or expanded library facilities (less than significant);
- Impact 10.4 – increase demands for school services; require construction of new or expanded school facilities (less than significant);
- Impact 10.5 – increase demands for park facilities (less than significant);
- Impact 11.15 – contribute to cumulative increases in demands for public services (less than significant).

(Id., pp. 2-20 to 2-21, 2-23.)

Proposed Project

The proposed project would result in a minor increase in the amount of public services required due to the increase of 99 residential units, which does not change prior analysis conclusions because any potential impacts are readily mitigated through the payment of public facility fees that are calculated based on the number of units being constructed. Accordingly, payment of these fees provides funds for any potentially affected public services, so that they may retain their current level of service. In addition, the project was routed to the affected school districts and the City's Parks, Recreation and Libraries Department, the Police Department, and the Fire Department for review and evaluation. Neither the school districts nor these City departments provided comments related to public service provisions. Therefore, there would be no new or substantially more severe impacts to public services as a result of the proposed project.

Mitigation Measures: Mitigation measures from prior environmental review that apply to the proposed project are included below; no new measures are warranted. MM 4.10-1 and 4.10-9 in the 2004 WRSP EIR mitigate potential impacts to public services.

MM 4.10-1(a): Increase Number of Police Officers in the Roseville Police Department
MM 4.10-1(b): Expand the Roseville Police Department Headquarters
MM 4.10-1(c): Expand the Voice Radio Communication System and Data Radio Systems
MM 4.10-9: Provide Library Branches, as Needed

Conclusion: As described above, the proposed project would not result in a new significant impact or significant impacts that are substantially more severe than those analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR.

XVI. Recreation

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that physical deterioration of the facility would occur or be accelerated?	2004 WRSP EIR Ch. 4.10 P. 35	No	No	No	None
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	2004 WRSP EIR Ch. 4.10 P. 35	No	No	No	None

2018 CEQA Checklist Update: No updates were made to Recreation.

Discussion:2004 WRSP EIR

The 2004 WRSP EIR concluded that the WRSP project would result in the following impact to recreation:

- Impact 4.10-6 – increased demand for park facilities (less than significant).

(Id., p. 3-17.)

2014 SPA3 SEIR

The 2014 SPA3 SEIR concluded that the SPA3 project would result in no additional impacts related to recreation beyond what was previously analyzed in the 2004 EIR. As the SEIR noted in its discussion of effects found to have been adequately analyzed in the prior EIR and thus excluded from the SEIR:

As stated in the NOP for this EIR and documented in Section XV Recreation of the Initial Study, the project's potential impacts related

to recreation were adequately addressed in the WRSP EIR. As discussed in Section XV of the Initial Study, development under the proposed Fiddymment Ranch SPA 3 project would increase the residential population of the WRSP area, which would increase the total amount of parkland and open space necessary to meet the City's required park-to-population standard of nine acres per 1,000 residents. Specifically, the standard requires [] three acres each of city-wide parks, neighborhood parks, and open space per 1,000 residents. With the increased residential population under the proposed Fiddymment Ranch SPA 3 project, the WRSP area would support a total of 26,038 residents, requiring 78.11 credited acres of each type of parkland and open space throughout the WRSP. A traditional active park is normally granted a 1:1 park acreage credit, while open space areas are granted partial park acreage credits of either 10:1 or 5:1. Most of the open space within the WRSP is credited towards the open space requirement at a 10:1 ratio.

The 2014 WRSP land use plan provided more park and open space than was needed to meet the City's required park-to-population standard. When accounting for the partial park acreage credits given to open space areas, the WRSP including the SPA3 project, which includes slight increases in parkland and open space, provided a total of 123.49 acres of City-wide parks, 87.52 acres of neighborhood parks, and 79.48 acres of open space. The parcels allocated for parkland and open space are identified in the WRSP, which is available for review at the location included above.

Park sites and acreage did not change substantially under the SPA3 project. It was found that potential environmental effects from developing park sites within the Fiddymment Ranch area were adequately addressed and evaluated throughout the WRSP EIR and the Initial Study.

(Id., pp. 1-9 to 1-10.)

Proposed Project

The proposed project would relocate the planned regional sports park from parcel F-55 to W-60a and change land use designations and zoning accordingly (see Project Description). Also, the proposed project includes the construction of an additional 99 residential units. These changes would result in a decrease of 0.57 acre of parks and recreational space, but the recreational services offered within the WRSP would not change. Further, the increase in population as a result of this increase in housing would not be considered "substantial growth" that would substantially increase the use of existing recreational resources or require the construction of new ones (see Population and Housing above). Because, as discussed above, the WRSP provides substantially more parkland within the WRSP than is required by City policy, a 0.57 acre decrease in parkland and small population increase would not trigger a new significant impact or a substantially more severe significant impact to recreation facilities. Further, the proposed project would retain 4.03 acres of park land (parcel F-55b) and would add 0.86 acre of open space within the WRSP, which does not directly offer recreational space but can increase the opportunity for some recreational activities, such as bird watching.

Also, as part of the proposed project, the City will have to formally abandon the park that was planned and approved for parcel F-55. This process, as described in the Project Description, is required by Government Code sections 38501 to 38510. After completion of this process, the City may formally abandon the park plans for parcel F-55 that were approved in the 2004 WRSP. This action by the City would not impact recreational resources because it is administrative only. The near exact park facilities that were planned for parcel F-55 will be relocated to W-

60a, so, as discussed just above, there will be no impact to recreation. Therefore, no new significant impacts or substantially more severe impacts occur to recreational resources as a result of the proposed project.

Mitigation Measures: No mitigation measures from prior environmental review apply to the proposed project, and no new mitigation measures are required.

Conclusion: As described above, the proposed project would not result in a new significant impact or significant impacts that are substantially more severe than those analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR.

XVII. Transportation/Traffic

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
a) Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	2004 WRSP EIR Ch. 4.3 P. 51 2014 SPA3 SEIR 5-26	No	No	No	2004 WRSP EIR MM 4.3-1 through MM 4.3-9 2014 SPA3 SEIR MM 5.1a, MM 5.5a, MM 5.6a, MM 5.8a, MM 5.12a, MM 5.13a
b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	2004 WRSP EIR Ch. 4.3 P. 51	No	No	No	2004 WRSP EIR MM 4.3-1 through MM 4.3-6 2014 SPA3 SEIR MM 5.1a, MM 5.5a, MM 5.6a, MM 5.8a, MM 5.12a, MM 5.13a
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	Not analyzed	No	No	No	None
d) Substantially increase hazards due to a design feature(s) (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	Not analyzed	No	No	No	None
e) Result in inadequate emergency access?	2004 WRSP EIR Ch. 4.10 P. 11	No	No	No	2004 WRSP EIR MM 4.10-1 through 4.10-6
f) Conflict with adopted policies, plans, or programs supporting public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance	2004 WRSP EIR Ch. 4.3 P. 75, 76, 78	No	No	No	2004 WRSP EIR MM 4.3-7, MM 4.3-8, MM 4.3-9

or safety of such facilities?	2014 SPA3 SEIR 5-32				
2018 CEQA Checklist Update: Section title updated to "Transportation."					
Would the project:					
a) Conflict with an applicable program plan, ordinance or policy establishing measures of effectiveness for the performance of addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities? taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	2004 WRSP EIR Ch. 4.3 P. 51 2014 SPA3 SEIR 5-26	No	No	No	2004 WRSP EIR MM 4.3-1 through MM 4.3-9 2014 SPA3 SEIR MM 5.1a, MM 5.5a, MM 5.6a, MM 5.8a, MM 5.12a, MM 5.13a
b) Conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)? Conflict with an applicable congestion management program, including, but not limited to level-of-service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	2004 WRSP EIR Ch. 4.3 P. 51	No	No	No	2004 WRSP EIR MM 4.3-1 through MM 4.3-6 2014 SPA3 SEIR MM 5.1a, MM 5.5a, MM 5.6a, MM 5.8a, MM 5.12a, MM 5.13a
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	Deleted but captured by Hazards and Hazardous Materials item e				
c) d) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	See item d above				
d) e) Result in inadequate emergency access?	See item e above				
f) Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance	Deleted but captured by item a				

or safety of such facilities?	
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Discussion:2004 WRSP EIR

The 2004 WRSP EIR concluded that the WRSP project would result in the following transportation impacts:

- Impact 4.3-1 – increased traffic on City of Roseville roadways (significant and unavoidable);
- Impact 4.3-2 – increased traffic on State highways (significant and unavoidable);
- Impact 4.3-3 – increased traffic on Placer County roadways (significant and unavoidable);
- Impact 4.3-4 – increased traffic on City of Rocklin roadways (less than significant for WRSP area, significant and unavoidable for SOI and remainder areas);
- Impact 4.3-5 – increased traffic on Sutter County roadways (less than significant);
- Impact 4.3-6 – increased traffic on Sacramento County roadways (less than significant for WRSP area, significant and unavoidable for SOI and remainder areas);
- Impact 4.3-7 – increased demand for bicycle facilities (less than significant for WRSP area, significant for SOI and remainder areas);
- Impact 4.3-8 – transit access and circulation (significant);
- Impact 4.3-9 – increased congestion due to proposed pedestrian district overlay (less than significant for WRSP area, significant and unavoidable for SOI and remainder areas).

Mitigation measures were provided to reduce transportation impacts to a less-than-significant level except for the significant and unavoidable impacts indicated above. (Id., pp. 3-9 to 3-10.) Measures that apply to the proposed project are included below. Remaining measures only apply to the Remainder Area, which is not impacted by the proposed project.

2014 SPA3 SEIR

The 2014 SPA3 SEIR identified the following additional project-level and cumulative transportation impacts associated with the Fiddymint Ranch SPA3 project:

- Impact 5.1 – increased traffic volumes through City of Roseville intersections under existing plus project conditions (significant);
- Impact 5.2 – increased demand for transit services within the City of Roseville under existing plus project conditions (less than significant);
- Impact 5.3 – increased demand for bicycle facilities within the City of Roseville under existing plus project conditions (less than significant);
- Impact 5.4 – increased traffic volumes through intersections within the City of Rocklin under existing plus project conditions (significant)

and unavoidable);

- Impact 5.5 – increased traffic volumes through intersections within Placer County under existing plus project conditions (significant and unavoidable);
- Impact 5.6 – increased traffic volumes on roadways within Placer County under existing plus project conditions (significant and unavoidable);
- Impact 5.7 – increased traffic volumes through intersections within Sacramento County under existing plus project conditions (less than significant);
- Impact 5.8 – increased traffic volumes on roadways within Sacramento County under existing plus project conditions (significant and unavoidable);
- Impact 5.9 – increased traffic volumes through intersections within Sutter County under existing plus project conditions (significant and unavoidable);
- Impact 5.10 – increased traffic volumes on roadways within Sutter County under existing plus project conditions (less than significant);
- Impact 5.11 – increased traffic volumes at state highway interchanges under existing plus project conditions (less than significant);
- Impact 5.12 – increased traffic volumes on state highways under existing plus project conditions (significant and unavoidable);
- Impact 5.13 – increased traffic volumes through City of Roseville intersections under 2025 CIP plus project conditions (significant and unavoidable);
- Impact 5.14 – increased traffic volumes through Placer, Sacramento, and Sutter County intersections under 2025 CIP plus project conditions (less than significant);
- Impact 5.15 – increased traffic volumes on Placer, Sacramento, and Sutter County roadway segments under 2025 CIP plus project conditions (less than significant);
- Impact 5.16 – increased traffic volumes at state highway interchanges under 2025 CIP plus project conditions (less than significant);
- Impact 5.17 – increased traffic volumes on state highways under 2025 CIP plus project conditions (significant and unavoidable);
- Impact 11.2 – increased traffic volumes on City of Roseville roadways under 2025 cumulative plus project conditions (less than significant);
- Impact 11.3 – increased traffic volumes on City of Rocklin roadways under 2025 cumulative plus project conditions (less than significant);
- Impact 11.4 – increased traffic volumes on Placer County roadways under 2025 cumulative plus project conditions (less than significant);
- Impact 11.5 – increased traffic volumes on Sacramento County roadways under 2025 cumulative plus project conditions (less than significant);
- Impact 11.6 – increased traffic volumes on Sutter County roadways under 2025 cumulative plus project conditions (less than significant);
- Impact 11.7 – increased traffic volumes on state highway interchanges under 2025 cumulative plus project conditions (less than significant);
- Impact 11.8 – increased traffic volumes on state highways under 2025 cumulative plus project conditions (significant and unavoidable).

Mitigation measures were provided to reduce transportation impacts to a less-than-significant level except for the significant and unavoidable impacts indicated above. (Id., pp. 2-11 to 2-14, 2-21.)

Proposed Project

The proposed project would modify the land use and zoning designations for parcels F-55 and W-60a. These changes would relocate the planned regional sports park from parcel F-55 to W-60a, change land use uses and zoning as discussed in the Project Description, and add 99 residential units to the WRSP. Given the proposed land use changes, a Traffic Impact Assessment (TIA) was prepared to evaluate the new proposed regional sports park on W-60a and the 99-unit subdivision on F-55. The TIA, prepared by Fehr & Peers on October 23, 2019 (Attachment 7), compares the proposed land uses to the existing land uses in terms of trip generation, vehicle miles traveled (VMT), and site access to parcels F-55 and W-60a.

The TIA shows that compared to the existing land use designations, the uses included with the project will have less of an impact than the existing use types. According to the TIA, the project will overall generate 2,305 fewer trips per day than the existing uses. The estimated number of daily trips is primarily reduced due to the proposed single-family residential use on parcel F-55, which will go from 3,520 daily trips associated with what was initially proposed as a 10-field regional sports complex to 891 daily trips with the new single family residential use. Daily trips for W-60a will experience a slight increase with the change from light industrial to parks and recreation for what is now proposed as a 6-field regional sports park, increasing from 2,500 trips per day to 2,816. Overall, AM and PM peak hour trips are reduced between the two sites by 259 trips and 359 trips, respectively. The reduction in trips between the sports complex previously planned for the F-55 parcel and the new project on W-60a is due to the reduction in the number of sports fields, where F-55 had planned 10 fields and W-60a is planned to include only 6 fields. For VMT, which estimates the total vehicle miles traveled for all roadways within the city, has an existing value of 5,379,419. The project shows a total VMT of 5,377,176, which is a net reduction of 2,243 VMT. As the overall impact of the project is less than what was previously anticipated, the existing analysis is adequate and the project will not generate new or substantially more severe impacts related to traffic or transportation.

Additionally, the TIA evaluated the proposed site access to both parcels F-55 and W-60a. The subdivision on parcel F-55 proposes one driveway onto Blue Oaks Bl., and includes an emergency vehicle access point (also onto Blue Oaks Bl.). The TIA evaluates the project driveway design in comparison to the City of Roseville Design and Construction Standards and finds that all standards can be met. For parcel W-60a, which is the site for the proposed regional sports park but does not yet include a detailed design, it is anticipated that two driveways onto Westbrook Bl. will be constructed. For the evaluation, the TIA uses a conceptual site plan developed by MacKay & Somps in September 2018, which assumes a full access driveway on Westbrook Bl. directly across from Brookstone Dr., as well as a right-turn only driveway 430 feet south of the Brookstone driveway. The TIA notes that a full analysis of signal timing, lane configuration, etc. should occur when a park design is proposed. Therefore, no new significant impacts or substantially more severe impacts occur to transportation and traffic as a result of the proposed project.

The City notes, moreover, that, as of late 2018, when the California Natural Resources Agency promulgated CEQA Guidelines section 15064.3, which will require transportation analyses, as of July 1, 2020, to consider the VMT associated with proposed projects, “automobile delay, as described solely by level of service or similar measures of vehicular capacity or traffic congestion shall not be considered a significant impact on the environment pursuant to [CEQA], except in locations specifically identified in the guidelines, if any.” (Pub. Resources Code, § 21099, subd. (b)(2).) In *Citizens for Positive Growth & Preservation v. City of Sacramento* (2019) 43 Cal.App.5th 609, the Court of Appeal invoked this statutory language in refusing to address the merits of a legal argument attacking a lead agency’s level of service (LOS) analysis in an EIR in

litigation. The court reasoned that, in contemplating a remand to the respondent agency, the court had to apply the law as it existed at the time of its decision. Because, as of late 2019, when the Court decided the case, the use of LOS analysis as a basis for assessing environmental impacts was prohibited by CEQA, the court considered the LOS challenge to be moot. The appellate decision makes it clear that, to the extent that CEQA lead agencies continue to analyze LOS impacts in CEQA after the end of 2018, the agencies are doing so on a voluntary basis, and their conclusions, as a practical matter, cannot be successfully challenged in court.

Mitigation Measures: Mitigation measures from prior environmental review that apply to the proposed project are included below; no new measures are warranted. MM 4.3-2, MM 4.3-3, and MM 4.3-8 in the 2004 WRSP EIR mitigate potential impacts to transportation systems.

MM 4.3-2(a–d): Fair Share Policies for Improvements in the CIP at the Following City Intersections: Diamond Creek/Blue Oaks; Fiddymont Road/Baseline Road; Foothills Boulevard/Blue Oaks Boulevard; Fiddymont Road/Pleasant Grove Boulevard

MM 4.3-3(a–c): Construct Identified Roadway Improvements on Placer County Roadways and Limit Access to Phillip Road

MM 4.3-8: Pay Fair Share of Additional Transit Services

Conclusion: As described above, the proposed project would not result in a new significant impact or significant impacts that are substantially more severe than those analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR.

XVIII. Tribal Cultural Resources

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
Would the project cause a substantial adverse change in the significance of a Tribal Cultural Resource as defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:					
a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k)?	2004 WRSP EIR Ch. 4.8	No	No	No	2004 WRSP EIR MM 4.8 – 4(a) through MM 4.8 -9
b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1? In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1 the lead agency shall consider the significance of the resource to a California Native American tribe.	Not analyzed	No	No	No	None
2018 CEQA Checklist Update: No updates were made to Tribal Cultural Resources.					
Discussion: In addition to archeological resources, tribal cultural resources are also given particular treatment. Tribal cultural resources are defined in Public Resources Code Section 21074, as either 1) a site, feature, place, geographically-defined cultural landscape, sacred place, or object with cultural value to a California Native American Tribe, that is listed or eligible for listing on the California Register or Historical Resources, or on a local register of historical resources or as 2) a resource determined by the lead agency, supported by substantial evidence, to be significant according to the historical register criteria in Public Resources Code section 5024.1(c), and considering the significance of the resource to a California Native American Tribe. This section, which was part of Assembly Bill (AB) 52 (2014) (discussed below), was added to the CEQA Guidelines after the publication of the prior environmental document to which this Addendum is attached, but cultural resources were addressed in that document. The only item not completed was the required notice to tribes which have requested such notice pursuant to the Public Resources Code. As part of this Addendum, notice of the proposed project was mailed to tribes which had requested such notice, and no requests for consultation were received.					

2004 WRSP EIR

The requirement to analyze impacts on tribal cultural resources was not added to CEQA until January 2015 with the 2014 passage of Assembly Bill (AB) 52. However, the 2004 WRSP EIR analyzed impacts on cultural resources, which include tribal cultural resources. The 2004 WRSP EIR concluded that the WRSP project would result in the following impacts to cultural resources:

- Impact 4.8-1 – disturb, damage, or destroy unidentified subsurface archaeological resources during project construction (significant);
- Impact 4.8-2 – removal of historically significant properties and/or loss of historic integrity of such resources (significant and unavoidable);
- Impact 4.8-3 – disturb unknown paleontological resources during site preparation (significant);
- Impact 4.8-4 – damage or destroy historic or prehistoric resources during construction of off-site infrastructure (significant).

Mitigation measures were provided to reduce all cultural resources impacts to a less-than-significant level except for significant and unavoidable impacts related to the removal of historically significant properties and/or loss of historic integrity of such resources. (Id., p. 3-15.)

2014 SPA3 SEIR

Additionally, the 2014 SPA3 SEIR addressed impacts on cultural resources, which include tribal cultural resources. The 2014 SPA3 SEIR concluded that the SPA3 project would result in no additional impacts to cultural resources beyond what was previously analyzed in the 2004 EIR. As the SEIR noted in its discussion of effects found to have been adequately analyzed in the prior EIR and thus excluded from the SEIR:

The WRSP EIR identified that the project area supported a historically significant site – the Fiddymment Ranch Main Complex. The proposed Fiddymment Ranch SPA3 project does not affect land in the area of this site. As discussed in the WRSP EIR, a field survey was conducted to identify archeological resources throughout the WRSP area. No archeological resources were identified during this survey. While there are no known archeological resources within the Fiddymment Ranch SPA3 project site, as is typical of most projects in the area, there is the potential that subsurface cultural resources could be uncovered during project construction. The likelihood of subsurface resources is no greater with or without the project since earthmoving would be required under the existing WRSP as well as under the proposed Fiddymment Ranch SPA3 project. The WRSP EIR identifies mitigation measures to ensure that any subsurface archeological or paleontological resources uncovered during project construction are adequately protected. With implementation of these measures, development under the proposed project would not result in any substantial changes in the cultural resource impacts identified in the WRSP EIR. Id., p. 1-8.)

Proposed Project

No AB 52 consultation is required for the proposed project, because it does not trigger the preparation of a negative declaration, mitigated negative declaration, or EIR. (Public Resources Code § 21080.3.1(b).) Required notice was sent to tribes who had requested such notice under the provisions of SB 18, due to the proposed General Plan land use change. No requests for consultation were made. The proposed

project would result in no additional impacts to cultural resources, including tribal cultural resources, beyond what was previously analyzed in the 2004 WRSP EIR and 2014 Fiddymont Ranch SPA3 SEIR. The proposed project would result in no changes in development footprint beyond what was analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR. Therefore, no new significant impacts or substantially more severe impacts occur to cultural resources as a result of the proposed project.

Mitigation Measures: No mitigation measures from prior environmental review apply to the proposed project, and no new mitigation measures are required.

Refer to applicable measures in Cultural Resources discussed above.

Conclusion: As described above and with implementation of the applicable mitigation measures, the proposed project would not result in a new significant impact or significant impacts that are substantially more severe than those analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR.

XIX. Utilities and Service Systems

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	2004 WRSP EIR Ch. 4.11 P. 38 2014 SPA3 SEIR 9B-8	No	No	No	2004 WRSP EIR MM 4.11-3
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	2004 WRSP EIR Ch. 4.11 P. 25, 31, 38, 41 2014 SPA3 SEIR 9B-10	No	No	No	2004 WRSP EIR MM 4.11- 1 through 4.11-4 2014 SPA3 SEIR MM 9B.3a
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	2004 WRSP EIR Ch. 4.12 P. 32	No	No	No	2004 WRSP EIR MM 4.12 -2
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	2004 WRSP EIR Ch. 4.11 P. 25 2014 SPA3 SEIR 9A-19	No	No	No	2004 WRSP EIR MM 4.11- 1
e) Result in a determination by the wastewater treatment provider which serves the project that it has adequate capacity to serve the project's projected demand in addition of the provider's existing commitments?	2004 WRSP EIR Ch. 4.11 P. 66, 70	No	No	No	2004 WRSP EIR MM 4.11-5, MM 4.11-6
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	2004 WRSP EIR Ch. 4.11 P. 81, 85	No	No	No	2004 WRSP EIR MM 4.11-7 through MM 4.11-12

g) Comply with federal, state, and local statutes and regulations related to solid waste?	2004 WRSP EIR Ch. 4.11 P. 81	No	No	No	2004 WRSP EIR MM 4.11-12
2018 CEQA Checklist Update:					
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	Deleted but captured by items a and c				
a b) Require or result in the relocation or construction of new or expanded water, or wastewater treatment or stormwater, drainage, electric power, natural gas, or telecommunications facilities or expansion of existing facilities, the construction or relocation of which could cause significant environmental effects?	2004 WRSP EIR Ch. 4.11 P. 25, 31, 32, 38, 41 2014 SPA3 SEIR 9B-8, 9B-10	No	No	No	2004 WRSP EIR MM 4.11- 1 through 4.11-4, MM 4.12 -2 2014 SPA3 SEIR MM 9B.3a
e) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	Deleted but captured by item a				
b d) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years from existing entitlements and resources, or are new or expanded entitlements needed?	2004 WRSP EIR Ch. 4.11 P. 25 2014 SPA3 SEIR 9A-19	No	No	No	2004 WRSP EIR MM 4.11- 1
c e) Result in a determination by the wastewater treatment provider which serves the project that it has adequate capacity to serve the project's projected demand in addition of the provider's existing commitments?	See item e above				

<u>d f)</u> Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals? Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	2004 WRSP EIR Ch. 4.11 P. 81, 85 See item e below	No	No	No	2004 WRSP EIR MM 4.11-7 through MM 4.11-12 See item e below
<u>e g)</u> Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	2004 WRSP EIR Ch. 4.11 P. 81	No	No	No	2004 WRSP EIR MM 4.11-12

Discussion:

2004 WRSP EIR

The 2004 WRSP EIR concluded that the WRSP project would result in the following impacts to public utilities:

- Impact 4.11-1 – availability of water supplies to meet demand in wet years (less than significant for WRSP area, significant and unavoidable for remainder area);
- Impact 4.11-2 – availability of water supplies to meet demand in dry years (significant for WRSP area, significant and unavoidable for remainder area);
- Impact 4.11-3 – capacity of water treatment system to meet potable demand (less than significant for WRSP area, significant and unavoidable for remainder area);
- Impact 4.11-4 – extension of existing potable water distribution system (less than significant for WRSP area, significant for remainder area);
- Impact 4.11-5 – availability of recycled water to meet demand and installation of recycled water infrastructure (less than significant);
- Impact 4.11-6 – construction or expansion of wastewater collection facilities (less than significant);
- Impact 4.11-7 – construction or expansion of wastewater treatment facilities (significant);
- Impact 4.11-8 – increased wastewater discharge regulated by the RWQCB (less than significant);
- Impact 4.11-9 – increased demand for solid waste services at the landfill (significant and unavoidable);
- Impact 4.11-10 – increased demand for solid waste services at the MRF (significant and unavoidable);
- Impact 4.11-11 – construction debris demand for solid waste services (significant and unavoidable);
- Impact 4.11-12 – increased demand for electricity (less than significant for WRSP area, significant for remainder area);
- Impact 4.11-13 – increased demand for natural gas (less than significant);
- Impact 4.11-14 – increased demand on cable television and telephone services (less than significant).

Mitigation measures were provided to reduce all utilities impacts to a less-than-significant level except for significant and unavoidable impacts associated with solid waste services at both the landfill and the MRF. (Id., pp. 3-17 to 3-18.) Measures that apply to the proposed project are included below. Remaining measures are not included because they apply to other areas not impacted by the proposed project, such as the Remainder Area or Reason Farms.

2014 SPA3 SEIR

The 2014 SPA3 SEIR concluded that the SPA3 project would result in the following additional impacts to utilities beyond what was previously analyzed in the 2004 EIR:

- Impact 9A.1 – require new or expanded water supply entitlements (less than significant);
- Impact 9A.2 – impact on American River and Delta associated with surface water diversion (less than significant);
- Impact 9A.3 – require new or expanded water treatment facilities (less than significant);
- Impact 9A.4 – deplete groundwater supplies (less than significant);
- Impact 9B-1 – impair water quality as a result of increased wastewater discharges (less than significant);
- Impact 9B.2 – construction or expansion of wastewater collection/conveyance facilities (less than significant);
- Impact 9B.3 – exceed wastewater treatment capacity or result in physical environmental effects from construction or expansion of wastewater treatment facilities (significant);
- Impact 11.12 – contribute to cumulative increase in demands for potable water (significant and unavoidable);
- Impact 11.13 – contribute to cumulative increase in demands for wastewater treatment and conveyance (significant and unavoidable);
- Impact 11.14 – contribute to cumulative increases in demands for recycled water (less than significant).

Mitigation measures were provided to reduce the additional utilities impacts to a less-than-significant level, with the exception of significant and unavoidable cumulative impacts to potable water supply and wastewater treatment facilities. (Id., pp. 2-19 to 2-20, 20-23.) Measures that apply are included below.

In addition, the SEIR concluded that the effects to solid waste, electricity, and natural gas were adequately analyzed in the prior EIR and thus excluded from the SEIR. As the SEIR noted in its discussion of effects found to have been adequately analyzed in the prior EIR and thus excluded from the SEIR:

Solid Waste

As discussed in the Initial Study, development under the proposed Fiddymont Ranch SPA3 project would increase the amount of solid waste processed at the Materials Recovery Facility (MRF) and the Western Regional Sanitary Landfill (WRSL). The additional material processed at the MRF would not exceed the MRF daily processing capacity. The additional material disposed of at the landfill would contribute to a shortening of the lifespan of the landfill. The WRSP EIR identified several mitigation measures to reduce the amount of solid waste generated at the project site including requiring payment of collection fees, a portion of which shall be used to service bonds

necessary to fund expansion of the landfill, providing each residence with a green waste container, and requiring the construction waste stream be reduced by 50%. Development under the proposed project would be required to implement these mitigation measures, but the impact would remain significant and unavoidable, as identified in the WRSP EIR.

Electricity and Natural Gas

Electricity in the area is provided by Roseville Electric and natural gas is provided by Pacific Gas & Electric (PG&E). Impacts 4.11-12 and 4.11-13 in the WRSP EIR evaluated the potential for development of the WRSP to increase demands for electricity and natural gas and found these impacts to be less than significant. The proposed project would increase the amount of residential and commercial development within the WRSP, which would incrementally increase the total demand for electricity and natural gas in the Specific Plan area. There are no known constraints for provision of electric or natural gas service to the WRSP, including the additional residences and commercial land uses that would be developed under the proposed project. Existing and planned facilities would be sufficient to serve the increased demands associated with the proposed Fiddymont Ranch SPA3 project. Revenue sources for service providers would include direct installation fees collected as a condition of approval for the project as well as electric and natural gas service rates collected from service users (i.e., individual home owners/renters and commercial businesses). As noted in the WRSP EIR, compliance with Title 20 and 24 of the California Code of Regulations, which mandate minimum energy efficiency standards, would ensure that energy consumption from each individual building is minimized. Further, since the time that the WRSP EIR was prepared, a new California Building Code, referred to as CalGreen, has been adopted. CalGreen establishes additional energy efficiency standards that would further reduce energy consumption and commitments relative to greenhouse gas emissions. (Id., pp. 1-11 to 1-12.)

Proposed Project

The proposed project would modify the land use and zoning designations for parcels F-55 and W-60a. These changes would relocate the planned regional sports park from parcel F-55 to W-60a, change the land use uses and zoning as discussed in the Project Description, and add 99 residential units to the WRSP. No units are allocated to the HDR portion of parcel F-55, which would be developed as an auxiliary parking lot to serve the existing HDR development on parcel F-20. Due to the proposed land use changes, a technical memorandum to evaluate utility demands for the new uses was prepared by MacKay & Somps (Attachment 8). The technical memorandum evaluates the utility demands (water, recycled water, sanitary sewer flow) for the existing and approved land use types, and compares those service levels to that of the proposed land uses. The memorandum concludes that the total water demand (mgd) for potable water is reduced by 0.008 mgd under proposed project conditions; the demand for recycled water is reduced by 0.025 mgd, and the average dry weather flow (ADWF) for sanitary sewer flow is reduced by 1,614 gpd. Overall, the proposed land use changes will result in a lower demand on public utilities than the current land uses. Detailed information about water supply is available in the 2014 SPA3 SEIR, Chapter 9A, which states that, under all climate conditions, “existing [water] supply” “is sufficient to meet “Citywide demands,” inclusive of WRSP development (2014 SPA3 SEIR, pp. 9A-11, 9A-23.) Therefore, there is no new impact to utilities and services systems and no substantial increase in the severity of impacts as a result of the proposed project.

Mitigation Measures: Mitigation measures from prior environmental review that apply to the proposed project are included below; no new

measures are warranted. MM 4.11-5, MM 4.11-7, MM 4.11-8, MM 4.11-10, and MM 4.11-11 in the 2004 WRSP EIR and MM 9B.3a in the 2014 SPA3 SEIR mitigate potential impacts to utilities and service systems.

MM 4.11-5: Treatment plant capacity

MM 4.11-7: Expand the WRSI landfill

MM 4.11-8: Greenwaste receptacles

MM 4.11-10: Increase MRF capacity

MM 4.11-11: Divert construction debris

MM 9B.3a: [Fair Share Payment toward Construction of Additional Wastewater Treatment Capacity]

Conclusion: As described above and with implementation of the applicable mitigation measures, the proposed project would not result in a new significant impact or significant impacts that are substantially more severe than those analyzed in the 2004 WRSP EIR and 2014 SPA3 SEIR.

XX. Wildfire

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
2018 CEQA Checklist Update: Wildfire is a new issue area.					
If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:					
a) <u>Substantially impair an adopted emergency response plan or emergency evacuation plan?</u>	Not Applicable				
b) <u>Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?</u>	Not Applicable				

c) <u>Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?</u>	Not Applicable
d) <u>Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?</u>	Not Applicable
Discussion: The project site is not within a State Responsibility Area and receives fire protection from the Roseville Fire Department—not CAL FIRE (2004 WSRP EIR, p. 4.10-7; 2014 SPA3 SEIR, p. 10-2). Mitigation Measures: Not applicable. Conclusion: None required.	

XXI. Mandatory Findings of Significance

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of an endangered, threatened or rare species, or eliminate important examples of the major periods of California history or prehistory?	2004 WRSP EIR Ch. 5 Pg. 15 2014 SPA3 SEIR 11-4	No	No	No	None

b) Does the project have impacts which are individually limited, but cumulatively considerable? (“Cumulatively considerable” means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)	Same	No	No	No	2014 SPA3 SEIR MM 11.8a, MM 11.9a, MM 11.10a
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	Same	No	No	No	None
2018 CEQA Checklist Update:					
a) Does the project have the potential to <u>substantially</u> degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, <u>substantially</u> reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	See item a above				
Discussion: The previously certified EIRs and this Addendum disclose all potential environmental impacts, their level of significance, mitigation measures to reduce significance, and the various components of the proposed project. Analysis in in Biological Resources, Cultural Resources, Geology and Soils, and Tribal Cultural Resources demonstrates that the proposed project does not result in any new significant impacts or any substantial increases in the severity of previously-identified significant impacts to the environment, habitat or population of a fish or wildlife species, plant, or animal community, rare or endangered plant or animal, or artifacts of history or prehistory. Likewise, analysis in Air Quality, Geology and Soils, Greenhouse Gas Emissions, Hazards and Hazardous Materials, Hydrology and Water Quality, Mineral Resources, Noise, Population and Housing, Public Services, Recreation, Transportation, and Utilities and Service Systems demonstrates that the proposed project does not result in any new significant impacts or any substantial increases in the severity of previously identified significant impacts to human beings, either directly or indirectly. Similarly, the proposed project does not result in any new or substantially more severe significant cumulative impacts than addressed in the previously certified EIRs. The 2004 WRSP EIR evaluated the potential for cumulative impacts in Section 5.5 and the 2014 SPA3 SEIR evaluated them in Chapter 11. Both EIRs provided the most up-to-date cumulative scenarios at the time of their preparation, which varied from 2004 to 2014. As discussed above in the <i>Purpose and Scope of Addendum</i> section, subsection <i>No New Circumstances or New Information</i>, there are no approved or planned projects within the vicinity of the project site beyond those discussed in prior documents that could impact or increase					

the proposed project's environmental effects. The proposed project is consistent with the level of development assumed in the 2004 WRSP EIR and 2014 SPA3 SEIR and, as discussed above, would not result in any new or substantially more severe project-level impacts beyond those previously contemplated. Thereby, the proposed project also would not result in any substantially new or more severe cumulative impacts. Pursuant to CEQA Guidelines Section 15164, subdivision (a), the City finds that "none of the conditions described in Section 15162 calling for preparation of a subsequent EIR have occurred" relative to the mandatory findings.

Mitigation Measures: See measures listed under each issue area for those applicable to the proposed project.

Conclusion: With implementation of applicable mitigation measures discussed throughout this checklist, the proposed project would not, as compared to the originally proposed and revised projects presented in the 2004 WRSP EIR and 2014 SPA3 SEIR, result in a new significant impact or significant impacts that are substantially more severe than significant impacts to the areas included in the mandatory findings of significance categories.

ENVIRONMENTAL DETERMINATION:

Based on analysis conducted in this Addendum and in the previously certified EIR, it is determined that implementation of proposed project modifications, as described in this Addendum, would not result in any new or substantially more severe environmental impacts, either directly or as a result of new circumstances or information. The City may take the following actions in compliance with CEQA:

- Adopt the WRSP amendment
- Approve the General Plan and specific plan amendments and rezone
- Approve the development agreement
- Approve the tentative maps
- Issue the Tree Permit
- Abandon the park

In reviewing the site specific information provided for this project and acting as Lead Agency, the City of Roseville, Development Services Department, Planning Division has analyzed the potential environmental impacts created by this project and determined that the findings of CEQA Section 15162 concerning the decision not to prepare a subsequent EIR and the findings of CEQA Section 15164 concerning the decision to prepare an Addendum can be made. As supported by substantial evidence within the Addendum to the WEST ROSEVILLE SPECIFIC PLAN ENVIRONMENTAL IMPACT REPORT (SCH # 2002082057, adopted February 2, 2004) and the FIDDYMENT RANCH SPECIFIC PLAN AMENDMENT 3 SUBSEQUENT ENVIRONMENTAL IMPACT REPORT (SCH # 201082075, certified April 16, 2014), the Lead Agency makes the following findings:

[X] No substantial changes are proposed in the project which would require major revisions of the previous EIR.

[X] No substantial changes have occurred with respect to the circumstances under which the project is undertaken.

[X] There is no new information of substantial importance which was not known and could not have been known with the exercise of due diligence at the time the previous EIR was certified as complete.

Addendum Prepared by:

Shelby Vockel, Associate Planner
City of Roseville, Development Services–Planning Division

Attachments:

Attachment 1 – 2020 WRSP Amendments for Parcels F-55 and W-60a (Revised Pages)
Attachment 2 – Arborist Report and Tree Inventory Summary
Attachment 3 – Tentative Maps
Attachment 4 – Photometric Analysis
Attachment 5 – Floodplain Mapping for Parcel F-55
Attachment 6 – Noise Assessment
Attachment 7 – Transportation Impact Assessment
Attachment 8 – Utility Demand Comparison

West Roseville Specific Plan

REDLINED CHANGE PAGES

Amendments for
Parcels F-55 & W-60A

Public Hearing Draft
February 19, 2020



□ COMMUNITY FOCAL POINTS

The Village Center and Activity Cores are to be a central focus of activity, and will have a highly visible community presence.

Village Center - The Village Center is planned as a unique and diverse mixed-use hub of activities. The Village Center is envisioned as the heart of the WRSP, a destination where residents will live, meet, shop, eat, recreate, obtain services and socialize. The anticipated mix of uses may include retail, restaurant, service, office, public, church, school, park and high/medium density housing. Emphasis is placed on the pedestrian, rather than the auto, and on consistency with the City's General Plan Pedestrian District level of service policy. The Village Center is modeled towards a traditional urban town center rather than a suburban shopping center.

Activity Cores — Two sports-oriented Activity Cores are planned in the plan area. The first Activity Core consists of a Sports Complex located on Westbrook Boulevard, to the west of the Pleasant Grove Wastewater Treatment Plant. It is envisioned to develop with long fields that can be used for soccer tournaments. The ~~City's second Activity Core consists of a~~ Regional Sports Park ~~is planned located to the~~ east of the Pleasant Grove Wastewater Treatment Plant, encompassing a portion of the required 1000-foot non-residential buffer. Immediately to the east of the Regional Sports Park is a planned high school site, and further to the east and close by, Fiddymont Park. The central proximity of these facilities, along with the inclusion of multiple vehicular, pedestrian and bicycle connection points, are intended to facilitate accessibility between facilities and to nearby residents. Combined, the park, school and adjacent open space areas generate a distinct central core of active and passive recreation, education, joint use opportunities, and community activity. The Activity Core will draw users from both within and outside the WRSP..

□ RESIDENTIAL NEIGHBORHOODS

Low density single-family residential is the predominant land use within the WRSP, and a defining characteristic of the community. The Residential Neighborhoods surround the Activity Core with approximately 40% of Plan Area units to the north and east of the Activity Core, and 60% to the south and west.

Neighborhoods include a mix of low, medium and high density residential uses consistent with the character of the City. Schools and parks are located in neighborhoods within walking distance of most residences. Medium and high-density residential is incorporated, proximate to services and



Residential Neighborhoods

4 LAND USE PLAN & REGULATIONS

4.1 OVERVIEW

The West Roseville Specific Plan land use plan includes a blend of residential, service, employment, open space and public uses. The Plan Area will house approximately ~~26,222~~ ~~25,964~~ residents and 4,735 employees. WRSP land uses are reflected on Figure 4-1, and are summarized on Table 4-1. A parcel-by-parcel land use, zoning, and unit summary is included on Table 4-2. Given its unique nature, a more detailed discussion of the proposed Village Center is included as Section 10, Village Center Plan.

4.2 PERMITTED USES & DEVELOPMENT STANDARDS

Land uses within the West Roseville Specific Plan will be implemented by the application of permitted, conditionally permitted and/or administratively permitted uses designated by the zoning district applied to each parcel. Except as otherwise provided in this Specific Plan, permitted uses, development standards, processing requirements and other regulations are as specified by the City of Roseville Zoning Ordinance (Municipal Code Chapter 19).

In accordance with the Zoning Ordinance, the WRSP has applied the Development Standards (DS) and Special Area (SA) overlay zones to customize development standards and/or permitted uses of general zone districts where needed. A summary of zoning districts and overlay zones applied by the WRSP is included in Table 4-3. Guidance relating to the application of these overlay zones is provided in this section.

The WRSP Design Guidelines (Section 12) include additional detail to be considered in the design, review and approval of individual projects. The WRSP Design Guidelines supplement the Citywide Design Guidelines and other City requirements by identifying considerations unique to the character and development objectives of the Plan Area. Development within the Plan Area is required to comply with the WRSP Design Guidelines, and all applicable City requirements.

Table 4-1: Land Use Summary

General Plan Land Use (Specific Plan Land Use)	Acres	% of Total Acres	Allocated Units	% of Total Units
Residential				
LDR (Residential)	1376.7 1362.42	43.52% 42.75%	6025 5926	56.87% 56.46%
LDR (Age Restricted)	146.79	4.64%	704	6.71%
LDR (Pocket Park)	14.18	0.45%	0	0.00%
MDR (Residential)	80.94	2.56%	813	7.75%
MDR (VC-Residential)	54.14	1.71%	454	4.33%
HDR (Residential)	94.98 94.49	3.00% 2.99%	2,212	20.88% 21.08%
HDR (VC-Residential)	9.39	0.30%	155	1.47%
HDR (VC-Residential / Senior)	12.35	0.39%	232	2.21%
Subtotal	1,789.47 1,764.67	56.57% 55.78%	10,594 10,495	100%
Service and Employment				
CC (Commercial)	48.48	1.53%	0	0.00%
CC (VC-Commercial)	6.38	0.20%	0	0.00%
LI (Light Industrial)	29.96 55.16	0.95% 1.74%	0	0.00%
IND (Industrial)	32.86	1.04%	0	0.00%
Subtotal	117.68 142.88	3.72% 4.52%	0	0.00%
Open Space and Public				
OS (Open Space)	692.52 691.66	21.89% 21.86%	0	0.00%
OS (Paseo)	13.51	0.43%	0	0.00%
PR (Park)	67.33	2.13%	0	0.00%
PR (Fiddymment Park)	95.56	3.02%	0	0.00%
PR (Sports Complex)	74.58 75.15	2.36% 2.38%	0	0.00%
PR (VC-Park)	8.98	0.28%	0	0.00%
PR (VC-Village Green)	3.30	0.12%	0	0.00%
P/QP (Elementary School)	37.75	1.19%	0	0.00%
P/QP (Middle School)	20.28	0.64%	0	0.00%
P/QP (High School)	52.85	1.67%	0	0.00%
P/QP (Fire Station)	2.51	0.08%	0	0.00%
P/QP (Well)	0.83	0.04%	0	0.00%
P/QP (Water Tank)	5.36	0.17%	0	0.00%
P/QP (WWTP)	14.99	0.47%	0	0.00%
P/QP (Substation)	1.55	0.05%	0	0.00%
P/QP (VC-Church)	10.85	0.34%	0	0.00%
ROW (Right of Way)	153.62 153.48	4.86% 4.85%	0	0.00%
Subtotal	1256.37 1255.94	39.71% 39.70%	0	0.00%
Total	3,163.52	100.00%	10,594 10,495	100.00%

Last update ~~November 19, 2015~~ May 25, 2018

Table 4-2: Land Use, Zoning, and Units by Parcel

Parcel	General Plan Land Use (Specific Plan Land Use)	Zoning	Acres	Allocated Units	Density
F-1A	LDR (Residential)	RS/DS	19.34	93	4.8
F-1B	LDR (Residential)	RS/DS	20.94	83	4.0
F-2	LDR (Residential)	RS/DS	31.58	127	4.0
F-3	LDR (Residential)	RS/DS	24.58	135	5.5
F-4	LDR (Residential)	R1/DS	34.66	78	2.3
F-5	LDR (Residential)	R1/DS	51.61	157	3.0
F-6A	LDR (Residential)	RS/DS	32.35	179	5.5
F-6B	HDR (Residential)	R3	8.43	195	23.1
F-6C	MDR (Residential)	RS/DS	26.33	307	11.7
F-6D	CC (Commercial)	CC	5.05		
F-7	LDR (Residential)	RS/DS	20.99	131	6.2
F-8A	HDR (Residential)	R3	11.69	277	23.7
F-8B	MDR (Residential)	RS/DS	10.54	127	12.0
F-8C	LDR (Residential)	RS/DS	15.19	88	5.8
F-8D	LDR (Residential)	RS/DS	10.64	38	3.6
F-9A	LDR (Residential)	RS/DS	28.32	121	4.3
F-9B	LDR (Residential)	RS/DS	15.2	70	4.6
F-9C	LDR (Residential)	RS/DS	17.81	83	4.7
F-9D	LDR (Residential)	RS/DS	12.95	40	3.1
F-10A	LDR (Residential)	RS/DS	30.05	122	4.1
F-10B	LDR (Residential)	RS/DS	22.0	115	5.2
F-10C	LDR (Residential)	RS/DS	19.9	80	4.0
F-11A	LDR (Residential)	RS/DS	30.95	175	5.7
F-11B	MDR (Residential)	RS/DS	16.11	152	9.4
F-12	LDR (Residential)	RS/DS	19.84	97	4.9
F-13A	LDR (Residential)	RS/DS	21.84	93	4.3
F-13B	LDR (Residential)	RS/DS	31.9	161	5.0
F-14	LDR (Residential)	RS/DS	104.62	422	4.0
F-15A	LDR (Residential)	R1/DS	19.88	76	3.8
F-15B	LDR (Residential)	R1/DS	9.94	45	4.5
F-15C	LDR (Residential)	R1/DS	12.39	46	3.7
F-16	LDR (Residential)	RS/DS	29.14	110	3.8
F-17	MDR (Residential)	RS/DS	17.13	131	7.6
F-19A	LDR (Residential)	RS/DS	31.28	155	5.0
F-19B	LDR (Residential)	RS/DS	32.62	143	4.4
F-20A	HDR (Residential)	R3	6.92	156	22.5
F-20B	HDR (Residential)	R3	0.49		
F-21	HDR (Residential)	R3	14.46	343	23.7
F-22	HDR (Residential)	R3	9.84	244	24.8
F-23	MDR (Residential)	RS/DS	10.83	96	8.9
F-24	HDR (Residential)	R3	11.98	300	25.0
F-25	HDR (Residential)	R3	5.49	137	25.0
F-26	HDR (Residential)	R3	5.60	140	25.0
F-30	CC (Commercial)	CC	8.46		
F-31	CC (Commercial)	CC	13.35		
F-32	CC (Commercial)	CC	4.67		
F-33	CC (Commercial)	CC	4.68		
F-34	CC (Commercial)	CC	5.29		
F-35	CC (Commercial)	CC	2.02		
F-50	PR (Park)	P/R	7.79		
F-51	PR (Park)	P/R	11.83		
F-52	PR (Park)	P/R	6.34		
F-53	PR (Park)	P/R	6.31		
F-54	PR (Fiddymment Park)	P/R	95.56		
F-55A	LDR (Residential), PR (Sports Complex)	RS/DS, P/R	24.28, 29.8	99	4.1
F-55B	PR (Park)	P/R	4.03		

F-56	PR (Sports Complex)	P/R	45.35		
F-65	P/QP (Substation)	P/QP	1.55		
Parcel	General Plan Land Use (Specific Plan Land Use)	Zoning	Acres	Allocated Units	Density
F-66	P/QP (Well)	P/QP	0.36		
F-67	P/QP (Well)	P/QP	0.17		
F-70	P/QP (Elementary School)	P/QP	8.51		
F-71	P/QP (Elementary School)	P/QP	10.83		
F-72	P/QP (High School)	P/QP	52.85		
F-73	P/QP (Fire Station)	P/QP	2.51		
F-80	OS (Open Space)	OS	131.96		
F-81	CC (Commercial)	CC	1.97		
F-83	OS (Open Space)	OS	59.17		
F-84	OS (Open Space)	OS	81.18		
F-85	OS (Open Space)	OS	26.92		
F-86A	OS (Open Space)	OS	12.94		
<u>F-86B</u>	<u>OS (Open Space)</u>	<u>OS</u>	<u>0.81</u>		
<u>F-86C</u>	<u>OS (Open Space)</u>	<u>OS</u>	<u>0.05</u>		
F-87	OS (Open Space)	OS	8.98		
F-88	OS (Open Space)	OS	18.32		
F-89	OS (Open Space)	OS	0.74		
F-90A	OS (Paseo)	OS	0.10		
F-90B	OS (Paseo)	OS	0.66		
F-90C	OS (Paseo)	OS	0.99		
F-91A	OS (Paseo)	OS	0.83		
F-91B	OS (Paseo)	OS	0.40		
F-91C	OS (Paseo)	OS	1.06		
F-92A	OS (Paseo)	OS	0.80		
F-92B	OS (Paseo)	OS	0.58		
F-93	OS (Paseo)	OS	0.91		
F-94	LDR (Pocket Park)	RS/DS	1.45	0	0.0
F-95	LDR (Pocket Park)	RS/DS	1.47	0	0.0
F-96	LDR (Pocket Park)	RS/DS	1.31	0	0.0
F-97	LDR (Pocket Park)	RS/DS	1.54	0	0.0
F-98	LDR (Pocket Park)	RS/DS	2.01	0	0.0
F-99	LDR (Pocket Park)	R1/DS	2.77	0	0.0
F-100	LDR (Pocket Park)	R1/DS	2.52	0	0.0
F-101	LDR (Pocket Park)	RS/DS	1.11	0	0.0
Fiddymment Total:			1,593.69 1,593.83	5,967 5,868	
W-1	LDR (Age Restricted)	RS/DS	87.08	404	4.6
W-2	LDR (Age Restricted)	RS/DS	59.71	300	5.0
W-3	LDR (Residential)	RS/DS	37.88	198	5.2
W-4	LDR (Residential)	R1/DS	31.82	147	4.6
W-5	LDR (Residential)	R1/DS	22.62	88	3.9
W-6	LDR (Residential)	R1/DS	22.75	77	3.4
W-7	LDR (Residential)	R1/DS	27.92	111	4.0
W-8	LDR (Residential)	R1/DS	43.76	168	3.8
W-10	LDR (Residential)	R1/DS	52.43	245	4.7
W-11	LDR (Residential)	R1/DS	32.39	130	4.0
W-12	LDR (Residential)	RS/DS	18.87	78	4.1
W-13	LDR (Residential)	RS/DS	64.52	310	4.8
W-15	LDR (Residential)	RS/DS	45.15	224	5.0
W-16	HDR (Residential)	R3	12.16	250	20.6
W-17A	LDR (Residential)	RS/DS	14.83	66	4.5
W-17B	LDR (Residential)	RS/DS	14.06	56	4.0
W-17C	LDR (Residential)	RS/DS	15.01	69	4.6
W-17D	LDR (Residential)	RS/DS	13.06	53	4.1
W-17E	LDR (Residential)	RS/DS	11.27	41	3.6

Land Use Plan & Regulations

W-18A	LDR (Residential)	RS/DS	17.60	86	4.9
W-18B	LDR (Residential)	RS/DS	12.62	57	4.5
W-18C	LDR (Residential)	RS/DS	23.09	102	4.4
W-18D	LDR (Residential)	RS/DS	21.50	92	4.3
W-18E	LDR (Residential)	RS/DS	14.2	52	3.7
Parcel	General Plan Land Use (Specific Plan Land Use)	Zoning	Acres	Allocated Units	Density
W-18F	LDR (Residential)	RS/DS	4.54	19	4.2
W-19A	LDR (Residential)	RS/DS	20.32	109	5.4
W-19B	LDR (Residential)	RS/DS	16.61	85	5.1
W-20	LDR (Residential)	R1/DS	1.09	0	0.0
W-27	HDR (Residential)	R3	7.92	170	21.5
W-30	CC (Commercial)	CC	2.99		
W-50A	PR (Park)	P/R	6.52		
W-50B	PR (Park)	P/R	1.92		
W-50C	PR (Park)	P/R	1.21		
W-50D	PR (Park)	P/R	1.23		
W-50E	PR (Park)	P/R	3.11		
W-51	PR (Park)	P/R	4.69		
W-52	PR (Park)	P/R	7.99		
W-55	PR (Park)	P/R	8.39		
W-60A	PR (Sports Complex) LI (Light Industrial)	P/R M1/SA	25.18		
W-60B	LI (Light Industrial)	M1/SA	29.98		
W-61A	IND (Industrial)	M2/SA	26.86		
W-61B	IND (Industrial)	M2/SA	6.00		
W-70	P/QP (Elementary School)	P/QP	8.50		
W-71	P/QP (WWTP)	P/QP	14.99		
W-73	P/QP (Middle School)	P/QP	20.28		
W-74	P/QP (Water Tank)	P/QP	5.36		
W-75	P/QP (Elementary School)	P/QP	9.91		
W-77	P/QP (Well)	P/QP	0.30		
W-81	OS (Open Space)	OS	268.07		
W-82	OS (Open Space)	OS	5.18		
W-83	OS (Open Space)	OS	78.20		
W-85	OS (Paseo)	OS	1.09		
W-87	OS (Paseo)	OS	2.82		
W-88	OS (Paseo)	OS	1.47		
W-89	OS (Paseo)	OS	1.80		
Westpark Total:			1310.82	3,787	
W-21	MDR (VC-Residential)	R3/DS	16.87	138	8.2
W-22	MDR (VC-Residential)	R3/DS	16.61	138	8.3
W-24	MDR (VC-Residential)	R3/DS	12.66	122	9.6
W-25	HDR (VC-Residential / Senior)	R3/DS	12.35	232	18.8
W-26	HDR (VC-Residential)	R3/DS	9.39	154	16.4
W-28	MDR (VC-Residential)	RS/DS	4.0	28	7.0
W-29	MDR (VC-Residential)	RS/DS	4.0	28	7.0
W-32	CC (VC-Commercial)	CC/VC	3.29		
W-33	CC (VC-Commercial)	CC/VC	3.09		
W-53	PR (VC-Park)	P/R	8.98		
W-54	PR (VC-Village Green)	P/R	3.3		
W-72	P/QP (VC-Church)	P/QP/SA-WR	10.85		
Westpark-VC Total			105.39	840	
ROW (Right of Way)			153.62 153.48		
Total:			3,163.52	10,594 10,479	

Notes:

Last Updated: ~~November 19, 2019~~ ~~May 25, 2018 Village Center Project~~

- A verification study conducted in December of 2006 resulted in minor adjustments to the acreage and number of dwelling units.
- The 156 unit allocation on Parcel F-20 includes 36 units transferred from the City's Reserve Unit Pool, as a Residential Density Bonus for affordable housing, approved by CUP-000049 on December 13, 2007.

Table 4-3: Summary of WRSP Applied Zoning Districts

Land Use	Applied Zoning Districts	Permitted Uses	Development Standards
Residential Uses			
LDR – Low Density Residential	R1/DS, RS/DS	Per Zoning Ordinance	Modified by WRSP ¹
MDR – Medium Density Residential	RS/DS, R3/DS	Per Zoning Ordinance	Modified by WRSP ¹
HDR – High Density Residential	R3, R3/DS	Per Zoning Ordinance	Per Zoning Ordinance
Service and Employment Uses			
VC – Village Center	See Section 10	Modified by WRSP ²	Modified by WRSP ²
CC – Community Commercial	CC	Per Zoning Ordinance	Per Zoning Ordinance
LI – Light Industrial	M1/SA-WR	Modified by WRSP ³	Per Zoning Ordinance
IND – General Industrial	M2/SA-WR	Modified by WRSP ³	Per Zoning Ordinance
Open Space and Public Uses			
OS – Open Space	OS	Per Zoning Ordinance	Per Zoning Ordinance
P/R – Parks & Recreation	P/R	Per Zoning Ordinance	Per Zoning Ordinance
P/QP – Public/Quasi-Public	P/QP	Per Zoning Ordinance	Per Zoning Ordinance

Notes:

1. Section 4.2.
2. Village Center Plan (Section 10).
3. Section 4.2, Table 4-6.

Table 5-1: Definition of Household Income Categories

Income Category	Percent of Median Income
Very Low-Income	Less than 50% of Median
Low-Income	51% to 80% of Median
Middle-Income	81% to 100% of Median
Moderate-Income	101% to 120% of Median
Above Moderate-Income	121% + of Median

It is recognized that the various factors that determine affordability continually change, and that project specific affordability standards need to be established and adjusted as development occurs.

5.3 AFFORDABLE HOUSING PROGRAM

Consistent with the General Plan affordable housing goal, ten percent (10%) of the units in the WRSP have been designated for middle-, low- and very low-income households. This includes a mix of purchase housing affordable to middle-income households, and rental housing affordable to low- and very low-income households. Approximately eleven percent (11%) of the affordable housing goal will be available to middle-income residents, forty-nine percent (49%) to low-income residents and forty percent (40%) to very low-income residents. The WRSP affordable housing goal is summarized in Table 5-2.

Table 5-2: Affordable Housing Goal

Total Dwelling Units	<u>10,594 du</u> 10,495 du	
10% Affordable Housing Goal	<u>1,058 du</u> 1,048 du	
Middle-Income (purchase)	<u>118 du</u> 116 du	(11%)
Low-Income (rental)	<u>514 du</u> 510 du	(49%)
Very Low-Income (rental)	<u>426 du</u> 422 du	(40%)

The WRSP affordable housing goal has been allocated to specific MDR and HDR parcels as identified on Table 5-3, with the designated parcels reflected on Figure 5-1. The intent is to distribute affordable units throughout the WRSP area.

Table 5-3: Affordable Housing Allocation

Parcel	Land Use	Total Units in Parcel	Total Affordable Allocation	Very Low-Income Rental	Low-Income Rental	Middle-Income Purchase
W-27	HDR	170	150	89	61	
W-25(Senior)	VC-HDR	232	150	75	75	
Subtotal			300	164	136	
F-6B	HDR	195	195	66	66	63
F-8A	HDR	277	53			53
F-20	HDR	156	154	78	76	
F-22	HDR	207	184	91	93	
<u>F-55A</u>	<u>LDR</u>	<u>99</u>	<u>2</u>			<u>2</u>
Subtotal			<u>588</u> 586	235	235	<u>118</u> 116
TOTAL			<u>888</u> 886	399	371	<u>118</u> 116

Note: The WRSP (Section 5.4) allows for the transfer of affordable units. Check with the City of Roseville to confirm current affordable housing allocations.

Last Updated: April 20, 2016, Westbrook Phase 2 & 3

1. The obligation for 162 affordable units was transferred from WRSP Parcel W-16 to the Sierra Vista Specific Plan via specific plan amendments approved in 2016. This obligation, combined with the affordable allocation identified in Table 5-3 above, meets the total affordable housing goal identified in Table 5-2.
2. The obligation for 8 additional affordable units generated by the Parcel F-55 GPA/SPA/Rezone actions would be satisfied per the terms outlined in the Development Agreement, which combined with the affordable allocation identified in Table 5-3 above, meets the total affordable housing goal identified in Table 5-2.

A Supplemental Affordable Housing Development Agreement (or substitute form as specified by the City) is required for each parcel with an affordable housing allocation to detail and secure specific requirements and obligations. Among other provisions, the Supplemental Affordable Housing Development Agreement will:

- Specify the number of affordable units to be reserved at each income level;
- Specify the term of the affordability obligation;
- Set initial rent or purchase prices for the designated affordable units;
- Establish criteria and a basis for annual rent or purchase price increases;
- Provide the City with a mechanism to monitor actual rents and purchase prices paid; and
- Identify any City or other subsidies required to assist in meeting the affordability requirement and, if applicable, the basis and terms for refunding such subsidies.

Supplemental Affordable Housing Development Agreements require City approval prior to the issuance of building permits, or recordation of a final map where a subdivision map is required, for any large-lot WRSP parcel with an affordable housing allocation.

8.3 SCHOOLS

The WRSP is within the boundaries of the Roseville City School District (grades K-8) and Roseville Joint Union High School District (grades 9 to 12). The Plan Area will generate an estimated 2,668 ~~2,635~~ elementary school (K-5) students, 923 ~~912~~ middle school (6-8) students and 1,320 ~~1,303~~ high school (9-12) students, as shown on Table 8-2.

Table 8-2: Student Generation

	LDR/ MDR ¹	HDR ²	Students Generated	School Capacity	Schools Required
Roseville City School District					
Grades K-5	0.3329	0.1118	<u>2,668</u> 2,635	600	<u>4.45</u> 4.39
Grades 6-8	0.1164	0.0352	<u>923</u> 912	1,000	<u>0.92</u> 0.91
Roseville Joint Union High School District					
Grades 9-12	0.1700	0.0400	<u>1,320</u> 1,303	1,800	<u>0.73</u> 0.72

1. 7,184 ~~7,085~~ LDR/MDR units and 2,473 HDR units assumed. 936 age-restricted units not included.
2. Source: Roseville City School District Student Generation Report dated February 28, 2013.

Within the WRSP, four elementary school sites, a minimum of eight and up to ten acres each, are planned (Parcels W-70, W-75, F-70, F-71). One elementary school is located in each phase of the project. In addition, a 20.28-acre middle school (Parcel W-73) is planned northeast of the Village Center south of Pheasant Run. All elementary and middle schools are located adjacent to neighborhood park sites to promote joint use opportunities and create a local activity amenity.

A 52.85-acre high school site (Parcel F-72) is located in the central portion of the WRSP, west of Hayden Parkway adjacent to the Regional Sports Park. The high school and sports park are part of the WRSP Activity Core, providing for education, active and passive recreation, joint use opportunities and community activity. The high school is anticipated to serve students generated both within and outside the Plan Area.

School sites within the WRSP are reserved for the school districts. Facility planning and the sequencing of development of these sites is to be determined by the districts. The WRSP is required to fully mitigate school impacts in accordance with the Specific Plan development agreements and funding agreements with the respective school districts.

WRSP School sites are reflected on Figure 8-2.

8.4 PARKS AND RECREATION

Approximately thirty percent (30%) of the WRSP is planned for park and open space use. The parks and open space program provides for a range of active and passive recreational opportunities that exceed the City's General Plan requirement of 9 acres of parkland per 1,000 residents. The WRSP includes: active neighborhood, community and regional park sites; and credited open space and paseo areas. Construction of park and recreation facilities as described in this document is dependent upon adequate construction and long-term maintenance funding.

The placement and sizing of parks is reflective of community need, General Plan policy, proximity to users, ability to promote joint use activities, and existence of natural resources such as floodplain, oak woodland and vernal pool preservation. Parks are generally located within neighborhoods creating a local focal point and activity amenity. In addition, when feasible, park sites have been located adjacent to or connected with open space areas. The resulting interconnected open space and park network provides for pedestrian and bicycle access throughout the WRSP with connections outside the Plan Area.

The general location of WRSP parks and open space is included on Figure 8-2. Details relating to dedication, operation, funding, phasing and construction is included in the Specific Plan development agreements.

□ CITY OF ROSEVILLE PARK AND RECREATION REQUIREMENTS

The WRSP provides recreation facilities, parkland and open space to comply with the policies and requirements of the City's General Plan Parks and Recreation Element. The General Plan requires the provision of nine (9) acres of parkland per 1,000 residents. The General Plan requirement is comprised of three (3) acres of city-wide park, three (3) acres of neighborhood and community park, and three (3) acres of credited open space.

The ~~10,594~~ ~~10,495~~ dwelling units in the WRSP will generate an estimated population of ~~26,222~~ ~~25,964~~ residents based on an average household size of 2.54 residents for conventional (non age-restricted) development and 1.8 residents for age-restricted development. The City's requirement of nine (9) acres per 1,000 residents requires a total of ~~235.99~~ ~~233.68~~ credited acres of parkland in the Plan Area. WRSP park dedication requirements are summarized in Table 8-3.

Table 8-3: Park Dedication Requirements

	General Plan Standard	Acreage Required
City-wide Park	3 acres per 1,000 residents	78.66 77.89 acres
Neighborhood/Community Park	3 acres per 1,000 residents	78.66 77.89 acres
Open Space	3 acres per 1,000 residents	78.66 77.89 acres
Total Parkland	9 acres per 1,000 residents	235.99 233.68 acres

☐ **CREDITED PARKLAND AND OPEN SPACE**

The WRSP designates a total of ~~956.19~~ ~~955.50~~ acres in park and open space uses. This total includes 250.78 acres of active neighborhood and city-wide parkland, and ~~705.58~~ ~~704.72~~ acres of open space and paseo. Of the ~~250.21~~ ~~250.78~~ acres of active parkland, ~~170.14~~ ~~170.69~~ acres are designated for city-wide park and 80.07 acres for neighborhood parks. Each acre set aside for active park use is credited as a full acre towards meeting the General Plan park dedication requirement.

In addition to meeting the City's standards for active parkland, the WRSP provides additional passive recreation opportunities in the form of open space areas. Partial credit may be granted for open space areas that include non-traditional informal recreational facilities and open space amenities. Each acre set aside for open space and paseo is credited at 0.10 acre (one acre of credit for each 10 acres dedicated) with the exception of the 47.18 acre creek corridor conservation easement in F-54 Park, which is credited 0.20 (one acre for each 5 acres of easement area). In total, the ~~956.19~~ ~~955.50~~ acres of parks and open space provided in the WRSP are granted a credit of ~~283.06~~ ~~283.54~~ acres towards meeting the General Plan park dedication requirement. This credit exceeds the dedication requirement for the WRSP by ~~47.07~~ ~~49.86~~ acres. A summary of WRSP park and open space credits is included on Table 8-4.

☐ **CREDITED PARK DESCRIPTIONS**

The following provides a brief overview of the various components that constitute the WRSP credited park and open space program. Park sites within the WRSP have been designed to include facilities required by the Parks Vision 2010 Master Plan. Additional detail relating to those parks within the Village Center is included in Section 10, Village Center Plan.

Table 8-4: Summary of Park and Open Space Lands and Credits

Parcel	Type	Acreage	Credit Ratio	Credited Acreage
CITY-WIDE PARKS				
F-54	City-wide Park portion	48.38	1:1	48.38
F-55B	City-wide Park	4.03 29.80	1:1	4.03 29.80
F-56	City-wide Park	45.35	1:1	45.35
W-60A	City-wide Park	<u>25.20</u>	<u>1:1</u>	<u>25.20</u>
Subtotal		122.96 123.53		122.96 123.53
NEIGHBORHOOD/COMMUNITY PARKS				
F-50	Neighborhood Park	7.79	1:1	7.79
F-51	Neighborhood Park	11.84	1:1	11.84
F-52	Neighborhood Park	6.33	1:1	6.33
F-53	Neighborhood Park	6.31	1:1	6.31
W-50A-E	Neighborhood Parks	13.99	1:1	13.99
W-51	Neighborhood Park	4.74	1:1	4.74
W-52	Neighborhood Park	7.99	1:1	7.99
W-53	Neighborhood Park (VC)	8.98	1:1	8.98
W-54	Neighborhood Park (VC)	3.71	1:1	3.71
W-55	Neighborhood Park	8.39	1:1	8.39
Subtotal		80.07		80.07
OPEN SPACE				
F-54	Open Space portion	47.18	0.2:1	9.44
F-80	Open Space	131.84	0.1:1	13.18
F-83	Open Space	59.17	0.1:1	5.92
F-84	Open Space	81.22	0.1:1	8.12
F-85	Open Space	26.92	0.1:1	2.69
F-86 A, B, C	Open Space	13.80 12.94	0.1:1	1.38 1.29
F-87	Open Space	8.98	0.1:1	.90
F-88	Open Space	18.31	0.1:1	1.83
F-89	Open Space	0.74	0.1:1	0.07
W-81	Open Space	267.22	0.1:1	26.72
W-82	Open Space	5.18	0.1:1	0.52
W-83	Open Space	78.27	0.1:1	7.83
F-90 A, B, C	Paseo	1.80	0.1:1	0.18
F-91 A, B, C	Paseo	2.49	0.1:1	0.25
F-92 A, B	Paseo	1.44	0.1:1	0.14
F-93	Paseo	0.93	0.1:1	0.09
W-85	Paseo	1.08	0.1:1	0.11
W-87	Paseo	2.93	0.1:1	0.29
W-88	Paseo	1.46	0.1:1	0.15
W-89	Paseo	2.20	0.1:1	0.22
Subtotal		753.16 751.90		80.03 79.94
TOTAL		956.19 955.50		283.06 283.54

CITY-WIDE PARKS

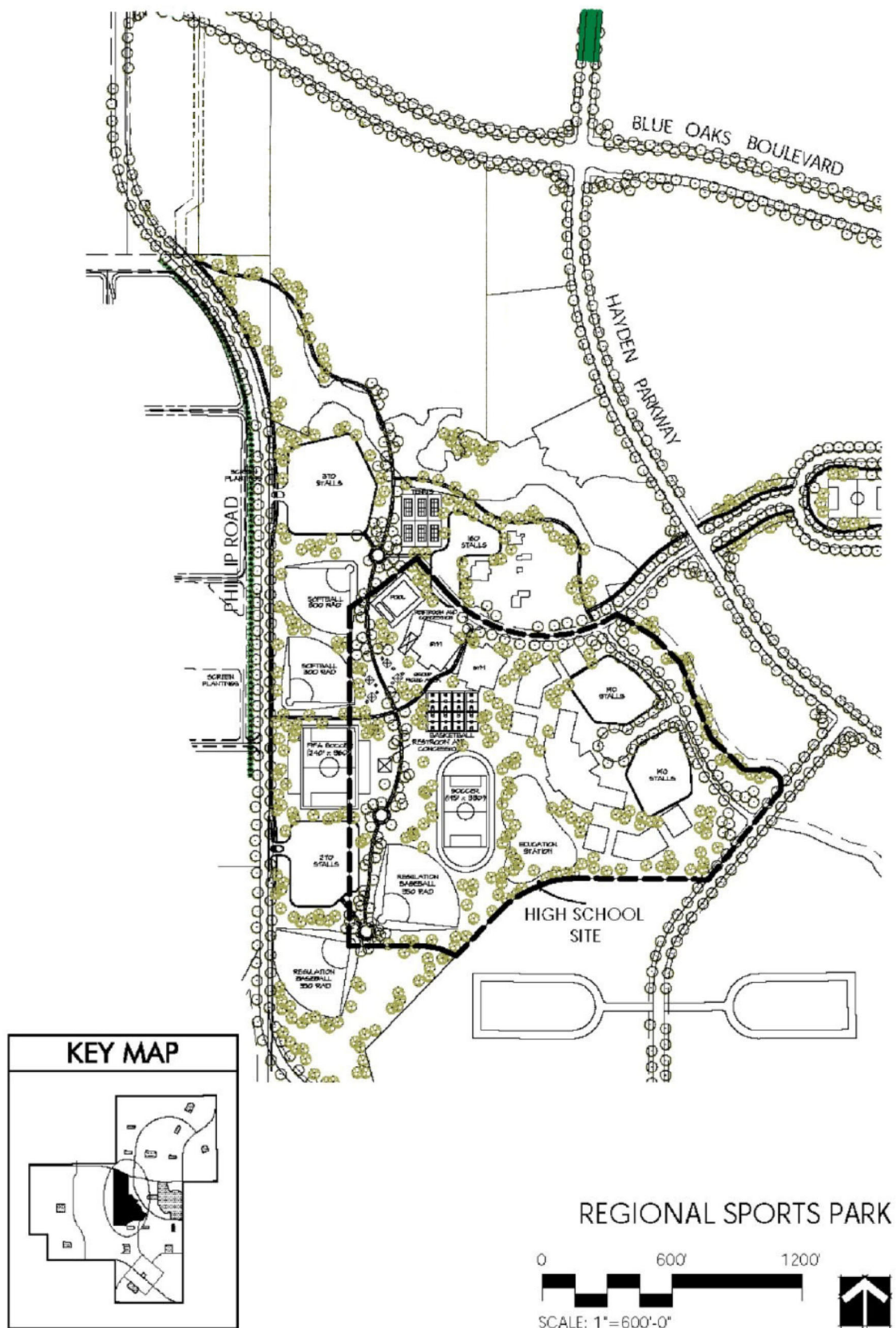
The WRSP includes ~~three~~ two city-wide parks, F-54, ~~and the F-55 & F-56, and W-60A~~. These parks, combined with the adjacent high school site, form the WRSP Activity Core as described in Community Form and Planning Principles, Section 3. Strong interconnectivity between these facilities is important to support joint use and community activity. A continuous greenway comprised of park and open space will connect F-54 Park, the ~~F-55/F-56~~ Park and the high school site. The greenway includes a Class I bike path connection from the Regional Sports Park east through open space (Parcel F-86), to Park F-53 and to F-54 Park.

F-54 is a 95.56-acre city-wide park located south of Blue Oaks Boulevard and west of Fiddymont Road. Fiddymont Park may potentially contain a variety of active and passive recreation opportunities at buildout including bike and pedestrian paths, an outdoor bandstand area, activity greens, a disc golf course and a small multi-purpose center. A City groundwater well site will also be included. The park encumbers the highest concentration of oak woodlands within the WRSP, and will be highly visible as an entry to the Plan Area. A 47.18 acre conservation easement is designated to protect the oak woodlands along Kaseberg Creek, leaving 48.38 acres to be developed with more active uses, and different credit ratios are applied by Table 8-4. Figure 8-3 provides a conceptual plan for F-54 Park. Included is a listing of WRSP fee improvements and potential future amenities not associated with development of the WRSP.

~~F-55 & 56 F-56~~ is a ~~45.35 75.15~~-acre city-wide park located adjacent to the high school site, south of Blue Oaks Boulevard between Phillip Road and Hayden Parkway. Included on the property is the historic Fiddymont Ranch Main Complex (see Resource Management, Section 6.4). ~~The Sports Park is envisioned as a regional facility available for tournaments and local league play. The combined Regional Sports Park~~ This park and adjacent high school site will include various recreational joint use facilities such as soccer fields, baseball fields, a lighted soccer/football stadium, tennis courts, softball fields, an outdoor swimming pool, basketball courts and a 400 meter track. The combined ~~Regional Sports P~~park/high school site includes a concession area with restrooms, outdoor seating and parking lots. Figure 8-4 provides a conceptual plan and listing of potential improvements for the Regional Sports Park.

W-60A is a 25.20-acre city-wide park located along Westbrook Boulevard, between Pleasant Grove Boulevard and Blue Oaks Boulevard. This site is envisioned to develop as a Regional Soccer Complex available for tournaments and local league play. Planned amenities include approximately six, lighted adult long fields for sports such as soccer and lacrosse. Planned site features also include a concession area, restrooms, parking, and ancillary amenities. Figure 8-4a provides a conceptual plan and listing of potential improvements for the Regional Sports Park.

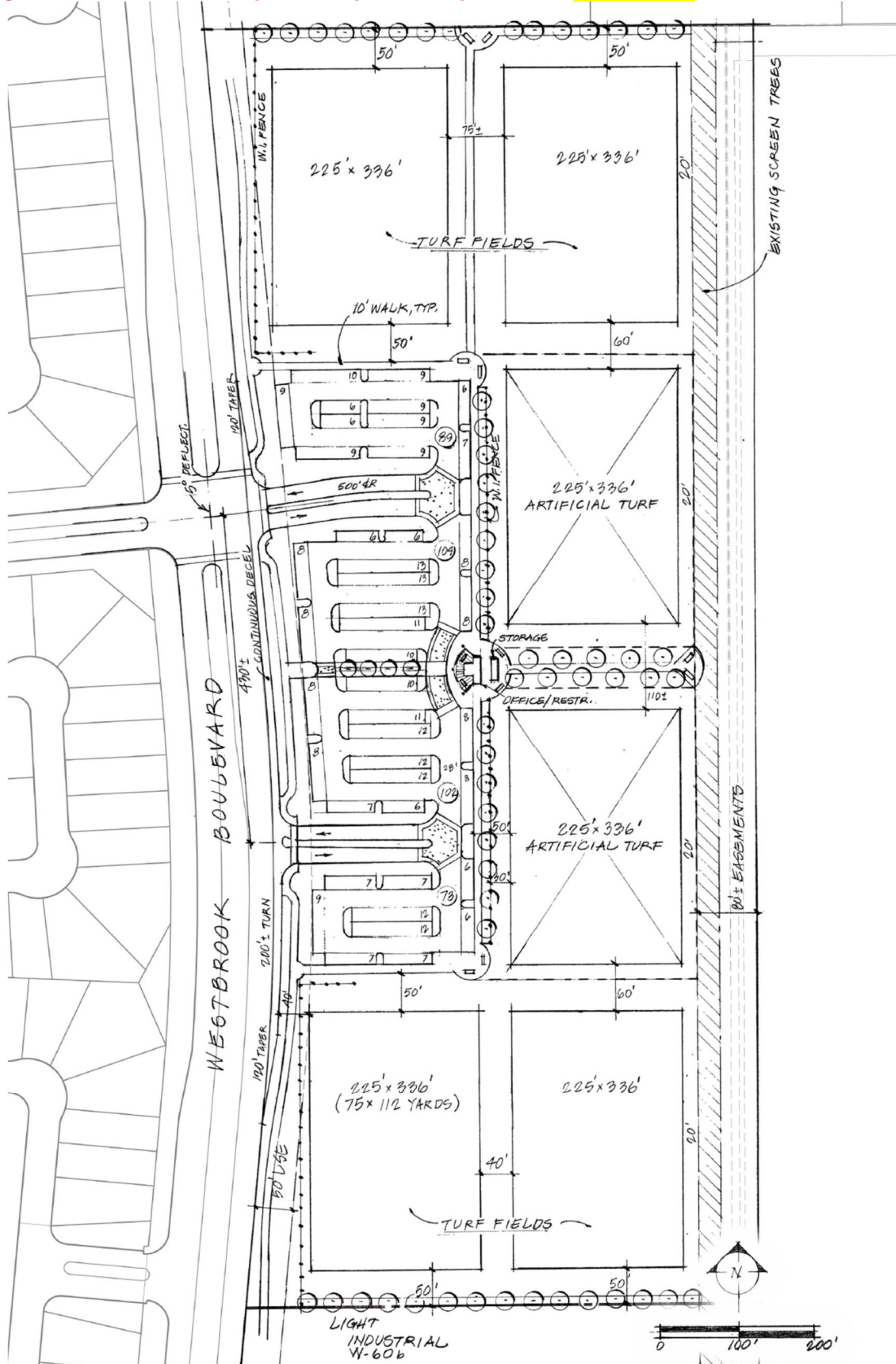
Figure 8-4: Regional Sports Park Conceptual Plan [REVISED FIGURE]



Note: Underlying parcel basemap used in this figure is not regularly updated.

Refer to Table 4-1 for the most up to date parcel basemap.

Figure 8-4a: Parcel W-60A Sports Complex Conceptual Plan [NEW FIGURE]



**ARBORIST REPORT
AND
TREE INVENTORY SUMMARY**

**PARCEL F-55, WEST ROSEVILLE
SPECIFIC PLAN PROJECT SITE
City of Roseville, California**

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February 22, 2019

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APPENDICES:

- A. Tree Inventory Summary (sorted by tree number)
- B. Tree Inventory Exhibit

COPYRIGHT STATEMENT

This consultant's report, dated February 22, 2019, is for the exclusive and confidential use of West Roseville, LLC concerning potential development of the Parcel F-55, West Roseville Specific Plan Project Site, located in the City of Roseville, California. Any use of this report, the accompanying appendices, or portions thereof, other than for project review and approval by appropriate governmental authorities, shall be subject to and require the written permission of Sierra Nevada Arborists. Unauthorized modification, distribution and/or use of this report, including the data or portions thereof contained within the accompanying appendices, is strictly prohibited.

QUALIFICATION STATEMENT

Sierra Nevada Arborists is a fully insured, Roseville, California-based arboriculture consulting firm founded in January of 1998 by its Principal, Edwin E. Stirtz. Mr. Stirtz is an ISA Certified Arborist and is ISA Tree Risk Assessment Qualified. He is a member of the American Society of Consulting Arborists and International Society of Arboriculture. Mr. Stirtz possesses in excess of 40 years of experience in arboriculture, forestry, and horticulture, both maintenance and construction, and has spent the last 29 years as a consultant focusing on preservation and compliance with environmental regulations in the Sacramento and surrounding regions.

INTRODUCTION

Sierra Nevada Arborists is pleased to present this Arborist Report and Tree Inventory Summary for the trees located within and/or overhanging the Parcel F-55, West Roseville Specific Plan Project Site, located in the City of Roseville, California. This Arborist Report and Tree Inventory Summary memorializes tree data obtained by Edwin E. Stirtz, ISA Certified Arborist WE-0510A, at the time of field reconnaissance and inventory efforts on February 20, 2019.

LOCATION AND SITE

The site is located in northwest Roseville in the West Roseville Specific Plan area at the intersection of Blue Oaks Blvd. and Hayden Parkway (southwest corner). The parcel is currently undeveloped, with the only vegetation other than the inventoried oak trees being annual grasses.

SCOPE OF INVENTORY EFFORT

The City of Roseville Municipal Code, Chapter 19.66, Tree Preservation, defines a “Protected Tree” as any native oak tree equal to or greater than 6 inches diameter at breast height (DBH) measured as a total of a single trunk or multiple trunks. The purpose of this field reconnaissance effort was to identify, inventory, and comment upon the current structure and vigor of the “protected trees” located within and/or overhanging the project site.

At the request of West Roseville, LLC, on February 20, 2019, Edwin E. Stirtz of Sierra Nevada Arborists visited the project site in the City of Roseville, California. The purpose of this field reconnaissance effort was to identify, inventory, and comment upon the current structure and vigor of the “protected trees” located within and/or overhanging the project boundaries.

METHODOLOGY

During field reconnaissance and inventory efforts, Edwin E. Stirtz of Sierra Nevada Arborists conducted a visual review from ground level of the trees within and/or overhanging the project site. The trees which met the defined criteria were identified in the field by affixing round tags with orange flagging to the tree trunks. The tree numbers utilized in this report and accompanying Tree Inventory Summary correspond to the tree tags which were affixed to the trees in the field, and those tree numbers or grouping of numbers were rough-plotted on the attached Tree Inventory Exhibit so that the precise vertical and horizontal location of the trees may be surveyed in the field by a licensed land surveyor and data for the trees (i.e.

tree number, diameter, dripline and protected root zone radii) may be properly depicted on future development plans and Tree Location Exhibit.

At the time of field identification and inventory efforts specific data was gathered for each tagged tree including the tree's species, diameter measured at breast height ("DBH") and dripline radius ("DLR"). Utilizing this data, the tree's overall structural condition and vigor were separately assessed ranging from "excellent"¹ to "poor" based upon the observed characteristics noted within the tree and the Arborist's best professional judgment. Ratings are subjective and are dependent upon both the structure and vigor of the tree. The vigor rating considers factors such as the size, color and density of the foliage; the amount of deadwood within the canopy; bud viability; evidence of wound closure; and the presence or evidence of stress, disease, nutrient deficiency and insect infestation. The structural rating reflects the root crown/collar, trunk and branch configurations; canopy balance; the presence of included bark, weak crotches and other structural defects and decay and the potential for structural failure. Finally, notable characteristics were documented and recommendations on a tree-by-tree basis were made which logically followed the observed characteristics noted within the trees at the time of the field inventory effort. The recommendations are based on the assumption that the tree would be introduced into a developed environment and may require maintenance and/or may not be suitable for retention within a post-development setting.

SUMMARY OF INVENTORY EFFORT

Field reconnaissance and inventory efforts found 12 trees measuring 6 inches in diameter and larger measured at breast height within and/or overhanging the proposed project area. Composition of the 12 inventoried trees includes the following species and accompanying aggregate diameter inches:

SPECIES DIVERSIFICATION			
Blue Oak	=	10 trees	(395 aggregate diameter inches)
Valley Oak	=	2 trees	(92 aggregate diameter inches)
TOTAL	=	12 trees	(487 aggregate diameter inches)

¹ It is rare that a tree qualifies in an "excellent" category, and it should be noted that there were no trees observed within the project area which fell within the criteria of an "excellent" or "good" rating. A complete description of the terms and ratings utilized in this report and accompany inventory summary are found on pages 9-10.

CONDITIONAL RATINGS (1-6, where 6 is remove)	
1 = None	
2 = None	
3 = None	
4 = 12 trees	
5 = None	
6 = None	
TOTAL = 12 trees	

SUITABILITY FOR PRESERVATION (P/M/G)	
Poor = None	
Moderate = 12 trees	
Good = None	
TOTAL = 12 trees	

TOTAL PROTECTED SPECIES			
Blue Oak	=	10 trees	(395 aggregate diameter inches)
Valley Oak	=	2 trees	(92 aggregate diameter inches)
TOTAL	=	12 trees	(487 aggregate diameter inches)

Recommended Removals

At this time, no trees have been recommended for removal from the proposed project area due to the nature and extent of defects, compromised health, and/or structural instability noted at the time of field inventory efforts.

It should also be noted that some of the trees within the proposed project area are trees which may be undesirable in a developed setting, or are trees which will require periodic/seasonal monitoring to assess the trees' ongoing structural integrity. All of the trees on site are large, old trees which grew in a natural setting with no maintenance and little attention from humans. Consequently, this is evident in the defects throughout all of these trees, particularly the old limb shed wounds in the upper canopy that have developed cavities with decay reaching into the parent branch or trunk below the attachment. These areas are areas that require further investigation and diagnostics in order to determine the integrity of the individual tree and assess the potential risks of preserving the tree in a developed setting. The recommendations in the inventory summary are the minimal assessment/diagnostics that should be performed on these trees. While all of the trees are proposed to be retained on specific "Tree Lots" with no development in the PZR, the trees are within close proximity of the streets and sidewalks in the project. The potential for human activity beneath any of these trees is high, and the lower the potential risk posed from any of the trees, the lower the potential of any residents being injured. At this time, it is recommended that these trees be monitored and thoroughly inspected by a qualified ISA Certified Arborist as described in the Tree Inventory Summary and on at least an annual basis to keep abreast of the trees'

changing condition(s) and to assess the trees' ongoing structural integrity and potential for hazard in a developed environment in the future.

CONSTRUCTION IMPACT ASSESSMENT

This Arborist Report and Tree Inventory Summary is intended to provide to West Roseville, LLC, the City of Roseville, and other members of the development team a detailed *pre-development review* of the species, size, and current structure and vigor of the trees within and/or overhanging the proposed project area. It is not an exhaustive review of the impacts which will be sustained from project implementation. Specific root system and canopy impacts on a tree-by-tree basis cannot be definitively assessed until the site development, grading, and other improvement plans have been refined and finalized and data from the accompanying inventory summary (i.e., tree numbers, dripline radius, and root protection zones) is properly depicted on the plans.

Since trees are living organisms whose condition may change at any time a complete assessment of construction impacts and specific recommendations to help mitigate for the adverse impacts which may be sustained by the trees from contemplated construction activities cannot be made until the development plans have been refined and finalized. Once final plans have been developed for the site a qualified ISA Certified Arborist with special expertise and demonstrated experience with construction projects in and among native and non-native trees should review those plans and provide a more detailed assessment of impacts, including identification of trees which may require removal to facilitate construction and other contemplated site development activities. This review will be particularly important if structures and/or pedestrian, vehicular traffic will fall within or near the fall zone of a tree which has been noted as exhibiting structural defects, questionable long-term longevity and/or a conditional rating which is less than "fair" (or higher than 4), and for trees which measure 16 inches and greater in diameter which will be retained within close proximity to development as trees of this size may pose a more significant hazard if a sudden limb shed and/or catastrophic failure should occur. In addition, the review should include an assessment of root system and canopy impacts which will be sustained by the trees which will be retained within the proposed development area, along with specific recommendations on a tree-by-tree basis to help reduce adverse impacts of construction on the retained trees. In the meantime, this report provides some pre-development recommendations which logically follow the observed characteristics noted in the trees at the time of the field inventory efforts, as well as General Protection Measures which should be utilized as a guideline for the protection of trees which may be retained within the development area. These recommendations will require modification and/or augmentation as development plans are refined and finalized.

GENERAL COMMENTS AND ARBORISTS' DISCLAIMER

The City of Roseville regulates both the removal of “protected trees” and the encroachment of construction activities within their driplines. Therefore, a tree permit and/or additional development authorization should be obtained from the City of Roseville prior to the removal of any trees within the proposed project area. All terms and conditions of the tree permit and/or other Conditions of Approval are the sole and exclusive responsibility of the project applicant. It should be noted that prior to final inspection written verification from an ISA Certified Arborist may be required certifying the approved removal activities and/or implementation of other Conditions of Approval outlined for the retained trees on the site. ***Sierra Nevada Arborists will not provide written Certification of Compliance unless we have been provided with a copy of the approved site development plans, applicable permits and/or Conditions of Approval, and are on site to monitor and observe regulated activities during the course of construction.*** Therefore, it will be necessary for the project applicant to notify Sierra Nevada Arborists well in advance (at least 72 hours prior notice) of any regulated activities which are scheduled to occur on site so that those activities can be properly monitored and documented for compliance certification.

Please bear in mind that implementation of the recommendations provided within this report will help to reduce adverse impacts of construction on the retained trees; however, implementation of any recommendations should not be viewed as a guarantee or warranty against the trees' ultimate demise and/or failure in the future. Arborists are tree specialists who use their education, knowledge, training and experience to examine trees, recommend measures to enhance the beauty and health of the trees and ***attempt to reduce the risk of living near trees.*** Arborists cannot detect every condition that could possibly lead to the structural failure of a tree. There are some inherent risks with trees that cannot be predicted with any degree of certainty, even by a skilled and experienced arborist. Entities who choose to construct homes on wooded property are accepting a certain level of risk from unpredictable tree related hazards such as toppling in storms, limbs falling and fires that may damage property at some time in the future. Since trees are living organisms their structure and vigor constantly change over time, and they are not immune to changes in site conditions or seasonal variations in the weather. Further, conditions are often hidden within the tree and/or below ground. Arborists and other tree care professionals cannot guarantee that a tree will be healthy and/or safe under all circumstances or for a specific period of time. Likewise, remedial treatments cannot be guaranteed. Trees can be managed but they cannot be controlled. To develop land and live near trees is to accept some degree of risk and the only way to eliminate all risk associated with trees would be to eliminate all of the trees. ***An entity who develops land and builds a home with a tree in the vicinity should be aware of and inform their future residents of this Arborists' Disclaimer, and be further advised that the developer and the future residents assume the risk that a tree could at any time suffer a branch and/or limb failure, blow over in a storm and/or fail for no apparent reason which may cause bodily injury or property damage.*** Sierra Nevada Arborists cannot predict acts of nature including, without limitation, storms of sufficient strength which can even take down a tree with a structurally sound and vigorous appearance.

Finally, the trees preserved within and/or overhanging the proposed project area will experience a physical environment different from the pre-development environment. As a result, tree health and structural stability should be regularly monitored. Occasional pruning, fertilization, mulch, pest management, replanting and/or irrigation may be required. In addition, ***provisions for monitoring both tree health and structural stability following construction must be made a priority***. As trees age, the likelihood of failure of branches or entire trees increases. Therefore, ***the future management plan must include an annual inspection*** by a qualified ISA Certified Arborist to keep abreast of the trees' changing condition(s) and to assess the trees' ongoing structural integrity and potential for hazard in a developed environment.

Thank you for allowing Sierra Nevada Arborists to assist you with this review. Please feel free to give me a call if you have any questions or require additional information and/or clarification.

Sincerely,



Edwin E. Stirtz
International Society of Arboriculture
Certified Arborist WE-0510A
ISA Tree Risk Assessment Qualified
Member, American Society of Consulting Arborists

ASSUMPTIONS AND LIMITING CONDITIONS

1. Any legal description provided to the consultant is assumed to be correct. Any titles and ownership to any property are assumed to be good and marketable. No responsibility is assumed for matters legal in character. Any and all property is appraised or evaluated as though free and clear, under responsible ownership and competent management.
2. It is assumed that any property is not in violation of any applicable codes, ordinances, statutes, or other governmental regulations.
3. Care has been taken to obtain all information from reliable sources. All data has been verified insofar as possible; however, the consultant can neither guarantee nor be responsible for the accuracy of information provided by others.
4. The consultant shall not be required to give a deposition and/or attend court by reason of this report unless subsequent contractual arrangements are made for in advance, including payment of an additional fee for such services according to our standard fee schedule, adjusted yearly, and terms of the subsequent contract of engagement.
5. Loss or alteration of any part of this report invalidates the entire report. Ownership of any documents produced passes to the Client only when all fees have been paid.
6. Possession of this report or a copy thereof does not imply right of publication or use for any purpose by any other than the person to whom it is addressed, without the prior expressed written or verbal consent of the consultant.
7. Neither all nor any part of the contents of this report, nor copy thereof, shall be conveyed by anyone, including the client, to the public through advertising, public relations, news, sales, or other media, without the prior expressed written or verbal consent of the consultant, particularly as to value conclusions, identity of the consultant, or any reference to any professional society or institute or to any initialed designation conferred upon the consultant as stated in his qualifications.
8. This report and any values expressed herein represent the opinion of the consultant and the consultant's fee is in no way contingent upon the reporting of a specified value, a stipulated result, the occurrence of a subsequent event, nor upon any finding to be reported.
9. Sketches, diagrams, graphs, drawings and photographs within this report are intended as visual aids and are not necessarily to scale and should not be construed as engineering or architectural reports or surveys. The reproduction of information generated by other consultants is for coordination and ease of

reference. Inclusion of such information does not constitute a representation by the consultant as to the sufficiency or accuracy of the information.

10. Unless expressed otherwise: 1) information contained in this report covers only those items that were examined and reflects the condition of those items at the time of inspection; and 2) the inspection is limited to visual examination of accessible items without laboratory analysis, dissection, excavation, probing or coring, unless otherwise stated.
11. There is no warranty or guarantee, expressed or implied, that problems or deficiencies of the plants or property in question may not arise in the future.
12. This report is based on the observations and opinions of Edwin E. Stirtz, and does not provide guarantees regarding the future performance, health, vigor, structural stability or safety of the plants described herein. Neither this author nor Sierra Nevada Arborists has assumed any responsibility for liability associated with the trees on or adjacent to this Project Site, their future demise and/or any damage which may result therefrom.
13. The information contained within this report is true to the best of the author's knowledge and experience as of the date it was prepared; however, certain conditions may exist which only a comprehensive, scientific, investigation might reveal which should be performed by other consulting professionals.
14. The legal description, dimensions, and areas herein are assumed to be correct. No responsibility is assumed for matters that are legal in nature.
15. Any changes to an established tree's environment can cause its decline, death and/or structural failure.

DEFINITIONS

Tree Number:	Corresponds to aluminum tag attached to the tree.
Species Identification:	Scientific and common species name.
Diameter (“DBH”):	This is the trunk diameter measured at breast height (industry standard 4.5 feet above ground level).
Dripline radius (“DLR”):	A radius equal to the horizontal distance from the trunk of the tree to the end of the farthest most branch tip prior to any cutting. When depicted on a map, the dripline will appear as an irregularly shaped circle that follows the contour of the tree’s branches as seen from overhead.
Protected Zone:	A circle equal to the largest radius of a protected tree’s dripline plus 1 foot.
Root Crown:	Assessment of the root crown/collar area located at the base of the trunk of the tree at soil level.
Trunk:	Assessment of the tree’s main trunk from ground level generally to the point of the primary crotch structure.
Limbs:	Assessment of both smaller and larger branching, generally from primary crotch structure to branch tips.
Foliage:	Tree’s leaves.
Overall Condition:	Describes overall condition of the tree in terms of structure and vigor.
Recommendation:	Pre-development recommendations based upon observed characteristics noted at the time of the field inventory effort.
Obscured:	Occasionally some portion of the tree may be obscured from visual inspection due to the presence of dense vegetation which, during the course of inspection for the arborist report, prevented a complete evaluation of the tree. In these cases, if the tree is to be retained on site the vegetation should be removed to allow for a complete assessment of the tree prior to making final decisions regarding the suitability for retention.

TREE CONDITION RATING CRITERIA

RATING TERM	ROOT CROWN	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR
Good	No apparent injuries, decay, cavities or evidence of hollowing; no anchoring roots exposed; no indications of infestation or disease	No apparent injuries, decay, cavities or evidence of hollowing; no codominant attachments or multiple trunk attachments are observed; no indications of infestation or disease	No apparent injuries, decay, cavities or evidence of hollowing; below average amount of dead limbs or twigs; no major limb failures or included bark; callus growth is vigorous	Leaf size, color and density are typical for the species; buds are normal in size, viable, abundant and uniform throughout the canopy; annual seasonal growth increments are average or above average; no insect or disease infestations/ infections evident	No apparent structural defects; no weak crotches; no excessively weighted branches and no significant cavities or decay	Tree appears healthy and has little or no significant deadwood; foliage is normal and healthy
Fair	Small to moderate injuries, decay, cavities or hollowing may be evident but are not currently affecting the overall structure; some evidence of infestation or disease may be present but is not currently affecting the tree's structure	Small to moderate injuries, decay, cavities or hollowing may be evident; codominant branching or multiple trunk attachments or minor bark inclusion may be observed; some infestation or disease may be present but not currently affecting the tree's structure	Small to moderate injuries, decay or cavities may be present; average or above average dead limbs or twigs may be present; some limb failures or bark inclusion observed; callus growth is average	Leaf size, color and density are typical or slightly below typical for the species; buds are normal or slightly sparse with potentially varied viability, abundance and distribution throughout the canopy; annual seasonal growth increments are average or slightly below average; minor insect or disease infestation/infection may be present	Minor structural problems such as weak crotches, minor wounds and/or cavities or moderate amount of excessive weight; non-critical structural defects which can be mitigated through pruning, cabling or bracing	Tree appears stressed or partially damaged; minimal vegetative growth since previous season; moderate amount of deadwood, abnormal foliage and minor lesions or cambium dieback
Poor	Moderate to severe injuries, decay, cavities or hollowing may be evident and are affecting the overall structure; presence of infestation or disease may be significant and affecting the tree's structure	Moderate to severe injuries, decay, cavities or hollowing may be evident and are affecting the tree's structure; presence of infestation or disease may be significant and affecting the tree's structure	Severe injuries, decay or cavities may be present; major deadwood, twig dieback, limb failures or bark inclusion observed; callus growth is below average	Leaf size, color and density are obviously abnormal; buds are obviously abnormal or absent; annual seasonal growth is well below average for the species; insect or disease problems may be severe	Obvious major structural problems which cannot be corrected with mitigation; potential for major limb, trunk or root system failure is high; significant decay or dieback may be present	Tree health is declining; no new vegetative growth; large amounts of deadwood; foliage is severely abnormal

The ratings "good to fair" and "fair to poor" are used to describe trees that fall between the described major categories and have elements of both

GENERAL PROTECTION GUIDELINES **FOR TREES PLANNED FOR PRESERVATION**

Great care must be exercised when work is conducted upon or around protected trees. The purpose of these General Protection Measures is to provide guidelines to protect the health of the affected protected trees. These guidelines apply to all encroachments into the protected zone of a protected tree, and may be incorporated into tree permits and/or other Conditions of Approval as deemed appropriate by the applicable governing body.

- ☐ A circle with a radius measurement from the trunk of the tree to the tip of its longest limb, plus one foot, shall constitute the critical root zone protection area of each protected tree. Limbs must not be cut back in order to change the dripline. The area beneath the dripline is a critical portion of the root zone and defines the minimum protected area of each protected tree. Removing limbs that make up the dripline does not change the protected area.
- ☐ Any protected trees on site which require pruning shall be pruned by an ISA Certified Arborist prior to the start of construction work. All pruning shall be in accordance with the American National Standards Institute (ANSI) A300 pruning standards, ANSI Standard 2133.1-2000 regarding safety practices, and the International Society of Arboriculture (ISA) "Tree Pruning Guidelines" and Best Management Practices.
- ☐ Prior to initiating construction, temporary protective fencing shall be installed at least one foot outside the root protection zone of the protected trees in order to avoid damage to the tree canopies and root systems. Fencing shall be installed in accordance with the approved fencing plan prior to the commencement of any grading operations or such other time as determined by the review body. The developer shall contact the Project Arborist and the Planning Department for an inspection of the fencing prior to commencing construction activities on site.
- ☐ Signs shall be installed on the protective fence in four (4) equidistant locations around each individual protected tree. The size of each sign must be a minimum of two (2) feet by two (2) feet and must contain the following language:

**WARNING: THIS FENCE SHALL NOT BE REMOVED OR RELOCATED
WITHOUT WRITTEN AUTHORIZATION FROM THE CITY OF
ROSEVILLE.**

Once approval has been obtained by the City of Roseville protective fencing shall remain in place throughout the entire construction period and shall not be removed, relocated, taken down or otherwise modified in whole or in part without prior written authorization from the Agency, or as deemed necessary by the Project Arborist to facilitate approved activities within the root protection zone.

- ☐ Any removal of paving or structures (i.e. demolition) that occurs within the dripline of a protected tree shall be done under the direct supervision of the Project Arborist. To the maximum extent feasible, demolition work within the dripline protection area of the protected tree shall be performed by hand. If the Project Arborist determines that it is not feasible to perform some portion(s) of this work by hand, then the smallest/lightest weight equipment that will adequately perform the demolition work shall be used.
- ☐ No signs, ropes, cables (except those which may be installed by an ISA Certified Arborist to provide limb support) or any other items shall be attached to the protected trees. Small metallic numbering tags for the purpose of identification in preparing tree reports and inventories shall be allowed.
- ☐ No vehicles, construction equipment, mobile homes/office, supplies, materials or facilities shall be driven, parked, stockpiled or located within the driplines of protected trees.
- ☐ Drainage patterns on the site shall not be modified so that water collects, stands or is diverted across the dripline of any protected tree.
- ☐ No trenching shall be allowed within the driplines of protected trees, except as specifically approved by the Planning Department as set forth in the project's Conditions of Approval and/or approved tree permit. If it is absolutely necessary to install underground utilities within the dripline of a protected tree the utility line within the protected zone shall be "bored and jacked" or performed utilizing hand tools to avoid root injury under the direct supervision of the Project Arborist.
- ☐ Grading within the protected zone of a protected tree shall be minimized. Cuts within the protected zone shall be maintained at less than 20% of the critical root zone area. Grade cuts shall be monitored by the Project Arborist. Any damaged roots encountered shall be root pruned and properly treated as deemed necessary by the Project Arborist.
- ☐ Minor roots less than one (1) inch in diameter encountered during approved excavation and/or grading activities may be cut, but damaged roots shall be traced back and cleanly cut behind any split, cracked or damaged area as deemed necessary by the Project Arborist.
- ☐ Major roots greater than one (1) inch in diameter encountered during approved excavation and/or grading activities may not be cut without approval of the Project Arborist. Depending upon the type of improvement being proposed, bridging techniques or a new site design may need to be employed to protect the roots and the tree.

- ☐ Cut faces, which will be exposed for more than 2-3 days, shall be covered with dense burlap fabric and watered to maintain soil moisture at least on a daily basis (or possibly more frequently during summer months). If any native ground surface fabric within the protected zone must be removed for any reason, it shall be replaced within forty-eight (48) hours.
- ☐ If fills exceed 1 foot in depth up to 20% of the critical root zone area, aeration systems may serve to mitigate the presence of the fill materials as determined by the Project Arborist.
- ☐ When fill materials are deemed necessary on two or three sides of a tree it is critical to provide for drainage away from the critical root zone area of the tree (particularly when considering heavy winter rainfalls). Overland releases and subterranean drains dug outside the critical root zone area and tied directly to the main storm drain system are two options.
- ☐ In cases where a permit has been approved for construction of a retaining wall(s) within the protected zone of a protected tree the applicant will be required to provide for immediate protection of exposed roots from moisture loss during the time prior to completion of the wall. The retaining wall within the protected zone of the protected tree shall be constructed within seventy-two (72) hours after completion of grading within the root protection zone.
- ☐ The construction of impervious surfaces within the dripline of a protected tree shall be minimized. When necessary, a piped aeration system shall be installed under the direct supervision of the Project Arborist.
- ☐ Preservation devices such as aeration systems, tree wells, drains, special paving and cabling systems must be installed in conformance with approved plans and certified by the Project Arborist.
- ☐ No sprinkler or irrigation system shall be installed in such a manner that sprays water or requires trenching within the dripline of a protected tree. An above ground drip irrigation system is recommended. An independent low-flow drip irrigation system may be used for establishing drought-tolerant plants within the protected zone of a protected tree. Irrigation shall be gradually reduced and discontinued after a two (2) year period.
- ☐ All portions of permanent fencing that will encroach into the protected zone of a protected tree shall be constructed using posts set no closer than ten (10) feet on center. Posts shall be spaced in such a manner as to maximize the separation between the tree trunks and the posts in order to reduce impacts to the tree(s).

- Landscaping beneath native oak trees may include non-plant materials such as bark mulch, wood chips, boulders, etc. Planting live material under protected native oak trees is generally discouraged, and is not recommended within six (6) feet of the trunk of a native oak tree with a diameter at breast height (DBH) of eighteen (18) inches or less, or within ten (10) feet of the trunk of a native oak tree with a DBH of more than eighteen (18) inches. The only plant species which shall be planted within the dripline of native oak trees are those which are tolerant of the natural, semi-arid environs of the tree(s).

West Roseville, LLC
Parcel F-55, West Roseville Specific Plan Project Site
City of Roseville, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI-STEMS (inches)	TOTAL DBH (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (1-6)	Preservation (P/M/G)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR					
13980	Valley Oak	(<i>Quercus lobata</i>)		53	36	Fair	Poor to fair	Poor to fair	Dormant	Poor to fair	Fair	4	M	53	Lower trunk deformity, southwest side, 6'-9' above grade at location where water sprout arose at the primary crotch. Numerous large limb failures in the upper canopy with resulting decay. Above average amount of deadwood.	Perform aerial inspection, decay detection, and provide further recommendations.
13981	Blue Oak	(<i>Quercus douglasii</i>)		32	26	Fair	Poor	Poor to fair	Dormant	Poor	Fair	4	M	32	AKA Tree 2132 Old failure with resulting stub 12' above grade on the main stem. Remaining upper portion of the tree attaches below that point. Additional lateral limb partial failure, south side, 8' above grade. Limb is still alive, attached, and lying prone on grade.	Perform aerial inspection, decay detection, and provide further recommendations.
13982	Blue Oak	(<i>Quercus douglasii</i>)		40	29	Poor to fair	Fair	Poor to fair	Dormant	Poor to fair	Fair	4	M	40	Out of balance to the west. Several large limb failures in the upper canopy with resultant decay. Above average amount of deadwood.	Clean out crown and prune to reduce weight on the west side.
13983	Blue Oak	(<i>Quercus douglasii</i>)		38	10	Poor to fair	Poor	Poor	Dormant	Poor	Fair	4	M	38	AKA Tree 2134 DBH estimated due to active beehive. 95% of the tree has failed and stands as a 12' tall stump with 17' lateral growing toward the south. Severe decay throughout the center with an active beehive.	None at this time.
13984	Blue Oak	(<i>Quercus douglasii</i>)		39	33	Fair	Poor to fair	Poor to fair	Dormant	Poor to fair	Fair	4	M	39	Callusing trunk wound 11' above grade on the main stem. Minor to moderate decay evident. Failures of numerous large scaffolds in the upper canopy with resultant decay. Above average amount of deadwood.	Clean out crown and prune to reduce weight on the east side.
13985	Blue Oak	(<i>Quercus douglasii</i>)		42	40	Fair	Fair	Poor to fair	Dormant	Poor to fair	Fair	4	M	42	Several limb failures in the upper canopy with some resultant decay.	Clean out crown and prune to reduce weight throughout.

West Roseville, LLC
Parcel F-55, West Roseville Specific Plan Project Site
City of Roseville, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI-STEMS (inches)	TOTAL DBH (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (1-6)	Preservation (P/M/G)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR					
13986	Blue Oak	<i>(Quercus douglasii)</i>		34	38	Poor	Poor	Poor	Dormant	Poor	Poor to fair	4	M	34	AKA Tree 2137 Tree has suffered a catastrophic failure of the main stem 7' above grade. It appears to be partially attached to the lower trunk in one small area. Remaining trunk has a longitudinal stress fracture for 5' on the southwest side, and the remaining portion of the tree is supported by that lower trunk/stump.	None at this time.
13987	Valley Oak	<i>(Quercus lobata)</i>		39	22	Poor to fair	Poor	Poor	Dormant	Poor	Fair	4	M	39	AKA Tree 2138 Callusing lower trunk wound/cavity, east side and partially north side, 3'-9' above grade with significant interior decay. Out of balance to the west. Additional scaffold failures in the upper canopy with resultant decay. Above average amount of deadwood.	No maintenance recommendations at this time. However, the fall zone of the tree should be protected and any pedestrian activity precluded from that area.
13988	Blue Oak	<i>(Quercus douglasii)</i>		40	32	Fair	Fair	Poor to fair	Dormant	Poor to fair	Fair	4	M	40	AKA Tree 2126 Several failures of scaffolds in the upper canopy with resultant minor decay. Above average amount of deadwood.	None at this time.
13989	Blue Oak	<i>(Quercus douglasii)</i>		42	35	Fair	Poor to fair	Poor to fair	Dormant	Poor	Fair	4	M	42	Main stem died or failed approximately 21' above grade. Partial stub with decay evident extending down into the main stem. Everything up to that point is water sprouts except for two original lateral limbs. Weak attachments. Above average amount of deadwood.	Perform aerial inspection, decay detection, and provide further recommendations.
13990	Blue Oak	<i>(Quercus douglasii)</i>		39	30	Fair	Poor to fair	Poor to fair	Dormant	Poor to fair	Fair	4	M	39	Several scaffold failures in the upper canopy with resultant decay. Above average amount of deadwood.	Perform decay detection and provide further recommendations.

West Roseville, LLC
Parcel F-55, West Roseville Specific Plan Project Site
City of Roseville, California
TREE INVENTORY SUMMARY

TREE #	COMMON NAME	SPECIES	MULTI-STEMS (inches)	TOTAL DBH (inches)	DLR (feet)	CONDITIONAL ASSESSMENT						Rating (1-6)	Preservation (P/M/G)	Protected City Tree	NOTABLE CHARACTERISTICS	MAINTENANCE RECOMMENDATIONS
						RT CR	TRUNK	LIMBS	FOLIAGE	STRUCTURE	VIGOR					
13991	Blue Oak	(Quercus douglasii)		49	36	Fair	Fair	Poor to fair	Dormant	Poor to fair	Fair	4	M	49	Measured 3' above grade. Forks from grade to 6' above grade. Appears as though two trees grafted together. Failures of scaffolds in the upper canopy. Above average amount of deadwood.	Clean out crown and prune to reduce weight, primarily on the south and east sides.

TOTAL INVENTORIED TREES = 12 trees (487 aggregate diameter inches)
TOTAL RECOMMENDED REMOVALS = 0 trees (0 aggregate diameter inches)
PRECAUTIONARY TREES HIGHLIGHTED FOR REFERENCE
Rating (1-6, where 6 is remove) = 1=0 trees; 2=0 trees; 3=0 trees; 4=12 trees; 5=0 trees; 6=0 trees
Suitability for Preservation (Poor/Moderate/Good) = P=0 trees; M=12 trees; G=0 trees
Total Protected City Trees = 12 trees (487 aggregate diameter inches)

WEST ROSEVILLE, LLC.

PARCEL F-55 WEST ROSEVILLE SPECIFIC PLAN
SW Corner of Hayden Parkway & Blue Oaks Blvd.

TREE IVENTORY EXHIBIT

13980
X

STUMP

13990
X

13991
X

13989
X

13982
X

13981
X

13983
X

13984
X

13986
X

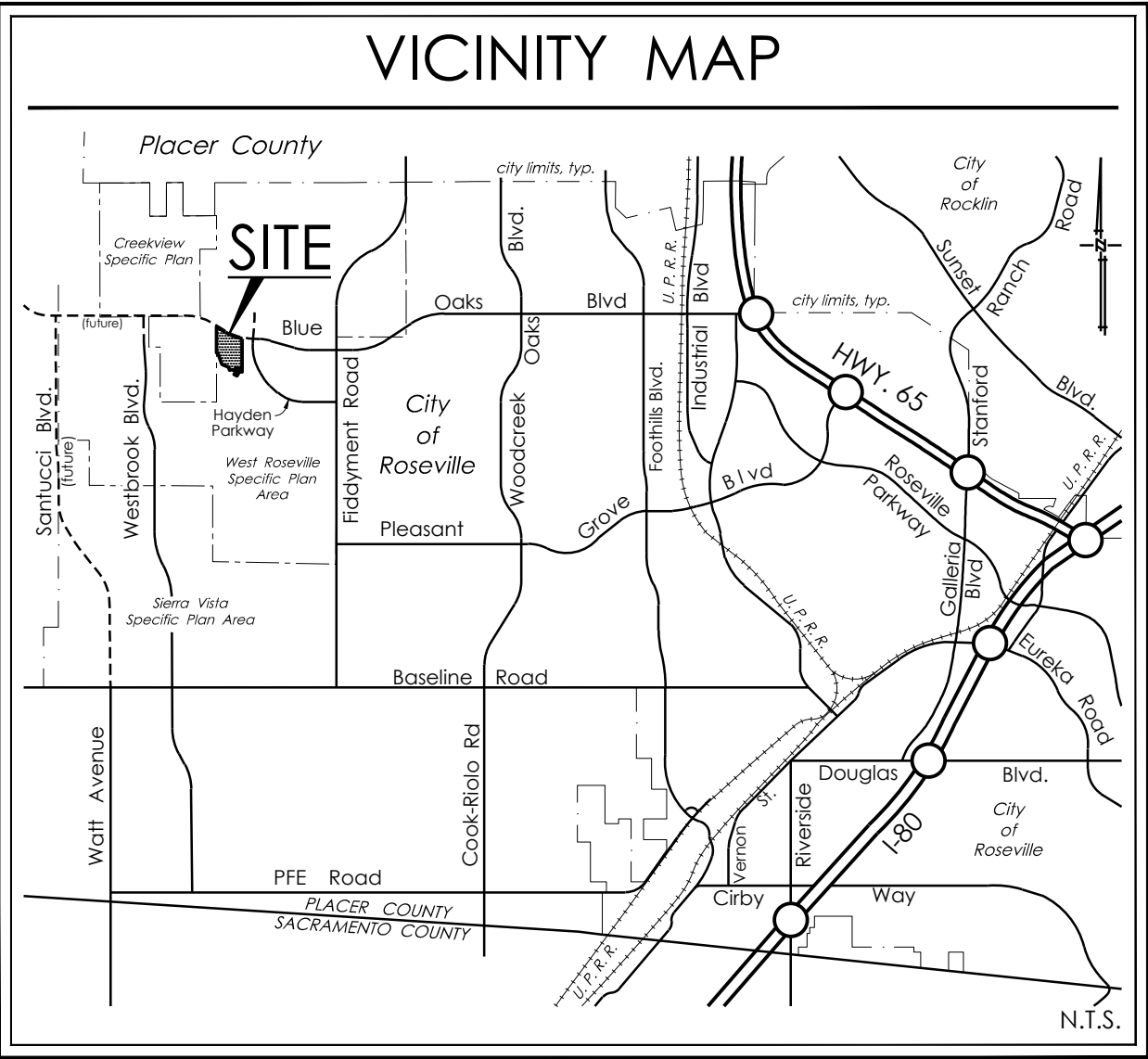
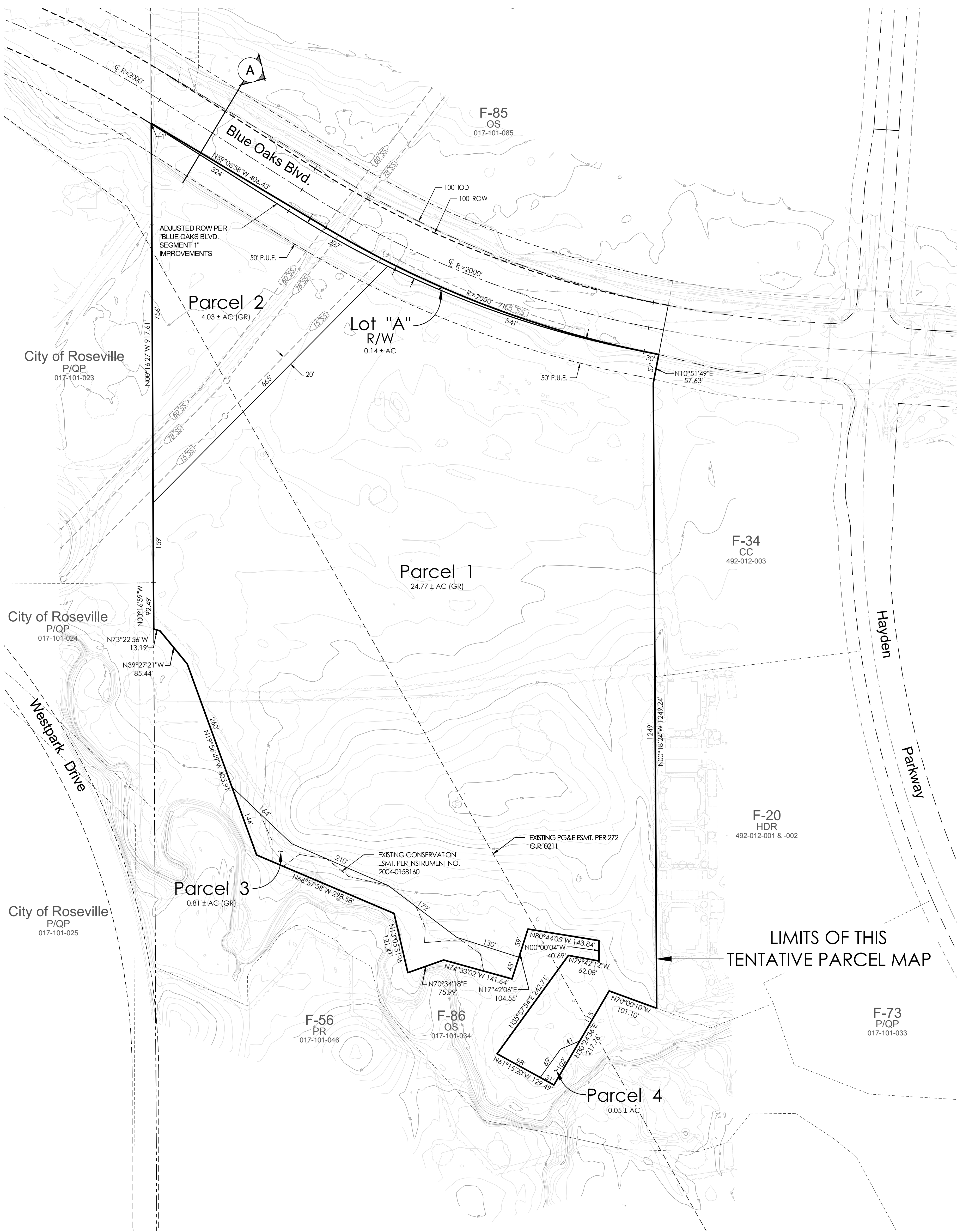
13987
X

13985
X

13988
X

Off-site trees

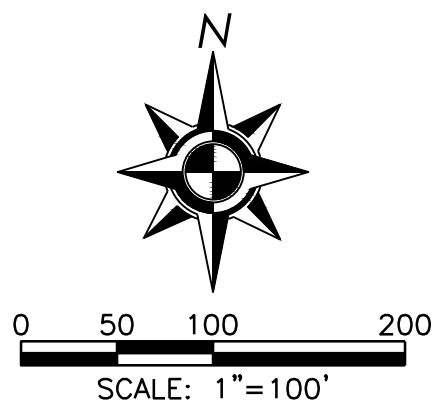
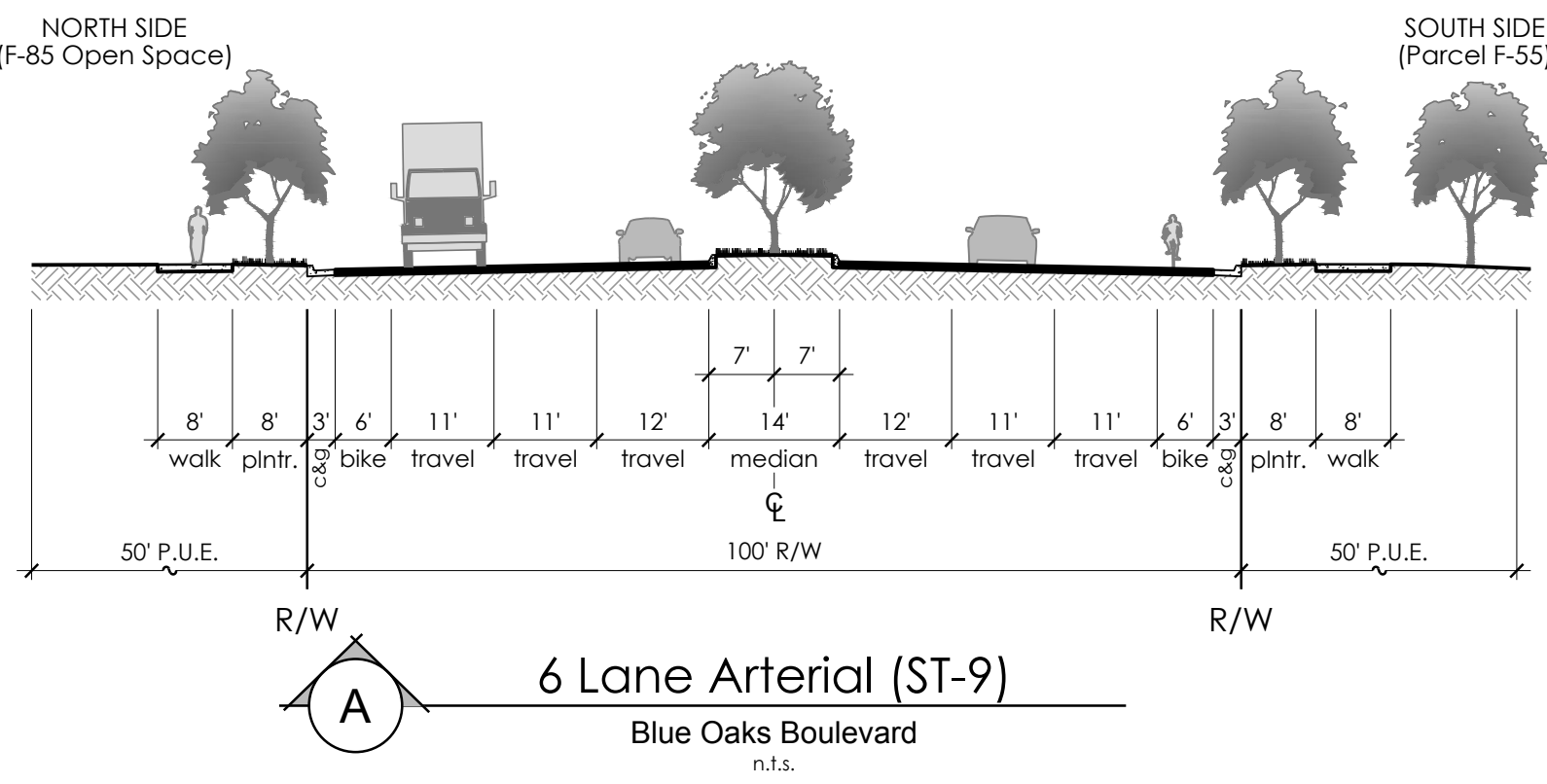




PARCEL SUMMARY	
Parcel	Gross Acres
1	24.77 ac.
2	4.03 ac.
3	0.81 ac.
4	0.05 ac.
Subtotal	29.66 ac.
Right of Way	
Lot A	0.14 ac.
Subtotal	0.14 ac.
Total	29.80 ac.

TENTATIVE PARCEL MAP INFORMATION	
APPLICANT:	West Roseville, LLC 1420 Rocky Ridge Drive, Suite 265 Roseville, CA 95661
ENGINEER:	MACKEY & SOMPS CIVIL ENGINEERS, INC. 1552 Eureka Road, Suite 100 Roseville, CA. 95661-3040 (916)773-1189
ASSESSOR'S PARCEL NUMBER:	492-012-004
TOTAL ACREAGE:	29.80 ± AC.
LAND USE:	
Existing General Plan Designation:	Parks and Recreation (PR)
ZONING:	
Existing Zone District:	Park and Recreation (PR)
NUMBER OF LOTS / PARCELS:	4: Park and Recreation (PR) Parcels 1: Right-of-Way Lot
SERVICE PROVIDERS:	
PARKS AND RECREATION:	City of Roseville
POLICE AND FIRE PROTECTION:	City of Roseville
SANITARY SEWER:	City of Roseville
DOMESTIC WATER:	City of Roseville
ELECTRICITY:	City of Roseville
TELEPHONE:	Consolidated Communications
GAS:	P.G.&E.
CABLE:	Comcast/Consolidated Communications

- TENTATIVE MAP NOTES**
1. PROPERTY DESCRIPTION: A portion of the Designated Remainder, as shown on that certain map entitled "Final Map of Fiddymen Ranch Phase 2 Large Lot Subdivision No. 03-11," filed July 28, 2006, in Book 88 of Maps, at Page 24, in the Office of the Placer County Recorder.
 2. Lot dimensions and acreages on this Tentative Parcel Map are approximate and are subject to change.
 3. Lot lines and lot areas may be adjusted at the time of Final Map(s) preparation provided no additional lots are created, subject to approval by the City of Roseville. Flexibility in Large Lot parcel configuration and phasing as shown hereon is permitted with the Final Map(s) provided that the configuration is in substantial compliance with this Tentative Parcel Map, subject to approval by the City of Roseville.
 4. Pursuant to the Government Code Section 66456.1, multiple Final Maps may be filed based upon this Tentative Parcel Map. The filing of a Final Map on a portion of this Phased Tentative Subdivision Map shall not invalidate any part of this Phased Tentative Subdivision Map.
 5. At the time of Final Map, Parcels 3 & 4 will be merged with Open Space Parcel F-86 (A.P.N. 017-101-034).
 6. Lot A (ROW) is to be offered as an I.O.D. to the City of Roseville.



COVER SHEET
TENTATIVE PARCEL MAP
Parcel F-55
A portion of the West Roseville Specific Plan
Roseville, CA
December 11, 2019



INTRODUCTION

The purpose of the following report and exhibits is to demonstrate the suitability of a proposed Musco LED lighting system in the specific application at Long Field Park. The proposed park is to have six (6) lighted soccer fields. There are residences to the west of the park that will not be appreciably impacted by the proposed Musco sports lighting system.

BACKGROUND

There are many decisions that go into planning a sports field lighting project. The most important being proper illumination on the playing field, but then also the careful consideration of how that can affect the neighborhood. Fortunately, there are design standards for illumination of sports lighting that guide the designers through the process. Two of the most important design standards are the Illuminating Engineering Society (IES), and the International Dark Sky Association (IDA). These design standards will guide us through the evaluation of the proposed Musco design, and show that light intrusion into the neighborhood is not a problem.

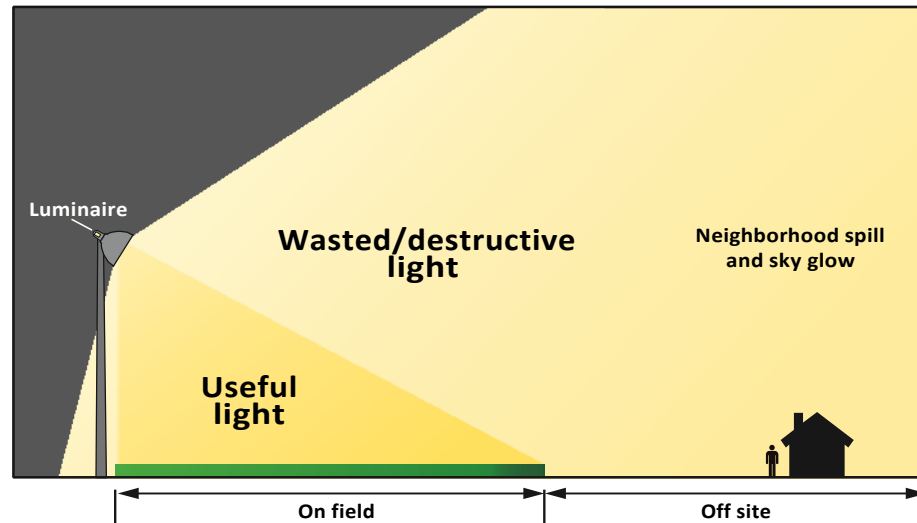
To encourage the use of the best available technology for dark sky preservation, IDA has established Criteria for Community-Friendly Outdoor Sports Lighting that upholds the values that many communities seek in their public illuminated spaces. These criteria ensure that the outdoor sports lighting design minimizes obtrusive light spill and glare into surrounding neighborhoods and natural areas, meets sustainability and climate-friendly goals, and reduces sky glow to the greatest extent practicable. By utilizing IDA's criteria, communities demonstrate and promote the vision for outdoor sports lighting and simultaneously meets the demanding task of illuminating night-time sports events, while preserving night skies. Musco sports lighting systems comply with and exceed IDA standards.

The IDA-Criteria for Community-Friendly Outdoor Sports Lighting, communities:

- Minimize neighborhood lighting nuisance by greatly reducing spill and glare disruption.
- Manage high-angle glare, thus dramatically decreasing off-site trespass and sky glow.

LIGHT TRESPASS & DARK SKY

With housing nearby, controlling light pollution is important for several reasons. Spill light, glare, and sky glow are considered wasted or destructive. Light trespass can be disruptive to peaceful sleep in the neighborhood. Glare, in general, creates a distracting outdoor environment.

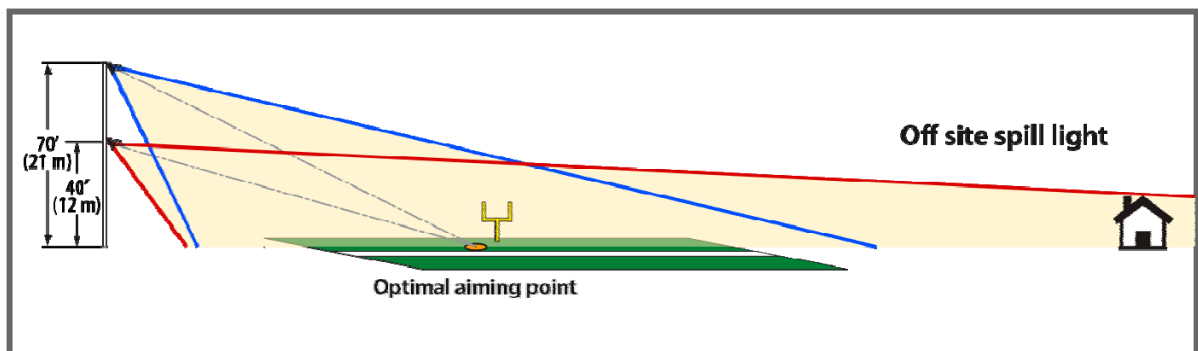


Fixtures with poor light control waste light by allowing it to go off the field into neighborhood spill and sky glow. Musco's light control redirects wasted spill light back onto the playing surface and away from the surrounding residences. Musco's efficient fixtures and system design, along with application expertise, positively impacts the quantity and quality of lighting results.

LIGHT SPILL CONTROL

Neighborhood impact is a factor in outdoor sports lighting. The Musco LED light source has extreme cut-off. However, if not properly controlled, the intensity of the multiple LED lamps, also has a greater risk of creating uncomfortable glare.

The need to limit light trespass near residential areas makes the use of a superior lighting optics system a more critical issue than required for most other outdoor lighting situations. In sports lighting design relatively high quantities of light need to be projected over long distances in a manner that meets the differing viewing needs of players and spectators, while still controlling light spill and glare.



RESIDENTIAL SPILL/GLARE

One of the most important elements of the Long Field Park lighting is the impact that the spots lighting could have on the adjacent residential community on the west side of the park. The aerial spill/glare exhibit (See 'Exhibit' section) shows maximum horizontal and vertical footcandles to expect for the Musco TLC lighting system. These values are calculated at the rear property lines of the adjacent homes. The highest resulting illumination levels at the residential property line is zero footcandles. This is the optimum result, as perfect as can be expected. Note that red values denote the lowest calculated light levels, i.e. zero. The green value denotes the highest calculated value, which is less than 1/100 footcandle.

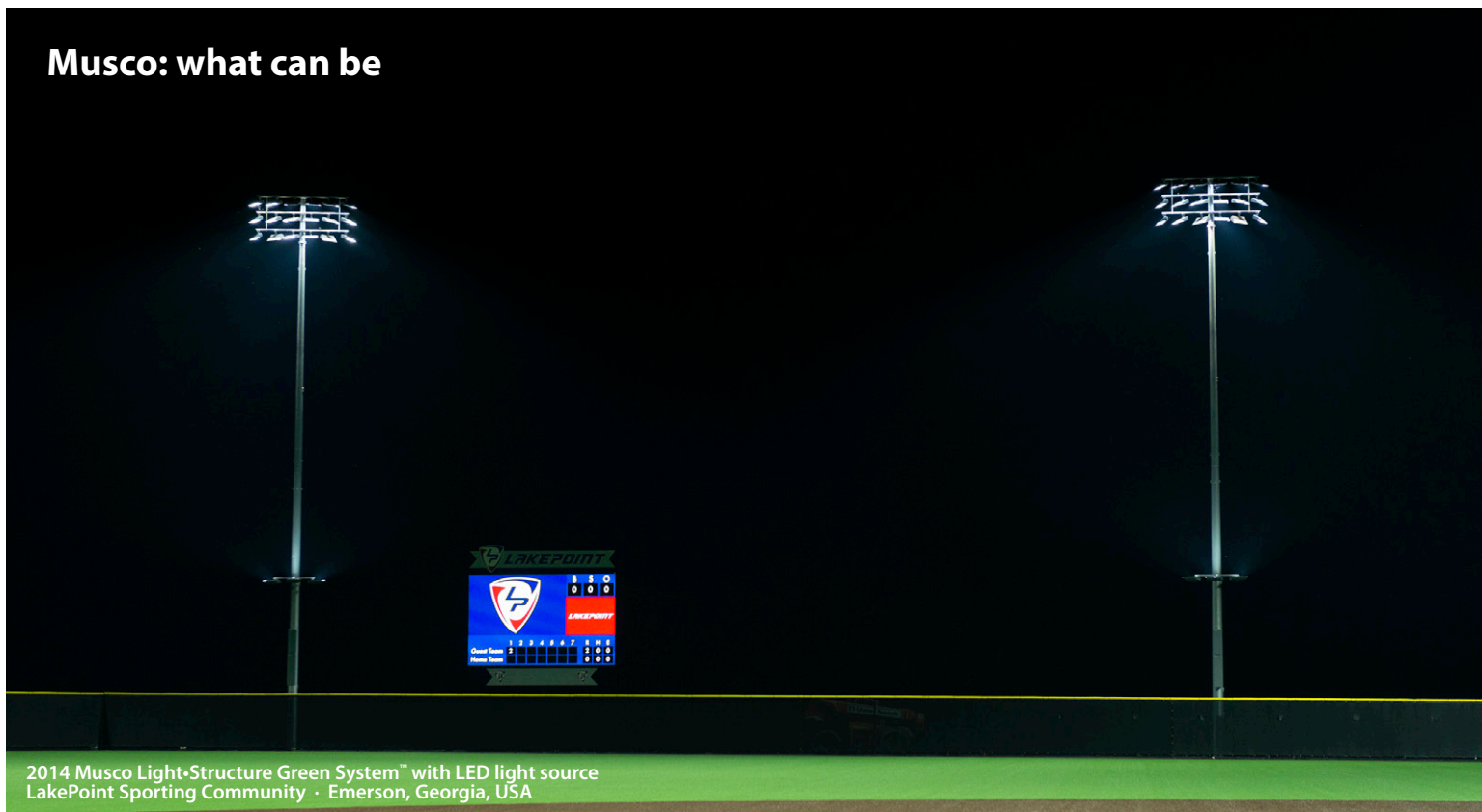
CONCLUSION

With the advent of Musco's advanced LED technology, superior illumination, spill control and uniformity are available for recreational facilities. The photometric calculations provided by Musco demonstrate that a 30 footcandle maintained average with a 2:1 maximum to minimum ratio is achieved on the playing field, while zero footcandles is projected to the residences. These are design standards that, until the development of Musco's Total Light Control LED technology, were only available to professional sporting facilities at inordinate expense. Now, the ability to prevent light trespass from affecting nearby communities is available to all at a fraction of the cost.

Musco is the world leader in sports lighting; it is the recommendation of Johnson Consulting that the design presented by Musco Lighting be implemented.

EXHIBITS

Musco: what can be



What often is



For more than 40 years the Musco Team has focused on researching control of light energy to deliver affordable systems that minimize glare and spill . . . reduce energy . . . provide optimal environment for athletes, spectators, and HD broadcasts . . . and assure long term trouble-free operation.

1977
SportsCluster-



1989
SportsCluster.2



1989
SportsCluster.2
with Level 8™



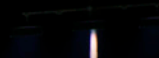
1989
Total Light
Control™



2005
Light-Structure
Green™ System
HID



2015
Light-Structure
Green™ System
LED



Photographed at 100 ft (30 m) from field edge

Used equal parameters for:

- On-field light level per pole
- Luminaire aiming angles
- Wattage per luminaire
- Pole distance from aiming point
- Mounting height



TECHNICAL MEMORANDUM

Date: December 6, 2019
To: Brian Walker, P.E., City of Roseville
From: Cindy Gwaltney, P.E.
CC: John Tallman, West Roseville LLC; reviewed by Mark Sauer, P.E.; Vance Jones
Subject: Coyote Creek Floodplain Mapping for Parcel F-55

Introduction

This Technical Memorandum (TM) is a floodplain analysis for the proposed development project on Parcel F-55 in the West Roseville Specific Plan area. This TM documents the data, analysis, and results for four conditions: existing, proposed, proposed with future bike trail bridge, and future fully developed unmitigated (FFDU) condition.

The total drainage area of Coyote Creek at the confluence with Pleasant Grove Creek is 546.5 acres (Figure 1) and includes the proposed project on Parcel F-55. Parcel F-55 is located to the south of Blue Oaks Boulevard, west of Fiddymont Road, and east of Westpark Drive. The proposed development consists of approximately 24.3 acres of low density residential (LDR) and approximately 0.5 acres of parking lot with adjacent landscape.

The purpose of this technical memo is to:

- Present technical hydrologic and hydraulics analysis for the existing, proposed, proposed with future bike trail bridge, and FFDU conditions.
- Present the updated 100-year 24-hour floodplain map for the existing, proposed, and FFDU conditions.
- Establish the 10-year maximum water surface elevation (max WSEL) for the Coyote Creek Bike Crossing.

The data, modeling, and exhibits herein are in the North American Vertical Datum 1988 (NAVD88). The vertical conversion from NAVD88 to City of Roseville NGVD 29 datum is -2.34-feet.

Previous Studies

The City of Roseville provided the following documents and data for this study. No other documents or previous modeling efforts were reviewed or utilized in the preparation of this study

- TM, HEC-1, and HEC-RAS models for the Coyote Creek Hydrology for Pleasant Valley Sports Complex Floodplain Mapping submitted by Wood Rodgers, Inc. and dated March 4, 2016.
- ArcGIS shapefile of the Coyote Creek Corridor (PL10C) shed.
- LiDAR data for the Coyote Creek corridor.

— Since 1953 —

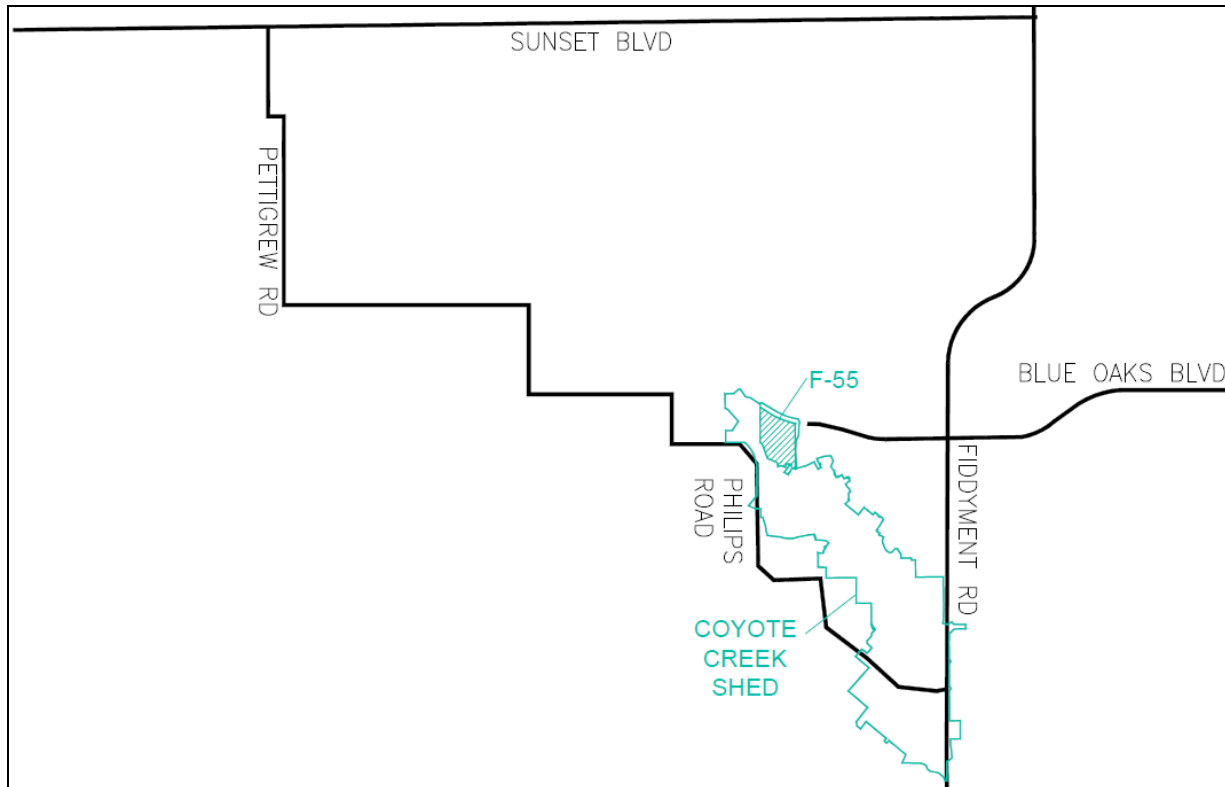


Figure 1. Project Location Map

Analysis Scenarios

The following conditions were analyzed:

- Existing Conditions: based on the current/existing land use as it is today. The Coyote Creek physical attributes presented in the City's model are not modified.
- Proposed Conditions: same as the existing condition scenario with modifications for the proposed grading and land use of Parcel F-55.
- Proposed Conditions with Bike Trail Bridge: same as the proposed condition scenario with the future bike trail bridge in the hydraulic model.
- Future Fully Developed Unmitigated Conditions (FFDU): uses the future fully developed land use for the hydrology and all retention, detention, and bridges are removed from the hydrologic and hydraulic models.

Hydrologic Analysis

The hydrologic analysis was conducted based on the HEC-1 model and PL10C shed boundary provided by the City. Hydrologic data was generated using the PL10C shed boundary. Exhibit 1 shows the hydrologic soil groups. Exhibit 2 shows the existing land use for the PL10C and F-55 boundaries. Exhibit 3 shows the proposed conditions land use changes within F-55 boundary. Exhibit 4 shows the FFDU land use for the entire Coyote Creek Corridor. The FFDU land use changes include public/quasi-public and park in the northwest, LDR in Parcel F-55, and commercial in the south.

The HEC-1 model was modified with infiltration rates based upon soil types as shown on Exhibit 1. The composite impervious rates are based upon the land uses presented in Exhibits 2 through 4. It should be noted that the PL10C shed area has change significantly since the original model developed by CH2M Hill in 1991. The HEC-1 model notes documented revisions for the Fiddyment Ranch in June 2000 and Westpark/ Revised Fiddyment in October 2001. CH2M Hill's PL10C shed area was 1241.6 acres (or 1.94

square miles). The PL10C area was subsequently reduced to 966 acres in the October 2001 Westpark/Fiddymment revision. The current PL10C shed area, based upon the shapefile provided by the City, is 547 acres (or 0.85 square miles). It is unclear when or why the changes occurred. To keep the overall hydrologic study consistent with prior models, in the HEC-1 model included herein, the PL10C shed was divided into two sheds: PL10C1 and PL10C2. The PL10C1 shed represents the 547 acres that contribute to Coyote Creek with the impervious percentage calculated from the existing, proposed, and FFDU land uses. The PL10C2 shed represents the remaining 419 acres using the original model's soil types and impervious percentage. The HEC-1 analysis herein utilizes the Placer County PDP2 pre-processor instead of PDP (version 1). Using this updated software aligns the hydrology data with the current standard but may create some minor differences in the runoff results. No other changes were made to the PL10C shed characteristics and no changes were made to other sheds. Appendix A presents the hydrologic data and HEC-1 model files.

Table 1 summarizes the 100-year 24-hour and 10-year 24-hour event peak flows for the three scenarios. The proposed conditions with bike trail bridge scenario uses the same hydrology as the proposed conditions and is not listed separately below. The peak flows were multiplied by the ratio of shed area at two locations where the 2016 HEC-RAS model had changes of flows. The shed area at each of these locations were delineated in AutoCAD based on station locations, existing topography and the PL10C shed boundary.

Table 1. Summary of Peak Flows for Existing, Proposed, and FFDU Conditions.

River Station	Shed Area (ac)	Shed Area Ratio to RS 0.037	Existing Peak Flows (cfs)		Proposed Peak Flows (cfs)		FFDU Peak Flows (cfs)	
			100-Year 24-Hour	10-Year 24-Hour	100-Year 24-Hour	10-Year 24-Hour	100-Year 24-Hour	10-Year 24-Hour
2.29	240.0	0.44	242	130	242	130	243	131
0.316	501.9	0.92	506	273	506	273	509	275
0.037	546.5	1.00	551	297	551	298	554	299

Hydraulic Analysis

The hydraulic analysis was conducted based on the 2016 HEC-RAS model provided by the City using HEC-RAS version 4.1.0. The HEC-RAS model was updated with the 100-year 24-hour event peak flows shown in Table 1. For the existing condition, no changes were made to the 2016 model geometry file. For the proposed condition, blocked obstructions were added at the corresponding cross sections with Parcel F-55's proposed pad elevations (converted to NAVD88). The FFDU condition geometry is the proposed condition geometry with all bridges and culverts removed. No other model parameters were modified for this hydraulic analysis.

The analysis results show there is no change in the 100-year max WSEL from the existing to proposed condition. This is expected based upon the relatively minor changes in land use from existing conditions. The FFDU 100-year max WSEL shows a decrease of 3.6-feet from the existing condition at RS 0.305 and an increase of 1.0-feet at RS 1.263. The changes in max WSEL for the FFDU are due to the removal of the hydraulic control structures. Appendix B shows the HEC-RAS model file outputs.

Floodplain Mapping

The existing, proposed, and FFDU conditions max WSEL were used to generate the Coyote Creek corridor floodplain maps included as Exhibits 6, 7, and 8, respectively. Exhibit 5 shows Parcel F-55 and its relationship to the proposed floodplain in more detail.

A 2-foot freeboard requirement applies to residential lots developed adjacent to the City's Regulatory Floodplain. The analysis and results of the floodplain mapping show that the minimum required freeboard to the residential development proposed on Parcel F-55 is met. Additionally, the analysis demonstrates that the proposed development has no impacts to the water surface elevations upstream nor downstream of the proposed project. This is proven by comparing the existing condition water surface elevations to the proposed condition water surface elevations and observing no change.

10-year Maximum Water Surface Elevation for the Proposed Bike Trail Bridge

The 10-year 24-hour event peak flows were analyzed for the proposed condition to establish the soffit elevation for the bike trail bridge. The future bridge would be located at approximately 2630-feet upstream of the Coyote Creek confluence with Pleasant Grove Creek. The model cross section closest to this location is RS 0.557. A bridge section was input downstream of this section to model the potential impact of the 100-year max WSEL. The 10-year max WSEL is 88.1-feet at this location. Therefore, the bridge soffit elevation is set at 89.1-feet, 1-foot above the 10-year maximum WSEL. The 100-yr max WSEL with the proposed bike trail bridge increased by a maximum of 0.1-foot immediately upstream of the bridge.

Comparison with the 2016 Floodplain Analysis

This section compares the current (2019) analysis result with the 2016 analysis documented in the "Coyote Creek Hydrology for Pleasant Valley Sports Complex Floodplain Mapping" (Wood Rodgers, 2016). This 2019 analysis is based on the HEC-1 and HEC-RAS models submitted to the City by Wood Rodgers in 2016. Changes were made as documented in the sections above. The 100-year peak flows listed in Table 2 of the 2016 TM were used to compare the hydrology model results. However, as described in footnotes 1 and 2 below, the following errors/typos were noted and corrected prior to making the comparison.

Excerpt from 2016 Wood Rodgers TM, Table 2:

River Station	100-Year Peak Discharge	
	Developed	Existing
4.04	489	240
2.28*	517	349
1.97	567	387

** River Station 1.96 is at the Pleasant Grove Creek confluence*

1. The 2016 TM's Table 2 River Stations (RS) do not match the RS in the 2016 HEC-RAS steady flow data. The flow of 489 cfs was set at 2.29 in the RAS model, while the same flow was recorded for RS 4.04 in Table 2. Similarly, the flow at RS 2.28 corresponds to RAS RS 0.316. The flow at RS 1.97 corresponds to RAS RS 0.037.
2. The footnote in Table 2 states RS 1.96 is at the Pleasant Grove Creek Confluence, while the note indicator (*) is next to 2.28 in the Table 2. It was assumed that RS 1.97 in Table 2 is actually RS 0.316 in the RAS model and is at the Pleasant Grove Creek confluence.

The table below compares the proposed and existing condition 100-year peak flows of the two studies. The 2016 TM stated the "The steady-state flows used in the 2010 Analysis for flood mapping were based on distributing the watershed inflow hydrograph into an unsteady HEC-RAS model and using those results to identify appropriate steady-state discharges" (WR 2016). Additional information on this method was not available. Therefore, the 2019 analysis used a shed area weighting method to distribute the peak flows. Details of the method and data source are documented in the Hydrology section of this TM. Note that the 2016 and 2019 analysis yielded 100-year peak flows of 567 cfs and 551 cfs, respectively. This 2.9% difference in 100-year peak flows is considered negligible. However, due to the peak flow distribution method, the peak flows at RS 2.29 for the 2016 and 2019 analysis are 489 cfs and 242 cfs,

respectively. Subsequently, the computed 100-year max WSEL in the 2016 study is higher than the 2019 study. The shed area at RS 2.29 and RS 0.037 are 240.0 acres and 546.5 acres, respectively. The shed area difference is a logical explanation of the lower peak flows of 242 cfs at the upstream end of the model.

Table 2. Comparison of 2016 and 2019 Analysis 100-Year 24-Hour Peak Flows

River Station	2016 TM		2019 TM	
	Proposed (cfs)	Existing (cfs)	Proposed (cfs)	Existing (cfs)
2.29	489	240	242	242
0.316	517	349	506	506
0.037	567	387	551	551

Conclusion

This TM summarizes the model, data, and methods used to develop the Coyote Creek Corridor floodplain maps for the Existing, Proposed, and FFDU conditions. Exhibit 1 shows the soil types used herein and Exhibits 2 through 4 show the land use of the three scenarios analyzed. Exhibits 5 through 8 show the 100-year floodplain boundaries. As can be observed on Exhibit 5, the pad elevations for Parcel F-55 meet the minimum freeboard requirement of 2-feet above the 100-year 24-hour maximum water surface elevation. There are no impacts to the floodplain by the proposed development, that is, there are no detectable change in water surface elevations from the existing condition. This TM and accompanying exhibits are suitable submittal to the City of Roseville for the Parcel F-55 Tentative Map Application.

Appendix A

HEC-1 Modeling Data and Results

Not Included



WRSP Parcels F-55 and W-60a Rezone Environmental Noise Assessment

City of Roseville, California

November 15, 2019

jcb Project # 2019-153

Prepared for:

Westpark Communities

Attn:

**Mr. John Tallman
1420 Rocky Ridge Drive, Suite 265
Roseville, CA 95661**

Prepared by:

j.c. brennan & associates, Inc.

**Jim Brennan
President**

Member: Institute of Noise Control Engineering (INCE)



INTRODUCTION

This report describes the existing noise environment, the proposed changes in traffic noise levels, and the potential Play Fields noise impacts associated with the proposed WRSP Parcels F-55 and W-60a Rezone, within the City of Roseville, California. In addition, this analysis will evaluate the potential traffic noise levels, nearby energy park, and the City of Roseville Waste Water Treatment Plant (WWTP) at the proposed residential portion of the project.

PROJECT DESCRIPTION

The proposed project description is as follows:

- Under this plan, Westpark Communities will acquire a portion of the Parcel F-55 - Regional Park Site (approximately 25 acres) from the City. A portion of Parcel 55 would be rezoned from Park & Recreation uses to Small Lot Residential consisting of 99 single-family detached dwelling units;
- The City will acquire Parcel W-60a - Light Industrial zoned property of similar size from Westpark. The Parcel would be rezoned from Light Industrial/Special Area to Park & Recreation, which would accommodate the regional sports complex.

Figure 1 shows the project site locations and the changes in zoning. Figure 2 shows the proposed concept plan for the play fields for Parcel W-60a. Figure 3 shows the Tentative Map for Parcel F-55.



Existing Zoning		
Parcel	Zoning District	Acres
P-33	PH (Park & Recreation)	29.66 ac.
F-20a	MI/SA (Light Industrial/Special Area)	25.20 ac.
TOTAL		\$4.86 ac.

Parcel	Zoning District	Acres
F-35a	CS-35 (General Use Residential Development Standard)	24.28 ac.
F-35b	PH (Park & Recreation)	0.03 ac.
F-36a	CS (Open Space)	0.81 ac.
F-36b	CS (Open Space)	0.05 ac.
F-37b	CS (Attached Housing)	0.49 ac.
F-40a	PH (Park & Recreation)	25.20 ac.
TOTAL		\$4.86 ac.



Figure 1
Parcel Rezone & Monitoring Sites

Figure 2
Parcel W-60a Play Fields



ENVIRONMENTAL SETTING

BACKGROUND INFORMATION ON NOISE

Fundamentals of Acoustics

Acoustics is the science of sound. Sound may be thought of as mechanical energy of a vibrating object transmitted by pressure waves through a medium to human (or animal) ears. If the pressure variations occur frequently enough (at least 20 times per second), then they can be heard and are called sound. The number of pressure variations per second is called the frequency of sound, and is expressed as cycles per second or Hertz (Hz).

Noise is a subjective reaction to different types of sounds. Noise is typically defined as (airborne) sound that is loud, unpleasant, unexpected or undesired, and may therefore be classified as a more specific group of sounds. Perceptions of sound and noise are highly subjective from person to person.

Measuring sound directly in terms of pressure would require a very large and awkward range of numbers. To avoid this, the decibel scale was devised. The decibel scale uses the hearing threshold (20 micropascals), as a point of reference, defined as 0 dB. Other sound pressures are then compared to this reference pressure, and the logarithm is taken to keep the numbers in a practical range. The decibel scale allows a million-fold increase in pressure to be expressed as 120 dB, and changes in levels (dB) correspond closely to human perception of relative loudness.

The perceived loudness of sounds is dependent upon many factors, including sound pressure level and frequency content. However, within the usual range of environmental noise levels, perception of loudness is relatively predictable, and can be approximated by A-weighted sound levels. There is a strong correlation between A-weighted sound levels (expressed as dBA) and the way the human ear perceives sound. For this reason, the A-weighted sound level has become the standard tool of environmental noise assessment. All noise levels reported in this section are in terms of A-weighted levels, but are expressed as dB, unless otherwise noted.

The decibel scale is logarithmic, not linear. In other words, two sound levels 10 dB apart differ in acoustic energy by a factor of 10. When the standard logarithmic decibel is A-weighted, an increase of 10 dBA is generally perceived as a doubling in loudness. For example, a 70 dBA sound is half as loud as an 80 dBA sound, and twice as loud as a 60 dBA sound.

Community noise is commonly described in terms of the ambient noise level, which is defined as the all-encompassing noise level associated with a given environment. A common statistical tool is the average, or equivalent, sound level (L_{eq}), which corresponds to a steady-state A weighted sound level containing the same total energy as a time varying signal over a given time period (usually one hour). The L_{eq} is the foundation of the composite noise descriptor, L_{dn} , and shows very good correlation with community response to noise.



The day/night average level (L_{dn}) is based upon the average noise level over a 24-hour day, with a +10 decibel weighing applied to noise occurring during nighttime (10:00 p.m. to 7:00 a.m.) hours. The nighttime penalty is based upon the assumption that people react to nighttime noise exposures as though they were twice as loud as daytime exposures. Because L_{dn} represents a 24-hour average, it tends to disguise short-term variations in the noise environment. Table 1 lists several examples of the noise levels associated with common situations. Appendix A provides a summary of acoustical terms used in this report.

Effects of Noise on People

The effects of noise on people can be placed in three categories:

- Subjective effects of annoyance, nuisance, and dissatisfaction
- Interference with activities such as speech, sleep, and learning
- Physiological effects such as hearing loss or sudden startling

Environmental noise typically produces effects in the first two categories. Workers in industrial plants can experience noise in the last category. There is no completely satisfactory way to measure the subjective effects of noise or the corresponding reactions of annoyance and dissatisfaction. A wide variation in individual thresholds of annoyance exists and different tolerances to noise tend to develop based on an individual's past experiences with noise.

Thus, an important way of predicting a human reaction to a new noise environment is the way it compares to the existing environment to which one has adapted: the so-called ambient noise level. In general, the more a new noise exceeds the previously existing ambient noise level, the less acceptable the new noise will be judged by those hearing it.

With regard to increases in A-weighted noise level, the following relationships occur:

- Except in carefully controlled laboratory experiments, a change of 1 dBA cannot be perceived;
- Outside of the laboratory, a 3 dBA change is considered a just-perceivable difference;
- A change in level of at least 5 dBA is required before any noticeable change in human response would be expected; and
- A 10 dBA change is subjectively heard as approximately a doubling in loudness, and can cause an adverse response.

Stationary point sources of noise – including stationary mobile sources such as idling vehicles – attenuate (lessen) at a rate of approximately 6 dB per doubling of distance from the source, depending on environmental conditions (i.e. atmospheric conditions and either vegetative or manufactured noise barriers, etc.). Widely distributed noises, such as a large industrial facility spread over many acres, or a street with moving vehicles, would typically attenuate at a lower rate.



Table 1

LOUDNESS COMPARISON CHART (dBA)

Common Outdoor Activities	Noise Level (dBA)	Common Indoor Activities
Jet Fly-over at 1000 ft	110	Rock Band
Gas Lawn Mower at 3 ft	100	
	90	Food Blender at 3 ft
Diesel Truck at 50 ft at 50 mph	80	Garbage Disposal at 3 ft
Noisy Urban Area, Daytime	70	Vacuum Cleaner at 10 ft
Gas Lawn Mower at 100 ft		Normal Speech at 3 ft
Commercial Area	60	
Heavy Traffic at 300 ft	50	Large Business Office
Quiet Urban, Daytime	40	Dishwasher Next Room
Quiet Urban, Nighttime	30	Theater, Large Conference Room (Background)
Quiet Suburban, Nighttime	20	Library
	10	Bedroom at Night, Concert Hall (Background)
Quiet Rural, Nighttime	0	Broadcast/Recording Studio
Lowest Threshold of Human Hearing		Lowest Threshold of Human Hearing

An increase of 3 dBA is barely perceptible to the human ear.



EXISTING AMBIENT NOISE LEVELS

On October 26, 2019, j.c. brennan & associates, Inc. conducted continuous hourly noise measurements for a period of 24-hours at each of the parcels. Noise measurement locations are shown on Figure 1. A summary of the noise level measurement survey results are provided in Table 2. Appendix B contains the complete results of the noise monitoring.

Larson Davis Laboratories (LDL) Model 820 precision integrating sound level meters were used for the ambient noise level measurement survey. The meters were calibrated before and after use with an LDL Model CAL200 acoustical calibrator to ensure the accuracy of the measurements. The equipment used meets all pertinent specifications of the American National Standards Institute for Type 1 sound level meters (ANSI S1.4).

The sound level meters were programmed to record the maximum, median, and average noise levels at each site during the survey. The maximum value, denoted L_{max} , represents the highest noise level measured. The average value, denoted L_{eq} , represents the energy average of all of the noise received by the sound level meter microphone during the monitoring period. The median value, denoted L_{50} , represents the sound level exceeded 50 percent of the time during the monitoring period.

TABLE 2
SUMMARY OF EXISTING BACKGROUND NOISE MEASUREMENT DATA

Site	Location	24-Hour Ldn	Average Daytime Measured Sound Level, dBA			Average Nighttime Measured Sound Level, dBA		
			L_{eq}	L_{50}	L_{max}	L_{eq}	L_{50}	L_{max}
A	Parcel W-60a	54.5 dBA	50.7	43.6	70.4	47.4	45.0	62.3
B	Parcel F-55	53.7 dBA	48.9	45.6	66.1	47.0	45.6	55.8

Source - j.c. brennan & associates, Inc. 2019.



REGULATORY CONTEXT

City of Roseville General Plan

The City of Roseville General Plan Noise Element provides the following goals and policies relative to noise.

Goals:

1. Protect City residents from the harmful and annoying effects of exposure to excessive noise.
2. Protect the economic base of the City by preventing incompatible land uses from encroaching upon existing or planned noise-producing uses.

Policies – Transportation Noise

1. Allow the development of new noise-sensitive land uses (which include but are not limited to residential, schools, and hospitals) only in areas exposed to existing or projected levels of noise from transportation noise sources which satisfy the levels specified in Table 3. Noise mitigation measures may be required to reduce noise in outdoor activity areas and interior spaces to the levels specified in Table 3.

Recognizing that in increasingly urban areas it is difficult to maintain suburban noise standards, and in order to facilitate the City's goals to encourage reinvestment and economic development in the Riverside and Downtown Specific Plan areas, the City may elect to allow new noise-sensitive land uses on a case by case basis in proximity to transportation sources. Noise mitigation, including an acoustical analysis, would be required to reduce interior space noise levels to the standards specified in Table 6. Exterior noise levels would require mitigation to the extent feasible using building orientation, construction and design features; however ultimately, noise levels may exceed the noise standards identified in Table 3.

2. Require new roadway improvement projects to be mitigated so as not to exceed the noise levels specified in Table 6 at outdoor activity areas or interior spaces of existing noise sensitive land uses.
3. Evaluate new transportation projects, such as light and heavy rail, using the standards contained in Table 3. However, noise from these projects may be allowed to exceed the standards contained in Table 3 if the City Council finds that there are special overriding circumstances.
4. Require an acoustical analysis where:



- a. Noise sensitive land uses are proposed in areas exposed to existing or projected noise levels exceeding the levels specified in Table 3;
- b. Proposed transportation noise source projects are likely to produce noise levels exceeding the levels specified in Table 3 at existing or planned noise-sensitive uses.

An acoustical analysis shall be required as part of the environmental review process so that noise mitigation may be considered in the project design.

5. Work in cooperation with Caltrans and the Union Pacific Transportation Company to maintain noise level standards for both new and existing projects in compliance with Table 3.

Policies – Fixed Noise Source

6. Allow the development of new noise-sensitive uses (which include, but are not limited to, residential, school, and hospitals) only where the noise level due to fixed (non-transportation) noise sources satisfies the noise level standards of Table 4. Noise mitigation may be required to meet Table 4 performance standards.

Recognizing that in increasingly urban areas it is difficult to maintain suburban noise standards, and in order to facilitate the City's goals to encourage reinvestment and economic development in the Riverside and Downtown Specific Plan areas, the City may elect to allow new noise-sensitive land uses on a case by case basis in a mixed-use environment. Noise levels would require mitigation to the extent feasible using building orientation, construction and design features; however ultimately, noise levels may exceed noise standards identified in Table 4.

7. Require proposed fixed noise sources adjacent to noise-sensitive uses to be mitigated so as not to exceed the noise level performance standards of Table 4.
8. Require an acoustical analysis where:

Noise-sensitive land uses are proposed in areas where existing or anticipated future fixed noise sources may

- a. Proposed non-residential or other fixed noise sources are likely to produce noise levels exceeding the performance standards of Table 4 at existing or planned noise-sensitive uses.

An acoustical analysis shall be required as part of the environmental review process so that noise mitigation may be considered during project design.



Policies – General

9. Where noise mitigation measures are required to achieve the standards of Tables 3 and 3, the emphasis of such measures should be placed on site planning and project design. These measures may include, but are not limited to, building orientation, setbacks, landscaping, and building construction practices. The use of noise barriers, such as soundwalls, should be considered as a means of achieving the noise standards only after all other practical design-related noise mitigation measures have been integrated into the project.

TABLE 3
(TABLE IX-1 OF THE ROSEVILLE GENERAL PLAN NOISE ELEMENT)
MAXIMUM ALLOWABLE NOISE EXPOSURE TRANSPORTATION NOISE SOURCES

Land Use	Outdoor Activity Areas ¹ L _{dn} /CNEL, dB	Interior Spaces	
		L _{dn} /CNEL, dB	L _{eq} , dB ²
Residential	60 ³	45	--
Transient Lodging	60 ³	45	--
Hospitals & Nursing Homes	60 ³	45	--
Theaters, Auditoriums, Music Halls	--	--	35
Churches, Meeting Halls	60 ³	--	40
Office Buildings	65	--	45
Schools, Libraries, Museums	--	--	45
Playgrounds, Neighborhood Parks	70	--	--

1. Outdoor activity areas for residential developments are considered to be the back yard patios or decks of single family dwelling, and the patios or common areas where people generally congregate for multi-family development.

Outdoor activity areas for non-residential developments are considered to be those common areas where people generally congregate, including pedestrian plazas, seating areas and outside lunch facilities.

Where the location of outdoor activity areas is unknown, the exterior noise level standard shall be applied to the property line of the receiving land use.

2. As determined for a typical worst-case hour during periods of use.

3. Where it is not possible to reduce noise in outdoor activity areas to 60 dB L_{dn}/CNEL or less using a practical application of the best-available noise reduction measures, an exterior noise level of up to 75 dB L_{dn}/CNEL may be allowed provided that available exterior noise level reduction measures have been implemented and interior noise levels area in compliance with this table.

Note: Where a proposed use is not specifically listed on this table, the use shall comply with the noise exposure standards for the nearest similar use as determined by the Planning Department. Commercial and industrial uses have not been listed because such uses are not considered to be particularly sensitive to noise exposure.

Source: City of Roseville, 2035 General Plan.



TABLE 4
(TABLE IX-3 OF THE CITY OF ROSEVILLE GENERAL PLAN NOISE ELEMENT)
PERFORMANCE STANDARDS FOR NON-TRANSPORTATION NOISE SOURCES

Noise Level Descriptor	Daytime (7 a.m. - 10 p.m.)	Nighttime (10 p.m. - 7 a.m.)
Hourly Average (L_{eq})	50 dB	45 dB
Maximum Level (L_{max})	70 dB	65 dB
Each of the noise levels specified above should be lowered by five dB for simple tone noises, noises consisting primarily of speech or music, or for recurring impulsive noises. Such noises are generally considered by residents to be particularly annoying and are a primary source of noise complaints. These noise level standards do not apply to residential units established in conjunction with industrial or commercial uses (e.g., caretaker dwellings). No standards have been included for interior noise levels. Standard construction practices should, with exterior noise levels identified, result in acceptable interior noise levels. Source: City of Roseville, 2035 General Plan.		

Roseville Municipal Code

The City of Roseville Noise Ordinance, Chapter 9.24 of the Municipal Code establishes procedures and policies for handling noise complaints within the City. The ordinance also establishes limits on noise sources, such as amplified music or sound.

Section 9.24.120 of the ordinance establishes limits for activities occurring on industrial zoned lands adjacent to residential property. The ordinance allows for nighttime noise levels up to 52 dBA L_{eq} and 72 dBA L_{max} during nighttime hours. This standard could apply to activities occurring at the Roseville Energy Park.

Section 9.24.150.G of the ordinance also exempts noise from private construction (e.g., construction, alteration or repair activities) between the hours of 7:00 a.m. and 7:00 p.m. Monday through Friday, and between the hours of 8:00 a.m. and 8:00 p.m. Saturday and Sunday; provided, however, that all construction equipment is fitted with factory installed muffling devices and that all construction equipment shall be maintained in good working order.

EVALUATION OF NOISE LEVELS AT THE PROJECT SITE, AND PROJECT-GENERATED NOISE SOURCES

Traffic Noise

Project Generated Traffic Noise

Based upon the traffic analysis prepared by Fehr & Peers to analyze these proposed land use changes, the changes would result in a net reduction of 2,305 daily vehicle trips, and a reduction of 359 P.M. peak hour trips, and a reduction of 259 A.M. peak hour trips. This reduction in net external vehicle trips will result in reduced daily traffic volumes on roadways in



the project area. For example, the traffic study indicates that Blue Oaks Boulevard at the Parcel F-55 project site will experience approximately 2,554 P.M. peak hour traffic, and approximately 25,540 average daily traffic. A reduction of 359 peak hour trips, and 2,305 daily trips would result in an overall reduction of approximately 0.7 dBA in overall traffic noise levels. A change in noise levels of 0.7 dBA is imperceptible to the human ear.

Blue Oaks Traffic Noise at the Project Site

Based upon a traffic volume of 25,540 ADT on Blue Oaks Boulevard, the predicted noise levels at the Parcel F-55 would be 69 dB Ldn. Based upon a predicted noise level of 69 dB Ldn, a barrier 7-feet in height, and located at the property lines of the lots facing Blue Oaks Boulevard would be required to achieve the exterior noise level standard of 60 dB Ldn. This is based upon the preliminary elevation of Blue Oaks Boulevard of 85-feet, and building pad elevations between 90-feet and 91-feet.

The interior noise level standard of 45 dB Ldn would be achieved, based upon a typical exterior to interior noise level reduction of 25 dB, using typical construction techniques. Air conditioning would be required to allow residents to close windows and doors for the appropriate acoustical isolation.

W-60a Park Noise Levels

In order to estimate the noise levels resulting from use of the proposed Parcel W-60a Park, j.c. brennan & associates, Inc. utilized noise level measurements conducted for similar types of active play fields. Active parks which include soccer fields and softball/baseball fields have noise sources such as crowds cheering or amplified announcements. For the assessment of playing field noise impacts, noise level data collected at both a soccer complex in Grass Valley, California and for a softball complex in Cathedral City, California were used.

Noise sources at these areas would primarily be shouting and cheering adults or children during intermittent periods of the sporting events and practice sessions. The data indicate that average and maximum noise levels during games are approximately 60 dB Leq and 70 dB Lmax at a distance of 100 feet from the focal point of the soccer playing fields. These reference noise levels are based upon crowd sizes of approximately 100 people.

For these facilities, the focal point of noise varies with considerable excitement generated when the ball is near either goal, but with the sound of the participants generally spread out over the entire field and the sounds of spectators spread out along the sidelines and in the bleachers. This analysis evaluated the ability to comply with the daytime 50 dB Leq and 70 dB Lmax noise level standards. Based upon the analysis, the center of the nearest proposed fields is 350-feet from the nearest existing residences to the west. Based upon the reference data, the noise levels at the nearest residences would be approximately 49 dBA Leq, and 59 dBA Lmax. The sports complex is expected to comply with the City of Roseville daytime stationary noise source criteria.



Existing Roseville Energy Park Noise Levels

The Roseville Energy Park (REP) is located immediately to the west of the F-55 residential project site. The REP is a 160-megawatt power generation facility which includes two gas-fired turbine generators and one steam turbine generator.

Based upon observations and noise measurements conducted by j.c. brennan & associates, Inc., for the Creekview Specific Plan, the existing Roseville Energy Park (REP) currently generates noise levels which are between the 45 dBA and the 50 dBA Leq noise level contours at the F-55a project site. The REP noise levels are audible at the site, however, the degree of audibility varies significantly depending on atmospheric conditions, including wind, humidity, and temperature. Additionally, the REP operates as-needed based upon demand and electrical rates. Depending on conditions the REP could operate nearly year-round or as little as 6 months out of the year.

However, based upon the City of Roseville noise ordinance which allows up to 52 dB Leq for industrial uses adjacent to residential areas, the F-55 project site would comply with the noise ordinance criteria. Appendix D shows the interpolated noise contours at the F-55 project site.

City of Roseville Waste Water Treatment Plan Noise Levels

The F-55 parcel is located approximately 1,800-feet from the center of the City of Roseville Waste Water Treatment Plant (WWTP). Noise level measurements conducted for the WWTP in 2013 indicated that the typical hourly noise level associated with the WWTP was 41 dBA Leq, at a distance of 1,700-feet from the center of the WWTP. Therefore, the project site will comply with the City of Roseville daytime and nighttime noise level criteria.

Appendix A

Acoustical Terminology

Acoustics	The science of sound.
Ambient Noise	The distinctive acoustical characteristics of a given space consisting of all noise sources audible at that location. In many cases, the term ambient is used to describe an existing or pre-project condition such as the setting in an environmental noise study.
Attenuation	The reduction of an acoustic signal.
A-Weighting	A frequency-response adjustment of a sound level meter that conditions the output signal to approximate human response.
Decibel or dB	Fundamental unit of sound, A Bell is defined as the logarithm of the ratio of the sound pressure squared over the reference pressure squared. A Decibel is one-tenth of a Bell.
CNEL	Community Noise Equivalent Level. Defined as the 24-hour average noise level with noise occurring during evening hours (7 - 10 p.m.) weighted by a factor of three and nighttime hours weighted by a factor of 10 prior to averaging.
Frequency	The measure of the rapidity of alterations of a periodic signal, expressed in cycles per second or hertz (Hz).
L_{dn}	Day/Night Average Sound Level. Similar to CNEL but with no evening weighting.
L_{eq}	Equivalent or energy-averaged sound level.
L_{max}	The highest root-mean-square (RMS) sound level measured over a given period of time.
L_(n)	The sound level exceeded a described percentile over a measurement period. For instance, an hourly L ₅₀ is the sound level exceeded 50% of the time during the one hour period.
Loudness	A subjective term for the sensation of the magnitude of sound.
Noise	Unwanted sound.
NRC	Noise Reduction Coefficient. NRC is a single-number rating of the sound-absorption of a material equal to the arithmetic mean of the sound-absorption coefficients in the 250, 500, 1000, and 2,000 Hz octave frequency bands rounded to the nearest multiple of 0.05. It is a representation of the amount of sound energy absorbed upon striking a particular surface. An NRC of 0 indicates perfect reflection; an NRC of 1 indicates perfect absorption.
Peak Noise	The level corresponding to the highest (not RMS) sound pressure measured over a given period of time. This term is often confused with the <i>Maximum</i> level, which is the highest RMS level.
RT₆₀	The time it takes reverberant sound to decay by 60 dB once the source has been removed.
Sabin	The unit of sound absorption. One square foot of material absorbing 100% of incident sound has an absorption of 1 Sabin.
SEL	Sound Exposure Level. SEL is a rating, in decibels, of a discrete event, such as an aircraft flyover or train passby, that compresses the total sound energy into a one-second event.
STC	Sound Transmission Class. STC is an integer rating of how well a building partition attenuates airborne sound. It is widely used to rate interior partitions, ceilings/floors, doors, windows and exterior wall configurations.
Threshold of Hearing	The lowest sound that can be perceived by the human auditory system, generally considered to be 0 dB for persons with perfect hearing.
Threshold of Pain	Approximately 120 dB above the threshold of hearing.
Impulsive	Sound of short duration, usually less than one second, with an abrupt onset and rapid decay.
Simple Tone	Any sound which can be judged as audible as a single pitch or set of single pitches.

Appendix B

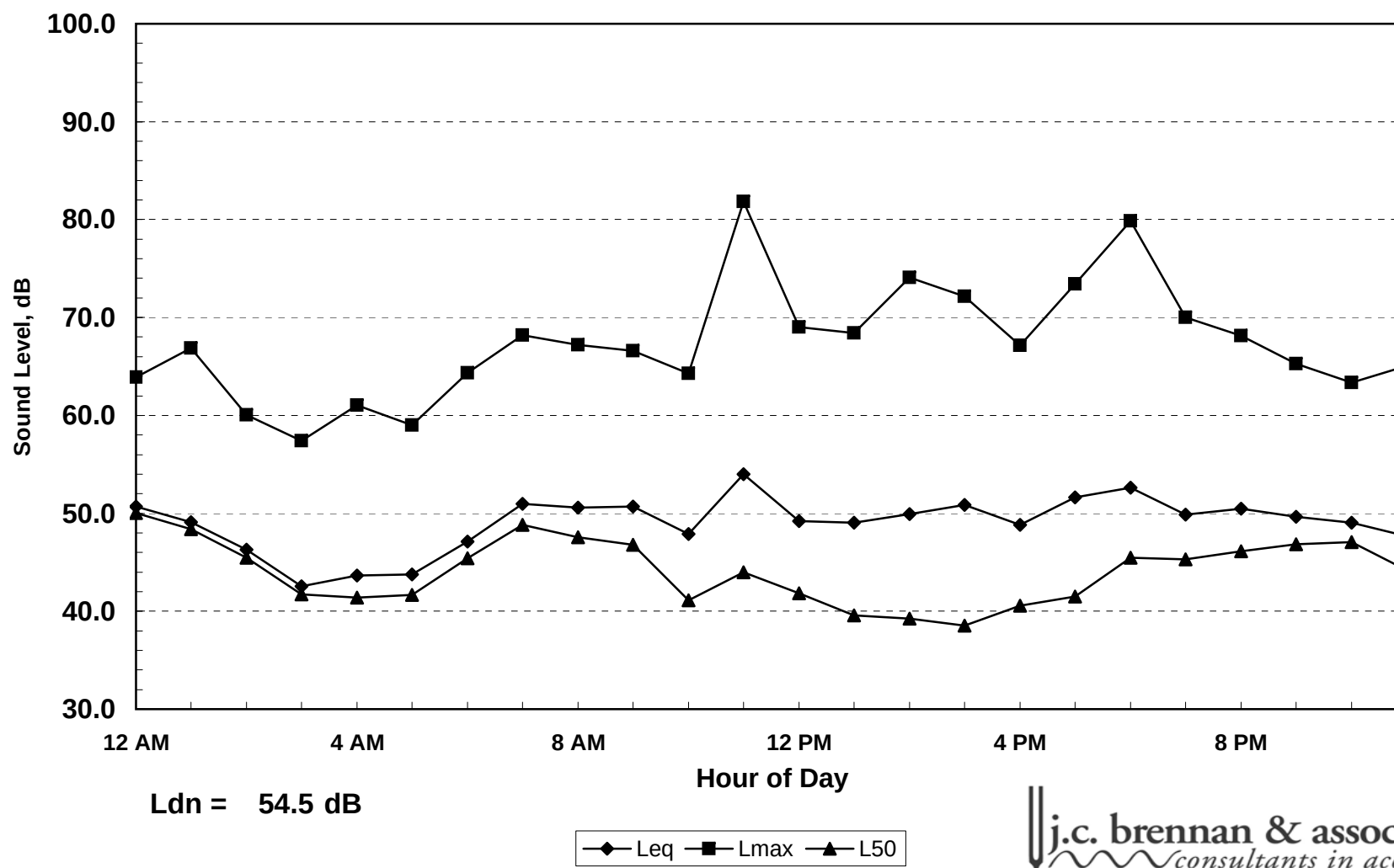
2019-153 WRSP F-55 & W-60a Rezone
24hr Continuous Noise Monitoring - Site A
Saturday, October 26, 2019

Hour	Leq	Lmax	L50	L90
0:00	50.7	63.9	50.1	48.3
1:00	49.1	66.9	48.4	43.7
2:00	46.3	60.1	45.4	43.3
3:00	42.5	57.4	41.7	38.6
4:00	43.7	61.0	41.4	39.0
5:00	43.8	59.0	41.7	39.7
6:00	47.1	64.3	45.4	41.7
7:00	51.0	68.2	48.8	46.3
8:00	50.6	67.2	47.6	45.0
9:00	50.7	66.6	46.8	39.8
10:00	47.9	64.3	41.1	36.2
11:00	54.0	81.9	44.0	36.4
12:00	49.2	69.0	41.8	36.0
13:00	49.0	68.4	39.6	33.6
14:00	49.9	74.1	39.2	33.5
15:00	50.8	72.2	38.5	32.4
16:00	48.8	67.1	40.6	35.0
17:00	51.6	73.4	41.5	37.4
18:00	52.6	79.9	45.5	42.2
19:00	49.8	70.0	45.3	41.6
20:00	50.5	68.1	46.1	42.0
21:00	49.7	65.3	46.9	43.2
22:00	49.0	63.4	47.1	41.9
23:00	47.7	65.1	44.2	40.9

	Statistical Summary					
	Daytime (7 a.m. - 10 p.m.)			Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	54.0	47.9	50.7	50.7	42.5	47.4
Lmax (Maximum)	81.9	64.3	70.4	66.9	57.4	62.3
L50 (Median)	48.8	38.5	43.6	50.1	41.4	45.0
L90 (Background)	46.3	32.4	38.7	48.3	38.6	41.9

Computed Ldn, dB	54.5
% Daytime Energy	78%
% Nighttime Energy	22%

Appendix B
2019-153 WRSP F-55 & W-60a Rezone
24hr Continuous Noise Monitoring - Site A
Saturday, October 26, 2019



Appendix B

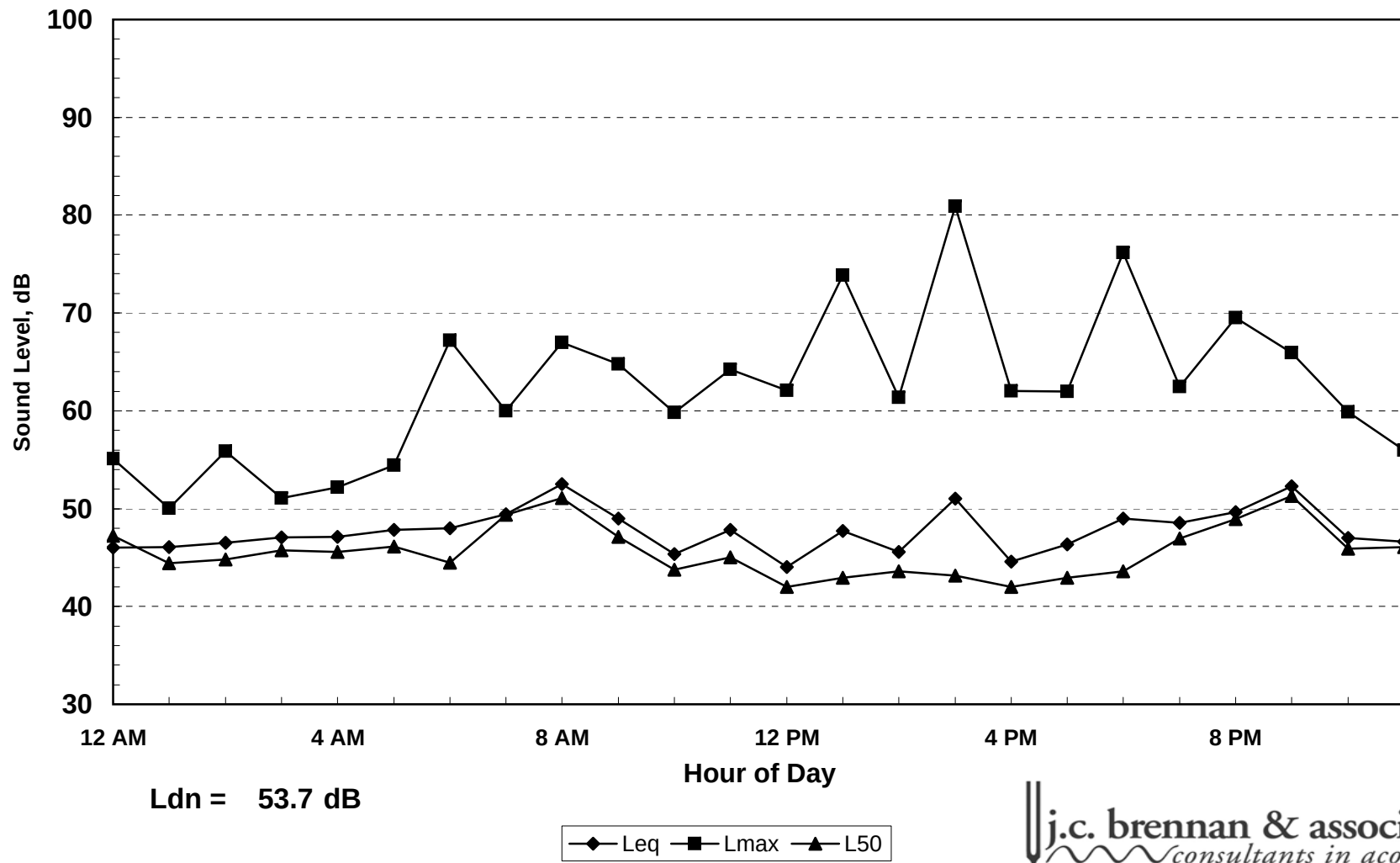
2019-153 WRSP F-55 & W-60a Rezone
 24hr Continuous Noise Monitoring - Site B
 Saturday, October 26, 2019

Hour	Leq	Lmax	L50	L90
0:00	46	55	47	35
1:00	46	50	44	40
2:00	47	56	45	40
3:00	47	51	46	43
4:00	47	52	46	43
5:00	48	54	46	43
6:00	48	67	45	42
7:00	49	60	49	44
8:00	53	67	51	47
9:00	49	65	47	44
10:00	45	60	44	41
11:00	48	64	45	42
12:00	44	62	42	39
13:00	48	74	43	40
14:00	46	61	44	40
15:00	51	81	43	40
16:00	45	62	42	40
17:00	46	62	43	41
18:00	49	76	44	41
19:00	49	62	47	42
20:00	50	70	49	44
21:00	52	66	51	48
22:00	47	60	46	41
23:00	47	56	46	44

Statistical Summary						
Daytime (7 a.m. - 10 p.m.)				Nighttime (10 p.m. - 7 a.m.)		
	High	Low	Average	High	Low	Average
Leq (Average)	52.5	44.1	48.9	48.0	46.0	47.0
Lmax (Maximum)	80.9	59.9	66.1	67.2	50.1	55.8
L50 (Median)	51.3	42.0	45.6	47.3	44.4	45.6
L90 (Background)	48.4	38.7	42.1	43.5	34.9	41.2

Computed Ldn, dB	53.7
% Daytime Energy	72%
% Nighttime Energy	28%

Appendix B
2019-153 WRSP F-55 & W-60a Rezone
24hr Continuous Noise Monitoring - Site B
Saturday, October 26, 2019



Appendix C

FHWA-RD-77-108 Highway Traffic Noise Prediction Model

Data Input Sheet

Project #: 2019-153
Description: Parcel F-55
Ldn/CNEL: Ldn
Hard/Soft: Soft

Segment	Roadway Name	Segment Description	ADT	Day %	Eve %	Night %	% Med. Trucks	% Hvy. Trucks	Speed	Distance	Offset (dB)
1	Blue Oaks	Parcel F-55	25,540	72		28	2	1	45	100	
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
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25											

Appendix C

FHWA-RD-77-108 Highway Traffic Noise Prediction Model

Predicted Levels

Project #: 2019-153
Description: Parcel F-55
Ldn/CNEL: Ldn
Hard/Soft: Soft

Segment	Roadway Name	Segment Description	Autos	Medium Trucks	Heavy Trucks	Total
1	Blue Oaks	Parcel F-55	67.3	58.7	60.2	69

Appendix C

FHWA-RD-77-108 Highway Traffic Noise Prediction Model

Noise Contour Output

Project #: 2019-153
Description: Parcel F-55
Ldn/CNEL: Ldn
Hard/Soft: Soft

Segment	Roadway Name	Segment Description	----- Distances to Traffic Noise Contours -----				
			75	70	65	60	55
1	Blue Oaks	Parcel F-55	37	80	172	372	801

Appendix C**FHWA Traffic Noise Prediction Model (FHWA-RD-77-108)****Noise Barrier Effectiveness Prediction Worksheet****Project Information:**

Job Number: 2019-153
Description Parcel F-55
Roadway Name: Blue Oaks
Location(s): 1

Noise Level Data:

Year: 2025
Auto L_{dn} , dB: 67
Medium Truck L_{dn} , dB: 59
Heavy Truck L_{dn} , dB: 60

Site Geometry:

Receiver Description: Parcel F-55
Centerline to Barrier Distance (C_1): 75
Barrier to Receiver Distance (C_2): 25
Automobile Elevation: 85
Medium Truck Elevation: 87
Heavy Truck Elevation: 93
Pad/Ground Elevation at Receiver: 90
Receiver Elevation¹: 95
Base of Barrier Elevation: 90
Starting Barrier Height 6

Barrier Effectiveness:

Top of Barrier Elevation (ft)	Barrier Height ² (ft)	----- L_{dn} , dB -----				Barrier Breaks Line of Sight to...		
		Autos	Medium Trucks	Heavy Trucks	Total	Autos?	Medium Trucks?	Heavy Trucks?
96	6	60	52	55	61	Yes	Yes	Yes
97	7	59	51	54	60	Yes	Yes	Yes
98	8	58	50	53	59	Yes	Yes	Yes
99	9	57	49	52	59	Yes	Yes	Yes
100	10	56	48	51	58	Yes	Yes	Yes
101	11	55	47	50	57	Yes	Yes	Yes
102	12	55	46	49	56	Yes	Yes	Yes
103	13	54	46	48	55	Yes	Yes	Yes
104	14	53	45	47	55	Yes	Yes	Yes

Notes: 1. Standard receiver elevation is five feet above grade/pad elevations at the receiver location(s)



TECHNICAL MEMORANDUM

Date: October 23, 2019
 To: John Tallman – Westpark Communities
 From: John Gard and Chase McFadden – Fehr & Peers
 Subject: *Transportation Impact Assessment of Proposed Rezones to WRSP Parcels 55 and 60a*

RS19-3836

This memorandum presents the assumptions, analysis methods, and results of our evaluation of the transportation-related effects of proposed changes to Parcels 55 and 60a of the West Roseville Specific Plan (WRSP).

Background

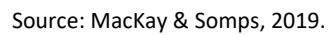
Parcel 55 consists of 29.7 acres and is currently zoned for Park & Recreation land uses. Parcel 55 (along with a small portion of adjacent Parcel 56) was studied as a regional sports complex as part of the *Final Transportation Impact Study for Placer Valley Sports Complex* (Fehr & Peers, March 3, 2016). Parcel 60a consists of 25.2 acres and is currently zoned for Light Industrial land uses.

Proposed Land Use Changes

Parcels 55 and 60a are proposed to be rezoned as follows:

- A portion (24.3 acres) of Parcel 55 would be rezoned from Park & Recreation uses to Small Lot Residential consisting of 99 single-family detached dwelling units, while another portion (0.5 acres) would be rezoned to Attached Housing consisting of a parking lot. The remaining 4.9 acres of land on Parcel 55 would continue to be zoned as Park & Recreation or rezoned to Open Space.
- The entire 25.2 acres of Parcel 60a would be rezoned from Light Industrial/Special Area to Park & Recreation, which would accommodate the regional sports complex (with the number of sports fields reduced from ten to eight due to the smaller size of Parcel 60a versus 55).

The proposed land use zoning is illustrated on **Figure 1**.



Trip Generation Comparison

We compared the project's trip generation, using rates from the City of Roseville 2035 CIP travel demand model as well as using rates estimated (for weekday soccer practices held on all fields from 4 to 10 PM) from the *Final Transportation Impact Study for Placer Valley Sports Complex*. **Table 1** shows the results of these calculations and indicates that the proposed rezoning would result in fewer trips being generated during the weekday AM and PM peak hours, and also on a daily basis.

Table 1 Trip Generation Comparison – Existing Zoning vs. Proposed Rezoning								
Land Use	Parcel	Amount	Trip Rate ¹			Trips		
			AM Peak Hour	PM Peak Hour	Daily	AM Peak Hour	PM Peak Hour	Daily
Existing Zoning								
Park & Recreation (Regional Sports Complex)	55	29.7 acres (10 fields)	Not Applicable ¹			0	900	3,520
Light Industrial	60a	25.2 acres (329 ksf)	1.00 per ksf	0.78 per ksf	7.6 per ksf	329	257	2,500
Total						329	1,157	6,020
Proposed Rezoning								
Single-Family Residential	55	24.3 acres (99 DU's)	0.71 Per DU	0.78 Per DU	9.0 Per DU	70	77	891
Park & Recreation (traditional uses)	55	4 acres ²	0 Per Acre	0.17 Per Acre	2.2 Per Acre	0	1	8
Park & Recreation (Regional Sports Complex)	60a	25.2 acres (8 fields)	Not Applicable ¹			0	720	2,816
Total						70	798	3,715
Difference						-259	-359	-2,305
Notes: 1. Refer to Appendix A for methods used to estimate weekday travel for Regional Sports Complex. 2. An additional 0.9 acres would be designated for open space and an additional 0.5 acres would be designated for attached housing for a parking lot, which generate minimal trips. ksf = thousand square feet. DU's = dwelling units. Source: Fehr & Peers, 2019.								

Vehicle Miles of Travel Comparison

The proposed land use changes were input into the City of Roseville 2035 travel demand model. Vehicle miles traveled (VMT) was calculated for both the Existing Zoning and the Proposed Zoning scenario, using the 'boundary method' for the City of Roseville. This method estimates the VMT for all roadways within the City.

According to model output, the scenario comprising the Proposed Zoning was calculated to have a total VMT of 5,379,419. In contrast, the Existing Zoning scenario was calculated to have a total VMT of 5,377,176. Therefore, the rezoning of Parcel 55 and 60a would result in a net reduction of 2,243 VMT. Model output for this calculation is included in Appendix A.

The VMT reduction is likely attributed to the reduction in size of the Placer County Sports Complex as well as the elimination of the 329,000 square feet of light industrial space. These factors more than outweigh the added VMT associated with the 99 single-family dwelling units.

Evaluation of Parcel 55 Site Access

The project site plan was reviewed with respect to the following:

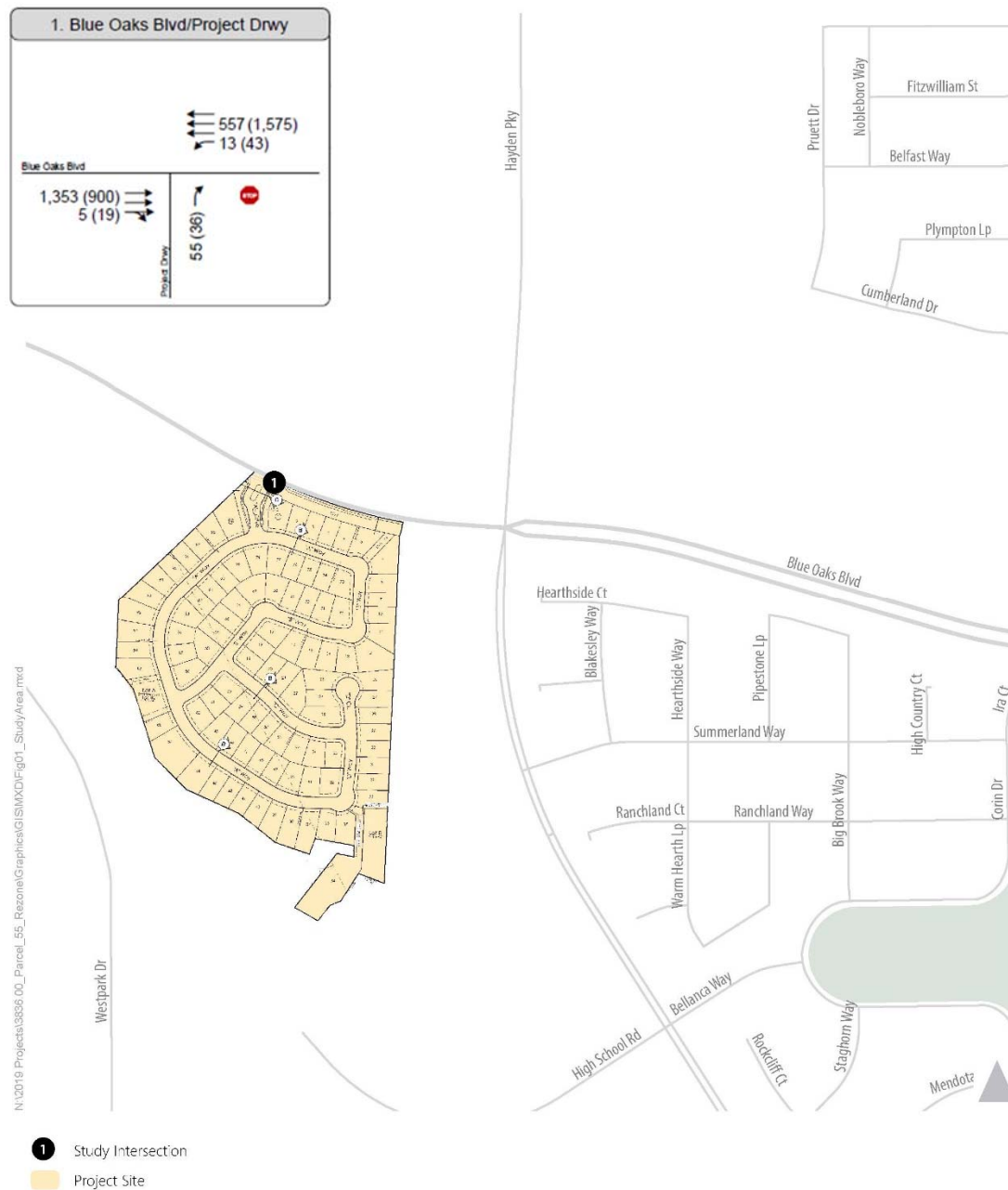
- Consistency of project driveway design (widths, throat depths, permitted turning movements, location, etc.) relative to City standards
- Ingress and egress lane storage requirements
- Need for right-turn deceleration lanes/tapers

The City of Roseville 2035 CIP travel demand model was used to estimate cumulative AM and PM peak hour traffic volumes at the Parcel 55 access intersection, known as 'Blue Oaks Boulevard/Drive A'. The proposed project associated with the rezone of Parcel 55 was added to the travel demand model and select zone assignments were run to identify the expected distribution of new vehicle trips.¹ The resulting volumes are shown in **Figure 2**.

Project access was analyzed under 2035 conditions with the assumption that Blue Oaks Boulevard extends westerly to Santucci Boulevard as a six-lane arterial.

¹ The model estimates that 70% of trips be distributed to/from the east and 30% would be distributed to/from the west.

Figure 2: 2035 Peak Hour Traffic Volumes



Source: Fehr & Peers, 2019.

Project Driveway Design Relative to City Standards

The following standards contained in the *City of Roseville Design and Construction Standards* (2019) are applicable to the project site plan review:

1. There shall be no driveways along collector or arterial streets serving single family residential or duplex land uses.
2. Driveways shall be at least 200 feet apart on collector streets and at least 250 feet apart on arterial streets.
3. For single family residential or duplex land uses, only one driveway per parcel will be permitted, except where circular drives are proposed and approved by the City Engineer.
4. A right turn deceleration lane shall be provided for a driveway if all of the following conditions when: the driveway is located on an arterial, the right-turn ingress volume is expected to exceed 50 vehicles per hour, there is ample room to fit a deceleration lane, and the travel speed of the roadway equals or exceeds 45 mph. There may be cases where some of the criteria are met, but City staff may still require a deceleration lane in the interest of safety.
5. On arterials and expressways and where left turns in will be permitted, a left turn deceleration lane shall be provided with a minimum pocket length of 200 feet plus a 120-foot entry taper.
6. On six-lane arterials, outbound left-turns from driveways shall be prohibited, and driveways within 400 feet of an intersection containing left-turn pockets shall be right turn-in/out only.

The proposed design of Parcel 55 (as documented in the *Parcel F-55 Tentative Subdivision Map*, MacKay & Soms, August 12, 2019) would comply with standards 1, 2, 3, and 6. The following evaluates whether standards 4 and 5 are met. Additionally, the adequacy of the project's driveway throat depth is also reviewed.

Need for Turn Deceleration Lanes/Tapers

Since the right turn ingress volumes into the project driveway are not expected to exceed 50 vehicles during the AM or PM peak hours, a right turn deceleration lane is not warranted. However, the right-turn volume of 19 PM peak hour vehicles would warrant a right-turn deceleration taper according to the City's Standard Drawings. The *Parcel F-55 Tentative Subdivision Map* shows this improvement.

Left-Turn Lane Vehicle Storage Requirements

Table 2 displays the proposed storage length and maximum estimated vehicle queue for the left-turn ingress pocket proposed to serve Parcel 55. As shown, the proposed storage length for the left-in movement is adequate based on anticipated demand. Refer to Appendix A for technical calculations.

TABLE 2: MAXIMUM VEHICLE QUEUE FOR WESTBOUND LEFT-TURN INGRESS LANE ON BLUE OAKS BOULEVARD			
Intersection	Movement	Proposed Storage Length ¹	Maximum Vehicle Queue - Weekday PM Peak Hour ²
Street A	Westbound Left-In From Blue Oaks Boulevard	250 feet (10 vehicles)	100 feet (4 vehicles)
Notes: ¹ 1 vehicle length is equivalent to 25 feet. ² Calculated based on equations from <i>Estimation of Maximum Queue Lengths at Unsignalized Intersections</i> (ITE Journal, 2000). Source: Fehr & Peers, 2019.			

Driveway Throat Depth

Driveway throat depth was evaluated to assess whether there is adequate on-site storage for vehicles waiting to exit the project. **Table 3** displays the available throat depth according to the project site plan and the maximum expected vehicle queue at Street "A" during weekday AM peak hour conditions based on cumulative levels of traffic. Refer to Appendix A for technical calculations.

TABLE 3: MAXIMUM VEHICLE QUEUE EXITING PARCEL 55			
Intersection	Movement	Proposed Throat Length ¹	Maximum Vehicle Queue - Weekday AM Peak Hour ²
Street A	Outbound Right	150 feet (6 vehicles)	75 feet (3 vehicles)
Notes: ¹ 1 vehicle length is equivalent to 25 feet. ² Calculated based on equations from <i>Estimation of Maximum Queue Lengths at Unsignalized Intersections</i> (ITE Journal, 2000). Source: Fehr & Peers, 2019.			

Thus, it is concluded that all applicable standards from the *City of Roseville Design and Construction Standards* (2019) are met based on the project site plan review.

Parcel 60 Conceptual Access Review

The *Final Transportation Impact Study for Placer Valley Sports Complex* (Fehr & Peers, March 3, 2016) contained a detailed review of access to the sports complex. Because a detailed site plan has not been developed for a similar project on Parcel 60a, an equivalent level of review was not possible. However, a conceptual site plan was developed in September 2018 by MacKay & Somps and is evaluated here. The purpose of this evaluation is to identify any fatal flaws in terms of circulation, and to develop recommendations that should be considered when more detailed planning for the site occurs.

The concept site plan shows the following vehicular accesses on Westbrook Boulevard:

- Full access driveway located directly across from Brookstone Drive.
- Right-turn only driveway (given presence of raised median on Westbrook Boulevard) located 430 feet south of the northerly driveway (measured from centerline).

Each driveway would provide approximately 200 feet of throat depth, which is desirable to accommodate surges of outbound traffic, as well as potential on-site slowing caused by motorists dropping off or picking up athletes in front of the fields.

Based on our review of the concept site plan, the following recommendations are offered:

1. The City's Circulation Element shows the Westbrook Boulevard/Brookstone Drive intersection as a planned signalized intersection. Detailed technical studies will be necessary to determine when the signal is needed and what lane configurations, signal phasing, etc. are necessary.
2. During weekend soccer tournaments, the potential exists for overflow parking to occur in the neighborhood immediately west of Parcel 60. Consideration should be given to special time-of-day residential permit parking should overflow parking become problematic. Additionally, it may be necessary to construct certain physical improvements and/or post signs to discourage unlawful mid-block pedestrian crossings across Westbrook Boulevard.
3. A detailed evaluation of on-site circulation should be performed needed once a detailed site plan is developed. This includes review of the adequacy of pick-up/drop-off zones, site circulation to accommodate peak surges in attendees, and convenient/safe on-site pedestrian connections.

Appendix A: Technical Calculations



Step 1. Estimate daily trip gen of 10 soccer fields, which were proposed on Parcel 55.

Basic Assumptions

1. 14 players and 2 coaches per team
3. AVO for players is 1.2
2. Two-thirds of parents drop-off and then return to pick-up.

4. 10 soccer fields
5. two teams occupy each field
6. practices last 1.5 hours -> 4 timeslots:

Trips	
Players	Coaches
14 Persons	2 Persons
0.833333 Vehicles/Person	1 Vehicles/Person
1.67 Trips/Person	1 Trip/Person
20.00	2.00
10 Teams	10 Teams
2 Teams / Field	2 Teams / Field

	INBOUND	OUTBOUND	TOTAL
4:00:00 PM - 5:30 PM	440	440	880
5:30:00 PM - 7:00 PM	440	440	880
7:00:00 PM - 8:30 PM	440	440	880
8:30:00 PM - 10: 00 PM	440	440	880
			3520

Applications

1. Take the daily trip gen of 10 soccer fields and make appropriate LU inputs into the model (half retail and half office trips) such that the model's net increase in daily trips matches the above estimate
2. Perform the land use rezone: this equates to removing the sports park related land uses in zone 1110 and adding 99 SF du's to 1110. This also requires removing 329.3 KSF industrial from 1114 and adding 80% of the retail/office that represented the 10-field soccer complex

2035 Roseville Existing Zoning VMT

A	B	SPEED	DISTANCE	SPDCLASS	CAPCLASS	LANES	AREA	REGION	V_1	TIME_1	VC_1	CSPD_1	VMT
7	8	25	0.22596	2	10	1.00	1	3	3	0.54230	0.00005	24.99976	0.67788
7	8670	25	0.15682	2	10	1.00	1	3	721	0.37730	0.01226	24.93883	113.06722
7	8688	25	0.09988	2	10	1.00	1	3	510	0.24013	0.00868	24.95667	50.9388
8	7	25	0.22596	2	10	1.00	1	3	3	0.54230	0.00005	24.99976	0.67788
8	8666	25	0.12820	2	10	1.00	1	3	699	0.30841	0.01188	24.94072	89.6118
8	8692	25	0.14814	2	10	1.00	1	3	136	0.35571	0.00231	24.98845	20.14704
9	8654	25	0.12051	2	10	1.00	1	3	529	0.28975	0.00899	24.95513	63.74979
9	8692	25	0.15551	2	10	1.00	1	3	129	0.37338	0.00219	24.98906	20.06079
10	8686	25	0.12673	2	10	1.00	1	3	1258	0.30545	0.02140	24.89348	159.42634
11	8716	25	0.03278	2	10	1.00	1	3	2925	0.07947	0.04975	24.75370	95.8815
12	9026	25	0.06117	2	10	1.00	1	3	533	0.14708	0.00906	24.95476	32.60361
12	9028	25	0.16874	2	10	1.00	1	3	581	0.40577	0.00988	24.95072	98.03794
13	9034	25	0.10232	2	10	1.00	5	3	1196	0.24658	0.02034	24.89870	122.37472
14	8864	25	0.13678	2	10	1.00	1	3	697	0.32904	0.01185	24.94087	95.33566
15	8720	25	0.17001	2	10	1.00	1	3	1483	0.41008	0.02522	24.87453	252.12483
16	8878	25	0.13364	2	10	1.00	1	3	1810	0.32271	0.03078	24.84705	241.8884
17	8864	25	0.38585	2	10	1.00	1	3	820	0.92862	0.01395	24.93043	316.397
18	8726	25	0.07083	2	10	1.00	1	3	1044	0.17060	0.01776	24.91152	73.94652
19	8728	25	0.26141	2	10	1.00	1	3	97	0.62758	0.00164	24.99178	25.35677
19	8866	25	0.15154	2	10	1.00	1	3	351	0.36414	0.00596	24.97021	53.19054
19	8872	25	0.28092	2	10	1.00	1	3	629	0.67565	0.01070	24.94663	176.69868
20	8830	25	0.16477	2	10	1.00	1	3	2242	0.39846	0.03814	24.81076	369.41434
20	8874	25	0.25626	2	10	1.00	1	3	387	0.61583	0.00658	24.96715	99.17262
21	8732	25	0.12414	2	10	1.00	1	3	778	0.29873	0.01324	24.93398	96.58092
22	8734	25	0.07920	2	10	1.00	1	3	612	0.19047	0.01041	24.94803	48.4704
23	8736	25	0.15839	2	10	1.00	1	3	950	0.38136	0.01615	24.91951	150.4705
24	8822	25	0.09345	2	10	1.00	1	3	967	0.22502	0.01645	24.91805	90.36615
25	8826	25	0.13801	2	10	1.00	1	3	1749	0.33321	0.02975	24.85214	241.37949
26	8774	25	0.10324	2	10	1.00	1	3	333	0.24805	0.00566	24.97176	34.37892
26	8778	25	0.12255	2	10	1.00	1	3	371	0.29450	0.00631	24.96849	45.46605
27	8816	25	0.04277	2	10	1.00	1	3	2794	0.10363	0.04752	24.76463	119.49938
27	8820	25	0.13537	2	10	1.00	1	3	1097	0.32609	0.01866	24.90704	148.50089
28	8810	25	0.05791	2	10	1.00	1	3	5144	0.14141	0.08748	24.57010	297.88904
29	8860	25	0.04015	2	10	1.00	1	3	5200	0.09807	0.08844	24.56548	208.78
30	8856	25	0.03719	2	10	1.00	1	3	1671	0.08977	0.02841	24.85875	62.14449
31	5938	25	0.36472	2	10	1.00	1	3	932	0.87811	0.01584	24.92104	339.91904
31	8802	25	0.18056	2	10	1.00	1	3	1840	0.43605	0.03128	24.84455	332.2304
31	8806	25	0.14591	2	10	1.00	1	3	99	0.35031	0.00168	24.99158	14.44509
32	8806	25	0.04623	2	10	1.00	1	3	4881	0.11280	0.08302	24.59169	225.64863
33	5916	25	0.11588	2	10	1.00	1	3	934	0.27899	0.01588	24.92086	108.23192
33	5922	25	0.20392	2	10	1.00	1	3	448	0.49014	0.00762	24.96194	91.35616
33	8806	25	0.17174	2	10	1.00	1	3	88	0.41230	0.00149	24.99255	15.11312
34	5920	25	0.05170	2	10	1.00	1	3	1674	0.12480	0.02847	24.85845	86.5458
35	5912	25	0.08977	2	10	1.00	1	3	1561	0.21660	0.02655	24.86794	140.13097
36	37	25	0.32001	2	10	1.00	1	3	15	0.76806	0.00026	24.99870	4.80015
36	8670	25	0.11679	2	10	1.00	1	3	730	0.28099	0.01242	24.93805	85.2567
36	9020	25	0.11438	2	10	1.00	1	3	1117	0.27557	0.01900	24.90534	127.76246
37	36	25	0.32001	2	10	1.00	1	3	15	0.76806	0.00026	24.99870	4.80015
37	38	25	0.22674	2	10	1.00	1	3	11	0.54420	0.00019	24.99904	2.49414
37	8668	25	0.21623	2	10	1.00	1	3	213	0.51933	0.00362	24.98191	46.05699
37	8672	25	0.20473	2	10	1.00	1	3	869	0.49281	0.01478	24.92630	177.91037
37	9018	25	0.22017	2	10	1.00	1	3	776	0.52980	0.01320	24.93417	170.85192
38	37	25	0.22674	2	10	1.00	1	3	11	0.54420	0.00019	24.99904	2.49414
38	8674	25	0.13166	2	10	1.00	1	3	474	0.31650	0.00807	24.95973	62.40684
38	9016	25	0.15316	2	10	1.00	1	3	959	0.36878	0.01631	24.91869	146.88044
39	41	25	0.26100	2	10	1.00	1	3	10	0.62641	0.00017	24.99915	2.61

39	42	25	0.16216	2	10	1.00	1	3	9	0.38921	0.00016	24.99920	1.45944
39	8672	25	0.19352	2	10	1.00	1	3	447	0.46514	0.00760	24.96207	86.50344
39	9566	25	0.15060	2	10	1.00	1	3	387	0.36192	0.00659	24.96711	58.2822
40	9565	25	0.05041	2	10	1.00	1	3	1477	0.12160	0.02512	24.87502	74.45557
41	39	25	0.26100	2	10	1.00	1	3	10	0.62641	0.00017	24.99915	2.61
41	42	25	0.25564	2	10	1.00	1	3	22	0.61357	0.00037	24.99813	5.62408
41	9565	25	0.21482	2	10	1.00	1	3	1605	0.51838	0.02729	24.86428	344.7861
41	9569	25	0.41313	2	10	1.00	1	3	377	0.99278	0.00641	24.96801	155.75001
42	39	25	0.16216	2	10	1.00	1	3	9	0.38921	0.00016	24.99920	1.45944
42	41	25	0.25564	2	10	1.00	1	3	22	0.61357	0.00037	24.99813	5.62408
42	9565	25	0.41543	2	10	1.00	1	3	486	0.99869	0.00827	24.95874	201.89898
42	9566	25	0.31135	2	10	1.00	1	3	277	0.74794	0.00470	24.97650	86.24395
42	9569	25	0.15871	2	10	1.00	1	3	957	0.38215	0.01627	24.91891	151.88547
43	5900	25	0.17402	2	10	1.00	1	3	2707	0.42149	0.04604	24.77190	471.07214
43	9012	25	0.22983	2	10	1.00	1	3	2967	0.55715	0.05046	24.75023	681.90561
44	8708	25	0.08224	2	10	1.00	1	3	1767	0.19856	0.03005	24.85064	145.31808
44	9060	25	0.09049	2	10	1.00	1	3	915	0.21785	0.01555	24.92247	82.79835
45	8714	25	0.12244	2	10	1.00	1	0	140	0.29399	0.00238	24.98809	17.1416
45	9058	25	0.15242	2	10	1.00	1	3	646	0.36660	0.01099	24.94516	98.46332
46	9008	25	0.13625	2	10	1.00	1	3	453	0.32751	0.00770	24.96154	61.72125
46	9056	25	0.20231	2	10	1.00	1	3	355	0.48614	0.00604	24.96982	71.82005
47	9008	25	0.12669	2	10	1.00	1	3	1505	0.30562	0.02560	24.87266	190.66845
48	5898	25	0.11382	2	10	1.00	1	3	630	0.27375	0.01072	24.94654	71.7066
49	5892	25	0.10350	2	10	1.00	1	3	5573	0.25310	0.09478	24.53491	576.8055
50	5898	25	0.70760	2	10	1.00	1	3	391	1.70050	0.00665	24.96677	276.6716
52	25088	25	0.40681	1	10	1.00	100	0	85	0.97664	0.00145	24.99275	34.57885
54	8702	25	0.12516	1	10	1.00	100	0	1540	0.30195	0.02619	24.86975	192.7464
54	8714	25	0.13617	1	10	1.00	100	0	607	0.32748	0.01033	24.94847	82.65519
55	8784	25	0.06984	2	10	1.00	1	3	2105	0.16881	0.03581	24.82224	147.0132
55	8786	25	0.13143	2	10	1.00	1	3	2249	0.31785	0.03825	24.81021	295.58607
56	8786	25	0.07371	2	10	1.00	1	3	2354	0.17831	0.04003	24.80145	173.51334
56	8846	25	0.07389	2	10	1.00	1	3	843	0.17784	0.01433	24.92854	62.28927
57	8850	25	0.19165	2	10	1.00	1	3	440	0.46066	0.00748	24.96264	84.326
57	8862	25	0.16739	2	10	1.00	1	3	785	0.40280	0.01335	24.93340	131.40115
58	8850	25	0.08978	2	10	1.00	1	3	559	0.21589	0.00951	24.95255	50.18702
59	9553	25	0.10502	2	10	1.00	1	3	798	0.25273	0.01358	24.93229	83.80596
59	9554	25	0.11201	2	10	1.00	1	3	602	0.26938	0.01023	24.94895	67.43002
60	8788	25	0.09089	2	10	1.00	1	3	1295	0.21909	0.02202	24.89037	117.70255
61	8794	25	0.06859	2	10	1.00	1	3	463	0.16487	0.00787	24.96073	31.75717
62	5944	25	0.18024	2	10	1.00	1	3	28	0.43261	0.00047	24.99766	5.04672
62	8790	25	0.16846	2	10	1.00	1	3	574	0.40509	0.00976	24.95131	96.69604
63	5944	25	0.15474	2	10	1.00	1	3	55	0.37144	0.00093	24.99535	8.5107
63	8796	25	0.18196	2	10	1.00	1	3	651	0.43767	0.01106	24.94480	118.45596
64	5942	25	0.14427	2	10	1.00	1	3	1410	0.34790	0.02398	24.88066	203.4207
65	5940	25	0.07850	2	10	1.00	1	3	1592	0.18942	0.02707	24.86539	124.972
66	5870	25	0.09433	2	10	1.00	1	3	1672	0.22767	0.02844	24.85860	157.71976
67	5918	25	0.18380	2	10	1.00	1	3	3965	0.44707	0.06744	24.66730	728.767
68	5870	25	0.11633	2	10	1.00	1	3	4053	0.28304	0.06894	24.66001	471.48549
68	30004	25	0.06963	2	10	1.00	1	3	1711	0.16809	0.02909	24.85538	119.13693
69	5874	25	0.06897	2	10	1.00	1	3	1272	0.16623	0.02162	24.89234	87.72984
70	5930	25	0.04643	2	10	1.00	1	3	1412	0.11197	0.02401	24.88051	65.55916
71	5874	25	0.14941	2	10	1.00	1	3	646	0.35937	0.01099	24.94518	96.51886
71	5924	25	0.37453	2	10	1.00	1	3	78	0.89910	0.00132	24.99338	29.21334
72	5926	25	0.06375	2	10	1.00	1	3	1505	0.15378	0.02559	24.87271	95.94375
73	5905	25	0.20040	2	10	1.00	1	0	341	0.48151	0.00580	24.97105	68.3364
73	5924	25	0.14287	2	10	1.00	1	3	293	0.34322	0.00499	24.97507	41.86091
74	5878	25	0.15241	2	10	1.00	1	3	200	0.36603	0.00340	24.98300	30.482
74	5908	25	0.08815	2	10	1.00	1	3	254	0.21175	0.00432	24.97844	22.3901

75	5906	25	0.30788	2	10	1.00	1	3	2134	0.74428	0.03630	24.81983	657.01592
76	5884	25	0.07889	2	10	1.00	1	3	2722	0.19109	0.04630	24.77062	214.73858
77	5910	25	0.05294	2	10	1.00	1	3	1113	0.12753	0.01892	24.90574	58.92222
78	8780	25	0.04981	2	10	1.00	1	3	1673	0.12023	0.02845	24.85856	83.33213
79	8782	25	0.05113	2	10	1.00	1	3	3379	0.12413	0.05746	24.71597	172.76827
80	5826	25	0.07332	2	10	1.00	1	3	1105	0.17662	0.01879	24.90639	81.0186
81	8924	25	0.04122	2	10	1.00	1	3	1460	0.09942	0.02484	24.87642	60.1812
82	5558	25	0.04314	2	10	1.00	1	3	413	0.10368	0.00703	24.96490	17.81682
83	5844	25	0.03178	2	10	1.00	1	3	1122	0.07657	0.01908	24.90498	35.65716
84	5566	25	0.05271	2	10	1.00	1	3	2782	0.12770	0.04730	24.76569	146.63922
85	5776	25	0.21194	2	10	1.00	1	3	794	0.51003	0.01351	24.93263	168.28036
85	5852	25	0.06247	2	10	1.00	1	3	1117	0.15050	0.01900	24.90535	69.77899
86	5828	25	0.17035	2	10	1.00	1	3	329	0.40930	0.00560	24.97202	56.04515
86	8930	25	0.12044	2	10	1.00	1	3	309	0.28937	0.00526	24.97375	37.21596
87	5840	25	0.02323	2	10	1.00	1	3	1000	0.05594	0.01701	24.91524	23.23
88	5850	25	0.08666	2	10	1.00	1	3	930	0.20864	0.01581	24.92118	80.5938
89	5854	25	0.06897	2	10	1.00	1	3	777	0.16595	0.01321	24.93414	53.58969
90	5768	25	0.12064	2	10	1.00	1	3	312	0.28985	0.00530	24.97353	37.63968
90	5854	25	0.29282	2	10	1.00	1	3	55	0.70289	0.00093	24.99534	16.1051
91	5832	25	0.09067	2	10	1.00	1	3	1124	0.21845	0.01912	24.90477	101.91308
92	8934	25	0.04365	2	10	1.00	1	3	1595	0.10534	0.02713	24.86509	69.62175
93	8932	25	0.18361	2	10	1.00	1	3	3302	0.44561	0.05615	24.72238	606.28022
94	5868	25	0.27293	2	10	1.00	1	3	665	0.65651	0.01131	24.94356	181.49845
94	6002	25	0.17455	2	10	1.00	1	3	830	0.42011	0.01411	24.92964	144.8765
95	5664	25	0.11480	2	10	1.00	1	3	2628	0.27799	0.04469	24.77855	301.6944
96	5664	25	0.03983	2	10	1.00	1	3	1917	0.09621	0.03260	24.83805	76.35411
97	5764	25	0.10917	2	10	1.00	1	3	713	0.26264	0.01212	24.93955	77.83821
98	5834	25	0.20522	2	10	1.00	1	3	474	0.49333	0.00806	24.95974	97.27428
98	22228	25	0.18645	2	10	1.00	1	3	221	0.44781	0.00375	24.98126	41.20545
99	22227	25	0.10990	2	10	1.00	1	3	625	0.26432	0.01064	24.94694	68.6875
99	22228	25	0.10025	2	10	1.00	1	3	848	0.24130	0.01442	24.92812	85.012
100	5948	25	0.06040	2	10	1.00	1	3	79	0.14499	0.00134	24.99331	4.7716
101	5934	25	0.03441	2	10	1.00	1	3	793	0.08280	0.01348	24.93277	27.28713
102	5936	25	0.08732	2	10	1.00	1	3	3181	0.21184	0.05410	24.73241	277.76492
103	105	25	0.26317	2	10	1.00	1	3	2	0.63160	0.00004	24.99981	0.52634
103	5951	25	0.33413	2	10	1.00	1	3	154	0.80234	0.00261	24.98694	51.45602
103	5953	25	0.11922	2	10	1.00	1	3	785	0.28689	0.01335	24.93343	93.5877
104	5864	25	0.09175	2	10	1.00	1	3	965	0.22093	0.01641	24.91823	88.53875
105	103	25	0.26317	2	10	1.00	1	3	2	0.63160	0.00004	24.99981	0.52634
105	5670	25	0.23242	2	10	1.00	1	3	423	0.55860	0.00719	24.96410	98.31366
105	5951	25	0.09036	2	10	1.00	1	3	382	0.21714	0.00649	24.96760	34.51752
105	5953	25	0.30919	2	10	1.00	1	3	137	0.74239	0.00233	24.98837	42.35903
107	5934	25	0.21166	1	10	1.00	100	0	850	0.50946	0.01446	24.92790	179.911
108	5668	25	0.03900	2	10	1.00	1	3	1378	0.09404	0.02344	24.88334	53.742
108	5764	25	0.11802	2	10	1.00	1	3	278	0.28353	0.00473	24.97640	32.80956
109	110	25	0.26388	2	10	1.00	1	3	1	0.63331	0.00002	24.99988	0.26388
109	111	25	0.16129	2	10	1.00	1	3	1	0.38711	0.00003	24.99987	0.16129
109	5670	25	0.30678	2	10	1.00	1	3	237	0.73687	0.00403	24.97984	72.70686
109	5837	25	0.18827	2	10	1.00	1	3	444	0.45253	0.00756	24.96227	83.59188
110	109	25	0.26388	2	10	1.00	1	3	1	0.63331	0.00002	24.99988	0.26388
110	5671	25	0.10410	2	10	1.00	1	3	941	0.25064	0.01601	24.92023	97.9581
111	109	25	0.16129	2	10	1.00	1	3	1	0.38711	0.00003	24.99987	0.16129
111	5677	25	0.07187	2	10	1.00	1	3	807	0.17297	0.01372	24.93159	57.99909
112	22227	25	0.08149	2	10	1.00	1	3	1145	0.19635	0.01948	24.90300	93.30605
113	5683	25	0.17314	2	10	1.00	1	3	1400	0.41751	0.02381	24.88151	242.396
113	5759	25	0.13622	2	10	1.00	1	3	1226	0.32828	0.02084	24.89621	167.00572
114	5752	25	0.22128	2	10	1.00	1	3	1409	0.53362	0.02397	24.88074	311.78352
114	5822	25	0.14642	2	10	1.00	1	3	457	0.35196	0.00778	24.96116	66.91394

115	5689	25	0.11036	2	10	1.00	1	3	195	0.26505	0.00332	24.98339	21.5202
115	5823	25	0.09224	2	10	1.00	1	3	465	0.22174	0.00792	24.96048	42.8916
116	5820	25	0.07337	2	10	1.00	1	3	919	0.17664	0.01562	24.92213	67.42703
117	5748	25	0.04633	2	10	1.00	1	3	403	0.11133	0.00685	24.96580	18.67099
118	5818	25	0.03845	2	10	1.00	1	3	235	0.09236	0.00399	24.98005	9.03575
119	5808	25	0.17042	1	10	1.00	100	3	808	0.41014	0.01375	24.93144	137.69936
119	6007	25	0.11651	1	10	1.00	100	3	245	0.27986	0.00416	24.97921	28.54495
120	5744	25	0.15757	1	10	1.00	100	3	609	0.37896	0.01036	24.94831	95.96013
120	6008	25	0.11952	1	10	1.00	100	3	386	0.28722	0.00657	24.96721	46.13472
121	5744	25	0.13327	2	10	1.00	1	3	0	0.31985	0.00000	25.00000	0
125	5692	25	0.30468	1	10	1.00	100	0	325	0.73205	0.00553	24.97237	99.021
125	6007	25	0.32064	1	10	1.00	100	0	117	0.76985	0.00199	24.99004	37.51488
128	5798	25	0.22538	2	10	1.00	1	3	389	0.54163	0.00661	24.96698	87.67282
129	5794	25	0.04806	2	10	1.00	1	3	329	0.11548	0.00560	24.97202	15.81174
129	5806	25	0.05373	2	10	1.00	1	3	204	0.12905	0.00348	24.98263	10.96092
130	5790	25	0.22222	2	10	1.00	1	3	268	0.53381	0.00455	24.97726	59.55496
130	5810	25	0.13755	2	10	1.00	1	3	155	0.33029	0.00263	24.98684	21.32025
131	5768	25	0.15494	2	10	1.00	1	3	127	0.37201	0.00216	24.98920	19.67738
132	5782	25	0.08811	2	10	1.00	1	3	138	0.21156	0.00235	24.98826	12.15918
132	5800	25	0.13613	2	10	1.00	1	3	305	0.32706	0.00519	24.97408	41.51965
133	5802	25	0.10428	2	10	1.00	1	3	267	0.25050	0.00455	24.97728	27.84276
134	8918	25	0.08306	2	10	1.00	1	3	4526	0.20241	0.07698	24.62094	375.92956
135	5558	25	0.05928	2	10	1.00	1	3	1897	0.14319	0.03227	24.83969	112.45416
135	5646	25	0.09258	2	10	1.00	1	3	25	0.22221	0.00042	24.99789	2.3145
135	8920	25	0.12102	2	10	1.00	1	3	339	0.29077	0.00576	24.97124	41.02578
136	5562	25	0.06705	2	10	1.00	1	3	2116	0.16207	0.03599	24.82136	141.8778
136	5646	25	0.08977	2	10	1.00	1	3	446	0.21578	0.00759	24.96213	40.03742
137	8918	25	0.10348	2	10	1.00	1	3	3918	0.25167	0.06664	24.67119	405.43464
138	5952	25	0.06293	2	10	1.00	1	3	6	0.15104	0.00011	24.99945	0.37758
138	8916	25	0.10902	2	10	1.00	1	3	2047	0.26347	0.03481	24.82714	223.16394
138	8937	25	0.10558	2	10	1.00	1	3	1026	0.25428	0.01745	24.91307	108.32508
139	5636	25	0.08716	2	10	1.00	1	3	1404	0.21018	0.02388	24.88115	122.37264
139	5642	25	0.07317	2	10	1.00	1	3	664	0.17601	0.01130	24.94362	48.58488
140	5584	25	0.07799	2	10	1.00	1	3	3125	0.18916	0.05315	24.73705	243.71875
141	5588	25	0.07456	2	10	1.00	1	0	530	0.17926	0.00902	24.95499	39.5168
142	5594	25	0.12059	2	10	1.00	3	3	1110	0.29051	0.01887	24.90600	133.8549
144	8942	25	0.12084	2	10	1.00	1	3	2597	0.29258	0.04416	24.78111	313.82148
150	8650	25	0.06351	2	10	1.00	5	3	383	0.15263	0.00652	24.96744	24.32433
151	5960	25	0.22588	2	10	1.00	5	3	296	0.54267	0.00504	24.97485	66.86048
151	9066	25	0.08409	2	10	1.00	5	3	537	0.20219	0.00913	24.95443	45.15633
152	8676	25	0.18098	2	10	1.00	5	3	529	0.43514	0.00900	24.95506	95.73842
152	8684	25	0.11461	2	10	1.00	5	3	548	0.27558	0.00932	24.95347	62.80628
153	8680	25	0.13249	2	10	1.00	5	3	792	0.31884	0.01348	24.93280	104.93208
154	8708	25	0.11294	2	10	1.00	5	3	415	0.27144	0.00706	24.96476	46.8701
154	9064	25	0.05170	2	10	1.00	5	3	1536	0.12474	0.02612	24.87008	79.4112
155	8706	25	0.03693	2	10	1.00	5	3	58	0.08865	0.00098	24.99508	2.14194
156	8696	25	0.14023	2	10	1.00	5	3	420	0.33703	0.00714	24.96435	58.8966
156	8702	25	0.18939	2	10	1.00	5	3	618	0.45550	0.01051	24.94755	117.04302
157	8694	25	0.07804	2	10	1.00	5	3	681	0.18772	0.01157	24.94226	53.14524
157	9066	25	0.17246	2	10	1.00	5	3	271	0.41429	0.00461	24.97696	46.73666
158	8694	25	0.11984	2	10	1.00	5	3	339	0.28794	0.00577	24.97121	40.62576
159	5506	25	0.20348	2	10	1.00	5	3	532	0.48923	0.00905	24.95482	108.25136
159	8696	25	0.10894	2	10	1.00	5	3	244	0.26168	0.00415	24.97926	26.58136
159	8982	25	0.23800	2	10	1.00	5	3	114	0.57142	0.00193	24.99033	27.132
160	8980	25	0.15503	2	10	1.00	5	3	572	0.37279	0.00973	24.95145	88.67716
160	8996	25	0.15115	2	10	1.00	5	3	507	0.36338	0.00862	24.95697	76.63305
161	5502	25	0.09503	2	10	1.00	5	3	77	0.22814	0.00131	24.99348	7.31731
161	8994	25	0.08437	2	10	1.00	5	3	43	0.20253	0.00074	24.99631	3.62791

162	5500	25	0.07582	2	10	1.00	5	3	231	0.18212	0.00393	24.98034	17.51442
162	8994	25	0.18628	2	10	1.00	5	3	84	0.44720	0.00144	24.99282	15.64752
163	8976	25	0.17425	2	10	1.00	5	3	355	0.41871	0.00603	24.96987	61.85875
163	8996	25	0.16245	2	10	1.00	5	3	446	0.39047	0.00759	24.96209	72.4527
164	8968	25	0.05256	2	10	1.00	5	3	622	0.12642	0.01059	24.94718	32.69232
164	8998	25	0.09004	2	10	1.00	5	3	402	0.21638	0.00684	24.96587	36.19608
165	8970	25	0.09197	2	10	1.00	5	3	229	0.22091	0.00389	24.98056	21.06113
165	8974	25	0.17739	2	10	1.00	5	3	109	0.42588	0.00185	24.99077	19.33551
166	8970	25	0.15124	2	10	1.00	5	3	728	0.36388	0.01238	24.93827	110.10272
167	8646	25	0.14670	2	10	1.00	5	3	130	0.35223	0.00221	24.98898	19.071
167	8968	25	0.15013	2	10	1.00	5	3	333	0.36073	0.00566	24.97171	49.99329
168	8647	25	0.36069	2	10	1.00	5	3	186	0.86621	0.00316	24.98420	67.08834
168	8983	25	0.22196	2	10	1.00	5	3	1537	0.53549	0.02615	24.86995	341.15252
169	8647	25	0.16274	2	10	1.00	5	3	542	0.39130	0.00921	24.95403	88.20508
170	8682	25	0.09203	2	10	1.00	5	3	224	0.22103	0.00380	24.98101	20.61472
170	9030	25	0.17487	2	10	1.00	5	3	153	0.41991	0.00259	24.98703	26.75511
171	8682	25	0.10106	2	10	1.00	5	3	164	0.24269	0.00280	24.98602	16.57384
171	9034	25	0.08651	2	10	1.00	5	3	134	0.20771	0.00227	24.98864	11.59234
172	8680	25	0.16847	2	10	1.00	5	3	492	0.40501	0.00837	24.95822	82.88724
172	9034	25	0.17408	2	10	1.00	5	3	1440	0.41984	0.02449	24.87817	250.6752
173	9036	25	0.13011	2	10	1.00	5	3	996	0.31333	0.01695	24.91556	129.58956
174	176	25	0.27881	2	10	1.00	5	3	4	0.66916	0.00007	24.99964	1.11524
174	9567	25	0.29297	2	10	1.00	5	3	364	0.70399	0.00619	24.96910	106.64108
174	9568	25	0.21417	2	10	1.00	5	3	1045	0.51585	0.01777	24.91144	223.80765
175	5960	25	0.17793	2	10	1.00	5	3	269	0.42743	0.00458	24.97714	47.86317
175	5962	25	0.09046	2	10	1.00	5	3	1563	0.21826	0.02658	24.86781	141.38898
176	174	25	0.27881	2	10	1.00	5	3	4	0.66916	0.00007	24.99964	1.11524
176	9567	25	0.09403	2	10	1.00	5	3	1086	0.22651	0.01846	24.90802	102.11658
176	9568	25	0.49138	2	10	1.00	5	3	209	1.18015	0.00355	24.98228	102.69842
177	9076	25	0.27982	2	10	1.00	5	3	1295	0.67453	0.02203	24.89034	362.3669
178	8738	25	0.01345	2	10	1.00	5	3	1785	0.03247	0.03035	24.84915	24.00825
179	5962	25	0.09383	2	10	1.00	5	3	1239	0.22613	0.02107	24.89510	116.25537
179	8626	25	0.09488	2	10	1.00	5	3	1484	0.22886	0.02524	24.87442	140.80192
179	8638	25	0.19395	2	10	1.00	5	3	628	0.46647	0.01067	24.94675	121.8006
180	8630	25	0.12309	2	10	1.00	5	3	335	0.29575	0.00570	24.97153	41.23515
180	8634	25	0.18746	2	10	1.00	5	3	454	0.45061	0.00771	24.96149	85.10684
181	5504	25	0.13954	2	10	1.00	5	3	665	0.33566	0.01130	24.94361	92.7941
181	8990	25	0.13974	2	10	1.00	5	3	249	0.33565	0.00423	24.97886	34.79526
182	5504	25	0.33275	2	10	1.00	5	3	115	0.79892	0.00195	24.99024	38.26625
182	8620	25	0.18270	2	10	1.00	5	3	141	0.43870	0.00240	24.98803	25.7607
182	8630	25	0.14384	2	10	1.00	5	3	771	0.34611	0.01311	24.93464	110.90064
182	8988	25	0.17129	2	10	1.00	5	3	16	0.41112	0.00027	24.99866	2.74064
183	8622	25	0.15449	2	10	1.00	5	3	273	0.37113	0.00465	24.97680	42.17577
183	8628	25	0.18514	2	10	1.00	5	3	481	0.44505	0.00817	24.95920	89.05234
184	8626	25	0.16543	2	10	1.00	5	3	26	0.39707	0.00045	24.99776	4.30118
184	9074	25	0.04333	2	10	1.00	5	3	807	0.10427	0.01372	24.93157	34.96731
185	9076	25	0.22577	2	10	1.00	5	3	916	0.54353	0.01558	24.92233	206.80532
185	9092	25	0.16435	2	10	1.00	5	3	277	0.39482	0.00471	24.97645	45.52495
186	9080	25	0.06950	2	10	1.00	5	3	407	0.16703	0.00691	24.96547	28.2865
186	9090	25	0.05417	2	10	1.00	5	3	206	0.13010	0.00351	24.98248	11.15902
187	9084	25	0.05710	2	10	1.00	5	3	1732	0.13784	0.02946	24.85355	98.8972
187	9090	25	0.12686	2	10	1.00	5	3	700	0.30518	0.01191	24.94061	88.802
188	9090	25	0.15604	2	10	1.00	5	3	289	0.37486	0.00492	24.97542	45.09556
189	9086	25	0.15304	2	10	1.00	5	3	1738	0.36946	0.02956	24.85307	265.98352
189	9090	25	0.33320	2	10	1.00	5	3	259	0.80039	0.00440	24.97802	86.2988
190	8604	25	0.25043	2	10	1.00	5	3	1796	0.60471	0.03055	24.84818	449.77228
191	9092	25	0.12473	2	10	1.00	5	3	536	0.29991	0.00911	24.95453	66.85528
192	9096	25	0.10134	2	10	1.00	5	3	1446	0.24442	0.02459	24.87763	146.53764

193	8616	25	0.15870	2	10	1.00	5	3	0	0.38088	0.00000	25.00000	0
193	8628	25	0.09012	2	10	1.00	5	3	0	0.21629	0.00000	25.00000	0
194	8610	25	0.14212	2	10	1.00	5	3	267	0.34140	0.00454	24.97731	37.94604
194	8614	25	0.15634	2	10	1.00	5	3	103	0.37536	0.00174	24.99129	16.10302
195	8642	25	0.12584	2	10	1.00	5	3	1058	0.30310	0.01800	24.91033	133.13872
196	5500	25	0.20681	2	10	1.00	5	3	470	0.49715	0.00800	24.96008	97.2007
196	8990	25	0.16287	2	10	1.00	5	3	233	0.39119	0.00396	24.98020	37.94871
197	5500	25	0.20456	2	10	1.00	5	3	123	0.49114	0.00209	24.98957	25.16088
197	6005	25	0.05168	2	10	1.00	5	3	208	0.12411	0.00354	24.98231	10.74944
198	6005	25	0.27027	2	10	1.00	5	3	169	0.64902	0.00288	24.98560	45.67563
198	8614	25	0.09756	2	10	1.00	5	3	976	0.23491	0.01661	24.91724	95.21856
198	8988	25	0.24286	2	10	1.00	5	3	88	0.58303	0.00150	24.99251	21.37168
200	8600	25	0.10159	2	10	1.00	5	3	75	0.24388	0.00128	24.99362	7.61925
200	8610	25	0.29169	2	10	1.00	5	3	29	0.70012	0.00049	24.99754	8.45901
201	8600	25	0.22994	2	10	1.00	5	3	2850	0.55721	0.04846	24.76000	655.329
201	8602	25	0.34444	2	10	1.00	5	3	712	0.82865	0.01211	24.93958	245.24128
202	8606	25	0.22921	2	10	1.00	5	3	2229	0.55428	0.03791	24.81187	510.90909
203	8611	25	0.08638	2	10	1.00	6	3	0	0.20732	0.00000	25.00000	0
203	9085	25	0.09862	2	10	1.00	6	3	0	0.23668	0.00000	25.00000	0
204	6003	25	0.22121	2	10	1.00	6	3	0	0.53089	0.00000	25.00000	0
204	9099	25	0.23922	2	10	1.00	6	3	0	0.57414	0.00000	25.00000	0
205	8667	25	0.10817	2	10	1.00	7	3	571	0.26011	0.00971	24.95156	61.76507
205	8669	25	0.11747	2	10	1.00	7	3	1227	0.28310	0.02087	24.89610	144.13569
206	6003	25	0.34060	2	10	1.00	6	3	4672	0.83042	0.07945	24.60894	1591.2832
207	8629	25	0.15246	2	10	1.00	7	3	498	0.36653	0.00846	24.95776	75.92508
208	8603	25	0.16392	2	10	1.00	6	3	869	0.39457	0.01478	24.92630	142.44648
208	9071	25	0.08980	2	10	1.00	6	3	1045	0.21629	0.01778	24.91142	93.841
208	9095	25	0.34594	2	10	1.00	6	3	1566	0.83467	0.02663	24.86756	541.74204
209	9071	25	0.28720	2	10	1.00	6	3	2246	0.69455	0.03819	24.81048	645.0512
209	9075	25	0.61256	2	10	1.00	6	3	1845	1.47936	0.03138	24.84410	1130.1732
210	5516	25	0.32283	2	10	1.00	4	3	12170	0.80685	0.20697	24.00626	3928.8411
211	5650	25	0.10824	2	10	1.00	4	3	7706	0.26659	0.13106	24.36143	834.09744
212	5524	25	0.06349	2	10	1.00	4	3	272	0.15252	0.00462	24.97692	17.26928
212	5648	25	0.07625	2	10	1.00	4	3	189	0.18311	0.00322	24.98392	14.41125
213	5520	25	0.15218	2	10	1.00	4	3	240	0.36552	0.00409	24.97958	36.5232
213	5526	25	0.09035	2	10	1.00	4	3	536	0.21723	0.00911	24.95452	48.4276
214	5518	25	0.17614	2	10	1.00	4	3	553	0.42354	0.00941	24.95306	97.40542
214	5528	25	0.24093	2	10	1.00	4	3	133	0.57849	0.00227	24.98866	32.04369
214	9054	25	0.15300	2	10	1.00	4	3	905	0.36832	0.01539	24.92331	138.465
215	5532	25	0.15861	2	10	1.00	4	3	1357	0.38243	0.02308	24.88511	215.23377
216	5524	25	0.13744	2	10	1.00	4	3	1417	0.33144	0.02410	24.88006	194.75248
216	8746	25	0.09852	2	10	1.00	4	3	612	0.23693	0.01041	24.94808	60.29424
217	5534	25	0.05053	2	10	1.00	4	3	1043	0.12171	0.01774	24.91161	52.70279
218	8742	25	0.02867	2	10	1.00	4	3	983	0.06905	0.01672	24.91666	28.18261
219	8744	25	0.08025	2	10	1.00	4	3	641	0.19302	0.01090	24.94562	51.44025
220	8890	25	0.10804	2	10	1.00	4	3	957	0.26013	0.01627	24.91890	103.39428
221	5648	25	0.07684	2	10	1.00	4	3	1792	0.18555	0.03047	24.84855	137.69728
221	5958	25	0.07898	2	10	1.00	4	3	841	0.19009	0.01431	24.92866	66.42218
222	8892	25	0.12758	2	10	1.00	4	3	1995	0.30827	0.03393	24.83148	254.5221
223	8894	25	0.13701	2	10	1.00	4	3	6185	0.33574	0.10518	24.48494	847.40685
224	9803	25	0.04186	2	10	1.00	4	3	9918	0.10385	0.16868	24.18414	415.16748
225	8886	25	0.15475	2	10	1.00	4	3	1156	0.37287	0.01966	24.90210	178.891
226	8758	25	0.15314	2	10	1.00	4	3	764	0.36848	0.01299	24.93521	116.99896
227	8880	25	0.05549	2	10	1.00	4	3	876	0.13358	0.01490	24.92574	48.60924
228	5954	25	0.09156	2	10	1.00	4	3	2860	0.22189	0.04864	24.75915	261.8616
228	8762	25	0.18209	2	10	1.00	4	3	51	0.43710	0.00087	24.99565	9.28659
229	5954	25	0.18856	2	10	1.00	4	3	1295	0.45453	0.02203	24.89032	244.1852
229	8761	25	0.10892	2	10	1.00	4	3	2118	0.26329	0.03601	24.82121	230.69256

229	8831	25	0.10722	2	10	1.00	4	3	1518	0.25866	0.02581	24.87161	162.75996
230	8765	25	0.15563	2	10	1.00	4	3	0	0.37351	0.00000	25.00000	0
231	8828	25	0.30377	2	10	1.00	4	3	0	0.72904	0.00000	25.00000	0
232	8834	25	0.14436	2	10	1.00	4	3	6673	0.35432	0.11349	24.44512	963.31428
232	8898	25	0.11890	2	10	1.00	4	3	11300	0.29634	0.19218	24.07467	1343.57
233	8898	25	0.32330	2	10	1.00	4	3	2339	0.78208	0.03977	24.80271	756.1987
234	8758	25	0.22142	2	10	1.00	4	3	5221	0.54085	0.08878	24.56382	1156.03382
234	8760	25	0.19716	2	10	1.00	4	3	7982	0.48603	0.13575	24.33918	1573.73112
234	8767	25	0.18775	2	10	1.00	4	3	0	0.45060	0.00000	25.00000	0
234	8836	25	0.21270	2	10	1.00	4	3	7383	0.52330	0.12556	24.38757	1570.3641
237	3587	20	0.19558	3	10	3.00	0	3	55	0.58677	0.00031	19.99875	10.7569
237	9555	20	0.06707	3	10	3.00	0	3	4409	0.20222	0.02499	19.90052	295.71163
238	3457	20	0.06510	3	10	3.00	0	3	5724	0.19655	0.03245	19.87104	372.6324
238	3458	20	0.12401	3	10	3.00	0	3	69	0.37206	0.00039	19.99845	8.55669
239	3460	20	0.05142	3	10	3.00	0	3	2417	0.15468	0.01370	19.94534	124.28214
240	3468	20	0.08040	3	10	3.00	0	3	638	0.24137	0.00362	19.98555	51.2952
241	3467	20	0.05389	3	10	3.00	0	3	809	0.16182	0.00459	19.98166	43.59701
242	3465	20	0.10373	3	10	3.00	0	3	179	0.31125	0.00102	19.99594	18.56767
242	3467	20	0.11858	3	10	3.00	0	3	135	0.35578	0.00077	19.99693	16.0083
243	3465	20	0.13141	3	10	3.00	0	3	115	0.39429	0.00065	19.99740	15.11215
243	3595	20	0.13692	3	10	3.00	0	3	401	0.41096	0.00227	19.99091	54.90492
244	3466	20	0.17525	3	10	3.00	0	3	295	0.52591	0.00167	19.99331	51.69875
244	3595	20	0.13776	3	10	3.00	0	3	252	0.41341	0.00143	19.99429	34.71552
244	3596	20	0.21910	3	10	3.00	0	3	0	0.65729	0.00000	20.00000	0
245	3469	20	0.14929	3	10	3.00	0	3	193	0.44797	0.00109	19.99562	28.81297
245	3596	20	0.08842	3	10	3.00	0	3	492	0.26540	0.00279	19.98884	43.50264
246	3469	20	0.04369	3	10	3.00	0	3	336	0.13113	0.00191	19.99237	14.67984
247	3470	20	0.05124	3	10	3.00	0	3	521	0.15382	0.00295	19.98819	26.69604
248	3588	25	0.14634	2	10	1.00	4	3	6378	0.35884	0.10846	24.46921	933.35652
249	3456	20	0.12739	3	10	3.00	0	3	1532	0.38284	0.00868	19.96533	195.16148
249	9555	20	0.11774	3	10	3.00	0	3	1696	0.35390	0.00962	19.96161	199.68704
250	5566	25	0.07944	2	10	1.00	3	3	2113	0.19202	0.03593	24.82161	167.85672
250	5630	25	0.16269	2	10	1.00	3	3	1964	0.39306	0.03341	24.83407	319.52316
251	5638	25	0.08464	2	10	1.00	3	3	2500	0.20487	0.04252	24.78918	211.6
252	8910	25	0.18385	2	10	1.00	3	3	8071	0.45334	0.13727	24.33201	1483.85335
253	5616	25	0.07651	2	10	1.00	3	3	1622	0.18465	0.02758	24.86285	124.09922
254	6010	25	0.09637	2	10	1.00	3	3	676	0.23183	0.01150	24.94264	65.14612
254	8912	25	0.08953	2	10	1.00	3	3	1795	0.21620	0.03053	24.84829	160.70635
255	6010	25	0.13359	2	10	1.00	3	3	3050	0.32394	0.05188	24.74327	407.4495
255	8904	25	0.17492	2	10	1.00	3	3	1590	0.42209	0.02703	24.86556	278.1228
256	5572	25	0.10010	2	10	1.00	3	3	1937	0.24182	0.03294	24.83639	193.8937
256	5626	25	0.18182	2	10	1.00	3	3	4658	0.44328	0.07921	24.61012	846.91756
256	5630	25	0.14477	2	10	1.00	3	3	5538	0.35398	0.09418	24.53782	801.73626
256	5640	25	0.17233	2	10	1.00	3	3	7909	0.42471	0.13451	24.34507	1362.95797
257	5622	25	0.11802	2	10	1.00	3	3	29	0.28329	0.00049	24.99756	3.42258
257	5634	25	0.11674	2	10	1.00	3	3	1431	0.28155	0.02434	24.87891	167.05494
257	5640	25	0.08739	2	10	1.00	3	3	1713	0.21095	0.02913	24.85521	149.69907
258	13976	25	0.07499	2	10	1.00	3	3	2677	0.18162	0.04553	24.77443	200.74823
258	15250	25	0.10660	2	10	1.00	3	3	1342	0.25701	0.02282	24.88641	143.0572
258	25043	25	0.12902	2	10	1.00	3	3	14	0.30965	0.00023	24.99883	1.80628
259	5622	25	0.05814	2	10	1.00	3	3	3689	0.14128	0.06275	24.69016	214.47846
260	5576	25	0.09825	2	10	1.00	3	3	3041	0.23824	0.05172	24.74403	298.77825
260	5626	25	0.14006	2	10	1.00	3	3	3177	0.33978	0.05403	24.73274	444.97062
261	5600	25	0.11276	2	10	1.00	3	3	1815	0.27230	0.03087	24.84661	204.6594
262	5582	25	0.07184	2	10	1.00	3	3	774	0.17288	0.01316	24.93439	55.60416
262	5950	25	0.12601	2	10	1.00	3	3	1663	0.30413	0.02828	24.85938	209.55463
263	5606	25	0.15418	2	10	1.00	3	3	239	0.37034	0.00407	24.97968	36.84902
263	5628	25	0.15865	2	10	1.00	3	3	418	0.38130	0.00710	24.96454	66.3157

263	25044	25	0.16065	2	10	1.00	3	3	786	0.38660	0.01337	24.93334	126.2709
264	5602	25	0.15844	2	10	1.00	3	3	2603	0.38363	0.04427	24.78058	412.41932
267	5596	25	0.10181	2	10	1.00	3	3	494	0.24474	0.00839	24.95810	50.29414
268	5590	25	0.13082	2	10	1.00	3	0	319	0.31432	0.00542	24.97291	41.73158
268	5594	25	0.22087	2	10	1.00	3	3	380	0.53077	0.00647	24.96769	83.9306
270	5614	25	0.10485	2	10	1.00	3	3	853	0.25236	0.01451	24.92765	89.43705
270	8904	25	0.15018	2	10	1.00	3	3	726	0.36131	0.01235	24.93841	109.03068
271	8770	25	0.02758	2	10	1.00	3	3	1148	0.06644	0.01952	24.90280	31.66184
272	8938	25	0.10301	2	10	1.00	3	3	5775	0.25208	0.09822	24.51836	594.88275
273	5555	25	0.12084	2	10	1.00	3	3	12507	0.30236	0.21270	23.97989	1511.34588
275	3352	20	0.30548	3	10	3.00	0	3	261	0.91670	0.00148	19.99408	79.73028
275	3683	20	0.22959	3	10	3.00	0	0	39	0.68881	0.00022	19.99912	8.95401
281	5778	25	0.03272	2	10	1.00	2	3	3009	0.07933	0.05118	24.74670	98.45448
282	5572	25	0.12863	2	10	1.00	2	3	1511	0.31029	0.02570	24.87217	194.35993
282	5780	25	0.04021	2	10	1.00	2	3	292	0.09659	0.00497	24.97518	11.74132
283	5730	25	0.08384	2	10	1.00	2	3	980	0.20187	0.01667	24.91694	82.1632
284	5784	25	0.16193	2	10	1.00	2	3	156	0.38884	0.00266	24.98673	25.26108
285	5786	25	0.15307	2	10	1.00	2	3	496	0.36799	0.00844	24.95789	75.92272
286	5790	25	0.12132	2	10	1.00	2	3	7	0.29117	0.00012	24.99939	0.84924
287	5576	25	0.09753	2	10	1.00	2	3	68	0.23413	0.00115	24.99423	6.63204
287	5578	25	0.17027	2	10	1.00	2	3	1057	0.41012	0.01798	24.91040	179.97539
287	5728	25	0.20307	2	10	1.00	2	3	2698	0.49184	0.04588	24.77269	547.88286
288	5732	25	0.09670	2	10	1.00	2	3	876	0.23277	0.01489	24.92575	84.7092
289	9562	25	0.08071	2	10	1.00	2	3	1507	0.19469	0.02564	24.87247	121.62997
290	5716	25	0.09375	2	10	1.00	2	3	135	0.22510	0.00230	24.98852	12.65625
290	5736	25	0.07633	2	10	1.00	2	3	92	0.18324	0.00156	24.99221	7.02236
291	5734	25	0.13343	2	10	1.00	2	3	357	0.32061	0.00607	24.96969	47.63451
291	5814	25	0.11976	2	10	1.00	2	3	129	0.28755	0.00220	24.98903	15.44904
292	5736	25	0.12502	2	10	1.00	2	3	280	0.30034	0.00477	24.97618	35.0056
292	5816	25	0.03339	2	10	1.00	2	3	111	0.08017	0.00189	24.99054	3.70629
293	5816	25	0.10616	2	10	1.00	2	3	452	0.25517	0.00769	24.96163	47.98432
294	5582	25	0.11441	2	10	1.00	2	3	2439	0.27685	0.04148	24.79431	279.04599
294	9563	25	0.13929	2	10	1.00	2	3	516	0.33487	0.00878	24.95618	71.87364
295	297	25	0.24676	2	10	1.00	2	3	46	0.59232	0.00078	24.99612	11.35096
295	9563	25	0.17538	2	10	1.00	2	3	1357	0.42285	0.02307	24.88515	237.99066
295	9564	25	0.32542	2	10	1.00	2	3	485	0.78229	0.00826	24.95879	157.8287
296	5584	25	0.15092	2	10	1.00	2	3	1750	0.36437	0.02975	24.85211	264.11
296	6011	25	0.10931	2	10	1.00	2	3	12	0.26235	0.00020	24.99899	1.31172
296	9564	25	0.18762	2	10	1.00	2	3	1033	0.45188	0.01758	24.91243	193.81146
297	295	25	0.24676	2	10	1.00	2	3	46	0.59232	0.00078	24.99612	11.35096
297	9563	25	0.41996	2	10	1.00	2	3	1226	1.01211	0.02086	24.89615	514.87096
297	9564	25	0.10188	2	10	1.00	2	3	1957	0.24614	0.03328	24.83470	199.37916
298	5716	25	0.22804	2	10	1.00	2	3	654	0.54851	0.01112	24.94455	149.13816
298	5740	25	0.12022	2	10	1.00	2	3	556	0.28908	0.00945	24.95284	66.84232
299	5722	25	0.32974	2	10	1.00	2	3	166	0.79181	0.00282	24.98590	54.73684
299	5740	25	0.15714	2	10	1.00	2	3	1030	0.37847	0.01752	24.91272	161.8542
300	5722	25	0.05279	2	10	1.00	2	3	516	0.12693	0.00878	24.95616	27.23964
300	5738	25	0.24729	2	10	1.00	2	3	110	0.59371	0.00187	24.99065	27.2019
301	5722	25	0.13224	2	10	1.00	2	3	240	0.31763	0.00409	24.97957	31.7376
301	5810	25	0.13141	2	10	1.00	2	3	57	0.31545	0.00097	24.99514	7.49037
302	5726	25	0.15229	2	10	1.00	2	3	237	0.36580	0.00403	24.97986	36.09273
302	5812	25	0.15566	2	10	1.00	2	3	54	0.37366	0.00092	24.99542	8.40564
303	5726	25	0.08860	2	10	1.00	2	3	82	0.21269	0.00140	24.99302	7.2652
304	5690	25	0.08788	2	10	1.00	2	3	424	0.21121	0.00720	24.96403	37.26112
304	5726	25	0.09073	2	10	1.00	2	3	302	0.21798	0.00514	24.97432	27.40046
305	5684	25	0.06728	2	10	1.00	2	3	2514	0.16285	0.04276	24.78802	169.14192
305	5702	25	0.16686	2	10	1.00	2	0	177	0.40071	0.00302	24.98492	29.53422
306	5701	25	0.14301	2	10	1.00	2	3	522	0.34385	0.00888	24.95566	74.65122

306	5703	25	0.08804	2	10	1.00	2	3	264	0.21149	0.00449	24.97756	23.24256
307	5703	25	0.12663	2	10	1.00	2	3	367	0.30429	0.00624	24.96886	46.47321
307	5706	25	0.09852	2	10	1.00	2	3	144	0.23655	0.00246	24.98773	14.18688
308	5705	25	0.30354	2	10	1.00	2	3	575	0.72992	0.00978	24.95120	174.5355
309	5694	25	0.06432	2	10	1.00	2	3	247	0.15450	0.00420	24.97901	15.88704
310	5710	25	0.14042	2	10	1.00	2	3	413	0.33748	0.00703	24.96490	57.99346
311	5712	25	0.07167	2	10	1.00	2	0	132	0.17209	0.00225	24.98875	9.46044
312	5712	25	0.33594	2	10	1.00	2	0	908	0.80874	0.01545	24.92301	305.03352
313	8671	25	0.07796	2	10	1.00	7	3	900	0.18769	0.01531	24.92367	70.164
314	8635	25	0.14087	2	10	1.00	7	3	956	0.33919	0.01626	24.91894	134.67172
315	8673	25	0.06120	2	10	1.00	7	3	1058	0.14742	0.01799	24.91037	64.7496
315	8677	25	0.59157	2	10	1.00	7	3	7	1.41979	0.00012	24.99940	4.14099
316	8675	25	0.11957	2	10	1.00	7	3	353	0.28731	0.00600	24.97001	42.20821
317	8633	25	0.18745	2	10	1.00	7	3	596	0.45078	0.01013	24.94945	111.7202
318	8631	25	0.21085	2	10	1.00	7	3	786	0.50738	0.01337	24.93331	165.7281
319	8637	25	0.07296	2	10	1.00	7	3	1252	0.17586	0.02128	24.89403	91.34592
320	8740	25	0.12796	2	10	1.00	1	3	176	0.30730	0.00299	24.98508	22.52096
320	9040	25	0.13308	2	10	1.00	1	3	166	0.31956	0.00282	24.98590	22.09128
321	6004	25	0.15538	2	10	1.00	1	3	635	0.37372	0.01080	24.94614	98.6663
321	8740	25	0.15277	2	10	1.00	1	3	1358	0.36834	0.02310	24.88505	207.46166
321	9046	25	0.10715	2	10	1.00	1	3	2574	0.25942	0.04377	24.78303	275.8041
322	5510	25	0.26877	2	10	1.00	1	3	752	0.64670	0.01279	24.93619	202.11504
322	9052	25	0.15156	2	10	1.00	1	3	3601	0.36821	0.06123	24.69753	545.76756
323	5509	25	0.13876	2	10	1.00	1	3	3233	0.33669	0.05498	24.72811	448.61108
323	24840	25	0.13749	2	10	1.00	1	3	2422	0.33269	0.04119	24.79572	333.00078
324	27043	25	0.09062	2	10	1.00	1	3	1867	0.21888	0.03174	24.84228	169.18754
325	9561	25	0.12367	2	10	1.00	1	3	3177	0.30001	0.05403	24.73276	392.89959
326	9086	25	0.15524	2	10	1.00	1	3	5287	0.37927	0.08992	24.55835	820.75388
326	9093	25	0.26096	2	10	1.00	1	3	2342	0.63130	0.03982	24.80246	611.16832
327	9088	25	0.17376	2	10	1.00	1	3	2416	0.42045	0.04109	24.79623	419.80416
328	5660	25	0.22084	2	10	1.00	1	3	4122	0.53745	0.07011	24.65431	910.30248
329	6003	25	0.14239	2	10	1.00	6	3	1655	0.34366	0.02815	24.86006	235.65545
329	9078	25	0.15099	2	10	1.00	6	3	1902	0.36472	0.03235	24.83929	287.18298
330	8723	25	0.23545	2	10	1.00	1	3	3529	0.57186	0.06002	24.70344	830.90305
331	9075	25	0.35885	2	10	1.00	6	3	2003	0.86711	0.03407	24.83081	718.77655
331	9077	25	0.22137	2	10	1.00	6	3	66	0.53140	0.00112	24.99440	14.61042
331	9078	25	0.19434	2	10	1.00	6	3	3709	0.47231	0.06308	24.68855	720.80706
332	8723	25	0.08392	2	10	1.00	1	3	7576	0.20660	0.12884	24.37197	635.77792
333	9615	25	0.14133	2	10	1.00	0	3	668	0.33997	0.01136	24.94334	94.40844
502	8978	20	0.21281	1	10	3.00	100	0	734	0.63897	0.00416	19.98337	156.20254
616	5704	20	0.03096	1	10	3.00	100	0	2120	0.09311	0.01202	19.95204	65.6352
877	5557	20	0.06631	3	10	3.00	0	3	351	0.19900	0.00199	19.99204	23.27481
877	8769	20	0.04544	3	10	3.00	0	3	778	0.13644	0.00441	19.98237	35.35232
879	5563	20	0.10091	3	10	3.00	0	3	748	0.30300	0.00424	19.98306	75.48068
880	5563	25	0.08951	3	10	1.00	0	3	1843	0.21618	0.03134	24.84429	164.96693
880	5619	20	0.07415	3	10	3.00	0	3	559	0.22260	0.00317	19.98733	41.44985
881	5621	20	0.23051	3	10	3.00	0	3	1678	0.69285	0.00951	19.96202	386.79578
882	3348	20	0.17992	3	10	3.00	0	3	702	0.54020	0.00398	19.98410	126.30384
882	3350	20	0.14923	3	10	3.00	0	3	9	0.44769	0.00005	19.99981	1.34307
883	5615	20	0.22655	3	10	3.00	0	3	1515	0.68081	0.00859	19.96571	343.22325
884	5610	20	0.08804	3	10	3.00	0	3	603	0.26431	0.00342	19.98634	53.08812
885	5561	20	0.09611	3	10	3.00	0	3	3073	0.28934	0.01742	19.93055	295.34603
885	5619	20	0.16635	3	10	3.00	0	3	184	0.49915	0.00104	19.99582	30.6084
886	5625	20	0.05279	3	10	3.00	0	3	1430	0.15864	0.00811	19.96762	75.4897
887	5602	20	0.14331	3	10	3.00	0	3	574	0.43021	0.00325	19.98700	82.25994
888	3108	20	0.25834	3	10	3.00	0	0	1503	0.77634	0.00852	19.96597	388.28502
889	5623	20	0.05952	3	10	3.00	0	3	417	0.17865	0.00236	19.99055	24.81984
890	5605	20	0.14493	3	10	3.00	0	3	64	0.43482	0.00036	19.99854	9.27552

890	5609	20	0.14109	3	10	3.00	0	3	386	0.42346	0.00219	19.99126	54.46074
891	5605	20	0.11545	3	10	3.00	0	3	450	0.34651	0.00255	19.98979	51.9525
891	5613	20	0.25134	3	10	3.00	0	3	600	0.75454	0.00340	19.98640	150.804
892	5613	20	0.08241	3	10	3.00	0	3	437	0.24735	0.00248	19.99010	36.01317
893	5611	20	0.16524	3	10	3.00	0	3	538	0.49601	0.00305	19.98780	88.89912
894	3352	20	0.13004	3	10	3.00	0	3	346	0.39026	0.00196	19.99215	44.99384
900	3447	20	0.09160	3	10	3.00	0	3	1062	0.27513	0.00602	19.97595	97.2792
900	3449	20	0.23521	3	10	3.00	0	3	2	0.70563	0.00001	19.99995	0.47042
901	3449	20	0.13853	3	10	3.00	0	3	246	0.41570	0.00140	19.99442	34.07838
901	3450	20	0.14754	3	10	3.00	0	3	394	0.44283	0.00223	19.99107	58.13076
901	3451	20	0.16592	3	10	3.00	0	3	105	0.49782	0.00059	19.99763	17.4216
902	3451	20	0.22403	3	10	3.00	0	3	1	0.67210	0.00000	19.99998	0.22403
902	3470	20	0.08858	3	10	3.00	0	3	642	0.26592	0.00364	19.98546	56.86836
903	3445	20	0.07309	3	10	3.00	0	3	812	0.21947	0.00460	19.98161	59.34908
903	3449	20	0.09036	3	10	3.00	0	3	2	0.27107	0.00001	19.99995	0.18072
903	3450	20	0.13035	3	10	3.00	0	3	0	0.39104	0.00000	19.99999	0
904	3450	20	0.16178	3	10	3.00	0	3	9	0.48536	0.00005	19.99979	1.45602
904	3451	20	0.11557	3	10	3.00	0	3	1	0.34672	0.00000	19.99998	0.11557
904	3460	20	0.09608	3	10	3.00	0	3	412	0.28837	0.00234	19.99066	39.58496
905	3444	20	0.10449	3	10	3.00	0	3	2130	0.31423	0.01208	19.95181	222.5637
906	3447	20	0.08040	3	10	3.00	0	3	3136	0.24206	0.01778	19.92914	252.1344
907	3445	20	0.07719	3	10	3.00	0	3	4546	0.23277	0.02577	19.89746	350.90574
908	3727	25	0.13674	2	10	1.00	0	3	2015	0.33042	0.03426	24.82985	275.5311
909	3727	25	0.12580	2	10	1.00	0	3	486	0.30241	0.00827	24.95872	61.1388
910	3734	25	0.07702	2	10	1.00	0	3	11	0.18485	0.00019	24.99906	0.84722
910	3758	25	0.05580	2	10	1.00	0	3	77	0.13396	0.00130	24.99348	4.2966
911	3733	25	0.11304	2	10	1.00	0	3	101	0.27139	0.00172	24.99142	11.41704
911	3737	25	0.15259	2	10	1.00	0	3	720	0.36711	0.01225	24.93892	109.8648
912	3732	25	0.07955	2	10	1.00	0	3	1685	0.19202	0.02866	24.85751	134.04175
912	3737	25	0.11716	2	10	1.00	0	3	1562	0.28268	0.02656	24.86792	183.00392
913	3717	25	0.08917	2	10	1.00	0	3	903	0.21466	0.01536	24.92342	80.52051
913	3730	25	0.09717	2	10	1.00	0	3	237	0.23339	0.00403	24.97985	23.02929
914	3730	25	0.14047	2	10	1.00	0	3	1706	0.33908	0.02902	24.85575	239.64182
915	3751	25	0.09622	2	10	1.00	0	3	687	0.23147	0.01169	24.94170	66.10314
915	3753	25	0.12528	2	10	1.00	0	3	24	0.30069	0.00041	24.99796	3.00672
915	8611	25	0.09425	2	10	1.00	0	3	1267	0.22716	0.02154	24.89275	119.41475
916	3755	25	0.11912	2	10	1.00	0	3	352	0.28623	0.00599	24.97009	41.93024
916	8613	25	0.12405	2	10	1.00	0	3	113	0.29784	0.00193	24.99038	14.01765
917	8613	25	0.08565	2	10	1.00	0	3	782	0.20610	0.01330	24.93370	66.9783
918	3756	25	0.14810	2	10	1.00	0	3	141	0.35561	0.00240	24.98801	20.8821
918	8607	25	0.12876	2	10	1.00	0	3	751	0.30981	0.01277	24.93632	96.69876
919	3759	25	0.08274	2	10	1.00	0	3	738	0.19908	0.01256	24.93737	61.06212
920	3761	25	0.10199	2	10	1.00	0	3	1534	0.24604	0.02609	24.87024	156.45266
921	3763	25	0.10373	2	10	1.00	0	3	350	0.24925	0.00595	24.97028	36.3055
921	8608	25	0.23597	2	10	1.00	0	3	274	0.56686	0.00466	24.97672	64.65578
922	8608	25	0.13554	2	10	1.00	0	3	641	0.32601	0.01090	24.94562	86.88114
923	3739	20	0.06950	2	10	1.00	0	3	317	0.20873	0.00539	19.97845	22.0315
924	3736	20	0.14760	2	10	1.00	0	3	452	0.44347	0.00770	19.96926	66.7152
924	3739	20	0.24738	2	10	1.00	0	3	232	0.74274	0.00394	19.98426	57.39216
925	3743	20	0.29123	2	10	1.00	0	3	721	0.87583	0.01227	19.95105	209.97683
926	8669	25	0.07228	2	10	1.00	7	3	3040	0.17527	0.05170	24.74417	219.7312
927	7359	25	0.04222	2	10	1.00	0	3	405	0.10146	0.00688	24.96564	17.0991
928	8679	25	0.11750	2	10	1.00	0	3	1214	0.28317	0.02064	24.89722	142.645
929	8625	25	0.08951	2	10	1.00	0	3	615	0.21528	0.01046	24.94781	55.04865
929	8661	25	0.09928	2	10	1.00	0	3	1	0.23827	0.00001	24.99993	0.09928
930	3765	25	0.16884	2	10	1.00	0	3	1122	0.40676	0.01908	24.90498	189.43848
930	3767	25	0.09726	2	10	1.00	0	3	848	0.23411	0.01441	24.92814	82.47648
931	3769	20	0.14551	2	10	1.00	0	3	1005	0.43803	0.01709	19.93188	146.23755

932	3771	20	0.12038	2	10	1.00	0	3	488	0.36174	0.00829	19.96688	58.74544
932	8648	20	0.10354	2	10	1.00	0	3	62	0.31070	0.00106	19.99576	6.41948
933	8981	25	0.05363	2	10	1.00	0	3	0	0.12872	0.00000	25.00000	0
934	8989	25	0.06036	2	10	1.00	0	3	163	0.14494	0.00278	24.98611	9.83868
935	3769	25	0.09076	2	10	1.00	0	3	1323	0.21880	0.02251	24.88797	120.07548
936	8621	20	0.11419	2	10	1.00	0	0	747	0.34343	0.01270	19.94932	85.29993
937	9104	20	0.13919	2	10	1.00	0	3	1155	0.41921	0.01965	19.92172	160.76445
938	3736	20	0.27206	2	10	1.00	0	3	1057	0.81910	0.01798	19.92834	287.56742
938	9104	20	0.17427	2	10	1.00	0	3	537	0.52375	0.00914	19.96352	93.58299
939	9101	20	0.08703	2	10	1.00	0	3	186	0.26126	0.00316	19.98735	16.18758
939	9103	20	0.12589	2	10	1.00	0	3	114	0.37782	0.00194	19.99224	14.35146
940	3707	20	0.08705	2	10	1.00	0	3	183	0.26131	0.00311	19.98758	15.93015
940	9102	20	0.06686	2	10	1.00	0	3	144	0.20067	0.00245	19.99020	9.62784
1100	15058	20	0.10189	2	10	1.00	0	0	1424	0.30716	0.02421	19.90362	145.09136
1100	23338	20	0.12735	2	10	1.00	0	0	1405	0.38387	0.02389	19.90490	178.92675
1101	25087	20	0.13718	2	10	1.00	7	0	1443	0.41356	0.02454	19.90231	197.95074
1102	3716	20	0.23538	2	10	1.00	7	3	883	0.70826	0.01502	19.94009	207.84054
1102	9584	20	0.29424	2	10	1.00	7	3	1225	0.88639	0.02083	19.91701	360.444
1103	9364	20	0.14929	2	10	1.00	7	3	280	0.44830	0.00476	19.98096	41.8012
1103	25067	20	0.13418	2	10	1.00	7	3	1386	0.40443	0.02357	19.90617	185.97348
1103	25079	20	0.23913	2	10	1.00	7	3	7	0.71740	0.00013	19.99949	1.67391
1104	25063	20	0.10372	2	10	1.00	7	3	105	0.31126	0.00179	19.99285	10.8906
1104	25074	20	0.08253	2	10	1.00	7	3	202	0.24775	0.00343	19.98628	16.67106
1104	25081	20	0.11049	2	10	1.00	7	3	5	0.33146	0.00008	19.99968	0.55245
1105	25067	20	0.14744	2	10	1.00	7	3	6	0.44234	0.00010	19.99962	0.88464
1105	25069	20	0.16449	2	10	1.00	7	3	48	0.49356	0.00081	19.99677	7.89552
1105	25078	20	0.09665	2	10	1.00	7	3	844	0.29079	0.01435	19.94276	81.5726
1106	3708	20	0.18200	2	10	1.00	0	3	1836	0.54941	0.03123	19.87585	334.152
1106	25049	20	0.12337	2	10	1.00	0	3	1639	0.37218	0.02788	19.88910	202.20343
1107	8663	20	0.24058	2	10	1.00	7	3	2550	0.72800	0.04336	19.82804	613.479
1107	9585	20	0.26635	2	10	1.00	7	3	2916	0.80698	0.04959	19.80360	776.6766
1109	9595	20	0.41260	2	10	1.00	0	0	54	1.23801	0.00092	19.99633	22.2804
1109	25129	20	0.19365	2	10	1.00	0	0	1502	0.58391	0.02554	19.89837	290.8623
1109	25189	20	0.21562	2	10	1.00	0	0	967	0.64898	0.01645	19.93442	208.50454
1110	9365	25	0.14531	2	10	1.00	7	3	1905	0.35099	0.03240	24.83904	276.81555
1110	30008	25	0.20559	2	10	1.00	7	3	1068	0.49521	0.01817	24.90950	219.57012
1111	9578	25	0.11709	2	10	1.00	7	3	1035	0.28201	0.01760	24.91230	121.18815
1112	9357	25	0.18402	2	10	1.00	7	3	299	0.44211	0.00509	24.97459	55.02198
1112	9389	25	0.22707	2	10	1.00	7	3	946	0.54673	0.01609	24.91982	214.80822
1113	9386	20	0.18560	2	10	1.00	0	0	2604	0.56172	0.04429	19.82440	483.3024
1114	9355	20	0.16984	2	10	1.00	0	0	3872	0.51622	0.06586	19.74000	657.62048
1115	9578	25	0.19451	2	10	1.00	7	3	686	0.46792	0.01167	24.94180	133.43386
1115	30003	25	0.18983	2	10	1.00	7	3	216	0.45593	0.00367	24.98168	41.00328
1116	9356	20	0.20014	2	10	1.00	0	0	860	0.60217	0.01462	19.94168	172.1204
1117	9354	20	0.17931	2	10	1.00	0	0	1267	0.54025	0.02154	19.91420	227.18577
1118	9352	20	0.21011	2	10	1.00	0	0	1544	0.63364	0.02626	19.89549	324.40984
1118	23261	20	0.19036	2	10	1.00	0	0	713	0.57246	0.01213	19.95159	135.72668
1119	5032	25	0.33159	2	10	1.00	7	3	199	0.79636	0.00338	24.98312	65.98641
1119	9352	20	0.17364	2	10	1.00	0	0	361	0.52157	0.00613	19.97549	62.68404
1119	9593	20	0.22692	2	10	1.00	0	0	334	0.68153	0.00569	19.97728	75.79128
1120	9370	25	0.19777	2	10	1.00	7	3	1148	0.47651	0.01952	24.90276	227.03996
1121	9367	25	0.10061	2	10	1.00	7	3	773	0.24210	0.01314	24.93445	77.77153
1122	9371	25	0.12071	2	10	1.00	7	3	780	0.29048	0.01327	24.93383	94.1538
1122	9596	25	0.09566	2	10	1.00	7	3	530	0.23000	0.00902	24.95500	50.6998
1123	9342	25	0.06134	2	10	1.00	7	3	917	0.14768	0.01560	24.92227	56.24878
1124	9381	25	0.12902	2	10	1.00	7	3	910	0.31059	0.01547	24.92289	117.4082
1124	24911	25	0.11334	2	10	1.00	7	3	181	0.27218	0.00308	24.98460	20.51454
1125	9591	25	0.09899	2	10	1.00	7	3	1583	0.23886	0.02692	24.86613	156.70117

1126	9341	25	0.13878	2	10	1.00	7	3	434	0.33356	0.00737	24.96319	60.23052
1126	9574	25	0.11970	2	10	1.00	7	3	38	0.28731	0.00065	24.99674	4.5486
1126	9588	25	0.12605	2	10	1.00	7	3	135	0.30266	0.00229	24.98853	17.01675
1127	24903	25	0.07909	2	10	1.00	7	3	558	0.19018	0.00949	24.95264	44.13222
1128	9589	25	0.07764	2	10	1.00	7	3	202	0.18646	0.00344	24.98283	15.68328
1128	24900	25	0.08455	2	10	1.00	7	3	430	0.20321	0.00732	24.96345	36.3565
1129	9380	25	0.14667	2	10	1.00	7	3	86	0.35212	0.00146	24.99270	12.61362
1129	9611	25	0.08999	2	10	1.00	7	3	655	0.21646	0.01115	24.94440	58.94345
1130	9573	25	0.14082	2	10	1.00	7	3	3865	0.34241	0.06573	24.67560	544.2693
1130	9587	25	0.12221	2	10	1.00	7	3	1144	0.29443	0.01945	24.90312	139.80824
1130	9589	25	0.12471	2	10	1.00	7	3	30	0.29933	0.00051	24.99743	3.7413
1131	3616	20	0.17211	3	10	3.00	0	3	8213	0.52114	0.04656	19.81549	1413.53943
1132	5515	20	0.18811	3	10	3.00	0	3	2500	0.56592	0.01417	19.94348	470.275
1188	8796	25	0.04916	2	10	1.00	1	3	678	0.11825	0.01152	24.94251	33.33048
1189	3725	25	0.30147	2	10	1.00	0	3	1593	0.72745	0.02709	24.86530	480.24171
1198	13410	20	0.05520	2	10	1.00	0	0	349	0.16580	0.00594	19.97626	19.2648
1201	24791	20	0.25216	2	10	1.00	0	0	0	0.75648	0.00000	20.00000	0
1202	14153	20	0.16068	2	10	1.00	0	0	136	0.48226	0.00231	19.99078	21.85248
1202	23262	20	0.10976	2	10	1.00	0	0	499	0.32984	0.00849	19.96610	54.77024
1202	23275	20	0.16227	2	10	1.00	0	0	575	0.48776	0.00978	19.96096	93.30525
1203	23264	20	0.15815	2	10	1.00	0	0	518	0.47527	0.00881	19.96481	81.9217
1203	23275	20	0.10071	2	10	1.00	0	0	1298	0.30346	0.02207	19.91211	130.72158
1203	23277	20	0.14685	2	10	1.00	0	0	1579	0.44291	0.02685	19.89319	231.87615
1204	14157	20	0.16068	2	10	1.00	0	0	540	0.48292	0.00919	19.96332	86.7672
1204	23262	20	0.15754	2	10	1.00	0	0	663	0.47368	0.01128	19.95499	104.44902
1204	23278	20	0.17031	2	10	1.00	0	0	154	0.51120	0.00261	19.98956	26.22774
1205	23264	20	0.15789	2	10	1.00	0	0	696	0.47478	0.01184	19.95274	109.89144
1205	23278	20	0.08754	2	10	1.00	0	0	885	0.26341	0.01505	19.93997	77.4729
1205	23280	20	0.16148	2	10	1.00	0	0	0	0.48444	0.00000	20.00000	0
1206	23282	20	0.16627	2	10	1.00	0	0	404	0.49951	0.00687	19.97255	67.17308
1206	25052	20	0.13488	2	10	1.00	0	0	525	0.40536	0.00894	19.96432	70.812
1207	23282	20	0.13159	2	10	1.00	0	0	373	0.39526	0.00634	19.97466	49.08307
1207	23283	20	0.13306	2	10	1.00	0	0	776	0.40024	0.01320	19.94734	103.25456
1207	23284	20	0.18811	2	10	1.00	0	0	457	0.56520	0.00778	19.96894	85.96627
1208	12276	20	0.09997	2	10	1.00	0	0	150	0.30007	0.00256	19.98977	14.9955
1208	23283	20	0.09788	2	10	1.00	0	0	400	0.29403	0.00681	19.97281	39.152
1208	23319	20	0.12330	2	10	1.00	0	0	1	0.36990	0.00002	19.99992	0.1233
1209	23280	20	0.13119	2	10	1.00	0	0	908	0.39479	0.01544	19.93844	119.12052
1210	23260	20	0.12280	2	10	1.00	0	0	107	0.36854	0.00183	19.99270	13.1396
1210	23284	20	0.11797	2	10	1.00	0	0	92	0.35402	0.00157	19.99372	10.85324
1211	12276	20	0.16066	2	10	1.00	0	0	77	0.48209	0.00131	19.99475	12.37082
1211	25053	20	0.11997	2	10	1.00	0	0	447	0.36046	0.00760	19.96963	53.62659
1224	9800	25	0.07534	2	10	1.00	4	3	1533	0.18176	0.02607	24.87031	115.49622
1225	9801	25	0.05713	2	10	1.00	4	3	62	0.13713	0.00105	24.99475	3.54206
1225	9802	25	0.05991	2	10	1.00	4	3	1205	0.14438	0.02049	24.89798	72.19155
1226	9803	25	0.07131	2	10	1.00	4	3	4633	0.17384	0.07879	24.61218	330.37923
1227	9614	25	0.07340	2	10	1.00	0	3	645	0.17656	0.01096	24.94531	47.343
1228	9614	25	0.12102	2	10	1.00	0	3	466	0.29091	0.00792	24.96044	56.39532
1228	9615	25	0.18572	2	10	1.00	0	3	1326	0.44774	0.02255	24.88777	246.26472
1229	9095	25	0.08470	2	10	1.00	0	3	632	0.20371	0.01076	24.94633	53.5304
1229	9619	25	0.13098	2	10	1.00	0	3	472	0.31486	0.00802	24.95995	61.82256
1230	5650	25	0.17834	2	10	1.00	4	3	4041	0.43390	0.06872	24.66106	720.67194
1231	13976	25	0.08749	2	10	1.00	3	3	3958	0.21280	0.06731	24.66790	346.28542
1231	25041	25	0.13891	2	10	1.00	3	3	1244	0.33479	0.02115	24.89468	172.80404
1232	25041	25	0.11603	2	10	1.00	3	3	1493	0.27989	0.02539	24.87371	173.23279
1233	25043	25	0.12830	2	10	1.00	3	3	1216	0.30920	0.02068	24.89704	156.0128
1233	25044	25	0.12322	2	10	1.00	3	3	672	0.29639	0.01143	24.94299	82.80384
1294	5644	25	0.12133	2	10	1.00	1	3	189	0.29138	0.00321	24.98398	22.93137

1294	5952	25	0.07945	2	10	1.00	1	3	937	0.19128	0.01594	24.92055	74.44465
1295	8912	25	0.08418	2	10	1.00	1	3	309	0.20226	0.00525	24.97377	26.01162
1295	8937	25	0.05489	2	10	1.00	1	3	359	0.13189	0.00611	24.96949	19.70551
1296	8765	25	0.05999	2	10	1.00	4	3	525	0.14424	0.00893	24.95543	31.49475
1297	8754	25	0.09075	2	10	1.00	4	3	586	0.21824	0.00997	24.95023	53.1795
1297	8884	25	0.11460	2	10	1.00	4	3	483	0.27550	0.00822	24.95898	55.3518
1298	5679	25	0.07411	2	10	1.00	1	3	356	0.17807	0.00606	24.96972	26.38316
1299	23265	20	0.11263	2	10	1.00	0	0	152	0.33806	0.00258	19.98967	17.11976
1299	24062	20	0.09349	2	10	1.00	0	0	155	0.28063	0.00264	19.98944	14.49095
1312	9610	20	0.13291	2	10	1.00	0	0	281	0.39911	0.00479	19.98088	37.34771
1312	23265	20	0.11413	2	10	1.00	0	0	372	0.34283	0.00632	19.97475	42.45636
1313	12272	20	0.14073	2	10	1.00	0	0	378	0.42272	0.00642	19.97433	53.19594
1313	12274	20	0.09543	2	10	1.00	0	0	471	0.28676	0.00800	19.96803	44.94753
1313	24035	20	0.14076	2	10	1.00	0	0	430	0.42291	0.00731	19.97082	60.5268
1314	12270	20	0.17895	2	10	1.00	0	0	1010	0.53870	0.01717	19.93155	180.7395
1314	12272	20	0.13795	2	10	1.00	0	0	2639	0.41756	0.04489	19.82205	364.05005
1314	14123	20	0.11617	2	10	1.00	0	0	5414	0.35492	0.09207	19.63839	628.94438
1315	12292	20	0.13559	2	10	1.00	0	0	183	0.40702	0.00312	19.98754	24.81297
1315	12293	20	0.13065	2	10	1.00	0	0	187	0.39219	0.00317	19.98731	24.43155
1315	24065	20	0.13322	2	10	1.00	0	0	494	0.40034	0.00841	19.96643	65.81068
1316	12294	20	0.13380	2	10	1.00	0	0	618	0.40225	0.01051	19.95804	82.6884
1316	24065	20	0.20010	2	10	1.00	0	0	422	0.60115	0.00718	19.97134	84.4422
1317	9347	20	0.18601	2	10	1.00	0	0	825	0.55959	0.01404	19.94401	153.45825
1317	12293	20	0.16981	2	10	1.00	0	0	367	0.51006	0.00625	19.97504	62.32027
1317	12294	20	0.13025	2	10	1.00	0	0	806	0.39182	0.01371	19.94531	104.9815
1317	17260	20	0.13941	2	10	1.00	0	0	1064	0.41974	0.01810	19.92785	148.33224
1318	9347	20	0.16621	2	10	1.00	0	0	373	0.49927	0.00635	19.97463	61.99633
1318	24671	20	0.14142	2	10	1.00	0	0	739	0.42533	0.01256	19.94987	104.50938
1319	16567	20	0.11499	2	10	1.00	0	0	5043	0.35089	0.08577	19.66270	579.89457
1319	16568	20	0.19913	2	10	1.00	0	0	1723	0.60088	0.02929	19.88350	343.10099
1331	12160	20	0.12354	2	10	1.00	0	0	1124	0.37204	0.01912	19.92381	138.85896
1331	23288	20	0.12232	2	10	1.00	0	0	3855	0.37176	0.06555	19.74118	471.5436
1331	23339	20	0.11320	2	10	1.00	0	0	1512	0.34135	0.02571	19.89769	171.1584
1332	12160	20	0.11151	2	10	1.00	0	0	214	0.33477	0.00364	19.98545	23.86314
1332	23288	20	0.10464	2	10	1.00	0	0	525	0.31447	0.00893	19.96435	54.936
1333	9610	20	0.14302	2	10	1.00	0	0	479	0.42977	0.00815	19.96744	68.50658
1333	12300	20	0.18300	2	10	1.00	0	0	184	0.54935	0.00314	19.98746	33.672
1334	23333	20	0.05381	2	10	1.00	0	0	369	0.16164	0.00627	19.97496	19.85589
1340	23338	20	0.12322	2	10	1.00	0	0	777	0.37063	0.01321	19.94729	95.74194
1341	12266	20	0.14221	2	10	1.00	0	0	2434	0.43018	0.04139	19.83580	346.13914
1341	14153	20	0.13352	2	10	1.00	0	0	45	0.40063	0.00077	19.99691	6.0084
1341	23273	20	0.16734	2	10	1.00	0	0	1458	0.50450	0.02479	19.90134	243.98172
1342	23279	20	0.14911	2	10	1.00	0	0	1036	0.44890	0.01762	19.92977	154.47796
1343	14157	20	0.17215	2	10	1.00	0	0	995	0.51820	0.01692	19.93253	171.28925
1344	14157	20	0.18786	2	10	1.00	0	0	4	0.56357	0.00006	19.99976	0.75144
1344	23317	20	0.08394	2	10	1.00	0	0	393	0.25215	0.00668	19.97332	32.98842
1344	23325	20	0.08754	2	10	1.00	0	0	346	0.26293	0.00588	19.97651	30.28884
1345	23317	20	0.12663	2	10	1.00	0	0	0	0.37988	0.00000	20.00000	0
1346	12165	20	0.12453	2	10	1.00	0	0	332	0.37402	0.00564	19.97745	41.34396
1346	23324	20	0.11843	2	10	1.00	0	0	303	0.35567	0.00516	19.97938	35.88429
1347	12165	20	0.13217	2	10	1.00	0	0	536	0.39723	0.00912	19.96359	70.84312
1347	12270	20	0.14959	2	10	1.00	0	0	808	0.45000	0.01373	19.94521	120.86872
1347	12274	20	0.16704	2	10	1.00	0	0	4	0.50113	0.00008	19.99969	0.66816
1348	23319	20	0.13712	2	10	1.00	0	0	1	0.41137	0.00002	19.99992	0.13712
1348	25052	20	0.10479	2	10	1.00	0	0	682	0.31510	0.01159	19.95373	71.46678
1349	12295	20	0.13093	2	10	1.00	0	0	1465	0.39474	0.02491	19.90086	191.81245
1349	12296	20	0.16063	2	10	1.00	0	0	1909	0.48502	0.03246	19.87098	306.64267
1350	12298	20	0.07997	2	10	1.00	0	0	402	0.24025	0.00683	19.97271	32.14794

1350	12299	20	0.14589	2	10	1.00	0	0	81	0.43778	0.00137	19.99451	11.81709
1351	12300	20	0.17139	2	10	1.00	0	0	221	0.51455	0.00376	19.98497	37.87719
1351	24671	20	0.09202	2	10	1.00	0	0	357	0.27639	0.00606	19.97578	32.85114
1355	9340	20	0.15889	2	10	1.00	0	0	969	0.47823	0.01648	19.93431	153.96441
1355	24037	20	0.08326	2	10	1.00	0	0	644	0.25033	0.01095	19.95628	53.61944
1356	14125	20	0.15910	2	10	1.00	0	0	476	0.47808	0.00809	19.96769	75.7316
1356	23324	20	0.13327	2	10	1.00	0	0	22	0.39985	0.00037	19.99850	2.93194
1356	24035	20	0.12644	2	10	1.00	0	0	278	0.37969	0.00473	19.98109	35.15032
1357	12291	20	0.14336	2	10	1.00	0	0	18	0.43011	0.00031	19.99874	2.58048
1357	12292	20	0.14028	2	10	1.00	0	0	49	0.42091	0.00084	19.99665	6.87372
1357	14125	20	0.11015	2	10	1.00	0	0	526	0.33104	0.00894	19.96428	57.9389
1357	23332	20	0.14310	2	10	1.00	0	0	235	0.42964	0.00400	19.98403	33.6285
1358	9344	20	0.17979	2	10	1.00	0	0	55	0.53948	0.00094	19.99625	9.88845
1358	9345	20	0.16514	2	10	1.00	0	0	265	0.49586	0.00451	19.98196	43.7621
1358	12291	20	0.16757	2	10	1.00	0	0	107	0.50289	0.00182	19.99273	17.92999
1358	17260	20	0.12327	2	10	1.00	0	0	2166	0.37253	0.03684	19.85371	267.00282
1359	9344	20	0.09928	2	10	1.00	0	0	1313	0.29918	0.02232	19.91110	130.35464
1359	12297	20	0.11927	2	10	1.00	0	0	496	0.35841	0.00844	19.96631	59.15792
1359	24062	20	0.16082	2	10	1.00	0	0	824	0.48381	0.01402	19.94407	132.51568
1415	22798	0	0.19380	2	10	0.00	0	0	0	0.00000	0.00000	0.00000	0
1415	23096	0	0.19726	2	10	0.00	0	0	0	0.00000	0.00000	0.00000	0
1418	23099	0	0.09099	2	10	0.00	0	0	0	0.00000	0.00000	0.00000	0
1419	9519	0	0.12036	2	10	0.00	0	0	0	0.00000	0.00000	0.00000	0
1419	22799	0	0.10499	2	10	0.00	0	0	0	0.00000	0.00000	0.00000	0
1502	9387	20	0.13681	2	10	1.00	0	0	0	0.41042	0.00000	20.00000	0
1503	24791	20	0.17141	2	10	1.00	0	0	426	0.51496	0.00725	19.97105	73.02066
1504	24791	20	0.13613	2	10	1.00	0	0	520	0.40910	0.00884	19.96471	70.7876
1505	24777	20	0.14990	2	10	1.00	0	0	508	0.45049	0.00864	19.96550	76.1492
1505	24779	20	0.14282	2	10	1.00	0	0	66	0.42857	0.00113	19.99549	9.42612
1506	24779	20	0.09131	2	10	1.00	0	0	221	0.27414	0.00376	19.98496	20.17951
1507	30007	20	0.04573	2	10	1.00	0	0	270	0.13731	0.00459	19.98165	12.3471
1508	24777	20	0.09754	2	10	1.00	0	0	157	0.29276	0.00267	19.98934	15.31378
1508	24779	20	0.08535	2	10	1.00	0	0	22	0.25606	0.00037	19.99853	1.8777
1509	24777	20	0.08185	2	10	1.00	0	0	158	0.24569	0.00270	19.98922	12.9323
1510	24777	20	0.07222	2	10	1.00	0	0	214	0.21681	0.00364	19.98543	15.45508
1510	30007	20	0.12566	2	10	1.00	0	0	47	0.37705	0.00080	19.99680	5.90602
1511	24795	20	0.09320	2	10	1.00	0	0	230	0.27983	0.00392	19.98433	21.436
1512	24767	20	0.12084	2	10	1.00	0	0	309	0.36290	0.00525	19.97903	37.33956
1512	24795	20	0.06001	2	10	1.00	0	0	95	0.18008	0.00162	19.99353	5.70095
1513	9384	20	0.05767	2	10	1.00	0	0	2	0.17300	0.00003	19.99986	0.11534
1514	24789	20	0.11457	2	10	1.00	0	0	162	0.34390	0.00276	19.98896	18.56034
1514	30005	20	0.14954	2	10	1.00	0	0	588	0.44951	0.01000	19.96007	87.92952
1515	25127	20	0.08742	2	10	1.00	0	0	3425	0.26531	0.05824	19.76972	299.4135
1516	25059	20	0.05149	2	10	1.00	0	0	1053	0.15503	0.01790	19.92866	54.21897
1517	3712	20	0.04573	2	10	1.00	0	0	1555	0.13790	0.02644	19.89480	71.11015
1518	24793	20	0.11624	2	10	1.00	0	0	213	0.34898	0.00362	19.98555	24.75912
1519	25130	20	0.05500	2	10	1.00	0	0	442	0.16523	0.00752	19.96995	24.31
1520	24794	20	0.09959	2	10	1.00	0	0	0	0.29877	0.00000	20.00000	0
1521	24794	20	0.08734	2	10	1.00	0	0	329	0.26230	0.00559	19.97767	28.73486
1522	24794	20	0.10915	2	10	1.00	0	0	0	0.32744	0.00000	20.00000	0
1542	5518	25	0.13532	2	10	1.00	4	3	618	0.32545	0.01051	24.94758	83.62776
1542	24840	25	0.18733	2	10	1.00	4	3	327	0.45010	0.00556	24.97225	61.25691
1573	9371	25	0.23413	2	10	1.00	7	3	120	0.56215	0.00205	24.98976	28.0956
1573	24908	25	0.09175	2	10	1.00	7	3	1006	0.22094	0.01711	24.91472	92.3005
1574	24904	25	0.20208	2	10	1.00	7	3	860	0.48641	0.01463	24.92706	173.7888
1575	9357	20	0.17667	2	10	1.00	7	3	1444	0.53262	0.02456	19.90225	255.11148
1575	9585	20	0.25819	2	10	1.00	7	3	361	0.77551	0.00614	19.97545	93.20659
1576	9364	20	0.14289	2	10	1.00	7	3	1095	0.43026	0.01863	19.92578	156.46455

1577	9580	20	0.28728	2	10	1.00	0	3	483	0.86327	0.00822	19.96717	138.75624
1578	9334	20	0.10244	2	10	1.00	0	0	1457	0.30885	0.02478	19.90138	149.25508
1581	25084	20	0.12259	2	10	1.00	7	3	387	0.36825	0.00659	19.97368	47.44233
1581	25086	20	0.12491	2	10	1.00	7	3	332	0.37514	0.00564	19.97745	41.47012
1582	9361	20	0.04508	2	10	1.00	7	3	1618	0.13598	0.02751	19.89055	72.93944
1583	25084	20	0.09121	2	10	1.00	7	3	1394	0.27491	0.02371	19.90562	127.14674
1584	25074	20	0.09717	2	10	1.00	7	3	1519	0.29303	0.02584	19.89719	147.60123
1584	25082	20	0.10589	2	10	1.00	7	3	0	0.31768	0.00000	20.00000	0
1585	25071	20	0.10792	2	10	1.00	7	3	388	0.32418	0.00661	19.97361	41.87296
1585	25082	20	0.10418	2	10	1.00	7	3	160	0.31272	0.00272	19.98912	16.6688
1586	25065	20	0.09217	2	10	1.00	7	3	6	0.27653	0.00010	19.99960	0.55302
1586	25069	20	0.11254	2	10	1.00	7	3	2	0.33761	0.00004	19.99986	0.22508
1586	25076	20	0.08200	2	10	1.00	7	3	475	0.24639	0.00808	19.96773	38.95
1586	25081	20	0.09493	2	10	1.00	7	3	50	0.28485	0.00086	19.99657	4.7465
1587	25071	20	0.13096	2	10	1.00	7	3	130	0.39306	0.00221	19.99116	17.0248
1587	25078	20	0.13772	2	10	1.00	7	3	530	0.41390	0.00901	19.96401	72.9916
1588	25063	20	0.08645	2	10	1.00	7	3	727	0.26000	0.01236	19.95070	62.84915
1588	25080	20	0.08978	2	10	1.00	7	3	118	0.26946	0.00201	19.99195	10.59404
1589	25065	20	0.14091	2	10	1.00	7	3	0	0.42274	0.00000	20.00000	0
1589	25079	20	0.08312	2	10	1.00	7	3	543	0.24982	0.00924	19.96311	45.13416
1589	25080	20	0.08779	2	10	1.00	7	3	256	0.26359	0.00436	19.98257	22.47424
2489	9334	45	0.21637	9	3	3.00	100	0	16517	0.31283	0.55079	41.49945	3573.78329
2489	14123	45	0.24912	9	3	2.00	100	0	19200	0.46819	0.96038	31.92502	4783.104
2489	15058	45	0.23798	9	3	2.00	100	0	17774	0.41086	0.88903	34.75300	4229.85652
2500	2501	45	0.15822	10	2	3.00	1	3	30956	0.27013	0.87743	35.14306	4897.85832
2500	5885	45	0.23765	10	2	3.00	1	3	31573	0.41272	0.89492	34.54809	7503.32345
2501	2500	45	0.15822	10	2	3.00	1	3	31573	0.27478	0.89492	34.54809	4995.48006
2501	2502	45	0.16153	10	2	3.00	1	3	30956	0.27578	0.87743	35.14306	5000.32268
2502	2501	45	0.16153	10	2	3.00	1	3	31573	0.28053	0.89492	34.54809	5099.98669
2502	5882	45	0.19759	10	2	3.00	1	3	30956	0.33735	0.87743	35.14306	6116.59604
2507	9346	35	0.23918	10	4	1.00	7	0	3016	0.42451	0.32054	33.80631	721.36688
2507	12295	45	0.30740	9	3	2.00	100	0	17353	0.52033	0.86801	35.44716	5334.3122
2507	16567	45	0.28623	9	3	2.00	100	0	17676	0.49181	0.88414	34.91972	5059.40148
2507	22539	35	0.06359	23	5	1.00	901	0	2704	0.11300	0.32846	33.76597	171.94736
2508	16567	45	0.18789	9	3	2.00	100	0	16531	0.30757	0.82688	36.65282	3106.00959
2508	16568	35	0.22640	10	4	1.00	7	0	2076	0.39646	0.22064	34.26340	470.0064
2508	23339	45	0.14302	9	3	2.00	100	0	16995	0.23840	0.85009	35.99578	2430.6249
2978	3616	45	0.28035	9	4	1.00	100	0	8335	0.48255	0.88594	34.85866	2336.71725
3033	3596	45	0.22381	11	3	3.00	20	0	22704	0.35043	0.75711	38.32113	5081.38224
3108	888	20	0.25834	3	10	3.00	0	0	1503	0.77634	0.00852	19.96597	388.28502
3108	3305	50	0.29376	9	3	2.00	100	0	9484	0.37523	0.47439	46.97247	2786.01984
3138	8942	40	0.40106	11	3	2.00	20	0	12633	0.66876	0.63191	35.98246	5066.59098
3303	3304	50	0.90616	11	3	3.00	20	0	9643	1.12595	0.32155	48.28745	8738.10088
3304	3303	50	0.90616	11	3	3.00	20	0	8510	1.11986	0.28378	48.55032	7711.4216
3304	3342	50	0.45089	9	3	3.00	100	3	11308	0.56526	0.37709	47.86096	5098.66412
3304	3653	35	0.08278	11	5	1.00	20	0	2051	0.14547	0.24920	34.14178	169.78178
3305	3108	50	0.29376	9	3	2.00	100	0	10397	0.37922	0.52005	46.47777	3054.22272
3305	3342	50	0.46149	9	3	2.00	100	3	9484	0.58948	0.47439	46.97247	4376.77116
3342	3304	50	0.45089	9	3	3.00	100	3	10264	0.56205	0.34227	48.13427	4627.93496
3342	3305	50	0.46149	9	3	2.00	100	3	10397	0.59576	0.52005	46.47777	4798.11153
3342	3352	45	0.07276	10	4	2.00	0	3	4310	0.09920	0.22906	44.00775	313.5956
3348	882	20	0.17992	3	10	3.00	0	3	653	0.54017	0.00370	19.98521	117.48776
3348	5613	45	0.14192	10	4	2.00	0	3	4657	0.19394	0.24748	43.90628	660.92144
3348	5615	45	0.25857	10	4	2.00	0	3	5156	0.35459	0.27404	43.75339	1333.18692
3349	3350	40	0.25757	10	5	1.00	0	3	474	0.38805	0.05759	39.82646	122.08818
3349	5615	40	0.11030	10	5	1.00	0	3	505	0.16622	0.06129	39.81327	55.7015
3350	882	20	0.14923	3	10	3.00	0	3	58	0.44771	0.00033	19.99869	8.65534
3350	3349	40	0.25757	10	5	1.00	0	3	505	0.38817	0.06129	39.81327	130.07285

3350	3351	40	0.16147	10	5	1.00	0	0	483	0.24328	0.05863	39.82275	77.99001
3351	3350	40	0.16147	10	5	1.00	0	0	562	0.24349	0.06830	39.78812	90.74614
3352	275	20	0.30548	3	10	3.00	0	3	261	0.91670	0.00148	19.99408	79.73028
3352	894	20	0.13004	3	10	3.00	0	3	346	0.39026	0.00196	19.99215	44.99384
3352	3342	45	0.07276	10	4	2.00	0	3	4179	0.09911	0.22208	44.04527	304.06404
3352	5603	45	0.06696	10	4	2.00	0	3	4437	0.09137	0.23579	43.97107	297.10152
3364	5704	40	0.38466	10	4	2.00	2	0	8254	0.60964	0.43867	37.85788	3174.98364
3385	9560	35	0.56802	10	4	1.00	2	0	7526	1.17327	0.79993	29.04820	4274.91852
3444	905	20	0.10449	3	10	3.00	0	3	2130	0.31423	0.01208	19.95181	222.5637
3444	3445	40	0.15123	10	3	2.00	4	3	12067	0.24981	0.60357	36.32290	1824.89241
3444	3450	30	0.16061	10	5	1.00	0	3	401	0.32236	0.04873	29.89325	64.40461
3444	3459	40	0.16590	10	3	2.00	4	3	14793	0.28958	0.73994	34.37524	2454.1587
3445	903	20	0.07309	3	10	3.00	0	3	812	0.21947	0.00460	19.98161	59.34908
3445	907	20	0.07719	3	10	3.00	0	3	4546	0.23277	0.02577	19.89746	350.90574
3445	3444	40	0.15123	10	3	2.00	4	3	13632	0.25699	0.68185	35.30758	2061.56736
3445	3446	40	0.21064	10	3	2.00	4	3	10912	0.34216	0.54583	36.93744	2298.50368
3446	3445	40	0.21064	10	3	2.00	4	3	12477	0.35030	0.62410	36.07911	2628.15528
3446	3447	40	0.14365	10	3	2.00	4	3	11156	0.23412	0.55804	36.81549	1602.5594
3446	3449	30	0.23863	10	5	1.00	0	3	244	0.47818	0.02967	29.94247	58.22572
3447	900	20	0.09160	3	10	3.00	0	3	1062	0.27513	0.00602	19.97595	97.2792
3447	906	20	0.08040	3	10	3.00	0	3	3136	0.24206	0.01778	19.92914	252.1344
3447	3446	40	0.14365	10	3	2.00	4	3	12721	0.23991	0.63632	35.92695	1827.37165
3447	3448	40	0.10935	10	3	2.00	4	0	12119	0.18079	0.60619	36.29259	1325.21265
3448	3447	40	0.10935	10	3	2.00	4	0	13684	0.18603	0.68447	35.26914	1496.3454
3449	900	20	0.23521	3	10	3.00	0	3	2	0.70563	0.00001	19.99995	0.47042
3449	901	20	0.13853	3	10	3.00	0	3	246	0.41570	0.00140	19.99442	34.07838
3449	903	20	0.09036	3	10	3.00	0	3	2	0.27107	0.00001	19.99995	0.18072
3449	3446	30	0.23863	10	5	1.00	0	3	244	0.47818	0.02966	29.94250	58.22572
3450	901	20	0.14754	3	10	3.00	0	3	390	0.44283	0.00221	19.99116	57.5406
3450	903	20	0.13035	3	10	3.00	0	3	0	0.39104	0.00000	19.99999	0
3450	904	20	0.16178	3	10	3.00	0	3	11	0.48536	0.00007	19.99974	1.77958
3450	3444	30	0.16061	10	5	1.00	0	3	403	0.32237	0.04893	29.89271	64.72583
3451	901	20	0.16592	3	10	3.00	0	3	108	0.49782	0.00061	19.99754	17.91936
3451	902	20	0.22403	3	10	3.00	0	3	1	0.67210	0.00000	19.99998	0.22403
3451	904	20	0.11557	3	10	3.00	0	3	0	0.34672	0.00000	19.99999	0
3451	3461	30	0.19348	10	5	1.00	0	3	104	0.38715	0.01263	29.98521	20.12192
3455	9560	35	0.44058	9	5	1.00	100	0	1446	0.76752	0.17569	34.44196	637.07868
3456	249	20	0.12739	3	10	3.00	0	3	1519	0.38283	0.00861	19.96562	193.50541
3456	3587	25	0.06686	10	4	2.00	4	3	2706	0.16250	0.14384	24.68563	180.92316
3456	3592	40	0.12828	10	3	2.00	4	3	9205	0.20421	0.46044	37.69019	1180.8174
3456	9555	40	0.19389	10	3	2.00	4	3	11090	0.31571	0.55473	36.84896	2150.2401
3457	238	20	0.06510	3	10	3.00	0	3	5742	0.19656	0.03255	19.87063	373.8042
3457	3458	40	0.08970	10	3	2.00	4	3	14956	0.15723	0.74812	34.22877	1341.5532
3457	3468	30	0.15000	10	5	1.00	0	3	1500	0.30508	0.18217	29.50039	225
3457	9555	40	0.21960	10	3	2.00	4	3	12651	0.36629	0.63280	35.97137	2778.1596
3458	238	20	0.12401	3	10	3.00	0	3	50	0.37206	0.00028	19.99886	6.2005
3458	3457	40	0.08970	10	3	2.00	4	3	14230	0.15443	0.71178	34.84940	1276.431
3458	3459	40	0.19618	10	3	2.00	4	3	15025	0.34451	0.75155	34.16619	2947.6045
3459	3444	40	0.16590	10	3	2.00	4	3	13226	0.27966	0.66158	35.59405	2194.1934
3459	3458	40	0.19618	10	3	2.00	4	3	14280	0.33815	0.71429	34.80885	2801.4504
3459	3460	45	0.14740	11	4	3.00	0	3	19692	0.22415	0.69771	39.45399	2902.6008
3459	5655	45	0.14923	10	3	3.00	4	3	32885	0.36911	1.09659	24.25852	4907.42855
3460	239	20	0.05142	3	10	3.00	0	3	2417	0.15468	0.01370	19.94534	124.28214
3460	904	20	0.09608	3	10	3.00	0	3	411	0.28837	0.00233	19.99070	39.48888
3460	3459	45	0.14740	11	4	3.00	0	3	19729	0.22428	0.69903	39.43118	2908.0546
3460	3461	45	0.11036	11	4	3.00	0	3	18310	0.16456	0.64874	40.23717	2020.6916
3461	3451	30	0.19348	10	5	1.00	0	3	107	0.38716	0.01303	29.98422	20.70236
3461	3460	45	0.11036	11	4	3.00	0	3	18346	0.16464	0.65000	40.21849	2024.66456

3461	3462	30	0.13835	10	5	1.00	0	3	4724	0.30199	0.57387	27.48845	653.5654
3461	3470	45	0.17095	11	4	3.00	0	3	14419	0.24467	0.51089	41.92355	2464.92805
3462	3461	30	0.13835	10	5	1.00	0	3	4839	0.30324	0.58785	27.37512	669.47565
3462	3463	30	0.14331	10	5	1.00	0	3	4724	0.31281	0.57387	27.48845	676.99644
3463	3462	30	0.14331	10	5	1.00	0	3	4839	0.31410	0.58785	27.37512	693.47709
3463	3464	30	0.18963	10	5	1.00	0	3	4835	0.41556	0.58731	27.37952	916.86105
3463	3468	30	0.14207	10	5	1.00	0	3	682	0.28603	0.08282	29.80128	96.89174
3463	3469	30	0.11820	10	5	1.00	0	3	523	0.23757	0.06352	29.85399	61.8186
3464	3463	30	0.18963	10	5	1.00	0	3	4973	0.41772	0.60409	27.23768	943.02999
3464	3465	30	0.14746	10	5	1.00	0	3	309	0.29568	0.03754	29.92232	45.56514
3464	3466	30	0.09905	10	5	1.00	0	3	4902	0.21760	0.59550	27.31117	485.5431
3465	242	20	0.10373	3	10	3.00	0	3	198	0.31126	0.00112	19.99551	20.53854
3465	243	20	0.13141	3	10	3.00	0	3	112	0.39429	0.00063	19.99747	14.71792
3465	3464	30	0.14746	10	5	1.00	0	3	293	0.29563	0.03564	29.92720	43.20578
3466	244	20	0.17525	3	10	3.00	0	3	307	0.52592	0.00174	19.99304	53.80175
3466	3464	30	0.09905	10	5	1.00	0	3	5056	0.21890	0.61418	27.14911	500.7968
3466	3595	45	0.25421	11	3	3.00	0	3	18335	0.37420	0.61140	40.76061	4660.94035
3466	3596	45	0.06332	11	3	3.00	0	3	21550	0.09722	0.71862	39.08057	1364.546
3467	241	20	0.05389	3	10	3.00	0	3	809	0.16182	0.00459	19.98166	43.59701
3467	242	20	0.11858	3	10	3.00	0	3	117	0.35577	0.00066	19.99736	13.87386
3467	3468	30	0.18518	10	5	1.00	0	3	944	0.37397	0.11462	29.71059	174.80992
3468	240	20	0.08040	3	10	3.00	0	3	638	0.24137	0.00362	19.98555	51.2952
3468	3457	30	0.15000	10	5	1.00	0	3	1547	0.30528	0.18795	29.48118	232.05
3468	3463	30	0.14207	10	5	1.00	0	3	653	0.28593	0.07931	29.81097	92.77171
3468	3467	30	0.18518	10	5	1.00	0	3	925	0.37389	0.11234	29.71725	171.2915
3469	245	20	0.14929	3	10	3.00	0	3	187	0.44797	0.00106	19.99575	27.91723
3469	246	20	0.04369	3	10	3.00	0	3	336	0.13113	0.00191	19.99237	14.67984
3469	3463	30	0.11820	10	5	1.00	0	3	529	0.23758	0.06422	29.85211	62.5278
3470	247	20	0.05124	3	10	3.00	0	3	521	0.15382	0.00295	19.98819	26.69604
3470	902	20	0.08858	3	10	3.00	0	3	642	0.26592	0.00364	19.98546	56.86836
3470	3461	45	0.17095	11	4	3.00	0	3	14343	0.24451	0.50819	41.95070	2451.93585
3470	5661	45	0.10761	11	3	3.00	0	0	13851	0.15233	0.46187	42.38867	1490.50611
3587	237	20	0.19558	3	10	3.00	0	3	55	0.58677	0.00031	19.99875	10.7569
3587	3456	25	0.06686	10	4	2.00	4	3	2732	0.16252	0.14520	24.68213	182.66152
3587	3588	30	0.09148	10	4	2.00	4	3	2761	0.18535	0.14676	29.61373	252.57628
3588	248	25	0.14634	2	10	1.00	4	3	6378	0.35884	0.10846	24.46921	933.35652
3588	3587	30	0.09148	10	4	2.00	4	3	2787	0.18537	0.14812	29.60950	254.95476
3588	3593	25	0.21442	10	4	1.00	4	0	3591	0.53803	0.38164	23.91183	769.98222
3592	3456	40	0.12828	10	3	2.00	4	3	9877	0.20572	0.49404	37.41326	1267.02156
3592	3594	40	0.16061	10	3	2.00	4	0	9205	0.25567	0.46044	37.69019	1478.41505
3593	3588	25	0.21442	10	4	1.00	4	0	3616	0.53829	0.38437	23.90059	775.34272
3593	3594	40	0.12823	10	3	3.00	8	2	25768	0.24233	0.85927	31.75051	3304.23064
3593	3629	25	0.20062	11	4	2.00	20	2	10259	0.52134	0.54525	23.08942	2058.16058
3593	8845	40	0.19129	10	3	3.00	4	2	31955	0.49236	1.06559	23.31061	6112.67195
3594	3592	40	0.16061	10	3	2.00	4	0	9877	0.25757	0.49404	37.41326	1586.34497
3594	3593	40	0.12823	10	3	3.00	8	2	26262	0.24591	0.87573	31.28761	3367.57626
3594	3595	45	0.23893	10	3	3.00	8	0	17729	0.34947	0.59120	41.02087	4235.98997
3595	243	20	0.13692	3	10	3.00	0	3	404	0.41096	0.00229	19.99084	55.31568
3595	244	20	0.13776	3	10	3.00	0	3	240	0.41340	0.00136	19.99456	33.0624
3595	3466	45	0.25421	11	3	3.00	0	3	17280	0.37017	0.57622	41.20458	4392.7488
3595	3594	45	0.23893	10	3	3.00	8	0	18793	0.35350	0.62668	40.55341	4490.21149
3596	244	20	0.21910	3	10	3.00	0	3	0	0.65729	0.00000	20.00000	0
3596	245	20	0.08842	3	10	3.00	0	3	498	0.26540	0.00282	19.98871	44.03316
3596	3033	45	0.22381	11	3	3.00	20	0	21478	0.34323	0.71620	39.12502	4806.99118
3596	3466	45	0.06332	11	3	3.00	0	3	22771	0.09927	0.75933	38.27415	1441.85972
3616	1131	20	0.17211	3	10	3.00	0	3	8213	0.52114	0.04656	19.81549	1413.53943
3616	2978	45	0.28035	9	4	1.00	100	0	9513	0.57207	1.01111	29.40366	2666.96955
3616	5515	45	0.39564	10	3	1.00	1	3	10512	0.87658	1.05161	27.08054	4158.96768

3629	3593	25	0.20062	11	4	2.00	20	2	10292	0.52158	0.54700	23.07868	2064.78104
3653	3304	35	0.08278	11	5	1.00	20	0	1963	0.14527	0.23845	34.18837	162.49714
3664	8972	40	0.28535	9	4	1.00	100	0	6462	0.48592	0.68687	35.23374	1843.9317
3678	5892	45	0.10873	10	4	1.00	1	3	10831	0.31446	1.15128	20.74650	1177.65463
3683	275	20	0.22959	3	10	3.00	0	0	39	0.68881	0.00022	19.99912	8.95401
3693	8981	30	0.30417	9	4	1.00	100	0	1282	0.61561	0.13624	29.64602	389.94594
3707	940	20	0.08705	2	10	1.00	0	3	184	0.26131	0.00314	19.98746	16.0172
3707	9101	30	0.21349	10	5	1.00	0	3	1895	0.43667	0.23021	29.33434	404.56355
3707	9103	30	0.13989	10	5	1.00	0	3	2109	0.28707	0.25620	29.23797	295.02801
3707	9104	30	0.26902	10	5	1.00	0	3	1659	0.54836	0.20155	29.43519	446.30418
3708	1106	20	0.18200	2	10	1.00	0	3	1845	0.54942	0.03138	19.87527	335.79
3708	9100	45	0.07462	9	4	1.00	100	3	1836	0.10133	0.19520	44.18525	137.00232
3712	1517	20	0.04573	2	10	1.00	0	0	1555	0.13790	0.02644	19.89480	71.11015
3712	9521	25	0.05808	10	5	1.00	0	0	437	0.13993	0.05308	24.90150	25.38096
3712	25130	25	0.04902	10	5	1.00	0	0	1256	0.11926	0.15253	24.66311	61.56912
3714	9363	30	0.20043	10	4	1.00	7	3	1002	0.40445	0.10655	29.73407	200.83086
3714	25080	25	0.10178	10	5	1.00	0	3	267	0.24479	0.03247	24.94611	27.17526
3714	25087	30	0.10671	10	4	1.00	7	0	756	0.21479	0.08033	29.80818	80.67276
3716	1102	20	0.23538	2	10	1.00	7	3	882	0.70826	0.01499	19.94020	207.60516
3716	9364	30	0.19492	10	4	1.00	7	3	1534	0.39561	0.16301	29.56260	299.00728
3716	9583	30	0.18247	10	4	1.00	7	3	2526	0.37507	0.26852	29.19055	460.91922
3717	913	25	0.08917	2	10	1.00	0	3	904	0.21466	0.01537	24.92339	80.60968
3717	3719	40	0.10708	10	3	2.00	0	3	3621	0.16332	0.18113	39.33844	387.73668
3717	9619	40	0.07714	10	3	2.00	0	3	4426	0.11821	0.22137	39.15471	341.42164
3719	3717	40	0.10708	10	3	2.00	0	3	3562	0.16327	0.17818	39.35138	381.41896
3719	3721	40	0.16430	10	3	2.00	0	3	3227	0.25005	0.16142	39.42358	530.1961
3719	3730	35	0.13970	10	5	1.00	0	3	3397	0.25177	0.41264	33.29154	474.5609
3719	9614	35	0.20585	10	3	1.00	0	3	2931	0.36390	0.29325	33.94041	603.34635
3721	3719	40	0.16430	10	3	2.00	0	3	3194	0.25000	0.15978	39.43054	524.7742
3721	3723	40	0.05892	10	3	2.00	0	3	3227	0.08967	0.16142	39.42358	190.13484
3723	3721	40	0.05892	10	3	2.00	0	3	3194	0.08966	0.15978	39.43054	188.19048
3723	3725	45	0.24512	10	3	2.00	0	3	3227	0.33160	0.16142	44.35152	791.00224
3725	1189	25	0.30147	2	10	1.00	0	3	1593	0.72745	0.02709	24.86530	480.24171
3725	3723	45	0.24512	10	3	2.00	0	3	3194	0.33154	0.15978	44.35936	782.91328
3725	3727	35	0.22417	10	5	1.00	0	3	1947	0.39332	0.23655	34.19650	436.45899
3725	9630	0	0.37417	10	3	0.00	0	3	0	0.00000	0.00000	0.00000	0
3727	908	25	0.13674	2	10	1.00	0	3	2015	0.33042	0.03426	24.82985	275.5311
3727	909	25	0.12580	2	10	1.00	0	3	486	0.30241	0.00827	24.95872	61.1388
3727	3725	35	0.22417	10	5	1.00	0	3	1914	0.39312	0.23255	34.21348	429.06138
3727	3729	35	0.21570	10	5	1.00	0	3	876	0.37307	0.10647	34.69003	188.9532
3729	3727	35	0.21570	10	5	1.00	0	3	844	0.37292	0.10247	34.70344	182.0508
3729	3734	35	0.11533	10	5	1.00	0	3	3674	0.20922	0.44635	33.07474	423.72242
3729	3758	35	0.07296	10	5	1.00	0	3	3516	0.13186	0.42710	33.20063	256.52736
3730	913	25	0.09717	2	10	1.00	0	3	237	0.23339	0.00403	24.97989	23.02929
3730	914	25	0.14047	2	10	1.00	0	3	1706	0.33908	0.02902	24.85575	239.64182
3730	3719	35	0.13970	10	5	1.00	0	3	3390	0.25174	0.41183	33.29655	473.583
3730	3732	35	0.10975	10	5	1.00	0	3	3175	0.19685	0.38572	33.45295	348.45625
3731	3733	35	0.14370	10	5	1.00	0	3	3589	0.26014	0.43594	33.14352	515.7393
3731	3758	35	0.06390	10	5	1.00	0	3	3670	0.11591	0.44580	33.07847	234.513
3732	912	25	0.07955	2	10	1.00	0	3	1686	0.19202	0.02867	24.85747	134.1213
3732	3730	35	0.10975	10	5	1.00	0	3	3168	0.19682	0.38486	33.45795	347.688
3732	3735	35	0.07548	10	5	1.00	0	3	1490	0.13157	0.18094	34.42185	112.4652
3733	911	25	0.11304	2	10	1.00	0	3	90	0.27138	0.00153	24.99236	10.1736
3733	3731	35	0.14370	10	5	1.00	0	3	3670	0.26065	0.44580	33.07847	527.379
3733	3735	35	0.17648	10	5	1.00	0	3	3499	0.31880	0.42502	33.21388	617.50352
3734	910	25	0.07702	2	10	1.00	0	3	11	0.18485	0.00018	24.99910	0.84722
3734	3729	35	0.11533	10	5	1.00	0	3	3561	0.20865	0.43257	33.16547	410.69013
3734	3736	30	0.12028	10	5	1.00	0	3	3685	0.25463	0.44770	28.34207	443.2318

3735	3732	35	0.07548	10	5	1.00	0	3	1483	0.13156	0.18013	34.42497	111.93684
3735	3733	35	0.17648	10	5	1.00	0	3	3569	0.31933	0.43354	33.15917	629.85712
3735	3737	35	0.00683	10	5	1.00	0	3	4081	0.01252	0.49580	32.72334	27.87323
3736	924	20	0.14760	2	10	1.00	0	3	456	0.44348	0.00776	19.96901	67.3056
3736	938	20	0.27206	2	10	1.00	0	3	1070	0.81914	0.01820	19.92748	291.1042
3736	3734	30	0.12028	10	5	1.00	0	3	3571	0.25393	0.43385	28.42041	429.51988
3736	9101	30	0.12245	10	5	1.00	0	3	2179	0.25156	0.26465	29.20558	266.81855
3737	911	25	0.15259	2	10	1.00	0	3	731	0.36712	0.01243	24.93799	111.54329
3737	912	25	0.11716	2	10	1.00	0	3	1561	0.28268	0.02655	24.86796	182.88676
3737	3735	35	0.00683	10	5	1.00	0	3	4145	0.01254	0.50350	32.66461	28.31035
3737	8660	35	0.17800	10	5	1.00	0	3	5390	0.34202	0.65471	31.22622	959.42
3739	923	20	0.06950	2	10	1.00	0	3	317	0.20873	0.00539	19.97845	22.0315
3739	924	20	0.24738	2	10	1.00	0	3	228	0.74273	0.00387	19.98452	56.40264
3739	3741	30	0.08864	10	5	1.00	0	3	4861	0.19444	0.59052	27.35292	430.87904
3739	9103	30	0.07538	10	5	1.00	0	3	5143	0.16717	0.62477	27.05325	387.67934
3741	3739	30	0.08864	10	5	1.00	0	3	4991	0.19539	0.60625	27.21892	442.40224
3741	3743	30	0.22143	10	5	1.00	0	3	4861	0.48573	0.59052	27.35292	1076.37123
3743	925	20	0.29123	2	10	1.00	0	3	721	0.87583	0.01227	19.95105	209.97683
3743	3741	30	0.22143	10	5	1.00	0	3	4991	0.48812	0.60625	27.21892	1105.15713
3743	3745	30	0.18216	10	5	1.00	0	3	5383	0.40822	0.65389	26.77363	980.56728
3745	3743	30	0.18216	10	5	1.00	0	3	5512	0.41070	0.66962	26.61197	1004.06592
3745	3747	30	0.13827	10	5	1.00	0	3	5383	0.30985	0.65389	26.77363	744.30741
3747	3745	30	0.13827	10	5	1.00	0	3	5512	0.31174	0.66962	26.61197	762.14424
3747	8657	45	0.34205	10	3	3.00	0	3	27101	0.59951	0.90373	34.23290	9269.89705
3747	8660	45	0.40090	10	3	3.00	0	3	31895	0.91291	1.06358	26.34896	12786.7055
3749	8603	40	0.08018	10	3	2.00	0	3	7465	0.12557	0.37342	38.31264	598.5437
3749	8611	40	0.05377	10	3	2.00	0	3	7601	0.08431	0.38022	38.26828	408.70577
3751	915	25	0.09622	2	10	1.00	0	3	692	0.23148	0.01177	24.94127	66.58424
3751	8609	45	0.09186	10	3	3.00	0	3	30195	0.18601	1.00691	29.62938	2773.7127
3751	8660	45	0.19512	10	3	3.00	0	3	30931	0.41411	1.03143	28.26998	6035.25672
3753	915	25	0.12528	2	10	1.00	0	3	24	0.30069	0.00041	24.99796	3.00672
3753	3755	35	0.05654	10	5	1.00	0	3	1925	0.09916	0.23378	34.20827	108.8395
3753	8603	35	0.08130	10	5	1.00	0	3	1755	0.14224	0.21315	34.29422	142.6815
3755	916	25	0.11912	2	10	1.00	0	3	354	0.28624	0.00601	24.96997	42.16848
3755	3753	35	0.05654	10	5	1.00	0	3	1779	0.09895	0.21606	34.28230	100.58466
3755	3757	35	0.09108	10	5	1.00	0	3	1573	0.15894	0.19106	34.38256	143.26884
3756	918	25	0.14810	2	10	1.00	0	3	142	0.35561	0.00242	24.98792	21.0302
3756	3757	35	0.06065	10	5	1.00	0	3	141	0.10407	0.01713	34.96969	8.55165
3757	3755	35	0.09108	10	5	1.00	0	3	1428	0.15862	0.17351	34.45026	130.06224
3757	3756	35	0.06065	10	5	1.00	0	3	142	0.10407	0.01727	34.96931	8.6123
3757	8613	35	0.10872	10	5	1.00	0	3	1690	0.19004	0.20531	34.32600	183.7368
3758	910	25	0.05580	2	10	1.00	0	3	77	0.13396	0.00131	24.99344	4.2966
3758	3729	35	0.07296	10	5	1.00	0	3	3597	0.13211	0.43690	33.13730	262.43712
3758	3731	35	0.06390	10	5	1.00	0	3	3589	0.11568	0.43594	33.14352	229.3371
3759	919	25	0.08274	2	10	1.00	0	3	738	0.19908	0.01256	24.93737	61.06212
3759	8605	40	0.29380	10	3	2.00	0	3	6654	0.45711	0.33283	38.56392	1954.9452
3759	8607	40	0.10810	10	3	2.00	0	3	7287	0.16903	0.36451	38.36970	787.7247
3761	920	25	0.10199	2	10	1.00	0	3	1534	0.24604	0.02609	24.87024	156.45266
3761	8605	35	0.15998	10	5	1.00	0	3	1534	0.27902	0.18635	34.40096	245.40932
3763	921	25	0.10373	2	10	1.00	0	3	342	0.24924	0.00581	24.97098	35.47566
3763	8605	35	0.09148	10	5	1.00	0	3	350	0.15730	0.04251	34.89439	32.018
3765	930	25	0.16884	2	10	1.00	0	3	1117	0.40676	0.01900	24.90536	188.59428
3765	8655	40	0.10916	10	5	1.00	0	0	1122	0.16569	0.13626	39.52797	122.47752
3767	930	25	0.09726	2	10	1.00	0	3	852	0.23411	0.01449	24.92776	82.86552
3767	8623	30	0.08380	10	5	1.00	0	3	5427	0.18818	0.65921	26.71973	454.7826
3767	8625	30	0.25172	10	5	1.00	0	3	6601	0.60737	0.80188	24.86635	1661.60372
3769	931	20	0.14551	2	10	1.00	0	3	1005	0.43803	0.01709	19.93188	146.23755
3769	935	25	0.09076	2	10	1.00	0	3	1323	0.21880	0.02251	24.88797	120.07548

3769	8625	40	0.18483	10	3	2.00	0	3	6938	0.28821	0.34702	38.47853	1282.35054
3769	8989	40	0.14354	10	3	2.00	0	3	6913	0.22378	0.34577	38.48615	992.29202
3771	932	20	0.12038	2	10	1.00	0	3	489	0.36174	0.00831	19.96682	58.86582
3771	3772	45	0.22021	10	3	2.00	0	3	17168	0.36974	0.85875	35.73536	3780.56528
3771	8986	45	0.15686	10	3	2.00	8	3	17603	0.26859	0.88051	35.04114	2761.20658
3772	3771	45	0.22021	10	3	2.00	0	3	17459	0.37453	0.87329	35.27786	3844.64639
3772	8987	45	0.09762	10	3	2.00	0	3	17168	0.16390	0.85875	35.73536	1675.94016
5020	5027	25	0.77535	9	5	1.00	100	0	0	1.85983	0.00000	25.01345	0
5020	9545	25	0.17788	9	5	1.00	100	0	0	0.42669	0.00000	25.01345	0
5020	27006	0	0.61697	9	2	0.00	100	0	0	0.00000	0.00000	0.00000	0
5027	5020	25	0.77535	9	5	1.00	100	0	0	1.85983	0.00000	25.01345	0
5027	5050	25	0.54318	9	5	1.00	100	0	0	1.30294	0.00000	25.01345	0
5028	9387	50	0.20216	10	3	3.00	7	0	7770	0.24900	0.25911	48.71145	1570.7832
5029	24764	45	0.09674	9	3	3.00	100	0	19237	0.14387	0.64149	40.34351	1860.98738
5029	25056	50	0.09277	10	3	3.00	7	0	8449	0.11462	0.28175	48.56389	783.81373
5029	25129	50	0.09675	10	3	3.00	7	0	16576	0.12595	0.55276	46.08592	1603.728
5029	25189	45	0.13340	9	3	3.00	100	0	14934	0.19034	0.49799	42.05157	1992.1956
5032	1119	25	0.33159	2	10	1.00	7	3	196	0.79635	0.00334	24.98332	64.99164
5032	9596	35	0.20768	9	7	1.00	100	3	332	0.35648	0.02350	34.95437	68.94976
5032	30003	35	0.40063	9	7	1.00	100	3	185	0.68728	0.01311	34.97549	74.11655
5041	5050	30	1.35250	9	7	1.00	100	0	0	2.70487	0.00000	30.00137	0
5049	6983	25	1.02360	9	5	1.00	100	0	0	2.45532	0.00000	25.01345	0
5050	5027	25	0.54318	9	5	1.00	100	0	0	1.30294	0.00000	25.01345	0
5050	5041	30	1.35250	9	7	1.00	100	0	0	2.70487	0.00000	30.00137	0
5050	6983	25	0.40174	9	5	1.00	100	0	0	0.96367	0.00000	25.01345	0
5325	5884	40	0.29909	10	3	2.00	1	0	13337	0.50525	0.66711	35.51760	3988.96333
5500	162	25	0.07582	2	10	1.00	5	3	232	0.18212	0.00394	24.98032	17.59024
5500	196	25	0.20681	2	10	1.00	5	3	473	0.49715	0.00804	24.95986	97.82113
5500	197	25	0.20456	2	10	1.00	5	3	129	0.49115	0.00219	24.98903	26.38824
5500	8992	45	0.19017	10	3	2.00	5	3	10474	0.27303	0.52389	41.79017	1991.84058
5500	8998	45	0.15013	10	3	2.00	5	3	10629	0.21598	0.53166	41.70829	1595.73177
5502	161	25	0.09503	2	10	1.00	5	3	77	0.22814	0.00131	24.99344	7.31731
5502	5504	45	0.19285	10	3	2.00	5	3	12196	0.28376	0.61006	40.77836	2351.9986
5502	8992	45	0.12502	10	3	2.00	5	3	12284	0.18422	0.61443	40.72022	1535.74568
5504	181	25	0.13954	2	10	1.00	5	3	674	0.33567	0.01147	24.94280	94.04996
5504	182	25	0.33275	2	10	1.00	5	3	118	0.79893	0.00200	24.99000	39.2645
5504	5502	45	0.19285	10	3	2.00	5	3	12330	0.28438	0.61676	40.68903	2377.8405
5504	5506	45	0.19635	10	3	2.00	5	3	12739	0.29157	0.63722	40.40497	2501.30265
5506	159	25	0.20348	2	10	1.00	5	3	535	0.48924	0.00910	24.95457	108.8618
5506	5504	45	0.19635	10	3	2.00	5	3	12886	0.29233	0.64454	40.29913	2530.1661
5506	8632	45	0.06694	10	3	2.00	5	3	13116	0.10009	0.65604	40.12791	877.98504
5509	323	25	0.13876	2	10	1.00	1	3	3326	0.33679	0.05656	24.72038	461.51576
5509	5511	45	0.25754	10	5	2.00	1	3	10632	0.38361	0.64579	40.28069	2738.16528
5509	5514	45	0.14168	10	5	2.00	1	3	11503	0.21555	0.69867	39.43740	1629.74504
5510	322	25	0.26877	2	10	1.00	1	3	706	0.64660	0.01200	24.94013	189.75162
5510	5511	45	0.35823	10	3	1.00	1	3	4883	0.51001	0.48846	42.14341	1749.23709
5510	6004	40	0.32318	10	3	1.00	1	3	4248	0.51085	0.42501	37.95881	1372.86864
5511	5509	45	0.25754	10	5	2.00	1	3	10913	0.38607	0.66281	40.02430	2810.53402
5511	5510	45	0.35823	10	3	1.00	1	3	4895	0.51015	0.48970	42.13165	1753.53585
5511	5512	45	0.44797	10	3	1.00	1	3	8560	0.75058	0.85630	35.80991	3834.6232
5511	15064	45	0.10042	10	5	2.00	1	3	16741	0.20710	1.01682	29.09246	1681.13122
5512	5511	45	0.44797	10	3	1.00	1	3	8937	0.77731	0.89406	34.57856	4003.50789
5512	5513	45	0.04154	10	3	1.00	1	3	8725	0.07062	0.87283	35.29295	362.4365
5512	27043	25	0.19897	10	3	1.00	1	3	664	0.47999	0.06641	24.87184	132.11608
5513	5512	45	0.04154	10	3	1.00	1	3	9036	0.07282	0.90395	34.22494	375.35544
5513	5519	25	0.11739	10	4	1.00	1	3	1414	0.28552	0.15026	24.66903	165.98946
5513	5525	45	0.20076	10	3	1.00	1	3	7363	0.31095	0.73661	38.73780	1478.19588
5514	5509	45	0.14168	10	5	2.00	1	3	11316	0.21449	0.68731	39.63070	1603.25088

5514	5518	45	0.21235	10	3	3.00	4	3	17137	0.30879	0.57145	41.26138	3639.04195
5514	9054	45	0.15115	10	3	2.00	1	3	14467	0.23262	0.72366	38.98654	2186.68705
5514	24840	45	0.14589	10	3	2.00	4	3	17595	0.24971	0.88012	35.05420	2566.93455
5515	1132	20	0.18811	3	10	3.00	0	3	2500	0.56592	0.01417	19.94348	470.275
5515	3616	45	0.39564	10	3	1.00	1	3	11690	1.20945	1.16942	19.62732	4625.0316
5515	5525	45	0.31545	10	3	1.00	1	3	11782	0.99234	1.17868	19.07295	3716.6319
5516	210	25	0.32283	2	10	1.00	4	3	12170	0.80685	0.20697	24.00626	3928.8411
5516	5517	45	0.14283	10	3	2.00	4	3	22695	0.39374	1.13522	21.76484	3241.52685
5516	24840	45	0.25659	10	3	2.00	1	3	20756	0.55227	1.03823	27.87626	5325.78204
5516	27043	25	0.20523	10	3	1.00	1	3	881	0.49609	0.08812	24.82208	180.80763
5517	5516	45	0.14283	10	3	2.00	4	3	22833	0.40184	1.14210	21.32628	3261.23739
5517	5521	50	0.12236	10	6	2.00	1	0	6	0.14676	0.00025	50.02591	0.73416
5517	5523	45	0.15314	10	3	4.00	1	3	26406	0.22935	0.66041	40.06133	4043.81484
5517	9571	45	0.10367	10	3	3.00	1	3	44727	0.74514	1.49149	8.34774	4636.84809
5518	214	25	0.17614	2	10	1.00	4	3	250	0.42311	0.00425	24.97879	44.035
5518	1542	25	0.13532	2	10	1.00	4	3	616	0.32545	0.01047	24.94776	83.35712
5518	5514	45	0.21235	10	3	3.00	4	3	17846	0.31098	0.59511	40.97165	3789.5981
5518	5520	45	0.21328	10	3	3.00	4	3	17914	0.31256	0.59737	40.94300	3820.69792
5519	5513	25	0.11739	10	4	1.00	1	3	2287	0.28860	0.24313	24.40586	268.47093
5519	9091	45	0.18542	10	2	4.00	1	3	35982	0.29158	0.76492	38.15441	6671.78244
5519	9561	25	0.08617	10	4	1.00	1	3	8482	0.27123	0.90154	19.06227	730.89394
5519	27042	45	0.09822	10	3	4.00	1	3	35371	0.16885	0.88463	34.90316	3474.13962
5520	213	25	0.15218	2	10	1.00	4	3	245	0.36553	0.00417	24.97914	37.2841
5520	5518	45	0.21328	10	3	3.00	4	3	18318	0.31390	0.61084	40.76810	3906.86304
5520	5526	45	0.14547	10	3	3.00	4	3	17668	0.21265	0.58918	41.04608	2570.16396
5521	5517	50	0.12236	10	6	1.00	1	0	12319	0.24182	1.04755	30.36085	1507.35284
5522	5524	45	0.19169	10	3	3.00	4	3	18520	0.28274	0.61759	40.67785	3550.0988
5522	5526	45	0.12397	10	3	3.00	4	3	19207	0.18430	0.64049	40.35792	2381.09179
5523	5517	45	0.15314	10	3	4.00	1	3	35328	0.26297	0.88355	34.93945	5410.12992
5523	5966	0	0.41388	10	6	0.00	4	0	0	0.00000	0.00000	0.00000	0
5523	27042	45	0.04943	10	3	4.00	1	3	38968	0.09487	0.97460	31.26345	1926.18824
5524	212	25	0.06349	2	10	1.00	4	3	297	0.15254	0.00505	24.97479	18.85653
5524	216	25	0.13744	2	10	1.00	4	3	1441	0.33147	0.02451	24.87804	198.05104
5524	5522	45	0.19169	10	3	3.00	4	3	19207	0.28498	0.64049	40.35792	3681.78983
5524	8748	45	0.09655	10	3	3.00	4	3	19531	0.14410	0.65130	40.19912	1885.71805
5525	5513	45	0.20076	10	3	1.00	1	3	6801	0.30306	0.68032	39.74600	1365.36876
5525	5515	45	0.31545	10	3	1.00	1	3	12960	1.41855	1.29649	13.34239	4088.232
5525	9561	25	0.11058	10	4	1.00	1	3	4992	0.28625	0.53065	23.17725	552.01536
5526	213	25	0.09035	2	10	1.00	4	3	531	0.21723	0.00902	24.95496	47.97585
5526	5520	45	0.14547	10	3	3.00	4	3	18077	0.21355	0.60282	40.87298	2629.66119
5526	5522	45	0.12397	10	3	3.00	4	3	18520	0.18285	0.61759	40.67785	2295.9244
5526	5528	30	0.18405	10	5	1.00	4	3	897	0.37148	0.10892	29.72720	165.09285
5528	214	25	0.24093	2	10	1.00	4	3	423	0.57906	0.00720	24.96408	101.91339
5528	5526	30	0.18405	10	5	1.00	4	3	614	0.37028	0.07454	29.82409	113.0067
5528	5530	30	0.18129	10	5	1.00	4	3	543	0.36443	0.06599	29.84732	98.44047
5530	5528	30	0.18129	10	5	1.00	4	3	550	0.36446	0.06680	29.84514	99.7095
5530	5532	30	0.18844	10	5	1.00	4	3	725	0.37959	0.08812	29.78649	136.619
5530	5534	30	0.05955	10	5	1.00	4	3	834	0.12011	0.10132	29.74912	49.6647
5532	215	25	0.15861	2	10	1.00	4	3	1357	0.38243	0.02308	24.88511	215.23377
5532	5530	30	0.18844	10	5	1.00	4	3	347	0.37802	0.04216	29.91039	65.38868
5532	8744	30	0.20849	10	5	1.00	4	3	1198	0.42236	0.14555	29.61747	249.77102
5534	217	25	0.05053	2	10	1.00	4	3	1043	0.12171	0.01774	24.91161	52.70279
5534	5530	30	0.05955	10	5	1.00	4	3	1219	0.12067	0.14809	29.60960	72.59145
5534	9050	30	0.17078	10	5	1.00	4	3	1020	0.34521	0.12393	29.68309	174.1956
5536	5542	50	0.18583	10	1	2.00	1	0	53447	0.44581	1.13620	25.01073	9932.05601
5536	5544	63	0.18581	10	1	3.00	1	0	55003	0.21193	0.77952	52.60526	10220.10743
5536	7153	65	0.02973	2	9	1.00	0	0	0	0.02743	0.00000	65.03497	0
5538	5540	63	0.39224	10	1	3.00	1	0	63872	0.49406	0.90521	47.63496	25053.15328

5538	5542	50	0.23239	10	1	1.00	1	0	15497	0.31499	0.65887	44.26653	3601.34783
5540	8954	63	0.40455	10	1	5.00	1	0	96528	0.47404	0.82081	51.20417	39050.4024
5540	10290	65	0.03020	2	9	1.00	0	0	15326	0.03542	0.86884	51.16320	462.8452
5542	25162	63	0.01109	10	1	2.00	4	0	68944	0.04960	1.46564	13.41598	764.58896
5546	5540	50	0.25012	10	1	2.00	1	0	47982	0.46391	1.02003	32.34911	12001.25784
5546	5544	50	0.26194	10	1	1.00	1	0	21924	0.42813	0.93213	36.70945	5742.77256
5548	5549	30	0.13942	10	6	1.00	4	2	13269	0.56498	1.12830	14.80634	1849.96398
5548	5550	63	0.31677	10	1	3.00	4	0	55675	0.36342	0.78904	52.29920	17636.16975
5549	8840	25	0.07379	10	6	1.00	4	2	2910	0.18150	0.24746	24.39244	214.7289
5549	8845	30	0.11513	10	6	1.00	4	2	10359	0.29580	0.88084	23.35345	1192.63167
5550	25165	63	0.02081	10	1	3.00	4	0	66080	0.02713	0.93651	46.01665	1375.1248
5552	5654	35	0.17405	10	6	1.00	4	3	12793	0.54098	1.08787	19.30346	2226.62165
5552	5657	63	0.11194	10	1	3.00	4	0	53286	0.12591	0.75519	53.34490	5964.83484
5553	5555	40	0.06006	10	3	2.00	0	3	12507	0.09993	0.62560	36.06083	751.17042
5553	5556	40	0.04209	10	3	2.00	0	3	12507	0.07003	0.62560	36.06083	526.41963
5554	25168	63	0.01653	10	1	3.00	4	0	69298	0.02289	0.98212	43.32116	1145.49594
5555	273	25	0.12084	2	10	1.00	3	3	12507	0.30236	0.21270	23.97989	1511.34588
5555	5553	40	0.06006	10	3	2.00	0	3	12507	0.09993	0.62560	36.06083	751.17042
5556	5553	40	0.04209	10	3	2.00	0	3	12507	0.07003	0.62560	36.06083	526.41963
5556	5557	45	0.09004	10	3	3.00	0	3	12290	0.12615	0.40983	42.82566	1106.5916
5556	5563	45	0.10911	10	3	3.00	0	3	34095	0.30231	1.13695	21.65460	3720.10545
5556	8769	45	0.06686	10	3	3.00	0	3	39051	0.30556	1.30222	13.12786	2610.94986
5557	877	20	0.06631	3	10	3.00	0	3	459	0.19903	0.00260	19.98960	30.43629
5557	5556	45	0.09004	10	3	3.00	0	3	9049	0.12395	0.30176	43.58494	814.77196
5557	5614	45	0.18963	10	3	3.00	0	3	12555	0.26611	0.41866	42.75525	2380.80465
5558	82	25	0.04314	2	10	1.00	1	3	413	0.10368	0.00703	24.96490	17.81682
5558	135	25	0.05928	2	10	1.00	1	3	1813	0.14315	0.03084	24.84677	107.47464
5558	5560	35	0.09193	10	3	3.00	1	3	25027	0.19462	0.83457	28.34334	2300.73211
5558	5848	35	0.05552	10	3	3.00	1	3	25911	0.12042	0.86406	27.66652	1438.57872
5560	5558	35	0.09193	10	3	3.00	1	3	24791	0.19347	0.82671	28.51128	2279.03663
5560	5562	35	0.08977	10	3	3.00	1	3	24018	0.18555	0.80091	29.02953	2156.09586
5560	5646	25	0.06705	10	5	1.00	1	3	996	0.16258	0.12094	24.74329	66.7818
5560	5844	25	0.14348	10	5	1.00	1	3	2414	0.35511	0.29319	24.24337	346.36072
5561	885	20	0.09611	3	10	3.00	0	3	3064	0.28934	0.01737	19.93077	294.48104
5561	5610	45	0.12542	10	3	3.00	3	3	24636	0.20450	0.82154	36.79604	3089.84712
5561	5612	45	0.13195	10	3	3.00	3	3	24271	0.21332	0.80935	37.11273	3202.55845
5562	136	25	0.06705	2	10	1.00	1	3	2015	0.16201	0.03427	24.82980	135.10575
5562	5560	35	0.08977	10	3	3.00	1	3	25447	0.19216	0.84858	28.03121	2284.37719
5562	5564	35	0.07654	10	3	3.00	1	3	23475	0.15639	0.78281	29.36476	1796.7765
5563	879	20	0.10091	3	10	3.00	0	3	748	0.30300	0.00424	19.98306	75.48068
5563	880	25	0.08951	3	10	1.00	0	3	1840	0.21618	0.03129	24.84455	164.6984
5563	5556	45	0.10911	10	3	3.00	0	3	32600	0.26325	1.08710	24.86799	3556.986
5563	5612	45	0.10312	10	3	3.00	0	3	31853	0.23404	1.06219	26.43487	3284.68136
5564	5562	35	0.07654	10	3	3.00	1	3	24804	0.16112	0.82714	28.50240	1898.49816
5564	5566	35	0.14358	10	3	3.00	1	3	23606	0.29415	0.78718	29.28582	3389.34948
5564	5642	25	0.17600	10	5	1.00	1	3	1068	0.42716	0.12974	24.72142	187.968
5564	5852	25	0.17850	10	5	1.00	1	3	1692	0.43683	0.20560	24.51774	302.022
5566	84	25	0.05271	2	10	1.00	1	3	2782	0.12770	0.04730	24.76569	146.63922
5566	250	25	0.07944	2	10	1.00	3	3	1800	0.19182	0.03061	24.84786	142.992
5566	5564	35	0.14358	10	3	3.00	1	3	24287	0.29855	0.80988	28.85491	3487.12746
5566	5568	35	0.08228	10	3	3.00	1	3	21745	0.16293	0.72512	30.30159	1789.1786
5568	5566	35	0.08228	10	3	3.00	3	3	22113	0.16393	0.73739	30.11759	1819.45764
5568	5570	35	0.10909	10	3	3.00	2	3	21125	0.21394	0.70445	30.59503	2304.52625
5568	5776	25	0.11147	10	5	1.00	1	3	1203	0.27101	0.14619	24.67958	134.09841
5570	5568	35	0.10909	10	3	3.00	3	3	22113	0.21733	0.73739	30.11759	2412.30717
5570	5572	45	0.15682	10	3	3.00	2	3	21220	0.23954	0.70761	39.28039	3327.7204
5570	5630	35	0.06885	10	4	3.00	3	3	17465	0.13063	0.61881	31.62543	1202.46525
5570	5774	35	0.15259	10	4	3.00	2	3	17059	0.28814	0.60440	31.77421	2603.03281

5572	256	25	0.10010	2	10	1.00	3	3	6386	0.24546	0.10860	24.46852	639.2386
5572	282	25	0.12863	2	10	1.00	2	3	655	0.30939	0.01114	24.94440	84.25265
5572	5570	45	0.15682	10	3	3.00	3	3	21909	0.24216	0.73060	38.85469	3435.76938
5572	5574	45	0.17784	10	3	3.00	2	3	19027	0.26383	0.63447	40.44408	3383.76168
5574	5572	45	0.17784	10	3	3.00	3	3	23309	0.28169	0.77729	37.88075	4145.27256
5574	5576	45	0.17595	10	3	3.00	2	3	21806	0.27124	0.72715	38.92067	3836.7657
5574	5626	40	0.09972	10	3	3.00	3	3	20191	0.16887	0.67331	35.43052	2013.44652
5574	5728	40	0.10341	10	3	3.00	2	3	17953	0.17055	0.59868	36.37893	1856.51973
5576	260	25	0.09825	2	10	1.00	3	3	2591	0.23788	0.04406	24.78163	254.56575
5576	287	25	0.09753	2	10	1.00	2	3	2729	0.23625	0.04641	24.77010	266.15937
5576	5574	45	0.17595	10	3	3.00	3	3	22245	0.27324	0.74179	38.63522	3914.00775
5576	5578	45	0.17028	10	3	3.00	2	3	19804	0.25502	0.66039	40.06154	3372.22512
5578	287	25	0.17027	2	10	1.00	2	3	1064	0.41013	0.01809	24.90986	181.16728
5578	5576	45	0.17028	10	3	3.00	2	3	22453	0.26540	0.74874	38.49475	3823.29684
5578	5580	45	0.24312	10	3	3.00	2	3	18081	0.35690	0.60293	40.87164	4395.85272
5578	5600	35	0.11368	10	5	1.00	3	3	3241	0.20417	0.39371	33.40606	368.43688
5580	5578	45	0.24312	10	3	3.00	3	3	20806	0.36910	0.69383	39.52069	5058.35472
5580	5582	45	0.15314	10	3	3.00	3	3	27602	0.27342	0.92043	33.60430	4226.97028
5580	5714	40	0.21421	10	3	3.00	2	3	12678	0.33845	0.42278	37.97500	2715.75438
5580	5950	40	0.03830	10	3	3.00	3	3	22517	0.06724	0.75088	34.17848	862.4011
5582	262	25	0.07184	2	10	1.00	3	3	842	0.17292	0.01433	24.92856	60.48928
5582	294	25	0.11441	2	10	1.00	2	3	2453	0.27687	0.04172	24.79314	280.64773
5582	5580	45	0.15314	10	3	3.00	3	3	28276	0.28105	0.94290	32.69166	4330.18664
5582	5584	45	0.24500	10	3	3.00	3	3	27681	0.43880	0.92308	33.50070	6781.845
5584	140	25	0.07799	2	10	1.00	1	3	3125	0.18916	0.05315	24.73705	243.71875
5584	296	25	0.15092	2	10	1.00	2	3	1287	0.36380	0.02189	24.89103	194.23404
5584	5582	45	0.24500	10	3	3.00	3	3	28438	0.45288	0.94832	32.45965	6967.31
5584	5586	45	0.11863	10	3	3.00	2	0	26671	0.20488	0.88940	34.74028	3163.98073
5586	5584	45	0.11863	10	3	3.00	2	0	26966	0.20693	0.89921	34.39586	3198.97658
5586	6011	45	0.15398	10	3	3.00	2	3	17068	0.22376	0.56915	41.28857	2628.13064
5588	141	25	0.07456	2	10	1.00	1	0	530	0.17926	0.00902	24.95499	39.5168
5590	268	25	0.13082	2	10	1.00	3	0	319	0.31432	0.00543	24.97290	41.73158
5592	5594	40	0.33098	10	4	2.00	3	0	4431	0.50807	0.23551	39.08678	1466.57238
5594	142	25	0.12059	2	10	1.00	3	3	1110	0.29051	0.01887	24.90600	133.8549
5594	268	25	0.22087	2	10	1.00	3	3	380	0.53077	0.00647	24.96770	83.9306
5594	5592	40	0.33098	10	4	2.00	3	0	3745	0.50585	0.19903	39.25842	1239.5201
5594	5596	40	0.20375	10	4	2.00	3	3	5286	0.31463	0.28095	38.85534	1077.0225
5596	267	25	0.10181	2	10	1.00	3	3	494	0.24474	0.00839	24.95810	50.29414
5596	5594	40	0.20375	10	4	2.00	3	3	4600	0.31312	0.24447	39.04276	937.25
5596	5598	40	0.12584	10	4	2.00	3	3	5637	0.19482	0.29958	38.75429	709.36008
5598	5596	40	0.12584	10	4	2.00	3	3	4950	0.19385	0.26309	38.94879	622.908
5598	5600	35	0.20699	10	5	1.00	3	3	2419	0.36595	0.29384	33.93759	500.70881
5598	5602	40	0.14226	10	3	3.00	3	3	25446	0.26642	0.84855	32.03652	3619.94796
5598	5950	40	0.11518	10	3	3.00	3	3	23300	0.20520	0.77697	33.67813	2683.694
5600	261	25	0.11276	2	10	1.00	3	3	1815	0.27230	0.03087	24.84661	204.6594
5600	5578	35	0.11368	10	5	1.00	3	3	3171	0.20387	0.38520	33.45596	360.47928
5600	5598	35	0.20699	10	5	1.00	3	3	2489	0.36640	0.30235	33.89654	515.19811
5601	5607	35	0.17168	10	5	1.00	0	3	1818	0.30064	0.22086	34.26249	312.11424
5601	5608	45	0.22983	10	3	3.00	3	3	24383	0.37252	0.81310	37.01680	5603.94489
5601	5610	45	0.17120	10	3	3.00	3	3	22710	0.26807	0.75730	38.31713	3887.952
5602	264	25	0.15844	2	10	1.00	3	3	2603	0.38363	0.04427	24.78058	412.41932
5602	887	20	0.14331	3	10	3.00	0	3	574	0.43021	0.00325	19.98700	82.25994
5602	5598	40	0.14226	10	3	3.00	3	3	25985	0.27053	0.86653	31.55011	3696.6261
5602	5604	40	0.27274	10	3	3.00	3	3	25720	0.51470	0.85768	31.79367	7014.8728
5603	3352	45	0.06696	10	4	2.00	0	3	4305	0.09129	0.22881	44.00907	288.2628
5603	5609	45	0.10301	10	4	2.00	0	3	4437	0.14056	0.23579	43.97107	457.05537
5604	5602	40	0.27274	10	3	3.00	3	3	26259	0.52299	0.87566	31.28985	7161.87966
5604	5606	40	0.04619	10	3	3.00	3	3	24482	0.08443	0.81640	32.82772	1130.82358

5604	5628	40	0.13374	10	4	2.00	3	3	3767	0.20443	0.20022	39.25298	503.79858
5605	890	20	0.14493	3	10	3.00	0	3	67	0.43482	0.00038	19.99849	9.71031
5605	891	20	0.11545	3	10	3.00	0	3	456	0.34652	0.00258	19.98967	52.6452
5605	5611	35	0.23971	10	5	1.00	0	3	797	0.41423	0.09687	34.72211	191.04887
5605	5623	35	0.18396	10	5	1.00	0	3	792	0.31786	0.09619	34.72435	145.69632
5606	263	25	0.15418	2	10	1.00	3	3	241	0.37034	0.00409	24.97955	37.15738
5606	5604	40	0.04619	10	3	3.00	3	3	25377	0.08635	0.84625	32.09642	1172.16363
5606	5608	40	0.16718	10	3	3.00	3	3	24244	0.30388	0.80844	33.00942	4053.11192
5607	5601	35	0.17168	10	5	1.00	0	3	1831	0.30070	0.22243	34.25598	314.34608
5607	5625	35	0.29920	10	5	1.00	0	3	1818	0.52395	0.22086	34.26249	543.9456
5608	5601	45	0.22983	10	3	3.00	3	3	22677	0.35967	0.75622	38.33982	5211.85491
5608	5606	40	0.16718	10	3	3.00	3	3	25140	0.31057	0.83834	32.29834	4202.9052
5608	25044	35	0.15319	10	4	2.00	3	3	2171	0.26519	0.11536	34.65981	332.57549
5609	890	20	0.14109	3	10	3.00	0	3	383	0.42346	0.00217	19.99131	54.03747
5609	5603	45	0.10301	10	4	2.00	0	3	4305	0.14044	0.22881	44.00907	443.45805
5609	5611	45	0.12927	10	4	2.00	0	3	4541	0.17651	0.24134	43.94051	587.01507
5610	884	20	0.08804	3	10	3.00	0	3	603	0.26431	0.00342	19.98634	53.08812
5610	5561	45	0.12542	10	3	3.00	3	3	22944	0.19724	0.76509	38.15062	2877.63648
5610	5601	45	0.17120	10	3	3.00	3	3	24403	0.27762	0.81375	37.00010	4177.7936
5611	893	20	0.16524	3	10	3.00	0	3	538	0.49601	0.00305	19.98780	88.89912
5611	5605	35	0.23971	10	5	1.00	0	3	818	0.41433	0.09935	34.71386	196.08278
5611	5609	45	0.12927	10	4	2.00	0	3	4408	0.17636	0.23425	43.97953	569.82216
5611	5613	45	0.09620	10	4	2.00	0	3	4059	0.13094	0.21573	44.07897	390.4758
5612	5561	45	0.13195	10	3	3.00	3	3	25954	0.22284	0.86547	35.52710	3424.6303
5612	5563	45	0.10312	10	3	3.00	0	3	30355	0.21085	1.01224	29.34263	3130.2076
5612	5619	45	0.09999	10	4	2.00	0	3	7415	0.13970	0.39410	42.94765	741.42585
5613	891	20	0.25134	3	10	3.00	0	3	595	0.75454	0.00337	19.98652	149.5473
5613	892	20	0.08241	3	10	3.00	0	3	437	0.24735	0.00248	19.99010	36.01317
5613	3348	45	0.14192	10	4	2.00	0	3	4775	0.19409	0.25377	43.87079	677.668
5613	5611	45	0.09620	10	4	2.00	0	3	3946	0.13085	0.20972	44.11048	379.6052
5614	270	25	0.10485	2	10	1.00	3	3	1558	0.25296	0.02649	24.86824	163.3563
5614	5557	45	0.18963	10	3	3.00	0	3	9422	0.26152	0.31418	43.50631	1786.69386
5614	8906	45	0.21410	10	3	3.00	3	3	8662	0.29419	0.28884	43.66466	1854.5342
5614	25041	35	0.13498	10	5	1.00	0	3	5407	0.25956	0.65680	31.20158	729.83686
5615	883	20	0.22655	3	10	3.00	0	3	1515	0.68081	0.00859	19.96571	343.22325
5615	3348	45	0.25857	10	4	2.00	0	3	4989	0.35417	0.26514	43.80549	1290.00573
5615	3349	40	0.11030	10	5	1.00	0	3	474	0.16617	0.05759	39.82646	52.2822
5615	5621	45	0.08354	10	4	2.00	0	3	6529	0.11580	0.34700	43.28852	545.43266
5616	253	25	0.07651	2	10	1.00	3	3	1622	0.18465	0.02758	24.86285	124.09922
5616	5618	40	0.18035	10	3	3.00	3	3	27119	0.35583	0.90431	30.41033	4890.91165
5616	8906	40	0.15428	10	3	4.00	3	3	36752	0.30945	0.91917	29.91409	5670.09856
5616	13976	35	0.11304	10	5	1.00	0	3	4688	0.21122	0.56954	32.10975	529.93152
5618	5616	40	0.18035	10	3	3.00	3	3	31311	0.44219	1.04411	24.47110	5646.93885
5618	5622	40	0.18271	10	3	3.00	3	3	17697	0.30056	0.59015	36.47471	3233.41887
5618	5634	35	0.13129	10	4	2.00	3	3	10884	0.24596	0.57843	32.02726	1428.96036
5618	15250	35	0.10915	10	4	2.00	3	3	1705	0.18850	0.09061	34.74276	186.10075
5619	880	20	0.07415	3	10	3.00	0	3	562	0.22260	0.00319	19.98726	41.6723
5619	885	20	0.16635	3	10	3.00	0	3	194	0.49915	0.00110	19.99560	32.2719
5619	5612	45	0.09999	10	4	2.00	0	3	7601	0.13994	0.40394	42.87186	760.02399
5619	5621	45	0.47275	10	4	2.00	0	3	7354	0.66008	0.39083	42.97253	3476.6035
5620	15250	35	0.12124	10	4	2.00	3	3	1023	0.20868	0.05435	34.85817	124.02852
5620	25043	35	0.11286	10	5	1.00	0	3	2134	0.19860	0.25918	34.09769	240.84324
5620	25044	35	0.11611	10	4	2.00	3	3	1814	0.20064	0.09642	34.72361	210.62354
5621	881	20	0.23051	3	10	3.00	0	3	1678	0.69285	0.00951	19.96202	386.79578
5621	5615	45	0.08354	10	4	2.00	0	3	6331	0.11561	0.33648	43.35999	528.89174
5621	5619	45	0.47275	10	4	2.00	0	3	7552	0.66132	0.40135	42.89202	3570.208
5622	257	25	0.11802	2	10	1.00	3	3	29	0.28329	0.00049	24.99753	3.42258
5622	259	25	0.05814	2	10	1.00	3	3	3689	0.14128	0.06275	24.69016	214.47846

5622	5618	40	0.18271	10	3	3.00	3	3	21205	0.31391	0.70711	34.92385	3874.36555
5622	5624	40	0.13531	10	3	3.00	3	3	17614	0.22240	0.58736	36.50556	2383.35034
5623	889	20	0.05952	3	10	3.00	0	3	417	0.17865	0.00236	19.99055	24.81984
5623	5605	35	0.18396	10	5	1.00	0	3	779	0.31781	0.09463	34.72954	143.30484
5623	5625	35	0.20702	10	5	1.00	0	3	917	0.35824	0.11134	34.67353	189.83734
5624	5622	40	0.13531	10	3	3.00	3	3	21121	0.23218	0.70433	34.96764	2857.88251
5624	5626	40	0.18376	10	3	3.00	3	3	19055	0.30679	0.63542	35.93838	3501.5468
5624	5628	40	0.18370	10	4	2.00	3	3	3824	0.28089	0.20324	39.23920	702.4688
5624	5640	40	0.15133	10	4	2.00	3	3	6064	0.23507	0.32228	38.62576	917.66512
5625	886	20	0.05279	3	10	3.00	0	3	1430	0.15864	0.00811	19.96762	75.4897
5625	5607	35	0.29920	10	5	1.00	0	3	1831	0.52405	0.22243	34.25598	547.8352
5625	5623	35	0.20702	10	5	1.00	0	3	904	0.35818	0.10977	34.67886	187.14608
5626	256	25	0.18182	2	10	1.00	3	3	201	0.43666	0.00341	24.98294	36.54582
5626	260	25	0.14006	2	10	1.00	3	3	3628	0.34029	0.06169	24.69529	508.13768
5626	5574	40	0.09972	10	3	3.00	3	3	21480	0.17205	0.71627	34.77665	2141.9856
5626	5624	40	0.18376	10	3	3.00	3	3	21772	0.31852	0.72604	34.61485	4000.82272
5628	263	25	0.15865	2	10	1.00	3	3	413	0.38130	0.00702	24.96496	65.52245
5628	5604	40	0.13374	10	4	2.00	3	3	3411	0.20399	0.18131	39.33766	456.18714
5628	5624	40	0.18370	10	4	2.00	3	3	4185	0.28153	0.22242	39.14973	768.7845
5630	250	25	0.16269	2	10	1.00	3	3	2277	0.39348	0.03873	24.80785	370.44513
5630	256	25	0.14477	2	10	1.00	3	3	6043	0.35458	0.10277	24.49652	874.84511
5630	5570	35	0.06885	10	4	3.00	3	3	16569	0.12932	0.58704	31.94543	1140.77565
5630	5632	35	0.20317	10	4	3.00	3	3	11563	0.36596	0.40969	33.30968	2349.25471
5632	5630	35	0.20317	10	4	3.00	3	3	11484	0.36578	0.40689	33.32682	2333.20428
5632	5634	35	0.14195	10	4	2.00	3	3	10097	0.26288	0.53661	32.39854	1433.26915
5632	5638	40	0.14149	10	4	2.00	3	3	11757	0.23536	0.62485	36.07001	1663.49793
5632	5640	40	0.14545	10	4	2.00	3	3	12183	0.24389	0.64748	35.78305	1772.01735
5634	257	25	0.11674	2	10	1.00	3	3	1571	0.28168	0.02671	24.86714	183.39854
5634	5618	35	0.13129	10	4	2.00	3	3	11506	0.24848	0.61150	31.70171	1510.62274
5634	5632	35	0.14195	10	4	2.00	3	3	9335	0.26029	0.49612	32.72093	1325.10325
5636	139	25	0.08716	2	10	1.00	1	3	1352	0.21014	0.02299	24.88559	117.84032
5636	5638	40	0.15272	10	4	2.00	3	3	12050	0.25542	0.64041	35.87474	1840.276
5636	8914	40	0.29518	10	4	2.00	1	3	11935	0.49261	0.63430	35.95248	3522.9733
5638	251	25	0.08464	2	10	1.00	3	3	2500	0.20487	0.04252	24.78918	211.6
5638	5632	40	0.14149	10	4	2.00	3	3	12232	0.23747	0.65007	35.74889	1730.70568
5638	5636	40	0.15272	10	4	2.00	3	3	11575	0.25322	0.61519	36.18679	1767.734
5640	256	25	0.17233	2	10	1.00	3	3	7412	0.42401	0.12605	24.38524	1277.30996
5640	257	25	0.08739	2	10	1.00	3	3	1573	0.21085	0.02674	24.86699	137.46447
5640	5624	40	0.15133	10	4	2.00	3	3	6493	0.23589	0.34509	38.49031	982.58569
5640	5632	40	0.14545	10	4	2.00	3	3	12391	0.24490	0.65855	35.63540	1802.27095
5642	139	25	0.07317	2	10	1.00	1	3	717	0.17605	0.01220	24.93916	52.46289
5642	5564	25	0.17600	10	5	1.00	1	3	1209	0.42791	0.14683	24.67793	212.784
5642	5644	30	0.13375	10	5	1.00	1	3	1574	0.27231	0.19125	29.47013	210.5225
5644	1294	25	0.12133	2	10	1.00	1	3	198	0.29139	0.00336	24.98321	24.02334
5644	5642	30	0.13375	10	5	1.00	1	3	1768	0.27306	0.21475	29.38941	236.47
5644	5646	30	0.15378	10	5	1.00	1	3	1279	0.31185	0.15532	29.58698	196.68462
5644	8916	30	0.17770	10	5	1.00	1	3	1644	0.36215	0.19969	29.44157	292.1388
5646	135	25	0.09258	2	10	1.00	1	3	23	0.22221	0.00039	24.99806	2.12934
5646	136	25	0.08977	2	10	1.00	1	3	547	0.21586	0.00930	24.95360	49.10419
5646	5560	25	0.06705	10	5	1.00	1	3	760	0.16213	0.09233	24.81222	50.958
5646	5644	30	0.15378	10	5	1.00	1	3	1416	0.31241	0.17196	29.53382	217.75248
5648	212	25	0.07625	2	10	1.00	4	3	164	0.18310	0.00279	24.98606	12.505
5648	221	25	0.07684	2	10	1.00	4	3	1759	0.18553	0.02992	24.85128	135.16156
5648	5650	45	0.27108	10	3	3.00	4	3	31263	0.58880	1.04252	27.62395	8474.77404
5648	8748	45	0.07437	10	3	3.00	4	3	28965	0.14088	0.96588	31.67317	2154.12705
5650	211	25	0.10824	2	10	1.00	4	3	7706	0.26659	0.13106	24.36143	834.09744
5650	1230	25	0.17834	2	10	1.00	4	3	4041	0.43390	0.06872	24.66106	720.67194
5650	5648	45	0.27108	10	3	3.00	4	3	29189	0.51928	0.97337	31.32227	7912.55412

5650	5651	45	0.18906	10	3	3.00	4	3	31924	0.43149	1.06456	26.28885	6035.55144
5651	5650	45	0.18906	10	3	3.00	4	3	29850	0.37520	0.99540	30.23234	5643.441
5651	5652	45	0.02496	10	3	3.00	4	3	31924	0.05696	1.06456	26.28885	796.82304
5652	5554	35	0.21258	10	6	2.00	4	3	8616	0.38002	0.36632	33.56342	1831.58928
5652	5651	45	0.02496	10	3	3.00	4	3	29850	0.04953	0.99540	30.23234	745.056
5652	5653	45	0.03519	10	3	3.00	4	3	27481	0.06254	0.91638	33.76043	967.05639
5653	5652	45	0.03519	10	3	3.00	4	3	24087	0.05666	0.80322	37.26653	847.62153
5653	5655	45	0.11154	10	3	3.00	4	3	27481	0.19823	0.91638	33.76043	3065.23074
5653	5659	25	0.03000	10	6	1.00	4	0	12011	0.11233	1.02134	16.02311	360.33
5654	5655	35	0.04326	10	6	1.00	4	3	12793	0.13448	1.08787	19.30346	553.42518
5654	5657	35	0.07908	10	6	1.00	4	3	4032	0.14083	0.34284	33.69097	318.85056
5655	3459	45	0.14923	10	3	3.00	4	3	30536	0.30863	1.01827	29.01215	4556.88728
5655	5653	45	0.11154	10	3	3.00	4	3	36098	0.37938	1.20374	17.64004	4026.37092
5655	5654	35	0.04326	10	6	1.00	4	3	4032	0.07705	0.34284	33.69097	174.42432
5655	5656	35	0.13791	10	6	1.00	4	0	2493	0.24125	0.21198	34.29897	343.80963
5656	25169	63	0.02821	10	1	3.00	4	0	59811	0.03373	0.84766	50.18114	1687.26831
5657	5656	63	0.21178	10	1	3.00	4	0	57318	0.24669	0.81233	51.50808	12138.80604
5658	5652	35	0.13228	10	6	1.00	4	3	9936	0.28229	0.84487	28.11558	1314.33408
5658	5659	63	0.10065	10	1	3.00	4	0	48671	0.10965	0.68979	55.07182	4898.73615
5659	5554	63	0.23154	10	1	3.00	4	0	60682	0.27965	0.86001	49.67764	14050.31028
5660	328	25	0.22084	2	10	1.00	1	3	4122	0.53745	0.07011	24.65431	910.30248
5660	5663	40	0.17742	10	3	2.00	1	3	21136	0.44790	1.05724	23.76774	3749.94912
5660	6003	40	0.06367	10	3	2.00	6	3	6262	0.09878	0.31325	38.67761	398.70154
5660	9079	45	0.24798	10	3	2.00	6	3	19187	0.46564	0.95975	31.95365	4757.99226
5661	3470	45	0.10761	11	3	3.00	0	0	13774	0.15224	0.45933	42.41130	1482.22014
5662	8752	45	0.12310	10	3	3.00	4	3	27438	0.21842	0.91497	33.81427	3377.6178
5662	8754	45	0.19593	10	3	3.00	4	3	26656	0.33822	0.88889	34.75774	5222.71008
5662	8884	30	0.05046	10	5	1.00	4	3	3226	0.10570	0.39189	28.64299	162.78396
5663	5660	40	0.17742	10	3	2.00	1	3	21067	0.44437	1.05376	23.95610	3737.70714
5663	9089	40	0.08447	10	3	2.00	1	3	21136	0.21324	1.05724	23.76774	1785.35792
5664	95	25	0.11480	2	10	1.00	1	3	2628	0.27799	0.04469	24.77855	301.6944
5664	96	25	0.03983	2	10	1.00	1	3	1917	0.09621	0.03260	24.83805	76.35411
5664	5666	40	0.13585	10	3	3.00	1	3	23971	0.24543	0.79936	33.21024	3256.46035
5664	8934	40	0.22011	10	3	2.00	1	3	21853	0.60685	1.09311	21.76233	4810.06383
5666	5664	40	0.13585	10	3	3.00	1	3	23667	0.24384	0.78923	33.42663	3215.16195
5666	5668	40	0.11856	10	3	3.00	1	3	32135	0.30958	1.07159	22.97810	3809.9256
5666	5764	40	0.07841	10	3	2.00	1	3	17313	0.14904	0.86598	31.56550	1357.51233
5666	5864	40	0.14736	10	3	2.00	1	3	20470	0.34660	1.02390	25.50976	3016.4592
5668	108	25	0.03900	2	10	1.00	1	3	1313	0.09402	0.02233	24.88886	51.207
5668	5666	40	0.11856	10	3	3.00	1	3	32245	0.31236	1.07525	22.77380	3822.9672
5668	5670	40	0.07275	10	3	3.00	1	3	32129	0.18987	1.07138	22.98989	2337.38475
5670	105	25	0.23242	2	10	1.00	1	3	421	0.55860	0.00715	24.96429	97.84882
5670	109	25	0.30678	2	10	1.00	1	3	242	0.73688	0.00411	24.97948	74.24076
5670	5668	40	0.07275	10	3	3.00	1	3	32173	0.19055	1.07285	22.90793	2340.58575
5670	5672	40	0.29643	10	3	3.00	1	3	31886	0.75883	1.06328	23.43803	9451.96698
5671	110	25	0.10410	2	10	1.00	1	3	941	0.25064	0.01601	24.92023	97.9581
5671	5672	25	0.16083	10	5	1.00	1	3	1418	0.39209	0.17224	24.61076	228.05694
5671	5673	25	0.08666	10	5	1.00	1	3	1272	0.21087	0.15454	24.65788	110.23152
5672	5670	40	0.29643	10	3	3.00	1	3	31932	0.76158	1.06482	23.35343	9465.60276
5672	5671	25	0.16083	10	5	1.00	1	3	1397	0.39198	0.16972	24.61757	224.67951
5672	5951	30	0.11606	10	5	1.00	1	3	3223	0.24310	0.39147	28.64513	374.06138
5672	10903	40	0.25324	10	3	3.00	1	0	34529	0.82429	1.15142	18.43368	8744.12396
5673	5671	25	0.08666	10	5	1.00	1	3	1293	0.21092	0.15706	24.65125	112.05138
5673	5677	25	0.15881	10	5	1.00	1	3	672	0.38365	0.08162	24.83716	106.72032
5673	5839	25	0.24280	10	5	1.00	1	3	600	0.58608	0.07292	24.85711	145.68
5674	5675	63	0.25736	10	1	3.00	1	0	87618	0.65913	1.24175	23.42731	22549.36848
5674	5931	30	0.23199	10	6	2.00	1	3	16155	0.52673	0.68687	26.42533	3747.79845
5674	7140	65	0.02705	2	9	1.00	0	0	0	0.02496	0.00000	65.03497	0

5675	5676	63	0.25991	10	1	3.00	1	0	90714	0.75280	1.28562	20.71507	23577.47574
5676	13887	63	0.08812	23	1	4.00	901	0	104609	0.15765	1.11192	33.53802	9218.14508
5677	111	25	0.07187	2	10	1.00	1	3	807	0.17297	0.01372	24.93159	57.99909
5677	5673	25	0.15881	10	5	1.00	1	3	621	0.38343	0.07538	24.85149	98.62101
5677	5678	25	0.15292	10	5	1.00	1	3	975	0.37072	0.11848	24.74936	149.097
5678	5677	25	0.15292	10	5	1.00	1	3	924	0.37049	0.11224	24.76461	141.29808
5678	5679	25	0.11185	10	5	1.00	1	3	1377	0.27254	0.16728	24.62411	154.01745
5678	5681	25	0.13108	10	5	1.00	1	3	1129	0.31838	0.13713	24.70276	147.98932
5679	1298	25	0.07411	2	10	1.00	1	3	356	0.17807	0.00606	24.96972	26.38316
5679	5678	25	0.11185	10	5	1.00	1	3	1311	0.27231	0.15924	24.64551	146.63535
5679	5760	25	0.19845	10	5	1.00	1	3	1594	0.48499	0.19361	24.55182	316.3293
5680	5682	45	0.19018	10	3	3.00	2	0	19610	0.28413	0.65391	40.15999	3729.4298
5680	6011	45	0.15407	10	3	3.00	2	3	15945	0.22165	0.53172	41.70762	2456.64615
5680	9564	35	0.01705	10	5	1.00	3	3	3382	0.03071	0.41080	33.30289	57.6631
5680	9570	35	0.01155	10	5	1.00	3	0	1310	0.02009	0.15912	34.50415	15.1305
5681	5678	25	0.13108	10	5	1.00	1	3	1144	0.31844	0.13894	24.69817	149.95552
5681	5683	25	0.29881	10	5	1.00	1	3	1129	0.72578	0.13713	24.70276	337.35649
5682	5680	45	0.19018	10	3	3.00	2	0	18999	0.28204	0.63355	40.45717	3613.22982
5682	5684	45	0.18731	10	3	3.00	2	0	19257	0.27864	0.64217	40.33358	3607.02867
5682	5702	40	0.09186	10	3	2.00	2	0	10281	0.14801	0.51423	37.23526	944.41266
5682	5740	40	0.20772	10	3	2.00	2	0	11614	0.34076	0.58092	36.57581	2412.46008
5683	113	25	0.17314	2	10	1.00	1	3	1388	0.41749	0.02360	24.88257	240.31832
5683	5681	25	0.29881	10	5	1.00	1	3	1144	0.72591	0.13894	24.69817	341.83864
5683	5685	25	0.13283	10	5	1.00	1	3	356	0.31977	0.04325	24.92295	47.28748
5684	305	25	0.06728	2	10	1.00	2	3	2507	0.16285	0.04263	24.78865	168.67096
5684	5682	45	0.18731	10	3	3.00	2	0	19074	0.27804	0.63606	40.42152	3572.75094
5684	5686	45	0.13024	10	3	3.00	2	3	19098	0.19337	0.63685	40.41029	2487.32352
5685	5683	25	0.13283	10	5	1.00	1	3	358	0.31978	0.04354	24.92234	47.55314
5685	5687	25	0.35117	10	5	1.00	1	3	356	0.84541	0.04325	24.92295	125.01652
5685	5759	25	0.17623	10	5	1.00	1	3	0	0.42272	0.00000	25.01345	0
5686	5684	45	0.13024	10	3	3.00	2	3	18907	0.19294	0.63048	40.50039	2462.44768
5686	5688	45	0.07275	10	3	3.00	2	3	19098	0.10802	0.63685	40.41029	1389.3795
5687	5685	25	0.35117	10	5	1.00	1	3	358	0.84543	0.04354	24.92234	125.71886
5687	5689	25	0.21646	10	5	1.00	1	3	648	0.52278	0.07875	24.84377	140.26608
5687	5823	25	0.17284	10	5	1.00	1	3	286	0.41579	0.03471	24.94133	49.43224
5688	5686	45	0.07275	10	3	3.00	2	3	18907	0.10778	0.63048	40.50039	1375.48425
5688	5690	45	0.08033	10	3	3.00	2	3	27913	0.14520	0.93080	33.19315	2242.25129
5688	5705	40	0.16832	10	4	1.00	2	3	7130	0.29661	0.75792	34.04800	1200.1216
5688	5726	40	0.12822	10	3	2.00	2	3	16696	0.23760	0.83513	32.37853	2140.76112
5689	115	25	0.11036	2	10	1.00	1	3	186	0.26504	0.00316	24.98421	20.52696
5689	5687	25	0.21646	10	5	1.00	1	3	609	0.52255	0.07395	24.85476	131.82414
5689	5824	20	0.13375	10	5	1.00	1	3	844	0.40467	0.10249	19.83050	112.885
5690	304	25	0.08788	2	10	1.00	2	3	422	0.21121	0.00718	24.96416	37.08536
5690	5688	45	0.08033	10	3	3.00	2	3	27542	0.14309	0.91845	33.68104	2212.44886
5690	5692	45	0.22805	9	3	3.00	100	3	27957	0.41297	0.93228	33.13298	6375.59385
5692	125	25	0.30468	1	10	1.00	100	0	326	0.73205	0.00554	24.97234	99.32568
5692	5690	45	0.22805	9	3	3.00	100	3	27585	0.40692	0.91988	33.62569	6290.75925
5692	5694	45	0.16080	9	3	3.00	100	3	27773	0.28903	0.92614	33.37991	4465.8984
5694	309	25	0.06432	2	10	1.00	2	3	247	0.15450	0.00420	24.97901	15.88704
5694	5692	45	0.16080	9	3	3.00	100	3	27402	0.28493	0.91375	33.86058	4406.2416
5694	5696	45	0.13543	9	3	3.00	100	3	27719	0.24292	0.92433	33.45171	3753.98417
5696	5694	45	0.13543	9	3	3.00	100	3	27347	0.23950	0.91194	33.92900	3703.60421
5696	5698	45	0.27524	9	3	3.00	100	0	26751	0.47662	0.89206	34.64824	7362.94524
5696	5712	40	0.18445	10	5	1.00	2	0	3438	0.29115	0.41766	38.01183	634.1391
5696	5742	40	0.38152	9	4	1.00	100	0	6956	0.66572	0.73936	34.38553	2653.85312
5698	5696	45	0.27524	9	3	3.00	100	0	26493	0.47261	0.88345	34.94277	7291.93332
5701	306	25	0.14301	2	10	1.00	2	3	520	0.34384	0.00885	24.95582	74.3652
5701	5703	35	0.17604	10	5	1.00	2	3	370	0.30276	0.04496	34.88696	65.1348

5701	5704	35	0.16579	10	5	1.00	2	3	896	0.28681	0.10886	34.68194	148.54784
5702	305	25	0.16686	2	10	1.00	2	0	185	0.40072	0.00315	24.98428	30.8691
5702	5682	40	0.09186	10	3	2.00	2	0	10411	0.14825	0.52075	37.17578	956.35446
5702	5704	40	0.06310	10	3	2.00	2	0	10442	0.10187	0.52229	37.16166	658.8902
5703	306	25	0.08804	2	10	1.00	2	3	266	0.21149	0.00452	24.97740	23.41864
5703	307	25	0.12663	2	10	1.00	2	3	365	0.30429	0.00622	24.96896	46.21995
5703	5701	35	0.17604	10	5	1.00	2	3	374	0.30277	0.04540	34.88560	65.83896
5703	5705	35	0.09082	10	5	1.00	2	3	413	0.15627	0.05014	34.87113	37.50866
5704	616	20	0.03096	1	10	3.00	100	0	2120	0.09311	0.01202	19.95204	65.6352
5704	3364	40	0.38466	10	4	2.00	2	0	8122	0.60880	0.43164	37.91024	3124.20852
5704	5701	35	0.16579	10	5	1.00	2	3	891	0.28679	0.10818	34.68425	147.71889
5704	5702	40	0.06310	10	3	2.00	2	0	10580	0.10205	0.52919	37.09736	667.598
5705	308	25	0.30354	2	10	1.00	2	3	575	0.72992	0.00978	24.95120	174.5355
5705	5688	40	0.16832	10	4	1.00	2	3	7098	0.29605	0.75445	34.11278	1194.73536
5705	5703	35	0.09082	10	5	1.00	2	3	417	0.15628	0.05067	34.86949	37.87194
5705	5706	40	0.13715	10	4	1.00	2	3	6498	0.23393	0.69069	35.17678	891.2007
5706	307	25	0.09852	2	10	1.00	2	3	146	0.23655	0.00248	24.98763	14.38392
5706	5705	40	0.13715	10	4	1.00	2	3	6470	0.23363	0.68769	35.22164	887.3605
5706	5708	40	0.07990	10	4	1.00	2	3	6630	0.13712	0.70472	34.96148	529.737
5708	5706	40	0.07990	10	4	1.00	2	3	6603	0.13694	0.70185	35.00639	527.5797
5708	5710	40	0.33606	10	5	1.00	2	3	2766	0.52312	0.33604	38.54482	929.54196
5708	9560	40	0.13206	10	4	1.00	2	3	8630	0.26433	0.91735	29.97618	1139.6778
5710	310	25	0.14042	2	10	1.00	2	3	413	0.33748	0.00703	24.96490	57.99346
5710	5708	40	0.33606	10	5	1.00	2	3	2671	0.52220	0.32450	38.61284	897.61626
5710	5712	40	0.25884	10	5	1.00	2	0	2662	0.40214	0.32337	38.61943	689.03208
5712	311	25	0.07167	2	10	1.00	2	0	132	0.17209	0.00225	24.98875	9.46044
5712	312	25	0.33594	2	10	1.00	2	0	908	0.80874	0.01545	24.92301	305.03352
5712	5696	40	0.18445	10	5	1.00	2	0	3533	0.29179	0.42920	37.92824	651.66185
5712	5710	40	0.25884	10	5	1.00	2	0	2567	0.40145	0.31183	38.68567	664.44228
5714	5580	40	0.21421	10	3	3.00	2	3	13366	0.33998	0.44571	37.80464	2863.13086
5714	5716	40	0.20176	10	3	2.00	2	3	10336	0.32534	0.51700	37.21013	2085.39136
5714	9562	35	0.02292	10	5	1.00	3	3	1507	0.03996	0.18312	34.41345	34.54044
5714	9563	35	0.02111	10	5	1.00	3	3	2978	0.03771	0.36171	33.58894	62.86558
5716	290	25	0.09375	2	10	1.00	2	3	126	0.22510	0.00214	24.98933	11.8125
5716	298	25	0.22804	2	10	1.00	2	3	645	0.54849	0.01097	24.94528	147.0858
5716	5714	40	0.20176	10	3	2.00	2	3	10982	0.32804	0.54930	36.90319	2215.72832
5716	5718	40	0.09191	10	3	2.00	2	3	10029	0.14766	0.50167	37.34703	921.76539
5718	5716	40	0.09191	10	3	2.00	2	3	10657	0.14880	0.53306	37.06077	979.48487
5718	5720	40	0.13413	10	3	2.00	2	3	18534	0.27152	0.92705	29.63897	2485.96542
5718	5736	40	0.13367	10	3	2.00	2	3	16886	0.24955	0.84462	32.13841	2257.15162
5718	5738	40	0.12259	10	3	2.00	2	3	10396	0.19781	0.51999	37.18277	1274.44564
5720	5718	40	0.13413	10	3	2.00	2	3	19005	0.27978	0.95061	28.76434	2549.14065
5720	5722	40	0.17726	10	3	2.00	2	3	16242	0.32308	0.81243	32.91904	2879.05692
5720	5816	30	0.14740	10	5	1.00	2	3	3237	0.30883	0.39320	28.63637	477.1338
5722	299	25	0.32974	2	10	1.00	2	3	247	0.79203	0.00421	24.97899	81.44578
5722	300	25	0.05279	2	10	1.00	2	3	515	0.12693	0.00875	24.95632	27.18685
5722	301	25	0.13224	2	10	1.00	2	3	237	0.31762	0.00404	24.97984	31.34088
5722	5720	40	0.17726	10	3	2.00	2	3	16169	0.32227	0.80876	33.00235	2866.11694
5722	5724	40	0.14076	10	3	2.00	2	3	15799	0.25282	0.79028	33.40471	2223.86724
5724	5722	40	0.14076	10	3	2.00	2	3	15802	0.25285	0.79043	33.40154	2224.28952
5724	5726	40	0.17282	10	3	2.00	2	3	17213	0.32707	0.86100	31.70319	2974.75066
5724	5812	25	0.16652	10	5	1.00	2	3	2188	0.41057	0.26584	24.33415	364.34576
5726	302	25	0.15229	2	10	1.00	2	3	234	0.36579	0.00398	24.98011	35.63586
5726	303	25	0.08860	2	10	1.00	2	3	82	0.21269	0.00140	24.99302	7.2652
5726	304	25	0.09073	2	10	1.00	2	3	304	0.21798	0.00517	24.97419	27.58192
5726	5688	40	0.12822	10	3	2.00	2	3	16908	0.23959	0.84574	32.10966	2167.94376
5726	5724	40	0.17282	10	3	2.00	2	3	17003	0.32418	0.85047	31.98631	2938.45846
5728	287	25	0.20307	2	10	1.00	2	3	30	0.48742	0.00052	24.99742	6.0921

5728	5574	40	0.10341	10	3	3.00	2	3	20508	0.17588	0.68388	35.27787	2120.73228
5728	5730	40	0.14635	10	3	2.00	2	3	17992	0.28742	0.89994	30.55084	2633.1292
5728	5780	30	0.09678	10	5	1.00	2	3	1602	0.19713	0.19463	29.45876	155.04156
5730	283	25	0.08384	2	10	1.00	2	3	980	0.20187	0.01667	24.91694	82.1632
5730	5728	40	0.14635	10	3	2.00	2	3	18457	0.29492	0.92322	29.77359	2701.18195
5730	5732	40	0.15968	10	3	2.00	2	3	17275	0.30302	0.86409	31.61792	2758.472
5732	288	25	0.09670	2	10	1.00	2	3	876	0.23277	0.01489	24.92575	84.7092
5732	5730	40	0.15968	10	3	2.00	2	3	17740	0.30964	0.88737	30.94210	2832.7232
5732	5734	40	0.19760	10	3	2.00	2	3	16791	0.36751	0.83986	32.25996	3317.9016
5734	291	25	0.13343	2	10	1.00	2	3	355	0.32061	0.00604	24.96986	47.36765
5734	5732	40	0.19760	10	3	2.00	2	3	17256	0.37466	0.86314	31.64440	3409.7856
5734	5736	40	0.12719	10	3	2.00	2	3	16615	0.23497	0.83110	32.47783	2113.26185
5736	290	25	0.07633	2	10	1.00	2	3	101	0.18324	0.00172	24.99140	7.70933
5736	292	25	0.12502	2	10	1.00	2	3	280	0.30034	0.00476	24.97623	35.0056
5736	5718	40	0.13367	10	3	2.00	2	3	16413	0.24512	0.82100	32.72039	2193.92571
5736	5734	40	0.12719	10	3	2.00	2	3	17079	0.23934	0.85428	31.88511	2172.27801
5738	300	25	0.24729	2	10	1.00	2	3	112	0.59372	0.00190	24.99050	27.69648
5738	5718	40	0.12259	10	3	2.00	2	3	11024	0.19942	0.55144	36.88187	1351.43216
5738	5740	40	0.18839	10	3	2.00	2	3	10500	0.30439	0.52519	37.13478	1978.095
5740	298	25	0.12022	2	10	1.00	2	3	564	0.28909	0.00960	24.95211	67.80408
5740	299	25	0.15714	2	10	1.00	2	3	949	0.37836	0.01613	24.91959	149.12586
5740	5682	40	0.20772	10	3	2.00	2	0	11056	0.33807	0.55302	36.86615	2296.55232
5740	5738	40	0.18839	10	3	2.00	2	3	11130	0.30692	0.55673	36.82880	2096.7807
5742	5696	40	0.38152	9	4	1.00	100	0	6748	0.65852	0.71721	34.76139	2574.49696
5742	5744	40	0.40841	10	4	1.00	2	0	6917	0.71117	0.73526	34.45710	2824.97197
5744	120	25	0.15757	1	10	1.00	100	3	600	0.37895	0.01020	24.94912	94.542
5744	121	25	0.13327	2	10	1.00	1	3	0	0.31985	0.00000	25.00000	0
5744	5742	40	0.40841	10	4	1.00	2	0	6713	0.70375	0.71358	34.82033	2741.65633
5744	5746	40	0.25253	10	4	1.00	1	3	7626	0.45968	0.81058	32.96114	1925.79378
5744	6009	40	0.19118	10	4	1.00	2	3	557	0.28806	0.05920	39.82072	106.48726
5746	5744	40	0.25253	10	4	1.00	1	3	7414	0.45294	0.78804	33.45151	1872.25742
5746	5748	40	0.12412	10	3	1.00	1	3	10399	0.30188	1.04031	24.67050	1290.72388
5746	5824	35	0.12777	10	3	1.00	1	3	13482	0.85170	1.34878	9.00072	1722.59514
5748	117	25	0.04633	2	10	1.00	1	3	403	0.11133	0.00685	24.96580	18.67099
5748	5746	40	0.12412	10	3	1.00	1	3	10459	0.30581	1.04633	24.35363	1298.17108
5748	5750	40	0.25258	10	3	1.00	1	3	10526	0.63161	1.05306	23.99404	2658.65708
5750	5748	40	0.25258	10	3	1.00	1	3	10587	0.64032	1.05908	23.66797	2674.06446
5750	5752	40	0.26736	10	3	2.00	1	3	12265	0.44306	0.61352	36.20660	3279.1704
5750	5820	30	0.03946	10	5	1.00	1	3	3593	0.08335	0.43652	28.40548	141.77978
5750	5822	25	0.14621	10	5	1.00	1	3	802	0.35374	0.09745	24.80012	117.26042
5752	114	25	0.22128	2	10	1.00	1	3	1409	0.53362	0.02396	24.88077	311.78352
5752	5750	40	0.26736	10	3	2.00	1	3	12537	0.44508	0.62709	36.04245	3351.89232
5752	5754	40	0.15461	10	3	2.00	1	3	13675	0.26298	0.68401	35.27600	2114.29175
5754	5752	40	0.15461	10	3	2.00	1	3	13946	0.26450	0.69756	35.07261	2156.19106
5754	5756	40	0.11484	10	3	2.00	1	3	14911	0.20107	0.74585	34.26988	1712.37924
5754	5766	35	0.26980	10	4	2.00	1	3	18184	0.65763	0.96642	24.61538	4906.0432
5756	5754	40	0.11484	10	3	2.00	1	3	15758	0.20601	0.78820	33.44818	1809.64872
5756	5757	25	0.11877	10	5	1.00	1	3	1238	0.28888	0.15042	24.66863	147.03726
5756	22227	40	0.09733	10	3	2.00	1	3	13813	0.16603	0.69092	35.17338	1344.41929
5757	5756	25	0.11877	10	5	1.00	1	3	1226	0.28884	0.14889	24.67259	145.61202
5757	5759	25	0.41705	10	5	1.00	1	3	1238	1.01435	0.15042	24.66863	516.3079
5758	5760	40	0.17785	10	3	2.00	1	3	13881	0.30383	0.69432	35.12206	2468.73585
5758	22227	40	0.09403	10	3	2.00	1	3	14112	0.16145	0.70586	34.94350	1326.95136
5758	22228	25	0.01526	10	5	1.00	1	3	1022	0.03702	0.12410	24.73549	15.59572
5759	113	25	0.13622	2	10	1.00	1	3	1238	0.32829	0.02106	24.89515	168.64036
5759	5685	25	0.17623	10	5	1.00	1	3	0	0.42272	0.00000	25.01345	0
5759	5757	25	0.41705	10	5	1.00	1	3	1226	1.01419	0.14889	24.67259	511.3033
5760	5679	25	0.19845	10	5	1.00	1	3	1528	0.48454	0.18557	24.57427	303.2316

5760	5758	40	0.17785	10	3	2.00	1	3	14735	0.30997	0.73705	34.42590	2620.61975
5760	5762	40	0.15895	10	3	2.00	1	3	14957	0.27863	0.74813	34.22867	2377.41515
5762	5760	40	0.15895	10	3	2.00	1	3	15745	0.28502	0.78756	33.46166	2502.66775
5762	5764	40	0.17415	10	3	2.00	1	3	16295	0.31801	0.81508	32.85835	2837.77425
5762	5834	30	0.13791	10	5	1.00	1	3	4752	0.30130	0.57721	27.46177	655.34832
5762	5836	30	0.04413	10	5	1.00	1	3	1112	0.08930	0.13512	29.64944	49.07256
5764	97	25	0.10917	2	10	1.00	1	3	713	0.26264	0.01212	24.93955	77.83821
5764	108	25	0.11802	2	10	1.00	1	3	343	0.28359	0.00584	24.97083	40.48086
5764	5666	40	0.07841	10	3	2.00	1	3	16200	0.14271	0.81035	32.96640	1270.242
5764	5762	40	0.17415	10	3	2.00	1	3	17342	0.33146	0.86743	31.52489	3020.1093
5766	5754	35	0.26980	10	4	2.00	1	3	17608	0.63092	0.93582	25.65725	4750.6384
5766	5768	35	0.08409	10	4	2.00	1	3	16794	0.18732	0.89254	26.93551	1412.20746
5766	5798	34	0.22955	10	5	1.00	1	3	3043	0.42267	0.36971	32.58604	698.52065
5768	90	25	0.12064	2	10	1.00	1	3	289	0.28983	0.00491	24.97548	34.86496
5768	131	25	0.15494	2	10	1.00	1	3	127	0.37201	0.00216	24.98920	19.67738
5768	5766	35	0.08409	10	4	2.00	1	3	16870	0.18809	0.89659	26.82505	1418.5983
5768	5770	35	0.16652	10	4	2.00	1	3	16793	0.37092	0.89251	26.93643	2796.37036
5770	5768	35	0.16652	10	4	2.00	1	3	16847	0.37198	0.89533	26.85957	2805.36244
5770	5772	35	0.06521	10	4	2.00	1	3	16990	0.14683	0.90297	26.64702	1107.9179
5770	5782	30	0.17788	10	5	1.00	1	3	627	0.35792	0.07619	29.81956	111.53076
5772	5770	35	0.06521	10	4	2.00	1	3	17007	0.14697	0.90387	26.62166	1109.02647
5772	5800	35	0.05186	10	4	2.00	1	3	16813	0.11563	0.89353	26.90880	871.92218
5772	5854	23	0.17425	10	5	1.00	1	3	637	0.45738	0.07738	22.85916	110.99725
5774	5570	35	0.15259	10	4	3.00	2	3	18254	0.29233	0.64674	31.31858	2785.37786
5774	5776	30	0.07754	10	5	1.00	1	3	737	0.15621	0.08948	29.78267	57.14698
5774	5778	30	0.11029	10	5	1.00	2	3	2683	0.22855	0.32591	28.95347	295.90807
5774	5802	35	0.12070	10	4	2.00	1	3	16449	0.26417	0.87422	27.41498	1985.3943
5776	85	25	0.21194	2	10	1.00	1	3	737	0.50993	0.01253	24.93748	156.19978
5776	5568	25	0.11147	10	5	1.00	1	3	584	0.26902	0.07090	24.86169	65.09848
5776	5774	30	0.07754	10	5	1.00	1	3	1414	0.15753	0.17175	29.53451	109.64156
5778	281	25	0.03272	2	10	1.00	2	3	3009	0.07933	0.05118	24.74670	98.45448
5778	5774	30	0.11029	10	5	1.00	2	3	2405	0.22743	0.29212	29.09639	265.24745
5778	5780	30	0.15710	10	5	1.00	2	3	1020	0.31756	0.12387	29.68325	160.242
5780	282	25	0.04021	2	10	1.00	2	3	1148	0.09687	0.01952	24.90277	46.16108
5780	5728	30	0.09678	10	5	1.00	2	3	1024	0.19565	0.12445	29.68153	99.10272
5780	5778	30	0.15710	10	5	1.00	2	3	742	0.31652	0.09009	29.78097	116.5682
5782	132	25	0.08811	2	10	1.00	1	3	138	0.21156	0.00235	24.98824	12.15918
5782	5770	30	0.17788	10	5	1.00	1	3	663	0.35806	0.08059	29.80745	117.93444
5782	5784	30	0.11645	10	5	1.00	2	3	568	0.23415	0.06902	29.83914	66.1436
5784	284	25	0.16193	2	10	1.00	2	3	156	0.38884	0.00266	24.98673	25.26108
5784	5782	30	0.11645	10	5	1.00	2	3	605	0.23424	0.07344	29.82709	70.45225
5784	5786	30	0.23615	10	5	1.00	2	3	467	0.47432	0.05677	29.87201	110.28205
5786	285	25	0.15307	2	10	1.00	2	3	496	0.36799	0.00844	24.95789	75.92272
5786	5784	30	0.23615	10	5	1.00	2	3	504	0.47451	0.06120	29.86020	119.0196
5786	5788	34	0.39286	10	5	1.00	2	3	338	0.69529	0.04101	33.90181	132.78668
5788	5786	34	0.39286	10	5	1.00	2	3	374	0.69556	0.04544	33.88877	146.92964
5788	5790	34	0.13769	10	5	1.00	2	3	2818	0.25240	0.34238	32.73075	388.01042
5788	5814	30	0.06186	10	5	1.00	2	3	3594	0.13067	0.43657	28.40523	222.32484
5790	130	25	0.22222	2	10	1.00	1	3	264	0.53380	0.00448	24.97761	58.66608
5790	286	25	0.12132	2	10	1.00	2	3	7	0.29117	0.00012	24.99939	0.84924
5790	5788	34	0.13769	10	5	1.00	2	3	3402	0.25548	0.41327	32.33657	468.42138
5790	5792	34	0.07462	10	5	1.00	2	3	2715	0.13653	0.32983	32.79438	202.5933
5792	5790	34	0.07462	10	5	1.00	2	3	3295	0.13813	0.40022	32.41387	245.8729
5792	5794	34	0.14924	10	5	1.00	2	3	2715	0.27305	0.32983	32.79438	405.1866
5794	129	25	0.04806	2	10	1.00	1	3	327	0.11548	0.00557	24.97220	15.71562
5794	5792	34	0.14924	10	5	1.00	2	3	3295	0.27626	0.40022	32.41387	491.7458
5794	5796	34	0.13627	10	5	1.00	1	3	2810	0.24976	0.34139	32.73581	382.9187
5796	5794	34	0.13627	10	5	1.00	1	3	3388	0.25276	0.41152	32.34710	461.68276

5796	5798	34	0.22459	10	5	1.00	1	3	2181	0.40713	0.26490	33.09856	489.83079
5796	5804	30	0.08998	10	5	1.00	1	3	1522	0.18307	0.18494	29.49123	136.94956
5798	128	25	0.22538	2	10	1.00	1	3	389	0.54163	0.00661	24.96698	87.67282
5798	5766	34	0.22955	10	5	1.00	1	3	2392	0.41758	0.29053	32.98329	549.0836
5798	5796	34	0.22459	10	5	1.00	1	3	2832	0.41182	0.34408	32.72197	636.03888
5800	132	25	0.13613	2	10	1.00	1	3	305	0.32706	0.00518	24.97411	41.51965
5800	5772	35	0.05186	10	4	2.00	1	3	16017	0.11124	0.85123	27.97031	830.64162
5800	5802	35	0.12374	10	4	2.00	1	3	17090	0.28022	0.90828	26.49550	2114.7166
5802	133	25	0.10428	2	10	1.00	1	3	267	0.25050	0.00455	24.97728	27.84276
5802	5774	35	0.12070	10	4	2.00	1	3	17245	0.27586	0.91653	26.25375	2081.4715
5802	5800	35	0.12374	10	4	2.00	1	3	16294	0.26881	0.86597	27.61997	2016.21956
5804	5796	30	0.08998	10	5	1.00	1	3	1448	0.18288	0.17588	29.52107	130.29104
5804	5806	25	0.14337	10	5	1.00	1	3	2167	0.35338	0.26319	24.34268	310.68279
5804	5818	33	0.09594	10	5	1.00	1	3	2827	0.18124	0.34341	31.76291	271.22238
5806	129	25	0.05373	2	10	1.00	1	3	207	0.12905	0.00351	24.98244	11.12211
5806	5804	25	0.14337	10	5	1.00	1	3	1933	0.35210	0.23479	24.43143	277.13421
5806	5808	25	0.19601	10	5	1.00	2	3	2054	0.48227	0.24951	24.38605	402.60454
5808	119	25	0.17042	1	10	1.00	100	3	814	0.41015	0.01384	24.93097	138.72188
5808	5806	25	0.19601	10	5	1.00	2	3	1822	0.48058	0.22137	24.47168	357.13022
5808	6006	25	0.13690	10	5	1.00	2	3	1853	0.33581	0.22513	24.46051	253.6757
5810	130	25	0.13755	2	10	1.00	1	3	159	0.33029	0.00270	24.98648	21.87045
5810	301	25	0.13141	2	10	1.00	2	3	60	0.31546	0.00102	24.99488	7.8846
5810	5812	25	0.09982	10	5	1.00	2	3	2459	0.24723	0.29870	24.22445	245.45738
5810	6006	25	0.10350	10	5	1.00	2	3	2208	0.25527	0.26824	24.32637	228.528
5812	302	25	0.15566	2	10	1.00	2	3	57	0.37366	0.00097	24.99517	8.87262
5812	5724	25	0.16652	10	5	1.00	2	3	2402	0.41203	0.29179	24.24811	399.98104
5812	5810	25	0.09982	10	5	1.00	2	3	2242	0.24633	0.27238	24.31287	223.79644
5814	291	25	0.11976	2	10	1.00	2	3	131	0.28755	0.00223	24.98886	15.68856
5814	5788	30	0.06186	10	5	1.00	2	3	3047	0.12910	0.37010	28.75048	188.48742
5814	5816	34	0.09959	10	5	1.00	2	3	3542	0.18539	0.43031	32.23201	352.74778
5816	292	25	0.03339	2	10	1.00	2	3	112	0.08017	0.00190	24.99048	3.73968
5816	293	25	0.10616	2	10	1.00	2	3	452	0.25517	0.00769	24.96163	47.98432
5816	5720	30	0.14740	10	5	1.00	2	3	3781	0.31279	0.45935	28.27410	557.3194
5816	5814	34	0.09959	10	5	1.00	2	3	2997	0.18321	0.36409	32.61650	298.47123
5818	118	25	0.03845	2	10	1.00	1	3	235	0.09236	0.00399	24.98005	9.03575
5818	5804	33	0.09594	10	5	1.00	1	3	2986	0.18180	0.36275	31.66417	286.47684
5818	5820	33	0.18827	10	5	1.00	1	3	2791	0.35540	0.33899	31.78493	525.46157
5820	116	25	0.07337	2	10	1.00	1	3	919	0.17664	0.01562	24.92213	67.42703
5820	5750	30	0.03946	10	5	1.00	1	3	3434	0.08304	0.41718	28.51140	135.50564
5820	5818	33	0.18827	10	5	1.00	1	3	2950	0.35649	0.35833	31.68713	555.3965
5822	114	25	0.14642	2	10	1.00	1	3	458	0.35196	0.00779	24.96113	67.06036
5822	5750	25	0.14621	10	5	1.00	1	3	750	0.35352	0.09115	24.81498	109.6575
5822	5823	25	0.18732	10	5	1.00	1	3	771	0.45303	0.09361	24.80920	144.42372
5823	115	25	0.09224	2	10	1.00	1	3	475	0.22175	0.00808	24.95966	43.814
5823	5687	25	0.17284	10	5	1.00	1	3	328	0.41598	0.03979	24.93042	56.69152
5823	5822	25	0.18732	10	5	1.00	1	3	719	0.45276	0.08735	24.82388	134.68308
5824	5689	20	0.13375	10	5	1.00	1	3	794	0.40444	0.09651	19.84188	106.1975
5824	5746	35	0.12777	10	3	1.00	1	3	13210	0.79212	1.32155	9.67780	1687.8417
5824	11066	30	0.22880	23	3	1.00	901	0	14207	2.12280	1.42124	6.46706	3250.5616
5826	80	25	0.07332	2	10	1.00	1	3	1105	0.17662	0.01879	24.90639	81.0186
5826	5828	30	0.10553	10	5	1.00	1	3	2698	0.21875	0.32776	28.94534	284.71994
5826	8926	25	0.06262	10	5	1.00	1	3	3723	0.15924	0.45231	23.59616	233.13426
5828	86	25	0.17035	2	10	1.00	1	3	265	0.40921	0.00451	24.97746	45.14275
5828	5826	30	0.10553	10	5	1.00	1	3	3331	0.22157	0.40466	28.57751	351.52043
5828	5830	30	0.28296	10	5	1.00	1	3	4338	0.60986	0.52703	27.83822	1227.48048
5828	5840	23	0.11499	10	5	1.00	1	3	1886	0.30675	0.22914	22.49262	216.87114
5830	5828	30	0.28296	10	5	1.00	1	3	4565	0.61427	0.55454	27.63814	1291.7124
5830	5832	30	0.18569	10	5	1.00	1	3	4554	0.40298	0.55319	27.64827	845.63226

5830	5838	30	0.18798	10	5	1.00	1	3	331	0.37703	0.04023	29.91539	62.22138
5832	91	25	0.09067	2	10	1.00	1	3	1124	0.21845	0.01912	24.90477	101.91308
5832	5830	30	0.18569	10	5	1.00	1	3	4740	0.40554	0.57575	27.47344	880.1706
5832	5834	30	0.18550	10	5	1.00	1	3	4541	0.40238	0.55166	27.65975	842.3555
5834	98	25	0.20522	2	10	1.00	1	3	479	0.49334	0.00815	24.95933	98.30038
5834	5762	30	0.13791	10	5	1.00	1	3	4561	0.29934	0.55406	27.64173	629.00751
5834	5832	30	0.18550	10	5	1.00	1	3	4727	0.40493	0.57422	27.48564	876.8585
5836	5762	30	0.04413	10	5	1.00	1	3	1044	0.08923	0.12688	29.67428	46.07172
5836	5837	25	0.06777	10	5	1.00	1	3	1112	0.16458	0.13512	24.70787	75.36024
5837	109	25	0.18827	2	10	1.00	1	3	440	0.45253	0.00748	24.96263	82.8388
5837	5836	25	0.06777	10	5	1.00	1	3	1044	0.16444	0.12688	24.72856	70.75188
5837	5839	25	0.13475	10	5	1.00	1	3	672	0.32551	0.08168	24.83703	90.552
5838	5830	30	0.18798	10	5	1.00	1	3	372	0.37719	0.04518	29.90252	69.92856
5838	8932	30	0.05739	10	5	1.00	1	3	331	0.11510	0.04023	29.91539	18.99609
5839	5673	25	0.24280	10	5	1.00	1	3	672	0.58655	0.08168	24.83703	163.1616
5839	5837	25	0.13475	10	5	1.00	1	3	600	0.32525	0.07292	24.85711	80.85
5840	87	25	0.02323	2	10	1.00	1	3	1000	0.05594	0.01701	24.91524	23.23
5840	5828	23	0.11499	10	5	1.00	1	3	2229	0.30839	0.27073	22.37280	256.31271
5840	5842	23	0.10943	10	5	1.00	1	3	2116	0.29296	0.25710	22.41315	231.55388
5842	5840	23	0.10943	10	5	1.00	1	3	2459	0.29462	0.29869	22.28651	269.08837
5842	5844	23	0.13402	10	5	1.00	1	3	263	0.35036	0.03199	22.95136	35.24726
5842	5848	25	0.13339	10	5	1.00	1	3	1711	0.32651	0.20790	24.51109	228.23029
5842	5850	23	0.35180	10	5	1.00	1	3	1596	0.93453	0.19388	22.58698	561.4728
5844	83	25	0.03178	2	10	1.00	1	3	1122	0.07657	0.01908	24.90498	35.65716
5844	5560	25	0.14348	10	5	1.00	1	3	984	0.34788	0.11949	24.74689	141.18432
5844	5842	23	0.13402	10	5	1.00	1	3	1693	0.35650	0.20569	22.55608	226.89586
5848	5558	35	0.05552	10	3	3.00	1	3	26063	0.12096	0.86911	27.54278	1447.01776
5848	5842	25	0.13339	10	5	1.00	1	3	2025	0.32804	0.24597	24.39707	270.11475
5848	8922	35	0.06515	10	3	3.00	1	3	25911	0.14129	0.86406	27.66652	1688.10165
5850	88	25	0.08666	2	10	1.00	1	3	930	0.20864	0.01581	24.92118	80.5938
5850	5842	23	0.35180	10	5	1.00	1	3	195	0.91905	0.02371	22.96746	68.601
5850	5852	30	0.20186	10	5	1.00	1	3	1209	0.40898	0.14691	29.61327	244.04874
5850	5854	23	0.16588	10	5	1.00	1	3	1468	0.43987	0.17838	22.62655	243.51184
5852	85	25	0.06247	2	10	1.00	1	3	1175	0.15053	0.01998	24.90051	73.40225
5852	5564	25	0.17850	10	5	1.00	1	3	2200	0.44021	0.26728	24.32948	392.7
5852	5850	30	0.20186	10	5	1.00	1	3	644	0.40623	0.07825	29.81391	129.99784
5854	89	25	0.06897	2	10	1.00	1	3	777	0.16595	0.01321	24.93414	53.58969
5854	90	25	0.29282	2	10	1.00	1	3	78	0.70295	0.00132	24.99338	22.83996
5854	5772	23	0.17425	10	5	1.00	1	3	1450	0.46196	0.17610	22.63225	252.6625
5854	5850	23	0.16588	10	5	1.00	1	3	633	0.43537	0.07686	22.86026	105.00204
5856	5858	63	0.35683	10	1	3.00	1	0	85752	0.84727	1.21531	25.26908	30598.88616
5856	5860	30	0.09988	10	6	2.00	1	3	8744	0.20850	0.37176	28.74250	873.35072
5856	5862	30	0.12045	10	6	1.00	1	3	12885	0.44579	1.09568	16.21130	1551.99825
5858	7141	65	0.02705	2	9	1.00	0	0	3194	0.02539	0.18109	63.92522	86.3977
5858	8944	63	1.42343	10	1	4.00	1	0	98660	2.21040	1.04869	38.63823	140435.6038
5860	5861	35	0.03468	10	3	2.00	1	3	28182	0.26851	1.40965	7.74895	977.35176
5860	5934	30	0.09813	10	5	1.00	1	3	9112	0.37438	1.10695	15.72630	894.16056
5860	5948	35	0.03013	10	3	2.00	1	3	26606	0.19152	1.33084	9.43764	801.63878
5861	5858	30	0.26508	10	6	2.00	1	3	16103	0.60131	0.68464	26.45004	4268.58324
5861	5860	35	0.03468	10	3	2.00	1	3	24172	0.15420	1.20910	13.49267	838.28496
5861	5862	35	0.03683	10	3	2.00	1	3	12079	0.06955	0.60419	31.77630	444.86957
5862	5861	35	0.03683	10	3	2.00	1	3	24172	0.16380	1.20910	13.49267	890.25476
5862	5863	35	0.10530	10	3	2.00	1	3	24964	0.52902	1.24871	11.94310	2628.7092
5863	5675	30	0.06675	10	6	1.00	1	3	3096	0.13710	0.26324	29.21102	206.658
5863	5862	35	0.10530	10	3	2.00	1	3	24172	0.46827	1.20910	13.49267	2545.3116
5863	5932	35	0.07462	10	3	2.00	1	3	21869	0.23559	1.09386	19.00427	1631.86478
5864	104	25	0.09175	2	10	1.00	1	3	965	0.22093	0.01641	24.91823	88.53875
5864	5666	40	0.14736	10	3	2.00	1	3	21168	0.37337	1.05884	23.68082	3119.31648

5864	6002	40	0.14817	10	3	2.00	1	3	20409	0.34643	1.02083	25.66206	3024.00153
5866	5953	25	0.32462	10	5	1.00	1	3	5663	0.88488	0.68796	22.01102	1838.32306
5866	6001	40	0.09043	10	3	2.00	1	3	21971	0.25324	1.09901	21.42443	1986.83753
5866	6002	40	0.08536	10	3	2.00	1	3	20340	0.19828	1.01743	25.83006	1736.2224
5868	94	25	0.27293	2	10	1.00	1	3	736	0.65667	0.01251	24.93761	200.87648
5868	5870	40	0.30883	10	3	2.00	1	3	20901	0.75945	1.04547	24.39927	6454.85583
5868	5936	30	0.23141	10	5	1.00	1	3	4980	0.50990	0.60494	27.23031	1152.4218
5868	6001	40	0.09120	10	3	2.00	1	3	22979	0.29506	1.14940	18.54630	2095.6848
5870	66	25	0.09433	2	10	1.00	1	3	1672	0.22767	0.02844	24.85860	157.71976
5870	68	25	0.11633	2	10	1.00	1	3	2956	0.28200	0.05027	24.75114	343.87148
5870	5868	40	0.30883	10	3	2.00	1	3	19147	0.65053	0.95773	28.48433	5913.16801
5870	5872	40	0.12747	10	3	2.00	1	3	21878	0.35259	1.09433	21.69233	2788.78866
5871	5676	30	0.36613	10	6	1.00	1	3	13896	1.74336	1.18159	12.60081	5087.74248
5871	5931	35	0.05170	10	3	2.00	1	3	11452	0.09671	0.57284	32.07936	592.0684
5871	30004	35	0.02538	10	3	2.00	1	3	25304	0.13415	1.26568	11.35001	642.21552
5872	5870	40	0.12747	10	3	2.00	1	3	19026	0.26629	0.95170	28.72200	2425.24422
5872	5876	40	0.08620	10	3	2.00	1	3	27555	0.54174	1.37828	9.54647	2375.241
5872	5918	35	0.21440	10	3	2.00	1	3	15516	0.43631	0.77609	29.48392	3326.6304
5872	30004	35	0.10461	10	3	3.00	1	3	25348	0.22330	0.84526	28.10667	2651.65428
5874	69	25	0.06897	2	10	1.00	1	3	1272	0.16623	0.02162	24.89234	87.72984
5874	71	25	0.14941	2	10	1.00	1	3	641	0.35936	0.01089	24.94565	95.77181
5874	5876	40	0.16062	10	3	2.00	1	3	21755	0.43719	1.08819	22.04300	3494.2881
5874	5878	40	0.11856	10	3	2.00	1	3	22032	0.33475	1.10204	21.25037	2612.11392
5876	5872	40	0.08620	10	3	2.00	1	3	26333	0.46201	1.31717	11.19383	2269.9046
5876	5874	40	0.16062	10	3	2.00	1	3	22386	0.47635	1.11977	20.23088	3595.63932
5876	5930	25	0.19995	10	5	1.00	1	3	5421	0.53865	0.65856	22.27201	1083.92895
5878	74	25	0.15241	2	10	1.00	1	3	215	0.36605	0.00365	24.98174	32.76815
5878	5874	40	0.11856	10	3	2.00	1	3	21395	0.30853	1.07018	23.05650	2536.5912
5878	5880	40	0.13960	10	3	2.00	1	3	21823	0.38337	1.09161	21.84782	3046.4908
5880	5878	40	0.13960	10	3	2.00	1	3	21201	0.35504	1.06049	23.59078	2959.6596
5880	5882	40	0.21650	10	3	2.00	1	3	26282	1.15237	1.31462	11.27263	5690.053
5880	5908	30	0.17800	10	5	1.00	1	3	4072	0.38067	0.49468	28.05582	724.816
5880	5910	40	0.13207	10	4	2.00	1	3	9982	0.21367	0.53049	37.08512	1318.32274
5882	2502	45	0.19759	10	2	3.00	1	3	31573	0.34316	0.89492	34.54809	6238.50907
5882	5880	40	0.21650	10	3	2.00	1	3	25981	1.10485	1.29955	11.75741	5624.8865
5882	5884	40	0.32255	10	3	2.00	1	3	13966	0.55205	0.69857	35.05704	4504.7333
5884	76	25	0.07889	2	10	1.00	1	3	2722	0.19109	0.04630	24.77062	214.73858
5884	5325	40	0.29909	10	3	2.00	1	0	13021	0.50221	0.65131	35.73243	3894.45089
5884	5882	40	0.32255	10	3	2.00	1	3	14282	0.55601	0.71437	34.80755	4606.6591
5885	2500	45	0.23765	10	2	3.00	1	3	30956	0.40574	0.87743	35.14306	7356.6934
5885	5888	45	0.19339	10	3	3.00	1	3	27665	0.34613	0.92252	33.52285	5350.13435
5885	5899	20	0.12668	10	6	1.00	1	3	3385	0.39161	0.28786	19.40915	428.8118
5885	25088	20	0.06557	10	6	1.00	1	3	7928	0.22215	0.67416	17.70918	519.83896
5888	5885	45	0.19339	10	3	3.00	1	3	28125	0.35266	0.93789	32.90220	5439.09375
5888	9010	45	0.23781	10	3	3.00	1	3	27665	0.42563	0.92252	33.52285	6579.01365
5892	49	25	0.10350	2	10	1.00	1	3	5573	0.25310	0.09478	24.53491	576.8055
5892	3678	45	0.10873	10	4	1.00	1	3	10829	0.31422	1.15103	20.76219	1177.43717
5892	5894	45	0.29662	10	4	1.00	1	3	10519	0.77813	1.11804	22.87171	3120.14578
5894	5892	45	0.29662	10	4	1.00	1	3	10516	0.77758	1.11779	22.88790	3119.25592
5894	5896	45	0.13818	10	4	1.00	1	3	10519	0.36250	1.11804	22.87171	1453.51542
5896	5894	45	0.13818	10	4	1.00	1	3	10516	0.36224	1.11779	22.88790	1453.10088
5896	5898	45	0.44145	10	4	1.00	1	3	10819	1.27171	1.14999	20.82778	4776.04755
5897	5898	40	0.04892	10	4	1.00	1	3	11488	0.19756	1.22105	14.85818	561.99296
5897	5899	40	0.15698	10	4	1.00	1	3	4493	0.25082	0.47756	37.55194	705.31114
5897	25088	20	0.06182	10	6	1.00	1	3	7028	0.20387	0.59763	18.19538	434.47096
5898	48	25	0.11382	2	10	1.00	1	3	630	0.27375	0.01072	24.94654	71.7066
5898	50	25	0.70760	2	10	1.00	1	3	391	1.70050	0.00665	24.96677	276.6716
5898	5896	45	0.44145	10	4	1.00	1	3	10817	1.27075	1.14974	20.84351	4775.16465

5898	5897	40	0.04892	10	4	1.00	1	3	11490	0.19771	1.22130	14.84666	562.0908
5899	5885	20	0.12668	10	6	1.00	1	3	3171	0.39064	0.26968	19.45735	401.70228
5899	5897	40	0.15698	10	4	1.00	1	3	3626	0.24635	0.38544	38.23379	569.20948
5899	5900	35	0.07852	10	5	1.00	1	3	7878	0.18885	0.95701	24.94863	618.58056
5900	43	25	0.17402	2	10	1.00	1	3	2757	0.42156	0.04688	24.76778	479.77314
5900	5899	35	0.07852	10	5	1.00	1	3	6798	0.16513	0.82577	28.53120	533.77896
5900	5902	35	0.22715	10	5	1.00	1	3	5122	0.43143	0.62216	31.58996	1163.4623
5902	5900	35	0.22715	10	5	1.00	1	3	4091	0.41659	0.49691	32.71492	929.27065
5902	9014	33	0.17604	10	5	1.00	1	3	5122	0.35463	0.62216	29.78482	901.67688
5905	73	25	0.20040	2	10	1.00	1	0	309	0.48146	0.00525	24.97379	61.9236
5906	75	25	0.30788	2	10	1.00	1	3	2134	0.74428	0.03630	24.81983	657.01592
5906	5908	25	0.31764	10	5	1.00	1	3	4547	0.82697	0.55232	23.04571	1444.30908
5906	5924	30	0.16648	10	5	1.00	1	3	3379	0.34990	0.41047	28.54709	562.53592
5908	74	25	0.08815	2	10	1.00	1	3	239	0.21174	0.00406	24.97970	21.06785
5908	5880	30	0.17800	10	5	1.00	1	3	4679	0.38793	0.56843	27.53139	832.862
5908	5906	25	0.31764	10	5	1.00	1	3	3954	0.81253	0.48037	23.45543	1255.94856
5910	77	25	0.05294	2	10	1.00	1	3	1113	0.12753	0.01892	24.90574	58.92222
5910	5880	40	0.13207	10	4	2.00	1	3	9054	0.21118	0.48117	37.52205	1195.76178
5910	5912	40	0.09943	10	4	2.00	1	3	9670	0.16021	0.51393	37.23795	961.4881
5912	35	25	0.08977	2	10	1.00	1	3	1561	0.21660	0.02655	24.86794	140.13097
5912	5910	40	0.09943	10	4	2.00	1	3	8742	0.15843	0.46462	37.65699	869.21706
5912	5914	40	0.28338	10	4	1.00	1	3	8952	0.59186	0.95155	28.72786	2536.81776
5914	5912	40	0.28338	10	4	1.00	1	3	8024	0.53264	0.85291	31.92163	2273.84112
5914	5916	35	0.37204	10	4	1.00	1	3	8179	0.81061	0.86932	27.53743	3042.91516
5914	5920	23	0.23223	10	5	1.00	1	3	1607	0.61698	0.19520	22.58357	373.19361
5916	33	25	0.11588	2	10	1.00	1	3	941	0.27900	0.01600	24.92023	109.04308
5916	5914	35	0.37204	10	4	1.00	1	3	7554	0.76999	0.80295	28.99033	2810.39016
5916	8804	35	0.32195	10	4	1.00	1	3	8707	0.74343	0.92546	25.98331	2803.21865
5918	67	25	0.18380	2	10	1.00	1	3	3965	0.44707	0.06744	24.66730	728.767
5918	5872	35	0.21440	10	3	2.00	1	3	15027	0.43033	0.75167	29.89351	3221.7888
5918	8808	35	0.25626	10	3	2.00	1	3	13362	0.49498	0.66837	31.06258	3424.14612
5920	34	25	0.05170	2	10	1.00	1	3	1674	0.12480	0.02847	24.85845	86.5458
5920	5914	23	0.23223	10	5	1.00	1	3	1303	0.61447	0.15833	22.67607	302.59569
5920	5922	23	0.03068	10	5	1.00	1	3	1664	0.08158	0.20217	22.56535	51.05152
5922	33	25	0.20392	2	10	1.00	1	3	446	0.49014	0.00758	24.96217	90.94832
5922	5920	23	0.03068	10	5	1.00	1	3	1361	0.08124	0.16531	22.65904	41.75548
5922	8808	23	0.23257	10	5	1.00	1	3	2091	0.62234	0.25400	22.42217	486.30387
5924	71	25	0.37453	2	10	1.00	1	3	83	0.89912	0.00142	24.99291	31.08599
5924	73	25	0.14287	2	10	1.00	1	3	326	0.34326	0.00554	24.97233	46.57562
5924	5906	30	0.16648	10	5	1.00	1	3	3931	0.35466	0.47758	28.16384	654.43288
5924	5926	30	0.20155	10	5	1.00	1	3	3587	0.42567	0.43580	28.40954	722.95985
5926	72	25	0.06375	2	10	1.00	1	3	1505	0.15378	0.02559	24.87271	95.94375
5926	5924	30	0.20155	10	5	1.00	1	3	4178	0.43233	0.50750	27.97169	842.0759
5926	5928	30	0.12434	10	5	1.00	1	3	4109	0.26618	0.49909	28.02716	510.91306
5928	5926	30	0.12434	10	5	1.00	1	3	4699	0.27116	0.57080	27.51275	584.27366
5928	5930	30	0.13316	10	5	1.00	1	3	4109	0.28506	0.49909	28.02716	547.15444
5930	70	25	0.04643	2	10	1.00	1	3	1412	0.11197	0.02401	24.88051	65.55916
5930	5876	25	0.19995	10	5	1.00	1	3	4831	0.52573	0.58685	22.81943	965.95845
5930	5928	30	0.13316	10	5	1.00	1	3	4699	0.29039	0.57080	27.51275	625.71884
5931	5871	35	0.05170	10	3	2.00	1	3	25304	0.27333	1.26568	11.35001	1308.2168
5931	5932	35	0.04720	10	3	2.00	1	3	24172	0.20989	1.20910	13.49267	1140.9184
5932	5863	35	0.07462	10	3	2.00	1	3	24172	0.33183	1.20910	13.49267	1803.71464
5932	5931	35	0.04720	10	3	2.00	1	3	21869	0.14901	1.09386	19.00427	1032.2168
5934	101	25	0.03441	2	10	1.00	1	3	793	0.08280	0.01348	24.93277	27.28713
5934	107	25	0.21166	1	10	1.00	100	0	792	0.50936	0.01347	24.93281	167.63472
5934	5860	30	0.09813	10	5	1.00	1	3	6339	0.23214	0.76999	25.36236	622.04607
5934	5936	35	0.35422	10	5	1.00	1	3	7828	0.84473	0.95088	25.15951	2772.83416
5936	102	25	0.08732	2	10	1.00	1	3	3181	0.21184	0.05410	24.73241	277.76492

5936	5868	30	0.23141	10	5	1.00	1	3	7812	0.64218	0.94895	21.62152	1807.77492
5936	5934	35	0.35422	10	5	1.00	1	3	4996	0.66941	0.60688	31.74903	1769.68312
5938	31	25	0.36472	2	10	1.00	1	3	958	0.87819	0.01629	24.91883	349.40176
5938	5940	25	0.24292	10	5	1.00	1	3	2292	0.59998	0.27840	24.29308	556.77264
5938	8808	25	0.03452	10	5	1.00	1	3	2577	0.08568	0.31306	24.17418	88.95804
5940	65	25	0.07850	2	10	1.00	1	3	1592	0.18942	0.02707	24.86539	124.972
5940	5938	25	0.24292	10	5	1.00	1	3	1702	0.59456	0.20677	24.51435	413.44984
5940	5942	25	0.34145	10	5	1.00	1	3	2189	0.84190	0.26590	24.33393	747.43405
5942	64	25	0.14427	2	10	1.00	1	3	1410	0.34790	0.02398	24.88066	203.4207
5942	5940	25	0.34145	10	5	1.00	1	3	1599	0.83450	0.19428	24.54994	545.97855
5942	5944	28	0.32898	10	5	1.00	1	3	2625	0.72967	0.31891	27.05163	863.5725
5944	62	25	0.18024	2	10	1.00	1	3	77	0.43268	0.00131	24.99343	13.87848
5944	63	25	0.15474	2	10	1.00	1	3	36	0.37141	0.00061	24.99697	5.57064
5944	5942	28	0.32898	10	5	1.00	1	3	2036	0.72249	0.24729	27.32012	669.80328
5944	5946	28	0.17405	10	5	1.00	1	3	2574	0.38569	0.31266	27.07665	448.0047
5946	5944	28	0.17405	10	5	1.00	1	3	2015	0.38213	0.24476	27.32893	350.71075
5946	8794	35	0.05655	10	3	2.00	1	3	13987	0.11065	0.69962	30.66070	790.96485
5946	8796	35	0.05170	10	3	2.00	1	3	8779	0.09366	0.43912	33.12274	453.8743
5948	100	25	0.06040	2	10	1.00	1	3	79	0.14499	0.00134	24.99331	4.7716
5948	5860	35	0.03013	10	3	2.00	1	3	24645	0.14415	1.23276	12.53906	742.55385
5948	5955	30	0.26594	9	5	1.00	100	0	4565	0.57733	0.55459	27.63777	1214.0161
5948	11328	35	0.25740	23	3	2.00	901	0	22564	0.89497	1.12865	17.25639	5807.9736
5949	5951	30	0.32150	10	5	1.00	1	3	4093	0.68795	0.49720	28.03951	1315.8995
5949	5953	25	0.15118	10	5	1.00	1	3	4959	0.39942	0.60235	22.71062	749.70162
5949	5957	25	0.06889	10	5	1.00	1	0	4436	0.17871	0.53889	23.12809	305.59604
5950	262	25	0.12601	2	10	1.00	3	3	1594	0.30406	0.02711	24.86517	200.85994
5950	5580	40	0.03830	10	3	3.00	3	3	23882	0.06907	0.79638	33.27469	914.6806
5950	5598	40	0.11518	10	3	3.00	3	3	22004	0.20041	0.73377	34.48300	2534.42072
5951	103	25	0.33413	2	10	1.00	1	3	145	0.80231	0.00246	24.98770	48.44885
5951	105	25	0.09036	2	10	1.00	1	3	380	0.21714	0.00647	24.96772	34.3368
5951	5672	30	0.11606	10	5	1.00	1	3	4257	0.24953	0.51709	27.90702	494.06742
5951	5949	30	0.32150	10	5	1.00	1	3	3069	0.67124	0.37283	28.73733	986.6835
5952	138	25	0.06293	2	10	1.00	1	3	901	0.15150	0.01532	24.92362	56.69993
5952	1294	25	0.07945	2	10	1.00	1	3	928	0.19128	0.01579	24.92131	73.7296
5952	8914	45	0.10096	10	3	2.00	1	3	14224	0.15449	0.71148	39.21094	1436.05504
5952	8916	45	0.09834	10	3	2.00	1	3	12982	0.14668	0.64936	40.22809	1276.64988
5953	103	25	0.11922	2	10	1.00	1	3	794	0.28690	0.01350	24.93267	94.66068
5953	105	25	0.30919	2	10	1.00	1	3	140	0.74240	0.00239	24.98806	43.2866
5953	5866	25	0.32462	10	5	1.00	1	3	5284	0.86914	0.64191	22.40969	1715.29208
5953	5949	25	0.15118	10	5	1.00	1	3	5325	0.40551	0.64687	22.36936	805.0335
5954	228	25	0.09156	2	10	1.00	4	3	2147	0.22135	0.03651	24.81879	196.57932
5954	229	25	0.18856	2	10	1.00	4	3	556	0.45339	0.00945	24.95283	104.83936
5954	8760	30	0.14085	10	5	1.00	4	3	6931	0.34986	0.84197	24.15487	976.23135
5954	8870	30	0.10813	10	5	1.00	4	3	4887	0.23742	0.59369	27.32642	528.43131
5955	5948	30	0.26594	9	5	1.00	100	0	3289	0.55783	0.39957	28.60384	874.67666
5957	5949	25	0.06889	10	5	1.00	1	0	5093	0.18296	0.61874	22.59014	350.85677
5958	221	25	0.07898	2	10	1.00	4	3	874	0.19011	0.01486	24.92592	69.02852
5958	8748	45	0.06795	10	3	3.00	4	3	35014	0.20655	1.16759	19.73835	2379.2013
5958	8750	45	0.11561	10	3	3.00	4	3	35003	0.35104	1.16722	19.76095	4046.69683
5960	151	25	0.22588	2	10	1.00	5	3	317	0.54271	0.00539	24.97308	71.60396
5960	175	25	0.17793	2	10	1.00	5	3	308	0.42748	0.00523	24.97387	54.80244
5960	8676	45	0.13017	10	3	2.00	5	3	13590	0.19646	0.67978	39.75484	1769.0103
5960	9070	45	0.08050	10	3	2.00	5	3	13120	0.12038	0.65625	40.12471	1056.16
5961	5966	63	0.25844	10	1	2.00	4	0	40622	0.31308	0.86357	49.52842	10498.34968
5962	175	25	0.09046	2	10	1.00	5	3	1524	0.21823	0.02592	24.87104	137.86104
5962	179	25	0.09383	2	10	1.00	5	3	1291	0.22617	0.02195	24.89074	121.13453
5962	9070	45	0.16341	10	3	3.00	5	3	25823	0.27492	0.86110	35.66312	4219.73643
5962	9072	45	0.14740	10	3	3.00	5	3	24161	0.23770	0.80568	37.20501	3561.3314

5963	5970	63	0.08369	10	1	2.00	4	0	41361	0.10280	0.87928	48.84668	3461.50209
5963	5971	50	0.07375	10	6	1.00	4	3	18450	0.55187	1.56887	8.01863	1360.6875
5966	25172	63	0.02274	10	1	2.75	4	0	58607	0.05893	1.24590	23.15233	1332.72318
5967	9571	45	0.19501	10	3	2.00	1	0	23629	0.61966	1.18191	18.88241	4607.89129
5968	5970	50	0.06717	10	6	1.00	4	3	8109	0.09161	0.68957	43.99194	544.68153
5970	25173	63	0.10016	10	1	2.00	4	0	49471	0.15647	1.05167	38.40883	4955.01536
5971	9556	40	0.04374	10	6	1.00	4	0	5887	0.07026	0.50060	37.35638	257.49738
5971	9572	50	0.15281	10	6	1.00	4	0	12563	0.31666	1.06826	28.95394	1919.75203
6001	5866	40	0.09043	10	3	2.00	1	3	22979	0.29254	1.14940	18.54630	2077.99097
6001	5868	40	0.09120	10	3	2.00	1	3	21971	0.25542	1.09901	21.42443	2003.7552
6002	94	25	0.17455	2	10	1.00	1	3	759	0.42001	0.01292	24.93559	132.48345
6002	5864	40	0.14817	10	3	2.00	1	3	21107	0.37280	1.05578	23.84705	3127.42419
6002	5866	40	0.08536	10	3	2.00	1	3	19712	0.18763	0.98600	27.29592	1682.61632
6003	204	25	0.22121	2	10	1.00	6	3	0	0.53089	0.00000	25.00000	0
6003	206	25	0.34060	2	10	1.00	6	3	4672	0.83042	0.07945	24.60894	1591.2832
6003	329	25	0.14239	2	10	1.00	6	3	1687	0.34370	0.02869	24.85739	240.21193
6003	5660	40	0.06367	10	3	2.00	6	3	6231	0.09875	0.31166	38.68663	396.72777
6004	321	25	0.15538	2	10	1.00	1	3	641	0.37372	0.01090	24.94561	99.59858
6004	5510	40	0.32318	10	3	1.00	1	3	4190	0.51027	0.41912	38.00136	1354.1242
6004	9048	40	0.12875	10	3	1.00	1	3	3609	0.20122	0.36102	38.39171	464.65875
6005	197	25	0.05168	2	10	1.00	5	3	202	0.12411	0.00343	24.98284	10.43936
6005	198	25	0.27027	2	10	1.00	5	3	175	0.64903	0.00297	24.98515	47.29725
6005	8642	30	0.03042	10	5	1.00	5	3	376	0.06105	0.04563	29.90134	11.43792
6006	5808	25	0.13690	10	5	1.00	2	3	1627	0.33472	0.19767	24.54036	222.7363
6006	5810	25	0.10350	10	5	1.00	2	3	2432	0.25622	0.29543	24.23569	251.712
6006	6007	25	0.19501	10	5	1.00	2	3	729	0.47139	0.08861	24.82094	142.16229
6007	119	25	0.11651	1	10	1.00	100	3	239	0.27986	0.00407	24.97968	27.84589
6007	125	25	0.32064	1	10	1.00	100	0	117	0.76984	0.00199	24.99007	37.51488
6007	6006	25	0.19501	10	5	1.00	2	3	727	0.47138	0.08834	24.82156	141.77227
6007	6008	25	0.18627	10	5	1.00	2	3	951	0.45145	0.11554	24.75656	177.14277
6008	120	25	0.11952	1	10	1.00	100	3	396	0.28723	0.00673	24.96640	47.32992
6008	6007	25	0.18627	10	5	1.00	2	3	943	0.45140	0.11457	24.75896	175.65261
6008	6009	25	0.12281	10	5	1.00	2	3	555	0.29628	0.06748	24.86942	68.15955
6009	5744	40	0.19118	10	4	1.00	2	3	555	0.28806	0.05904	39.82129	106.1049
6009	6008	25	0.12281	10	5	1.00	2	3	557	0.29628	0.06766	24.86901	68.40517
6010	254	25	0.09637	2	10	1.00	3	3	528	0.23171	0.00898	24.95519	50.88336
6010	255	25	0.13359	2	10	1.00	3	3	2099	0.32291	0.03570	24.82276	280.40541
6010	8910	30	0.01474	10	5	1.00	1	3	3685	0.03119	0.44765	28.34235	54.3169
6011	296	25	0.10931	2	10	1.00	2	3	482	0.26277	0.00819	24.95910	52.68742
6011	5586	45	0.15398	10	3	3.00	2	3	15934	0.22149	0.53133	41.71181	2453.51732
6011	5680	45	0.15407	10	3	3.00	2	3	16610	0.22295	0.55388	41.46468	2559.1027
6983	5049	25	1.02360	9	5	1.00	100	0	0	2.45532	0.00000	25.01345	0
6983	5050	25	0.40174	9	5	1.00	100	0	0	0.96367	0.00000	25.01345	0
7140	5674	65	0.02705	2	9	1.00	0	0	3160	0.02539	0.17912	63.93927	85.478
7140	17110	65	0.61936	2	8	1.00	0	0	15753	0.64856	0.66977	57.29802	9756.77808
7141	5858	65	0.02705	2	9	1.00	0	0	0	0.02496	0.00000	65.03497	0
7141	18205	65	1.42394	2	8	1.00	0	0	18547	1.58288	0.78858	53.97519	26409.81518
7142	7140	65	1.23639	2	8	1.00	0	0	18913	1.38820	0.80411	53.43884	23383.84407
7142	8962	65	0.02705	2	9	1.00	0	0	0	0.02496	0.00000	65.03497	0
7144	7142	65	0.35795	2	8	1.00	0	0	13975	0.36479	0.59416	58.87386	5002.35125
7144	8960	65	0.02705	2	9	1.00	0	0	2415	0.02527	0.13688	64.22886	65.32575
7145	7147	65	0.62818	2	8	1.00	0	0	16720	0.66966	0.71090	56.28391	10503.1696
7145	8946	65	0.02705	2	9	1.00	0	0	0	0.02496	0.00000	65.03497	0
7146	7144	65	0.62718	2	8	1.00	0	0	16389	0.66432	0.69682	56.64545	10278.85302
7146	8958	65	0.02705	2	9	1.00	0	0	0	0.02496	0.00000	65.03497	0
7147	7149	65	0.44751	2	8	1.00	0	0	13621	0.45394	0.57914	59.14951	6095.53371
7147	8948	65	0.02526	2	9	1.00	0	0	3099	0.02369	0.17568	63.96371	78.28074
7148	7146	65	0.37920	2	8	1.00	0	0	14429	0.38891	0.61349	58.50209	5471.4768

7148	8956	65	0.02705	2	9	1.00	0	0	3053	0.02537	0.17305	63.98229	82.58365
7149	8950	65	0.02705	2	9	1.00	0	0	7	0.02496	0.00042	65.03278	0.18935
7149	13540	65	0.23849	2	8	1.00	0	0	18379	0.26395	0.78143	54.21276	4383.20771
7150	7151	45	0.14541	10	2	3.00	4	3	37804	0.33747	1.07155	25.85303	5497.07964
7150	8765	45	0.29414	10	3	3.00	4	3	35775	0.96740	1.19296	18.24342	10522.8585
7151	7150	45	0.14541	10	2	3.00	4	3	35775	0.29832	1.01402	29.24580	5202.04275
7151	8768	45	0.06371	10	3	4.00	4	3	37804	0.11732	0.94548	32.58158	2408.49284
7153	5536	65	0.02973	2	9	1.00	0	0	8761	0.02936	0.49663	60.76026	260.46453
7153	25200	65	1.21417	2	8	1.00	0	0	8546	1.17191	0.36335	62.16340	10376.29682
7359	927	25	0.04222	2	10	1.00	0	3	405	0.10146	0.00688	24.96564	17.0991
7359	8623	30	0.18179	10	5	1.00	0	3	5762	0.41510	0.69999	26.27637	1047.47398
7359	8656	30	0.09945	10	5	1.00	0	3	5427	0.22332	0.65921	26.71973	539.71515
8600	200	25	0.10159	2	10	1.00	5	3	77	0.24388	0.00130	24.99348	7.82243
8600	201	25	0.22994	2	10	1.00	5	3	2865	0.55724	0.04873	24.75869	658.7781
8600	8601	45	0.28104	10	3	2.00	5	3	19581	0.54340	0.97943	31.03092	5503.04424
8600	9098	45	0.35794	10	3	2.00	5	3	20006	0.71691	1.00072	29.95680	7160.94764
8601	8600	45	0.28104	10	3	2.00	5	3	19667	0.54715	0.98377	30.81837	5527.21368
8601	8631	25	0.33343	10	5	1.00	7	3	928	0.80787	0.11270	24.76351	309.42304
8601	8641	45	0.25195	10	3	2.00	7	3	19159	0.47215	0.95833	32.01778	4827.11005
8602	201	25	0.34444	2	10	1.00	5	3	696	0.82861	0.01184	24.94092	239.73024
8602	8604	40	0.26936	10	3	2.00	5	3	7514	0.42201	0.37585	38.29684	2023.97104
8602	9098	40	0.32528	10	3	2.00	5	3	6543	0.50566	0.32728	38.59662	2128.30704
8603	208	25	0.16392	2	10	1.00	6	3	869	0.39457	0.01479	24.92629	142.44648
8603	3749	40	0.08018	10	3	2.00	0	3	7601	0.12571	0.38022	38.26828	609.44818
8603	3753	35	0.08130	10	5	1.00	0	3	1901	0.14255	0.23087	34.22060	154.5513
8603	8607	40	0.20545	10	3	2.00	0	3	7152	0.32091	0.35773	38.41240	1469.3784
8604	190	25	0.25043	2	10	1.00	5	3	1796	0.60471	0.03055	24.84818	449.77228
8604	8602	40	0.26936	10	3	2.00	5	3	7096	0.42055	0.35493	38.42982	1911.37856
8604	8606	40	0.18263	10	3	2.00	5	3	7031	0.28499	0.35172	38.44972	1284.07153
8605	3759	40	0.29380	10	3	2.00	0	3	7072	0.45862	0.35375	38.43715	2077.7536
8605	3761	35	0.15998	10	5	1.00	0	3	1534	0.27902	0.18635	34.40096	245.40932
8605	3763	35	0.09148	10	5	1.00	0	3	342	0.15728	0.04150	34.89744	31.28616
8605	8608	40	0.13723	10	3	2.00	0	3	6142	0.21269	0.30724	38.71157	842.86666
8606	202	25	0.22921	2	10	1.00	5	3	2229	0.55428	0.03791	24.81187	510.90909
8606	8604	40	0.18263	10	3	2.00	5	3	6613	0.28405	0.33079	38.57595	1207.73219
8606	8608	40	0.23336	10	3	2.00	5	3	6811	0.36352	0.34068	38.51698	1589.41496
8607	918	25	0.12876	2	10	1.00	0	3	750	0.30981	0.01275	24.93641	96.57
8607	3759	40	0.10810	10	3	2.00	0	3	6869	0.16846	0.34359	38.49944	742.5389
8607	8603	40	0.20545	10	3	2.00	0	3	7434	0.32166	0.37184	38.32283	1527.3153
8607	9071	45	0.12742	10	3	1.00	6	3	3295	0.17613	0.32961	43.40583	419.8489
8608	921	25	0.23597	2	10	1.00	0	3	282	0.56687	0.00480	24.97602	66.54354
8608	922	25	0.13554	2	10	1.00	0	3	641	0.32601	0.01090	24.94562	86.88114
8608	8605	40	0.13723	10	3	2.00	0	3	6552	0.21334	0.32775	38.59389	899.13096
8608	8606	40	0.23336	10	3	2.00	5	3	6393	0.36236	0.31976	38.64029	1491.87048
8609	3751	45	0.09186	10	3	3.00	0	3	30275	0.18690	1.00956	29.48760	2781.0615
8609	8611	40	0.08985	10	3	2.00	6	3	8142	0.14156	0.40728	38.08513	731.5587
8609	9085	45	0.08414	10	3	4.00	6	3	37365	0.15278	0.93449	33.04266	3143.8911
8609	9619	40	0.08205	10	3	2.00	0	3	4694	0.12595	0.23479	39.09028	385.1427
8610	194	25	0.14212	2	10	1.00	5	3	269	0.34140	0.00457	24.97717	38.23028
8610	200	25	0.29169	2	10	1.00	5	3	27	0.70011	0.00046	24.99768	7.87563
8610	8612	40	0.14620	10	3	2.00	5	3	12242	0.24218	0.61235	36.22043	1789.7804
8610	9098	40	0.17993	10	3	2.00	5	3	12831	0.30109	0.64179	35.85697	2308.68183
8611	203	25	0.08638	2	10	1.00	6	3	0	0.20732	0.00000	25.00000	0
8611	915	25	0.09425	2	10	1.00	0	3	1262	0.22716	0.02146	24.89318	118.9435
8611	3749	40	0.05377	10	3	2.00	0	3	7465	0.08421	0.37342	38.31264	401.39305
8611	8609	40	0.08985	10	3	2.00	6	3	8283	0.14174	0.41434	38.03544	744.22755
8612	8610	40	0.14620	10	3	2.00	5	3	12695	0.24404	0.63500	35.94359	1856.009
8612	8614	30	0.15099	10	5	1.00	5	3	1246	0.30607	0.15137	29.59938	188.13354

8612	8640	40	0.05850	10	3	2.00	5	3	11153	0.09534	0.55790	36.81693	652.4505
8613	916	25	0.12405	2	10	1.00	0	3	112	0.29784	0.00190	24.99050	13.8936
8613	917	25	0.08565	2	10	1.00	0	3	782	0.20610	0.01330	24.93370	66.9783
8613	3757	35	0.10872	10	5	1.00	0	3	1547	0.18966	0.18788	34.39499	168.18984
8613	8660	35	0.20667	10	5	1.00	0	3	1663	0.36112	0.20202	34.33917	343.69221
8614	194	25	0.15634	2	10	1.00	5	3	101	0.37535	0.00172	24.99142	15.79034
8614	198	25	0.09756	2	10	1.00	5	3	979	0.23491	0.01665	24.91702	95.51124
8614	8612	30	0.15099	10	5	1.00	5	3	1177	0.30580	0.14297	29.62543	177.71523
8614	8616	30	0.18211	10	5	1.00	5	3	1961	0.37286	0.23824	29.30509	357.11771
8616	193	25	0.15870	2	10	1.00	5	3	0	0.38088	0.00000	25.00000	0
8616	8614	30	0.18211	10	5	1.00	5	3	1893	0.37248	0.22995	29.33528	344.73423
8616	8618	30	0.09754	10	5	1.00	5	3	1961	0.19970	0.23824	29.30509	191.27594
8618	8616	30	0.09754	10	5	1.00	5	3	1893	0.19950	0.22995	29.33528	184.64322
8618	8620	30	0.06715	10	5	1.00	5	3	3591	0.14184	0.43624	28.40707	241.13565
8618	8628	30	0.15686	10	5	1.00	5	3	3415	0.32996	0.41483	28.52399	535.6769
8618	8988	30	0.12711	10	5	1.00	5	3	697	0.25596	0.08464	29.79621	88.59567
8620	182	25	0.18270	2	10	1.00	5	3	134	0.43869	0.00228	24.98859	24.4818
8620	8618	30	0.06715	10	5	1.00	5	3	3771	0.14246	0.45806	28.28172	253.22265
8620	8622	30	0.13132	10	5	1.00	5	3	3460	0.27653	0.42032	28.49457	454.3672
8621	936	20	0.11419	2	10	1.00	0	0	747	0.34343	0.01270	19.94932	85.29993
8621	8655	45	0.16929	10	3	3.00	8	0	18539	0.24976	0.61823	40.66920	3138.46731
8621	8985	45	0.22955	10	3	3.00	8	0	18720	0.33935	0.62425	40.58699	4297.176
8621	23288	25	0.09748	10	5	1.00	0	0	1825	0.23902	0.22167	24.47081	177.901
8622	183	25	0.15449	2	10	1.00	5	3	267	0.37112	0.00454	24.97730	41.24883
8622	8620	30	0.13132	10	5	1.00	5	3	3633	0.27766	0.44133	28.37842	477.08556
8622	8624	30	0.07987	10	5	1.00	5	3	3729	0.16927	0.45300	28.31138	297.83523
8623	3767	30	0.08380	10	5	1.00	0	3	5762	0.19136	0.69999	26.27637	482.8556
8623	7359	30	0.18179	10	5	1.00	0	3	5427	0.40821	0.65921	26.71973	986.57433
8624	8622	30	0.07987	10	5	1.00	5	3	3896	0.17000	0.47328	28.19027	311.17352
8624	8626	30	0.25466	10	5	1.00	5	3	4250	0.54741	0.51631	27.91229	1082.305
8624	8630	30	0.11858	10	5	1.00	5	3	746	0.23891	0.09063	29.77944	88.46068
8625	929	25	0.08951	2	10	1.00	0	3	615	0.21528	0.01046	24.94781	55.04865
8625	3767	30	0.25172	10	5	1.00	0	3	6270	0.59267	0.76166	25.48305	1578.2844
8625	3769	40	0.18483	10	3	2.00	0	3	6985	0.28832	0.34941	38.46393	1291.03755
8625	8627	40	0.19790	10	3	2.00	0	3	12423	0.32881	0.62137	36.11237	2458.5117
8626	179	25	0.09488	2	10	1.00	5	3	1425	0.22881	0.02423	24.87944	135.204
8626	184	25	0.16543	2	10	1.00	5	3	26	0.39707	0.00044	24.99779	4.30118
8626	8624	30	0.25466	10	5	1.00	5	3	4375	0.54949	0.53148	27.80681	1114.1375
8626	9072	30	0.05691	10	5	1.00	5	3	4745	0.12431	0.57646	27.46774	270.03795
8627	8625	40	0.19790	10	3	2.00	0	3	12139	0.32728	0.60719	36.28094	2402.3081
8627	8647	40	0.13511	10	3	2.00	0	3	12503	0.22479	0.62540	36.06324	1689.28033
8627	8661	30	0.18361	10	5	1.00	0	3	61	0.36724	0.00736	29.99820	11.20021
8627	8679	30	0.12339	10	5	1.00	0	3	1214	0.25002	0.14743	29.61163	149.79546
8628	183	25	0.18514	2	10	1.00	5	3	487	0.44506	0.00828	24.95869	90.16318
8628	193	25	0.09012	2	10	1.00	5	3	0	0.21629	0.00000	25.00000	0
8628	8618	30	0.15686	10	5	1.00	5	3	3299	0.32911	0.40071	28.59796	517.48114
8628	9094	30	0.15855	10	5	1.00	5	3	3739	0.33610	0.45425	28.30408	592.81845
8629	207	25	0.15246	2	10	1.00	7	3	498	0.36653	0.00846	24.95776	75.92508
8629	8643	35	0.25936	10	4	1.00	7	3	892	0.44808	0.09477	34.72907	231.34912
8629	8645	35	0.21740	10	4	1.00	7	3	569	0.37441	0.06053	34.83899	123.7006
8630	180	25	0.12309	2	10	1.00	5	3	314	0.29572	0.00533	24.97336	38.65026
8630	182	25	0.14384	2	10	1.00	5	3	775	0.34612	0.01318	24.93429	111.476
8630	8624	30	0.11858	10	5	1.00	5	3	788	0.23902	0.09575	29.76499	93.44104
8630	8632	30	0.20393	10	5	1.00	5	3	451	0.40953	0.05478	29.87730	91.97243
8631	318	25	0.21085	2	10	1.00	7	3	786	0.50738	0.01337	24.93331	165.7281
8631	8601	25	0.33343	10	5	1.00	7	3	930	0.80789	0.11292	24.76297	310.0899
8631	8633	25	0.53944	10	5	1.00	7	3	334	1.29836	0.04059	24.92871	180.17296
8632	5506	45	0.06694	10	3	2.00	5	3	13265	0.10038	0.66351	40.01351	887.9591

8632	8630	30	0.20393	10	5	1.00	5	3	476	0.40964	0.05777	29.86935	97.07068
8632	8634	45	0.11569	10	3	2.00	5	3	13546	0.17445	0.67756	39.79099	1567.13674
8633	317	25	0.18745	2	10	1.00	7	3	596	0.45078	0.01013	24.94945	111.7202
8633	8631	25	0.53944	10	5	1.00	7	3	336	1.29839	0.04081	24.92822	181.25184
8633	8635	25	0.63835	10	5	1.00	7	3	363	1.53689	0.04410	24.92111	231.72105
8633	8645	30	0.35531	10	5	1.00	7	3	223	0.71183	0.02708	29.94904	79.23413
8634	180	25	0.18746	2	10	1.00	5	3	475	0.45064	0.00808	24.95967	89.0435
8634	8632	45	0.11569	10	3	2.00	5	3	13720	0.17508	0.68626	39.64817	1587.2668
8634	8636	45	0.10140	10	3	2.00	5	3	13822	0.15378	0.69139	39.56203	1401.5508
8635	314	25	0.14087	2	10	1.00	7	3	956	0.33919	0.01626	24.91894	134.67172
8635	8633	25	0.63835	10	5	1.00	7	3	361	1.53685	0.04382	24.92173	230.44435
8635	8649	25	0.20792	10	5	1.00	7	3	1162	0.50523	0.14117	24.69248	241.60304
8636	8634	45	0.10140	10	3	2.00	5	3	14018	0.15443	0.70117	39.39395	1421.4252
8636	8638	45	0.08996	10	3	2.00	5	3	14876	0.13988	0.74410	38.58887	1338.24496
8636	8694	30	0.07283	10	5	1.00	5	3	1480	0.14808	0.17977	29.50832	107.7884
8637	319	25	0.07296	2	10	1.00	7	3	1252	0.17586	0.02128	24.89403	91.34592
8637	8639	35	0.21051	10	4	1.00	7	3	1782	0.36729	0.18938	34.38916	375.12882
8637	8643	35	0.28705	10	4	1.00	7	3	1989	0.50212	0.21146	34.30109	570.94245
8638	179	25	0.19395	2	10	1.00	5	3	636	0.46648	0.01081	24.94607	123.3522
8638	8636	45	0.08996	10	3	2.00	5	3	15131	0.14084	0.75687	38.32617	1361.18476
8638	9070	45	0.09068	10	3	2.00	5	3	14241	0.13881	0.71231	39.19592	1291.37388
8639	8637	35	0.21051	10	4	1.00	7	3	1732	0.36707	0.18405	34.40987	364.60332
8639	8641	35	0.44347	10	4	1.00	7	3	1782	0.77374	0.18938	34.38916	790.26354
8640	8612	40	0.05850	10	3	2.00	5	3	11676	0.09606	0.58401	36.54223	683.046
8640	8642	40	0.21376	10	3	2.00	5	3	11153	0.34837	0.55790	36.81693	2384.06528
8641	8601	45	0.25195	10	3	2.00	7	3	19244	0.47500	0.96258	31.82524	4848.5258
8641	8639	35	0.44347	10	4	1.00	7	3	1732	0.77327	0.18405	34.40987	768.09004
8641	8669	45	0.55896	10	3	2.00	7	3	17480	0.95158	0.87433	35.24421	9770.6208
8642	195	25	0.12584	2	10	1.00	5	3	1058	0.30310	0.01800	24.91033	133.13872
8642	6005	30	0.03042	10	5	1.00	5	3	375	0.06104	0.04552	29.90163	11.4075
8642	8640	40	0.21376	10	3	2.00	5	3	11676	0.35099	0.58401	36.54223	2495.86176
8642	8644	40	0.18334	10	3	2.00	5	3	11313	0.29945	0.56586	36.73526	2074.12542
8643	8629	35	0.25936	10	4	1.00	7	3	891	0.44808	0.09474	34.72915	231.08976
8643	8637	35	0.28705	10	4	1.00	7	3	2040	0.50244	0.21679	34.27929	585.582
8643	8653	35	0.20573	10	4	1.00	7	3	3000	0.36504	0.31891	33.81457	617.19
8643	8675	25	0.28673	10	5	1.00	7	3	1175	0.69683	0.14270	24.68854	336.90775
8644	8642	40	0.18334	10	3	2.00	5	3	11834	0.30175	0.59192	36.45495	2169.64556
8644	8646	40	0.18060	10	3	2.00	5	3	12019	0.29810	0.60118	36.35037	2170.6314
8644	8968	40	0.10304	10	3	2.00	5	3	6862	0.16058	0.34323	38.50158	707.06048
8644	8998	45	0.09359	10	3	2.00	5	3	9893	0.13344	0.49486	42.08197	925.88587
8645	8629	35	0.21740	10	4	1.00	7	3	570	0.37441	0.06056	34.83892	123.918
8645	8633	30	0.35531	10	5	1.00	7	3	227	0.71186	0.02759	29.94775	80.65537
8645	8677	35	0.36012	10	4	1.00	7	3	356	0.61897	0.03789	34.90833	128.20272
8646	167	25	0.14670	2	10	1.00	5	3	127	0.35222	0.00215	24.98924	18.6309
8646	8644	40	0.18060	10	3	2.00	5	3	12303	0.29946	0.61539	36.18433	2221.9218
8646	8647	40	0.37341	10	3	2.00	5	3	12148	0.61762	0.60767	36.27542	4536.18468
8647	168	25	0.36069	2	10	1.00	5	3	189	0.86622	0.00322	24.98391	68.17041
8647	169	25	0.16274	2	10	1.00	5	3	542	0.39130	0.00921	24.95403	88.20508
8647	8627	40	0.13511	10	3	2.00	0	3	12219	0.22373	0.61117	36.23438	1650.90909
8647	8646	40	0.37341	10	3	2.00	5	3	12429	0.62048	0.62172	36.10815	4641.11289
8648	932	20	0.10354	2	10	1.00	0	3	61	0.31070	0.00104	19.99583	6.31594
8648	8661	30	0.15133	10	5	1.00	0	3	62	0.30268	0.00757	29.99767	9.38246
8649	8635	25	0.20792	10	5	1.00	7	3	1160	0.50522	0.14088	24.69320	241.1872
8649	8657	35	0.20668	10	4	1.00	7	3	2246	0.36272	0.23874	34.18711	464.20328
8649	8671	25	0.47344	10	5	1.00	7	3	1095	1.14944	0.13306	24.71308	518.4168
8649	8677	35	0.45929	10	4	1.00	7	3	354	0.78940	0.03761	34.90917	162.58866
8650	150	25	0.06351	2	10	1.00	5	3	383	0.15263	0.00652	24.96744	24.32433
8650	8652	25	0.16071	10	5	1.00	1	3	4688	0.42042	0.56947	22.93599	753.40848

8650	9062	25	0.18182	10	5	2.00	5	3	5241	0.45162	0.31831	24.15542	952.91862
8651	8656	45	0.30630	10	3	3.00	8	3	30692	0.63986	1.02347	28.72210	9400.9596
8651	8667	45	0.12194	10	3	2.00	7	3	14771	0.18908	0.73883	38.69421	1801.17574
8651	8669	45	0.12310	10	3	2.00	7	3	19153	0.23058	0.95803	32.03101	2357.7343
8651	9340	45	0.19986	10	3	2.00	7	3	16809	0.33065	0.84077	36.26654	3359.44674
8652	8650	25	0.16071	10	5	1.00	5	3	5156	0.42795	0.62628	22.53275	828.62076
8652	8654	25	0.12828	10	5	1.00	1	3	5660	0.34961	0.68755	22.01474	726.0648
8652	8684	30	0.36931	10	5	1.00	1	3	1656	0.75276	0.20113	29.43663	611.57736
8652	9566	25	0.02562	10	5	1.00	1	3	697	0.06192	0.08469	24.83005	17.85714
8653	8643	35	0.20573	10	4	1.00	7	3	3060	0.36539	0.32525	33.78244	629.5338
8653	8665	45	0.29615	10	3	2.00	7	3	16347	0.48158	0.81769	36.89762	4841.16405
8653	8667	45	0.61277	10	3	2.00	7	3	13858	0.93005	0.69318	39.53174	8491.76666
8653	24904	35	0.19190	10	4	1.00	7	3	4607	0.35137	0.48971	32.76893	884.0833
8654	9	25	0.12051	2	10	1.00	1	3	433	0.28966	0.00737	24.96320	52.18083
8654	8652	25	0.12828	10	5	1.00	1	3	6022	0.35672	0.73152	21.57605	772.50216
8654	8662	25	0.05175	10	5	1.00	1	3	5650	0.14096	0.68630	22.02640	292.3875
8655	3765	40	0.10916	10	5	1.00	0	0	1117	0.16568	0.13571	39.53018	121.93172
8655	8621	45	0.16929	10	3	3.00	8	0	17740	0.24764	0.59156	41.01636	3003.2046
8655	8656	45	0.27261	10	3	3.00	8	0	18447	0.40178	0.61516	40.71055	5028.83667
8656	7359	30	0.09945	10	5	1.00	0	3	5762	0.22709	0.69999	26.27637	573.0309
8656	8651	45	0.30630	10	3	3.00	8	3	30528	0.63313	1.01800	29.02723	9350.7264
8656	8655	45	0.27261	10	3	3.00	8	0	17643	0.39840	0.58834	41.05653	4809.65823
8656	9610	35	0.14713	10	4	2.00	7	0	8561	0.26738	0.45499	33.01634	1259.57993
8657	3747	45	0.34205	10	3	3.00	0	3	27085	0.59918	0.90321	34.25173	9264.42425
8657	8649	35	0.20668	10	4	1.00	7	3	2238	0.36269	0.23793	34.19060	462.54984
8657	8659	45	0.10804	10	3	3.00	0	3	26091	0.18321	0.87003	35.38266	2818.87164
8658	8663	45	0.36705	10	3	3.00	7	3	23518	0.58382	0.78424	37.72178	8632.2819
8658	9357	45	0.35278	10	3	3.00	7	3	18044	0.51769	0.60172	40.88727	6365.56232
8658	9389	45	0.17048	10	3	2.00	7	3	16486	0.27861	0.82461	36.71399	2810.53328
8658	9585	45	0.20715	9	3	2.00	100	3	14329	0.31776	0.71675	39.11493	2968.25235
8659	8657	45	0.10804	10	3	3.00	0	3	26067	0.18308	0.86926	35.40731	2816.27868
8659	8663	45	0.16943	10	3	3.00	7	3	26091	0.28731	0.87003	35.38266	4420.59813
8660	3737	35	0.17800	10	5	1.00	0	3	5464	0.34320	0.66370	31.11928	972.592
8660	3747	45	0.40090	10	3	3.00	0	3	32040	0.92343	1.06842	26.04863	12844.836
8660	3751	45	0.19512	10	3	3.00	0	3	30856	0.41205	1.02896	28.41159	6020.62272
8660	8613	35	0.20667	10	5	1.00	0	3	1518	0.36039	0.18443	34.40840	313.72506
8661	929	25	0.09928	2	10	1.00	0	3	1	0.23827	0.00001	24.99993	0.09928
8661	8627	30	0.18361	10	5	1.00	0	3	62	0.36725	0.00747	29.99791	11.38382
8661	8648	30	0.15133	10	5	1.00	0	3	61	0.30267	0.00745	29.99796	9.23113
8662	8654	25	0.05175	10	5	1.00	1	3	5916	0.14301	0.71870	21.71059	306.153
8662	8664	25	0.08229	10	5	1.00	1	3	5842	0.22648	0.70972	21.80151	480.73818
8662	8672	30	0.15876	10	5	1.00	1	3	3027	0.33118	0.36774	28.76185	480.56652
8663	1107	20	0.24058	2	10	1.00	7	3	2592	0.72810	0.04407	19.82524	623.58336
8663	8658	45	0.36705	10	3	3.00	7	3	23499	0.58360	0.78361	37.73618	8625.30795
8663	8659	45	0.16943	10	3	3.00	7	3	26067	0.28711	0.86926	35.40731	4416.53181
8664	8662	25	0.08229	10	5	1.00	1	3	6682	0.23987	0.81170	20.58481	549.86178
8664	8666	25	0.10916	10	5	1.00	1	3	5502	0.29518	0.66838	22.18745	600.59832
8664	8692	30	0.20077	10	5	1.00	1	3	359	0.40278	0.04355	29.90676	72.07643
8665	8653	45	0.29615	10	3	2.00	7	3	16395	0.48239	0.82005	36.83546	4855.37925
8665	9368	45	0.18912	10	3	2.00	7	3	16347	0.30753	0.81769	36.89762	3091.54464
8666	8	25	0.12820	2	10	1.00	1	3	667	0.30838	0.01135	24.94340	85.5094
8666	8664	25	0.10916	10	5	1.00	1	3	6291	0.30885	0.76419	21.20566	686.72556
8666	8668	25	0.06318	10	5	1.00	1	3	5703	0.17258	0.69280	21.96565	360.31554
8667	205	25	0.10817	2	10	1.00	7	3	1379	0.26082	0.02345	24.88329	149.16643
8667	8651	45	0.12194	10	3	2.00	7	3	13858	0.18507	0.69318	39.53174	1689.84452
8667	8653	45	0.61277	10	3	2.00	7	3	13962	0.93216	0.69840	39.44214	8555.49474
8668	37	25	0.21623	2	10	1.00	1	3	734	0.52025	0.01248	24.93778	158.71282
8668	8666	25	0.06318	10	5	1.00	1	3	6460	0.18095	0.78475	20.94988	408.1428

8668	8670	25	0.21799	10	5	1.00	1	3	5888	0.60149	0.71530	21.74531	1283.52512
8669	205	25	0.11747	2	10	1.00	7	3	419	0.28233	0.00712	24.96445	49.21993
8669	926	25	0.07228	2	10	1.00	7	3	3040	0.17527	0.05170	24.74417	219.7312
8669	8641	45	0.55896	10	3	2.00	7	3	17514	0.95311	0.87607	35.18751	9789.62544
8669	8651	45	0.12310	10	3	2.00	7	3	19926	0.24485	0.99672	30.16445	2452.8906
8670	7	25	0.15682	2	10	1.00	1	3	654	0.37721	0.01112	24.94453	102.56028
8670	36	25	0.11679	2	10	1.00	1	3	1246	0.28148	0.02119	24.89451	145.52034
8670	8668	25	0.21799	10	5	1.00	1	3	7166	0.66567	0.87051	19.64864	1562.11634
8670	9024	25	0.17615	10	5	1.00	1	3	6907	0.52382	0.83899	20.17628	1216.66805
8671	313	25	0.07796	2	10	1.00	7	3	900	0.18769	0.01531	24.92367	70.164
8671	8649	25	0.47344	10	5	1.00	7	3	1105	1.14958	0.13424	24.71009	523.1512
8671	8673	25	0.33787	10	5	1.00	7	3	798	0.81738	0.09691	24.80142	269.62026
8672	37	25	0.20473	2	10	1.00	1	3	1043	0.49310	0.01774	24.91162	213.53339
8672	39	25	0.19352	2	10	1.00	1	3	434	0.46512	0.00739	24.96313	83.98768
8672	8662	30	0.15876	10	5	1.00	1	3	2454	0.32765	0.29816	29.07159	389.59704
8672	8674	30	0.17255	10	5	1.00	1	3	2750	0.35801	0.33401	28.91769	474.5125
8673	315	25	0.06120	2	10	1.00	7	3	1058	0.14742	0.01799	24.91037	64.7496
8673	8671	25	0.33787	10	5	1.00	7	3	807	0.81748	0.09809	24.79861	272.66109
8673	8675	25	0.33703	10	5	1.00	7	3	940	0.81671	0.11423	24.75978	316.8082
8674	38	25	0.13166	2	10	1.00	1	3	1141	0.31722	0.01941	24.90331	150.22406
8674	8672	30	0.17255	10	5	1.00	1	3	2338	0.35541	0.28403	29.12918	403.4219
8674	9014	30	0.21056	10	5	1.00	1	3	2271	0.43323	0.27589	29.16163	478.18176
8674	9569	30	0.00189	10	5	1.00	5	3	1245	0.00384	0.15122	29.59985	2.35305
8675	316	25	0.11957	2	10	1.00	7	3	353	0.28731	0.00600	24.97001	42.20821
8675	8643	25	0.28673	10	5	1.00	7	3	1165	0.69674	0.14152	24.69157	334.04045
8675	8673	25	0.33703	10	5	1.00	7	3	950	0.81681	0.11541	24.75689	320.1785
8676	152	25	0.18098	2	10	1.00	5	3	519	0.43513	0.00882	24.95596	93.92862
8676	5960	45	0.13017	10	3	2.00	5	3	13728	0.19702	0.68667	39.64132	1786.97376
8676	8678	45	0.17220	10	3	2.00	5	3	13071	0.25726	0.65383	40.16125	2250.8262
8677	315	25	0.59157	2	10	1.00	7	3	7	1.41979	0.00012	24.99940	4.14099
8677	8645	35	0.36012	10	4	1.00	7	3	361	0.61899	0.03836	34.90692	130.00332
8677	8649	35	0.45929	10	4	1.00	7	3	349	0.78937	0.03714	34.91058	160.29221
8678	8676	45	0.17220	10	3	2.00	5	3	13198	0.25788	0.66019	40.06469	2272.6956
8678	8680	45	0.21231	10	3	2.00	5	3	14371	0.32599	0.71884	39.07649	3051.10701
8678	8684	30	0.13591	10	5	1.00	5	3	2295	0.27975	0.27873	29.15036	311.91345
8678	9568	30	0.04972	10	5	1.00	5	3	1274	0.10082	0.15471	29.58889	63.34328
8679	928	25	0.11750	2	10	1.00	0	3	1214	0.28317	0.02064	24.89722	142.645
8679	8627	30	0.12339	10	5	1.00	0	3	1214	0.25002	0.14743	29.61163	149.79546
8680	153	25	0.13249	2	10	1.00	5	3	792	0.31884	0.01348	24.93280	104.93208
8680	172	25	0.16847	2	10	1.00	5	3	495	0.40502	0.00841	24.95802	83.39265
8680	8678	45	0.21231	10	3	2.00	5	3	14668	0.32836	0.73367	38.79520	3114.16308
8680	8682	45	0.23021	10	3	2.00	5	3	14174	0.35186	0.70900	39.25551	3262.99654
8682	170	25	0.09203	2	10	1.00	5	3	224	0.22103	0.00381	24.98094	20.61472
8682	171	25	0.10106	2	10	1.00	5	3	172	0.24270	0.00293	24.98535	17.38232
8682	8680	45	0.23021	10	3	2.00	5	3	14473	0.35434	0.72396	38.98100	3331.82933
8682	9032	45	0.07983	10	3	2.00	5	3	14205	0.12210	0.71054	39.22792	1133.98515
8684	152	25	0.11461	2	10	1.00	5	3	559	0.27559	0.00950	24.95258	64.06699
8684	8652	30	0.36931	10	5	1.00	5	3	1795	0.75426	0.21801	29.37793	662.91145
8684	8678	30	0.13591	10	5	1.00	5	3	2145	0.27907	0.26056	29.22131	291.52695
8686	10	25	0.12673	2	10	1.00	1	3	1258	0.30545	0.02140	24.89348	159.42634
8686	8688	30	0.11479	10	5	1.00	1	3	1090	0.23223	0.13246	29.65751	125.1211
8686	9028	30	0.20117	10	5	1.00	1	3	1642	0.40996	0.19941	29.44250	330.32114
8688	7	25	0.09988	2	10	1.00	1	3	578	0.24019	0.00983	24.95096	57.73064
8688	8686	30	0.11479	10	5	1.00	1	3	845	0.23154	0.10268	29.74522	96.99755
8688	8690	30	0.33089	10	5	1.00	1	3	792	0.66704	0.09617	29.76380	262.06488
8690	8688	30	0.33089	10	5	1.00	1	3	614	0.66569	0.07458	29.82400	203.16646
8690	8692	30	0.05202	10	5	1.00	1	3	792	0.10486	0.09617	29.76380	41.19984
8692	8	25	0.14814	2	10	1.00	1	3	168	0.35575	0.00285	24.98575	24.88752

8692	9	25	0.15551	2	10	1.00	1	3	224	0.37350	0.00381	24.98097	34.83424
8692	8664	30	0.20077	10	5	1.00	1	3	409	0.40300	0.04973	29.89061	82.11493
8692	8690	30	0.05202	10	5	1.00	1	3	614	0.10465	0.07458	29.82400	31.94028
8694	157	25	0.07804	2	10	1.00	5	3	684	0.18773	0.01164	24.94195	53.37936
8694	158	25	0.11984	2	10	1.00	5	3	339	0.28794	0.00577	24.97121	40.62576
8694	8636	30	0.07283	10	5	1.00	5	3	1420	0.14796	0.17253	29.53198	103.4186
8694	8696	30	0.35838	10	5	1.00	5	3	715	0.72180	0.08680	29.79018	256.2417
8696	156	25	0.14023	2	10	1.00	5	3	463	0.33708	0.00788	24.96067	64.92649
8696	159	25	0.10894	2	10	1.00	5	3	242	0.26168	0.00411	24.97948	26.36348
8696	8694	30	0.35838	10	5	1.00	5	3	659	0.72135	0.08001	29.80905	236.17242
8696	8698	30	0.17931	10	5	1.00	5	3	484	0.36023	0.05883	29.86653	86.78604
8698	8696	30	0.17931	10	5	1.00	5	3	469	0.36017	0.05701	29.87139	84.09639
8698	8700	30	0.11098	9	5	1.00	100	0	256	0.22242	0.03115	29.93868	28.41088
8698	8702	45	0.13585	10	3	2.00	5	3	13189	0.20341	0.65971	40.07197	1791.72565
8698	8982	45	0.12634	10	3	2.00	5	3	13204	0.18922	0.66046	40.06054	1668.19336
8700	8698	30	0.11098	9	5	1.00	100	0	167	0.22222	0.02029	29.96614	18.53366
8702	54	25	0.12516	1	10	1.00	100	0	1546	0.30195	0.02629	24.86924	193.49736
8702	156	25	0.18939	2	10	1.00	5	3	575	0.45543	0.00977	24.95123	108.89925
8702	8698	45	0.13585	10	3	2.00	5	3	13228	0.20356	0.66167	40.04190	1797.0238
8702	8704	45	0.12060	10	3	2.00	5	3	13673	0.18232	0.68393	39.68675	1648.9638
8704	8702	45	0.12060	10	3	2.00	5	3	13675	0.18233	0.68402	39.68527	1649.205
8704	8706	45	0.06496	10	3	2.00	1	3	13636	0.09814	0.68205	39.71767	885.79456
8704	8714	30	0.15876	10	5	1.00	1	0	642	0.31949	0.07801	29.81456	101.92392
8706	155	25	0.03693	2	10	1.00	5	3	58	0.08865	0.00098	24.99508	2.14194
8706	8704	45	0.06496	10	3	2.00	5	3	13661	0.09819	0.68332	39.69674	887.41856
8706	8708	45	0.10909	10	3	2.00	1	3	13654	0.16486	0.68300	39.70213	1489.51486
8708	44	25	0.08224	2	10	1.00	1	3	1760	0.19856	0.02994	24.85121	144.7424
8708	154	25	0.11294	2	10	1.00	5	3	415	0.27144	0.00706	24.96475	46.8701
8708	8706	45	0.10909	10	3	2.00	5	3	13680	0.16495	0.68427	39.68114	1492.3512
8708	9062	45	0.06496	10	3	2.00	1	3	13525	0.09791	0.67651	39.80795	878.584
8714	45	25	0.12244	2	10	1.00	1	0	140	0.29399	0.00239	24.98808	17.1416
8714	54	25	0.13617	1	10	1.00	100	0	601	0.32747	0.01022	24.94903	81.83817
8714	8704	30	0.15876	10	5	1.00	1	0	619	0.31941	0.07514	29.82244	98.27244
8714	9006	30	0.39205	10	5	1.00	1	0	1173	0.79397	0.14255	29.62672	459.87465
8716	11	25	0.03278	2	10	1.00	1	3	2925	0.07947	0.04975	24.75370	95.8815
8716	8718	25	0.14332	10	5	1.00	1	3	2071	0.35273	0.25159	24.37953	296.81572
8716	9024	25	0.14181	10	5	1.00	1	3	6160	0.39777	0.74835	21.39038	873.5496
8718	8716	25	0.14332	10	5	1.00	1	3	4720	0.37535	0.57343	22.90996	676.4704
8718	8720	25	0.23545	10	5	1.00	1	3	8881	1.00128	1.07880	14.10883	2091.03145
8718	9028	25	0.28674	10	5	1.00	1	3	5337	0.76951	0.64833	22.35743	1530.33138
8720	15	25	0.17001	2	10	1.00	1	3	1483	0.41008	0.02522	24.87453	252.12483
8720	8718	25	0.23545	10	5	1.00	1	3	10041	1.51524	1.21977	9.32315	2364.15345
8720	8822	30	0.07197	10	5	1.00	1	3	9892	0.36484	1.20167	11.83624	711.92724
8720	8864	30	0.35513	10	5	1.00	1	3	2365	0.73182	0.28728	29.11608	839.88245
8720	8878	25	0.37356	10	5	1.00	1	3	1576	0.91269	0.19150	24.55775	588.73056
8722	8724	33	0.17740	10	5	1.00	1	3	1744	0.32914	0.21188	32.33943	309.3856
8722	8864	30	0.15418	10	5	1.00	1	3	1573	0.31390	0.19109	29.47067	242.52514
8723	330	25	0.23545	2	10	1.00	1	3	3529	0.57186	0.06002	24.70344	830.90305
8723	332	25	0.08392	2	10	1.00	1	3	7576	0.20660	0.12884	24.37197	635.77792
8723	8725	40	0.26344	10	3	2.00	0	0	14845	0.46045	0.74255	34.32896	3910.7668
8723	9087	40	0.18389	10	3	2.00	0	0	19988	0.41366	0.99978	26.67187	3675.59332
8724	8722	33	0.17740	10	5	1.00	1	3	1573	0.32834	0.19109	32.41774	279.0502
8724	8726	33	0.08300	10	5	1.00	1	3	1744	0.15400	0.21188	32.33943	144.752
8725	8723	40	0.26344	10	3	2.00	0	0	13064	0.44271	0.65344	35.70410	3441.58016
8725	16067	40	0.25427	10	3	2.00	0	0	14845	0.44442	0.74255	34.32896	3774.63815
8726	18	25	0.07083	2	10	1.00	1	3	1044	0.17060	0.01776	24.91152	73.94652
8726	8724	33	0.08300	10	5	1.00	1	3	1573	0.15363	0.19109	32.41774	130.559
8726	8728	33	0.16897	10	5	1.00	1	3	1866	0.31406	0.22666	32.28182	315.29802

8728	19	25	0.26141	2	10	1.00	1	3	93	0.62757	0.00158	24.99210	24.31113
8728	8726	33	0.16897	10	5	1.00	1	3	1695	0.31327	0.20588	32.36234	286.40415
8728	8730	30	0.12897	10	5	1.00	1	3	1773	0.26332	0.21539	29.38717	228.66381
8730	8728	30	0.12897	10	5	1.00	1	3	1598	0.26267	0.19415	29.46037	206.09406
8730	8732	32	0.21236	10	5	1.00	1	3	3795	0.42263	0.46100	30.14862	805.9062
8730	8866	32	0.17425	10	5	1.00	1	3	3921	0.34792	0.47626	30.05013	683.23425
8732	21	25	0.12414	2	10	1.00	1	3	778	0.29873	0.01324	24.93398	96.58092
8732	8730	32	0.21236	10	5	1.00	1	3	3544	0.42004	0.43056	30.33455	752.60384
8732	8734	35	0.48343	10	5	1.00	1	3	3618	0.87576	0.43946	33.12051	1749.04974
8734	22	25	0.07920	2	10	1.00	1	3	612	0.19047	0.01041	24.94803	48.4704
8734	8732	35	0.48343	10	5	1.00	1	3	3367	0.87068	0.40902	33.31382	1627.70881
8734	8736	35	0.41762	10	5	1.00	1	3	3673	0.75756	0.44614	33.07620	1533.91826
8736	23	25	0.15839	2	10	1.00	1	3	950	0.38136	0.01615	24.91951	150.4705
8736	8734	35	0.41762	10	5	1.00	1	3	3422	0.75309	0.41570	33.27255	1429.09564
8736	9040	30	0.07712	10	5	1.00	1	3	4286	0.16596	0.52061	27.88281	330.53632
8738	178	25	0.01345	2	10	1.00	5	3	1785	0.03247	0.03035	24.84915	24.00825
8738	8740	35	0.22741	10	2	3.00	1	3	33001	0.53152	0.93540	25.67083	7504.75741
8738	9082	35	0.19697	10	3	3.00	1	3	33079	0.63736	1.10307	18.54244	6515.57063
8740	320	25	0.12796	2	10	1.00	1	3	57	0.30717	0.00097	24.99515	7.29372
8740	321	25	0.15277	2	10	1.00	1	3	1351	0.36833	0.02298	24.88561	206.39227
8740	8738	35	0.22741	10	2	3.00	1	3	33031	0.53209	0.93625	25.64338	7511.57971
8740	9044	35	0.07174	10	3	3.00	1	3	31775	0.20809	1.05958	20.68531	2279.5385
8742	218	25	0.02867	2	10	1.00	4	3	983	0.06905	0.01672	24.91666	28.18261
8742	8744	45	0.30329	10	3	3.00	4	3	28688	0.56702	0.95665	32.09319	8700.78352
8742	9044	45	0.27180	10	3	3.00	4	3	27214	0.47830	0.90749	34.09494	7396.7652
8744	219	25	0.08025	2	10	1.00	4	3	641	0.19302	0.01090	24.94562	51.44025
8744	5532	30	0.20849	10	5	1.00	4	3	820	0.42042	0.09958	29.75408	170.9618
8744	8742	45	0.30329	10	3	3.00	4	3	27231	0.53406	0.90807	34.07355	8258.88999
8744	8746	45	0.18630	10	3	3.00	4	3	28947	0.35260	0.96527	31.70135	5392.8261
8744	8890	30	0.27047	10	5	1.00	4	3	1460	0.54981	0.17733	29.51632	394.8862
8746	216	25	0.09852	2	10	1.00	4	3	588	0.23691	0.01000	24.95011	57.92976
8746	8744	45	0.18630	10	3	3.00	4	3	26995	0.32531	0.90018	34.36116	5029.1685
8746	8748	45	0.19060	10	3	3.00	4	3	28359	0.35109	0.94567	32.57355	5405.2254
8748	5524	45	0.09655	10	3	3.00	4	3	20267	0.14548	0.67585	39.81853	1956.77885
8748	5648	45	0.07437	10	3	3.00	4	3	30981	0.15838	1.03312	28.17324	2304.05697
8748	5958	45	0.06795	10	3	3.00	4	3	34238	0.19095	1.14171	21.35093	2326.4721
8748	8746	45	0.19060	10	3	3.00	4	3	26383	0.32614	0.87978	35.06551	5028.5998
8750	5958	45	0.11561	10	3	3.00	4	3	35811	0.38169	1.19419	18.17380	4140.10971
8750	8752	45	0.21540	10	3	3.00	4	3	26635	0.37158	0.88820	34.78172	5737.179
8750	8892	30	0.17775	10	5	1.00	4	3	10242	1.02755	1.24417	10.37920	1820.5155
8752	5662	45	0.12310	10	3	3.00	4	3	26635	0.21235	0.88820	34.78172	3278.7685
8752	8750	45	0.21540	10	3	3.00	4	3	27438	0.38221	0.91497	33.81427	5910.1452
8754	1297	25	0.09075	2	10	1.00	4	3	579	0.21823	0.00985	24.95083	52.54425
8754	5662	45	0.19593	10	3	3.00	4	3	27561	0.34928	0.91907	33.65721	5400.02673
8754	9801	30	0.05704	10	5	1.00	4	3	12769	0.68904	1.55108	4.96677	728.34376
8754	9802	45	0.05652	10	3	4.00	4	3	35496	0.09746	0.88775	34.79695	2006.23392
8758	226	25	0.15314	2	10	1.00	4	3	764	0.36848	0.01299	24.93521	116.99896
8758	234	25	0.22142	2	10	1.00	4	3	4980	0.54041	0.08469	24.58358	1102.6716
8758	8762	45	0.12697	10	3	4.00	4	3	30796	0.20027	0.77020	38.03908	3910.16812
8758	9802	45	0.14703	10	3	4.00	4	3	36453	0.25994	0.91169	33.93856	5359.68459
8760	234	25	0.19716	2	10	1.00	4	3	8204	0.48639	0.13952	24.32132	1617.50064
8760	5954	30	0.14085	10	5	1.00	4	3	5183	0.31289	0.62956	27.00884	730.02555
8760	8761	45	0.16240	10	3	4.00	4	3	38827	0.31001	0.97106	31.43143	6305.5048
8760	8762	45	0.11945	10	3	4.00	4	3	31458	0.19030	0.78678	37.66265	3757.6581
8761	229	25	0.10892	2	10	1.00	4	3	884	0.26219	0.01503	24.92505	96.28528
8761	8760	45	0.16240	10	3	4.00	4	3	38677	0.30828	0.96730	31.60754	6281.1448
8761	8833	45	0.08590	10	3	4.00	4	3	40061	0.17240	1.00191	29.89403	3441.2399
8762	228	25	0.18209	2	10	1.00	4	3	765	0.43816	0.01300	24.93515	139.29885

8762	8758	45	0.12697	10	3	4.00	4	3	31458	0.20227	0.78678	37.66265	3994.22226
8762	8760	45	0.11945	10	3	4.00	4	3	30082	0.18654	0.75235	38.42041	3593.2949
8765	230	25	0.15563	2	10	1.00	4	3	0	0.37351	0.00000	25.00000	0
8765	1296	25	0.05999	2	10	1.00	4	3	525	0.14424	0.00893	24.95543	31.49475
8765	7150	45	0.29414	10	3	3.00	4	3	37804	1.19138	1.26065	14.81357	11119.66856
8765	8833	45	0.22486	10	3	4.00	4	3	35026	0.38339	0.87601	35.18965	7875.94636
8765	8898	30	0.29459	10	5	1.00	4	3	3345	0.61869	0.40631	28.56893	985.40355
8767	234	25	0.18775	2	10	1.00	4	3	6664	0.46081	0.11333	24.44591	1251.166
8767	8836	40	0.09761	10	3	3.00	4	3	30894	0.23249	1.03021	25.19154	3015.56334
8767	8837	40	0.17409	10	3	3.00	4	3	34801	0.58250	1.16048	17.93242	6058.50609
8768	7151	45	0.06371	10	3	3.00	4	3	35775	0.20953	1.19296	18.24342	2279.22525
8768	8769	45	0.17027	10	3	4.00	0	3	44362	0.43611	1.10949	23.42499	7553.51774
8768	8770	40	0.18941	10	3	2.00	3	3	13025	0.31807	0.65152	35.72963	2467.06525
8768	8938	40	0.13236	10	3	2.00	3	3	11689	0.21737	0.58470	36.53469	1547.15604
8769	877	20	0.04544	3	10	3.00	0	3	670	0.13643	0.00380	19.98481	30.4448
8769	5556	45	0.06686	10	3	4.00	0	3	43787	0.16471	1.09510	24.35431	2927.59882
8769	8768	45	0.17027	10	3	4.00	0	3	39734	0.33697	0.99375	30.31708	6765.50818
8770	271	25	0.02758	2	10	1.00	3	3	1148	0.06644	0.01952	24.90280	31.66184
8770	8768	40	0.18941	10	3	2.00	3	3	16634	0.35017	0.83203	32.45509	3150.64594
8770	8772	40	0.18732	10	3	2.00	3	3	13359	0.31658	0.66821	35.50227	2502.40788
8772	8770	40	0.18732	10	3	2.00	3	3	16968	0.35088	0.84872	32.03212	3178.44576
8772	8903	40	0.02781	10	3	4.00	3	3	42740	0.07216	1.06894	23.12556	1188.5994
8772	8904	40	0.16683	10	3	3.00	3	3	31398	0.41163	1.04701	24.31760	5238.12834
8774	26	25	0.10324	2	10	1.00	1	3	411	0.24812	0.00698	24.96513	42.43164
8774	8776	40	0.17492	10	3	2.00	1	3	19034	0.36559	0.95208	28.70703	3329.42728
8774	8900	40	0.08039	10	3	2.00	1	3	18116	0.15893	0.90617	30.34989	1456.34524
8776	8774	40	0.17492	10	3	2.00	1	3	17784	0.33991	0.88954	30.87615	3110.77728
8776	8778	35	0.10132	10	4	2.00	1	3	9290	0.18569	0.49371	32.73909	941.2628
8776	8826	40	0.20326	10	3	2.00	1	3	18163	0.40285	0.90850	30.27319	3691.81138
8778	26	25	0.12255	2	10	1.00	1	3	293	0.29442	0.00498	24.97512	35.90715
8778	8776	35	0.10132	10	4	2.00	1	3	8577	0.18416	0.45581	33.01075	869.02164
8778	8780	40	0.20563	10	3	2.00	1	3	21850	0.56665	1.09293	21.77280	4493.0155
8778	8828	45	0.19016	10	2	2.00	1	3	26154	0.49044	1.11198	23.26424	4973.44464
8780	78	25	0.04981	2	10	1.00	1	3	1673	0.12023	0.02845	24.85856	83.33213
8780	8778	40	0.20563	10	3	2.00	1	3	21102	0.51704	1.05550	23.86203	4339.20426
8780	8936	40	0.09515	10	3	2.00	1	3	21985	0.26696	1.09971	21.38445	2091.87275
8782	79	25	0.05113	2	10	1.00	1	3	3379	0.12413	0.05746	24.71597	172.76827
8782	8784	35	0.32960	10	3	2.00	1	3	14138	0.64717	0.70717	30.55754	4659.8848
8782	8936	35	0.12008	10	3	2.00	1	3	14645	0.23863	0.73254	30.19115	1758.5716
8784	55	25	0.06984	2	10	1.00	1	3	2211	0.16887	0.03761	24.81336	154.41624
8784	8782	35	0.32960	10	3	2.00	1	3	13744	0.64162	0.68747	30.82174	4530.0224
8784	8786	35	0.14609	10	3	2.00	1	3	9736	0.26733	0.48701	32.78896	1422.33224
8784	8862	22	0.17137	10	5	1.00	1	3	4114	0.50036	0.49977	20.55002	705.01618
8786	55	25	0.13143	2	10	1.00	1	3	2143	0.31773	0.03644	24.81909	281.65449
8786	56	25	0.07371	2	10	1.00	1	3	2172	0.17820	0.03693	24.81669	160.09812
8786	8784	35	0.14609	10	3	2.00	1	3	9995	0.26812	0.49995	32.69186	1460.16955
8786	8788	35	0.11026	10	3	2.00	1	3	13110	0.21194	0.65578	31.21363	1445.5086
8788	60	25	0.09089	2	10	1.00	1	3	1295	0.21909	0.02202	24.89037	117.70255
8788	8786	35	0.11026	10	3	2.00	1	3	13081	0.21182	0.65430	31.23099	1442.31106
8788	8790	35	0.06508	10	3	2.00	1	3	17357	0.14167	0.86821	27.56498	1129.59356
8788	8966	40	0.05742	10	3	2.00	1	3	27203	0.34533	1.36070	9.97603	1561.99626
8790	62	25	0.16846	2	10	1.00	1	3	524	0.40502	0.00891	24.95552	88.27304
8790	8788	35	0.06508	10	3	2.00	1	3	20409	0.17391	1.02084	22.45422	1328.21772
8790	8792	35	0.06117	10	3	2.00	1	3	17038	0.13133	0.85222	27.94742	1042.21446
8792	8790	35	0.06117	10	3	2.00	1	3	20039	0.15799	1.00236	23.23262	1225.78563
8792	8794	35	0.07190	10	3	2.00	1	3	15171	0.14488	0.75888	29.77621	1090.7949
8792	8846	30	0.11289	10	4	1.00	1	3	2770	0.23288	0.29448	29.08674	312.7053
8794	61	25	0.06859	2	10	1.00	1	3	463	0.16487	0.00787	24.96073	31.75717

8794	5946	35	0.05655	10	3	2.00	1	3	9984	0.10376	0.49939	32.69613	564.5952
8794	8792	35	0.07190	10	3	2.00	1	3	13957	0.14061	0.69812	30.68097	1003.5083
8794	9554	25	0.22404	10	4	1.00	1	3	5218	0.58366	0.55462	23.03129	1169.04072
8796	63	25	0.18196	2	10	1.00	1	3	670	0.43770	0.01139	24.94319	121.9132
8796	1188	25	0.04916	2	10	1.00	1	3	678	0.11825	0.01152	24.94251	33.33048
8796	5946	35	0.05170	10	3	2.00	1	3	12223	0.09785	0.61139	31.70277	631.9291
8796	8798	35	0.13206	10	3	2.00	1	3	8132	0.23775	0.40675	33.32771	1073.91192
8798	8796	35	0.13206	10	3	2.00	1	3	11595	0.24752	0.57998	32.01265	1531.2357
8798	8800	35	0.11858	10	3	2.00	1	3	8519	0.21425	0.42611	33.20697	1010.18302
8800	8798	35	0.11858	10	3	2.00	1	3	10628	0.21931	0.53162	32.44009	1260.26824
8800	8802	35	0.21045	10	3	1.00	1	3	5522	0.39138	0.55242	32.26309	1162.1049
8800	8860	25	0.15018	10	5	1.00	1	3	2999	0.37574	0.36432	23.98179	450.38982
8802	31	25	0.18056	2	10	1.00	1	3	1813	0.43601	0.03084	24.84677	327.35528
8802	8800	35	0.21045	10	3	1.00	1	3	5679	0.39308	0.56809	32.12307	1195.14555
8802	8804	35	0.10892	10	3	1.00	1	3	9507	0.25983	0.95111	25.15164	1035.50244
8802	8860	25	0.15567	10	5	1.00	1	3	5846	0.42850	0.71012	21.79749	910.04682
8804	5916	35	0.32195	10	4	1.00	1	3	8090	0.69566	0.85987	27.76750	2604.5755
8804	8802	35	0.10892	10	3	1.00	1	3	10067	0.28365	1.00706	23.03914	1096.49764
8804	8806	30	0.25436	10	3	1.00	1	3	9768	0.73512	0.97714	20.76102	2484.58848
8804	8810	30	0.23798	10	3	1.00	1	3	8570	0.59865	0.85737	23.85159	2039.4886
8806	31	25	0.14591	2	10	1.00	1	3	99	0.35031	0.00169	24.99156	14.44509
8806	32	25	0.04623	2	10	1.00	1	3	4881	0.11280	0.08302	24.59169	225.64863
8806	33	25	0.17174	2	10	1.00	1	3	83	0.41229	0.00141	24.99295	14.25442
8806	8804	30	0.25436	10	3	1.00	1	3	9951	0.75728	0.99545	20.15331	2531.13636
8806	8808	30	0.27936	10	3	1.00	1	3	10149	0.86181	1.01533	19.44947	2835.22464
8808	5918	35	0.25626	10	3	2.00	1	3	12874	0.49044	0.64395	31.35037	3299.09124
8808	5922	23	0.23257	10	5	1.00	1	3	1785	0.61946	0.21681	22.52635	415.13745
8808	5938	25	0.03452	10	5	1.00	1	3	3193	0.08672	0.38786	23.88608	110.22236
8808	8806	30	0.27936	10	3	1.00	1	3	10328	0.89256	1.03319	18.77934	2885.23008
8810	28	25	0.05791	2	10	1.00	1	3	5144	0.14141	0.08748	24.57010	297.88904
8810	8804	30	0.23798	10	3	1.00	1	3	8329	0.58716	0.83327	24.31838	1982.13542
8810	8812	30	0.17318	10	3	1.00	1	3	9099	0.45851	0.91023	22.66205	1575.76482
8810	8860	20	0.07189	10	5	1.00	1	3	1934	0.22071	0.23492	19.54482	139.03526
8812	8810	30	0.17318	10	3	1.00	1	3	9420	0.47646	0.94241	21.80841	1631.3556
8812	8816	30	0.18120	10	3	1.00	1	3	6044	0.39922	0.60465	27.23281	1095.1728
8812	8852	25	0.06755	10	3	2.00	1	3	3559	0.16479	0.17804	24.59499	240.41045
8816	27	25	0.04277	2	10	1.00	1	3	2659	0.10358	0.04522	24.77593	113.72543
8816	8812	30	0.18120	10	3	1.00	1	3	5408	0.39194	0.54102	27.73826	979.9296
8816	8818	30	0.12046	10	3	2.00	1	3	10299	0.25886	0.51515	27.92024	1240.61754
8816	8856	20	0.07447	10	5	1.00	1	3	4759	0.24413	0.57807	18.30323	354.40273
8818	8816	30	0.12046	10	3	2.00	1	3	8737	0.25447	0.43703	28.40266	1052.45902
8818	8820	30	0.05074	10	3	2.00	1	3	11059	0.11011	0.55319	27.64833	561.13366
8818	8850	30	0.19350	10	4	1.00	1	3	2809	0.39938	0.29863	29.06964	543.5415
8820	27	25	0.13537	2	10	1.00	1	3	1233	0.32624	0.02096	24.89562	166.91121
8820	8818	30	0.05074	10	3	2.00	1	3	9895	0.10852	0.49496	28.05402	502.0723
8820	8822	35	0.15028	10	3	2.00	1	3	12128	0.28398	0.60663	31.75153	1822.59584
8822	24	25	0.09345	2	10	1.00	1	3	967	0.22502	0.01645	24.91805	90.36615
8822	8720	30	0.07197	10	5	1.00	1	3	10392	0.43961	1.26243	9.82322	747.91224
8822	8820	35	0.15028	10	3	2.00	1	3	11099	0.27969	0.55518	32.23886	1667.95772
8822	8824	40	0.38184	10	3	2.00	1	3	18114	0.75480	0.90607	30.35296	6916.64976
8824	8822	40	0.38184	10	3	2.00	1	3	17586	0.73493	0.87964	31.17348	6715.03824
8824	8826	40	0.12667	10	3	2.00	1	3	16710	0.23486	0.83582	32.36139	2116.6557
8824	8878	25	0.09603	10	5	1.00	1	3	4054	0.24633	0.49252	23.39145	389.30562
8826	25	25	0.13801	2	10	1.00	1	3	1749	0.33321	0.02975	24.85214	241.37949
8826	8776	40	0.20326	10	3	2.00	1	3	17625	0.39196	0.88162	31.11476	3582.4575
8826	8824	40	0.12667	10	3	2.00	1	3	17247	0.24009	0.86270	31.65650	2184.67749
8828	231	25	0.30377	2	10	1.00	4	3	0	0.72904	0.00000	25.00000	0
8828	8778	45	0.19016	10	2	2.00	1	3	26111	0.48796	1.11014	23.38273	4965.26776

8828	8830	45	0.25690	10	3	3.00	4	3	25762	0.43145	0.85907	35.72546	6618.2578
8828	8874	30	0.19322	10	5	1.00	1	3	2338	0.39799	0.28397	29.12944	451.74836
8830	20	25	0.16477	2	10	1.00	1	3	2200	0.39840	0.03741	24.81433	362.494
8830	8828	45	0.25690	10	3	3.00	4	3	25924	0.43348	0.86447	35.55844	6659.8756
8830	8831	45	0.23334	10	3	3.00	4	3	25895	0.39340	0.86350	35.58871	6042.3393
8831	229	25	0.10722	2	10	1.00	4	3	3491	0.26039	0.05937	24.70663	374.30502
8831	8830	45	0.23334	10	3	3.00	4	3	26014	0.39478	0.86748	35.46388	6070.10676
8831	8833	45	0.14926	10	3	3.00	4	3	23929	0.23948	0.79797	37.39560	3571.64254
8833	8761	45	0.08590	10	3	4.00	4	3	38677	0.16306	0.96730	31.60754	3322.3543
8833	8765	45	0.22486	10	3	4.00	4	3	33557	0.37157	0.83926	36.30946	7545.62702
8833	8831	45	0.14926	10	3	3.00	4	3	26022	0.25258	0.86775	35.45530	3884.04372
8833	8834	40	0.07276	10	3	3.00	4	3	30606	0.17004	1.02060	25.67387	2226.89256
8834	232	25	0.14436	2	10	1.00	4	3	9373	0.35750	0.15940	24.22762	1353.08628
8834	8833	40	0.07276	10	3	3.00	4	3	29845	0.16240	0.99523	26.88101	2171.5222
8834	8836	40	0.16649	10	3	3.00	4	3	27906	0.33847	0.93058	29.51280	4646.06994
8836	234	25	0.21270	2	10	1.00	4	3	738	0.51176	0.01255	24.93740	156.9726
8836	8767	40	0.09761	10	3	3.00	4	3	34801	0.32660	1.16048	17.93242	3396.92561
8836	8834	40	0.16649	10	3	3.00	4	3	29845	0.37161	0.99523	26.88101	4968.89405
8836	8898	30	0.23258	10	5	2.00	4	3	7483	0.49305	0.45453	28.30246	1740.39614
8837	8767	40	0.17409	10	3	3.00	4	3	37558	0.77392	1.25242	13.49702	6538.47222
8837	8838	40	0.03470	10	3	3.00	4	3	34801	0.11610	1.16048	17.93242	1207.5947
8838	8837	40	0.03470	10	3	3.00	4	3	24687	0.06373	0.82322	32.66782	856.6389
8838	8839	40	0.04640	10	3	3.00	4	3	30310	0.10644	1.01074	26.15429	1406.384
8838	8844	30	0.15111	10	6	1.00	4	0	14087	0.75691	1.19785	11.97816	2128.68657
8839	8838	40	0.04640	10	3	3.00	4	3	34283	0.14734	1.14323	18.89300	1590.7312
8839	8840	40	0.07254	10	3	3.00	4	0	30918	0.17305	1.03103	25.14977	2242.79172
8840	8839	40	0.07254	10	3	3.00	4	0	34283	0.23036	1.14323	18.89300	2486.88882
8840	8841	40	0.02500	10	3	3.00	4	2	30918	0.05964	1.03103	25.14977	772.95
8841	5550	30	0.10716	10	6	1.00	4	0	10405	0.27636	0.88478	23.26527	1114.9998
8841	8840	40	0.02500	10	3	3.00	4	2	31373	0.06157	1.04619	24.36113	784.325
8841	8845	40	0.02866	10	3	3.00	4	2	21095	0.04916	0.70346	34.98123	604.5827
8842	8843	30	0.13015	10	6	2.00	4	3	13479	0.28402	0.57309	27.49467	1754.29185
8842	8844	63	0.31416	10	1	3.00	4	0	55819	0.36088	0.79109	52.23217	17536.09704
8843	8837	30	0.07337	10	6	2.00	4	3	12871	0.15897	0.54723	27.69275	944.34527
8843	8839	25	0.01976	10	6	1.00	4	3	608	0.04760	0.05171	24.90450	12.01408
8844	25164	63	0.02774	10	1	3.00	4	0	69906	0.03892	0.99073	42.76493	1939.19244
8845	3593	40	0.19129	10	3	3.00	4	2	31454	0.47392	1.04889	24.21752	6016.83566
8845	8841	40	0.02866	10	3	3.00	4	2	31955	0.07377	1.06559	23.31061	915.8303
8846	56	25	0.07389	2	10	1.00	1	3	1025	0.17795	0.01743	24.91316	75.73725
8846	8792	30	0.11289	10	4	1.00	1	3	6987	0.26310	0.74264	25.74557	788.76243
8846	8848	33	0.12292	10	4	1.00	1	3	2943	0.23111	0.31277	31.91126	361.75356
8848	8846	33	0.12292	10	4	1.00	1	3	7341	0.26597	0.78028	27.72935	902.35572
8848	8850	33	0.16366	10	4	1.00	1	3	6341	0.33603	0.67396	29.22250	1037.76806
8848	8862	22	0.11262	10	5	1.00	1	3	2864	0.31934	0.34795	21.16008	322.54368
8850	57	25	0.19165	2	10	1.00	1	3	509	0.46077	0.00866	24.95677	97.54985
8850	58	25	0.08978	2	10	1.00	1	3	559	0.21589	0.00951	24.95255	50.18702
8850	8818	30	0.19350	10	4	1.00	1	3	2412	0.39709	0.25636	29.23735	466.722
8850	8848	33	0.16366	10	4	1.00	1	3	10123	0.52367	1.07604	18.75168	1656.73018
8850	8858	25	0.08142	10	5	1.00	1	3	4764	0.21357	0.57873	22.87458	387.88488
8852	8812	25	0.06755	10	3	2.00	1	3	4517	0.16571	0.22594	24.45808	305.12335
8852	8854	25	0.09237	10	3	2.00	1	3	9383	0.23571	0.46933	23.51195	866.70771
8852	8860	25	0.17999	10	5	1.00	1	3	7280	0.55676	0.88432	19.39645	1310.3272
8854	8852	25	0.09237	10	3	2.00	1	3	11302	0.24134	0.56532	22.96302	1043.96574
8854	8856	25	0.08518	10	3	2.00	1	3	13753	0.23220	0.68793	22.01125	1171.48054
8854	9022	35	0.26516	10	2	2.00	1	3	22166	0.62533	0.94245	25.44184	5877.53656
8856	30	25	0.03719	2	10	1.00	1	3	1671	0.08977	0.02841	24.85875	62.14449
8856	8816	20	0.07447	10	5	1.00	1	3	5549	0.25231	0.67407	17.70985	413.23403
8856	8854	25	0.08518	10	3	2.00	1	3	13373	0.23041	0.66889	22.18297	1139.11214

8856	8858	25	0.10025	10	5	1.00	1	3	8771	0.41279	1.06553	14.57146	879.29275
8858	8850	25	0.08142	10	5	1.00	1	3	8219	0.29234	0.99836	16.71080	669.19098
8858	8856	25	0.10025	10	5	1.00	1	3	9181	0.46972	1.11529	12.80535	920.39525
8858	9553	33	0.14892	10	4	1.00	1	3	1135	0.27357	0.12061	32.66223	169.0242
8860	29	25	0.04015	2	10	1.00	1	3	5200	0.09807	0.08844	24.56548	208.78
8860	8800	25	0.15018	10	5	1.00	1	3	4952	0.39668	0.60155	22.71632	743.69136
8860	8802	25	0.15567	10	5	1.00	1	3	5417	0.41928	0.65801	22.27670	843.26439
8860	8810	20	0.07189	10	5	1.00	1	3	1371	0.21896	0.16659	19.70077	98.56119
8860	8852	25	0.17999	10	5	1.00	1	3	6318	0.51023	0.76753	21.16528	1137.17682
8862	57	25	0.16739	2	10	1.00	1	3	716	0.40271	0.01218	24.93926	119.85124
8862	8784	22	0.17137	10	5	1.00	1	3	3568	0.49332	0.43340	20.84346	611.44816
8862	8848	22	0.11262	10	5	1.00	1	3	3480	0.32352	0.42272	20.88647	391.9176
8864	14	25	0.13678	2	10	1.00	1	3	697	0.32904	0.01185	24.94087	95.33566
8864	17	25	0.38585	2	10	1.00	1	3	820	0.92862	0.01395	24.93043	316.397
8864	8720	30	0.35513	10	5	1.00	1	3	2194	0.72975	0.26649	29.19843	779.15522
8864	8722	30	0.15418	10	5	1.00	1	3	1744	0.31466	0.21188	29.39948	268.88992
8866	19	25	0.15154	2	10	1.00	1	3	356	0.36415	0.00605	24.96977	53.94824
8866	8730	32	0.17425	10	5	1.00	1	3	3996	0.34863	0.48545	29.98899	696.303
8866	8868	32	0.35153	10	5	1.00	4	3	3331	0.69193	0.40469	30.48249	1170.94643
8866	8880	30	0.17678	10	5	1.00	4	3	1462	0.35936	0.17765	29.51528	258.45236
8868	8866	32	0.35153	10	5	1.00	4	3	3434	0.69353	0.41720	30.41208	1207.15402
8868	8870	30	0.04298	10	5	1.00	4	3	3331	0.09024	0.40469	28.57734	143.16638
8870	5954	30	0.10813	10	5	1.00	4	3	5183	0.24021	0.62957	27.00882	560.43779
8870	8868	30	0.04298	10	5	1.00	4	3	3434	0.09045	0.41720	28.51133	147.59332
8870	8872	30	0.20084	10	5	1.00	1	3	3175	0.42025	0.38568	28.67414	637.667
8872	19	25	0.28092	2	10	1.00	1	3	627	0.67565	0.01067	24.94675	176.13684
8872	8870	30	0.20084	10	5	1.00	1	3	3573	0.42402	0.43407	28.41921	717.60132
8872	8876	30	0.35356	10	5	1.00	1	3	3283	0.74153	0.39878	28.60791	1160.73748
8874	20	25	0.25626	2	10	1.00	1	3	429	0.61592	0.00730	24.96353	109.93554
8874	8828	30	0.19322	10	5	1.00	1	3	2133	0.39666	0.25907	29.22704	412.13826
8874	8876	30	0.05650	10	5	1.00	1	3	2722	0.11717	0.33062	28.93275	153.793
8876	8872	30	0.35356	10	5	1.00	1	3	3680	0.74838	0.44698	28.34617	1301.1008
8876	8874	30	0.05650	10	5	1.00	1	3	2559	0.11683	0.31090	29.01821	144.5835
8876	8878	30	0.26673	10	5	1.00	1	3	3546	0.56277	0.43070	28.43786	945.82458
8878	16	25	0.13364	2	10	1.00	1	3	1810	0.32271	0.03078	24.84705	241.8884
8878	8720	25	0.37356	10	5	1.00	1	3	2408	0.92444	0.29250	24.24572	899.53248
8878	8824	25	0.09603	10	5	1.00	1	3	2988	0.24021	0.36303	23.98691	286.93764
8878	8876	30	0.26673	10	5	1.00	1	3	3780	0.56601	0.45919	28.27504	1008.2394
8880	227	25	0.05549	2	10	1.00	4	3	876	0.13358	0.01490	24.92574	48.60924
8880	8866	30	0.17678	10	5	1.00	4	3	1440	0.35926	0.17496	29.52405	254.5632
8880	8882	30	0.21861	10	5	1.00	4	3	1177	0.44275	0.14303	29.62526	257.30397
8882	8880	30	0.21861	10	5	1.00	4	3	1155	0.44262	0.14035	29.63349	252.49455
8882	8884	30	0.24767	10	5	1.00	4	3	1177	0.50161	0.14303	29.62526	291.50759
8884	1297	25	0.11460	2	10	1.00	4	3	490	0.27551	0.00834	24.95838	56.154
8884	5662	30	0.05046	10	5	1.00	4	3	3124	0.10547	0.37952	28.70466	157.63704
8884	8882	30	0.24767	10	5	1.00	4	3	1155	0.50147	0.14035	29.63349	286.05885
8884	8886	30	0.18452	10	5	1.00	4	3	2137	0.37882	0.25957	29.22512	394.31924
8886	225	25	0.15475	2	10	1.00	4	3	1156	0.37287	0.01966	24.90210	178.891
8886	8884	30	0.18452	10	5	1.00	4	3	2020	0.37813	0.24538	29.27868	372.7304
8886	8888	30	0.21147	10	5	1.00	4	3	1367	0.42933	0.16605	29.55289	289.07949
8888	8886	30	0.21147	10	5	1.00	4	3	1250	0.42868	0.15186	29.59785	264.3375
8888	8890	30	0.18485	10	5	1.00	4	3	1367	0.37530	0.16605	29.55289	252.68995
8890	220	25	0.10804	2	10	1.00	4	3	957	0.26013	0.01627	24.91890	103.39428
8890	8744	30	0.27047	10	5	1.00	4	3	1577	0.55069	0.19152	29.46924	426.53119
8890	8888	30	0.18485	10	5	1.00	4	3	1250	0.37473	0.15186	29.59785	231.0625
8892	222	25	0.12758	2	10	1.00	4	3	1995	0.30827	0.03393	24.83148	254.5221
8892	8750	30	0.17775	10	5	1.00	4	3	10248	1.02968	1.24485	10.35770	1821.582
8892	8894	30	0.33683	10	5	1.00	4	3	8522	1.08067	1.03521	18.70124	2870.46526

8894	223	25	0.13701	2	10	1.00	4	3	6185	0.33574	0.10518	24.48494	847.40685
8894	8892	30	0.33683	10	5	1.00	4	3	8527	1.08220	1.03589	18.67486	2872.14941
8894	9800	30	0.21270	10	5	1.00	4	3	7492	0.56306	0.91010	22.66536	1593.5484
8896	9800	30	0.07153	10	5	1.00	4	3	7933	0.20262	0.96370	21.18261	567.44749
8896	9801	30	0.10864	10	5	1.00	4	3	12825	1.32866	1.55791	4.90591	1393.308
8896	9803	30	0.07193	10	5	1.00	4	3	14290	1.16414	1.73589	3.70722	1027.8797
8898	232	25	0.11890	2	10	1.00	4	3	8601	0.29372	0.14627	24.28943	1022.6589
8898	233	25	0.32330	2	10	1.00	4	3	2339	0.78208	0.03977	24.80271	756.1987
8898	8765	30	0.29459	10	5	1.00	4	3	6844	0.72577	0.83134	24.35399	2016.17396
8898	8836	30	0.23258	10	5	1.00	4	3	6684	0.56501	0.81193	24.69792	1554.56472
8900	8774	40	0.08039	10	3	2.00	1	3	10489	0.12988	0.52467	37.13956	843.21071
8900	8901	40	0.06120	10	3	2.00	1	3	12616	0.10203	0.63107	35.99303	772.0992
8900	8958	30	0.23322	10	6	1.00	1	3	13084	0.90373	1.11257	15.48399	3051.45048
8901	8900	40	0.06120	10	3	2.00	1	3	18073	0.12072	0.90402	30.41965	1106.0676
8901	8902	40	0.09288	10	3	2.00	1	3	28240	0.63356	1.41257	8.79614	2622.9312
8902	8901	40	0.09288	10	3	2.00	1	3	18073	0.18320	0.90402	30.41965	1678.62024
8902	8903	40	0.02907	10	3	2.00	3	3	24182	0.11328	1.20958	15.39730	702.97074
8902	8949	30	0.09603	10	6	1.00	1	3	4058	0.19959	0.34508	28.86779	389.68974
8903	8772	40	0.02781	10	3	2.00	3	3	24182	0.10837	1.20958	15.39730	672.50142
8903	8902	40	0.02907	10	3	3.00	3	3	18073	0.04801	0.60268	36.33315	525.38211
8903	8950	30	0.20820	10	6	2.00	1	3	24667	0.68758	1.04878	18.16762	5135.6694
8904	255	25	0.17492	2	10	1.00	3	3	2541	0.42344	0.04321	24.78580	444.47172
8904	270	25	0.15018	2	10	1.00	3	3	22	0.36045	0.00037	24.99815	3.30396
8904	8772	40	0.16683	10	3	4.00	3	3	39382	0.36609	0.98493	27.34290	6570.09906
8904	8906	40	0.10472	10	3	3.00	3	3	30446	0.24227	1.01529	25.93458	3188.30512
8906	5614	45	0.21410	10	3	3.00	3	3	7573	0.29276	0.25253	43.87780	1621.3793
8906	5616	40	0.15428	10	3	3.00	3	3	30477	0.35761	1.01630	25.88522	4701.99156
8906	8904	40	0.10472	10	3	4.00	3	3	38677	0.22364	0.96732	28.09488	4050.25544
8906	8908	40	0.15960	10	3	3.00	3	3	10308	0.24874	0.34374	38.49850	1645.1568
8908	8906	40	0.15960	10	3	3.00	3	3	11175	0.24991	0.37265	38.31759	1783.53
8908	8910	40	0.17372	10	3	3.00	3	3	10308	0.27074	0.34374	38.49850	1790.70576
8910	252	25	0.18385	2	10	1.00	3	3	8071	0.45334	0.13727	24.33201	1483.85335
8910	6010	30	0.01474	10	5	1.00	1	3	2586	0.03048	0.31410	29.00458	38.11764
8910	8908	40	0.17372	10	3	3.00	3	3	11175	0.27201	0.37265	38.31759	1941.321
8910	8912	40	0.14560	10	3	3.00	3	3	10756	0.22746	0.35868	38.40644	1566.0736
8912	254	25	0.08953	2	10	1.00	3	3	1943	0.21630	0.03305	24.83584	173.95679
8912	1295	25	0.08418	2	10	1.00	1	3	111	0.20212	0.00189	24.99056	9.34398
8912	8910	40	0.14560	10	3	3.00	3	3	10524	0.22718	0.35092	38.45460	1532.2944
8912	8914	45	0.10784	10	3	3.00	3	3	12780	0.15155	0.42615	42.69430	1378.1952
8914	5636	40	0.29518	10	4	2.00	1	3	12357	0.49665	0.65672	35.66010	3647.53926
8914	5952	45	0.10096	10	3	2.00	1	3	14101	0.15406	0.70535	39.32055	1423.63696
8914	8912	45	0.10784	10	3	3.00	3	3	12497	0.15128	0.41675	42.77061	1347.67648
8914	8937	30	0.05646	10	4	2.00	3	3	20678	0.21079	1.09895	16.07100	1167.47988
8916	138	25	0.10902	2	10	1.00	1	3	1013	0.26255	0.01723	24.91416	110.43726
8916	5644	30	0.17770	10	5	1.00	1	3	1709	0.36248	0.20765	29.41418	303.6893
8916	5952	45	0.09834	10	3	2.00	1	3	13990	0.14969	0.69978	39.41813	1375.7766
8916	8918	35	0.13035	10	3	2.00	1	3	12725	0.24880	0.63653	31.43378	1658.70375
8918	134	25	0.08306	2	10	1.00	1	3	4526	0.20241	0.07698	24.62094	375.92956
8918	137	25	0.10348	2	10	1.00	1	3	3918	0.25167	0.06664	24.67119	405.43464
8918	8916	35	0.13035	10	3	2.00	1	3	12765	0.24898	0.63851	31.41167	1663.91775
8918	8920	30	0.11140	10	3	2.00	1	3	15953	0.26812	0.79798	24.93025	1777.1642
8920	135	25	0.12102	2	10	1.00	1	3	425	0.29086	0.00723	24.96393	51.4335
8920	8918	30	0.11140	10	3	2.00	1	3	15993	0.26847	0.79996	24.89790	1781.6202
8920	8922	30	0.05170	10	3	2.00	1	3	15564	0.12293	0.77853	25.23513	804.6588
8922	5848	35	0.06515	10	3	3.00	1	3	26376	0.14330	0.87956	27.27884	1718.3964
8922	8920	30	0.05170	10	3	2.00	1	3	15690	0.12341	0.78483	25.13868	811.173
8922	8924	30	0.05624	10	3	2.00	1	3	12203	0.12415	0.61040	27.18255	686.29672
8922	8964	35	0.10518	10	3	3.00	1	3	32904	0.33505	1.09723	18.83571	3460.84272

8924	81	25	0.04122	2	10	1.00	1	3	1460	0.09942	0.02484	24.87642	60.1812
8924	8922	30	0.05624	10	3	2.00	1	3	14299	0.12932	0.71524	26.09512	804.17576
8924	8925	30	0.09425	10	3	2.00	1	3	11309	0.20523	0.56567	27.55287	1065.87325
8925	8924	30	0.09425	10	3	2.00	1	3	13405	0.21257	0.67051	26.60253	1263.42125
8925	8927	30	0.11915	10	3	2.00	1	3	11309	0.25947	0.56567	27.55287	1347.46735
8926	5826	25	0.06262	10	5	1.00	1	3	3090	0.15697	0.37541	23.93731	193.4958
8926	8927	30	0.03616	10	3	2.00	1	3	13405	0.08155	0.67051	26.60253	484.7248
8926	8928	35	0.11775	10	3	2.00	1	3	8334	0.21238	0.41686	33.26534	981.3285
8927	8925	30	0.11915	10	3	2.00	1	3	13405	0.26873	0.67051	26.60253	1597.20575
8927	8926	30	0.03616	10	3	2.00	1	3	11309	0.07874	0.56567	27.55287	408.93344
8928	8926	35	0.11775	10	3	2.00	1	3	9797	0.21561	0.49003	32.76657	1153.59675
8928	8930	40	0.18372	10	3	2.00	1	3	22456	0.55027	1.12323	20.03239	4125.61632
8928	8946	30	0.43736	10	6	1.00	1	3	12250	1.42238	1.04168	18.44906	5357.66
8930	86	25	0.12044	2	10	1.00	1	3	373	0.28943	0.00635	24.96831	44.92412
8930	8928	40	0.18372	10	3	2.00	1	3	22047	0.51977	1.10278	21.20798	4050.47484
8930	8932	40	0.11477	10	3	2.00	1	3	22485	0.34521	1.12469	19.94834	2580.60345
8932	93	25	0.18361	2	10	1.00	1	3	3302	0.44561	0.05615	24.72238	606.28022
8932	5838	30	0.05739	10	5	1.00	1	3	372	0.11515	0.04518	29.90252	21.34908
8932	8930	40	0.11477	10	3	2.00	1	3	22140	0.32887	1.10746	20.93936	2541.0078
8932	8934	40	0.14527	10	3	2.00	1	3	22102	0.41404	1.10552	21.05078	3210.75754
8934	92	25	0.04365	2	10	1.00	1	3	1595	0.10534	0.02713	24.86509	69.62175
8934	5664	40	0.22011	10	3	2.00	1	3	22157	0.63218	1.10831	20.89045	4876.97727
8934	8932	40	0.14527	10	3	2.00	1	3	21798	0.39760	1.09032	21.92143	3166.59546
8936	8780	40	0.09515	10	3	2.00	1	3	21237	0.24301	1.06229	23.49251	2020.70055
8936	8782	35	0.12008	10	3	2.00	1	3	15039	0.24108	0.75224	29.88437	1805.88312
8936	8937	30	0.20953	10	4	2.00	1	3	21121	0.83498	1.12249	15.05617	4425.48313
8937	138	25	0.10558	2	10	1.00	1	3	1165	0.25440	0.01982	24.90130	123.0007
8937	1295	25	0.05489	2	10	1.00	1	3	557	0.13198	0.00947	24.95272	30.57373
8937	8914	30	0.05646	10	4	2.00	1	3	20695	0.21130	1.09986	16.03189	1168.4397
8937	8936	30	0.20953	10	4	2.00	1	3	20766	0.79224	1.10366	15.86833	4351.09998
8938	272	25	0.10301	2	10	1.00	3	3	5775	0.25208	0.09822	24.51836	594.88275
8938	8768	40	0.13236	10	3	2.00	3	3	10679	0.21435	0.53416	37.05035	1413.47244
8938	8940	40	0.26184	10	3	2.00	1	3	9264	0.41709	0.46340	37.66669	2425.68576
8940	8938	40	0.26184	10	3	2.00	1	3	8254	0.41293	0.41286	38.04595	2161.22736
8940	8942	40	0.46169	10	3	1.00	1	3	12544	2.06760	1.25486	13.39795	5791.43936
8940	8954	45	0.30464	10	6	1.00	1	3	8519	0.46900	0.72438	38.97304	2595.22816
8942	144	25	0.12084	2	10	1.00	1	3	2597	0.29258	0.04416	24.78111	313.82148
8942	3138	40	0.40106	11	3	2.00	20	0	11945	0.66122	0.59748	36.39249	4790.6617
8942	8940	40	0.46169	10	3	1.00	1	3	13232	2.51946	1.32373	10.99502	6109.08208
8944	8945	65	0.16691	10	1	4.00	1	0	86002	0.20568	0.91413	48.68986	14354.59382
8944	8963	30	0.20540	10	6	1.00	1	3	17246	2.10363	1.46647	5.85844	3542.3284
8944	18205	65	0.01332	2	9	1.00	0	0	0	0.01228	0.00000	65.03497	0
8945	8946	65	0.18914	10	1	4.00	1	0	75785	0.21257	0.80554	53.38809	14333.9749
8945	8965	30	0.05448	10	6	1.00	1	3	10217	0.13842	0.86876	23.61539	556.62216
8946	7145	65	0.02705	2	9	1.00	0	0	2760	0.02532	0.15646	64.09732	74.658
8946	8948	63	0.62886	10	1	4.00	1	0	92553	0.87310	0.98377	43.21547	58202.87958
8948	7147	65	0.02526	2	9	1.00	0	0	0	0.02330	0.00000	65.03497	0
8948	8772	30	0.26381	10	6	1.00	3	3	14183	1.35573	1.20606	11.67538	3741.61723
8948	8949	63	0.15508	10	1	4.00	1	0	81469	0.18825	0.86595	49.42736	12634.21252
8949	8950	63	0.29180	10	1	4.00	1	0	85527	0.36902	0.90909	47.44413	24956.7786
8950	7149	65	0.02705	2	9	1.00	0	0	4765	0.02567	0.27013	63.23260	128.89325
8950	8952	63	0.23238	10	1	4.00	1	0	105436	0.42503	1.12071	32.80477	24501.21768
8952	5536	63	0.61631	10	1	4.00	1	0	99689	0.97851	1.05962	37.79109	61439.32759
8952	8940	25	0.30737	10	6	1.00	1	3	6820	0.80652	0.57992	22.86659	2096.2634
8952	13540	65	0.03121	2	9	1.00	0	0	0	0.02879	0.00000	65.03497	0
8954	8956	63	0.31940	10	1	5.00	1	0	102891	0.39078	0.87492	49.03952	32863.3854
8954	13543	65	0.03792	2	9	1.00	0	0	2155	0.03537	0.12219	64.32457	81.7176
8956	7148	65	0.02705	2	9	1.00	0	0	0	0.02496	0.00000	65.03497	0

8956	8774	30	0.25290	10	6	1.00	1	3	8955	0.59541	0.76152	25.48502	2264.7195
8956	8957	63	0.20616	10	1	4.00	1	0	96988	0.30946	1.03091	39.97210	19995.04608
8957	8901	30	0.07861	10	6	1.00	1	3	15624	0.57951	1.32855	8.13942	1228.20264
8957	8958	63	0.17305	10	1	4.00	1	0	81364	0.20986	0.86484	49.47453	14080.0402
8958	7146	65	0.02705	2	9	1.00	0	0	1960	0.02521	0.11111	64.39519	53.018
8958	8960	63	0.62718	10	1	4.00	1	0	92488	0.86988	0.98308	43.25957	58006.62384
8959	8966	40	0.04413	10	3	2.00	1	3	24122	0.17037	1.20660	15.54112	1064.50386
8959	8969	40	0.04966	10	3	2.00	1	3	31401	0.46593	1.57066	6.39464	1559.37366
8960	7144	65	0.02705	2	9	1.00	0	0	0	0.02496	0.00000	65.03497	0
8960	8959	30	0.26258	10	6	2.00	1	3	18199	0.62255	0.77377	25.30657	4778.69342
8960	8961	65	0.18333	10	1	4.00	1	0	76704	0.20741	0.81530	53.03446	14062.14432
8961	8962	65	0.17461	10	1	4.00	1	0	94949	0.24458	1.00924	42.83642	16579.04489
8962	5674	63	1.23639	10	1	4.00	1	0	100613	2.00416	1.06944	37.01487	124396.9071
8962	7142	65	0.02705	2	9	1.00	0	0	4938	0.02570	0.27994	63.14872	133.5729
8963	8964	40	0.02535	10	3	3.00	1	3	34525	0.08248	1.15128	18.44149	875.20875
8963	8965	40	0.03404	10	3	2.00	1	3	28752	0.24603	1.43816	8.30193	978.71808
8964	8922	35	0.10518	10	3	3.00	1	3	31399	0.29661	1.04704	21.27645	3302.54682
8964	8946	30	0.19078	10	6	1.00	1	3	7278	0.42227	0.61888	27.10686	1388.49684
8964	8963	40	0.02535	10	3	3.00	1	3	28752	0.05348	0.95877	28.44253	728.8632
8965	8963	40	0.03404	10	3	2.00	1	3	17279	0.06461	0.86429	31.61251	588.17716
8965	8969	40	0.12625	10	3	3.00	1	3	38968	0.64414	1.29946	11.76033	4919.71
8966	8788	40	0.05742	10	3	2.00	1	3	24122	0.22167	1.20660	15.54112	1385.08524
8966	8959	40	0.04413	10	3	2.00	1	3	16601	0.08148	0.83038	32.49536	732.60213
8966	8962	30	0.13052	10	6	1.00	1	3	10602	0.34236	0.90154	22.87487	1383.77304
8968	164	25	0.05256	2	10	1.00	5	3	597	0.12641	0.01015	24.94938	31.37832
8968	167	25	0.15013	2	10	1.00	5	3	336	0.36073	0.00572	24.97145	50.44368
8968	8644	40	0.10304	10	3	2.00	5	3	6791	0.16049	0.33969	38.52296	699.74464
8968	8970	40	0.19427	10	3	2.00	5	3	6392	0.30166	0.31974	38.64041	1241.77384
8969	8928	30	0.20413	10	6	1.00	1	3	14122	1.03207	1.20083	11.86734	2882.72386
8969	8959	40	0.04966	10	3	2.00	1	3	20723	0.11982	1.03656	24.86551	1029.10418
8969	8961	30	0.05042	10	6	1.00	1	3	18245	0.60950	1.55148	4.96315	919.9129
8969	8965	40	0.12625	10	3	2.00	1	3	17279	0.23963	0.86429	31.61251	2181.47375
8970	165	25	0.09197	2	10	1.00	5	3	232	0.22091	0.00395	24.98027	21.33704
8970	166	25	0.15124	2	10	1.00	5	3	728	0.36388	0.01238	24.93827	110.10272
8970	8968	40	0.19427	10	3	2.00	5	3	6299	0.30145	0.31506	38.66728	1223.70673
8970	8972	40	0.19749	10	3	2.00	5	3	6096	0.30599	0.30494	38.72445	1203.89904
8972	3664	40	0.28535	9	4	1.00	100	0	6758	0.49277	0.71828	34.74377	1928.3953
8972	8970	40	0.19749	10	3	2.00	5	3	6006	0.30579	0.30043	38.74957	1186.12494
8972	8974	45	0.12236	10	3	2.00	5	3	16487	0.19998	0.82470	36.71172	2017.34932
8972	8984	45	0.15891	10	3	2.00	5	3	18143	0.27966	0.90751	34.09430	2883.10413
8974	165	25	0.17739	2	10	1.00	5	3	105	0.42588	0.00179	24.99106	18.62595
8974	8972	45	0.12236	10	3	2.00	5	3	16399	0.19935	0.82030	36.82906	2006.58164
8974	8976	45	0.21421	10	3	2.00	5	3	16496	0.35021	0.82514	36.69985	3533.60816
8976	163	25	0.17425	2	10	1.00	5	3	354	0.41871	0.00601	24.96997	61.6845
8976	8974	45	0.21421	10	3	2.00	5	3	16405	0.34905	0.82057	36.82191	3514.11505
8976	8978	45	0.12634	10	3	2.00	5	3	16432	0.20607	0.82191	36.78619	2076.01888
8978	502	20	0.21281	1	10	3.00	100	0	734	0.63897	0.00416	19.98337	156.20254
8978	8976	45	0.12634	10	3	2.00	5	3	16339	0.20539	0.81728	36.90839	2064.26926
8978	8980	45	0.20853	10	3	2.00	5	3	13169	0.31212	0.65870	40.08752	2746.13157
8978	8996	30	0.15257	10	5	1.00	5	3	5259	0.34004	0.63887	26.92087	802.36563
8980	160	25	0.15503	2	10	1.00	5	3	613	0.37284	0.01042	24.94801	95.03339
8980	8978	45	0.20853	10	3	2.00	5	3	13093	0.31167	0.65492	40.14479	2730.28329
8980	8982	45	0.21235	10	3	2.00	5	3	13352	0.31896	0.66789	39.94514	2835.2972
8981	933	25	0.05363	2	10	1.00	0	3	0	0.12872	0.00000	25.00000	0
8981	3693	30	0.30417	9	4	1.00	100	0	1351	0.61608	0.14358	29.62354	410.93367
8981	8985	45	0.16652	10	3	2.00	8	0	23853	0.54797	1.19314	18.23326	3972.00156
8981	8987	45	0.17415	10	3	2.00	8	3	23278	0.52414	1.16436	19.93570	4053.8637
8982	159	25	0.23800	2	10	1.00	5	3	113	0.57142	0.00193	24.99037	26.894

8982	8698	45	0.12634	10	3	2.00	5	3	13239	0.18935	0.66222	40.03335	1672.61526
8982	8980	45	0.21235	10	3	2.00	5	3	13318	0.31874	0.66615	39.97242	2828.0773
8983	168	25	0.22196	2	10	1.00	5	3	1534	0.53548	0.02609	24.87025	340.48664
8983	8984	45	0.06120	10	3	2.00	5	3	18436	0.10950	0.92218	33.53617	1128.2832
8983	8986	45	0.12426	10	3	2.00	8	3	17313	0.20996	0.86601	35.51005	2151.31338
8984	8972	45	0.15891	10	3	2.00	5	3	18436	0.28431	0.92218	33.53617	2929.66476
8984	8983	45	0.06120	10	3	2.00	5	3	18143	0.10771	0.90751	34.09430	1110.3516
8985	8621	45	0.22955	10	3	3.00	8	0	17045	0.33351	0.56838	41.29764	3912.67975
8985	8981	45	0.16652	10	3	2.00	8	0	24165	0.57531	1.20876	17.36655	4023.9558
8985	23122	45	0.28791	9	3	2.00	100	0	19577	0.55653	0.97925	31.03959	5636.41407
8985	23339	45	0.14692	9	3	2.00	100	0	18242	0.25997	0.91246	33.90947	2680.11464
8986	3771	45	0.15686	10	3	2.00	8	3	17313	0.26505	0.86601	35.51005	2715.71718
8986	8983	45	0.12426	10	3	2.00	8	3	17603	0.21277	0.88051	35.04114	2187.34878
8987	3772	45	0.09762	10	3	2.00	0	3	17459	0.16603	0.87329	35.27786	1704.34758
8987	8981	45	0.17415	10	3	2.00	8	3	23035	0.50506	1.15220	20.68905	4011.54525
8987	8989	40	0.12051	10	3	2.00	0	3	6899	0.18786	0.34508	38.49039	831.39849
8988	182	25	0.17129	2	10	1.00	5	3	16	0.41112	0.00026	24.99868	2.74064
8988	198	25	0.24286	2	10	1.00	5	3	80	0.58301	0.00136	24.99319	19.4288
8988	8618	30	0.12711	10	5	1.00	5	3	565	0.25558	0.06865	29.84013	71.81715
8988	8990	30	0.22703	10	5	1.00	5	3	795	0.45767	0.09657	29.76267	180.48885
8989	934	25	0.06036	2	10	1.00	0	3	163	0.14494	0.00278	24.98611	9.83868
8989	3769	40	0.14354	10	3	2.00	0	3	6865	0.22369	0.34339	38.50065	985.4021
8989	8987	40	0.12051	10	3	2.00	0	3	6946	0.18793	0.34746	38.47585	837.06246
8990	181	25	0.13974	2	10	1.00	5	3	239	0.33564	0.00407	24.97968	33.39786
8990	196	25	0.16287	2	10	1.00	5	3	230	0.39118	0.00392	24.98042	37.4601
8990	8988	30	0.22703	10	5	1.00	5	3	655	0.45694	0.07959	29.81022	148.70465
8990	8992	30	0.21978	10	5	1.00	5	3	689	0.44253	0.08366	29.79893	151.42842
8992	5500	45	0.19017	10	3	2.00	5	3	10816	0.27423	0.54104	41.60722	2056.87872
8992	5502	45	0.12502	10	3	2.00	5	3	12150	0.18382	0.60776	40.80866	1518.993
8992	8990	30	0.21978	10	5	1.00	5	3	537	0.44179	0.06520	29.84945	118.02186
8992	8994	30	0.09633	10	5	1.00	5	3	6025	0.22327	0.73193	25.88602	580.38825
8994	161	25	0.08437	2	10	1.00	5	3	43	0.20253	0.00073	24.99635	3.62791
8994	162	25	0.18628	2	10	1.00	5	3	84	0.44720	0.00143	24.99284	15.64752
8994	8992	30	0.09633	10	5	1.00	5	3	6083	0.22406	0.73890	25.79510	585.97539
8994	8996	30	0.06770	10	5	1.00	5	3	6152	0.15816	0.74727	25.68322	416.4904
8996	160	25	0.15115	2	10	1.00	5	3	466	0.36333	0.00793	24.96041	70.4359
8996	163	25	0.16245	2	10	1.00	5	3	448	0.39047	0.00761	24.96199	72.7776
8996	8978	30	0.15257	10	5	1.00	5	3	5242	0.33979	0.63676	26.94103	799.77194
8996	8994	30	0.06770	10	5	1.00	5	3	6208	0.15874	0.75416	25.58853	420.2816
8998	164	25	0.09004	2	10	1.00	5	3	428	0.21640	0.00728	24.96367	38.53712
8998	5500	45	0.15013	10	3	2.00	5	3	10295	0.21508	0.51496	41.88222	1545.58835
8998	8644	45	0.09359	10	3	2.00	5	3	10201	0.13393	0.51026	41.92988	954.71159
9006	8714	30	0.39205	10	5	1.00	1	0	1143	0.79367	0.13890	29.63793	448.11315
9006	9008	35	0.14338	10	4	1.00	1	0	4540	0.26211	0.48254	32.82180	650.9452
9008	46	25	0.13625	2	10	1.00	1	3	402	0.32745	0.00683	24.96589	54.7725
9008	47	25	0.12669	2	10	1.00	1	3	1505	0.30562	0.02560	24.87266	190.66845
9008	9006	35	0.14338	10	4	1.00	1	0	3929	0.25866	0.41761	33.26060	563.34002
9008	9010	35	0.11668	10	4	1.00	1	3	5813	0.22130	0.61784	31.63562	678.26084
9010	5888	45	0.23781	10	3	3.00	1	3	28125	0.43366	0.93789	32.90220	6688.40625
9010	9008	35	0.11668	10	4	1.00	1	3	5151	0.21671	0.54746	32.30619	601.01868
9010	9012	35	0.20664	10	3	2.00	1	3	4790	0.36270	0.23958	34.18349	989.8056
9010	9056	45	0.25470	10	3	3.00	1	3	27682	0.45618	0.92311	33.49976	7050.6054
9012	43	25	0.22983	2	10	1.00	1	3	2918	0.55706	0.04962	24.75434	670.64394
9012	9010	35	0.20664	10	3	2.00	1	3	4058	0.36109	0.20297	34.33537	838.54512
9012	9014	35	0.29851	10	3	2.00	1	3	3540	0.52010	0.17708	34.43666	1056.7254
9014	5902	33	0.17604	10	5	1.00	1	3	4091	0.34244	0.49691	30.84549	720.17964
9014	8674	30	0.21056	10	5	1.00	1	3	2438	0.43445	0.29620	29.07967	513.34528
9014	9012	35	0.29851	10	3	2.00	1	3	2759	0.51793	0.13800	34.58079	823.58909

9014	9016	30	0.17409	10	5	1.00	1	3	6371	0.41280	0.77392	25.30438	1109.12739
9016	38	25	0.15316	2	10	1.00	1	3	292	0.36795	0.00497	24.97518	44.72272
9016	9014	30	0.17409	10	5	1.00	1	3	4726	0.38002	0.57407	27.48688	822.74934
9016	9018	30	0.28271	10	5	1.00	1	3	6830	0.69562	0.82965	24.38489	1930.9093
9018	37	25	0.22017	2	10	1.00	1	3	82	0.52855	0.00139	24.99305	18.05394
9018	9016	30	0.28271	10	5	1.00	1	3	4517	0.61278	0.54876	27.68140	1277.00107
9018	9020	30	0.28011	10	5	1.00	1	3	7606	0.75329	0.92395	22.31120	2130.51666
9020	36	25	0.11438	2	10	1.00	1	3	602	0.27508	0.01024	24.94892	68.85676
9020	9018	30	0.28011	10	5	1.00	1	3	4599	0.60880	0.55869	27.60665	1288.22589
9020	9022	30	0.15682	10	5	1.00	1	3	8311	0.47867	1.00959	19.65731	1303.33102
9022	8854	35	0.26516	10	2	2.00	1	3	24466	0.73686	1.04022	21.59070	6487.40456
9022	9020	30	0.15682	10	5	1.00	1	3	4789	0.34309	0.58172	27.42536	751.01098
9022	9024	35	0.09503	10	3	2.00	1	3	22166	0.31233	1.10876	18.25627	2106.43498
9024	8670	25	0.17615	10	5	1.00	1	3	8632	0.69786	1.04863	15.14467	1520.5268
9024	8716	25	0.14181	10	5	1.00	1	3	3511	0.35874	0.42651	23.71743	497.89491
9024	9022	35	0.09503	10	3	2.00	1	3	20944	0.26833	1.04761	21.25002	1990.30832
9024	9026	35	0.21064	10	3	2.00	1	3	14057	0.41284	0.70316	30.61272	2960.96648
9026	12	25	0.06117	2	10	1.00	1	3	633	0.14713	0.01076	24.94630	38.72061
9026	9024	35	0.21064	10	3	2.00	1	3	11911	0.39668	0.59580	31.86006	2508.93304
9026	9028	35	0.14491	10	3	2.00	1	3	13442	0.28035	0.67235	31.01360	1947.88022
9028	12	25	0.16874	2	10	1.00	1	3	481	0.40563	0.00818	24.95918	81.16394
9028	8686	30	0.20117	10	5	1.00	1	3	1887	0.41142	0.22919	29.33802	379.60779
9028	8718	25	0.28674	10	5	1.00	1	3	6826	0.84635	0.82920	20.32767	1957.28724
9028	9026	35	0.14491	10	3	2.00	1	3	11395	0.27081	0.56999	32.10567	1651.24945
9028	9030	40	0.19324	10	3	2.00	1	3	19145	0.40698	0.95763	28.48822	3699.5798
9030	170	25	0.17487	2	10	1.00	5	3	152	0.41991	0.00258	24.98710	26.58024
9030	9028	40	0.19324	10	3	2.00	1	3	18733	0.39599	0.93701	29.27880	3619.96492
9030	9032	40	0.23536	10	3	2.00	1	3	18993	0.49055	0.95004	28.78663	4470.19248
9032	8682	45	0.07983	10	3	2.00	5	3	14513	0.12299	0.72593	38.94377	1158.57279
9032	9030	40	0.23536	10	3	2.00	5	3	18580	0.47778	0.92938	29.55589	4372.9888
9032	9034	45	0.16815	10	3	2.00	1	3	13441	0.25302	0.67232	39.87503	2260.10415
9034	13	25	0.10232	2	10	1.00	5	3	1196	0.24658	0.02034	24.89870	122.37472
9034	171	25	0.08651	2	10	1.00	5	3	126	0.20770	0.00214	24.98932	10.90026
9034	172	25	0.17408	2	10	1.00	5	3	1437	0.41984	0.02444	24.87837	250.15296
9034	9032	45	0.16815	10	3	2.00	5	3	13336	0.25250	0.66706	39.95819	2242.4484
9034	9036	45	0.22044	10	3	2.00	1	3	13440	0.33169	0.67229	39.87552	2962.7136
9036	173	25	0.13011	2	10	1.00	5	3	996	0.31333	0.01695	24.91556	129.58956
9036	9034	45	0.22044	10	3	2.00	5	3	13325	0.33093	0.66651	39.96678	2937.363
9036	9038	45	0.24673	10	2	2.00	1	3	13584	0.35941	0.57755	41.18855	3351.58032
9038	9036	45	0.24673	10	2	2.00	1	3	13468	0.35890	0.57263	41.24737	3322.95964
9038	9040	45	0.18970	10	3	2.00	1	3	13584	0.28626	0.67947	39.75991	2576.8848
9040	320	25	0.13308	2	10	1.00	1	3	284	0.31969	0.00484	24.97584	37.79472
9040	8736	30	0.07712	10	5	1.00	1	3	4035	0.16476	0.49018	28.08469	311.1792
9040	9038	45	0.18970	10	3	2.00	5	3	13468	0.28559	0.67369	39.85324	2554.8796
9040	9042	45	0.11815	10	3	3.00	1	3	14985	0.16865	0.49970	42.03479	1770.47775
9042	9040	45	0.11815	10	3	3.00	1	3	14737	0.16833	0.49144	42.11490	1741.17655
9042	9044	45	0.08643	10	3	3.00	1	3	14985	0.12337	0.49970	42.03479	1295.15355
9044	8740	35	0.07174	10	3	3.00	1	3	31680	0.20658	1.05642	20.83595	2272.7232
9044	8742	45	0.27180	10	3	3.00	4	3	28671	0.50773	0.95607	32.11899	7792.7778
9044	9042	45	0.08643	10	3	3.00	1	3	14737	0.12314	0.49144	42.11490	1273.71891
9044	9046	45	0.12832	10	3	3.00	4	3	17098	0.18652	0.57015	41.27685	2194.01536
9046	321	25	0.10715	2	10	1.00	1	3	2574	0.25942	0.04378	24.78301	275.8041
9046	9044	45	0.12832	10	3	3.00	4	3	18212	0.18863	0.60730	40.81464	2336.96384
9046	9048	45	0.11080	10	3	2.00	4	3	15854	0.17720	0.79300	37.51542	1756.6232
9048	6004	40	0.12875	10	3	1.00	1	3	3556	0.20104	0.35576	38.42466	457.835
9048	9046	45	0.11080	10	3	2.00	4	3	16968	0.18448	0.84875	36.03518	1880.0544
9048	9050	45	0.15443	10	3	2.00	4	3	12707	0.22919	0.63562	40.42774	1962.34201
9050	5534	30	0.17078	10	5	1.00	4	3	1405	0.34691	0.17070	29.53789	239.9459

9050	9048	45	0.15443	10	3	2.00	1	3	13769	0.23394	0.68874	39.60664	2126.34667
9050	9052	45	0.34642	10	3	2.00	4	3	12074	0.50871	0.60392	40.85873	4182.67508
9052	322	25	0.15156	2	10	1.00	1	3	3647	0.36826	0.06203	24.69366	552.73932
9052	9050	45	0.34642	10	3	2.00	1	3	13521	0.52209	0.67630	39.81128	4683.94482
9052	9054	45	0.09265	10	3	2.00	4	3	12732	0.13756	0.63685	40.41020	1179.6198
9054	214	25	0.15300	2	10	1.00	4	3	919	0.36834	0.01562	24.92214	140.607
9054	5514	45	0.15115	10	3	2.00	4	3	12960	0.22535	0.64826	40.24428	1958.904
9054	9052	45	0.09265	10	3	2.00	1	3	14226	0.14177	0.71156	39.20949	1318.0389
9056	46	25	0.20231	2	10	1.00	1	3	407	0.48623	0.00692	24.96547	82.34017
9056	9010	45	0.25470	10	3	3.00	1	3	28213	0.46620	0.94080	32.78027	7185.8511
9056	9058	45	0.15876	10	3	3.00	1	3	28037	0.28845	0.93496	33.02351	4451.15412
9058	45	25	0.15242	2	10	1.00	1	3	646	0.36660	0.01099	24.94517	98.46332
9058	9056	45	0.15876	10	3	3.00	1	3	28619	0.29588	0.95436	32.19478	4543.55244
9058	9060	45	0.04413	10	3	3.00	1	3	28233	0.08084	0.94147	32.75199	1245.92229
9060	44	25	0.09049	2	10	1.00	1	3	921	0.21785	0.01567	24.92190	83.34129
9060	9058	45	0.04413	10	3	3.00	1	3	28815	0.08299	0.96088	31.90263	1271.60595
9060	9062	45	0.08977	10	3	3.00	1	3	28617	0.16729	0.95428	32.19831	2568.94809
9060	9565	35	0.01296	10	5	1.00	3	3	3582	0.02346	0.43510	33.14903	46.42272
9062	8650	25	0.18182	10	5	2.00	5	3	4773	0.44978	0.28990	24.25453	867.82686
9062	8708	45	0.06496	10	3	2.00	5	3	13543	0.09795	0.67744	39.79280	879.75328
9062	9060	45	0.08977	10	3	3.00	1	3	29273	0.17270	0.97617	31.18838	2627.83721
9062	9064	45	0.11328	10	3	3.00	5	3	22881	0.17794	0.76301	38.19551	2591.95968
9064	154	25	0.05170	2	10	1.00	5	3	1536	0.12474	0.02612	24.87008	79.4112
9064	9062	45	0.11328	10	3	3.00	5	3	23089	0.17864	0.76993	38.04504	2615.52192
9064	9066	45	0.17344	10	3	3.00	5	3	23039	0.27326	0.76828	38.08129	3995.88416
9066	151	25	0.08409	2	10	1.00	5	3	516	0.20217	0.00878	24.95620	43.39044
9066	157	25	0.17246	2	10	1.00	5	3	268	0.41429	0.00455	24.97727	46.21928
9066	9064	45	0.17344	10	3	3.00	5	3	23246	0.27437	0.77519	37.92805	4031.78624
9066	9068	45	0.11098	10	3	3.00	5	3	22678	0.17369	0.75623	38.33957	2516.80444
9068	9066	45	0.11098	10	3	3.00	5	3	22861	0.17427	0.76232	38.21025	2537.11378
9068	9070	45	0.12051	10	3	3.00	5	3	22678	0.18860	0.75623	38.33957	2732.92578
9070	5960	45	0.08050	10	3	2.00	5	3	13041	0.12020	0.65233	40.18377	1049.8005
9070	5962	45	0.16341	10	3	3.00	5	3	25455	0.27211	0.84884	36.03250	4159.60155
9070	8638	45	0.09068	10	3	2.00	5	3	14504	0.13967	0.72547	38.95240	1315.22272
9070	9068	45	0.12051	10	3	3.00	5	3	22861	0.18924	0.76232	38.21025	2754.97911
9071	208	25	0.08980	2	10	1.00	6	3	1032	0.21628	0.01755	24.91254	92.6736
9071	209	25	0.28720	2	10	1.00	6	3	2396	0.69490	0.04075	24.79788	688.1312
9071	8607	45	0.12742	10	3	1.00	6	3	3158	0.17577	0.31588	43.49543	402.39236
9072	5962	45	0.14740	10	3	3.00	5	3	24542	0.23980	0.81838	36.87949	3617.4908
9072	8626	30	0.05691	10	5	1.00	5	3	4810	0.12460	0.58435	27.40387	273.7371
9072	9074	45	0.14221	10	3	3.00	5	3	23024	0.22399	0.76777	38.09232	3274.24304
9072	9567	30	0.06884	10	5	1.00	5	3	1430	0.13987	0.17366	29.52828	98.4412
9074	184	25	0.04333	2	10	1.00	5	3	807	0.10427	0.01373	24.93155	34.96731
9074	9072	45	0.14221	10	3	3.00	5	3	23450	0.22588	0.78197	37.77411	3334.8245
9074	9076	45	0.23334	10	3	3.00	5	3	23140	0.36836	0.77163	38.00737	5399.4876
9075	209	25	0.61256	2	10	1.00	6	3	1694	1.47861	0.02882	24.85674	1037.67664
9075	331	25	0.35885	2	10	1.00	6	3	1970	0.86701	0.03351	24.83359	706.9345
9075	9093	40	0.09494	10	4	1.00	6	3	3753	0.14935	0.39892	38.14286	356.30982
9076	177	25	0.27982	2	10	1.00	5	3	1295	0.67453	0.02203	24.89034	362.3669
9076	185	25	0.22577	2	10	1.00	5	3	924	0.54354	0.01572	24.92167	208.61148
9076	9074	45	0.23334	10	3	3.00	5	3	23566	0.37152	0.78584	37.68457	5498.89044
9076	9080	45	0.19130	10	3	3.00	5	3	23611	0.30486	0.78734	37.64946	4516.7843
9077	331	25	0.22137	2	10	1.00	6	3	66	0.53140	0.00112	24.99440	14.61042
9077	9088	40	0.04634	10	4	1.00	6	3	66	0.06952	0.00701	39.99874	3.05844
9078	329	25	0.15099	2	10	1.00	6	3	1870	0.36468	0.03181	24.84196	282.3513
9078	331	25	0.19434	2	10	1.00	6	3	3742	0.47236	0.06364	24.68579	727.22028
9078	9079	40	0.08875	10	3	2.00	6	3	5488	0.13693	0.27449	38.88954	487.06
9079	5660	45	0.24798	10	3	2.00	1	3	19289	0.46904	0.96482	31.72225	4783.28622

9079	9078	40	0.08875	10	3	2.00	6	3	5489	0.13693	0.27456	38.88916	487.14875
9079	9088	45	0.21051	10	3	2.00	6	3	18656	0.38164	0.93318	33.09627	3927.27456
9079	15064	45	0.22671	10	5	2.00	1	3	16656	0.46308	1.01166	29.37429	3776.08176
9080	186	25	0.06950	2	10	1.00	5	3	414	0.16704	0.00705	24.96480	28.773
9080	9076	45	0.19130	10	3	4.00	5	3	24045	0.28069	0.60136	40.89192	4599.8085
9080	9082	45	0.07275	10	3	3.00	5	3	23679	0.11610	0.78960	37.59629	1722.64725
9082	8738	35	0.19697	10	3	3.00	5	3	33049	0.63563	1.10207	18.59300	6509.66153
9082	9080	45	0.07275	10	3	4.00	5	3	24120	0.10681	0.60325	40.86747	1754.73
9082	9084	40	0.12254	10	3	3.00	1	3	23867	0.22088	0.79588	33.28553	2924.66218
9082	9090	45	0.10558	10	3	3.00	5	3	27467	0.18754	0.91594	33.77721	2899.96586
9084	187	25	0.05710	2	10	1.00	5	3	1729	0.13784	0.02940	24.85387	98.7259
9084	9082	40	0.12254	10	3	4.00	1	3	24058	0.20229	0.60168	36.34462	2948.06732
9084	9086	40	0.22293	10	3	3.00	1	3	23289	0.39708	0.77660	33.68561	5191.81677
9085	203	25	0.09862	2	10	1.00	6	3	0	0.23668	0.00000	25.00000	0
9085	8609	45	0.08414	10	3	4.00	6	3	37356	0.15274	0.93428	33.05119	3143.13384
9085	9095	45	0.09605	10	3	4.00	6	3	37365	0.17441	0.93449	33.04266	3588.90825
9086	189	25	0.15304	2	10	1.00	5	3	1717	0.36944	0.02920	24.85486	262.76968
9086	326	25	0.15524	2	10	1.00	1	3	5133	0.37908	0.08729	24.57102	796.84692
9086	9084	40	0.22293	10	3	4.00	1	3	23476	0.36638	0.58713	36.50805	5233.50468
9086	9093	45	0.27387	10	3	3.00	1	3	17840	0.40103	0.59489	40.97448	4885.8408
9087	8723	40	0.18389	10	3	2.00	0	0	21769	0.50144	1.08889	22.00315	4003.10141
9087	9089	40	0.15512	10	3	2.00	0	0	19988	0.34895	0.99978	26.67187	3100.53856
9088	327	25	0.17376	2	10	1.00	1	3	2416	0.42045	0.04109	24.79623	419.80416
9088	9077	40	0.04634	10	4	1.00	6	3	66	0.06952	0.00700	39.99877	3.05844
9088	9079	45	0.21051	10	3	2.00	1	3	18674	0.38206	0.93407	33.05970	3931.06374
9088	9093	45	0.24627	10	3	2.00	6	3	18108	0.43258	0.90577	34.15820	4459.45716
9089	5663	40	0.08447	10	3	2.00	1	3	21067	0.21157	1.05376	23.95610	1779.52949
9089	9087	40	0.15512	10	3	2.00	0	0	21769	0.42299	1.08889	22.00315	3376.80728
9089	9091	45	0.23163	10	3	4.00	1	3	34279	0.38843	0.85731	35.77926	7940.04477
9089	9099	45	0.08524	10	3	4.00	6	3	43944	0.21221	1.09905	24.10032	3745.78656
9090	186	25	0.05417	2	10	1.00	5	3	198	0.13010	0.00337	24.98315	10.72566
9090	187	25	0.12686	2	10	1.00	5	3	704	0.30518	0.01197	24.94029	89.30944
9090	188	25	0.15604	2	10	1.00	5	3	289	0.37486	0.00492	24.97542	45.09556
9090	189	25	0.33320	2	10	1.00	5	3	280	0.80045	0.00476	24.97621	93.296
9090	9082	45	0.10558	10	3	3.00	5	3	27688	0.18914	0.92331	33.49194	2923.29904
9090	9092	45	0.22702	10	3	3.00	5	3	28405	0.41902	0.94721	32.50723	6448.5031
9091	5519	45	0.18542	10	2	4.00	1	3	34279	0.28606	0.72871	38.89087	6356.01218
9091	9089	45	0.23163	10	3	4.00	1	3	35982	0.40434	0.89990	34.37120	8334.51066
9092	185	25	0.16435	2	10	1.00	5	3	269	0.39481	0.00458	24.97712	44.21015
9092	191	25	0.12473	2	10	1.00	5	3	536	0.29991	0.00911	24.95453	66.85528
9092	9090	45	0.22702	10	3	3.00	5	3	28643	0.42355	0.95515	32.16004	6502.53386
9092	9094	45	0.30011	10	3	3.00	5	3	28355	0.55270	0.94553	32.57957	8509.61905
9093	326	25	0.26096	2	10	1.00	1	3	2496	0.63163	0.04245	24.78956	651.35616
9093	9075	40	0.09494	10	4	1.00	6	3	3569	0.14884	0.37941	38.27362	338.84086
9093	9086	45	0.27387	10	3	3.00	1	3	17851	0.40108	0.59527	40.96960	4888.85337
9093	9088	45	0.24627	10	3	2.00	1	3	18126	0.43299	0.90666	34.12550	4463.89002
9094	8628	30	0.15855	10	5	1.00	5	3	3629	0.33519	0.44086	28.38107	575.37795
9094	9092	45	0.30011	10	3	3.00	5	3	28585	0.55841	0.95320	32.24622	8578.64435
9094	9096	45	0.21330	10	3	3.00	5	3	29504	0.41534	0.98386	30.81388	6293.2032
9095	208	25	0.34594	2	10	1.00	6	3	1579	0.83471	0.02685	24.86645	546.23926
9095	1229	25	0.08470	2	10	1.00	0	3	638	0.20371	0.01086	24.94584	54.0386
9095	9085	45	0.09605	10	3	4.00	6	3	37356	0.17436	0.93428	33.05119	3588.0438
9095	9097	45	0.21768	10	3	4.00	6	3	39542	0.42737	0.98894	30.56090	8607.50256
9096	192	25	0.10134	2	10	1.00	5	3	1446	0.24442	0.02459	24.87763	146.53764
9096	9094	45	0.21330	10	3	3.00	5	3	29624	0.41803	0.98785	30.61534	6318.7992
9096	9098	45	0.17850	10	3	3.00	5	3	28846	0.33622	0.96193	31.85488	5149.011
9097	9095	45	0.21768	10	3	4.00	6	3	39552	0.42755	0.98920	30.54748	8609.67936
9097	9099	45	0.32630	10	3	4.00	6	3	43953	0.81283	1.09926	24.08617	14341.8639

9097	9615	35	0.12269	10	3	1.00	0	3	4635	0.22337	0.46369	32.95636	568.66815
9098	8600	45	0.35794	10	3	2.00	5	3	19937	0.71262	0.99725	30.13713	7136.24978
9098	8602	40	0.32528	10	3	2.00	5	3	6945	0.50724	0.34741	38.47615	2259.0696
9098	8610	40	0.17993	10	3	2.00	5	3	12378	0.29873	0.61914	36.13945	2227.17354
9098	9096	45	0.17850	10	3	3.00	5	3	28966	0.33816	0.96592	31.67152	5170.431
9099	204	25	0.23922	2	10	1.00	6	3	0	0.57414	0.00000	25.00000	0
9099	9089	45	0.08524	10	3	4.00	6	3	43953	0.21233	1.09926	24.08617	3746.55372
9099	9097	45	0.32630	10	3	4.00	6	3	43944	0.81235	1.09905	24.10032	14338.9272
9100	3708	45	0.07462	9	4	1.00	100	3	1845	0.10134	0.19612	44.18055	137.6739
9100	9102	30	0.05739	10	5	1.00	0	3	7135	0.14553	0.86669	23.65927	409.47765
9100	9584	45	0.31245	9	7	1.00	100	3	6473	0.43498	0.45870	43.09862	2022.48885
9101	939	20	0.08703	2	10	1.00	0	3	186	0.26126	0.00316	19.98735	16.18758
9101	3707	30	0.21349	10	5	1.00	0	3	1993	0.43731	0.24205	29.29104	425.48557
9101	3736	30	0.12245	10	5	1.00	0	3	2081	0.25117	0.25281	29.25081	254.81845
9102	940	20	0.06686	2	10	1.00	0	3	142	0.20067	0.00242	19.99032	9.49412
9102	9100	30	0.05739	10	5	1.00	0	3	7378	0.14970	0.89626	23.00058	423.42342
9102	9103	30	0.05223	10	5	1.00	0	3	7012	0.13078	0.85181	23.96307	366.23676
9103	939	20	0.12589	2	10	1.00	0	3	114	0.37782	0.00194	19.99224	14.35146
9103	3707	30	0.13989	10	5	1.00	0	3	2001	0.28659	0.24304	29.28739	279.91989
9103	3739	30	0.07538	10	5	1.00	0	3	5010	0.16628	0.60857	27.19868	377.6538
9103	9102	30	0.05223	10	5	1.00	0	3	7254	0.13424	0.88117	23.34616	378.87642
9104	937	20	0.13919	2	10	1.00	0	3	1155	0.41921	0.01965	19.92172	160.76445
9104	938	20	0.17427	2	10	1.00	0	3	525	0.52373	0.00892	19.96438	91.49175
9104	3707	30	0.26902	10	5	1.00	0	3	1672	0.54846	0.20309	29.42990	449.80144
9111	12295	45	0.26647	9	3	2.00	100	0	17005	0.44435	0.85060	35.98067	4531.32235
9111	12296	45	0.07159	9	3	3.00	100	0	18277	0.10532	0.60948	40.78608	1308.45043
9111	14123	45	0.24243	9	3	2.00	100	0	16663	0.39883	0.83349	36.47149	4039.61109
9111	22686	45	0.13797	9	3	3.00	100	0	13559	0.19490	0.45215	42.47444	1870.73523
9142	15058	45	0.12877	9	3	2.00	100	0	18199	0.22731	0.91032	33.98974	2343.48523
9142	22664	45	0.32678	9	3	2.00	100	0	16090	0.52668	0.80481	37.22701	5257.8902
9142	22675	35	0.13473	23	5	1.00	901	0	1570	0.23510	0.19070	34.38398	211.5261
9142	23338	30	0.10455	10	5	1.00	0	0	759	0.21067	0.09218	29.77508	79.35345
9225	9343	35	0.08398	10	4	1.00	7	0	3164	0.14942	0.33635	33.72512	265.71272
9225	12300	35	0.10845	10	4	1.00	7	0	3777	0.19506	0.40150	33.35956	409.61565
9334	1578	20	0.10244	2	10	1.00	0	0	1457	0.30885	0.02478	19.90138	149.25508
9334	2489	45	0.21637	9	3	3.00	100	0	15922	0.31120	0.53094	41.71594	3445.04314
9334	12270	30	0.09543	10	5	1.00	0	0	1837	0.19503	0.22314	29.35971	175.30491
9334	24034	45	0.28334	9	3	3.00	100	0	16073	0.40805	0.53597	41.66212	4554.12382
9340	1355	20	0.15889	2	10	1.00	0	0	1004	0.47829	0.01707	19.93196	159.52556
9340	8651	45	0.19986	10	3	2.00	7	3	17112	0.33477	0.85595	35.82047	3420.00432
9340	9611	45	0.16116	10	3	2.00	7	3	15703	0.25655	0.78548	37.69277	2530.69548
9340	24037	35	0.14068	10	4	1.00	7	0	3553	0.25197	0.37770	33.49917	499.83604
9341	1126	25	0.13878	2	10	1.00	7	3	434	0.33356	0.00738	24.96316	60.23052
9341	9590	45	0.05759	10	3	2.00	7	3	13426	0.08663	0.67155	39.88725	773.20334
9341	9591	45	0.11446	10	3	2.00	7	3	13952	0.17407	0.69788	39.45119	1596.94592
9342	1123	25	0.06134	2	10	1.00	7	3	917	0.14768	0.01560	24.92227	56.24878
9342	9394	45	0.16834	10	3	2.00	7	3	12133	0.24744	0.60691	40.81979	2042.46922
9342	9593	45	0.21373	10	3	2.00	7	3	11460	0.31095	0.57321	41.24058	2449.3458
9343	9225	35	0.08398	10	4	1.00	7	0	3777	0.15105	0.40150	33.35956	317.19246
9343	9382	35	0.10818	10	4	2.00	7	0	8403	0.19626	0.44660	33.07307	909.03654
9343	12161	35	0.09396	10	4	2.00	7	0	7542	0.16898	0.40083	33.36357	708.64632
9343	23265	35	0.16537	10	4	1.00	7	0	2383	0.29078	0.25332	34.12371	394.07671
9344	1358	20	0.17979	2	10	1.00	0	0	55	0.53948	0.00094	19.99625	9.88845
9344	1359	20	0.09928	2	10	1.00	0	0	1315	0.29918	0.02236	19.91097	130.5532
9344	9345	35	0.11048	10	4	1.00	7	0	1008	0.19111	0.10712	34.68784	111.36384
9344	9605	35	0.13838	10	4	1.00	7	0	1704	0.24121	0.18115	34.42107	235.79952
9345	1358	20	0.16514	2	10	1.00	0	0	258	0.49584	0.00439	19.98247	42.60612
9345	9344	35	0.11048	10	4	1.00	7	0	1171	0.19143	0.12446	34.62843	129.37208

9345	24030	35	0.16679	10	4	1.00	7	0	1273	0.28931	0.13532	34.59029	212.32367
9346	2507	35	0.23918	10	4	1.00	7	0	3601	0.42877	0.38281	33.46982	861.28718
9346	9347	35	0.07318	10	4	1.00	7	0	2865	0.12958	0.30453	33.88589	209.6607
9346	12294	30	0.18660	10	5	1.00	0	0	765	0.37605	0.09293	29.77297	142.749
9347	1317	20	0.18601	2	10	1.00	0	0	815	0.55957	0.01386	19.94472	151.59815
9347	1318	20	0.16621	2	10	1.00	0	0	657	0.49975	0.01117	19.95542	109.19997
9347	9346	35	0.07318	10	4	1.00	7	0	2862	0.12958	0.30419	33.88755	209.44116
9347	9605	35	0.19567	10	4	1.00	7	0	1896	0.34186	0.20154	34.34112	370.99032
9349	9609	45	0.28475	9	3	3.00	100	0	18744	0.42106	0.62504	40.57608	5337.354
9349	12292	35	0.10250	10	4	2.00	7	0	7223	0.18379	0.38388	33.46364	740.3575
9349	14125	45	0.10358	9	3	3.00	100	0	14125	0.14690	0.47102	42.30615	1463.0675
9349	24035	35	0.17960	10	4	2.00	7	0	1953	0.31056	0.10380	34.69900	350.7588
9351	9352	45	0.17532	9	3	3.00	100	0	17502	0.25584	0.58362	41.11476	3068.45064
9351	9593	45	0.32928	10	3	2.00	7	3	10782	0.47463	0.53932	41.62595	3550.29696
9351	23276	45	0.10340	9	3	3.00	100	0	12022	0.14463	0.40091	42.89542	1243.0748
9351	23277	40	0.15114	10	3	2.00	7	0	6754	0.23533	0.33782	38.53417	1020.79956
9352	1118	20	0.21011	2	10	1.00	0	0	1558	0.63367	0.02649	19.89460	327.35138
9352	1119	20	0.17364	2	10	1.00	0	0	366	0.52158	0.00622	19.97514	63.55224
9352	9351	45	0.17532	9	3	3.00	100	0	17263	0.25525	0.57567	41.21118	3026.54916
9352	9353	45	0.13263	9	3	3.00	100	0	16955	0.19253	0.56540	41.33254	2248.74165
9353	9352	45	0.13263	9	3	3.00	100	0	16735	0.19214	0.55806	41.41723	2219.56305
9353	9354	45	0.11620	9	3	3.00	100	0	16955	0.16868	0.56540	41.33254	1970.171
9354	1117	20	0.17931	2	10	1.00	0	0	1267	0.54025	0.02154	19.91420	227.18577
9354	9353	45	0.11620	9	3	3.00	100	0	16735	0.16833	0.55806	41.41723	1944.607
9354	9355	45	0.22447	9	3	3.00	100	0	16588	0.32475	0.55316	41.47273	3723.50836
9355	1114	20	0.16984	2	10	1.00	0	0	3872	0.51622	0.06586	19.74000	657.62048
9355	9354	45	0.22447	9	3	3.00	100	0	16368	0.32411	0.54582	41.55466	3674.12496
9355	9356	45	0.22247	9	3	3.00	100	0	15644	0.31924	0.52168	41.81312	3480.32068
9356	1116	20	0.20014	2	10	1.00	0	0	860	0.60217	0.01462	19.94168	172.1204
9356	9355	45	0.22247	9	3	3.00	100	0	15424	0.31866	0.51434	41.88853	3431.37728
9356	9386	45	0.28085	9	3	3.00	100	0	15574	0.40278	0.51934	41.83741	4373.9579
9357	1112	25	0.18402	2	10	1.00	7	3	310	0.44212	0.00528	24.97364	57.0462
9357	1575	20	0.17667	2	10	1.00	7	3	1443	0.53261	0.02454	19.90232	254.93481
9357	8658	45	0.35278	10	3	3.00	7	3	18039	0.51766	0.60155	40.88936	6363.79842
9357	9358	45	0.38420	10	3	3.00	7	3	18319	0.56545	0.61086	40.76772	7038.1598
9358	9357	45	0.38420	10	3	3.00	7	3	18324	0.56548	0.61104	40.76539	7040.0808
9358	9360	30	0.14805	10	4	1.00	7	3	4991	0.31937	0.53053	27.81351	738.91755
9358	9365	35	0.18019	10	4	1.00	7	3	3222	0.32087	0.34244	33.69306	580.57218
9358	30008	45	0.14286	10	3	3.00	7	3	15583	0.20489	0.51965	41.83414	2226.18738
9359	9577	50	0.21514	10	3	3.00	7	0	16915	0.28097	0.56405	45.94247	3639.0931
9359	24774	50	0.15153	10	3	3.00	7	0	16929	0.19792	0.56452	45.93635	2565.25137
9360	9358	30	0.14805	10	4	1.00	7	3	5020	0.31962	0.53360	27.79176	743.211
9360	25073	30	0.18881	10	4	1.00	7	3	4991	0.40730	0.53053	27.81351	942.35071
9361	1582	20	0.04508	2	10	1.00	7	3	1618	0.13598	0.02751	19.89055	72.93944
9361	25062	30	0.10610	10	4	1.00	7	3	1916	0.21632	0.20362	29.42811	203.2876
9361	25073	30	0.11173	10	4	1.00	7	3	2571	0.22979	0.27327	29.17196	287.25783
9363	3714	30	0.20043	10	4	1.00	7	3	517	0.40252	0.05497	29.87679	103.62231
9363	9364	30	0.29191	10	4	1.00	7	3	1114	0.58973	0.11838	29.69954	325.18774
9363	25079	25	0.18452	10	5	1.00	0	3	17	0.44267	0.00204	25.00933	3.13684
9364	1103	20	0.14929	2	10	1.00	7	3	429	0.44852	0.00729	19.97088	64.04541
9364	1576	20	0.14289	2	10	1.00	7	3	1095	0.43026	0.01863	19.92578	156.46455
9364	3716	30	0.19492	10	4	1.00	7	3	1965	0.39767	0.20885	29.41002	383.0178
9364	9363	30	0.29191	10	4	1.00	7	3	534	0.58632	0.05675	29.87206	155.87994
9365	1110	25	0.14531	2	10	1.00	7	3	1902	0.35099	0.03234	24.83932	276.37962
9365	9358	35	0.18019	10	4	1.00	7	3	3215	0.32084	0.34173	33.69681	579.31085
9365	9578	35	0.19088	10	4	1.00	7	3	2710	0.33720	0.28802	33.96527	517.2848
9366	9367	35	0.31003	10	4	1.00	7	3	2021	0.54252	0.21483	34.28731	626.57063
9366	9369	35	0.10466	10	4	1.00	7	3	2133	0.18341	0.22670	34.23816	223.23978

9366	9578	35	0.19191	10	4	1.00	7	3	2390	0.33746	0.25401	34.12068	458.6649
9367	1121	25	0.10061	2	10	1.00	7	3	773	0.24210	0.01314	24.93445	77.77153
9367	9366	35	0.31003	10	4	1.00	7	3	2041	0.54266	0.21699	34.27845	632.77123
9367	9368	35	0.22735	10	4	1.00	7	3	2408	0.39989	0.25598	34.11194	547.4588
9368	8665	45	0.18912	10	3	2.00	7	3	16395	0.30805	0.82005	36.83546	3100.6224
9368	9367	35	0.22735	10	4	1.00	7	3	2429	0.40000	0.25814	34.10234	552.23315
9368	9389	45	0.35754	10	3	2.00	7	3	16084	0.57614	0.80450	37.23453	5750.67336
9369	9366	35	0.10466	10	4	1.00	7	3	2102	0.18333	0.22347	34.25164	219.99532
9369	9370	35	0.16801	10	4	1.00	7	3	2133	0.29443	0.22670	34.23816	358.36533
9370	1120	25	0.19777	2	10	1.00	7	3	1148	0.47651	0.01952	24.90276	227.03996
9370	9369	35	0.16801	10	4	1.00	7	3	2102	0.29432	0.22347	34.25164	353.15702
9370	9594	35	0.13133	10	4	1.00	7	3	2295	0.23063	0.24390	34.16488	301.40235
9371	1122	25	0.12071	2	10	1.00	7	3	780	0.29048	0.01327	24.93383	94.1538
9371	1573	25	0.23413	2	10	1.00	7	3	120	0.56215	0.00205	24.98977	28.0956
9371	9372	35	0.10570	10	4	1.00	7	3	2434	0.18599	0.25871	34.09979	257.2738
9371	9594	35	0.09531	10	4	1.00	7	3	1742	0.16622	0.18519	34.40546	166.03002
9372	9371	35	0.10570	10	4	1.00	7	3	2402	0.18591	0.25531	34.11489	253.8914
9372	9373	35	0.10867	10	4	1.00	7	3	2434	0.19121	0.25871	34.09979	264.50278
9373	9372	35	0.10867	10	4	1.00	7	3	2402	0.19113	0.25531	34.11489	261.02534
9373	9574	35	0.11002	10	4	1.00	7	3	4019	0.19883	0.42720	33.20003	442.17038
9373	9588	35	0.11191	10	4	1.00	7	3	2046	0.19590	0.21743	34.27665	228.96786
9373	24907	35	0.16161	10	4	1.00	7	3	277	0.27757	0.02942	34.93363	44.76597
9374	9587	35	0.10520	10	4	1.00	7	3	95	0.18040	0.01012	34.98996	9.994
9374	9589	35	0.12481	10	4	1.00	7	3	527	0.21486	0.05599	34.85310	65.77487
9374	24906	35	0.04576	10	4	1.00	7	3	481	0.07875	0.05110	34.86819	22.01056
9375	9376	35	0.08071	10	4	1.00	7	3	3298	0.14390	0.35056	33.64974	266.18158
9375	9575	35	0.12593	10	4	1.00	7	3	2687	0.22239	0.28557	33.97683	338.37391
9375	24910	35	0.08466	10	4	1.00	7	3	730	0.14603	0.07755	34.78514	61.8018
9376	9375	35	0.08071	10	4	1.00	7	3	3243	0.14377	0.34471	33.68104	261.74253
9376	24904	35	0.09506	10	4	1.00	7	3	3298	0.16949	0.35056	33.64974	313.50788
9379	9394	35	0.16979	10	4	1.00	7	3	4318	0.30881	0.45902	32.98873	733.15322
9379	9396	35	0.10934	10	4	1.00	7	3	198	0.18767	0.02109	34.95813	21.64932
9379	9606	35	0.16630	10	4	1.00	7	3	4106	0.30109	0.43649	33.13997	682.8278
9380	1129	25	0.14667	2	10	1.00	7	3	92	0.35213	0.00156	24.99220	13.49364
9380	9597	35	0.07899	10	4	1.00	7	3	854	0.13641	0.09080	34.74213	67.45746
9380	9612	35	0.08944	10	4	1.00	7	3	938	0.15459	0.09972	34.71263	83.89472
9381	1124	25	0.12902	2	10	1.00	7	3	910	0.31060	0.01548	24.92283	117.4082
9381	12299	30	0.18894	10	5	1.00	0	0	603	0.38007	0.07329	29.82752	113.93082
9381	24911	35	0.18834	10	4	1.00	7	3	32	0.32278	0.00336	35.00928	6.02688
9381	24912	35	0.04451	10	4	1.00	7	3	946	0.07695	0.10056	34.70985	42.10646
9382	9343	35	0.10818	10	4	2.00	7	0	8276	0.19599	0.43983	33.11805	895.29768
9382	23249	35	0.10589	10	4	2.00	7	0	8403	0.19209	0.44660	33.07307	889.79367
9384	1513	20	0.05767	2	10	1.00	0	0	2	0.17300	0.00003	19.99986	0.11534
9384	24767	25	0.09846	10	5	1.00	0	0	1537	0.24043	0.18669	24.57115	151.33302
9384	25130	25	0.04902	10	5	1.00	0	0	1542	0.11971	0.18734	24.56936	75.58884
9386	1113	20	0.18560	2	10	1.00	0	0	2604	0.56172	0.04429	19.82440	483.3024
9386	9356	45	0.28085	9	3	3.00	100	0	15354	0.40206	0.51200	41.91236	4312.1709
9386	25189	45	0.13340	9	3	3.00	100	0	16121	0.19220	0.53758	41.64478	2150.5414
9387	1502	20	0.13681	2	10	1.00	0	0	0	0.41042	0.00000	20.00000	0
9387	5028	50	0.20216	10	3	3.00	7	0	7750	0.24898	0.25842	48.71585	1566.74
9387	24781	50	0.26939	10	3	3.00	7	0	7770	0.33181	0.25911	48.71145	2093.1603
9389	1112	25	0.22707	2	10	1.00	7	3	935	0.54671	0.01590	24.92077	212.31045
9389	8658	45	0.17048	10	3	2.00	7	3	16429	0.27804	0.82180	36.78926	2800.81592
9389	9368	45	0.35754	10	3	2.00	7	3	16151	0.57746	0.80788	37.14971	5774.62854
9394	9342	45	0.16834	10	3	2.00	7	3	11756	0.24599	0.58804	41.06033	1979.00504
9394	9379	35	0.16979	10	4	1.00	7	3	4261	0.30842	0.45295	33.03029	723.47519
9394	9574	35	0.14933	10	4	1.00	7	3	3993	0.26974	0.42447	33.21740	596.27469
9394	9590	45	0.05790	10	3	2.00	7	3	13847	0.08787	0.69265	39.54071	801.7413

9396	9379	35	0.10934	10	4	1.00	7	3	213	0.18770	0.02262	34.95366	23.28942
9396	24911	35	0.04188	10	4	1.00	7	3	198	0.07188	0.02109	34.95813	8.29224
9519	1419	0	0.12036	2	10	0.00	0	0	0	0.00000	0.00000	0.00000	0
9521	3712	25	0.05808	10	5	1.00	0	0	431	0.13992	0.05230	24.90321	25.03248
9521	24793	25	0.05049	10	5	1.00	0	0	437	0.12166	0.05308	24.90150	22.06413
9545	5020	25	0.17788	9	5	1.00	100	0	0	0.42669	0.00000	25.01345	0
9545	9546	25	0.19302	9	5	1.00	100	0	0	0.46299	0.00000	25.01345	0
9546	9545	25	0.19302	9	5	1.00	100	0	0	0.46299	0.00000	25.01345	0
9553	59	25	0.10502	2	10	1.00	1	3	579	0.25254	0.00985	24.95083	60.80658
9553	8798	25	0.21490	10	4	1.00	1	3	1354	0.52232	0.14390	24.68547	290.9746
9554	59	25	0.11201	2	10	1.00	1	3	821	0.26958	0.01396	24.93041	91.96021
9554	8858	33	0.14348	10	4	1.00	1	3	4999	0.28144	0.53133	30.58866	717.25652
9555	237	20	0.06707	3	10	3.00	0	3	4409	0.20222	0.02499	19.90052	295.71163
9555	249	20	0.11774	3	10	3.00	0	3	1709	0.35390	0.00969	19.96132	201.21766
9555	3456	40	0.19389	10	3	2.00	4	3	10380	0.31281	0.51921	37.18999	2012.5782
9555	3457	40	0.21960	10	3	2.00	4	3	13348	0.37105	0.66768	35.50975	2931.2208
9560	3385	35	0.56802	10	4	1.00	2	0	7535	1.17400	0.80088	29.03007	4280.0307
9560	3455	35	0.44058	9	5	1.00	100	0	1369	0.76674	0.16635	34.47725	603.15402
9560	5708	40	0.13206	10	4	1.00	2	3	8698	0.26656	0.92458	29.72606	1148.65788
9561	325	25	0.12367	2	10	1.00	1	3	3177	0.30001	0.05403	24.73276	392.89959
9561	5519	25	0.08617	10	4	1.00	1	3	7867	0.25570	0.83618	20.22025	677.89939
9561	5525	25	0.11058	10	4	1.00	1	3	5607	0.29156	0.59601	22.75569	620.02206
9562	289	25	0.08071	2	10	1.00	2	3	1507	0.19469	0.02564	24.87247	121.62997
9562	5714	35	0.02292	10	5	1.00	3	3	1507	0.03996	0.18312	34.41345	34.54044
9563	294	25	0.13929	2	10	1.00	2	3	502	0.33486	0.00854	24.95737	69.92358
9563	295	25	0.17538	2	10	1.00	2	3	1323	0.42281	0.02251	24.88797	232.02774
9563	297	25	0.41996	2	10	1.00	2	3	1232	1.01213	0.02095	24.89569	517.39072
9563	5714	35	0.02111	10	5	1.00	3	3	3020	0.03774	0.36681	33.56068	63.7522
9564	295	25	0.32542	2	10	1.00	2	3	519	0.78238	0.00882	24.95596	168.89298
9564	296	25	0.18762	2	10	1.00	2	3	1026	0.45186	0.01745	24.91306	192.49812
9564	297	25	0.10188	2	10	1.00	2	3	1951	0.24613	0.03319	24.83516	198.76788
9564	5680	35	0.01705	10	5	1.00	3	3	3361	0.03070	0.40830	33.31821	57.30505
9565	40	25	0.05041	2	10	1.00	1	3	1477	0.12160	0.02512	24.87502	74.45557
9565	41	25	0.21482	2	10	1.00	1	3	1677	0.51851	0.02852	24.85819	360.25314
9565	42	25	0.41543	2	10	1.00	1	3	481	0.99868	0.00819	24.95914	199.82183
9565	9060	35	0.01296	10	5	1.00	3	3	3514	0.02342	0.42688	33.20207	45.54144
9566	39	25	0.15060	2	10	1.00	1	3	400	0.36194	0.00680	24.96605	60.24
9566	42	25	0.31135	2	10	1.00	1	3	297	0.74799	0.00506	24.97473	92.47095
9566	8652	25	0.02562	10	5	1.00	5	3	664	0.06190	0.08065	24.83940	17.01168
9567	174	25	0.29297	2	10	1.00	5	3	356	0.70397	0.00605	24.96981	104.29732
9567	176	25	0.09403	2	10	1.00	5	3	1074	0.22650	0.01827	24.90900	100.98822
9567	9072	30	0.06884	10	5	1.00	5	3	1450	0.13991	0.17609	29.52039	99.818
9568	174	25	0.21417	2	10	1.00	5	3	1053	0.51586	0.01792	24.91074	225.52101
9568	176	25	0.49138	2	10	1.00	5	3	220	1.18019	0.00374	24.98129	108.1036
9568	8678	30	0.04972	10	5	1.00	5	3	1254	0.10079	0.15229	29.59649	62.34888
9569	41	25	0.41313	2	10	1.00	1	3	304	0.99254	0.00517	24.97415	125.59152
9569	42	25	0.15871	2	10	1.00	1	3	941	0.38213	0.01600	24.92027	149.34611
9569	8674	30	0.00189	10	5	1.00	5	3	1333	0.00384	0.16198	29.56591	2.51937
9570	5680	35	0.01155	10	5	1.00	3	0	1277	0.02008	0.15510	34.51897	14.74935
9571	5517	45	0.10367	10	3	2.00	1	3	23629	0.32942	1.18191	18.88241	2449.61843
9571	5966	45	0.17033	10	6	2.00	1	3	17985	0.26782	0.76466	38.16000	3063.38505
9571	5967	45	0.19501	10	3	3.00	1	0	26742	0.33760	0.89176	34.65859	5214.95742
9572	5523	45	0.35270	10	6	1.00	4	0	12563	0.81210	1.06826	26.05854	4430.9701
9573	1130	25	0.14082	2	10	1.00	7	3	3866	0.34241	0.06574	24.67556	544.41012
9573	9591	45	0.07245	10	3	2.00	7	3	14083	0.11050	0.70445	39.33640	1020.31335
9573	9597	45	0.11603	10	3	2.00	7	3	15202	0.18201	0.76040	38.25130	1763.88806
9574	1126	25	0.11970	2	10	1.00	7	3	38	0.28731	0.00065	24.99674	4.5486
9574	9373	35	0.11002	10	4	1.00	7	3	4032	0.19888	0.42855	33.19138	443.60064

9574	9394	35	0.14933	10	4	1.00	7	3	3981	0.26967	0.42312	33.22597	594.48273
9575	9375	35	0.12593	10	4	1.00	7	3	2743	0.22257	0.29159	33.94831	345.42599
9575	9587	35	0.10399	10	4	1.00	7	3	1186	0.18022	0.12608	34.62280	123.33214
9575	9588	35	0.09816	10	4	1.00	7	3	2134	0.17202	0.22682	34.23765	209.47344
9577	9359	50	0.21514	10	3	3.00	7	0	16929	0.28101	0.56452	45.93635	3642.10506
9577	9595	35	0.32847	9	7	1.00	100	3	311	0.56378	0.02206	34.95732	102.15417
9577	30008	45	0.14286	10	3	3.00	7	3	16638	0.20677	0.55482	41.45403	2376.90468
9578	1111	25	0.11709	2	10	1.00	7	3	1035	0.28201	0.01760	24.91230	121.18815
9578	1115	25	0.19451	2	10	1.00	7	3	686	0.46792	0.01167	24.94180	133.43386
9578	9365	35	0.19088	10	4	1.00	7	3	2700	0.33715	0.28695	33.97030	515.376
9578	9366	35	0.19191	10	4	1.00	7	3	2400	0.33751	0.25507	34.11596	460.584
9580	1577	20	0.28728	2	10	1.00	0	3	483	0.86327	0.00822	19.96717	138.75624
9580	9581	45	0.14780	9	3	2.00	100	3	10851	0.21323	0.54277	41.58828	1603.7778
9580	9585	45	0.20886	9	3	2.00	100	3	13576	0.31513	0.67908	39.76618	2835.48336
9580	25078	25	0.14029	10	5	1.00	0	3	3460	0.35449	0.42037	23.74523	485.4034
9581	9580	45	0.14780	9	3	2.00	100	3	10764	0.21299	0.53840	41.63591	1590.9192
9581	9582	45	0.08659	9	3	2.00	100	3	10851	0.12493	0.54277	41.58828	939.58809
9582	9581	45	0.08659	9	3	2.00	100	3	10764	0.12479	0.53840	41.63591	932.05476
9582	9583	45	0.17780	9	3	2.00	100	3	10851	0.25652	0.54277	41.58828	1929.3078
9582	25068	25	0.11253	10	5	1.00	0	3	1641	0.27519	0.19938	24.53550	184.66173
9583	3716	30	0.18247	10	4	1.00	7	3	2093	0.37288	0.22252	29.36196	381.90971
9583	9582	45	0.17780	9	3	2.00	100	3	11310	0.25813	0.56574	41.32856	2010.918
9583	9584	45	0.42976	9	3	2.00	100	3	9061	0.60721	0.45322	42.46514	3894.05536
9583	25049	35	0.10689	10	4	1.00	7	3	1631	0.18616	0.17332	34.45097	174.33759
9584	1102	20	0.29424	2	10	1.00	7	3	1227	0.88640	0.02086	19.91690	361.03248
9584	9100	45	0.31245	9	7	1.00	100	3	6238	0.43386	0.44206	43.20911	1949.0631
9584	9583	45	0.42976	9	3	2.00	100	3	9078	0.60732	0.45410	42.45740	3901.36128
9584	22813	45	0.25324	9	3	2.00	100	0	11919	0.37097	0.59620	40.95784	3018.36756
9585	1107	20	0.26635	2	10	1.00	7	3	2874	0.80686	0.04887	19.80639	765.4899
9585	1575	20	0.25819	2	10	1.00	7	3	362	0.77551	0.00616	19.97538	93.46478
9585	8658	45	0.20715	9	3	2.00	100	3	14409	0.31836	0.72075	39.04110	2984.82435
9585	9580	45	0.20886	9	3	2.00	100	3	13537	0.31488	0.67713	39.79791	2827.33782
9587	1130	25	0.12221	2	10	1.00	7	3	1143	0.29443	0.01944	24.90316	139.68603
9587	9374	35	0.10520	10	4	1.00	7	3	86	0.18039	0.00911	34.99288	9.0472
9587	9575	35	0.10399	10	4	1.00	7	3	1196	0.18023	0.12715	34.61906	124.37204
9588	1126	25	0.12605	2	10	1.00	7	3	135	0.30266	0.00229	24.98856	17.01675
9588	9373	35	0.11191	10	4	1.00	7	3	1999	0.19578	0.21251	34.29682	223.70809
9588	9575	35	0.09816	10	4	1.00	7	3	2181	0.17212	0.23177	34.21679	214.08696
9589	1128	25	0.07764	2	10	1.00	7	3	205	0.18646	0.00349	24.98256	15.9162
9589	1130	25	0.12471	2	10	1.00	7	3	30	0.29933	0.00051	24.99743	3.7413
9589	9374	35	0.12481	10	4	1.00	7	3	533	0.21487	0.05667	34.85099	66.52373
9589	9597	35	0.13953	10	4	1.00	7	3	647	0.24047	0.06879	34.81305	90.27591
9590	9341	45	0.05759	10	3	2.00	7	3	13847	0.08739	0.69265	39.54071	797.44873
9590	9394	45	0.05790	10	3	2.00	7	3	13426	0.08710	0.67155	39.88725	777.3654
9591	1125	25	0.09899	2	10	1.00	7	3	1583	0.23886	0.02692	24.86613	156.70117
9591	9341	45	0.11446	10	3	2.00	7	3	13530	0.17253	0.67680	39.80329	1548.6438
9591	9573	45	0.07245	10	3	2.00	7	3	14505	0.11159	0.72553	38.95131	1050.88725
9593	1119	20	0.22692	2	10	1.00	0	0	331	0.68152	0.00564	19.97748	75.11052
9593	9342	45	0.21373	10	3	2.00	7	3	11837	0.31270	0.59208	41.00988	2529.92201
9593	9351	45	0.32928	10	3	2.00	7	3	10411	0.47240	0.52074	41.82286	3428.13408
9593	23316	30	0.11922	10	5	1.00	0	0	884	0.24059	0.10742	29.73155	105.39048
9594	9370	35	0.13133	10	4	1.00	7	3	2264	0.23054	0.24067	34.17881	297.33112
9594	9371	35	0.09531	10	4	1.00	7	3	1774	0.16628	0.18858	34.39227	169.07994
9594	9596	35	0.11721	9	7	1.00	100	3	604	0.20142	0.04281	34.91411	70.79484
9595	1109	20	0.41260	2	10	1.00	0	0	54	1.23801	0.00092	19.99633	22.2804
9595	9577	35	0.32847	9	7	1.00	100	3	312	0.56378	0.02211	34.95722	102.48264
9595	30003	35	0.23034	9	7	1.00	100	3	365	0.39544	0.02589	34.94946	84.0741
9596	1122	25	0.09566	2	10	1.00	7	3	530	0.23000	0.00902	24.95500	50.6998

9596	5032	35	0.20768	9	7	1.00	100	3	330	0.35648	0.02339	34.95460	68.5344
9596	9594	35	0.11721	9	7	1.00	100	3	606	0.20143	0.04291	34.91388	71.02926
9597	9380	35	0.07899	10	4	1.00	7	3	852	0.13641	0.09060	34.74280	67.29948
9597	9573	45	0.11603	10	3	2.00	7	3	14781	0.17997	0.73935	38.68387	1715.03943
9597	9589	35	0.13953	10	4	1.00	7	3	657	0.24049	0.06981	34.80981	91.67121
9597	9611	45	0.16641	10	3	2.00	7	3	15272	0.26154	0.76391	38.17620	2541.41352
9603	9606	35	0.10741	10	4	1.00	7	3	4149	0.19464	0.44103	33.11012	445.64409
9603	9608	35	0.05712	10	4	1.00	7	0	4106	0.10341	0.43649	33.13997	234.53472
9604	17260	35	0.09243	10	4	2.00	7	0	7424	0.16605	0.39458	33.40089	686.20032
9604	23327	35	0.07820	10	4	2.00	7	0	7450	0.14050	0.39596	33.39268	582.59
9605	9344	35	0.13838	10	4	1.00	7	0	1543	0.24076	0.16401	34.48598	213.52034
9605	9347	35	0.19567	10	4	1.00	7	0	2166	0.34304	0.23020	34.22342	423.82122
9605	12297	35	0.11026	10	4	2.00	7	0	7186	0.19762	0.38191	33.47503	792.32836
9605	17260	35	0.17647	10	4	2.00	7	0	8666	0.32107	0.46058	32.97795	1529.28902
9606	9379	35	0.16630	10	4	1.00	7	3	4149	0.30136	0.44103	33.11012	689.9787
9606	9603	35	0.10741	10	4	1.00	7	3	4106	0.19446	0.43649	33.13997	441.02546
9607	23264	30	0.15686	10	5	1.00	0	0	2055	0.32162	0.24961	29.26287	322.3473
9607	23276	45	0.20519	9	3	3.00	100	0	11946	0.28688	0.39837	42.91500	2451.19974
9607	23282	30	0.09783	10	5	1.00	0	0	1233	0.19828	0.14980	29.60426	120.62439
9607	24254	45	0.11453	9	3	3.00	100	0	11183	0.15942	0.37292	43.10530	1280.78899
9608	9603	35	0.05712	10	4	1.00	7	0	4149	0.10351	0.44103	33.11012	236.99088
9608	12276	35	0.11611	10	4	1.00	7	0	4368	0.21142	0.46427	32.95230	507.16848
9608	25053	35	0.14793	10	4	1.00	7	0	1376	0.25689	0.14624	34.55122	203.55168
9609	9349	45	0.28475	9	3	3.00	100	0	18532	0.42006	0.61798	40.67253	5276.987
9609	12272	30	0.15264	10	5	1.00	0	0	3042	0.31852	0.36956	28.75309	464.33088
9609	12296	45	0.13838	9	3	3.00	100	0	18055	0.20309	0.60207	40.88272	2498.4509
9609	24065	30	0.13437	10	5	1.00	0	0	2146	0.27591	0.26071	29.22075	288.35802
9610	1312	20	0.13291	2	10	1.00	0	0	175	0.39896	0.00297	19.98814	23.25925
9610	1333	20	0.14302	2	10	1.00	0	0	524	0.42983	0.00891	19.96444	74.94248
9610	8656	35	0.14713	10	4	2.00	7	0	7929	0.26560	0.42137	33.23702	1166.59377
9610	12161	35	0.08542	10	4	2.00	7	0	8237	0.15469	0.43778	33.13152	703.60454
9611	1129	25	0.08999	2	10	1.00	7	3	649	0.21645	0.01104	24.94490	58.40351
9611	9340	45	0.16116	10	3	2.00	7	3	16270	0.26136	0.81381	36.99848	2622.0732
9611	9597	45	0.16641	10	3	2.00	7	3	14859	0.25863	0.74324	38.60628	2472.68619
9611	24900	35	0.15107	10	4	1.00	7	3	614	0.26028	0.06530	34.82404	92.75698
9612	9380	35	0.08944	10	4	1.00	7	3	946	0.15461	0.10056	34.70985	84.61024
9612	24912	35	0.11483	10	4	1.00	7	3	938	0.19848	0.09972	34.71263	107.71054
9614	1227	25	0.07340	2	10	1.00	0	3	645	0.17656	0.01096	24.94531	47.343
9614	1228	25	0.12102	2	10	1.00	0	3	464	0.29091	0.00790	24.96058	56.15328
9614	3719	35	0.20585	10	3	1.00	0	3	2912	0.36380	0.29130	33.94969	599.4352
9614	9618	35	0.18205	10	3	1.00	0	3	2744	0.32099	0.27455	34.02808	499.5452
9615	333	25	0.14133	2	10	1.00	0	3	668	0.33997	0.01136	24.94334	94.40844
9615	1228	25	0.18572	2	10	1.00	0	3	1327	0.44774	0.02258	24.88763	246.45044
9615	9097	35	0.12269	10	3	1.00	0	3	4654	0.22346	0.46563	32.94276	570.99926
9615	9618	35	0.14266	10	3	1.00	0	3	2723	0.25147	0.27243	34.03778	388.46318
9618	9614	35	0.18205	10	3	1.00	0	3	2723	0.32090	0.27243	34.03778	495.72215
9618	9615	35	0.14266	10	3	1.00	0	3	2744	0.25154	0.27455	34.02808	391.45904
9619	1229	25	0.13098	2	10	1.00	0	3	466	0.31485	0.00792	24.96044	61.03668
9619	3717	40	0.07714	10	3	2.00	0	3	4485	0.11825	0.22434	39.14058	345.9729
9619	8609	40	0.08205	10	3	2.00	0	3	4640	0.12590	0.23211	39.10328	380.712
9630	3725	0	0.37417	10	3	0.00	0	3	0	0.00000	0.00000	0.00000	0
9631	22746	45	0.21637	10	3	2.00	7	0	11665	0.31574	0.58348	41.11644	2523.95605
9800	1224	25	0.07534	2	10	1.00	4	3	1533	0.18176	0.02607	24.87031	115.49622
9800	8894	30	0.21270	10	5	1.00	4	3	7498	0.56349	0.91078	22.64838	1594.8246
9800	8896	30	0.07153	10	5	1.00	4	3	7928	0.20242	0.96302	21.20342	567.08984
9801	1225	25	0.05713	2	10	1.00	4	3	62	0.13713	0.00105	24.99475	3.54206
9801	8754	30	0.05704	10	5	1.00	4	3	12763	0.68818	1.55040	4.97293	728.00152
9801	8896	30	0.10864	10	5	1.00	4	3	12830	1.33028	1.55859	4.89992	1393.8512

9802	1225	25	0.05991	2	10	1.00	4	3	1205	0.14438	0.02049	24.89798	72.19155
9802	8754	45	0.05652	10	3	4.00	4	3	36399	0.09978	0.91034	33.98885	2057.27148
9802	8758	45	0.14703	10	3	4.00	4	3	35549	0.25386	0.88909	34.75090	5226.76947
9803	224	25	0.04186	2	10	1.00	4	3	9918	0.10385	0.16868	24.18414	415.16748
9803	1226	25	0.07131	2	10	1.00	4	3	4633	0.17384	0.07879	24.61218	330.37923
9803	8896	30	0.07193	10	5	1.00	4	3	14290	1.16414	1.73589	3.70722	1027.8797
10290	5540	65	0.03020	2	9	1.00	0	0	0	0.02786	0.00000	65.03497	0
10290	13543	65	0.42326	2	8	1.00	0	0	15326	0.44008	0.65163	57.70734	6486.88276
10903	5672	40	0.25324	10	3	3.00	1	0	33520	0.74684	1.11778	20.34533	8488.6048
11066	5824	30	0.22880	23	3	1.00	901	0	13885	1.96861	1.38909	6.97360	3176.888
11328	5948	35	0.25740	23	3	2.00	901	0	21879	0.81382	1.09441	18.97709	5631.6546
12160	1331	20	0.12354	2	10	1.00	0	0	2492	0.37376	0.04238	19.83191	307.86168
12160	1332	20	0.11151	2	10	1.00	0	0	216	0.33477	0.00368	19.98529	24.08616
12160	16568	25	0.08511	10	5	1.00	0	0	1338	0.20728	0.16259	24.63662	113.87718
12161	9343	35	0.09396	10	4	2.00	7	0	8237	0.17017	0.43778	33.13152	773.94852
12161	9610	35	0.08542	10	4	2.00	7	0	7542	0.15361	0.40083	33.36357	644.23764
12164	14125	45	0.07450	9	3	3.00	100	0	13738	0.10537	0.45813	42.42194	1023.481
12164	23331	45	0.04024	9	3	3.00	100	0	13945	0.05699	0.46503	42.36044	561.1468
12165	1346	20	0.12453	2	10	1.00	0	0	326	0.37401	0.00554	19.97785	40.59678
12165	1347	20	0.13217	2	10	1.00	0	0	515	0.39721	0.00876	19.96501	68.06755
12165	23323	35	0.14641	10	4	2.00	7	0	1606	0.25272	0.08534	34.75996	235.13446
12165	24034	35	0.07800	10	4	2.00	7	0	1601	0.13464	0.08508	34.76083	124.878
12167	13410	35	0.15118	10	4	2.00	7	0	0	0.25902	0.00000	35.01883	0
12266	1341	20	0.14221	2	10	1.00	0	0	2003	0.42955	0.03406	19.86468	284.84663
12266	22733	30	0.09576	10	5	1.00	0	0	2719	0.19858	0.33024	28.93443	260.37144
12266	23274	30	0.08885	10	5	1.00	0	0	588	0.17870	0.07143	29.83260	52.2438
12270	1314	20	0.17895	2	10	1.00	0	0	1010	0.53870	0.01717	19.93155	180.7395
12270	1347	20	0.14959	2	10	1.00	0	0	829	0.45003	0.01409	19.94380	124.01011
12270	9334	30	0.09543	10	5	1.00	0	0	1897	0.19521	0.23049	29.33331	181.03071
12270	23322	30	0.15111	10	5	1.00	0	0	546	0.30378	0.06636	29.84634	82.50606
12272	1313	20	0.14073	2	10	1.00	0	0	390	0.42274	0.00664	19.97349	54.8847
12272	1314	20	0.13795	2	10	1.00	0	0	2683	0.41762	0.04563	19.81915	370.11985
12272	9609	30	0.15264	10	5	1.00	0	0	2978	0.31811	0.36171	28.79054	454.56192
12272	23322	30	0.09568	10	5	1.00	0	0	274	0.19179	0.03333	29.93314	26.21632
12274	1313	20	0.09543	2	10	1.00	0	0	459	0.28675	0.00781	19.96880	43.80237
12274	1347	20	0.16704	2	10	1.00	0	0	4	0.50113	0.00008	19.99969	0.66816
12274	23322	30	0.14647	10	5	1.00	0	0	467	0.29419	0.05672	29.87214	68.40149
12274	23323	30	0.14256	10	5	1.00	0	0	113	0.28528	0.01370	29.98255	16.10928
12276	1208	20	0.09997	2	10	1.00	0	0	464	0.30039	0.00789	19.96849	46.38608
12276	1211	20	0.16066	2	10	1.00	0	0	77	0.48209	0.00131	19.99475	12.37082
12276	9608	35	0.11611	10	4	1.00	7	0	4527	0.21220	0.48123	32.83134	525.62997
12276	24033	35	0.08589	10	4	1.00	7	0	4284	0.15610	0.45535	33.01393	367.95276
12291	1357	20	0.14336	2	10	1.00	0	0	18	0.43011	0.00031	19.99874	2.58048
12291	1358	20	0.16757	2	10	1.00	0	0	79	0.50284	0.00135	19.99461	13.23803
12291	23327	30	0.13838	10	5	1.00	0	0	22	0.27667	0.00264	30.00972	3.04436
12291	23328	30	0.14952	10	5	1.00	0	0	118	0.29923	0.01437	29.98089	17.64336
12292	1315	20	0.13559	2	10	1.00	0	0	119	0.40693	0.00203	19.99190	16.13521
12292	1357	20	0.14028	2	10	1.00	0	0	44	0.42091	0.00074	19.99702	6.17232
12292	9349	35	0.10250	10	4	2.00	7	0	7599	0.18444	0.40384	33.34538	778.8975
12292	23327	35	0.13938	10	4	2.00	7	0	7345	0.25018	0.39035	33.42587	1023.7461
12293	1315	20	0.13065	2	10	1.00	0	0	255	0.39229	0.00434	19.98267	33.31575
12293	1317	20	0.16981	2	10	1.00	0	0	11	0.50944	0.00019	19.99925	1.86791
12293	23326	30	0.12547	10	5	1.00	0	0	15	0.25084	0.00186	30.01163	1.88205
12293	23327	30	0.13206	10	5	1.00	0	0	547	0.26547	0.06648	29.84601	72.23682
12294	1316	20	0.13380	2	10	1.00	0	0	601	0.40222	0.01022	19.95920	80.4138
12294	1317	20	0.13025	2	10	1.00	0	0	854	0.39188	0.01453	19.94204	111.2335
12294	9346	30	0.18660	10	5	1.00	0	0	1354	0.37878	0.16448	29.55791	252.6564
12294	23326	30	0.16351	10	5	1.00	0	0	990	0.33040	0.12032	29.69382	161.8749

12295	1349	20	0.13093	2	10	1.00	0	0	1729	0.39510	0.02940	19.88309	226.37797
12295	2507	45	0.30740	9	3	2.00	100	0	17005	0.51262	0.85060	35.98067	5227.337
12295	9111	45	0.26647	9	3	2.00	100	0	17089	0.44590	0.85479	35.85533	4553.70583
12296	1349	20	0.16063	2	10	1.00	0	0	1645	0.48459	0.02797	19.88874	264.23635
12296	9111	45	0.07159	9	3	3.00	100	0	18055	0.10507	0.60207	40.88272	1292.55745
12296	9609	45	0.13838	9	3	3.00	100	0	18541	0.20416	0.61828	40.66842	2565.70358
12297	1359	20	0.11927	2	10	1.00	0	0	448	0.35836	0.00763	19.96954	53.43296
12297	9605	35	0.11026	10	4	2.00	7	0	7674	0.19853	0.40784	33.32102	846.13524
12297	23249	35	0.14441	10	4	2.00	7	0	7682	0.26006	0.40827	33.31839	1109.35762
12298	1350	20	0.07997	2	10	1.00	0	0	401	0.24025	0.00682	19.97277	32.06797
12298	23336	30	0.15206	10	5	1.00	0	0	1068	0.30754	0.12970	29.66583	162.40008
12298	24030	30	0.09034	10	5	1.00	0	0	1187	0.18299	0.14417	29.62172	107.23358
12299	1350	20	0.14589	2	10	1.00	0	0	82	0.43778	0.00139	19.99445	11.96298
12299	9381	30	0.18894	10	5	1.00	0	0	625	0.38016	0.07598	29.82014	118.0875
12299	23336	30	0.10187	10	5	1.00	0	0	522	0.20472	0.06337	29.85439	53.17614
12300	1333	20	0.18300	2	10	1.00	0	0	140	0.54927	0.00238	19.99048	25.62
12300	1351	20	0.17139	2	10	1.00	0	0	216	0.51455	0.00368	19.98530	37.02024
12300	9225	35	0.10845	10	4	1.00	7	0	3164	0.19294	0.33635	33.72512	343.1358
12300	16568	35	0.15662	10	4	1.00	7	0	4142	0.28377	0.44029	33.11498	648.72004
13410	1198	20	0.05520	2	10	1.00	0	0	349	0.16580	0.00594	19.97626	19.2648
13410	12167	35	0.15118	10	4	2.00	7	0	0	0.25902	0.00000	35.01883	0
13410	24034	35	0.17985	10	4	2.00	7	0	349	0.30861	0.01857	34.96552	62.76765
13540	7153	65	0.58972	2	8	1.00	0	0	17307	0.63633	0.73582	55.60463	10206.28404
13540	8952	65	0.03121	2	9	1.00	0	0	1073	0.02894	0.06081	64.69938	33.48833
13543	7148	65	0.29336	2	8	1.00	0	0	17482	0.31777	0.74327	55.39100	5128.51952
13543	8954	65	0.03792	2	9	1.00	0	0	0	0.03498	0.00000	65.03497	0
13885	5856	63	0.08098	23	1	4.00	901	0	107381	0.15631	1.14138	31.08318	8695.71338
13976	258	25	0.07499	2	10	1.00	3	3	2667	0.18162	0.04535	24.77526	199.99833
13976	1231	25	0.08749	2	10	1.00	3	3	3491	0.21247	0.05937	24.70664	305.42759
13976	5616	35	0.11304	10	5	1.00	0	3	6772	0.23717	0.82259	28.59752	765.50688
13976	25042	35	0.10961	10	5	1.00	0	3	1263	0.19050	0.15346	34.52498	138.43743
14123	1314	20	0.11617	2	10	1.00	0	0	5370	0.35487	0.09133	19.64124	623.8329
14123	2489	45	0.24912	9	3	2.00	100	0	19050	0.46333	0.95288	32.26015	4745.736
14123	9111	45	0.24243	9	3	2.00	100	0	16857	0.40185	0.84317	36.19776	4086.64251
14125	1356	20	0.15910	2	10	1.00	0	0	472	0.47807	0.00803	19.96793	75.0952
14125	1357	20	0.11015	2	10	1.00	0	0	516	0.33103	0.00878	19.96495	56.8374
14125	9349	45	0.10358	9	3	3.00	100	0	13931	0.14670	0.46457	42.36457	1442.97298
14125	12164	45	0.07450	9	3	3.00	100	0	13945	0.10553	0.46503	42.36044	1038.9025
14153	1202	20	0.16068	2	10	1.00	0	0	136	0.48226	0.00231	19.99078	21.85248
14153	1341	20	0.13352	2	10	1.00	0	0	859	0.40173	0.01460	19.94176	114.69368
14153	23272	30	0.19580	10	5	1.00	0	0	90	0.39174	0.01095	29.98935	17.622
14153	23274	30	0.10835	10	5	1.00	0	0	0	0.21658	0.00000	30.01614	0
14157	1204	20	0.16068	2	10	1.00	0	0	681	0.48315	0.01159	19.95375	109.42308
14157	1343	20	0.17215	2	10	1.00	0	0	995	0.51820	0.01692	19.93253	171.28925
14157	1344	20	0.18786	2	10	1.00	0	0	4	0.56357	0.00006	19.99976	0.75144
14157	23259	35	0.16872	10	4	1.00	7	0	3830	0.30377	0.40713	33.32536	646.1976
14157	23279	35	0.10547	10	4	1.00	7	0	4207	0.19136	0.44718	33.06920	443.71229
15058	1100	20	0.10189	2	10	1.00	0	0	2810	0.30860	0.04779	19.81064	286.3109
15058	2489	45	0.23798	9	3	2.00	100	0	17472	0.40499	0.87396	35.25615	4157.98656
15058	9142	45	0.12877	9	3	2.00	100	0	17114	0.21571	0.85603	35.81810	2203.76978
15064	5511	45	0.10042	10	5	2.00	1	3	16656	0.20511	1.01166	29.37429	1672.59552
15064	9079	45	0.22671	10	5	2.00	1	3	16741	0.46757	1.01682	29.09246	3795.35211
15250	258	25	0.10660	2	10	1.00	3	3	1352	0.25702	0.02299	24.88557	144.1232
15250	5618	35	0.10915	10	4	2.00	3	3	1768	0.18856	0.09394	34.73182	192.9772
15250	5620	35	0.12124	10	4	2.00	3	3	950	0.20861	0.05049	34.87006	115.178
16067	8725	40	0.25427	10	3	2.00	0	0	13064	0.42730	0.65344	35.70410	3321.78328
16067	23046	40	0.34187	10	3	2.00	0	0	14845	0.59752	0.74255	34.32896	5075.06015
16567	1319	20	0.11499	2	10	1.00	0	0	5069	0.35092	0.08622	19.66099	582.88431

16567	2507	45	0.28623	9	3	2.00	100	0	17110	0.47939	0.85582	35.82425	4897.3953
16567	2508	45	0.18789	9	3	2.00	100	0	17071	0.31417	0.85389	35.88251	3207.47019
16568	1319	20	0.19913	2	10	1.00	0	0	1696	0.60082	0.02885	19.88526	337.72448
16568	2508	35	0.22640	10	4	1.00	7	0	1394	0.39324	0.14820	34.54415	315.6016
16568	12160	25	0.08511	10	5	1.00	0	0	2708	0.21175	0.32898	24.11666	230.47788
16568	12300	35	0.15662	10	4	1.00	7	0	3480	0.28015	0.36992	33.54326	545.0376
17109	7141	65	0.45023	2	8	1.00	0	0	15353	0.46832	0.65276	57.68255	6912.38119
17260	1317	20	0.13941	2	10	1.00	0	0	1383	0.42019	0.02352	19.90637	192.80403
17260	1358	20	0.12327	2	10	1.00	0	0	2201	0.37258	0.03744	19.85135	271.31727
17260	9604	35	0.09243	10	4	2.00	7	0	7450	0.16609	0.39596	33.39268	688.6035
17260	9605	35	0.17647	10	4	2.00	7	0	8287	0.31975	0.44041	33.11420	1462.40689
18205	7145	65	0.35320	2	8	1.00	0	0	13960	0.35989	0.59356	58.88511	4930.672
18205	8944	65	0.01332	2	9	1.00	0	0	4587	0.01262	0.26003	63.31729	61.09884
22227	99	25	0.10990	2	10	1.00	1	3	660	0.26435	0.01122	24.94403	72.534
22227	112	25	0.08149	2	10	1.00	1	3	1145	0.19635	0.01948	24.90300	93.30605
22227	5756	40	0.09733	10	3	2.00	1	3	14672	0.16937	0.73390	34.48079	1428.02576
22227	5758	40	0.09403	10	3	2.00	1	3	13218	0.15848	0.66117	35.59970	1242.88854
22228	98	25	0.18645	2	10	1.00	1	3	216	0.44780	0.00367	24.98167	40.2732
22228	99	25	0.10025	2	10	1.00	1	3	813	0.24127	0.01383	24.93102	81.50325
22228	5758	25	0.01526	10	5	1.00	1	3	1061	0.03704	0.12885	24.72363	16.19086
22539	2507	35	0.06359	23	5	1.00	901	0	3032	0.11372	0.36834	33.55215	192.80488
22664	9142	45	0.32678	9	3	2.00	100	0	17057	0.54610	0.85322	35.90273	5573.88646
22675	9142	35	0.13473	23	5	1.00	901	0	301	0.23155	0.03654	34.91237	40.55373
22686	9111	45	0.13797	9	3	3.00	100	0	13504	0.19483	0.45031	42.49046	1863.14688
22696	23317	45	0.13771	9	3	3.00	100	0	15822	0.19790	0.52760	41.75130	2178.84762
22696	24034	45	0.18451	9	3	3.00	100	0	15174	0.26375	0.50600	41.97253	2799.75474
22697	23324	30	0.12949	10	5	1.00	0	0	324	0.25970	0.03941	29.91750	41.95476
22697	23325	30	0.11770	10	5	1.00	0	0	260	0.23589	0.03157	29.93764	30.602
22700	22740	45	0.14478	9	3	3.00	100	0	11788	0.20222	0.39307	42.95549	1706.66664
22700	23279	45	0.17738	9	3	3.00	100	0	11264	0.24702	0.37562	43.08564	1998.00832
22733	12266	30	0.09576	10	5	1.00	0	0	2188	0.19677	0.26580	29.20110	209.52288
22733	22740	45	0.05979	9	3	3.00	100	0	11264	0.08326	0.37562	43.08564	673.47456
22733	25050	30	0.09266	10	5	1.00	0	0	748	0.18670	0.09084	29.77885	69.30968
22733	25054	45	0.17358	9	3	3.00	100	0	10281	0.24043	0.34285	43.31692	1784.57598
22735	23266	30	0.07165	10	5	1.00	0	0	1338	0.14540	0.16252	29.56416	95.8677
22735	23278	30	0.07953	10	5	1.00	0	0	1399	0.16153	0.16995	29.54034	111.26247
22740	22700	45	0.14478	9	3	3.00	100	0	11264	0.20161	0.37562	43.08564	1630.80192
22740	22733	45	0.05979	9	3	3.00	100	0	11788	0.08351	0.39307	42.95549	704.80452
22746	9631	45	0.21637	10	3	2.00	7	0	11688	0.31585	0.58462	41.10250	2528.93256
22746	22749	45	0.44803	9	3	3.00	100	0	3042	0.60242	0.10143	44.62320	1362.90726
22746	23273	40	0.12423	10	3	2.00	7	0	5686	0.19192	0.28440	38.83692	706.37178
22746	25054	45	0.19406	9	3	3.00	100	0	9227	0.26737	0.30770	43.54758	1790.59162
22749	22746	45	0.44803	9	3	3.00	100	0	3044	0.60243	0.10150	44.62292	1363.80332
22798	1415	0	0.19380	2	10	0.00	0	0	0	0.00000	0.00000	0.00000	0
22799	1419	0	0.10499	2	10	0.00	0	0	0	0.00000	0.00000	0.00000	0
22813	9584	45	0.25324	9	3	2.00	100	0	11704	0.36976	0.58542	41.09264	2963.92096
23046	16067	40	0.34187	10	3	2.00	0	0	13064	0.57451	0.65344	35.70410	4466.18968
23096	1415	0	0.19726	2	10	0.00	0	0	0	0.00000	0.00000	0.00000	0
23099	1418	0	0.09099	2	10	0.00	0	0	0	0.00000	0.00000	0.00000	0
23122	8985	45	0.28791	9	3	2.00	100	0	19461	0.55156	0.97343	31.31926	5603.01651
23249	9382	35	0.10589	10	4	2.00	7	0	8276	0.19183	0.43983	33.11805	876.34564
23249	12297	35	0.14441	10	4	2.00	7	0	8122	0.26121	0.43168	33.17121	1172.89802
23249	24062	25	0.11139	10	5	1.00	0	0	71	0.26737	0.00866	24.99583	7.90869
23249	24671	25	0.07324	10	5	1.00	0	0	813	0.17720	0.09877	24.79700	59.54412
23253	23260	45	0.17817	9	3	3.00	100	0	13097	0.25091	0.43673	42.60653	2333.49249
23253	23280	35	0.14329	10	4	1.00	7	0	3445	0.25616	0.36617	33.56425	493.63405
23253	23284	35	0.10795	10	4	1.00	7	0	3782	0.19417	0.40199	33.35655	408.2669
23253	24254	45	0.19892	9	3	3.00	100	0	11344	0.27714	0.37828	43.06612	2256.54848

23259	14157	35	0.16872	10	4	1.00	7	0	3838	0.30381	0.40793	33.32052	647.54736
23259	23278	30	0.16072	10	5	1.00	0	0	1598	0.32732	0.19409	29.46058	256.83056
23259	23280	35	0.10024	10	4	1.00	7	0	2969	0.17777	0.31559	33.83124	297.61256
23259	23325	30	0.17338	10	5	1.00	0	0	458	0.34821	0.05568	29.87492	79.40804
23260	1210	20	0.12280	2	10	1.00	0	0	98	0.36853	0.00166	19.99335	12.0344
23260	23253	45	0.17817	9	3	3.00	100	0	13303	0.25125	0.44361	42.54815	2370.19551
23260	23331	45	0.14078	9	3	3.00	100	0	13097	0.19825	0.43673	42.60653	1843.79566
23261	1118	20	0.19036	2	10	1.00	0	0	700	0.57243	0.01191	19.95249	133.252
23261	23272	40	0.33087	10	3	2.00	7	0	5376	0.51010	0.26889	38.91881	1778.75712
23261	23275	30	0.19405	10	5	1.00	0	0	2461	0.40054	0.29898	29.06818	477.55705
23261	23277	40	0.09068	10	3	2.00	7	0	6276	0.14068	0.31393	38.67373	569.10768
23262	1202	20	0.10976	2	10	1.00	0	0	498	0.32984	0.00847	19.96617	54.66048
23262	1204	20	0.15754	2	10	1.00	0	0	669	0.47369	0.01137	19.95461	105.39426
23262	23266	30	0.16860	10	5	1.00	0	0	829	0.34002	0.10065	29.75105	139.7694
23262	23274	30	0.16088	10	5	1.00	0	0	687	0.32392	0.08350	29.79938	110.52456
23264	1203	20	0.15815	2	10	1.00	0	0	717	0.47559	0.01220	19.95133	113.39355
23264	1205	20	0.15789	2	10	1.00	0	0	690	0.47477	0.01174	19.95316	108.9441
23264	9607	30	0.15686	10	5	1.00	0	0	1824	0.32050	0.22161	29.36516	286.11264
23264	23266	30	0.08340	10	5	1.00	0	0	730	0.16799	0.08864	29.78503	60.882
23265	1299	20	0.11263	2	10	1.00	0	0	222	0.33814	0.00378	19.98491	25.00386
23265	1312	20	0.11413	2	10	1.00	0	0	479	0.34295	0.00814	19.96750	54.66827
23265	9343	35	0.16537	10	4	1.00	7	0	2428	0.29096	0.25812	34.10241	401.51836
23265	23334	35	0.10761	10	4	1.00	7	0	2545	0.18963	0.27050	34.04663	273.86745
23266	22735	30	0.07165	10	5	1.00	0	0	1399	0.14552	0.16995	29.54034	100.23835
23266	23262	30	0.16860	10	5	1.00	0	0	933	0.34044	0.11328	29.71451	157.3038
23266	23264	30	0.08340	10	5	1.00	0	0	692	0.16792	0.08406	29.79782	57.7128
23266	23275	30	0.11303	10	5	1.00	0	0	1304	0.22929	0.15839	29.57730	147.39112
23272	14153	30	0.19580	10	5	1.00	0	0	903	0.39523	0.10974	29.72484	176.8074
23272	23261	40	0.33087	10	3	2.00	7	0	5978	0.51222	0.29901	38.75742	1977.94086
23272	23273	40	0.11770	10	3	2.00	7	0	4653	0.18062	0.23272	39.10030	547.6581
23273	1341	20	0.16734	2	10	1.00	0	0	1075	0.50385	0.01829	19.92711	179.8905
23273	22746	40	0.12423	10	3	2.00	7	0	4653	0.19063	0.23272	39.10030	578.04219
23273	23272	40	0.11770	10	3	2.00	7	0	6068	0.18233	0.30352	38.73240	714.2036
23274	12266	30	0.08885	10	5	1.00	0	0	687	0.17890	0.08350	29.79938	61.03995
23274	14153	30	0.10835	10	5	1.00	0	0	0	0.21658	0.00000	30.01614	0
23274	23262	30	0.16088	10	5	1.00	0	0	588	0.32356	0.07143	29.83260	94.59744
23275	1202	20	0.16227	2	10	1.00	0	0	576	0.48776	0.00980	19.96089	93.46752
23275	1203	20	0.10071	2	10	1.00	0	0	2262	0.30445	0.03848	19.84727	227.80602
23275	23261	30	0.19405	10	5	1.00	0	0	1368	0.39398	0.16619	29.55243	265.4604
23275	23266	30	0.11303	10	5	1.00	0	0	1431	0.22968	0.17387	29.52763	161.74593
23276	9351	45	0.10340	9	3	3.00	100	0	11946	0.14456	0.39837	42.91500	1235.2164
23276	9607	45	0.20519	9	3	3.00	100	0	12022	0.28701	0.40091	42.89542	2466.79418
23277	1203	20	0.14685	2	10	1.00	0	0	415	0.44117	0.00706	19.97182	60.94275
23277	9351	40	0.15114	10	3	2.00	7	0	7440	0.23664	0.37214	38.32088	1124.4816
23277	23261	40	0.09068	10	3	2.00	7	0	6754	0.14119	0.33782	38.53417	612.45272
23278	1204	20	0.17031	2	10	1.00	0	0	7	0.51094	0.00011	19.99955	1.19217
23278	1205	20	0.08754	2	10	1.00	0	0	558	0.26312	0.00949	19.96211	48.84732
23278	22735	30	0.07953	10	5	1.00	0	0	1338	0.16140	0.16252	29.56416	106.41114
23278	23259	30	0.16072	10	5	1.00	0	0	2133	0.32994	0.25909	29.22694	342.81576
23279	1342	20	0.14911	2	10	1.00	0	0	1036	0.44890	0.01762	19.92977	154.47796
23279	14157	35	0.10547	10	4	1.00	7	0	4341	0.19193	0.46140	32.97226	457.84527
23279	22700	45	0.17738	9	3	3.00	100	0	11788	0.24777	0.39307	42.95549	2090.95544
23279	23317	45	0.17117	9	3	3.00	100	0	14940	0.24424	0.49819	42.04959	2557.2798
23280	1205	20	0.16148	2	10	1.00	0	0	333	0.48499	0.00567	19.97734	53.77284
23280	1209	20	0.13119	2	10	1.00	0	0	908	0.39479	0.01544	19.93844	119.12052
23280	23253	35	0.14329	10	4	1.00	7	0	3565	0.25671	0.37893	33.49215	510.82885
23280	23259	35	0.10024	10	4	1.00	7	0	2515	0.17657	0.26738	34.06084	252.1036
23281	23282	30	0.12335	10	5	1.00	0	0	468	0.24776	0.05688	29.87173	57.7278

23281	23283	30	0.12885	10	5	1.00	0	0	411	0.25864	0.04989	29.89020	52.95735
23281	23319	30	0.09919	10	5	1.00	0	0	0	0.19828	0.00000	30.01614	0
23281	25052	30	0.11480	10	5	1.00	0	0	324	0.23023	0.03936	29.91763	37.1952
23282	1206	20	0.16627	2	10	1.00	0	0	410	0.49951	0.00697	19.97217	68.1707
23282	1207	20	0.13159	2	10	1.00	0	0	370	0.39526	0.00630	19.97485	48.6883
23282	9607	30	0.09783	10	5	1.00	0	0	1227	0.19826	0.14903	29.60666	120.03741
23282	23281	30	0.12335	10	5	1.00	0	0	472	0.24777	0.05730	29.87061	58.2212
23283	1207	20	0.13306	2	10	1.00	0	0	764	0.40022	0.01299	19.94818	101.65784
23283	1208	20	0.09788	2	10	1.00	0	0	87	0.29372	0.00147	19.99410	8.51556
23283	23281	30	0.12885	10	5	1.00	0	0	405	0.25862	0.04916	29.89212	52.18425
23283	24033	30	0.09361	10	5	1.00	0	0	1416	0.19018	0.17196	29.53381	132.55176
23284	1207	20	0.18811	2	10	1.00	0	0	472	0.56523	0.00803	19.96792	88.78792
23284	1210	20	0.11797	2	10	1.00	0	0	102	0.35403	0.00173	19.99307	12.03294
23284	23253	35	0.10795	10	4	1.00	7	0	3616	0.19356	0.38436	33.46088	390.3472
23284	24033	35	0.16904	10	4	1.00	7	0	3350	0.30168	0.35613	33.61959	566.284
23288	1331	20	0.12232	2	10	1.00	0	0	1382	0.36868	0.02350	19.90644	169.04624
23288	1332	20	0.10464	2	10	1.00	0	0	523	0.31447	0.00889	19.96450	54.72672
23288	8621	25	0.09748	10	5	1.00	0	0	4300	0.25183	0.52233	23.22581	419.164
23316	9593	30	0.11922	10	5	1.00	0	0	887	0.24060	0.10780	29.73046	105.74814
23316	25052	30	0.10357	10	5	1.00	0	0	884	0.20901	0.10742	29.73155	91.55588
23317	1344	20	0.08394	2	10	1.00	0	0	383	0.25215	0.00652	19.97397	32.14902
23317	1345	20	0.12663	2	10	1.00	0	0	0	0.37988	0.00000	20.00000	0
23317	22696	45	0.13771	9	3	3.00	100	0	15174	0.19686	0.50600	41.97253	2089.61154
23317	23279	45	0.17117	9	3	3.00	100	0	15597	0.24552	0.52010	41.82948	2669.73849
23319	1208	20	0.12330	2	10	1.00	0	0	1	0.36990	0.00002	19.99992	0.1233
23319	1348	20	0.13712	2	10	1.00	0	0	1	0.41137	0.00002	19.99992	0.13712
23319	23281	30	0.09919	10	5	1.00	0	0	0	0.19828	0.00000	30.01614	0
23322	12270	30	0.15111	10	5	1.00	0	0	628	0.30405	0.07625	29.81940	94.89708
23322	12272	30	0.09568	10	5	1.00	0	0	266	0.19177	0.03227	29.93583	25.45088
23322	12274	30	0.14647	10	5	1.00	0	0	394	0.29397	0.04788	29.89547	57.70918
23323	12165	35	0.14641	10	4	2.00	7	0	1571	0.25268	0.08350	34.76595	230.01011
23323	12274	30	0.14256	10	5	1.00	0	0	174	0.28546	0.02117	29.96392	24.80544
23323	23324	30	0.10541	10	5	1.00	0	0	337	0.21143	0.04099	29.91342	35.52317
23323	24035	35	0.10671	10	4	2.00	7	0	1826	0.18440	0.09705	34.72151	194.85246
23324	1346	20	0.11843	2	10	1.00	0	0	309	0.35568	0.00526	19.97898	36.59487
23324	1356	20	0.13327	2	10	1.00	0	0	31	0.39986	0.00052	19.99791	4.13137
23324	22697	30	0.12949	10	5	1.00	0	0	260	0.25952	0.03157	29.93764	33.6674
23324	23323	30	0.10541	10	5	1.00	0	0	388	0.21154	0.04707	29.89758	40.89908
23325	1344	20	0.08754	2	10	1.00	0	0	355	0.26293	0.00604	19.97587	31.0767
23325	22697	30	0.11770	10	5	1.00	0	0	324	0.23605	0.03941	29.91750	38.1348
23325	23259	30	0.17338	10	5	1.00	0	0	384	0.34793	0.04667	29.89863	66.57792
23326	12293	30	0.12547	10	5	1.00	0	0	15	0.25084	0.00186	30.01163	1.88205
23326	12294	30	0.16351	10	5	1.00	0	0	1611	0.33307	0.19567	29.45524	263.41461
23326	24065	30	0.11526	10	5	1.00	0	0	975	0.23285	0.11846	29.69930	112.3785
23327	9604	35	0.07820	10	4	2.00	7	0	7424	0.14047	0.39458	33.40089	580.5568
23327	12291	30	0.13838	10	5	1.00	0	0	30	0.27669	0.00362	30.00733	4.1514
23327	12292	35	0.13938	10	4	2.00	7	0	7651	0.25091	0.40662	33.32852	1066.39638
23327	12293	30	0.13206	10	5	1.00	0	0	259	0.26466	0.03148	29.93784	34.20354
23328	12291	30	0.14952	10	5	1.00	0	0	83	0.29913	0.01003	29.99162	12.41016
23328	23332	30	0.13720	10	5	1.00	0	0	1044	0.27740	0.12678	29.67458	143.2368
23328	24030	30	0.16095	10	5	1.00	0	0	1007	0.32529	0.12235	29.68779	162.07665
23329	23330	30	0.03740	10	5	1.00	0	0	794	0.07539	0.09639	29.76317	29.6956
23329	23332	30	0.08615	10	5	1.00	0	0	803	0.17369	0.09758	29.75980	69.17845
23330	23329	30	0.03740	10	5	1.00	0	0	803	0.07540	0.09758	29.75980	30.0322
23330	23331	30	0.04729	10	5	1.00	0	0	794	0.09533	0.09639	29.76317	37.54826
23331	12164	45	0.04024	9	3	3.00	100	0	13738	0.05691	0.45813	42.42194	552.81712
23331	23260	45	0.14078	9	3	3.00	100	0	13294	0.19851	0.44330	42.55087	1871.52932
23331	23330	30	0.04729	10	5	1.00	0	0	803	0.09535	0.09758	29.75980	37.97387

23332	1357	20	0.14310	2	10	1.00	0	0	250	0.42967	0.00425	19.98300	35.775
23332	23328	30	0.13720	10	5	1.00	0	0	1038	0.27738	0.12612	29.67655	142.4136
23332	23329	30	0.08615	10	5	1.00	0	0	794	0.17367	0.09639	29.76317	68.4031
23333	1334	20	0.05381	2	10	1.00	0	0	369	0.16164	0.00627	19.97496	19.85589
23333	23334	30	0.11311	10	5	1.00	0	0	1697	0.23068	0.20609	29.41957	191.94767
23333	23337	30	0.09549	10	5	1.00	0	0	1511	0.19424	0.18357	29.49576	144.28539
23334	23265	35	0.10761	10	4	1.00	7	0	2767	0.19025	0.29411	33.93629	297.75687
23334	23333	30	0.11311	10	5	1.00	0	0	1737	0.23082	0.21103	29.40243	196.47207
23334	24037	35	0.09275	10	4	1.00	7	0	3935	0.16733	0.41823	33.25674	364.97125
23336	12298	30	0.15206	10	5	1.00	0	0	1075	0.30757	0.13062	29.66305	163.4645
23336	12299	30	0.10187	10	5	1.00	0	0	545	0.20478	0.06618	29.84682	55.51915
23336	23337	30	0.20764	10	5	1.00	0	0	643	0.41786	0.07806	29.81442	133.51252
23337	23333	30	0.09549	10	5	1.00	0	0	1470	0.19413	0.17863	29.51205	140.3703
23337	23336	30	0.20764	10	5	1.00	0	0	673	0.41801	0.08180	29.80411	139.74172
23337	24062	30	0.26580	10	5	1.00	0	0	879	0.53636	0.10679	29.73336	233.6382
23338	1100	20	0.12735	2	10	1.00	0	0	18	0.38207	0.00031	19.99878	2.2923
23338	1340	20	0.12322	2	10	1.00	0	0	777	0.37063	0.01321	19.94729	95.74194
23338	9142	30	0.10455	10	5	1.00	0	0	2145	0.21466	0.26063	29.22107	224.25975
23339	1331	20	0.11320	2	10	1.00	0	0	2617	0.34263	0.04451	19.82354	296.2444
23339	2508	45	0.14302	9	3	2.00	100	0	17137	0.23981	0.85717	35.78344	2450.93374
23339	8985	45	0.14692	9	3	2.00	100	0	16995	0.24490	0.85009	35.99578	2496.9054
24030	9345	35	0.16679	10	4	1.00	7	0	1429	0.28981	0.15187	34.53078	238.34291
24030	12298	30	0.09034	10	5	1.00	0	0	1178	0.18297	0.14314	29.62491	106.42052
24030	23328	30	0.16095	10	5	1.00	0	0	977	0.32517	0.11867	29.69867	157.24815
24030	25053	35	0.13515	10	4	1.00	7	0	1524	0.23509	0.16195	34.49368	205.9686
24033	12276	35	0.08589	10	4	1.00	7	0	4757	0.15785	0.50565	32.64802	408.57873
24033	23283	30	0.09361	10	5	1.00	0	0	1084	0.18937	0.13164	29.65997	101.47324
24033	23284	35	0.16904	10	4	1.00	7	0	3209	0.30096	0.34110	33.70014	542.44936
24034	9334	45	0.28334	9	3	3.00	100	0	15417	0.40583	0.51411	41.89091	4368.25278
24034	12165	35	0.07800	10	4	2.00	7	0	1609	0.13464	0.08550	34.75946	125.502
24034	13410	35	0.17985	10	4	2.00	7	0	349	0.30861	0.01857	34.96552	62.76765
24034	22696	45	0.18451	9	3	3.00	100	0	15822	0.26515	0.52760	41.75130	2919.31722
24035	1313	20	0.14076	2	10	1.00	0	0	428	0.42291	0.00729	19.97090	60.24528
24035	1356	20	0.12644	2	10	1.00	0	0	273	0.37968	0.00464	19.98144	34.51812
24035	9349	35	0.17960	10	4	2.00	7	0	1983	0.31060	0.10537	34.69372	356.1468
24035	23323	35	0.10671	10	4	2.00	7	0	1803	0.18438	0.09581	34.72561	192.39813
24037	1355	20	0.08326	2	10	1.00	0	0	609	0.25030	0.01036	19.95864	50.70534
24037	9340	35	0.14068	10	4	1.00	7	0	3325	0.25096	0.35347	33.63401	467.761
24037	23334	35	0.09275	10	4	1.00	7	0	4198	0.16824	0.44617	33.07598	389.3645
24062	1299	20	0.09349	2	10	1.00	0	0	85	0.28056	0.00145	19.99420	7.94665
24062	1359	20	0.16082	2	10	1.00	0	0	870	0.48389	0.01480	19.94099	139.9134
24062	23249	25	0.11139	10	5	1.00	0	0	106	0.26746	0.01283	24.98725	11.80734
24062	23337	30	0.26580	10	5	1.00	0	0	869	0.53630	0.10559	29.73685	230.9802
24065	1315	20	0.13322	2	10	1.00	0	0	490	0.40034	0.00834	19.96671	65.2778
24065	1316	20	0.20010	2	10	1.00	0	0	439	0.60118	0.00747	19.97018	87.8439
24065	9609	30	0.13437	10	5	1.00	0	0	1513	0.27334	0.18377	29.49510	203.30181
24065	23326	30	0.11526	10	5	1.00	0	0	1595	0.23473	0.19381	29.46152	183.8397
24254	9607	45	0.11453	9	3	3.00	100	0	11344	0.15957	0.37828	43.06612	1299.22832
24254	23253	45	0.19892	9	3	3.00	100	0	11183	0.27689	0.37292	43.10530	2224.52236
24671	1318	20	0.14142	2	10	1.00	0	0	455	0.42493	0.00775	19.96906	64.3461
24671	1351	20	0.09202	2	10	1.00	0	0	361	0.27639	0.00614	19.97545	33.21922
24671	23249	25	0.07324	10	5	1.00	0	0	1092	0.17780	0.13261	24.71421	79.97808
24764	5029	45	0.09674	9	3	3.00	100	0	18974	0.14342	0.63271	40.46911	1835.54476
24764	24765	45	0.09209	9	3	3.00	100	0	19237	0.13696	0.64149	40.34351	1771.53533
24765	24764	45	0.09209	9	3	3.00	100	0	18974	0.13653	0.63271	40.46911	1747.31566
24765	24766	45	0.05754	9	3	3.00	100	0	19508	0.08585	0.65051	40.21089	1122.49032
24765	24777	25	0.08979	10	5	1.00	0	0	1131	0.21811	0.13741	24.70205	101.55249
24765	25126	25	0.07578	10	5	1.00	0	0	799	0.18334	0.09708	24.80101	60.54822

24766	24765	45	0.05754	9	3	3.00	100	0	19253	0.08559	0.64201	40.33594	1107.81762
24766	30005	45	0.10452	9	3	3.00	100	0	19508	0.15595	0.65051	40.21089	2038.97616
24767	1512	20	0.12084	2	10	1.00	0	0	309	0.36290	0.00526	19.97899	37.33956
24767	9384	25	0.09846	10	5	1.00	0	0	1543	0.24045	0.18747	24.56899	151.92378
24767	24768	45	0.06400	9	3	3.00	100	0	17304	0.09321	0.57702	41.19494	1107.456
24767	30005	45	0.04823	9	3	3.00	100	0	18683	0.07127	0.62301	40.60409	901.08109
24768	24767	45	0.06400	9	3	3.00	100	0	17058	0.09299	0.56881	41.29256	1091.712
24768	24769	45	0.05415	9	3	3.00	100	0	17304	0.07886	0.57702	41.19494	937.0116
24769	24768	45	0.05415	9	3	3.00	100	0	17058	0.07868	0.56881	41.29256	923.6907
24769	24770	45	0.07927	9	3	3.00	100	0	16865	0.11498	0.56240	41.36727	1336.88855
24769	24792	35	0.10045	10	5	1.00	0	0	2584	0.17810	0.31385	33.83993	259.5628
24769	25125	45	0.07427	10	5	1.00	0	0	1413	0.10058	0.17168	44.30207	104.94351
24770	24769	45	0.07927	9	3	3.00	100	0	16650	0.11475	0.55523	41.44937	1319.8455
24770	24771	45	0.07744	9	3	3.00	100	0	16865	0.11233	0.56240	41.36727	1306.0256
24771	24770	45	0.07744	9	3	3.00	100	0	16650	0.11210	0.55523	41.44937	1289.376
24771	24772	45	0.09379	9	3	3.00	100	0	16865	0.13603	0.56240	41.36727	1581.76835
24772	24771	45	0.09379	9	3	3.00	100	0	16650	0.13576	0.55523	41.44937	1561.6035
24772	25110	45	0.12761	9	3	3.00	100	0	16865	0.18509	0.56240	41.36727	2152.14265
24774	9359	50	0.15153	10	3	3.00	7	0	16915	0.19789	0.56405	45.94247	2563.12995
24774	25128	25	0.05446	10	5	1.00	0	0	2625	0.13529	0.31892	24.15323	142.9575
24774	25129	50	0.09675	10	3	3.00	7	0	16856	0.12628	0.56208	45.96774	1630.818
24777	1505	20	0.14990	2	10	1.00	0	0	515	0.45050	0.00876	19.96501	77.1985
24777	1508	20	0.09754	2	10	1.00	0	0	159	0.29277	0.00271	19.98917	15.50886
24777	1509	20	0.08185	2	10	1.00	0	0	158	0.24569	0.00270	19.98922	12.9323
24777	1510	20	0.07222	2	10	1.00	0	0	218	0.21681	0.00370	19.98521	15.74396
24777	24765	25	0.08979	10	5	1.00	0	0	1117	0.21807	0.13569	24.70643	100.29543
24777	24778	25	0.07935	10	5	1.00	0	0	117	0.19055	0.01421	24.98441	9.28395
24778	24777	25	0.07935	10	5	1.00	0	0	116	0.19055	0.01405	24.98474	9.2046
24778	24779	25	0.07308	10	5	1.00	0	0	297	0.17584	0.03611	24.93834	21.70476
24778	30007	25	0.05582	10	5	1.00	0	0	327	0.13435	0.03977	24.93047	18.25314
24779	1505	20	0.14282	2	10	1.00	0	0	59	0.42856	0.00101	19.99598	8.42638
24779	1506	20	0.09131	2	10	1.00	0	0	221	0.27414	0.00376	19.98496	20.17951
24779	1508	20	0.08535	2	10	1.00	0	0	19	0.25606	0.00033	19.99869	1.62165
24779	24778	25	0.07308	10	5	1.00	0	0	307	0.17585	0.03728	24.93583	22.43556
24781	9387	50	0.26939	10	3	3.00	7	0	7750	0.33178	0.25842	48.71585	2087.7725
24781	30006	50	0.07046	10	3	3.00	7	0	7770	0.08679	0.25911	48.71145	547.4742
24789	1514	20	0.11457	2	10	1.00	0	0	160	0.34390	0.00273	19.98910	18.3312
24789	24790	45	0.10522	10	5	1.00	0	0	944	0.14166	0.11462	44.56590	99.32768
24789	24795	45	0.09245	10	5	1.00	0	0	1100	0.12470	0.13360	44.48106	101.695
24790	24789	45	0.10522	10	5	1.00	0	0	944	0.14166	0.11462	44.56590	99.32768
24790	24791	45	0.03685	10	5	1.00	0	0	944	0.04961	0.11462	44.56590	34.7864
24791	1201	20	0.25216	2	10	1.00	0	0	0	0.75648	0.00000	20.00000	0
24791	1503	20	0.17141	2	10	1.00	0	0	426	0.51496	0.00725	19.97105	73.02066
24791	1504	20	0.13613	2	10	1.00	0	0	520	0.40910	0.00884	19.96471	70.7876
24791	24790	45	0.03685	10	5	1.00	0	0	944	0.04961	0.11462	44.56590	34.7864
24792	24769	35	0.10045	10	5	1.00	0	0	2550	0.17799	0.30977	33.86016	256.1475
24792	24793	35	0.08359	10	5	1.00	0	0	2584	0.14821	0.31385	33.83993	215.99656
24793	1518	20	0.11624	2	10	1.00	0	0	213	0.34898	0.00362	19.98555	24.75912
24793	9521	25	0.05049	10	5	1.00	0	0	431	0.12165	0.05230	24.90321	21.76119
24793	24792	35	0.08359	10	5	1.00	0	0	2550	0.14812	0.30977	33.86016	213.1545
24793	24794	35	0.12440	10	5	1.00	0	0	2450	0.22005	0.29766	33.91925	304.78
24794	1520	20	0.09959	2	10	1.00	0	0	0	0.29877	0.00000	20.00000	0
24794	1521	20	0.08734	2	10	1.00	0	0	329	0.26230	0.00559	19.97767	28.73486
24794	1522	20	0.10915	2	10	1.00	0	0	0	0.32744	0.00000	20.00000	0
24794	24793	35	0.12440	10	5	1.00	0	0	2410	0.21990	0.29281	33.94253	299.804
24794	25086	35	0.25531	10	5	1.00	0	0	2496	0.45197	0.30322	33.89230	637.25376
24795	1511	20	0.09320	2	10	1.00	0	0	230	0.27983	0.00392	19.98433	21.436
24795	1512	20	0.06001	2	10	1.00	0	0	95	0.18008	0.00161	19.99357	5.70095

24795	24789	45	0.09245	10	5	1.00	0	0	1098	0.12470	0.13336	44.48215	101.5101
24795	25125	45	0.07120	10	5	1.00	0	0	1416	0.09643	0.17200	44.30056	100.8192
24840	323	25	0.13749	2	10	1.00	1	3	2329	0.33258	0.03961	24.80350	320.21421
24840	1542	25	0.18733	2	10	1.00	4	3	329	0.45010	0.00559	24.97207	61.63157
24840	5514	45	0.14589	10	3	2.00	1	3	18206	0.25763	0.91067	33.97670	2656.07334
24840	5516	45	0.25659	10	3	2.00	4	3	20236	0.52466	1.01222	29.34348	5192.35524
24900	1128	25	0.08455	2	10	1.00	7	3	427	0.20321	0.00727	24.96372	36.10285
24900	9611	35	0.15107	10	4	1.00	7	3	761	0.26066	0.08094	34.77423	114.96427
24900	24901	35	0.07281	10	4	1.00	7	3	387	0.12517	0.04118	34.89840	28.17747
24901	24900	35	0.07281	10	4	1.00	7	3	531	0.12534	0.05648	34.85159	38.66211
24901	24902	35	0.09942	10	4	1.00	7	3	387	0.17093	0.04118	34.89840	38.47554
24902	24901	35	0.09942	10	4	1.00	7	3	531	0.17116	0.05648	34.85159	52.79202
24902	24903	35	0.17118	10	4	1.00	7	3	868	0.29567	0.09228	34.73726	148.58424
24902	24906	35	0.07975	10	4	1.00	7	3	484	0.13724	0.05143	34.86716	38.599
24903	1127	25	0.07909	2	10	1.00	7	3	558	0.19018	0.00949	24.95264	44.13222
24903	24902	35	0.17118	10	4	1.00	7	3	1015	0.29612	0.10791	34.68514	173.7477
24903	24904	35	0.15226	10	4	1.00	7	3	835	0.26290	0.08874	34.74887	127.1371
24904	1574	25	0.20208	2	10	1.00	7	3	860	0.48641	0.01463	24.92706	173.7888
24904	8653	35	0.19190	10	4	1.00	7	3	4515	0.35060	0.47993	32.84079	866.4285
24904	9376	35	0.09506	10	4	1.00	7	3	3243	0.16933	0.34471	33.68104	308.27958
24904	24903	35	0.15226	10	4	1.00	7	3	982	0.26330	0.10437	34.69707	149.51932
24906	9374	35	0.04576	10	4	1.00	7	3	484	0.07875	0.05143	34.86716	22.14784
24906	24902	35	0.07975	10	4	1.00	7	3	481	0.13724	0.05110	34.86819	38.35975
24907	9373	35	0.16161	10	4	1.00	7	3	278	0.27757	0.02959	34.93311	44.92758
24907	24908	35	0.06960	10	4	1.00	7	3	277	0.11954	0.02942	34.93363	19.2792
24908	1573	25	0.09175	2	10	1.00	7	3	1006	0.22094	0.01711	24.91472	92.3005
24908	24907	35	0.06960	10	4	1.00	7	3	278	0.11954	0.02959	34.93311	19.3488
24908	24910	35	0.10267	10	4	1.00	7	3	728	0.17709	0.07737	34.78571	74.74376
24910	9375	35	0.08466	10	4	1.00	7	3	728	0.14603	0.07737	34.78571	61.63248
24910	24908	35	0.10267	10	4	1.00	7	3	730	0.17709	0.07755	34.78514	74.9491
24911	1124	25	0.11334	2	10	1.00	7	3	180	0.27218	0.00307	24.98467	20.4012
24911	9381	35	0.18834	10	4	1.00	7	3	18	0.32274	0.00192	35.01338	3.39012
24911	9396	35	0.04188	10	4	1.00	7	3	213	0.07189	0.02262	34.95366	8.92044
24912	9381	35	0.04451	10	4	1.00	7	3	938	0.07694	0.09972	34.71263	41.75038
24912	9612	35	0.11483	10	4	1.00	7	3	946	0.19849	0.10056	34.70985	108.62918
25041	1231	25	0.13891	2	10	1.00	3	3	1711	0.33532	0.02910	24.85535	237.67501
25041	1232	25	0.11603	2	10	1.00	3	3	1493	0.27989	0.02539	24.87371	173.23279
25041	5614	35	0.13498	10	5	1.00	0	3	4067	0.24739	0.49403	32.73664	548.96366
25041	25042	35	0.11603	10	5	1.00	0	3	3008	0.20740	0.36541	33.56846	349.01824
25042	13976	35	0.10961	10	5	1.00	0	3	2869	0.19539	0.34853	33.66067	314.47109
25042	25041	35	0.11603	10	5	1.00	0	3	2135	0.20418	0.25940	34.09673	247.72405
25042	25043	35	0.09751	10	5	1.00	0	3	2603	0.17295	0.31616	33.82837	253.81853
25043	258	25	0.12902	2	10	1.00	3	3	14	0.30965	0.00023	24.99883	1.80628
25043	1233	25	0.12830	2	10	1.00	3	3	1212	0.30919	0.02061	24.89737	155.4996
25043	5620	35	0.11286	10	5	1.00	0	3	1404	0.19651	0.17061	34.46124	158.45544
25043	25042	35	0.09751	10	5	1.00	0	3	3336	0.17550	0.40521	33.33706	325.29336
25044	263	25	0.16065	2	10	1.00	3	3	790	0.38661	0.01343	24.93304	126.9135
25044	1233	25	0.12322	2	10	1.00	3	3	676	0.29640	0.01149	24.94266	83.29672
25044	5608	35	0.15319	10	4	2.00	3	3	1361	0.26411	0.07236	34.80173	208.49159
25044	5620	35	0.11611	10	4	2.00	3	3	2616	0.20149	0.13903	34.57710	303.74376
25049	1106	20	0.12337	2	10	1.00	0	3	1631	0.37217	0.02773	19.88969	201.21647
25049	9583	35	0.10689	10	4	1.00	7	3	1639	0.18618	0.17424	34.44746	175.19271
25050	22733	30	0.09266	10	5	1.00	0	0	748	0.18670	0.09084	29.77885	69.30968
25050	25051	30	0.05835	10	5	1.00	0	0	748	0.11758	0.09084	29.77885	43.6458
25051	25050	30	0.05835	10	5	1.00	0	0	748	0.11758	0.09084	29.77885	43.6458
25052	1206	20	0.13488	2	10	1.00	0	0	520	0.40536	0.00884	19.96470	70.1376
25052	1348	20	0.10479	2	10	1.00	0	0	682	0.31510	0.01159	19.95373	71.46678
25052	23281	30	0.11480	10	5	1.00	0	0	327	0.23023	0.03966	29.91684	37.5396

25052	23316	30	0.10357	10	5	1.00	0	0	887	0.20902	0.10780	29.73046	91.86659
25053	1211	20	0.11997	2	10	1.00	0	0	447	0.36046	0.00760	19.96963	53.62659
25053	9608	35	0.14793	10	4	1.00	7	0	1259	0.25656	0.13382	34.59560	186.24387
25053	24030	35	0.13515	10	4	1.00	7	0	1640	0.23541	0.17437	34.44698	221.646
25054	22733	45	0.17358	9	3	3.00	100	0	9227	0.23915	0.30770	43.54758	1601.62266
25054	22746	45	0.19406	9	3	3.00	100	0	10281	0.26879	0.34285	43.31692	1995.13086
25056	5029	50	0.09277	10	3	3.00	7	0	8484	0.11464	0.28291	48.55612	787.06068
25056	30006	50	0.08631	10	3	3.00	7	0	8449	0.10663	0.28175	48.56389	729.23319
25059	1516	20	0.05149	2	10	1.00	0	0	1053	0.15503	0.01790	19.92866	54.21897
25059	30006	25	0.06060	10	5	1.00	0	0	1578	0.14806	0.19174	24.55709	95.6268
25059	30007	25	0.07223	10	5	1.00	0	0	524	0.17419	0.06362	24.87808	37.84852
25062	9361	30	0.10610	10	4	1.00	7	3	1863	0.21618	0.19803	29.44720	197.6643
25062	25063	25	0.11493	10	5	1.00	0	3	922	0.27846	0.11200	24.76520	105.96546
25062	25085	35	0.06807	10	5	1.00	0	3	2317	0.12015	0.28149	33.99591	157.71819
25062	25087	30	0.12269	10	4	1.00	7	0	2197	0.25106	0.23356	29.32217	269.54993
25063	1104	20	0.10372	2	10	1.00	7	3	138	0.31129	0.00234	19.99063	14.31336
25063	1588	20	0.08645	2	10	1.00	7	3	826	0.26009	0.01404	19.94399	71.4077
25063	25062	25	0.11493	10	5	1.00	0	3	1218	0.27948	0.14800	24.67490	139.98474
25063	25064	25	0.08676	10	5	1.00	0	3	914	0.21018	0.11102	24.76758	79.29864
25064	25063	25	0.08676	10	5	1.00	0	3	1342	0.21131	0.16301	24.63551	116.43192
25064	25065	25	0.09497	10	5	1.00	0	3	400	0.22875	0.04860	24.91133	37.988
25064	25080	25	0.14166	10	5	1.00	0	3	12	0.33984	0.00151	25.01040	1.69992
25064	25081	25	0.09072	10	5	1.00	0	3	530	0.21881	0.06439	24.87636	48.0816
25065	1586	20	0.09217	2	10	1.00	7	3	67	0.27658	0.00114	19.99544	6.17539
25065	1589	20	0.14091	2	10	1.00	7	3	0	0.42274	0.00000	20.00000	0
25065	25064	25	0.09497	10	5	1.00	0	3	827	0.22984	0.10045	24.79301	78.54019
25065	25066	25	0.10984	10	5	1.00	0	3	406	0.26457	0.04930	24.90978	44.59504
25066	25065	25	0.10984	10	5	1.00	0	3	894	0.26603	0.10860	24.77345	98.19696
25066	25067	25	0.17216	10	5	1.00	0	3	369	0.41453	0.04481	24.91957	63.52704
25066	25069	25	0.09487	10	5	1.00	0	3	475	0.22868	0.05775	24.89118	45.06325
25066	25079	25	0.13000	10	5	1.00	0	3	522	0.31353	0.06344	24.87851	67.86
25067	1103	20	0.13418	2	10	1.00	7	3	1237	0.40422	0.02104	19.91619	165.98066
25067	1105	20	0.14744	2	10	1.00	7	3	114	0.44251	0.00193	19.99228	16.80816
25067	25066	25	0.17216	10	5	1.00	0	3	956	0.41728	0.11615	24.75509	164.58496
25067	25068	25	0.08427	10	5	1.00	0	3	1095	0.20460	0.13299	24.71325	92.27565
25068	9582	25	0.11253	10	5	1.00	0	3	1095	0.27321	0.13299	24.71325	123.22035
25068	25067	25	0.08427	10	5	1.00	0	3	1641	0.20608	0.19938	24.53550	138.28707
25069	1105	20	0.16449	2	10	1.00	7	3	47	0.49356	0.00080	19.99678	7.73103
25069	1586	20	0.11254	2	10	1.00	7	3	2	0.33761	0.00004	19.99986	0.22508
25069	25066	25	0.09487	10	5	1.00	0	3	467	0.22866	0.05670	24.89350	44.30429
25069	25070	25	0.10881	10	5	1.00	0	3	430	0.26216	0.05226	24.90331	46.7883
25070	25069	25	0.10881	10	5	1.00	0	3	421	0.26213	0.05118	24.90567	45.80901
25070	25071	25	0.12721	10	5	1.00	0	3	516	0.30677	0.06267	24.88023	65.64036
25070	25076	25	0.11461	10	5	1.00	0	3	1581	0.28004	0.19208	24.55611	181.19841
25070	25078	25	0.14258	10	5	1.00	0	3	2266	0.35201	0.27527	24.30340	323.08628
25071	1585	20	0.10792	2	10	1.00	7	3	385	0.32417	0.00655	19.97382	41.5492
25071	1587	20	0.13096	2	10	1.00	7	3	131	0.39306	0.00222	19.99113	17.15576
25071	25070	25	0.12721	10	5	1.00	0	3	518	0.30678	0.06297	24.87955	65.89478
25073	9360	30	0.18881	10	4	1.00	7	3	5020	0.40762	0.53360	27.79176	947.8262
25073	9361	30	0.11173	10	4	1.00	7	3	2623	0.22997	0.27885	29.14988	293.06779
25073	25074	25	0.11550	10	5	1.00	0	3	1616	0.28234	0.19629	24.54425	186.648
25073	25083	25	0.06261	10	5	1.00	0	3	1783	0.15341	0.21657	24.48584	111.63363
25074	1104	20	0.08253	2	10	1.00	7	3	169	0.24772	0.00288	19.98850	13.94757
25074	1584	20	0.09717	2	10	1.00	7	3	1519	0.29303	0.02584	19.89719	147.60123
25074	25073	25	0.11550	10	5	1.00	0	3	1699	0.28267	0.20635	24.51558	196.2345
25074	25075	25	0.10162	10	5	1.00	0	3	1047	0.24658	0.12715	24.72789	106.39614
25075	25074	25	0.10162	10	5	1.00	0	3	1097	0.24673	0.13324	24.71261	111.47714
25075	25076	25	0.09269	10	5	1.00	0	3	1335	0.22574	0.16220	24.63767	123.74115

25075	25081	25	0.08410	10	5	1.00	0	3	486	0.20275	0.05898	24.88845	40.8726
25075	25082	25	0.12424	10	5	1.00	0	3	163	0.29851	0.01981	24.97279	20.25112
25076	1586	20	0.08200	2	10	1.00	7	3	414	0.24634	0.00704	19.97188	33.948
25076	25070	25	0.11461	10	5	1.00	0	3	1588	0.28007	0.19292	24.55375	182.00068
25076	25075	25	0.09269	10	5	1.00	0	3	1390	0.22590	0.16880	24.62004	128.8391
25078	1105	20	0.09665	2	10	1.00	7	3	736	0.29069	0.01252	19.95005	71.1344
25078	1587	20	0.13772	2	10	1.00	7	3	529	0.41390	0.00900	19.96405	72.85388
25078	9580	25	0.14029	10	5	1.00	0	3	3587	0.35555	0.43574	23.67491	503.22023
25078	25070	25	0.14258	10	5	1.00	0	3	2248	0.35190	0.27305	24.31068	320.51984
25079	1103	20	0.23913	2	10	1.00	7	3	7	0.71740	0.00013	19.99949	1.67391
25079	1589	20	0.08312	2	10	1.00	7	3	539	0.24981	0.00917	19.96338	44.80168
25079	9363	25	0.18452	10	5	1.00	0	3	111	0.44309	0.01352	24.98583	20.48172
25079	25066	25	0.13000	10	5	1.00	0	3	432	0.31323	0.05244	24.90290	56.16
25080	1588	20	0.08978	2	10	1.00	7	3	19	0.26937	0.00033	19.99869	1.70582
25080	1589	20	0.08779	2	10	1.00	7	3	260	0.26359	0.00443	19.98230	22.8254
25080	3714	25	0.10178	10	5	1.00	0	3	362	0.24503	0.04401	24.92131	36.84436
25080	25064	25	0.14166	10	5	1.00	0	3	12	0.33984	0.00151	25.01040	1.69992
25081	1104	20	0.11049	2	10	1.00	7	3	5	0.33146	0.00008	19.99968	0.55245
25081	1586	20	0.09493	2	10	1.00	7	3	50	0.28485	0.00086	19.99657	4.7465
25081	25064	25	0.09072	10	5	1.00	0	3	531	0.21881	0.06453	24.87605	48.17232
25081	25075	25	0.08410	10	5	1.00	0	3	484	0.20275	0.05884	24.88876	40.7044
25082	1584	20	0.10589	2	10	1.00	7	3	0	0.31768	0.00000	20.00000	0
25082	1585	20	0.10418	2	10	1.00	7	3	163	0.31272	0.00277	19.98891	16.98134
25082	25075	25	0.12424	10	5	1.00	0	3	160	0.29850	0.01943	24.97356	19.8784
25083	25073	25	0.06261	10	5	1.00	0	3	1781	0.15340	0.21640	24.48635	111.50841
25083	25084	25	0.12904	10	5	1.00	0	3	1783	0.31620	0.21657	24.48584	230.07832
25084	1581	20	0.12259	2	10	1.00	7	3	389	0.36825	0.00661	19.97358	47.68751
25084	1583	20	0.09121	2	10	1.00	7	3	1394	0.27491	0.02371	19.90562	127.14674
25084	25083	25	0.12904	10	5	1.00	0	3	1781	0.31619	0.21640	24.48635	229.82024
25085	25062	35	0.06807	10	5	1.00	0	3	2359	0.12023	0.28652	33.97234	160.57713
25085	25086	35	0.11868	10	5	1.00	0	3	2317	0.20946	0.28149	33.99591	274.98156
25086	1581	20	0.12491	2	10	1.00	7	3	330	0.37514	0.00562	19.97754	41.2203
25086	24794	35	0.25531	10	5	1.00	0	0	2456	0.45166	0.29837	33.91584	627.04136
25086	25085	35	0.11868	10	5	1.00	0	3	2359	0.20961	0.28652	33.97234	279.96612
25087	1101	20	0.13718	2	10	1.00	7	0	1443	0.41356	0.02454	19.90231	197.95074
25087	3714	30	0.10671	10	4	1.00	7	0	1146	0.21565	0.12180	29.68941	122.28966
25087	25062	30	0.12269	10	4	1.00	7	0	1807	0.24983	0.19209	29.46732	221.70083
25088	52	25	0.40681	1	10	1.00	100	0	85	0.97664	0.00145	24.99275	34.57885
25088	5885	20	0.06557	10	6	1.00	1	3	7064	0.21642	0.60067	18.17812	463.18648
25088	5897	20	0.06182	10	6	1.00	1	3	7892	0.20921	0.67113	17.73068	487.88344
25090	25110	45	0.24535	9	3	3.00	100	0	16650	0.35516	0.55523	41.44937	4085.0775
25110	24772	45	0.12761	9	3	3.00	100	0	16650	0.18473	0.55523	41.44937	2124.7065
25110	25090	45	0.24535	9	3	3.00	100	0	16865	0.35586	0.56240	41.36727	4137.82775
25125	24769	45	0.07427	10	5	1.00	0	0	1416	0.10059	0.17200	44.30056	105.16632
25125	24795	45	0.07120	10	5	1.00	0	0	1413	0.09643	0.17168	44.30207	100.6056
25126	24765	25	0.07578	10	5	1.00	0	0	805	0.18335	0.09780	24.79930	61.0029
25126	25127	25	0.10839	10	5	1.00	0	0	799	0.26223	0.09708	24.80101	86.60361
25127	1515	20	0.08742	2	10	1.00	0	0	3425	0.26531	0.05824	19.76972	299.4135
25127	25126	25	0.10839	10	5	1.00	0	0	805	0.26225	0.09780	24.79930	87.25395
25127	25128	25	0.08551	10	5	1.00	0	0	2619	0.21240	0.31820	24.15581	223.95069
25128	24774	25	0.05446	10	5	1.00	0	0	2619	0.13527	0.31820	24.15581	142.63074
25128	25127	25	0.08551	10	5	1.00	0	0	2625	0.21242	0.31892	24.15323	224.46375
25129	1109	20	0.19365	2	10	1.00	0	0	1511	0.58392	0.02570	19.89772	292.60515
25129	5029	50	0.09675	10	3	3.00	7	0	16575	0.12595	0.55271	46.08645	1603.63125
25129	24774	50	0.09675	10	3	3.00	7	0	16847	0.12627	0.56181	45.97129	1629.94725
25130	1519	20	0.05500	2	10	1.00	0	0	442	0.16523	0.00752	19.96995	24.31
25130	3712	25	0.04902	10	5	1.00	0	0	1262	0.11927	0.15331	24.66108	61.86324
25130	9384	25	0.04902	10	5	1.00	0	0	1536	0.11970	0.18656	24.57152	75.29472

25131	25132	0	0.66754	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25131	25162	0	0.00843	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25132	25133	0	0.37880	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25132	25163	0	0.00960	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25133	25135	0	0.78264	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25133	25165	0	0.00591	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25135	25137	0	0.38393	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25135	25167	0	0.00997	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25137	25138	0	0.64397	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25137	25169	0	0.00976	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25138	25160	0	0.21909	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25138	25171	0	0.01562	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25153	25154	0	0.65139	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25153	25172	0	0.00943	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25154	25155	0	0.37362	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25154	25170	0	0.01338	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25155	25156	0	0.79054	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25155	25168	0	0.00890	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25156	25157	0	0.37414	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25156	25166	0	0.01039	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25157	25158	0	0.65021	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25157	25164	0	0.01219	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25158	25161	0	0.00908	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25159	25153	0	0.22269	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25161	5546	63	0.03834	10	1	3.00	4	0	69906	0.05379	0.99073	42.76493	2680.19604
25161	25158	0	0.00908	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25162	25131	0	0.00843	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25162	25163	63	0.66113	10	1	3.00	4	0	68944	0.90901	0.97709	43.63861	45580.94672
25163	5548	63	0.04293	10	1	3.00	4	0	68944	0.05902	0.97709	43.63861	2959.76592
25163	25132	0	0.00960	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25164	25157	0	0.01219	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25164	25161	63	0.65186	10	1	3.00	4	0	69906	0.91457	0.99073	42.76493	45568.92516
25165	25133	0	0.00591	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25165	25167	63	0.78159	10	1	3.00	4	0	66080	1.01910	0.93651	46.01665	51647.4672
25166	8842	63	0.02569	10	1	3.00	4	0	69298	0.03557	0.98212	43.32116	1780.26562
25166	25156	0	0.01039	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25167	5552	63	0.02776	10	1	3.00	4	0	66080	0.03620	0.93651	46.01665	1834.3808
25167	25135	0	0.00997	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25168	25155	0	0.00890	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25168	25166	63	0.79287	10	1	3.00	4	0	69298	1.09813	0.98212	43.32116	54944.30526
25169	25137	0	0.00976	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25169	25171	63	0.63853	10	1	3.00	4	0	59811	0.76347	0.84766	50.18114	38191.11783
25170	5658	63	0.03014	10	1	3.00	4	0	58607	0.03557	0.83060	50.84233	1766.41498
25170	25154	0	0.01338	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25171	5963	63	0.02824	10	1	2.75	4	0	59811	0.07866	1.27150	21.54114	1689.06264
25171	25138	0	0.01562	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25172	25153	0	0.00943	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25172	25170	63	0.64319	10	1	3.00	4	0	58607	0.75904	0.83060	50.84233	37695.43633
25189	1109	20	0.21562	2	10	1.00	0	0	958	0.64896	0.01629	19.93506	206.56396
25189	5029	45	0.13340	9	3	3.00	100	0	15163	0.19069	0.50564	41.97608	2022.7442
25189	9386	45	0.13340	9	3	3.00	100	0	15901	0.19184	0.53024	41.72339	2121.1934
27005	27006	0	0.32300	9	2	0.00	100	0	0	0.00000	0.00000	0.00000	0
27006	5020	0	0.61697	9	2	0.00	100	0	0	0.00000	0.00000	0.00000	0
27006	27005	0	0.32300	9	2	0.00	100	0	0	0.00000	0.00000	0.00000	0
27042	5519	45	0.09822	10	3	4.00	1	3	38563	0.18568	0.96445	31.73921	3787.65786
27042	5523	45	0.04943	10	3	4.00	1	3	35328	0.08488	0.88355	34.93945	1746.26304
27042	27043	25	0.10454	10	3	1.00	1	3	1761	0.25497	0.17620	24.60001	184.09494
27043	324	25	0.09062	2	10	1.00	1	3	1867	0.21888	0.03174	24.84228	169.18754

27043	5512	25	0.19897	10	3	1.00	1	3	730	0.48028	0.07304	24.85682	145.2481
27043	5516	25	0.20523	10	3	1.00	1	3	1263	0.49794	0.12638	24.72983	259.20549
27043	27042	25	0.10454	10	3	1.00	1	3	1313	0.25375	0.13131	24.71749	137.26102
30003	1115	25	0.18983	2	10	1.00	7	3	216	0.45593	0.00367	24.98168	41.00328
30003	5032	35	0.40063	9	7	1.00	100	3	184	0.68728	0.01306	34.97559	73.71592
30003	9595	35	0.23034	9	7	1.00	100	3	366	0.39544	0.02594	34.94936	84.30444
30004	68	25	0.06963	2	10	1.00	1	3	2808	0.16872	0.04776	24.76347	195.52104
30004	5871	35	0.02538	10	3	3.00	1	3	25348	0.05417	0.84526	28.10667	643.33224
30004	5872	35	0.10461	10	3	2.00	1	3	24206	0.46761	1.21079	13.42212	2532.18966
30005	1514	20	0.14954	2	10	1.00	0	0	590	0.44952	0.01004	19.95994	88.2286
30005	24766	45	0.10452	9	3	3.00	100	0	19253	0.15547	0.64201	40.33594	2012.32356
30005	24767	45	0.04823	9	3	3.00	100	0	18936	0.07148	0.63144	40.48687	913.28328
30006	24781	50	0.07046	10	3	3.00	7	0	7750	0.08678	0.25842	48.71585	546.065
30006	25056	50	0.08631	10	3	3.00	7	0	8484	0.10665	0.28291	48.55612	732.25404
30006	25059	25	0.06060	10	5	1.00	0	0	1564	0.14804	0.19001	24.56191	94.7784
30007	1507	20	0.04573	2	10	1.00	0	0	270	0.13731	0.00459	19.98165	12.3471
30007	1510	20	0.12566	2	10	1.00	0	0	44	0.37704	0.00074	19.99702	5.52904
30007	24778	25	0.05582	10	5	1.00	0	0	316	0.13433	0.03845	24.93332	17.63912
30007	25059	25	0.07223	10	5	1.00	0	0	538	0.17422	0.06535	24.87421	38.85974
30008	1110	25	0.20559	2	10	1.00	7	3	1071	0.49522	0.01822	24.90922	220.18689
30008	9358	45	0.14286	10	3	3.00	7	3	15566	0.20486	0.51909	41.83994	2223.75876
30008	9577	45	0.14286	10	3	3.00	7	3	16651	0.20680	0.55527	41.44892	2378.76186

2035 Roseville Proposed Zoning VMT

A	B	SPEED	DISTANCE	SPDCLASS	CAPCLASS	LANES	AREA	REGION	V_1	TIME_1	VC_1	CSPD_1	VMT
7	8	25	0.22596	2	10	1.00	1	3	3	0.54230	0.00005	24.99976	0.67788
7	8670	25	0.15682	2	10	1.00	1	3	723	0.37730	0.01230	24.93865	113.38086
7	8688	25	0.09988	2	10	1.00	1	3	508	0.24013	0.00865	24.95683	50.73904
8	7	25	0.22596	2	10	1.00	1	3	3	0.54230	0.00005	24.99976	0.67788
8	8666	25	0.12820	2	10	1.00	1	3	695	0.30841	0.01182	24.94104	89.099
8	8692	25	0.14814	2	10	1.00	1	3	140	0.35572	0.00238	24.98812	20.7396
9	8654	25	0.12051	2	10	1.00	1	3	525	0.28975	0.00893	24.95543	63.26775
9	8692	25	0.15551	2	10	1.00	1	3	132	0.37338	0.00225	24.98876	20.52732
10	8686	25	0.12673	2	10	1.00	1	3	1258	0.30545	0.02140	24.89345	159.42634
11	8716	25	0.03278	2	10	1.00	1	3	2926	0.07947	0.04976	24.75367	95.91428
12	9026	25	0.06117	2	10	1.00	1	3	535	0.14709	0.00910	24.95459	32.72595
12	9028	25	0.16874	2	10	1.00	1	3	579	0.40577	0.00985	24.95087	97.70046
13	9034	25	0.10232	2	10	1.00	5	3	1197	0.24658	0.02035	24.89866	122.47704
14	8864	25	0.13678	2	10	1.00	1	3	697	0.32904	0.01185	24.94088	95.33566
15	8720	25	0.17001	2	10	1.00	1	3	1483	0.41008	0.02522	24.87453	252.12483
16	8878	25	0.13364	2	10	1.00	1	3	1810	0.32271	0.03078	24.84702	241.8884
17	8864	25	0.38585	2	10	1.00	1	3	821	0.92862	0.01396	24.93042	316.78285
18	8726	25	0.07083	2	10	1.00	1	3	1044	0.17060	0.01776	24.91151	73.94652
19	8728	25	0.26141	2	10	1.00	1	3	103	0.62759	0.00175	24.99124	26.92523
19	8866	25	0.15154	2	10	1.00	1	3	351	0.36414	0.00596	24.97023	53.19054
19	8872	25	0.28092	2	10	1.00	1	3	623	0.67564	0.01059	24.94716	175.01316
20	8830	25	0.16477	2	10	1.00	1	3	2243	0.39846	0.03814	24.81073	369.57911
20	8874	25	0.25626	2	10	1.00	1	3	387	0.61583	0.00659	24.96711	99.17262
21	8732	25	0.12414	2	10	1.00	1	3	778	0.29873	0.01324	24.93398	96.58092
22	8734	25	0.07920	2	10	1.00	1	3	612	0.19047	0.01041	24.94804	48.4704
23	8736	25	0.15839	2	10	1.00	1	3	950	0.38136	0.01615	24.91951	150.4705
24	8822	25	0.09345	2	10	1.00	1	3	967	0.22502	0.01644	24.91805	90.36615
25	8826	25	0.13801	2	10	1.00	1	3	1749	0.33321	0.02975	24.85212	241.37949
26	8774	25	0.10324	2	10	1.00	1	3	331	0.24805	0.00562	24.97192	34.17244
26	8778	25	0.12255	2	10	1.00	1	3	373	0.29450	0.00635	24.96830	45.71115
27	8816	25	0.04277	2	10	1.00	1	3	2787	0.10363	0.04740	24.76523	119.19999
27	8820	25	0.13537	2	10	1.00	1	3	1105	0.32610	0.01879	24.90639	149.58385
28	8810	25	0.05791	2	10	1.00	1	3	5145	0.14141	0.08751	24.57000	297.94695
29	8860	25	0.04015	2	10	1.00	1	3	5202	0.09807	0.08846	24.56538	208.8603
30	8856	25	0.03719	2	10	1.00	1	3	1671	0.08977	0.02842	24.85872	62.14449
31	5938	25	0.36472	2	10	1.00	1	3	932	0.87811	0.01584	24.92103	339.91904
31	8802	25	0.18056	2	10	1.00	1	3	1840	0.43605	0.03129	24.84455	332.2304
31	8806	25	0.14591	2	10	1.00	1	3	99	0.35031	0.00169	24.99157	14.44509
32	8806	25	0.04623	2	10	1.00	1	3	4882	0.11280	0.08303	24.59162	225.69486
33	5916	25	0.11588	2	10	1.00	1	3	933	0.27899	0.01587	24.92092	108.11604
33	5922	25	0.20392	2	10	1.00	1	3	449	0.49015	0.00764	24.96187	91.56008
33	8806	25	0.17174	2	10	1.00	1	3	88	0.41230	0.00149	24.99256	15.11312
34	5920	25	0.05170	2	10	1.00	1	3	1675	0.12480	0.02848	24.85840	86.5975
35	5912	25	0.08977	2	10	1.00	1	3	1562	0.21660	0.02656	24.86790	140.22074
36	37	25	0.32001	2	10	1.00	1	3	15	0.76806	0.00026	24.99870	4.80015
36	8670	25	0.11679	2	10	1.00	1	3	724	0.28099	0.01231	24.93859	84.55596
36	9020	25	0.11438	2	10	1.00	1	3	1124	0.27557	0.01911	24.90479	128.56312
37	36	25	0.32001	2	10	1.00	1	3	15	0.76806	0.00026	24.99870	4.80015
37	38	25	0.22674	2	10	1.00	1	3	11	0.54420	0.00019	24.99904	2.49414
37	8668	25	0.21623	2	10	1.00	1	3	215	0.51934	0.00365	24.98176	46.48945
37	8672	25	0.20473	2	10	1.00	1	3	867	0.49281	0.01475	24.92647	177.50091
37	9018	25	0.22017	2	10	1.00	1	3	776	0.52980	0.01320	24.93415	170.85192
38	37	25	0.22674	2	10	1.00	1	3	11	0.54420	0.00019	24.99904	2.49414
38	8674	25	0.13166	2	10	1.00	1	3	472	0.31650	0.00803	24.95990	62.14352
38	9016	25	0.15316	2	10	1.00	1	3	961	0.36878	0.01635	24.91853	147.18676
39	41	25	0.26100	2	10	1.00	1	3	10	0.62641	0.00017	24.99915	2.61

39	42	25	0.16216	2	10	1.00	1	3	9	0.38921	0.00016	24.99920	1.45944
39	8672	25	0.19352	2	10	1.00	1	3	447	0.46514	0.00761	24.96202	86.50344
39	9566	25	0.15060	2	10	1.00	1	3	387	0.36192	0.00658	24.96715	58.2822
40	9565	25	0.05041	2	10	1.00	1	3	1477	0.12160	0.02512	24.87502	74.45557
41	39	25	0.26100	2	10	1.00	1	3	10	0.62641	0.00017	24.99915	2.61
41	42	25	0.25564	2	10	1.00	1	3	22	0.61357	0.00037	24.99813	5.62408
41	9565	25	0.21482	2	10	1.00	1	3	1608	0.51839	0.02735	24.86397	345.43056
41	9569	25	0.41313	2	10	1.00	1	3	373	0.99277	0.00635	24.96830	154.09749
42	39	25	0.16216	2	10	1.00	1	3	9	0.38921	0.00016	24.99920	1.45944
42	41	25	0.25564	2	10	1.00	1	3	22	0.61357	0.00037	24.99813	5.62408
42	9565	25	0.41543	2	10	1.00	1	3	486	0.99869	0.00826	24.95878	201.89898
42	9566	25	0.31135	2	10	1.00	1	3	277	0.74794	0.00471	24.97650	86.24395
42	9569	25	0.15871	2	10	1.00	1	3	957	0.38215	0.01628	24.91885	151.88547
43	5900	25	0.17402	2	10	1.00	1	3	2702	0.42148	0.04595	24.77234	470.20204
43	9012	25	0.22983	2	10	1.00	1	3	2973	0.55716	0.05057	24.74969	683.28459
44	8708	25	0.08224	2	10	1.00	1	3	1764	0.19856	0.03000	24.85090	145.07136
44	9060	25	0.09049	2	10	1.00	1	3	918	0.21785	0.01562	24.92215	83.06982
45	8714	25	0.12244	2	10	1.00	1	0	140	0.29399	0.00238	24.98812	17.1416
45	9058	25	0.15242	2	10	1.00	1	3	647	0.36660	0.01100	24.94514	98.61574
46	9008	25	0.13625	2	10	1.00	1	3	454	0.32751	0.00772	24.96148	61.8575
46	9056	25	0.20231	2	10	1.00	1	3	355	0.48614	0.00603	24.96988	71.82005
47	9008	25	0.12669	2	10	1.00	1	3	1505	0.30562	0.02560	24.87267	190.66845
48	5898	25	0.11382	2	10	1.00	1	3	630	0.27375	0.01072	24.94652	71.7066
49	5892	25	0.10350	2	10	1.00	1	3	5575	0.25310	0.09480	24.53480	577.0125
50	5898	25	0.70760	2	10	1.00	1	3	391	1.70050	0.00666	24.96677	276.6716
52	25088	25	0.40681	1	10	1.00	100	0	85	0.97664	0.00145	24.99275	34.57885
54	8702	25	0.12516	1	10	1.00	100	0	1534	0.30194	0.02609	24.87020	191.99544
54	8714	25	0.13617	1	10	1.00	100	0	613	0.32748	0.01042	24.94800	83.47221
55	8784	25	0.06984	2	10	1.00	1	3	2106	0.16881	0.03581	24.82221	147.08304
55	8786	25	0.13143	2	10	1.00	1	3	2249	0.31785	0.03826	24.81017	295.58607
56	8786	25	0.07371	2	10	1.00	1	3	2347	0.17831	0.03991	24.80204	172.99737
56	8846	25	0.07389	2	10	1.00	1	3	850	0.17784	0.01446	24.92790	62.8065
57	8850	25	0.19165	2	10	1.00	1	3	443	0.46066	0.00753	24.96242	84.90095
57	8862	25	0.16739	2	10	1.00	1	3	783	0.40280	0.01331	24.93361	131.06637
58	8850	25	0.08978	2	10	1.00	1	3	559	0.21589	0.00951	24.95256	50.18702
59	9553	25	0.10502	2	10	1.00	1	3	796	0.25272	0.01353	24.93252	83.59592
59	9554	25	0.11201	2	10	1.00	1	3	605	0.26938	0.01028	24.94870	67.76605
60	8788	25	0.09089	2	10	1.00	1	3	1295	0.21909	0.02203	24.89035	117.70255
61	8794	25	0.06859	2	10	1.00	1	3	463	0.16487	0.00787	24.96072	31.75717
62	5944	25	0.18024	2	10	1.00	1	3	28	0.43261	0.00047	24.99765	5.04672
62	8790	25	0.16846	2	10	1.00	1	3	574	0.40509	0.00976	24.95132	96.69604
63	5944	25	0.15474	2	10	1.00	1	3	55	0.37144	0.00093	24.99535	8.5107
63	8796	25	0.18196	2	10	1.00	1	3	651	0.43767	0.01107	24.94480	118.45596
64	5942	25	0.14427	2	10	1.00	1	3	1410	0.34790	0.02398	24.88067	203.4207
65	5940	25	0.07850	2	10	1.00	1	3	1591	0.18942	0.02707	24.86540	124.8935
66	5870	25	0.09433	2	10	1.00	1	3	1672	0.22767	0.02844	24.85859	157.71976
67	5918	25	0.18380	2	10	1.00	1	3	3966	0.44707	0.06745	24.66722	728.9508
68	5870	25	0.11633	2	10	1.00	1	3	4061	0.28305	0.06907	24.65935	472.41613
68	30004	25	0.06963	2	10	1.00	1	3	1705	0.16809	0.02899	24.85589	118.71915
69	5874	25	0.06897	2	10	1.00	1	3	1271	0.16623	0.02162	24.89235	87.66087
70	5930	25	0.04643	2	10	1.00	1	3	1412	0.11197	0.02402	24.88050	65.55916
71	5874	25	0.14941	2	10	1.00	1	3	646	0.35937	0.01099	24.94518	96.51886
71	5924	25	0.37453	2	10	1.00	1	3	78	0.89910	0.00132	24.99338	29.21334
72	5926	25	0.06375	2	10	1.00	1	3	1505	0.15378	0.02559	24.87268	95.94375
73	5905	25	0.20040	2	10	1.00	1	0	340	0.48151	0.00579	24.97109	68.136
73	5924	25	0.14287	2	10	1.00	1	3	294	0.34322	0.00500	24.97503	42.00378
74	5878	25	0.15241	2	10	1.00	1	3	200	0.36603	0.00341	24.98297	30.482
74	5908	25	0.08815	2	10	1.00	1	3	253	0.21175	0.00431	24.97847	22.30195

75	5906	25	0.30788	2	10	1.00	1	3	2134	0.74428	0.03630	24.81981	657.01592
76	5884	25	0.07889	2	10	1.00	1	3	2724	0.19109	0.04632	24.77053	214.89636
77	5910	25	0.05294	2	10	1.00	1	3	1113	0.12753	0.01892	24.90574	58.92222
78	8780	25	0.04981	2	10	1.00	1	3	1673	0.12023	0.02845	24.85853	83.33213
79	8782	25	0.05113	2	10	1.00	1	3	3379	0.12413	0.05747	24.71590	172.76827
80	5826	25	0.07332	2	10	1.00	1	3	1105	0.17662	0.01880	24.90635	81.0186
81	8924	25	0.04122	2	10	1.00	1	3	1461	0.09942	0.02485	24.87638	60.22242
82	5558	25	0.04314	2	10	1.00	1	3	413	0.10368	0.00703	24.96490	17.81682
83	5844	25	0.03178	2	10	1.00	1	3	1122	0.07657	0.01908	24.90496	35.65716
84	5566	25	0.05271	2	10	1.00	1	3	2782	0.12770	0.04732	24.76564	146.63922
85	5776	25	0.21194	2	10	1.00	1	3	794	0.51003	0.01351	24.93263	168.28036
85	5852	25	0.06247	2	10	1.00	1	3	1117	0.15050	0.01900	24.90536	69.77899
86	5828	25	0.17035	2	10	1.00	1	3	331	0.40930	0.00562	24.97192	56.38585
86	8930	25	0.12044	2	10	1.00	1	3	308	0.28937	0.00524	24.97384	37.09552
87	5840	25	0.02323	2	10	1.00	1	3	1000	0.05594	0.01701	24.91524	23.23
88	5850	25	0.08666	2	10	1.00	1	3	930	0.20864	0.01581	24.92118	80.5938
89	5854	25	0.06897	2	10	1.00	1	3	776	0.16595	0.01320	24.93415	53.52072
90	5768	25	0.12064	2	10	1.00	1	3	312	0.28985	0.00531	24.97348	37.63968
90	5854	25	0.29282	2	10	1.00	1	3	54	0.70289	0.00092	24.99539	15.81228
91	5832	25	0.09067	2	10	1.00	1	3	1124	0.21845	0.01912	24.90477	101.91308
92	8934	25	0.04365	2	10	1.00	1	3	1595	0.10534	0.02713	24.86506	69.62175
93	8932	25	0.18361	2	10	1.00	1	3	3302	0.44561	0.05616	24.72234	606.28022
94	5868	25	0.27293	2	10	1.00	1	3	666	0.65651	0.01132	24.94352	181.77138
94	6002	25	0.17455	2	10	1.00	1	3	829	0.42011	0.01410	24.92967	144.70195
95	5664	25	0.11480	2	10	1.00	1	3	2628	0.27799	0.04470	24.77849	301.6944
96	5664	25	0.03983	2	10	1.00	1	3	1917	0.09621	0.03261	24.83801	76.35411
97	5764	25	0.10917	2	10	1.00	1	3	713	0.26264	0.01212	24.93954	77.83821
98	5834	25	0.20522	2	10	1.00	1	3	474	0.49333	0.00806	24.95979	97.27428
98	22228	25	0.18645	2	10	1.00	1	3	221	0.44781	0.00376	24.98121	41.20545
99	22227	25	0.10990	2	10	1.00	1	3	626	0.26432	0.01064	24.94690	68.7974
99	22228	25	0.10025	2	10	1.00	1	3	847	0.24130	0.01441	24.92816	84.91175
100	5948	25	0.06040	2	10	1.00	1	3	79	0.14499	0.00134	24.99331	4.7716
101	5934	25	0.03441	2	10	1.00	1	3	793	0.08280	0.01348	24.93276	27.28713
102	5936	25	0.08732	2	10	1.00	1	3	3181	0.21184	0.05411	24.73237	277.76492
103	105	25	0.26317	2	10	1.00	1	3	2	0.63160	0.00004	24.99981	0.52634
103	5951	25	0.33413	2	10	1.00	1	3	160	0.80236	0.00273	24.98636	53.4608
103	5953	25	0.11922	2	10	1.00	1	3	778	0.28689	0.01323	24.93401	92.75316
104	5864	25	0.09175	2	10	1.00	1	3	965	0.22093	0.01641	24.91821	88.53875
105	103	25	0.26317	2	10	1.00	1	3	2	0.63160	0.00004	24.99981	0.52634
105	5670	25	0.23242	2	10	1.00	1	3	423	0.55860	0.00719	24.96409	98.31366
105	5951	25	0.09036	2	10	1.00	1	3	380	0.21714	0.00647	24.96770	34.3368
105	5953	25	0.30919	2	10	1.00	1	3	138	0.74240	0.00235	24.98827	42.66822
107	5934	25	0.21166	1	10	1.00	100	0	851	0.50946	0.01447	24.92787	180.12266
108	5668	25	0.03900	2	10	1.00	1	3	1381	0.09404	0.02349	24.88311	53.859
108	5764	25	0.11802	2	10	1.00	1	3	275	0.28352	0.00468	24.97661	32.4555
109	110	25	0.26388	2	10	1.00	1	3	1	0.63331	0.00002	24.99988	0.26388
109	111	25	0.16129	2	10	1.00	1	3	1	0.38711	0.00003	24.99987	0.16129
109	5670	25	0.30678	2	10	1.00	1	3	238	0.73687	0.00404	24.97982	73.01364
109	5837	25	0.18827	2	10	1.00	1	3	444	0.45253	0.00755	24.96229	83.59188
110	109	25	0.26388	2	10	1.00	1	3	1	0.63331	0.00002	24.99988	0.26388
110	5671	25	0.10410	2	10	1.00	1	3	941	0.25064	0.01601	24.92022	97.9581
111	109	25	0.16129	2	10	1.00	1	3	1	0.38711	0.00003	24.99987	0.16129
111	5677	25	0.07187	2	10	1.00	1	3	807	0.17297	0.01372	24.93159	57.99909
112	22227	25	0.08149	2	10	1.00	1	3	1145	0.19635	0.01948	24.90297	93.30605
113	5683	25	0.17314	2	10	1.00	1	3	1400	0.41751	0.02381	24.88153	242.396
113	5759	25	0.13622	2	10	1.00	1	3	1226	0.32828	0.02085	24.89620	167.00572
114	5752	25	0.22128	2	10	1.00	1	3	1409	0.53362	0.02395	24.88080	311.78352
114	5822	25	0.14642	2	10	1.00	1	3	458	0.35196	0.00779	24.96109	67.06036

115	5689	25	0.11036	2	10	1.00	1	3	196	0.26505	0.00334	24.98333	21.63056
115	5823	25	0.09224	2	10	1.00	1	3	465	0.22174	0.00791	24.96054	42.8916
116	5820	25	0.07337	2	10	1.00	1	3	919	0.17664	0.01562	24.92213	67.42703
117	5748	25	0.04633	2	10	1.00	1	3	403	0.11133	0.00685	24.96580	18.67099
118	5818	25	0.03845	2	10	1.00	1	3	235	0.09236	0.00399	24.98005	9.03575
119	5808	25	0.17042	1	10	1.00	100	3	808	0.41014	0.01374	24.93147	137.69936
119	6007	25	0.11651	1	10	1.00	100	3	245	0.27986	0.00417	24.97918	28.54495
120	5744	25	0.15757	1	10	1.00	100	3	611	0.37896	0.01039	24.94816	96.27527
120	6008	25	0.11952	1	10	1.00	100	3	384	0.28722	0.00654	24.96735	45.89568
121	5744	25	0.13327	2	10	1.00	1	3	0	0.31985	0.00000	25.00000	0
125	5692	25	0.30468	1	10	1.00	100	0	325	0.73205	0.00553	24.97237	99.021
125	6007	25	0.32064	1	10	1.00	100	0	117	0.76985	0.00199	24.99005	37.51488
128	5798	25	0.22538	2	10	1.00	1	3	389	0.54163	0.00661	24.96698	87.67282
129	5794	25	0.04806	2	10	1.00	1	3	329	0.11548	0.00560	24.97205	15.81174
129	5806	25	0.05373	2	10	1.00	1	3	205	0.12905	0.00348	24.98260	11.01465
130	5790	25	0.22222	2	10	1.00	1	3	267	0.53381	0.00455	24.97728	59.33274
130	5810	25	0.13755	2	10	1.00	1	3	155	0.33029	0.00264	24.98683	21.32025
131	5768	25	0.15494	2	10	1.00	1	3	127	0.37201	0.00216	24.98920	19.67738
132	5782	25	0.08811	2	10	1.00	1	3	138	0.21156	0.00235	24.98826	12.15918
132	5800	25	0.13613	2	10	1.00	1	3	305	0.32706	0.00519	24.97408	41.51965
133	5802	25	0.10428	2	10	1.00	1	3	267	0.25050	0.00455	24.97728	27.84276
134	8918	25	0.08306	2	10	1.00	1	3	4527	0.20241	0.07699	24.62087	376.01262
135	5558	25	0.05928	2	10	1.00	1	3	1897	0.14319	0.03227	24.83969	112.45416
135	5646	25	0.09258	2	10	1.00	1	3	25	0.22221	0.00042	24.99788	2.3145
135	8920	25	0.12102	2	10	1.00	1	3	339	0.29077	0.00576	24.97123	41.02578
136	5562	25	0.06705	2	10	1.00	1	3	2115	0.16207	0.03596	24.82147	141.81075
136	5646	25	0.08977	2	10	1.00	1	3	448	0.21578	0.00762	24.96197	40.21696
137	8918	25	0.10348	2	10	1.00	1	3	3919	0.25167	0.06665	24.67114	405.53812
138	5952	25	0.06293	2	10	1.00	1	3	6	0.15104	0.00011	24.99945	0.37758
138	8916	25	0.10902	2	10	1.00	1	3	2048	0.26347	0.03482	24.82709	223.27296
138	8937	25	0.10558	2	10	1.00	1	3	1026	0.25428	0.01745	24.91307	108.32508
139	5636	25	0.08716	2	10	1.00	1	3	1407	0.21018	0.02393	24.88092	122.63412
139	5642	25	0.07317	2	10	1.00	1	3	663	0.17601	0.01127	24.94377	48.51171
140	5584	25	0.07799	2	10	1.00	1	3	3126	0.18916	0.05316	24.73697	243.79674
141	5588	25	0.07456	2	10	1.00	1	0	531	0.17926	0.00902	24.95497	39.59136
142	5594	25	0.12059	2	10	1.00	3	3	1110	0.29051	0.01887	24.90600	133.8549
144	8942	25	0.12084	2	10	1.00	1	3	2597	0.29258	0.04417	24.78108	313.82148
150	8650	25	0.06351	2	10	1.00	5	3	384	0.15263	0.00652	24.96742	24.38784
151	5960	25	0.22588	2	10	1.00	5	3	298	0.54267	0.00507	24.97468	67.31224
151	9066	25	0.08409	2	10	1.00	5	3	535	0.20219	0.00910	24.95460	44.98815
152	8676	25	0.18098	2	10	1.00	5	3	530	0.43514	0.00901	24.95501	95.9194
152	8684	25	0.11461	2	10	1.00	5	3	548	0.27558	0.00931	24.95352	62.80628
153	8680	25	0.13249	2	10	1.00	5	3	792	0.31884	0.01348	24.93279	104.93208
154	8708	25	0.11294	2	10	1.00	5	3	416	0.27145	0.00707	24.96469	46.98304
154	9064	25	0.05170	2	10	1.00	5	3	1535	0.12474	0.02611	24.87011	79.3595
155	8706	25	0.03693	2	10	1.00	5	3	58	0.08865	0.00098	24.99508	2.14194
156	8696	25	0.14023	2	10	1.00	5	3	422	0.33703	0.00717	24.96421	59.17706
156	8702	25	0.18939	2	10	1.00	5	3	616	0.45549	0.01048	24.94770	116.66424
157	8694	25	0.07804	2	10	1.00	5	3	680	0.18772	0.01157	24.94229	53.0672
157	9066	25	0.17246	2	10	1.00	5	3	271	0.41429	0.00462	24.97694	46.73666
158	8694	25	0.11984	2	10	1.00	5	3	339	0.28794	0.00577	24.97120	40.62576
159	5506	25	0.20348	2	10	1.00	5	3	532	0.48923	0.00905	24.95481	108.25136
159	8696	25	0.10894	2	10	1.00	5	3	244	0.26168	0.00415	24.97927	26.58136
159	8982	25	0.23800	2	10	1.00	5	3	114	0.57142	0.00193	24.99033	27.132
160	8980	25	0.15503	2	10	1.00	5	3	573	0.37279	0.00975	24.95136	88.83219
160	8996	25	0.15115	2	10	1.00	5	3	506	0.36338	0.00860	24.95707	76.4819
161	5502	25	0.09503	2	10	1.00	5	3	77	0.22814	0.00130	24.99348	7.31731
161	8994	25	0.08437	2	10	1.00	5	3	43	0.20253	0.00074	24.99631	3.62791

162	5500	25	0.07582	2	10	1.00	5	3	231	0.18212	0.00393	24.98039	17.51442
162	8994	25	0.18628	2	10	1.00	5	3	85	0.44720	0.00145	24.99277	15.8338
163	8976	25	0.17425	2	10	1.00	5	3	355	0.41871	0.00604	24.96983	61.85875
163	8996	25	0.16245	2	10	1.00	5	3	446	0.39046	0.00758	24.96214	72.4527
164	8968	25	0.05256	2	10	1.00	5	3	624	0.12642	0.01061	24.94706	32.79744
164	8998	25	0.09004	2	10	1.00	5	3	401	0.21638	0.00681	24.96598	36.10604
165	8970	25	0.09197	2	10	1.00	5	3	229	0.22091	0.00389	24.98055	21.06113
165	8974	25	0.17739	2	10	1.00	5	3	108	0.42588	0.00184	24.99078	19.15812
166	8970	25	0.15124	2	10	1.00	5	3	728	0.36388	0.01238	24.93827	110.10272
167	8646	25	0.14670	2	10	1.00	5	3	130	0.35223	0.00220	24.98899	19.071
167	8968	25	0.15013	2	10	1.00	5	3	333	0.36073	0.00567	24.97170	49.99329
168	8647	25	0.36069	2	10	1.00	5	3	186	0.86621	0.00317	24.98417	67.08834
168	8983	25	0.22196	2	10	1.00	5	3	1537	0.53549	0.02614	24.87000	341.15252
169	8647	25	0.16274	2	10	1.00	5	3	542	0.39130	0.00921	24.95403	88.20508
170	8682	25	0.09203	2	10	1.00	5	3	224	0.22103	0.00380	24.98100	20.61472
170	9030	25	0.17487	2	10	1.00	5	3	153	0.41991	0.00260	24.98702	26.75511
171	8682	25	0.10106	2	10	1.00	5	3	165	0.24269	0.00280	24.98600	16.6749
171	9034	25	0.08651	2	10	1.00	5	3	133	0.20771	0.00227	24.98867	11.50583
172	8680	25	0.16847	2	10	1.00	5	3	492	0.40501	0.00837	24.95821	82.88724
172	9034	25	0.17408	2	10	1.00	5	3	1440	0.41984	0.02449	24.87817	250.6752
173	9036	25	0.13011	2	10	1.00	5	3	996	0.31333	0.01694	24.91556	129.58956
174	176	25	0.27881	2	10	1.00	5	3	4	0.66916	0.00007	24.99964	1.11524
174	9567	25	0.29297	2	10	1.00	5	3	363	0.70399	0.00617	24.96917	106.34811
174	9568	25	0.21417	2	10	1.00	5	3	1046	0.51585	0.01779	24.91138	224.02182
175	5960	25	0.17793	2	10	1.00	5	3	270	0.42743	0.00459	24.97708	48.0411
175	5962	25	0.09046	2	10	1.00	5	3	1563	0.21826	0.02658	24.86782	141.38898
176	174	25	0.27881	2	10	1.00	5	3	4	0.66916	0.00007	24.99964	1.11524
176	9567	25	0.09403	2	10	1.00	5	3	1084	0.22651	0.01844	24.90816	101.92852
176	9568	25	0.49138	2	10	1.00	5	3	210	1.18015	0.00358	24.98213	103.1898
177	9076	25	0.27982	2	10	1.00	5	3	1295	0.67453	0.02203	24.89034	362.3669
178	8738	25	0.01345	2	10	1.00	5	3	1785	0.03247	0.03036	24.84912	24.00825
179	5962	25	0.09383	2	10	1.00	5	3	1238	0.22613	0.02105	24.89519	116.16154
179	8626	25	0.09488	2	10	1.00	5	3	1487	0.22886	0.02528	24.87423	141.08656
179	8638	25	0.19395	2	10	1.00	5	3	627	0.46647	0.01066	24.94681	121.60665
180	8630	25	0.12309	2	10	1.00	5	3	335	0.29575	0.00569	24.97159	41.23515
180	8634	25	0.18746	2	10	1.00	5	3	454	0.45061	0.00773	24.96144	85.10684
181	5504	25	0.13954	2	10	1.00	5	3	667	0.33566	0.01134	24.94345	93.07318
181	8990	25	0.13974	2	10	1.00	5	3	247	0.33565	0.00420	24.97902	34.51578
182	5504	25	0.33275	2	10	1.00	5	3	115	0.79892	0.00195	24.99024	38.26625
182	8620	25	0.18270	2	10	1.00	5	3	140	0.43870	0.00239	24.98806	25.578
182	8630	25	0.14384	2	10	1.00	5	3	771	0.34611	0.01311	24.93460	110.90064
182	8988	25	0.17129	2	10	1.00	5	3	16	0.41112	0.00027	24.99866	2.74064
183	8622	25	0.15449	2	10	1.00	5	3	276	0.37113	0.00469	24.97656	42.63924
183	8628	25	0.18514	2	10	1.00	5	3	478	0.44505	0.00813	24.95942	88.49692
184	8626	25	0.16543	2	10	1.00	5	3	26	0.39707	0.00044	24.99778	4.30118
184	9074	25	0.04333	2	10	1.00	5	3	807	0.10427	0.01373	24.93156	34.96731
185	9076	25	0.22577	2	10	1.00	5	3	917	0.54353	0.01559	24.92230	207.03109
185	9092	25	0.16435	2	10	1.00	5	3	277	0.39482	0.00471	24.97649	45.52495
186	9080	25	0.06950	2	10	1.00	5	3	407	0.16703	0.00692	24.96545	28.2865
186	9090	25	0.05417	2	10	1.00	5	3	206	0.13010	0.00351	24.98248	11.15902
187	9084	25	0.05710	2	10	1.00	5	3	1732	0.13784	0.02946	24.85357	98.8972
187	9090	25	0.12686	2	10	1.00	5	3	701	0.30518	0.01192	24.94056	88.92886
188	9090	25	0.15604	2	10	1.00	5	3	289	0.37486	0.00492	24.97542	45.09556
189	9086	25	0.15304	2	10	1.00	5	3	1739	0.36947	0.02958	24.85298	266.13656
189	9090	25	0.33320	2	10	1.00	5	3	258	0.80039	0.00438	24.97810	85.9656
190	8604	25	0.25043	2	10	1.00	5	3	1796	0.60471	0.03055	24.84817	449.77228
191	9092	25	0.12473	2	10	1.00	5	3	536	0.29991	0.00911	24.95451	66.85528
192	9096	25	0.10134	2	10	1.00	5	3	1446	0.24442	0.02459	24.87764	146.53764

193	8616	25	0.15870	2	10	1.00	5	3	0	0.38088	0.00000	25.00000	0
193	8628	25	0.09012	2	10	1.00	5	3	0	0.21629	0.00000	25.00000	0
194	8610	25	0.14212	2	10	1.00	5	3	267	0.34140	0.00453	24.97736	37.94604
194	8614	25	0.15634	2	10	1.00	5	3	103	0.37536	0.00175	24.99125	16.10302
195	8642	25	0.12584	2	10	1.00	5	3	1059	0.30310	0.01800	24.91030	133.26456
196	5500	25	0.20681	2	10	1.00	5	3	471	0.49715	0.00800	24.96005	97.40751
196	8990	25	0.16287	2	10	1.00	5	3	233	0.39119	0.00396	24.98021	37.94871
197	5500	25	0.20456	2	10	1.00	5	3	123	0.49114	0.00209	24.98956	25.16088
197	6005	25	0.05168	2	10	1.00	5	3	208	0.12411	0.00354	24.98232	10.74944
198	6005	25	0.27027	2	10	1.00	5	3	170	0.64902	0.00289	24.98555	45.9459
198	8614	25	0.09756	2	10	1.00	5	3	978	0.23491	0.01663	24.91715	95.41368
198	8988	25	0.24286	2	10	1.00	5	3	86	0.58302	0.00147	24.99266	20.88596
200	8600	25	0.10159	2	10	1.00	5	3	76	0.24388	0.00129	24.99356	7.72084
200	8610	25	0.29169	2	10	1.00	5	3	28	0.70011	0.00048	24.99759	8.16732
201	8600	25	0.22994	2	10	1.00	5	3	2871	0.55725	0.04883	24.75819	660.15774
201	8602	25	0.34444	2	10	1.00	5	3	691	0.82859	0.01175	24.94138	238.00804
202	8606	25	0.22921	2	10	1.00	5	3	2229	0.55428	0.03791	24.81186	510.90909
203	8611	25	0.08638	2	10	1.00	6	3	0	0.20732	0.00000	25.00000	0
203	9085	25	0.09862	2	10	1.00	6	3	0	0.23668	0.00000	25.00000	0
204	6003	25	0.22121	2	10	1.00	6	3	0	0.53089	0.00000	25.00000	0
204	9099	25	0.23922	2	10	1.00	6	3	0	0.57414	0.00000	25.00000	0
205	8667	25	0.10817	2	10	1.00	7	3	570	0.26011	0.00970	24.95161	61.6569
205	8669	25	0.11747	2	10	1.00	7	3	1228	0.28310	0.02088	24.89604	144.25316
206	6003	25	0.34060	2	10	1.00	6	3	4673	0.83042	0.07948	24.60884	1591.6238
207	8629	25	0.15246	2	10	1.00	7	3	498	0.36653	0.00846	24.95777	75.92508
208	8603	25	0.16392	2	10	1.00	6	3	870	0.39458	0.01480	24.92622	142.6104
208	9071	25	0.08980	2	10	1.00	6	3	1045	0.21629	0.01777	24.91149	93.841
208	9095	25	0.34594	2	10	1.00	6	3	1567	0.83467	0.02664	24.86749	542.08798
209	9071	25	0.28720	2	10	1.00	6	3	2252	0.69457	0.03830	24.80993	646.7744
209	9075	25	0.61256	2	10	1.00	6	3	1840	1.47934	0.03129	24.84453	1127.1104
210	5516	25	0.32283	2	10	1.00	4	3	12173	0.80686	0.20702	24.00603	3929.80959
211	5650	25	0.10824	2	10	1.00	4	3	7708	0.26659	0.13108	24.36132	834.31392
212	5524	25	0.06349	2	10	1.00	4	3	272	0.15252	0.00462	24.97693	17.26928
212	5648	25	0.07625	2	10	1.00	4	3	190	0.18311	0.00322	24.98389	14.4875
213	5520	25	0.15218	2	10	1.00	4	3	240	0.36552	0.00409	24.97958	36.5232
213	5526	25	0.09035	2	10	1.00	4	3	536	0.21723	0.00911	24.95453	48.4276
214	5518	25	0.17614	2	10	1.00	4	3	550	0.42354	0.00936	24.95331	96.877
214	5528	25	0.24093	2	10	1.00	4	3	136	0.57850	0.00232	24.98842	32.76648
214	9054	25	0.15300	2	10	1.00	4	3	905	0.36832	0.01539	24.92329	138.465
215	5532	25	0.15861	2	10	1.00	4	3	1357	0.38243	0.02308	24.88512	215.23377
216	5524	25	0.13744	2	10	1.00	4	3	1417	0.33144	0.02410	24.88008	194.75248
216	8746	25	0.09852	2	10	1.00	4	3	612	0.23693	0.01041	24.94804	60.29424
217	5534	25	0.05053	2	10	1.00	4	3	1043	0.12171	0.01775	24.91159	52.70279
218	8742	25	0.02867	2	10	1.00	4	3	983	0.06905	0.01672	24.91667	28.18261
219	8744	25	0.08025	2	10	1.00	4	3	641	0.19302	0.01090	24.94562	51.44025
220	8890	25	0.10804	2	10	1.00	4	3	957	0.26013	0.01627	24.91889	103.39428
221	5648	25	0.07684	2	10	1.00	4	3	1792	0.18555	0.03048	24.84851	137.69728
221	5958	25	0.07898	2	10	1.00	4	3	841	0.19009	0.01430	24.92868	66.42218
222	8892	25	0.12758	2	10	1.00	4	3	1995	0.30827	0.03393	24.83150	254.5221
223	8894	25	0.13701	2	10	1.00	4	3	6187	0.33574	0.10522	24.48477	847.68087
224	9803	25	0.04186	2	10	1.00	4	3	9921	0.10385	0.16872	24.18392	415.29306
225	8886	25	0.15475	2	10	1.00	4	3	1156	0.37287	0.01965	24.90211	178.891
226	8758	25	0.15314	2	10	1.00	4	3	764	0.36848	0.01299	24.93521	116.99896
227	8880	25	0.05549	2	10	1.00	4	3	876	0.13358	0.01490	24.92574	48.60924
228	5954	25	0.09156	2	10	1.00	4	3	2860	0.22189	0.04865	24.75911	261.8616
228	8762	25	0.18209	2	10	1.00	4	3	51	0.43710	0.00088	24.99562	9.28659
229	5954	25	0.18856	2	10	1.00	4	3	1297	0.45454	0.02207	24.89016	244.56232
229	8761	25	0.10892	2	10	1.00	4	3	2125	0.26329	0.03615	24.82057	231.455

229	8831	25	0.10722	2	10	1.00	4	3	1509	0.25865	0.02566	24.87235	161.79498
230	8765	25	0.15563	2	10	1.00	4	3	0	0.37351	0.00000	25.00000	0
231	8828	25	0.30377	2	10	1.00	4	3	0	0.72904	0.00000	25.00000	0
232	8834	25	0.14436	2	10	1.00	4	3	6681	0.35433	0.11362	24.44455	964.46916
232	8898	25	0.11890	2	10	1.00	4	3	11298	0.29634	0.19214	24.07486	1343.3322
233	8898	25	0.32330	2	10	1.00	4	3	2339	0.78208	0.03978	24.80268	756.1987
234	8758	25	0.22142	2	10	1.00	4	3	5237	0.54088	0.08906	24.56248	1159.57654
234	8760	25	0.19716	2	10	1.00	4	3	7967	0.48601	0.13550	24.34038	1570.77372
234	8767	25	0.18775	2	10	1.00	4	3	0	0.45060	0.00000	25.00000	0
234	8836	25	0.21270	2	10	1.00	4	3	7386	0.52331	0.12561	24.38732	1571.0022
237	3587	20	0.19558	3	10	3.00	0	3	55	0.58677	0.00031	19.99875	10.7569
237	9555	20	0.06707	3	10	3.00	0	3	4410	0.20222	0.02500	19.90050	295.7787
238	3457	20	0.06510	3	10	3.00	0	3	5724	0.19655	0.03245	19.87104	372.6324
238	3458	20	0.12401	3	10	3.00	0	3	69	0.37206	0.00039	19.99843	8.55669
239	3460	20	0.05142	3	10	3.00	0	3	2417	0.15468	0.01370	19.94534	124.28214
240	3468	20	0.08040	3	10	3.00	0	3	638	0.24137	0.00362	19.98554	51.2952
241	3467	20	0.05389	3	10	3.00	0	3	809	0.16182	0.00459	19.98166	43.59701
242	3465	20	0.10373	3	10	3.00	0	3	180	0.31125	0.00102	19.99593	18.6714
242	3467	20	0.11858	3	10	3.00	0	3	135	0.35578	0.00077	19.99694	16.0083
243	3465	20	0.13141	3	10	3.00	0	3	115	0.39429	0.00065	19.99740	15.11215
243	3595	20	0.13692	3	10	3.00	0	3	401	0.41096	0.00227	19.99091	54.90492
244	3466	20	0.17525	3	10	3.00	0	3	295	0.52591	0.00168	19.99330	51.69875
244	3595	20	0.13776	3	10	3.00	0	3	252	0.41341	0.00143	19.99430	34.71552
244	3596	20	0.21910	3	10	3.00	0	3	0	0.65729	0.00000	20.00000	0
245	3469	20	0.14929	3	10	3.00	0	3	193	0.44797	0.00109	19.99563	28.81297
245	3596	20	0.08842	3	10	3.00	0	3	493	0.26540	0.00279	19.98883	43.59106
246	3469	20	0.04369	3	10	3.00	0	3	336	0.13113	0.00191	19.99238	14.67984
247	3470	20	0.05124	3	10	3.00	0	3	521	0.15382	0.00295	19.98819	26.69604
248	3588	25	0.14634	2	10	1.00	4	3	6379	0.35884	0.10848	24.46911	933.50286
249	3456	20	0.12739	3	10	3.00	0	3	1530	0.38284	0.00868	19.96536	194.9067
249	9555	20	0.11774	3	10	3.00	0	3	1698	0.35390	0.00963	19.96157	199.92252
250	5566	25	0.07944	2	10	1.00	3	3	2110	0.19202	0.03589	24.82183	167.6184
250	5630	25	0.16269	2	10	1.00	3	3	1968	0.39307	0.03347	24.83378	320.17392
251	5638	25	0.08464	2	10	1.00	3	3	2501	0.20487	0.04253	24.78913	211.68464
252	8910	25	0.18385	2	10	1.00	3	3	8073	0.45334	0.13729	24.33189	1484.22105
253	5616	25	0.07651	2	10	1.00	3	3	1622	0.18465	0.02758	24.86284	124.09922
254	6010	25	0.09637	2	10	1.00	3	3	677	0.23183	0.01151	24.94257	65.24249
254	8912	25	0.08953	2	10	1.00	3	3	1795	0.21620	0.03052	24.84831	160.70635
255	6010	25	0.13359	2	10	1.00	3	3	3054	0.32395	0.05194	24.74295	407.98386
255	8904	25	0.17492	2	10	1.00	3	3	1586	0.42208	0.02698	24.86583	277.42312
256	5572	25	0.10010	2	10	1.00	3	3	1938	0.24183	0.03296	24.83627	193.9938
256	5626	25	0.18182	2	10	1.00	3	3	4664	0.44329	0.07932	24.60960	848.00848
256	5630	25	0.14477	2	10	1.00	3	3	5523	0.35396	0.09392	24.53905	799.56471
256	5640	25	0.17233	2	10	1.00	3	3	7922	0.42473	0.13473	24.34403	1365.19826
257	5622	25	0.11802	2	10	1.00	3	3	29	0.28329	0.00049	24.99755	3.42258
257	5634	25	0.11674	2	10	1.00	3	3	1440	0.28156	0.02449	24.87815	168.1056
257	5640	25	0.08739	2	10	1.00	3	3	1705	0.21095	0.02899	24.85587	148.99995
258	13976	25	0.07499	2	10	1.00	3	3	2680	0.18163	0.04558	24.77416	200.9732
258	15250	25	0.10660	2	10	1.00	3	3	1340	0.25701	0.02279	24.88656	142.844
258	25043	25	0.12902	2	10	1.00	3	3	14	0.30965	0.00023	24.99883	1.80628
259	5622	25	0.05814	2	10	1.00	3	3	3690	0.14128	0.06275	24.69012	214.5366
260	5576	25	0.09825	2	10	1.00	3	3	3050	0.23825	0.05186	24.74335	299.6625
260	5626	25	0.14006	2	10	1.00	3	3	3171	0.33977	0.05393	24.73322	444.13026
261	5600	25	0.11276	2	10	1.00	3	3	1816	0.27230	0.03088	24.84656	204.77216
262	5582	25	0.07184	2	10	1.00	3	3	772	0.17288	0.01313	24.93451	55.46048
262	5950	25	0.12601	2	10	1.00	3	3	1665	0.30413	0.02832	24.85920	209.80665
263	5606	25	0.15418	2	10	1.00	3	3	239	0.37034	0.00407	24.97967	36.84902
263	5628	25	0.15865	2	10	1.00	3	3	418	0.38130	0.00711	24.96451	66.3157

263	25044	25	0.16065	2	10	1.00	3	3	786	0.38660	0.01336	24.93337	126.2709
264	5602	25	0.15844	2	10	1.00	3	3	2604	0.38364	0.04429	24.78050	412.57776
267	5596	25	0.10181	2	10	1.00	3	3	494	0.24474	0.00839	24.95810	50.29414
268	5590	25	0.13082	2	10	1.00	3	0	319	0.31432	0.00543	24.97290	41.73158
268	5594	25	0.22087	2	10	1.00	3	3	380	0.53077	0.00647	24.96769	83.9306
270	5614	25	0.10485	2	10	1.00	3	3	857	0.25236	0.01458	24.92733	89.85645
270	8904	25	0.15018	2	10	1.00	3	3	723	0.36131	0.01229	24.93868	108.58014
271	8770	25	0.02758	2	10	1.00	3	3	1148	0.06644	0.01952	24.90278	31.66184
272	8938	25	0.10301	2	10	1.00	3	3	5776	0.25209	0.09824	24.51828	594.98576
273	5555	25	0.12084	2	10	1.00	3	3	12510	0.30236	0.21276	23.97961	1511.7084
275	3352	20	0.30548	3	10	3.00	0	3	261	0.91670	0.00148	19.99408	79.73028
275	3683	20	0.22959	3	10	3.00	0	0	39	0.68881	0.00022	19.99912	8.95401
281	5778	25	0.03272	2	10	1.00	2	3	3010	0.07933	0.05119	24.74664	98.4872
282	5572	25	0.12863	2	10	1.00	2	3	1512	0.31029	0.02572	24.87205	194.48856
282	5780	25	0.04021	2	10	1.00	2	3	292	0.09659	0.00496	24.97523	11.74132
283	5730	25	0.08384	2	10	1.00	2	3	980	0.20187	0.01667	24.91694	82.1632
284	5784	25	0.16193	2	10	1.00	2	3	156	0.38884	0.00266	24.98673	25.26108
285	5786	25	0.15307	2	10	1.00	2	3	496	0.36799	0.00844	24.95788	75.92272
286	5790	25	0.12132	2	10	1.00	2	3	7	0.29117	0.00012	24.99939	0.84924
287	5576	25	0.09753	2	10	1.00	2	3	68	0.23413	0.00116	24.99422	6.63204
287	5578	25	0.17027	2	10	1.00	2	3	1056	0.41012	0.01795	24.91055	179.80512
287	5728	25	0.20307	2	10	1.00	2	3	2701	0.49185	0.04593	24.77244	548.49207
288	5732	25	0.09670	2	10	1.00	2	3	876	0.23277	0.01489	24.92576	84.7092
289	9562	25	0.08071	2	10	1.00	2	3	1508	0.19469	0.02564	24.87243	121.71068
290	5716	25	0.09375	2	10	1.00	2	3	135	0.22510	0.00230	24.98849	12.65625
290	5736	25	0.07633	2	10	1.00	2	3	91	0.18324	0.00155	24.99223	6.94603
291	5734	25	0.13343	2	10	1.00	2	3	358	0.32061	0.00608	24.96963	47.76794
291	5814	25	0.11976	2	10	1.00	2	3	128	0.28755	0.00218	24.98910	15.32928
292	5736	25	0.12502	2	10	1.00	2	3	281	0.30035	0.00477	24.97615	35.13062
292	5816	25	0.03339	2	10	1.00	2	3	111	0.08017	0.00189	24.99057	3.70629
293	5816	25	0.10616	2	10	1.00	2	3	452	0.25517	0.00769	24.96163	47.98432
294	5582	25	0.11441	2	10	1.00	2	3	2434	0.27685	0.04139	24.79477	278.47394
294	9563	25	0.13929	2	10	1.00	2	3	523	0.33488	0.00889	24.95564	72.84867
295	297	25	0.24676	2	10	1.00	2	3	46	0.59232	0.00078	24.99612	11.35096
295	9563	25	0.17538	2	10	1.00	2	3	1358	0.42285	0.02309	24.88509	238.16604
295	9564	25	0.32542	2	10	1.00	2	3	485	0.78229	0.00824	24.95887	157.8287
296	5584	25	0.15092	2	10	1.00	2	3	1750	0.36437	0.02976	24.85209	264.11
296	6011	25	0.10931	2	10	1.00	2	3	12	0.26235	0.00020	24.99898	1.31172
296	9564	25	0.18762	2	10	1.00	2	3	1034	0.45188	0.01758	24.91240	193.99908
297	295	25	0.24676	2	10	1.00	2	3	46	0.59232	0.00078	24.99612	11.35096
297	9563	25	0.41996	2	10	1.00	2	3	1227	1.01212	0.02087	24.89606	515.29092
297	9564	25	0.10188	2	10	1.00	2	3	1956	0.24614	0.03327	24.83474	199.27728
298	5716	25	0.22804	2	10	1.00	2	3	653	0.54850	0.01110	24.94463	148.91012
298	5740	25	0.12022	2	10	1.00	2	3	557	0.28908	0.00947	24.95275	66.96254
299	5722	25	0.32974	2	10	1.00	2	3	166	0.79181	0.00282	24.98589	54.73684
299	5740	25	0.15714	2	10	1.00	2	3	1030	0.37847	0.01752	24.91271	161.8542
300	5722	25	0.05279	2	10	1.00	2	3	516	0.12693	0.00878	24.95619	27.23964
300	5738	25	0.24729	2	10	1.00	2	3	110	0.59371	0.00188	24.99062	27.2019
301	5722	25	0.13224	2	10	1.00	2	3	240	0.31763	0.00409	24.97957	31.7376
301	5810	25	0.13141	2	10	1.00	2	3	57	0.31545	0.00097	24.99515	7.49037
302	5726	25	0.15229	2	10	1.00	2	3	237	0.36580	0.00403	24.97988	36.09273
302	5812	25	0.15566	2	10	1.00	2	3	54	0.37366	0.00092	24.99540	8.40564
303	5726	25	0.08860	2	10	1.00	2	3	82	0.21269	0.00140	24.99302	7.2652
304	5690	25	0.08788	2	10	1.00	2	3	423	0.21121	0.00719	24.96409	37.17324
304	5726	25	0.09073	2	10	1.00	2	3	303	0.21798	0.00515	24.97425	27.49119
305	5684	25	0.06728	2	10	1.00	2	3	2514	0.16285	0.04275	24.78805	169.14192
305	5702	25	0.16686	2	10	1.00	2	0	178	0.40071	0.00303	24.98484	29.70108
306	5701	25	0.14301	2	10	1.00	2	3	522	0.34385	0.00888	24.95570	74.65122

306	5703	25	0.08804	2	10	1.00	2	3	265	0.21149	0.00450	24.97753	23.3306
307	5703	25	0.12663	2	10	1.00	2	3	366	0.30429	0.00623	24.96888	46.34658
307	5706	25	0.09852	2	10	1.00	2	3	145	0.23655	0.00246	24.98771	14.2854
308	5705	25	0.30354	2	10	1.00	2	3	575	0.72992	0.00978	24.95119	174.5355
309	5694	25	0.06432	2	10	1.00	2	3	247	0.15450	0.00420	24.97901	15.88704
310	5710	25	0.14042	2	10	1.00	2	3	413	0.33748	0.00703	24.96490	57.99346
311	5712	25	0.07167	2	10	1.00	2	0	132	0.17209	0.00225	24.98875	9.46044
312	5712	25	0.33594	2	10	1.00	2	0	908	0.80874	0.01545	24.92300	305.03352
313	8671	25	0.07796	2	10	1.00	7	3	901	0.18769	0.01531	24.92366	70.24196
314	8635	25	0.14087	2	10	1.00	7	3	956	0.33919	0.01627	24.91894	134.67172
315	8673	25	0.06120	2	10	1.00	7	3	1058	0.14742	0.01799	24.91038	64.7496
315	8677	25	0.59157	2	10	1.00	7	3	7	1.41979	0.00012	24.99940	4.14099
316	8675	25	0.11957	2	10	1.00	7	3	353	0.28731	0.00601	24.97000	42.20821
317	8633	25	0.18745	2	10	1.00	7	3	596	0.45078	0.01013	24.94945	111.7202
318	8631	25	0.21085	2	10	1.00	7	3	787	0.50738	0.01338	24.93329	165.93895
319	8637	25	0.07296	2	10	1.00	7	3	1252	0.17586	0.02129	24.89402	91.34592
320	8740	25	0.12796	2	10	1.00	1	3	175	0.30730	0.00298	24.98509	22.393
320	9040	25	0.13308	2	10	1.00	1	3	166	0.31956	0.00282	24.98590	22.09128
321	6004	25	0.15538	2	10	1.00	1	3	636	0.37372	0.01082	24.94599	98.82168
321	8740	25	0.15277	2	10	1.00	1	3	1358	0.36834	0.02310	24.88505	207.46166
321	9046	25	0.10715	2	10	1.00	1	3	2573	0.25942	0.04376	24.78309	275.69695
322	5510	25	0.26877	2	10	1.00	1	3	754	0.64670	0.01282	24.93609	202.65258
322	9052	25	0.15156	2	10	1.00	1	3	3601	0.36821	0.06125	24.69748	545.76756
323	5509	25	0.13876	2	10	1.00	1	3	3239	0.33670	0.05508	24.72758	449.44364
323	24840	25	0.13749	2	10	1.00	1	3	2418	0.33268	0.04112	24.79606	332.45082
324	27043	25	0.09062	2	10	1.00	1	3	1867	0.21888	0.03176	24.84222	169.18754
325	9561	25	0.12367	2	10	1.00	1	3	3178	0.30001	0.05405	24.73266	393.02326
326	9086	25	0.15524	2	10	1.00	1	3	5288	0.37928	0.08993	24.55828	820.90912
326	9093	25	0.26096	2	10	1.00	1	3	2344	0.63130	0.03986	24.80229	611.69024
327	9088	25	0.17376	2	10	1.00	1	3	2417	0.42045	0.04110	24.79616	419.97792
328	5660	25	0.22084	2	10	1.00	1	3	4124	0.53745	0.07013	24.65419	910.74416
329	6003	25	0.14239	2	10	1.00	6	3	1667	0.34368	0.02835	24.85904	237.36413
329	9078	25	0.15099	2	10	1.00	6	3	1891	0.36471	0.03216	24.84022	285.52209
330	8723	25	0.23545	2	10	1.00	1	3	3531	0.57186	0.06005	24.70332	831.37395
331	9075	25	0.35885	2	10	1.00	6	3	2005	0.86711	0.03410	24.83063	719.49425
331	9077	25	0.22137	2	10	1.00	6	3	66	0.53140	0.00113	24.99437	14.61042
331	9078	25	0.19434	2	10	1.00	6	3	3708	0.47231	0.06307	24.68859	720.61272
332	8723	25	0.08392	2	10	1.00	1	3	7578	0.20660	0.12888	24.37180	635.94576
333	9615	25	0.14133	2	10	1.00	0	3	668	0.33997	0.01136	24.94334	94.40844
502	8978	20	0.21281	1	10	3.00	100	0	733	0.63897	0.00415	19.98340	155.98973
616	5704	20	0.03096	1	10	3.00	100	0	2121	0.09311	0.01202	19.95202	65.66616
877	5557	20	0.06631	3	10	3.00	0	3	349	0.19900	0.00198	19.99209	23.14219
877	8769	20	0.04544	3	10	3.00	0	3	780	0.13644	0.00442	19.98232	35.4432
879	5563	20	0.10091	3	10	3.00	0	3	748	0.30300	0.00424	19.98306	75.48068
880	5563	25	0.08951	3	10	1.00	0	3	1843	0.21618	0.03135	24.84424	164.96693
880	5619	20	0.07415	3	10	3.00	0	3	559	0.22260	0.00317	19.98733	41.44985
881	5621	20	0.23051	3	10	3.00	0	3	1678	0.69285	0.00951	19.96202	386.79578
882	3348	20	0.17992	3	10	3.00	0	3	702	0.54020	0.00398	19.98410	126.30384
882	3350	20	0.14923	3	10	3.00	0	3	9	0.44769	0.00005	19.99980	1.34307
883	5615	20	0.22655	3	10	3.00	0	3	1515	0.68081	0.00859	19.96571	343.22325
884	5610	20	0.08804	3	10	3.00	0	3	603	0.26431	0.00342	19.98634	53.08812
885	5561	20	0.09611	3	10	3.00	0	3	3074	0.28934	0.01743	19.93054	295.44214
885	5619	20	0.16635	3	10	3.00	0	3	184	0.49915	0.00104	19.99582	30.6084
886	5625	20	0.05279	3	10	3.00	0	3	1430	0.15864	0.00811	19.96762	75.4897
887	5602	20	0.14331	3	10	3.00	0	3	574	0.43021	0.00325	19.98700	82.25994
888	3108	20	0.25834	3	10	3.00	0	0	1503	0.77634	0.00852	19.96597	388.28502
889	5623	20	0.05952	3	10	3.00	0	3	417	0.17865	0.00236	19.99055	24.81984
890	5605	20	0.14493	3	10	3.00	0	3	64	0.43482	0.00036	19.99854	9.27552

890	5609	20	0.14109	3	10	3.00	0	3	386	0.42346	0.00219	19.99126	54.46074
891	5605	20	0.11545	3	10	3.00	0	3	450	0.34651	0.00255	19.98979	51.9525
891	5613	20	0.25134	3	10	3.00	0	3	600	0.75454	0.00340	19.98641	150.804
892	5613	20	0.08241	3	10	3.00	0	3	437	0.24735	0.00248	19.99010	36.01317
893	5611	20	0.16524	3	10	3.00	0	3	538	0.49601	0.00305	19.98780	88.89912
894	3352	20	0.13004	3	10	3.00	0	3	346	0.39026	0.00196	19.99215	44.99384
900	3447	20	0.09160	3	10	3.00	0	3	1062	0.27513	0.00602	19.97595	97.2792
900	3449	20	0.23521	3	10	3.00	0	3	2	0.70563	0.00001	19.99995	0.47042
901	3449	20	0.13853	3	10	3.00	0	3	246	0.41570	0.00139	19.99443	34.07838
901	3450	20	0.14754	3	10	3.00	0	3	394	0.44283	0.00223	19.99107	58.13076
901	3451	20	0.16592	3	10	3.00	0	3	105	0.49782	0.00059	19.99762	17.4216
902	3451	20	0.22403	3	10	3.00	0	3	1	0.67210	0.00000	19.99998	0.22403
902	3470	20	0.08858	3	10	3.00	0	3	642	0.26592	0.00364	19.98545	56.86836
903	3445	20	0.07309	3	10	3.00	0	3	812	0.21947	0.00460	19.98161	59.34908
903	3449	20	0.09036	3	10	3.00	0	3	2	0.27107	0.00001	19.99995	0.18072
903	3450	20	0.13035	3	10	3.00	0	3	0	0.39104	0.00000	19.99999	0
904	3450	20	0.16178	3	10	3.00	0	3	9	0.48536	0.00005	19.99979	1.45602
904	3451	20	0.11557	3	10	3.00	0	3	1	0.34672	0.00000	19.99998	0.11557
904	3460	20	0.09608	3	10	3.00	0	3	412	0.28837	0.00234	19.99066	39.58496
905	3444	20	0.10449	3	10	3.00	0	3	2131	0.31423	0.01208	19.95181	222.66819
906	3447	20	0.08040	3	10	3.00	0	3	3137	0.24206	0.01778	19.92912	252.2148
907	3445	20	0.07719	3	10	3.00	0	3	4546	0.23277	0.02577	19.89743	350.90574
908	3727	25	0.13674	2	10	1.00	0	3	2015	0.33042	0.03427	24.82984	275.5311
909	3727	25	0.12580	2	10	1.00	0	3	486	0.30241	0.00827	24.95870	61.1388
910	3734	25	0.07702	2	10	1.00	0	3	11	0.18485	0.00019	24.99906	0.84722
910	3758	25	0.05580	2	10	1.00	0	3	77	0.13396	0.00130	24.99349	4.2966
911	3733	25	0.11304	2	10	1.00	0	3	101	0.27139	0.00172	24.99142	11.41704
911	3737	25	0.15259	2	10	1.00	0	3	720	0.36711	0.01224	24.93894	109.8648
912	3732	25	0.07955	2	10	1.00	0	3	1685	0.19202	0.02865	24.85755	134.04175
912	3737	25	0.11716	2	10	1.00	0	3	1562	0.28268	0.02657	24.86784	183.00392
913	3717	25	0.08917	2	10	1.00	0	3	904	0.21466	0.01538	24.92333	80.60968
913	3730	25	0.09717	2	10	1.00	0	3	236	0.23339	0.00402	24.97994	22.93212
914	3730	25	0.14047	2	10	1.00	0	3	1706	0.33908	0.02902	24.85573	239.64182
915	3751	25	0.09622	2	10	1.00	0	3	687	0.23147	0.01168	24.94171	66.10314
915	3753	25	0.12528	2	10	1.00	0	3	24	0.30069	0.00041	24.99796	3.00672
915	8611	25	0.09425	2	10	1.00	0	3	1267	0.22716	0.02155	24.89270	119.41475
916	3755	25	0.11912	2	10	1.00	0	3	353	0.28624	0.00601	24.97001	42.04936
916	8613	25	0.12405	2	10	1.00	0	3	112	0.29784	0.00191	24.99045	13.8936
917	8613	25	0.08565	2	10	1.00	0	3	782	0.20610	0.01329	24.93371	66.9783
918	3756	25	0.14810	2	10	1.00	0	3	140	0.35561	0.00237	24.98814	20.734
918	8607	25	0.12876	2	10	1.00	0	3	752	0.30982	0.01279	24.93620	96.82752
919	3759	25	0.08274	2	10	1.00	0	3	738	0.19908	0.01256	24.93736	61.06212
920	3761	25	0.10199	2	10	1.00	0	3	1534	0.24604	0.02609	24.87023	156.45266
921	3763	25	0.10373	2	10	1.00	0	3	350	0.24925	0.00595	24.97029	36.3055
921	8608	25	0.23597	2	10	1.00	0	3	274	0.56686	0.00466	24.97671	64.65578
922	8608	25	0.13554	2	10	1.00	0	3	641	0.32601	0.01091	24.94559	86.88114
923	3739	20	0.06950	2	10	1.00	0	3	317	0.20873	0.00539	19.97845	22.0315
924	3736	20	0.14760	2	10	1.00	0	3	454	0.44348	0.00772	19.96919	67.0104
924	3739	20	0.24738	2	10	1.00	0	3	230	0.74273	0.00392	19.98433	56.8974
925	3743	20	0.29123	2	10	1.00	0	3	721	0.87583	0.01227	19.95105	209.97683
926	8669	25	0.07228	2	10	1.00	7	3	3040	0.17527	0.05170	24.74414	219.7312
927	7359	25	0.04222	2	10	1.00	0	3	405	0.10146	0.00688	24.96563	17.0991
928	8679	25	0.11750	2	10	1.00	0	3	1214	0.28317	0.02064	24.89721	142.645
929	8625	25	0.08951	2	10	1.00	0	3	615	0.21528	0.01046	24.94782	55.04865
929	8661	25	0.09928	2	10	1.00	0	3	1	0.23827	0.00001	24.99993	0.09928
930	3765	25	0.16884	2	10	1.00	0	3	1120	0.40676	0.01905	24.90512	189.1008
930	3767	25	0.09726	2	10	1.00	0	3	849	0.23411	0.01444	24.92799	82.57374
931	3769	20	0.14551	2	10	1.00	0	3	1005	0.43803	0.01709	19.93189	146.23755

932	3771	20	0.12038	2	10	1.00	0	3	488	0.36174	0.00830	19.96684	58.74544
932	8648	20	0.10354	2	10	1.00	0	3	62	0.31070	0.00105	19.99579	6.41948
933	8981	25	0.05363	2	10	1.00	0	3	0	0.12872	0.00000	25.00000	0
934	8989	25	0.06036	2	10	1.00	0	3	163	0.14494	0.00278	24.98611	9.83868
935	3769	25	0.09076	2	10	1.00	0	3	1324	0.21880	0.02251	24.88796	120.16624
936	8621	20	0.11419	2	10	1.00	0	0	747	0.34343	0.01270	19.94932	85.29993
937	9104	20	0.13919	2	10	1.00	0	3	1155	0.41921	0.01965	19.92172	160.76445
938	3736	20	0.27206	2	10	1.00	0	3	1060	0.81911	0.01802	19.92818	288.3836
938	9104	20	0.17427	2	10	1.00	0	3	535	0.52375	0.00910	19.96368	93.23445
939	9101	20	0.08703	2	10	1.00	0	3	187	0.26126	0.00318	19.98731	16.27461
939	9103	20	0.12589	2	10	1.00	0	3	114	0.37782	0.00193	19.99228	14.35146
940	3707	20	0.08705	2	10	1.00	0	3	183	0.26131	0.00312	19.98754	15.93015
940	9102	20	0.06686	2	10	1.00	0	3	144	0.20067	0.00244	19.99024	9.62784
1100	15058	20	0.10189	2	10	1.00	0	0	1424	0.30716	0.02422	19.90360	145.09136
1100	23338	20	0.12735	2	10	1.00	0	0	1405	0.38387	0.02389	19.90490	178.92675
1101	25087	20	0.13718	2	10	1.00	7	0	1443	0.41356	0.02454	19.90232	197.95074
1102	3716	20	0.23538	2	10	1.00	7	3	878	0.70825	0.01493	19.94045	206.66364
1102	9584	20	0.29424	2	10	1.00	7	3	1230	0.88641	0.02092	19.91666	361.9152
1103	9364	20	0.14929	2	10	1.00	7	3	281	0.44830	0.00478	19.98090	41.95049
1103	25067	20	0.13418	2	10	1.00	7	3	1385	0.40442	0.02355	19.90623	185.8393
1103	25079	20	0.23913	2	10	1.00	7	3	7	0.71740	0.00013	19.99949	1.67391
1104	25063	20	0.10372	2	10	1.00	7	3	105	0.31126	0.00178	19.99288	10.8906
1104	25074	20	0.08253	2	10	1.00	7	3	202	0.24775	0.00344	19.98624	16.67106
1104	25081	20	0.11049	2	10	1.00	7	3	5	0.33146	0.00008	19.99968	0.55245
1105	25067	20	0.14744	2	10	1.00	7	3	6	0.44234	0.00010	19.99962	0.88464
1105	25069	20	0.16449	2	10	1.00	7	3	48	0.49356	0.00081	19.99676	7.89552
1105	25078	20	0.09665	2	10	1.00	7	3	844	0.29079	0.01435	19.94278	81.5726
1106	3708	20	0.18200	2	10	1.00	0	3	1838	0.54941	0.03127	19.87571	334.516
1106	25049	20	0.12337	2	10	1.00	0	3	1637	0.37218	0.02784	19.88924	201.95669
1107	8663	20	0.24058	2	10	1.00	7	3	2558	0.72802	0.04350	19.82749	615.40364
1107	9585	20	0.26635	2	10	1.00	7	3	2907	0.80696	0.04944	19.80417	774.27945
1109	9595	20	0.41260	2	10	1.00	0	0	54	1.23801	0.00092	19.99631	22.2804
1109	25129	20	0.19365	2	10	1.00	0	0	1498	0.58390	0.02548	19.89858	290.0877
1109	25189	20	0.21562	2	10	1.00	0	0	969	0.64898	0.01648	19.93429	208.93578
1110	9365	25	0.14531	2	10	1.00	7	3	1235	0.35020	0.02100	24.89542	179.45785
1110	30008	25	0.20559	2	10	1.00	7	3	598	0.49442	0.01016	24.94928	122.94282
1111	9578	25	0.11709	2	10	1.00	7	3	1035	0.28201	0.01760	24.91233	121.18815
1112	9357	25	0.18402	2	10	1.00	7	3	292	0.44209	0.00496	24.97522	53.73384
1112	9389	25	0.22707	2	10	1.00	7	3	953	0.54674	0.01621	24.91921	216.39771
1113	9386	20	0.18560	2	10	1.00	0	0	2603	0.56172	0.04426	19.82449	483.1168
1114	9355	20	0.16984	2	10	1.00	0	0	4000	0.51644	0.06803	19.73154	679.36
1115	9578	25	0.19451	2	10	1.00	7	3	687	0.46793	0.01169	24.94171	133.62837
1115	30003	25	0.18983	2	10	1.00	7	3	214	0.45593	0.00365	24.98178	40.62362
1116	9356	20	0.20014	2	10	1.00	0	0	859	0.60217	0.01461	19.94171	171.92026
1117	9354	20	0.17931	2	10	1.00	0	0	1266	0.54025	0.02153	19.91425	227.00646
1118	9352	20	0.21011	2	10	1.00	0	0	1542	0.63364	0.02622	19.89567	323.98962
1118	23261	20	0.19036	2	10	1.00	0	0	715	0.57246	0.01216	19.95149	136.1074
1119	5032	25	0.33159	2	10	1.00	7	3	194	0.79635	0.00331	24.98348	64.32846
1119	9352	20	0.17364	2	10	1.00	0	0	364	0.52157	0.00619	19.97528	63.20496
1119	9593	20	0.22692	2	10	1.00	0	0	335	0.68153	0.00570	19.97723	76.0182
1120	9370	25	0.19777	2	10	1.00	7	3	1147	0.47651	0.01951	24.90281	226.84219
1121	9367	25	0.10061	2	10	1.00	7	3	773	0.24210	0.01315	24.93445	77.77153
1122	9371	25	0.12071	2	10	1.00	7	3	784	0.29049	0.01333	24.93354	94.63664
1122	9596	25	0.09566	2	10	1.00	7	3	527	0.23000	0.00895	24.95531	50.41282
1123	9342	25	0.06134	2	10	1.00	7	3	917	0.14768	0.01559	24.92229	56.24878
1124	9381	25	0.12902	2	10	1.00	7	3	913	0.31060	0.01552	24.92263	117.79526
1124	24911	25	0.11334	2	10	1.00	7	3	178	0.27218	0.00303	24.98488	20.17452
1125	9591	25	0.09899	2	10	1.00	7	3	1582	0.23886	0.02691	24.86617	156.60218

1126	9341	25	0.13878	2	10	1.00	7	3	436	0.33356	0.00741	24.96298	60.50808
1126	9574	25	0.11970	2	10	1.00	7	3	35	0.28731	0.00060	24.99701	4.1895
1126	9588	25	0.12605	2	10	1.00	7	3	135	0.30266	0.00230	24.98849	17.01675
1127	24903	25	0.07909	2	10	1.00	7	3	558	0.19018	0.00949	24.95265	44.13222
1128	9589	25	0.07764	2	10	1.00	7	3	201	0.18646	0.00342	24.98290	15.60564
1128	24900	25	0.08455	2	10	1.00	7	3	431	0.20321	0.00733	24.96339	36.44105
1129	9380	25	0.14667	2	10	1.00	7	3	86	0.35212	0.00146	24.99269	12.61362
1129	9611	25	0.08999	2	10	1.00	7	3	656	0.21646	0.01115	24.94438	59.03344
1130	9573	25	0.14082	2	10	1.00	7	3	3872	0.34242	0.06586	24.67499	545.25504
1130	9587	25	0.12221	2	10	1.00	7	3	1136	0.29443	0.01932	24.90377	138.83056
1130	9589	25	0.12471	2	10	1.00	7	3	30	0.29933	0.00051	24.99743	3.7413
1131	3616	20	0.17211	3	10	3.00	0	3	8215	0.52114	0.04657	19.81544	1413.88365
1132	5515	20	0.18811	3	10	3.00	0	3	2500	0.56592	0.01417	19.94346	470.275
1188	8796	25	0.04916	2	10	1.00	1	3	678	0.11825	0.01153	24.94250	33.33048
1189	3725	25	0.30147	2	10	1.00	0	3	1593	0.72745	0.02709	24.86530	480.24171
1198	13410	20	0.05520	2	10	1.00	0	0	349	0.16580	0.00594	19.97626	19.2648
1201	24791	20	0.25216	2	10	1.00	0	0	0	0.75648	0.00000	20.00000	0
1202	14153	20	0.16068	2	10	1.00	0	0	135	0.48226	0.00230	19.99079	21.6918
1202	23262	20	0.10976	2	10	1.00	0	0	500	0.32984	0.00850	19.96606	54.88
1202	23275	20	0.16227	2	10	1.00	0	0	574	0.48776	0.00977	19.96100	93.14298
1203	23264	20	0.15815	2	10	1.00	0	0	518	0.47527	0.00880	19.96485	81.9217
1203	23275	20	0.10071	2	10	1.00	0	0	1298	0.30346	0.02208	19.91207	130.72158
1203	23277	20	0.14685	2	10	1.00	0	0	1578	0.44291	0.02684	19.89319	231.7293
1204	14157	20	0.16068	2	10	1.00	0	0	542	0.48292	0.00922	19.96320	87.08856
1204	23262	20	0.15754	2	10	1.00	0	0	662	0.47368	0.01125	19.95509	104.29148
1204	23278	20	0.17031	2	10	1.00	0	0	153	0.51119	0.00260	19.98960	26.05743
1205	23264	20	0.15789	2	10	1.00	0	0	695	0.47478	0.01182	19.95284	109.73355
1205	23278	20	0.08754	2	10	1.00	0	0	886	0.26341	0.01507	19.93989	77.56044
1205	23280	20	0.16148	2	10	1.00	0	0	0	0.48444	0.00000	20.00000	0
1206	23282	20	0.16627	2	10	1.00	0	0	405	0.49951	0.00689	19.97247	67.33935
1206	25052	20	0.13488	2	10	1.00	0	0	524	0.40536	0.00891	19.96441	70.67712
1207	23282	20	0.13159	2	10	1.00	0	0	370	0.39526	0.00630	19.97484	48.6883
1207	23283	20	0.13306	2	10	1.00	0	0	777	0.40024	0.01322	19.94725	103.38762
1207	23284	20	0.18811	2	10	1.00	0	0	458	0.56520	0.00780	19.96887	86.15438
1208	12276	20	0.09997	2	10	1.00	0	0	151	0.30007	0.00256	19.98976	15.09547
1208	23283	20	0.09788	2	10	1.00	0	0	400	0.29403	0.00680	19.97283	39.152
1208	23319	20	0.12330	2	10	1.00	0	0	1	0.36990	0.00002	19.99992	0.1233
1209	23280	20	0.13119	2	10	1.00	0	0	908	0.39479	0.01544	19.93845	119.12052
1210	23260	20	0.12280	2	10	1.00	0	0	107	0.36854	0.00183	19.99269	13.1396
1210	23284	20	0.11797	2	10	1.00	0	0	92	0.35402	0.00157	19.99373	10.85324
1211	12276	20	0.16066	2	10	1.00	0	0	78	0.48209	0.00132	19.99472	12.53148
1211	25053	20	0.11997	2	10	1.00	0	0	447	0.36045	0.00760	19.96966	53.62659
1224	9800	25	0.07534	2	10	1.00	4	3	1533	0.18176	0.02607	24.87031	115.49622
1225	9801	25	0.05713	2	10	1.00	4	3	62	0.13713	0.00105	24.99474	3.54206
1225	9802	25	0.05991	2	10	1.00	4	3	1205	0.14438	0.02049	24.89796	72.19155
1226	9803	25	0.07131	2	10	1.00	4	3	4634	0.17384	0.07881	24.61206	330.45054
1227	9614	25	0.07340	2	10	1.00	0	3	645	0.17656	0.01096	24.94530	47.343
1228	9614	25	0.12102	2	10	1.00	0	3	464	0.29091	0.00790	24.96057	56.15328
1228	9615	25	0.18572	2	10	1.00	0	3	1327	0.44774	0.02258	24.88763	246.45044
1229	9095	25	0.08470	2	10	1.00	0	3	632	0.20371	0.01075	24.94636	53.5304
1229	9619	25	0.13098	2	10	1.00	0	3	473	0.31486	0.00804	24.95988	61.95354
1230	5650	25	0.17834	2	10	1.00	4	3	4042	0.43390	0.06874	24.66096	720.85028
1231	13976	25	0.08749	2	10	1.00	3	3	3964	0.21280	0.06741	24.66744	346.81036
1231	25041	25	0.13891	2	10	1.00	3	3	1240	0.33479	0.02109	24.89501	172.2484
1232	25041	25	0.11603	2	10	1.00	3	3	1493	0.27989	0.02539	24.87370	173.23279
1233	25043	25	0.12830	2	10	1.00	3	3	1216	0.30920	0.02069	24.89699	156.0128
1233	25044	25	0.12322	2	10	1.00	3	3	672	0.29639	0.01143	24.94299	82.80384
1294	5644	25	0.12133	2	10	1.00	1	3	189	0.29138	0.00322	24.98392	22.93137

1294	5952	25	0.07945	2	10	1.00	1	3	937	0.19128	0.01594	24.92056	74.44465
1295	8912	25	0.08418	2	10	1.00	1	3	309	0.20226	0.00525	24.97378	26.01162
1295	8937	25	0.05489	2	10	1.00	1	3	359	0.13189	0.00611	24.96948	19.70551
1296	8765	25	0.05999	2	10	1.00	4	3	525	0.14424	0.00893	24.95543	31.49475
1297	8754	25	0.09075	2	10	1.00	4	3	585	0.21823	0.00995	24.95037	53.08875
1297	8884	25	0.11460	2	10	1.00	4	3	485	0.27550	0.00825	24.95883	55.581
1298	5679	25	0.07411	2	10	1.00	1	3	356	0.17807	0.00606	24.96973	26.38316
1299	23265	20	0.11263	2	10	1.00	0	0	152	0.33806	0.00258	19.98968	17.11976
1299	24062	20	0.09349	2	10	1.00	0	0	156	0.28063	0.00265	19.98941	14.58444
1312	9610	20	0.13291	2	10	1.00	0	0	282	0.39911	0.00480	19.98083	37.48062
1312	23265	20	0.11413	2	10	1.00	0	0	371	0.34283	0.00631	19.97479	42.34223
1313	12272	20	0.14073	2	10	1.00	0	0	378	0.42272	0.00642	19.97435	53.19594
1313	12274	20	0.09543	2	10	1.00	0	0	471	0.28676	0.00801	19.96800	44.94753
1313	24035	20	0.14076	2	10	1.00	0	0	429	0.42291	0.00730	19.97086	60.38604
1314	12270	20	0.17895	2	10	1.00	0	0	1010	0.53870	0.01718	19.93151	180.7395
1314	12272	20	0.13795	2	10	1.00	0	0	2647	0.41757	0.04502	19.82154	365.15365
1314	14123	20	0.11617	2	10	1.00	0	0	5407	0.35491	0.09195	19.63883	628.13119
1315	12292	20	0.13559	2	10	1.00	0	0	177	0.40701	0.00301	19.98798	23.99943
1315	12293	20	0.13065	2	10	1.00	0	0	182	0.39219	0.00309	19.98764	23.7783
1315	24065	20	0.13322	2	10	1.00	0	0	506	0.40036	0.00860	19.96566	67.40932
1316	12294	20	0.13380	2	10	1.00	0	0	618	0.40225	0.01050	19.95807	82.6884
1316	24065	20	0.20010	2	10	1.00	0	0	422	0.60115	0.00718	19.97131	84.4422
1317	9347	20	0.18601	2	10	1.00	0	0	828	0.55959	0.01407	19.94386	154.01628
1317	12293	20	0.16981	2	10	1.00	0	0	369	0.51006	0.00627	19.97496	62.65989
1317	12294	20	0.13025	2	10	1.00	0	0	807	0.39182	0.01373	19.94522	105.11175
1317	17260	20	0.13941	2	10	1.00	0	0	1059	0.41973	0.01802	19.92819	147.63519
1318	9347	20	0.16621	2	10	1.00	0	0	374	0.49927	0.00635	19.97462	62.16254
1318	24671	20	0.14142	2	10	1.00	0	0	739	0.42533	0.01256	19.94988	104.50938
1319	16567	20	0.11499	2	10	1.00	0	0	5037	0.35088	0.08567	19.66310	579.20463
1319	16568	20	0.19913	2	10	1.00	0	0	1730	0.60089	0.02941	19.88303	344.4949
1331	12160	20	0.12354	2	10	1.00	0	0	1128	0.37204	0.01918	19.92356	139.35312
1331	23288	20	0.12232	2	10	1.00	0	0	3854	0.37176	0.06554	19.74121	471.42128
1331	23339	20	0.11320	2	10	1.00	0	0	1510	0.34135	0.02567	19.89783	170.932
1332	12160	20	0.11151	2	10	1.00	0	0	215	0.33477	0.00365	19.98541	23.97465
1332	23288	20	0.10464	2	10	1.00	0	0	524	0.31447	0.00892	19.96439	54.83136
1333	9610	20	0.14302	2	10	1.00	0	0	479	0.42977	0.00815	19.96746	68.50658
1333	12300	20	0.18300	2	10	1.00	0	0	185	0.54935	0.00314	19.98745	33.855
1334	23333	20	0.05381	2	10	1.00	0	0	369	0.16164	0.00627	19.97495	19.85589
1340	23338	20	0.12322	2	10	1.00	0	0	777	0.37063	0.01321	19.94730	95.74194
1341	12266	20	0.14221	2	10	1.00	0	0	2434	0.43018	0.04139	19.83579	346.13914
1341	14153	20	0.13352	2	10	1.00	0	0	45	0.40063	0.00077	19.99692	6.0084
1341	23273	20	0.16734	2	10	1.00	0	0	1458	0.50451	0.02480	19.90130	243.98172
1342	23279	20	0.14911	2	10	1.00	0	0	1036	0.44890	0.01762	19.92978	154.47796
1343	14157	20	0.17215	2	10	1.00	0	0	995	0.51820	0.01693	19.93253	171.28925
1344	14157	20	0.18786	2	10	1.00	0	0	4	0.56357	0.00006	19.99976	0.75144
1344	23317	20	0.08394	2	10	1.00	0	0	393	0.25215	0.00669	19.97328	32.98842
1344	23325	20	0.08754	2	10	1.00	0	0	345	0.26293	0.00587	19.97655	30.2013
1345	23317	20	0.12663	2	10	1.00	0	0	0	0.37988	0.00000	20.00000	0
1346	12165	20	0.12453	2	10	1.00	0	0	332	0.37402	0.00565	19.97742	41.34396
1346	23324	20	0.11843	2	10	1.00	0	0	303	0.35567	0.00515	19.97942	35.88429
1347	12165	20	0.13217	2	10	1.00	0	0	534	0.39723	0.00909	19.96371	70.57878
1347	12270	20	0.14959	2	10	1.00	0	0	809	0.45000	0.01376	19.94510	121.01831
1347	12274	20	0.16704	2	10	1.00	0	0	4	0.50113	0.00008	19.99970	0.66816
1348	23319	20	0.13712	2	10	1.00	0	0	1	0.41137	0.00002	19.99992	0.13712
1348	25052	20	0.10479	2	10	1.00	0	0	682	0.31510	0.01159	19.95375	71.46678
1349	12295	20	0.13093	2	10	1.00	0	0	1463	0.39474	0.02488	19.90098	191.55059
1349	12296	20	0.16063	2	10	1.00	0	0	1911	0.48503	0.03250	19.87082	306.96393
1350	12298	20	0.07997	2	10	1.00	0	0	403	0.24025	0.00686	19.97261	32.22791

1350	12299	20	0.14589	2	10	1.00	0	0	79	0.43778	0.00135	19.99460	11.52531
1351	12300	20	0.17139	2	10	1.00	0	0	221	0.51455	0.00376	19.98499	37.87719
1351	24671	20	0.09202	2	10	1.00	0	0	357	0.27639	0.00607	19.97577	32.85114
1355	9340	20	0.15889	2	10	1.00	0	0	963	0.47823	0.01638	19.93468	153.01107
1355	24037	20	0.08326	2	10	1.00	0	0	650	0.25033	0.01105	19.95588	54.119
1356	14125	20	0.15910	2	10	1.00	0	0	475	0.47808	0.00808	19.96772	75.5725
1356	23324	20	0.13327	2	10	1.00	0	0	22	0.39985	0.00038	19.99849	2.93194
1356	24035	20	0.12644	2	10	1.00	0	0	279	0.37969	0.00474	19.98107	35.27676
1357	12291	20	0.14336	2	10	1.00	0	0	18	0.43011	0.00031	19.99875	2.58048
1357	12292	20	0.14028	2	10	1.00	0	0	48	0.42091	0.00081	19.99674	6.73344
1357	14125	20	0.11015	2	10	1.00	0	0	528	0.33105	0.00898	19.96416	58.1592
1357	23332	20	0.14310	2	10	1.00	0	0	234	0.42964	0.00398	19.98408	33.4854
1358	9344	20	0.17979	2	10	1.00	0	0	55	0.53948	0.00094	19.99625	9.88845
1358	9345	20	0.16514	2	10	1.00	0	0	268	0.49586	0.00456	19.98179	44.25752
1358	12291	20	0.16757	2	10	1.00	0	0	111	0.50289	0.00189	19.99243	18.60027
1358	17260	20	0.12327	2	10	1.00	0	0	2160	0.37253	0.03673	19.85415	266.2632
1359	9344	20	0.09928	2	10	1.00	0	0	1310	0.29918	0.02228	19.91127	130.0568
1359	12297	20	0.11927	2	10	1.00	0	0	496	0.35842	0.00844	19.96630	59.15792
1359	24062	20	0.16082	2	10	1.00	0	0	827	0.48382	0.01406	19.94391	132.99814
1415	22798	0	0.19380	2	10	0.00	0	0	0	0.00000	0.00000	0.00000	0
1415	23096	0	0.19726	2	10	0.00	0	0	0	0.00000	0.00000	0.00000	0
1418	23099	0	0.09099	2	10	0.00	0	0	0	0.00000	0.00000	0.00000	0
1419	9519	0	0.12036	2	10	0.00	0	0	0	0.00000	0.00000	0.00000	0
1419	22799	0	0.10499	2	10	0.00	0	0	0	0.00000	0.00000	0.00000	0
1502	9387	20	0.13681	2	10	1.00	0	0	0	0.41042	0.00000	20.00000	0
1503	24791	20	0.17141	2	10	1.00	0	0	426	0.51496	0.00725	19.97105	73.02066
1504	24791	20	0.13613	2	10	1.00	0	0	520	0.40910	0.00884	19.96472	70.7876
1505	24777	20	0.14990	2	10	1.00	0	0	506	0.45049	0.00861	19.96563	75.8494
1505	24779	20	0.14282	2	10	1.00	0	0	68	0.42857	0.00115	19.99538	9.71176
1506	24779	20	0.09131	2	10	1.00	0	0	221	0.27414	0.00376	19.98498	20.17951
1507	30007	20	0.04573	2	10	1.00	0	0	270	0.13731	0.00459	19.98165	12.3471
1508	24777	20	0.09754	2	10	1.00	0	0	156	0.29276	0.00265	19.98939	15.21624
1508	24779	20	0.08535	2	10	1.00	0	0	22	0.25606	0.00038	19.99849	1.8777
1509	24777	20	0.08185	2	10	1.00	0	0	158	0.24569	0.00269	19.98923	12.9323
1510	24777	20	0.07222	2	10	1.00	0	0	214	0.21681	0.00363	19.98547	15.45508
1510	30007	20	0.12566	2	10	1.00	0	0	48	0.37705	0.00081	19.99677	6.03168
1511	24795	20	0.09320	2	10	1.00	0	0	231	0.27983	0.00392	19.98433	21.5292
1512	24767	20	0.12084	2	10	1.00	0	0	308	0.36290	0.00524	19.97905	37.21872
1512	24795	20	0.06001	2	10	1.00	0	0	96	0.18008	0.00162	19.99350	5.76096
1513	9384	20	0.05767	2	10	1.00	0	0	2	0.17300	0.00003	19.99986	0.11534
1514	24789	20	0.11457	2	10	1.00	0	0	163	0.34390	0.00277	19.98892	18.67491
1514	30005	20	0.14954	2	10	1.00	0	0	587	0.44951	0.00999	19.96014	87.77998
1515	25127	20	0.08742	2	10	1.00	0	0	3423	0.26531	0.05822	19.76980	299.23866
1516	25059	20	0.05149	2	10	1.00	0	0	1052	0.15503	0.01789	19.92869	54.16748
1517	3712	20	0.04573	2	10	1.00	0	0	1554	0.13790	0.02643	19.89484	71.06442
1518	24793	20	0.11624	2	10	1.00	0	0	213	0.34898	0.00362	19.98555	24.75912
1519	25130	20	0.05500	2	10	1.00	0	0	442	0.16523	0.00752	19.96996	24.31
1520	24794	20	0.09959	2	10	1.00	0	0	0	0.29877	0.00000	20.00000	0
1521	24794	20	0.08734	2	10	1.00	0	0	328	0.26230	0.00559	19.97768	28.64752
1522	24794	20	0.10915	2	10	1.00	0	0	0	0.32744	0.00000	20.00000	0
1542	5518	25	0.13532	2	10	1.00	4	3	618	0.32545	0.01051	24.94754	83.62776
1542	24840	25	0.18733	2	10	1.00	4	3	326	0.45010	0.00555	24.97227	61.06958
1573	9371	25	0.23413	2	10	1.00	7	3	113	0.56214	0.00192	24.99039	26.45669
1573	24908	25	0.09175	2	10	1.00	7	3	1014	0.22095	0.01724	24.91410	93.0345
1574	24904	25	0.20208	2	10	1.00	7	3	860	0.48641	0.01463	24.92706	173.7888
1575	9357	20	0.17667	2	10	1.00	7	3	1443	0.53261	0.02455	19.90229	254.93481
1575	9585	20	0.25819	2	10	1.00	7	3	362	0.77551	0.00616	19.97541	93.46478
1576	9364	20	0.14289	2	10	1.00	7	3	1095	0.43026	0.01862	19.92578	156.46455

1577	9580	20	0.28728	2	10	1.00	0	3	483	0.86327	0.00822	19.96718	138.75624
1578	9334	20	0.10244	2	10	1.00	0	0	1457	0.30885	0.02478	19.90139	149.25508
1581	25084	20	0.12259	2	10	1.00	7	3	385	0.36825	0.00654	19.97387	47.19715
1581	25086	20	0.12491	2	10	1.00	7	3	335	0.37514	0.00570	19.97723	41.84485
1582	9361	20	0.04508	2	10	1.00	7	3	1618	0.13598	0.02752	19.89052	72.93944
1583	25084	20	0.09121	2	10	1.00	7	3	1394	0.27491	0.02371	19.90560	127.14674
1584	25074	20	0.09717	2	10	1.00	7	3	1519	0.29303	0.02584	19.89719	147.60123
1584	25082	20	0.10589	2	10	1.00	7	3	0	0.31768	0.00000	20.00000	0
1585	25071	20	0.10792	2	10	1.00	7	3	392	0.32418	0.00666	19.97338	42.30464
1585	25082	20	0.10418	2	10	1.00	7	3	157	0.31271	0.00266	19.98935	16.35626
1586	25065	20	0.09217	2	10	1.00	7	3	6	0.27653	0.00010	19.99960	0.55302
1586	25069	20	0.11254	2	10	1.00	7	3	2	0.33761	0.00004	19.99986	0.22508
1586	25076	20	0.08200	2	10	1.00	7	3	475	0.24639	0.00808	19.96773	38.95
1586	25081	20	0.09493	2	10	1.00	7	3	51	0.28485	0.00086	19.99656	4.84143
1587	25071	20	0.13096	2	10	1.00	7	3	127	0.39305	0.00215	19.99139	16.63192
1587	25078	20	0.13772	2	10	1.00	7	3	533	0.41391	0.00907	19.96378	73.40476
1588	25063	20	0.08645	2	10	1.00	7	3	726	0.26000	0.01234	19.95076	62.7627
1588	25080	20	0.08978	2	10	1.00	7	3	119	0.26946	0.00203	19.99189	10.68382
1589	25065	20	0.14091	2	10	1.00	7	3	0	0.42274	0.00000	20.00000	0
1589	25079	20	0.08312	2	10	1.00	7	3	548	0.24982	0.00932	19.96280	45.54976
1589	25080	20	0.08779	2	10	1.00	7	3	252	0.26358	0.00428	19.98289	22.12308
2489	9334	45	0.21637	9	3	3.00	100	0	16561	0.31295	0.55225	41.48298	3583.30357
2489	14123	45	0.24912	9	3	2.00	100	0	19163	0.46696	0.95852	32.00914	4773.88656
2489	15058	45	0.23798	9	3	2.00	100	0	17776	0.41090	0.88914	34.74912	4230.33248
2500	2501	45	0.15822	10	2	3.00	1	3	30953	0.27011	0.87736	35.14547	4897.38366
2500	5885	45	0.23765	10	2	3.00	1	3	31556	0.41253	0.89446	34.56448	7499.2834
2501	2500	45	0.15822	10	2	3.00	1	3	31556	0.27465	0.89446	34.56448	4992.79032
2501	2502	45	0.16153	10	2	3.00	1	3	30953	0.27576	0.87736	35.14547	4999.83809
2502	2501	45	0.16153	10	2	3.00	1	3	31556	0.28039	0.89446	34.56448	5097.24068
2502	5882	45	0.19759	10	2	3.00	1	3	30953	0.33733	0.87736	35.14547	6116.00327
2507	9346	35	0.23918	10	4	1.00	7	0	3026	0.42458	0.32169	33.80054	723.75868
2507	12295	45	0.30740	9	3	2.00	100	0	17309	0.51930	0.86579	35.51721	5320.7866
2507	16567	45	0.28623	9	3	2.00	100	0	17679	0.49190	0.88432	34.91345	5060.26017
2507	22539	35	0.06359	23	5	1.00	901	0	2693	0.11298	0.32709	33.77299	171.24787
2508	16567	45	0.18789	9	3	2.00	100	0	16480	0.30699	0.82431	36.72210	3096.4272
2508	16568	35	0.22640	10	4	1.00	7	0	2067	0.39642	0.21969	34.26734	467.9688
2508	23339	45	0.14302	9	3	2.00	100	0	16991	0.23836	0.84988	36.00195	2430.05282
2978	3616	45	0.28035	9	4	1.00	100	0	8325	0.48206	0.88491	34.89359	2333.91375
3033	3596	45	0.22381	11	3	3.00	20	0	22717	0.35051	0.75753	38.31214	5084.29177
3108	888	20	0.25834	3	10	3.00	0	0	1503	0.77634	0.00852	19.96597	388.28502
3108	3305	50	0.29376	9	3	2.00	100	0	9470	0.37517	0.47369	46.97961	2781.9072
3138	8942	40	0.40106	11	3	2.00	20	0	12636	0.66879	0.63205	35.98072	5067.79416
3303	3304	50	0.90616	11	3	3.00	20	0	9649	1.12599	0.32177	48.28589	8743.53784
3304	3303	50	0.90616	11	3	3.00	20	0	8508	1.11985	0.28371	48.55080	7709.60928
3304	3342	50	0.45089	9	3	3.00	100	3	11314	0.56527	0.37727	47.85950	5101.36946
3304	3653	35	0.08278	11	5	1.00	20	0	2051	0.14547	0.24913	34.14209	169.78178
3305	3108	50	0.29376	9	3	2.00	100	0	10401	0.37924	0.52025	46.47554	3055.39776
3305	3342	50	0.46149	9	3	2.00	100	3	9470	0.58939	0.47369	46.97961	4370.3103
3342	3304	50	0.45089	9	3	3.00	100	3	10262	0.56204	0.34220	48.13482	4627.03318
3342	3305	50	0.46149	9	3	2.00	100	3	10401	0.59578	0.52025	46.47554	4799.95749
3342	3352	45	0.07276	10	4	2.00	0	3	4311	0.09920	0.22913	44.00737	313.66836
3348	882	20	0.17992	3	10	3.00	0	3	653	0.54017	0.00370	19.98520	117.48776
3348	5613	45	0.14192	10	4	2.00	0	3	4667	0.19395	0.24803	43.90319	662.34064
3348	5615	45	0.25857	10	4	2.00	0	3	5157	0.35459	0.27410	43.75304	1333.44549
3349	3350	40	0.25757	10	5	1.00	0	3	474	0.38805	0.05759	39.82644	122.08818
3349	5615	40	0.11030	10	5	1.00	0	3	506	0.16623	0.06150	39.81252	55.8118
3350	882	20	0.14923	3	10	3.00	0	3	57	0.44771	0.00032	19.99871	8.50611
3350	3349	40	0.25757	10	5	1.00	0	3	506	0.38818	0.06150	39.81252	130.33042

3350	3351	40	0.16147	10	5	1.00	0	0	483	0.24328	0.05864	39.82272	77.99001
3351	3350	40	0.16147	10	5	1.00	0	0	563	0.24349	0.06843	39.78763	90.90761
3352	275	20	0.30548	3	10	3.00	0	3	261	0.91670	0.00148	19.99408	79.73028
3352	894	20	0.13004	3	10	3.00	0	3	346	0.39026	0.00196	19.99215	44.99384
3352	3342	45	0.07276	10	4	2.00	0	3	4190	0.09912	0.22270	44.04197	304.8644
3352	5603	45	0.06696	10	4	2.00	0	3	4437	0.09137	0.23581	43.97095	297.10152
3364	5704	40	0.38466	10	4	2.00	2	0	8331	0.61014	0.44275	37.82715	3204.60246
3385	9560	35	0.56802	10	4	1.00	2	0	7516	1.17250	0.79893	29.06712	4269.23832
3444	905	20	0.10449	3	10	3.00	0	3	2131	0.31423	0.01208	19.95181	222.66819
3444	3445	40	0.15123	10	3	2.00	4	3	12096	0.24992	0.60507	36.30565	1829.27808
3444	3450	30	0.16061	10	5	1.00	0	3	403	0.32236	0.04891	29.89276	64.72583
3444	3459	40	0.16590	10	3	2.00	4	3	14827	0.28983	0.74166	34.34473	2459.7993
3445	903	20	0.07309	3	10	3.00	0	3	812	0.21947	0.00460	19.98161	59.34908
3445	907	20	0.07719	3	10	3.00	0	3	4546	0.23277	0.02577	19.89743	350.90574
3445	3444	40	0.15123	10	3	2.00	4	3	13669	0.25719	0.68372	35.28024	2067.16287
3445	3446	40	0.21064	10	3	2.00	4	3	10945	0.34231	0.54747	36.92128	2305.4548
3446	3445	40	0.21064	10	3	2.00	4	3	12517	0.35054	0.62612	36.05437	2636.58088
3446	3447	40	0.14365	10	3	2.00	4	3	11189	0.23422	0.55965	36.79907	1607.29985
3446	3449	30	0.23863	10	5	1.00	0	3	244	0.47817	0.02962	29.94258	58.22572
3447	900	20	0.09160	3	10	3.00	0	3	1062	0.27513	0.00602	19.97595	97.2792
3447	906	20	0.08040	3	10	3.00	0	3	3137	0.24206	0.01778	19.92912	252.2148
3447	3446	40	0.14365	10	3	2.00	4	3	12761	0.24008	0.63832	35.90153	1833.11765
3447	3448	40	0.10935	10	3	2.00	4	0	12151	0.18088	0.60780	36.27389	1328.71185
3448	3447	40	0.10935	10	3	2.00	4	0	13724	0.18619	0.68646	35.23976	1500.7194
3449	900	20	0.23521	3	10	3.00	0	3	2	0.70563	0.00001	19.99995	0.47042
3449	901	20	0.13853	3	10	3.00	0	3	246	0.41570	0.00139	19.99443	34.07838
3449	903	20	0.09036	3	10	3.00	0	3	2	0.27107	0.00001	19.99995	0.18072
3449	3446	30	0.23863	10	5	1.00	0	3	244	0.47817	0.02959	29.94267	58.22572
3450	901	20	0.14754	3	10	3.00	0	3	390	0.44283	0.00221	19.99115	57.5406
3450	903	20	0.13035	3	10	3.00	0	3	0	0.39104	0.00000	19.99999	0
3450	904	20	0.16178	3	10	3.00	0	3	13	0.48536	0.00007	19.99971	2.10314
3450	3444	30	0.16061	10	5	1.00	0	3	403	0.32237	0.04897	29.89261	64.72583
3451	901	20	0.16592	3	10	3.00	0	3	108	0.49782	0.00061	19.99755	17.91936
3451	902	20	0.22403	3	10	3.00	0	3	1	0.67210	0.00000	19.99998	0.22403
3451	904	20	0.11557	3	10	3.00	0	3	0	0.34672	0.00000	19.99999	0
3451	3461	30	0.19348	10	5	1.00	0	3	104	0.38715	0.01266	29.98513	20.12192
3455	9560	35	0.44058	9	5	1.00	100	0	1459	0.76765	0.17722	34.43611	642.80622
3456	249	20	0.12739	3	10	3.00	0	3	1516	0.38283	0.00860	19.96567	193.12324
3456	3587	25	0.06686	10	4	2.00	4	3	2707	0.16250	0.14386	24.68559	180.99002
3456	3592	40	0.12828	10	3	2.00	4	3	9242	0.20428	0.46228	37.67562	1185.56376
3456	9555	40	0.19389	10	3	2.00	4	3	11079	0.31566	0.55418	36.85449	2148.10731
3457	238	20	0.06510	3	10	3.00	0	3	5742	0.19656	0.03255	19.87063	373.8042
3457	3458	40	0.08970	10	3	2.00	4	3	14968	0.15728	0.74872	34.21790	1342.6296
3457	3468	30	0.15000	10	5	1.00	0	3	1500	0.30508	0.18225	29.50013	225
3457	9555	40	0.21960	10	3	2.00	4	3	12695	0.36658	0.63502	35.94344	2787.822
3458	238	20	0.12401	3	10	3.00	0	3	51	0.37206	0.00029	19.99885	6.32451
3458	3457	40	0.08970	10	3	2.00	4	3	14294	0.15466	0.71500	34.79730	1282.1718
3458	3459	40	0.19618	10	3	2.00	4	3	15038	0.34463	0.75219	34.15448	2950.15484
3459	3444	40	0.16590	10	3	2.00	4	3	13254	0.27981	0.66299	35.57471	2198.8386
3459	3458	40	0.19618	10	3	2.00	4	3	14345	0.33866	0.71755	34.75584	2814.2021
3459	3460	45	0.14740	11	4	3.00	0	3	19641	0.22397	0.69588	39.48555	2895.0834
3459	5655	45	0.14923	10	3	3.00	4	3	32888	0.36922	1.09670	24.25128	4907.87624
3460	239	20	0.05142	3	10	3.00	0	3	2417	0.15468	0.01370	19.94534	124.28214
3460	904	20	0.09608	3	10	3.00	0	3	409	0.28837	0.00232	19.99072	39.29672
3460	3459	45	0.14740	11	4	3.00	0	3	19733	0.22429	0.69914	39.42931	2908.6442
3460	3461	45	0.11036	11	4	3.00	0	3	18263	0.16446	0.64708	40.26171	2015.50468
3461	3451	30	0.19348	10	5	1.00	0	3	107	0.38716	0.01302	29.98424	20.70236
3461	3460	45	0.11036	11	4	3.00	0	3	18353	0.16465	0.65025	40.21489	2025.43708

3461	3462	30	0.13835	10	5	1.00	0	3	4689	0.30162	0.56960	27.52215	648.72315
3461	3470	45	0.17095	11	4	3.00	0	3	14416	0.24466	0.51077	41.92471	2464.4152
3462	3461	30	0.13835	10	5	1.00	0	3	4846	0.30332	0.58869	27.36815	670.4441
3462	3463	30	0.14331	10	5	1.00	0	3	4689	0.31242	0.56960	27.52215	671.98059
3463	3462	30	0.14331	10	5	1.00	0	3	4846	0.31418	0.58869	27.36815	694.48026
3463	3464	30	0.18963	10	5	1.00	0	3	4799	0.41503	0.58303	27.41469	910.03437
3463	3468	30	0.14207	10	5	1.00	0	3	680	0.28602	0.08264	29.80178	96.6076
3463	3469	30	0.11820	10	5	1.00	0	3	523	0.23757	0.06351	29.85400	61.8186
3464	3463	30	0.18963	10	5	1.00	0	3	4978	0.41781	0.60477	27.23184	943.97814
3464	3465	30	0.14746	10	5	1.00	0	3	309	0.29568	0.03755	29.92230	45.56514
3464	3466	30	0.09905	10	5	1.00	0	3	4867	0.21732	0.59126	27.34679	482.07635
3465	242	20	0.10373	3	10	3.00	0	3	198	0.31126	0.00112	19.99551	20.53854
3465	243	20	0.13141	3	10	3.00	0	3	112	0.39429	0.00063	19.99747	14.71792
3465	3464	30	0.14746	10	5	1.00	0	3	294	0.29563	0.03567	29.92714	43.35324
3466	244	20	0.17525	3	10	3.00	0	3	307	0.52592	0.00174	19.99303	53.80175
3466	3464	30	0.09905	10	5	1.00	0	3	5062	0.21895	0.61488	27.14284	501.3911
3466	3595	45	0.25421	11	3	3.00	0	3	18348	0.37425	0.61185	40.75472	4664.24508
3466	3596	45	0.06332	11	3	3.00	0	3	21531	0.09719	0.71799	39.09221	1363.34292
3467	241	20	0.05389	3	10	3.00	0	3	809	0.16182	0.00459	19.98166	43.59701
3467	242	20	0.11858	3	10	3.00	0	3	117	0.35577	0.00066	19.99736	13.87386
3467	3468	30	0.18518	10	5	1.00	0	3	943	0.37397	0.11459	29.71068	174.62474
3468	240	20	0.08040	3	10	3.00	0	3	638	0.24137	0.00362	19.98554	51.2952
3468	3457	30	0.15000	10	5	1.00	0	3	1546	0.30527	0.18780	29.48171	231.9
3468	3463	30	0.14207	10	5	1.00	0	3	653	0.28593	0.07934	29.81091	92.77171
3468	3467	30	0.18518	10	5	1.00	0	3	925	0.37389	0.11234	29.71725	171.2915
3469	245	20	0.14929	3	10	3.00	0	3	187	0.44797	0.00106	19.99575	27.91723
3469	246	20	0.04369	3	10	3.00	0	3	336	0.13113	0.00191	19.99238	14.67984
3469	3463	30	0.11820	10	5	1.00	0	3	528	0.23758	0.06416	29.85226	62.4096
3470	247	20	0.05124	3	10	3.00	0	3	521	0.15382	0.00295	19.98819	26.69604
3470	902	20	0.08858	3	10	3.00	0	3	642	0.26592	0.00364	19.98545	56.86836
3470	3461	45	0.17095	11	4	3.00	0	3	14351	0.24452	0.50847	41.94783	2453.30345
3470	5661	45	0.10761	11	3	3.00	0	0	13846	0.15232	0.46171	42.39015	1489.96806
3587	237	20	0.19558	3	10	3.00	0	3	55	0.58677	0.00031	19.99875	10.7569
3587	3456	25	0.06686	10	4	2.00	4	3	2740	0.16253	0.14561	24.68107	183.1964
3587	3588	30	0.09148	10	4	2.00	4	3	2762	0.18535	0.14678	29.61367	252.66776
3588	248	25	0.14634	2	10	1.00	4	3	6379	0.35884	0.10848	24.46911	933.50286
3588	3587	30	0.09148	10	4	2.00	4	3	2795	0.18538	0.14853	29.60823	255.6866
3588	3593	25	0.21442	10	4	1.00	4	0	3584	0.53797	0.38095	23.91470	768.48128
3592	3456	40	0.12828	10	3	2.00	4	3	9856	0.20567	0.49298	37.42229	1264.32768
3592	3594	40	0.16061	10	3	2.00	4	0	9242	0.25577	0.46228	37.67562	1484.35762
3593	3588	25	0.21442	10	4	1.00	4	0	3617	0.53829	0.38445	23.90022	775.55714
3593	3594	40	0.12823	10	3	3.00	8	2	25771	0.24235	0.85936	31.74807	3304.61533
3593	3629	25	0.20062	11	4	2.00	20	2	10271	0.52142	0.54584	23.08582	2060.56802
3593	8845	40	0.19129	10	3	3.00	4	2	31958	0.49247	1.06568	23.30571	6113.24582
3594	3592	40	0.16061	10	3	2.00	4	0	9856	0.25750	0.49298	37.42229	1582.97216
3594	3593	40	0.12823	10	3	3.00	8	2	26269	0.24597	0.87599	31.28034	3368.47387
3594	3595	45	0.23893	10	3	3.00	8	0	17750	0.34955	0.59190	41.01207	4241.0075
3595	243	20	0.13692	3	10	3.00	0	3	404	0.41096	0.00229	19.99084	55.31568
3595	244	20	0.13776	3	10	3.00	0	3	240	0.41340	0.00136	19.99457	33.0624
3595	3466	45	0.25421	11	3	3.00	0	3	17302	0.37024	0.57695	41.19577	4398.34142
3595	3594	45	0.23893	10	3	3.00	8	0	18805	0.35355	0.62710	40.54759	4493.07865
3596	244	20	0.21910	3	10	3.00	0	3	0	0.65729	0.00000	20.00000	0
3596	245	20	0.08842	3	10	3.00	0	3	498	0.26540	0.00282	19.98871	44.03316
3596	3033	45	0.22381	11	3	3.00	20	0	21459	0.34313	0.71558	39.13650	4802.73879
3596	3466	45	0.06332	11	3	3.00	0	3	22784	0.09929	0.75977	38.26483	1442.68288
3616	1131	20	0.17211	3	10	3.00	0	3	8215	0.52114	0.04657	19.81544	1413.88365
3616	2978	45	0.28035	9	4	1.00	100	0	9516	0.57241	1.01144	29.38608	2667.8106
3616	5515	45	0.39564	10	3	1.00	1	3	10501	0.87444	1.05052	27.14684	4154.61564

3629	3593	25	0.20062	11	4	2.00	20	2	10291	0.52157	0.54695	23.07903	2064.58042
3653	3304	35	0.08278	11	5	1.00	20	0	1961	0.14527	0.23825	34.18924	162.33158
3664	8972	40	0.28535	9	4	1.00	100	0	6447	0.48560	0.68530	35.25701	1839.65145
3678	5892	45	0.10873	10	4	1.00	1	3	10837	0.31501	1.15186	20.71009	1178.30701
3683	275	20	0.22959	3	10	3.00	0	0	39	0.68881	0.00022	19.99912	8.95401
3693	8981	30	0.30417	9	4	1.00	100	0	1298	0.61572	0.13796	29.64080	394.81266
3707	940	20	0.08705	2	10	1.00	0	3	185	0.26131	0.00315	19.98742	16.10425
3707	9101	30	0.21349	10	5	1.00	0	3	1896	0.43667	0.23030	29.33401	404.77704
3707	9103	30	0.13989	10	5	1.00	0	3	2106	0.28706	0.25584	29.23933	294.60834
3707	9104	30	0.26902	10	5	1.00	0	3	1657	0.54835	0.20129	29.43607	445.76614
3708	1106	20	0.18200	2	10	1.00	0	3	1849	0.54943	0.03144	19.87501	336.518
3708	9100	45	0.07462	9	4	1.00	100	3	1838	0.10133	0.19542	44.18411	137.15156
3712	1517	20	0.04573	2	10	1.00	0	0	1554	0.13790	0.02643	19.89484	71.06442
3712	9521	25	0.05808	10	5	1.00	0	0	438	0.13993	0.05323	24.90116	25.43904
3712	25130	25	0.04902	10	5	1.00	0	0	1254	0.11926	0.15228	24.66378	61.47108
3714	9363	30	0.20043	10	4	1.00	7	3	999	0.40444	0.10614	29.73525	200.22957
3714	25080	25	0.10178	10	5	1.00	0	3	263	0.24478	0.03197	24.94716	26.76814
3714	25087	30	0.10671	10	4	1.00	7	0	748	0.21477	0.07945	29.81059	79.81908
3716	1102	20	0.23538	2	10	1.00	7	3	877	0.70825	0.01491	19.94053	206.42826
3716	9364	30	0.19492	10	4	1.00	7	3	1542	0.39565	0.16386	29.55990	300.56664
3716	9583	30	0.18247	10	4	1.00	7	3	2528	0.37508	0.26874	29.18968	461.28416
3717	913	25	0.08917	2	10	1.00	0	3	906	0.21467	0.01541	24.92317	80.78802
3717	3719	40	0.10708	10	3	2.00	0	3	3569	0.16328	0.17851	39.34991	382.16852
3717	9619	40	0.07714	10	3	2.00	0	3	4421	0.11821	0.22112	39.15589	341.03594
3719	3717	40	0.10708	10	3	2.00	0	3	3556	0.16326	0.17787	39.35272	380.77648
3719	3721	40	0.16430	10	3	2.00	0	3	3231	0.25005	0.16160	39.42282	530.8533
3719	3730	35	0.13970	10	5	1.00	0	3	3395	0.25177	0.41247	33.29261	474.2815
3719	9614	35	0.20585	10	3	1.00	0	3	2960	0.36405	0.29609	33.92680	609.316
3721	3719	40	0.16430	10	3	2.00	0	3	3196	0.25001	0.15989	39.43007	525.1028
3721	3723	40	0.05892	10	3	2.00	0	3	3231	0.08968	0.16160	39.42282	190.37052
3723	3721	40	0.05892	10	3	2.00	0	3	3196	0.08966	0.15989	39.43007	188.30832
3723	3725	45	0.24512	10	3	2.00	0	3	3231	0.33161	0.16160	44.35067	791.98272
3725	1189	25	0.30147	2	10	1.00	0	3	1593	0.72745	0.02709	24.86530	480.24171
3725	3723	45	0.24512	10	3	2.00	0	3	3196	0.33155	0.15989	44.35883	783.40352
3725	3727	35	0.22417	10	5	1.00	0	3	1951	0.39334	0.23701	34.19452	437.35567
3725	9630	0	0.37417	10	3	0.00	0	3	0	0.00000	0.00000	0.00000	0
3727	908	25	0.13674	2	10	1.00	0	3	2015	0.33042	0.03427	24.82984	275.5311
3727	909	25	0.12580	2	10	1.00	0	3	486	0.30241	0.00827	24.95870	61.1388
3727	3725	35	0.22417	10	5	1.00	0	3	1917	0.39314	0.23285	34.21222	429.73389
3727	3729	35	0.21570	10	5	1.00	0	3	876	0.37306	0.10636	34.69038	188.9532
3729	3727	35	0.21570	10	5	1.00	0	3	841	0.37291	0.10221	34.70434	181.4037
3729	3734	35	0.11533	10	5	1.00	0	3	3683	0.20927	0.44737	33.06792	424.76039
3729	3758	35	0.07296	10	5	1.00	0	3	3518	0.13187	0.42739	33.19880	256.67328
3730	913	25	0.09717	2	10	1.00	0	3	234	0.23338	0.00398	24.98010	22.73778
3730	914	25	0.14047	2	10	1.00	0	3	1706	0.33908	0.02902	24.85573	239.64182
3730	3719	35	0.13970	10	5	1.00	0	3	3406	0.25183	0.41380	33.28433	475.8182
3730	3732	35	0.10975	10	5	1.00	0	3	3172	0.19684	0.38536	33.45503	348.127
3731	3733	35	0.14370	10	5	1.00	0	3	3591	0.26015	0.43622	33.14169	516.0267
3731	3758	35	0.06390	10	5	1.00	0	3	3674	0.11592	0.44633	33.07491	234.7686
3732	912	25	0.07955	2	10	1.00	0	3	1685	0.19202	0.02866	24.85750	134.04175
3732	3730	35	0.10975	10	5	1.00	0	3	3181	0.19687	0.38647	33.44860	349.11475
3732	3735	35	0.07548	10	5	1.00	0	3	1487	0.13157	0.18062	34.42308	112.23876
3733	911	25	0.11304	2	10	1.00	0	3	90	0.27138	0.00153	24.99235	10.1736
3733	3731	35	0.14370	10	5	1.00	0	3	3674	0.26068	0.44633	33.07491	527.9538
3733	3735	35	0.17648	10	5	1.00	0	3	3501	0.31882	0.42529	33.21219	617.85648
3734	910	25	0.07702	2	10	1.00	0	3	11	0.18485	0.00018	24.99910	0.84722
3734	3729	35	0.11533	10	5	1.00	0	3	3566	0.20868	0.43317	33.16158	411.26678
3734	3736	30	0.12028	10	5	1.00	0	3	3694	0.25469	0.44872	28.33620	444.31432

3735	3732	35	0.07548	10	5	1.00	0	3	1497	0.13158	0.18180	34.41856	112.99356
3735	3733	35	0.17648	10	5	1.00	0	3	3573	0.31936	0.43407	33.15572	630.56304
3735	3737	35	0.00683	10	5	1.00	0	3	4058	0.01251	0.49295	32.74474	27.71614
3736	924	20	0.14760	2	10	1.00	0	3	458	0.44348	0.00778	19.96891	67.6008
3736	938	20	0.27206	2	10	1.00	0	3	1072	0.81914	0.01823	19.92733	291.64832
3736	3734	30	0.12028	10	5	1.00	0	3	3576	0.25396	0.43445	28.41705	430.12128
3736	9101	30	0.12245	10	5	1.00	0	3	2183	0.25158	0.26522	29.20336	267.30835
3737	911	25	0.15259	2	10	1.00	0	3	731	0.36712	0.01243	24.93801	111.54329
3737	912	25	0.11716	2	10	1.00	0	3	1562	0.28268	0.02656	24.86789	183.00392
3737	3735	35	0.00683	10	5	1.00	0	3	4140	0.01254	0.50291	32.66916	28.2762
3737	8660	35	0.17800	10	5	1.00	0	3	5367	0.34168	0.65198	31.25814	955.326
3739	923	20	0.06950	2	10	1.00	0	3	317	0.20873	0.00539	19.97845	22.0315
3739	924	20	0.24738	2	10	1.00	0	3	226	0.74272	0.00385	19.98461	55.90788
3739	3741	30	0.08864	10	5	1.00	0	3	4853	0.19438	0.58950	27.36139	430.16992
3739	9103	30	0.07538	10	5	1.00	0	3	5131	0.16709	0.62328	27.06685	386.77478
3741	3739	30	0.08864	10	5	1.00	0	3	4979	0.19531	0.60485	27.23113	441.33856
3741	3743	30	0.22143	10	5	1.00	0	3	4853	0.48558	0.58950	27.36139	1074.59979
3743	925	20	0.29123	2	10	1.00	0	3	721	0.87583	0.01227	19.95105	209.97683
3743	3741	30	0.22143	10	5	1.00	0	3	4979	0.48790	0.60485	27.23113	1102.49997
3743	3745	30	0.18216	10	5	1.00	0	3	5374	0.40806	0.65283	26.78421	978.92784
3745	3743	30	0.18216	10	5	1.00	0	3	5500	0.41046	0.66817	26.62713	1001.88
3745	3747	30	0.13827	10	5	1.00	0	3	5374	0.30973	0.65283	26.78421	743.06298
3747	3745	30	0.13827	10	5	1.00	0	3	5500	0.31156	0.66817	26.62713	760.485
3747	8657	45	0.34205	10	3	3.00	0	3	27138	0.60031	0.90497	34.18745	9282.5529
3747	8660	45	0.40090	10	3	3.00	0	3	31906	0.91373	1.06397	26.32512	12791.1154
3749	8603	40	0.08018	10	3	2.00	0	3	7438	0.12554	0.37203	38.32157	596.37884
3749	8611	40	0.05377	10	3	2.00	0	3	7565	0.08429	0.37840	38.28019	406.77005
3751	915	25	0.09622	2	10	1.00	0	3	693	0.23148	0.01178	24.94123	66.68046
3751	8609	45	0.09186	10	3	3.00	0	3	30182	0.18586	1.00646	29.65373	2772.51852
3751	8660	45	0.19512	10	3	3.00	0	3	30950	0.41464	1.03206	28.23384	6038.964
3753	915	25	0.12528	2	10	1.00	0	3	24	0.30069	0.00041	24.99796	3.00672
3753	3755	35	0.05654	10	5	1.00	0	3	1951	0.09920	0.23702	34.19447	110.30954
3753	8603	35	0.08130	10	5	1.00	0	3	1778	0.14229	0.21595	34.28272	144.5514
3755	916	25	0.11912	2	10	1.00	0	3	354	0.28624	0.00603	24.96990	42.16848
3755	3753	35	0.05654	10	5	1.00	0	3	1802	0.09898	0.21886	34.27075	101.88508
3755	3757	35	0.09108	10	5	1.00	0	3	1599	0.15899	0.19420	34.37022	145.63692
3756	918	25	0.14810	2	10	1.00	0	3	141	0.35561	0.00239	24.98806	20.8821
3756	3757	35	0.06065	10	5	1.00	0	3	140	0.10407	0.01695	34.97022	8.491
3757	3755	35	0.09108	10	5	1.00	0	3	1450	0.15867	0.17620	34.44002	132.066
3757	3756	35	0.06065	10	5	1.00	0	3	141	0.10407	0.01707	34.96987	8.55165
3757	8613	35	0.10872	10	5	1.00	0	3	1714	0.19011	0.20827	34.31403	186.34608
3758	910	25	0.05580	2	10	1.00	0	3	77	0.13396	0.00131	24.99345	4.2966
3758	3729	35	0.07296	10	5	1.00	0	3	3601	0.13213	0.43744	33.13377	262.72896
3758	3731	35	0.06390	10	5	1.00	0	3	3591	0.11569	0.43622	33.14169	229.4649
3759	919	25	0.08274	2	10	1.00	0	3	738	0.19908	0.01256	24.93736	61.06212
3759	8605	40	0.29380	10	3	2.00	0	3	6649	0.45709	0.33259	38.56532	1953.4762
3759	8607	40	0.10810	10	3	2.00	0	3	7272	0.16901	0.36376	38.37443	786.1032
3761	920	25	0.10199	2	10	1.00	0	3	1534	0.24604	0.02609	24.87023	156.45266
3761	8605	35	0.15998	10	5	1.00	0	3	1534	0.27902	0.18636	34.40092	245.40932
3763	921	25	0.10373	2	10	1.00	0	3	341	0.24924	0.00580	24.97104	35.37193
3763	8605	35	0.09148	10	5	1.00	0	3	350	0.15730	0.04250	34.89441	32.018
3765	930	25	0.16884	2	10	1.00	0	3	1116	0.40675	0.01898	24.90545	188.42544
3765	8655	40	0.10916	10	5	1.00	0	0	1120	0.16569	0.13606	39.52876	122.2592
3767	930	25	0.09726	2	10	1.00	0	3	853	0.23411	0.01451	24.92766	82.96278
3767	8623	30	0.08380	10	5	1.00	0	3	5418	0.18810	0.65814	26.73062	454.0284
3767	8625	30	0.25172	10	5	1.00	0	3	6639	0.60926	0.80653	24.78925	1671.16908
3769	931	20	0.14551	2	10	1.00	0	3	1005	0.43803	0.01709	19.93189	146.23755
3769	935	25	0.09076	2	10	1.00	0	3	1324	0.21880	0.02251	24.88796	120.16624

3769	8625	40	0.18483	10	3	2.00	0	3	7042	0.28845	0.35223	38.44656	1301.57286
3769	8989	40	0.14354	10	3	2.00	0	3	6879	0.22371	0.34407	38.49652	987.41166
3771	932	20	0.12038	2	10	1.00	0	3	489	0.36174	0.00832	19.96676	58.86582
3771	3772	45	0.22021	10	3	2.00	0	3	17169	0.36976	0.85882	35.73322	3780.78549
3771	8986	45	0.15686	10	3	2.00	8	3	17375	0.26577	0.86907	35.41327	2725.4425
3772	3771	45	0.22021	10	3	2.00	0	3	17231	0.37074	0.86189	35.63876	3794.43851
3772	8987	45	0.09762	10	3	2.00	0	3	17169	0.16391	0.85882	35.73322	1676.03778
5020	5027	25	0.77535	9	5	1.00	100	0	0	1.85983	0.00000	25.01345	0
5020	9545	25	0.17788	9	5	1.00	100	0	0	0.42669	0.00000	25.01345	0
5020	27006	0	0.61697	9	2	0.00	100	0	0	0.00000	0.00000	0.00000	0
5027	5020	25	0.77535	9	5	1.00	100	0	0	1.85983	0.00000	25.01345	0
5027	5050	25	0.54318	9	5	1.00	100	0	0	1.30294	0.00000	25.01345	0
5028	9387	50	0.20216	10	3	3.00	7	0	7725	0.24895	0.25760	48.72105	1561.686
5029	24764	45	0.09674	9	3	3.00	100	0	19220	0.14384	0.64091	40.35184	1859.3428
5029	25056	50	0.09277	10	3	3.00	7	0	8358	0.11457	0.27870	48.58415	775.37166
5029	25129	50	0.09675	10	3	3.00	7	0	16245	0.12558	0.54173	46.22182	1571.70375
5029	25189	45	0.13340	9	3	3.00	100	0	14864	0.19024	0.49566	42.07418	1982.8576
5032	1119	25	0.33159	2	10	1.00	7	3	192	0.79634	0.00327	24.98364	63.66528
5032	9596	35	0.20768	9	7	1.00	100	3	328	0.35648	0.02321	34.95497	68.11904
5032	30003	35	0.40063	9	7	1.00	100	3	185	0.68728	0.01310	34.97551	74.11655
5041	5050	30	1.35250	9	7	1.00	100	0	0	2.70487	0.00000	30.00137	0
5049	6983	25	1.02360	9	5	1.00	100	0	0	2.45532	0.00000	25.01345	0
5050	5027	25	0.54318	9	5	1.00	100	0	0	1.30294	0.00000	25.01345	0
5050	5041	30	1.35250	9	7	1.00	100	0	0	2.70487	0.00000	30.00137	0
5050	6983	25	0.40174	9	5	1.00	100	0	0	0.96367	0.00000	25.01345	0
5325	5884	40	0.29909	10	3	2.00	1	0	13308	0.50496	0.66564	35.53804	3980.28972
5500	162	25	0.07582	2	10	1.00	5	3	232	0.18212	0.00394	24.98032	17.59024
5500	196	25	0.20681	2	10	1.00	5	3	473	0.49715	0.00804	24.95986	97.82113
5500	197	25	0.20456	2	10	1.00	5	3	130	0.49115	0.00220	24.98899	26.5928
5500	8992	45	0.19017	10	3	2.00	5	3	10475	0.27304	0.52397	41.78938	1992.03075
5500	8998	45	0.15013	10	3	2.00	5	3	10647	0.21603	0.53257	41.69862	1598.43411
5502	161	25	0.09503	2	10	1.00	5	3	77	0.22814	0.00131	24.99345	7.31731
5502	5504	45	0.19285	10	3	2.00	5	3	12240	0.28396	0.61226	40.74926	2360.484
5502	8992	45	0.12502	10	3	2.00	5	3	12443	0.18471	0.62238	40.61262	1555.62386
5504	181	25	0.13954	2	10	1.00	5	3	674	0.33567	0.01147	24.94278	94.04996
5504	182	25	0.33275	2	10	1.00	5	3	118	0.79893	0.00200	24.99001	39.2645
5504	5502	45	0.19285	10	3	2.00	5	3	12489	0.28514	0.62471	40.58064	2408.50365
5504	5506	45	0.19635	10	3	2.00	5	3	12785	0.29181	0.63951	40.37209	2510.33475
5506	159	25	0.20348	2	10	1.00	5	3	535	0.48924	0.00910	24.95458	108.8618
5506	5504	45	0.19635	10	3	2.00	5	3	13045	0.29319	0.65250	40.18123	2561.38575
5506	8632	45	0.06694	10	3	2.00	5	3	13163	0.10018	0.65839	40.09218	881.13122
5509	323	25	0.13876	2	10	1.00	1	3	3285	0.33675	0.05586	24.72376	455.8266
5509	5511	45	0.25754	10	5	2.00	1	3	10555	0.38296	0.64109	40.34926	2718.3347
5509	5514	45	0.14168	10	5	2.00	1	3	11555	0.21584	0.70181	39.38285	1637.1124
5510	322	25	0.26877	2	10	1.00	1	3	707	0.64660	0.01202	24.94006	190.02039
5510	5511	45	0.35823	10	3	1.00	1	3	4873	0.50990	0.48746	42.15297	1745.65479
5510	6004	40	0.32318	10	3	1.00	1	3	4243	0.51079	0.42446	37.96281	1371.25274
5511	5509	45	0.25754	10	5	2.00	1	3	10932	0.38625	0.66397	40.00631	2815.42728
5511	5510	45	0.35823	10	3	1.00	1	3	4890	0.51010	0.48923	42.13612	1751.7447
5511	5512	45	0.44797	10	3	1.00	1	3	8555	0.75031	0.85587	35.82273	3832.38335
5511	15064	45	0.10042	10	5	2.00	1	3	16703	0.20621	1.01454	29.21718	1677.31526
5512	5511	45	0.44797	10	3	1.00	1	3	8985	0.78118	0.89891	34.40686	4025.01045
5512	5513	45	0.04154	10	3	1.00	1	3	8722	0.07060	0.87251	35.30319	362.31188
5512	27043	25	0.19897	10	3	1.00	1	3	664	0.47999	0.06640	24.87185	132.11608
5513	5512	45	0.04154	10	3	1.00	1	3	9086	0.07321	0.90892	34.04187	377.43244
5513	5519	25	0.11739	10	4	1.00	1	3	1416	0.28553	0.15052	24.66837	166.22424
5513	5525	45	0.20076	10	3	1.00	1	3	7358	0.31087	0.73611	38.74771	1477.19208
5514	5509	45	0.14168	10	5	2.00	1	3	11224	0.21400	0.68172	39.72318	1590.21632

5514	5518	45	0.21235	10	3	3.00	4	3	17105	0.30870	0.57040	41.27381	3632.24675
5514	9054	45	0.15115	10	3	2.00	1	3	14466	0.23261	0.72357	38.98827	2186.5359
5514	24840	45	0.14589	10	3	2.00	4	3	17700	0.25097	0.88534	34.87912	2582.253
5515	1132	20	0.18811	3	10	3.00	0	3	2500	0.56592	0.01417	19.94346	470.275
5515	3616	45	0.39564	10	3	1.00	1	3	11691	1.21011	1.16960	19.61667	4625.42724
5515	5525	45	0.31545	10	3	1.00	1	3	11771	0.98907	1.17762	19.13612	3713.16195
5516	210	25	0.32283	2	10	1.00	4	3	12173	0.80686	0.20702	24.00603	3929.80959
5516	5517	45	0.14283	10	3	2.00	4	3	22803	0.40008	1.14063	21.41983	3256.95249
5516	24840	45	0.25659	10	3	2.00	1	3	20713	0.54980	1.03608	28.00148	5314.74867
5516	27043	25	0.20523	10	3	1.00	1	3	883	0.49610	0.08832	24.82162	181.21809
5517	5516	45	0.14283	10	3	2.00	4	3	22847	0.40271	1.14283	21.28017	3263.23701
5517	5521	50	0.12236	10	6	2.00	1	0	6	0.14676	0.00025	50.02589	0.73416
5517	5523	45	0.15314	10	3	4.00	1	3	26517	0.22960	0.66320	40.01829	4060.81338
5517	9571	45	0.10367	10	3	3.00	1	3	44767	0.74714	1.49283	8.32541	4640.99489
5518	214	25	0.17614	2	10	1.00	4	3	235	0.42309	0.00400	24.98001	41.3929
5518	1542	25	0.13532	2	10	1.00	4	3	615	0.32545	0.01046	24.94780	83.2218
5518	5514	45	0.21235	10	3	3.00	4	3	17872	0.31106	0.59598	40.96070	3795.1192
5518	5520	45	0.21328	10	3	3.00	4	3	17883	0.31245	0.59633	40.95615	3814.08624
5519	5513	25	0.11739	10	4	1.00	1	3	2368	0.28892	0.25169	24.37919	277.97952
5519	9091	45	0.18542	10	2	4.00	1	3	36026	0.29173	0.76585	38.13421	6679.94092
5519	9561	25	0.08617	10	4	1.00	1	3	8490	0.27149	0.90243	19.04443	731.5833
5519	27042	45	0.09822	10	3	4.00	1	3	35382	0.16890	0.88491	34.89363	3475.22004
5520	213	25	0.15218	2	10	1.00	4	3	245	0.36553	0.00417	24.97915	37.2841
5520	5518	45	0.21328	10	3	3.00	4	3	18332	0.31394	0.61131	40.76183	3909.84896
5520	5526	45	0.14547	10	3	3.00	4	3	17638	0.21258	0.58815	41.05887	2565.79986
5521	5517	50	0.12236	10	6	1.00	1	0	12321	0.24191	1.04772	30.34950	1507.59756
5522	5524	45	0.19169	10	3	3.00	4	3	18492	0.28265	0.61666	40.69035	3544.73148
5522	5526	45	0.12397	10	3	3.00	4	3	19236	0.18437	0.64147	40.34373	2384.68692
5523	5517	45	0.15314	10	3	4.00	1	3	35384	0.26333	0.88496	34.89192	5418.70576
5523	5966	0	0.41388	10	6	0.00	4	0	0	0.00000	0.00000	0.00000	0
5523	27042	45	0.04943	10	3	4.00	1	3	39070	0.09524	0.97715	31.14134	1931.2301
5524	212	25	0.06349	2	10	1.00	4	3	297	0.15254	0.00505	24.97476	18.85653
5524	216	25	0.13744	2	10	1.00	4	3	1442	0.33147	0.02453	24.87795	198.18848
5524	5522	45	0.19169	10	3	3.00	4	3	19236	0.28508	0.64147	40.34373	3687.34884
5524	8748	45	0.09655	10	3	3.00	4	3	19501	0.14405	0.65030	40.21408	1882.82155
5525	5513	45	0.20076	10	3	1.00	1	3	6770	0.30269	0.67729	39.79523	1359.1452
5525	5515	45	0.31545	10	3	1.00	1	3	12962	1.41940	1.29670	13.33443	4088.8629
5525	9561	25	0.11058	10	4	1.00	1	3	5012	0.28641	0.53275	23.16484	554.22696
5526	213	25	0.09035	2	10	1.00	4	3	531	0.21723	0.00903	24.95496	47.97585
5526	5520	45	0.14547	10	3	3.00	4	3	18092	0.21358	0.60330	40.86686	2631.84324
5526	5522	45	0.12397	10	3	3.00	4	3	18492	0.18280	0.61666	40.69035	2292.45324
5526	5528	30	0.18405	10	5	1.00	4	3	912	0.37155	0.11076	29.72187	167.8536
5528	214	25	0.24093	2	10	1.00	4	3	438	0.57909	0.00745	24.96280	105.52734
5528	5526	30	0.18405	10	5	1.00	4	3	617	0.37029	0.07492	29.82306	113.55885
5528	5530	30	0.18129	10	5	1.00	4	3	543	0.36443	0.06600	29.84730	98.44047
5530	5528	30	0.18129	10	5	1.00	4	3	550	0.36446	0.06684	29.84502	99.7095
5530	5532	30	0.18844	10	5	1.00	4	3	723	0.37958	0.08783	29.78730	136.24212
5530	5534	30	0.05955	10	5	1.00	4	3	833	0.12011	0.10120	29.74946	49.60515
5532	215	25	0.15861	2	10	1.00	4	3	1357	0.38243	0.02308	24.88512	215.23377
5532	5530	30	0.18844	10	5	1.00	4	3	346	0.37801	0.04205	29.91068	65.20024
5532	8744	30	0.20849	10	5	1.00	4	3	1200	0.42237	0.14580	29.61671	250.188
5534	217	25	0.05053	2	10	1.00	4	3	1043	0.12171	0.01775	24.91159	52.70279
5534	5530	30	0.05955	10	5	1.00	4	3	1217	0.12067	0.14783	29.61041	72.47235
5534	9050	30	0.17078	10	5	1.00	4	3	1018	0.34520	0.12369	29.68381	173.85404
5536	5542	50	0.18583	10	1	2.00	1	0	53445	0.44576	1.13616	25.01362	9931.68435
5536	5544	63	0.18581	10	1	3.00	1	0	55019	0.21196	0.77975	52.59784	10223.08039
5536	7153	65	0.02973	2	9	1.00	0	0	0	0.02743	0.00000	65.03497	0
5538	5540	63	0.39224	10	1	3.00	1	0	63899	0.49425	0.90560	47.61596	25063.74376

5538	5542	50	0.23239	10	1	1.00	1	0	15460	0.31480	0.65732	44.29323	3592.7494
5540	8954	63	0.40455	10	1	5.00	1	0	96554	0.47412	0.82104	51.19609	39060.9207
5540	10290	65	0.03020	2	9	1.00	0	0	15324	0.03541	0.86872	51.16853	462.7848
5542	25162	63	0.01109	10	1	2.00	4	0	68905	0.04952	1.46482	13.43880	764.15645
5546	5540	50	0.25012	10	1	2.00	1	0	47979	0.46385	1.01996	32.35313	12000.50748
5546	5544	50	0.26194	10	1	1.00	1	0	21910	0.42784	0.93155	36.73417	5739.1054
5548	5549	30	0.13942	10	6	1.00	4	2	13257	0.56327	1.12726	14.85106	1848.29094
5548	5550	63	0.31677	10	1	3.00	4	0	55649	0.36333	0.78867	52.31135	17627.93373
5549	8840	25	0.07379	10	6	1.00	4	2	2893	0.18147	0.24601	24.39696	213.47447
5549	8845	30	0.11513	10	6	1.00	4	2	10364	0.29592	0.88125	23.34433	1193.20732
5550	25165	63	0.02081	10	1	3.00	4	0	66073	0.02713	0.93641	46.02166	1374.97913
5552	5654	35	0.17405	10	6	1.00	4	3	12783	0.53980	1.08701	19.34592	2224.88115
5552	5657	63	0.11194	10	1	3.00	4	0	53290	0.12591	0.75524	53.34343	5965.2826
5553	5555	40	0.06006	10	3	2.00	0	3	12510	0.09994	0.62577	36.05864	751.3506
5553	5556	40	0.04209	10	3	2.00	0	3	12510	0.07003	0.62577	36.05864	526.5459
5554	25168	63	0.01653	10	1	3.00	4	0	69322	0.02290	0.98246	43.29932	1145.89266
5555	273	25	0.12084	2	10	1.00	3	3	12510	0.30236	0.21276	23.97961	1511.7084
5555	5553	40	0.06006	10	3	2.00	0	3	12510	0.09994	0.62577	36.05864	751.3506
5556	5553	40	0.04209	10	3	2.00	0	3	12510	0.07003	0.62577	36.05864	526.5459
5556	5557	45	0.09004	10	3	3.00	0	3	12387	0.12623	0.41305	42.80012	1115.32548
5556	5563	45	0.10911	10	3	3.00	0	3	34077	0.30179	1.13636	21.69238	3718.14147
5556	8769	45	0.06686	10	3	3.00	0	3	38980	0.30352	1.29985	13.21601	2606.2028
5557	877	20	0.06631	3	10	3.00	0	3	459	0.19903	0.00260	19.98960	30.43629
5557	5556	45	0.09004	10	3	3.00	0	3	9008	0.12393	0.30038	43.59354	811.08032
5557	5614	45	0.18963	10	3	3.00	0	3	12651	0.26627	0.42186	42.72937	2399.00913
5558	82	25	0.04314	2	10	1.00	1	3	413	0.10368	0.00703	24.96490	17.81682
5558	135	25	0.05928	2	10	1.00	1	3	1814	0.14315	0.03085	24.84668	107.53392
5558	5560	35	0.09193	10	3	3.00	1	3	25038	0.19467	0.83493	28.33555	2301.74334
5558	5848	35	0.05552	10	3	3.00	1	3	25893	0.12035	0.86343	27.68170	1437.57936
5560	5558	35	0.09193	10	3	3.00	1	3	24773	0.19338	0.82610	28.52429	2277.38189
5560	5562	35	0.08977	10	3	3.00	1	3	24031	0.18560	0.80134	29.02120	2157.26287
5560	5646	25	0.06705	10	5	1.00	1	3	992	0.16257	0.12052	24.74434	66.5136
5560	5844	25	0.14348	10	5	1.00	1	3	2418	0.35514	0.29378	24.24133	346.93464
5561	885	20	0.09611	3	10	3.00	0	3	3065	0.28934	0.01737	19.93074	294.57715
5561	5610	45	0.12542	10	3	3.00	3	3	24608	0.20436	0.82059	36.82139	3086.33536
5561	5612	45	0.13195	10	3	3.00	3	3	24268	0.21331	0.80926	37.11483	3202.1626
5562	136	25	0.06705	2	10	1.00	1	3	2013	0.16201	0.03424	24.82995	134.97165
5562	5560	35	0.08977	10	3	3.00	1	3	25432	0.19208	0.84807	28.04286	2283.03064
5562	5564	35	0.07654	10	3	3.00	1	3	23490	0.15644	0.78331	29.35578	1797.9246
5563	879	20	0.10091	3	10	3.00	0	3	748	0.30300	0.00424	19.98306	75.48068
5563	880	25	0.08951	3	10	1.00	0	3	1841	0.21618	0.03131	24.84442	164.78791
5563	5556	45	0.10911	10	3	3.00	0	3	32599	0.26324	1.08708	24.86892	3556.87689
5563	5612	45	0.10312	10	3	3.00	0	3	31834	0.23369	1.06154	26.47498	3282.72208
5564	5562	35	0.07654	10	3	3.00	1	3	24790	0.16107	0.82668	28.51207	1897.4266
5564	5566	35	0.14358	10	3	3.00	1	3	23618	0.29423	0.78757	29.27867	3391.07244
5564	5642	25	0.17600	10	5	1.00	1	3	1073	0.42718	0.13030	24.72001	188.848
5564	5852	25	0.17850	10	5	1.00	1	3	1687	0.43680	0.20496	24.51957	301.1295
5566	84	25	0.05271	2	10	1.00	1	3	2782	0.12770	0.04732	24.76564	146.63922
5566	250	25	0.07944	2	10	1.00	3	3	1802	0.19182	0.03064	24.84772	143.15088
5566	5564	35	0.14358	10	3	3.00	1	3	24276	0.29847	0.80952	28.86197	3485.54808
5566	5568	35	0.08228	10	3	3.00	1	3	21757	0.16296	0.72552	30.29557	1790.16596
5568	5566	35	0.08228	10	3	3.00	3	3	22107	0.16391	0.73719	30.12063	1818.96396
5568	5570	35	0.10909	10	3	3.00	2	3	21132	0.21396	0.70469	30.59175	2305.28988
5568	5776	25	0.11147	10	5	1.00	1	3	1209	0.27102	0.14682	24.67796	134.76723
5570	5568	35	0.10909	10	3	3.00	3	3	22107	0.21731	0.73719	30.12063	2411.65263
5570	5572	45	0.15682	10	3	3.00	2	3	21227	0.23956	0.70784	39.27626	3328.81814
5570	5630	35	0.06885	10	4	3.00	3	3	17445	0.13060	0.61810	31.63295	1201.08825
5570	5774	35	0.15259	10	4	3.00	2	3	17060	0.28815	0.60447	31.77353	2603.1854

5572	256	25	0.10010	2	10	1.00	3	3	6413	0.24548	0.10906	24.46635	641.9413
5572	282	25	0.12863	2	10	1.00	2	3	655	0.30939	0.01114	24.94442	84.25265
5572	5570	45	0.15682	10	3	3.00	3	3	21902	0.24213	0.73037	38.85909	3434.67164
5572	5574	45	0.17784	10	3	3.00	2	3	19011	0.26378	0.63394	40.45163	3380.91624
5574	5572	45	0.17784	10	3	3.00	3	3	23303	0.28165	0.77709	37.88527	4144.20552
5574	5576	45	0.17595	10	3	3.00	2	3	21751	0.27100	0.72532	38.95530	3827.08845
5574	5626	40	0.09972	10	3	3.00	3	3	20175	0.16884	0.67278	35.43802	2011.851
5574	5728	40	0.10341	10	3	3.00	2	3	18010	0.17065	0.60056	36.35742	1862.4141
5576	260	25	0.09825	2	10	1.00	3	3	2597	0.23789	0.04417	24.78108	255.15525
5576	287	25	0.09753	2	10	1.00	2	3	2729	0.23625	0.04641	24.77008	266.15937
5576	5574	45	0.17595	10	3	3.00	3	3	22207	0.27307	0.74053	38.66037	3907.32165
5576	5578	45	0.17028	10	3	3.00	2	3	19740	0.25481	0.65825	40.09430	3361.3272
5578	287	25	0.17027	2	10	1.00	2	3	1065	0.41014	0.01811	24.90976	181.33755
5578	5576	45	0.17028	10	3	3.00	2	3	22404	0.26517	0.74711	38.52794	3814.95312
5578	5580	45	0.24312	10	3	3.00	2	3	18024	0.35668	0.60104	40.89602	4381.99488
5578	5600	35	0.11368	10	5	1.00	3	3	3232	0.20413	0.39258	33.41274	367.41376
5580	5578	45	0.24312	10	3	3.00	3	3	20768	0.36889	0.69253	39.54278	5049.11616
5580	5582	45	0.15314	10	3	3.00	3	3	27513	0.27250	0.91748	33.71846	4213.34082
5580	5714	40	0.21421	10	3	3.00	2	3	12669	0.33843	0.42248	37.97714	2713.82649
5580	5950	40	0.03830	10	3	3.00	3	3	22504	0.06723	0.75043	34.18670	861.9032
5582	262	25	0.07184	2	10	1.00	3	3	842	0.17292	0.01433	24.92857	60.48928
5582	294	25	0.11441	2	10	1.00	2	3	2457	0.27687	0.04178	24.79284	281.10537
5582	5580	45	0.15314	10	3	3.00	3	3	28258	0.28084	0.94230	32.71697	4327.43012
5582	5584	45	0.24500	10	3	3.00	3	3	27584	0.43714	0.91982	33.62790	6758.08
5584	140	25	0.07799	2	10	1.00	1	3	3126	0.18916	0.05316	24.73697	243.79674
5584	296	25	0.15092	2	10	1.00	2	3	1290	0.36380	0.02195	24.89075	194.6868
5584	5582	45	0.24500	10	3	3.00	3	3	28421	0.45254	0.94776	32.48373	6963.145
5584	5586	45	0.11863	10	3	3.00	2	0	26571	0.20421	0.88605	34.85504	3152.11773
5586	5584	45	0.11863	10	3	3.00	2	0	26949	0.20682	0.89866	34.41546	3196.95987
5586	6011	45	0.15398	10	3	3.00	2	3	17043	0.22370	0.56831	41.29843	2624.28114
5588	141	25	0.07456	2	10	1.00	1	0	531	0.17926	0.00902	24.95497	39.59136
5590	268	25	0.13082	2	10	1.00	3	0	319	0.31432	0.00542	24.97291	41.73158
5592	5594	40	0.33098	10	4	2.00	3	0	4442	0.50811	0.23608	39.08401	1470.21316
5594	142	25	0.12059	2	10	1.00	3	3	1110	0.29051	0.01887	24.90600	133.8549
5594	268	25	0.22087	2	10	1.00	3	3	381	0.53077	0.00647	24.96768	84.15147
5594	5592	40	0.33098	10	4	2.00	3	0	3758	0.50589	0.19971	39.25531	1243.82284
5594	5596	40	0.20375	10	4	2.00	3	3	5297	0.31465	0.28152	38.85232	1079.26375
5596	267	25	0.10181	2	10	1.00	3	3	494	0.24474	0.00839	24.95810	50.29414
5596	5594	40	0.20375	10	4	2.00	3	3	4613	0.31315	0.24516	39.03933	939.89875
5596	5598	40	0.12584	10	4	2.00	3	3	5647	0.19484	0.30014	38.75119	710.61848
5598	5596	40	0.12584	10	4	2.00	3	3	4963	0.19387	0.26378	38.94526	624.54392
5598	5600	35	0.20699	10	5	1.00	3	3	2420	0.36596	0.29397	33.93699	500.9158
5598	5602	40	0.14226	10	3	3.00	3	3	25442	0.26639	0.84840	32.04057	3619.37892
5598	5950	40	0.11518	10	3	3.00	3	3	23260	0.20504	0.77565	33.70456	2679.0868
5600	261	25	0.11276	2	10	1.00	3	3	1816	0.27230	0.03088	24.84656	204.77216
5600	5578	35	0.11368	10	5	1.00	3	3	3162	0.20383	0.38414	33.46212	359.45616
5600	5598	35	0.20699	10	5	1.00	3	3	2489	0.36640	0.30241	33.89627	515.19811
5601	5607	35	0.17168	10	5	1.00	0	3	1821	0.30065	0.22118	34.26116	312.62928
5601	5608	45	0.22983	10	3	3.00	3	3	24354	0.37227	0.81211	37.04218	5597.27982
5601	5610	45	0.17120	10	3	3.00	3	3	22706	0.26806	0.75718	38.31954	3887.2672
5602	264	25	0.15844	2	10	1.00	3	3	2604	0.38364	0.04429	24.78050	412.57776
5602	887	20	0.14331	3	10	3.00	0	3	574	0.43021	0.00325	19.98700	82.25994
5602	5598	40	0.14226	10	3	3.00	3	3	25955	0.27029	0.86550	31.57885	3692.3583
5602	5604	40	0.27274	10	3	3.00	3	3	25733	0.51488	0.85810	31.78229	7018.41842
5603	3352	45	0.06696	10	4	2.00	0	3	4316	0.09130	0.22938	44.00599	288.99936
5603	5609	45	0.10301	10	4	2.00	0	3	4437	0.14056	0.23581	43.97095	457.05537
5604	5602	40	0.27274	10	3	3.00	3	3	26246	0.52277	0.87520	31.30298	7158.33404
5604	5606	40	0.04619	10	3	3.00	3	3	24475	0.08441	0.81617	32.83302	1130.50025

5604	5628	40	0.13374	10	4	2.00	3	3	3800	0.20447	0.20196	39.24504	508.212
5605	890	20	0.14493	3	10	3.00	0	3	67	0.43482	0.00038	19.99849	9.71031
5605	891	20	0.11545	3	10	3.00	0	3	456	0.34652	0.00258	19.98967	52.6452
5605	5611	35	0.23971	10	5	1.00	0	3	797	0.41423	0.09684	34.72222	191.04887
5605	5623	35	0.18396	10	5	1.00	0	3	790	0.31785	0.09595	34.72515	145.3284
5606	263	25	0.15418	2	10	1.00	3	3	241	0.37034	0.00411	24.97949	37.15738
5606	5604	40	0.04619	10	3	3.00	3	3	25376	0.08635	0.84620	32.09759	1172.11744
5606	5608	40	0.16718	10	3	3.00	3	3	24236	0.30383	0.80821	33.01475	4051.77448
5607	5601	35	0.17168	10	5	1.00	0	3	1832	0.30070	0.22253	34.25557	314.51776
5607	5625	35	0.29920	10	5	1.00	0	3	1821	0.52397	0.22118	34.26116	544.8432
5608	5601	45	0.22983	10	3	3.00	3	3	22674	0.35965	0.75611	38.34199	5211.16542
5608	5606	40	0.16718	10	3	3.00	3	3	25139	0.31056	0.83831	32.29916	4202.73802
5608	25044	35	0.15319	10	4	2.00	3	3	2163	0.26518	0.11497	34.66115	331.34997
5609	890	20	0.14109	3	10	3.00	0	3	383	0.42346	0.00217	19.99131	54.03747
5609	5603	45	0.10301	10	4	2.00	0	3	4316	0.14045	0.22938	44.00599	444.59116
5609	5611	45	0.12927	10	4	2.00	0	3	4541	0.17651	0.24136	43.94040	587.01507
5610	884	20	0.08804	3	10	3.00	0	3	603	0.26431	0.00342	19.98634	53.08812
5610	5561	45	0.12542	10	3	3.00	3	3	22940	0.19723	0.76496	38.15347	2877.1348
5610	5601	45	0.17120	10	3	3.00	3	3	24374	0.27744	0.81281	37.02426	4172.8288
5611	893	20	0.16524	3	10	3.00	0	3	538	0.49601	0.00305	19.98780	88.89912
5611	5605	35	0.23971	10	5	1.00	0	3	816	0.41432	0.09912	34.71465	195.60336
5611	5609	45	0.12927	10	4	2.00	0	3	4418	0.17637	0.23481	43.97644	571.11486
5611	5613	45	0.09620	10	4	2.00	0	3	4061	0.13095	0.21584	44.07837	390.6682
5612	5561	45	0.13195	10	3	3.00	3	3	25927	0.22267	0.86458	35.55500	3421.06765
5612	5563	45	0.10312	10	3	3.00	0	3	30354	0.21084	1.01220	29.34483	3130.10448
5612	5619	45	0.09999	10	4	2.00	0	3	7424	0.13971	0.39455	42.94423	742.32576
5613	891	20	0.25134	3	10	3.00	0	3	594	0.75454	0.00337	19.98653	149.29596
5613	892	20	0.08241	3	10	3.00	0	3	437	0.24735	0.00248	19.99010	36.01317
5613	3348	45	0.14192	10	4	2.00	0	3	4777	0.19410	0.25387	43.87022	677.95184
5613	5611	45	0.09620	10	4	2.00	0	3	3957	0.13086	0.21029	44.10751	380.6634
5614	270	25	0.10485	2	10	1.00	3	3	1558	0.25296	0.02650	24.86820	163.3563
5614	5557	45	0.18963	10	3	3.00	0	3	9382	0.26147	0.31285	43.51484	1779.10866
5614	8906	45	0.21410	10	3	3.00	3	3	8737	0.29430	0.29134	43.64940	1870.5917
5614	25041	35	0.13498	10	5	1.00	0	3	5414	0.25965	0.65773	31.19063	730.78172
5615	883	20	0.22655	3	10	3.00	0	3	1515	0.68081	0.00859	19.96571	343.22325
5615	3348	45	0.25857	10	4	2.00	0	3	4999	0.35419	0.26569	43.80235	1292.59143
5615	3349	40	0.11030	10	5	1.00	0	3	474	0.16617	0.05759	39.82644	52.2822
5615	5621	45	0.08354	10	4	2.00	0	3	6532	0.11580	0.34713	43.28761	545.68328
5616	253	25	0.07651	2	10	1.00	3	3	1622	0.18465	0.02758	24.86284	124.09922
5616	5618	40	0.18035	10	3	3.00	3	3	27100	0.35559	0.90368	30.43081	4887.485
5616	8906	40	0.15428	10	3	4.00	3	3	36800	0.30987	0.92036	29.87288	5677.504
5616	13976	35	0.11304	10	5	1.00	0	3	4701	0.21132	0.57110	32.09541	531.40104
5618	5616	40	0.18035	10	3	3.00	3	3	31340	0.44314	1.04510	24.41859	5652.169
5618	5622	40	0.18271	10	3	3.00	3	3	17726	0.30065	0.59111	36.46399	3238.71746
5618	5634	35	0.13129	10	4	2.00	3	3	10836	0.24577	0.57588	32.05117	1422.65844
5618	15250	35	0.10915	10	4	2.00	3	3	1702	0.18850	0.09044	34.74331	185.7733
5619	880	20	0.07415	3	10	3.00	0	3	561	0.22260	0.00318	19.98728	41.59815
5619	885	20	0.16635	3	10	3.00	0	3	193	0.49915	0.00110	19.99561	32.10555
5619	5612	45	0.09999	10	4	2.00	0	3	7603	0.13995	0.40408	42.87081	760.22397
5619	5621	45	0.47275	10	4	2.00	0	3	7363	0.66014	0.39132	42.96879	3480.85825
5620	15250	35	0.12124	10	4	2.00	3	3	1018	0.20868	0.05410	34.85896	123.42232
5620	25043	35	0.11286	10	5	1.00	0	3	2134	0.19860	0.25919	34.09766	240.84324
5620	25044	35	0.11611	10	4	2.00	3	3	1838	0.20066	0.09769	34.71940	213.41018
5621	881	20	0.23051	3	10	3.00	0	3	1678	0.69285	0.00951	19.96202	386.79578
5621	5615	45	0.08354	10	4	2.00	0	3	6341	0.11562	0.33700	43.35645	529.72714
5621	5619	45	0.47275	10	4	2.00	0	3	7554	0.66133	0.40145	42.89124	3571.1535
5622	257	25	0.11802	2	10	1.00	3	3	29	0.28329	0.00050	24.99752	3.42258
5622	259	25	0.05814	2	10	1.00	3	3	3690	0.14128	0.06275	24.69012	214.5366

5622	5618	40	0.18271	10	3	3.00	3	3	21236	0.31405	0.70815	34.90736	3880.02956
5622	5624	40	0.13531	10	3	3.00	3	3	17647	0.22248	0.58848	36.49314	2387.81557
5623	889	20	0.05952	3	10	3.00	0	3	417	0.17865	0.00236	19.99055	24.81984
5623	5605	35	0.18396	10	5	1.00	0	3	779	0.31781	0.09461	34.72961	143.30484
5623	5625	35	0.20702	10	5	1.00	0	3	915	0.35823	0.11115	34.67417	189.4233
5624	5622	40	0.13531	10	3	3.00	3	3	21157	0.23231	0.70553	34.94875	2862.75367
5624	5626	40	0.18376	10	3	3.00	3	3	19048	0.30677	0.63519	35.94128	3500.26048
5624	5628	40	0.18370	10	4	2.00	3	3	3826	0.28089	0.20332	39.23884	702.8362
5624	5640	40	0.15133	10	4	2.00	3	3	6057	0.23505	0.32189	38.62803	916.60581
5625	886	20	0.05279	3	10	3.00	0	3	1430	0.15864	0.00811	19.96762	75.4897
5625	5607	35	0.29920	10	5	1.00	0	3	1832	0.52406	0.22253	34.25557	548.1344
5625	5623	35	0.20702	10	5	1.00	0	3	904	0.35818	0.10980	34.67875	187.14608
5626	256	25	0.18182	2	10	1.00	3	3	201	0.43666	0.00342	24.98293	36.54582
5626	260	25	0.14006	2	10	1.00	3	3	3623	0.34029	0.06162	24.69563	507.43738
5626	5574	40	0.09972	10	3	3.00	3	3	21468	0.17202	0.71589	34.78287	2140.78896
5626	5624	40	0.18376	10	3	3.00	3	3	21766	0.31849	0.72582	34.61856	3999.72016
5628	263	25	0.15865	2	10	1.00	3	3	413	0.38130	0.00703	24.96491	65.52245
5628	5604	40	0.13374	10	4	2.00	3	3	3412	0.20399	0.18136	39.33743	456.32088
5628	5624	40	0.18370	10	4	2.00	3	3	4218	0.28159	0.22417	39.14138	774.8466
5630	250	25	0.16269	2	10	1.00	3	3	2276	0.39348	0.03871	24.80793	370.28244
5630	256	25	0.14477	2	10	1.00	3	3	6005	0.35453	0.10212	24.49961	869.34385
5630	5570	35	0.06885	10	4	3.00	3	3	16571	0.12933	0.58711	31.94474	1140.91335
5630	5632	35	0.20317	10	4	3.00	3	3	11581	0.36601	0.41032	33.30586	2352.91177
5632	5630	35	0.20317	10	4	3.00	3	3	11497	0.36581	0.40734	33.32409	2335.84549
5632	5634	35	0.14195	10	4	2.00	3	3	10090	0.26285	0.53623	32.40172	1432.2755
5632	5638	40	0.14149	10	4	2.00	3	3	11759	0.23537	0.62493	36.06905	1663.78091
5632	5640	40	0.14545	10	4	2.00	3	3	12172	0.24384	0.64689	35.79074	1770.4174
5634	257	25	0.11674	2	10	1.00	3	3	1570	0.28168	0.02671	24.86718	183.2818
5634	5618	35	0.13129	10	4	2.00	3	3	11508	0.24849	0.61159	31.70075	1510.88532
5634	5632	35	0.14195	10	4	2.00	3	3	9287	0.26014	0.49359	32.73999	1318.28965
5636	139	25	0.08716	2	10	1.00	1	3	1353	0.21014	0.02300	24.88551	117.92748
5636	5638	40	0.15272	10	4	2.00	3	3	12066	0.25550	0.64128	35.86361	1842.71952
5636	8914	40	0.29518	10	4	2.00	1	3	11942	0.49268	0.63469	35.94758	3525.03956
5638	251	25	0.08464	2	10	1.00	3	3	2501	0.20487	0.04253	24.78913	211.68464
5638	5632	40	0.14149	10	4	2.00	3	3	12252	0.23757	0.65117	35.73430	1733.53548
5638	5636	40	0.15272	10	4	2.00	3	3	11572	0.25321	0.61503	36.18866	1767.27584
5640	256	25	0.17233	2	10	1.00	3	3	7429	0.42403	0.12634	24.38389	1280.23957
5640	257	25	0.08739	2	10	1.00	3	3	1574	0.21086	0.02677	24.86687	137.55186
5640	5624	40	0.15133	10	4	2.00	3	3	6456	0.23582	0.34313	38.50221	976.98648
5640	5632	40	0.14545	10	4	2.00	3	3	12396	0.24493	0.65882	35.63161	1802.9982
5642	139	25	0.07317	2	10	1.00	1	3	717	0.17605	0.01220	24.93916	52.46289
5642	5564	25	0.17600	10	5	1.00	1	3	1200	0.42787	0.14577	24.68066	211.2
5642	5644	30	0.13375	10	5	1.00	1	3	1579	0.27233	0.19181	29.46827	211.19125
5644	1294	25	0.12133	2	10	1.00	1	3	198	0.29139	0.00337	24.98316	24.02334
5644	5642	30	0.13375	10	5	1.00	1	3	1761	0.27303	0.21389	29.39242	235.53375
5644	5646	30	0.15378	10	5	1.00	1	3	1279	0.31185	0.15538	29.58679	196.68462
5644	8916	30	0.17770	10	5	1.00	1	3	1646	0.36216	0.20001	29.44046	292.4942
5646	135	25	0.09258	2	10	1.00	1	3	23	0.22221	0.00039	24.99806	2.12934
5646	136	25	0.08977	2	10	1.00	1	3	549	0.21586	0.00934	24.95341	49.28373
5646	5560	25	0.06705	10	5	1.00	1	3	759	0.16212	0.09215	24.81265	50.89095
5646	5644	30	0.15378	10	5	1.00	1	3	1414	0.31240	0.17172	29.53458	217.44492
5648	212	25	0.07625	2	10	1.00	4	3	164	0.18310	0.00279	24.98607	12.505
5648	221	25	0.07684	2	10	1.00	4	3	1759	0.18553	0.02992	24.85130	135.16156
5648	5650	45	0.27108	10	3	3.00	4	3	31269	0.58903	1.04270	27.61325	8476.40052
5648	8748	45	0.07437	10	3	3.00	4	3	28987	0.14104	0.96663	31.63859	2155.76319
5650	211	25	0.10824	2	10	1.00	4	3	7708	0.26659	0.13108	24.36132	834.31392
5650	1230	25	0.17834	2	10	1.00	4	3	4042	0.43390	0.06874	24.66096	720.85028
5650	5648	45	0.27108	10	3	3.00	4	3	29212	0.51987	0.97412	31.28652	7918.78896

5650	5651	45	0.18906	10	3	3.00	4	3	31918	0.43128	1.06435	26.30126	6034.41708
5651	5650	45	0.18906	10	3	3.00	4	3	29861	0.37544	0.99577	30.21334	5645.52066
5651	5652	45	0.02496	10	3	3.00	4	3	31918	0.05693	1.06435	26.30126	796.67328
5652	5554	35	0.21258	10	6	2.00	4	3	8600	0.37998	0.36566	33.56706	1828.188
5652	5651	45	0.02496	10	3	3.00	4	3	29861	0.04956	0.99577	30.21334	745.33056
5652	5653	45	0.03519	10	3	3.00	4	3	27481	0.06254	0.91640	33.75996	967.05639
5653	5652	45	0.03519	10	3	3.00	4	3	24098	0.05667	0.80360	37.25715	848.00862
5653	5655	45	0.11154	10	3	3.00	4	3	27481	0.19823	0.91640	33.75996	3065.23074
5653	5659	25	0.03000	10	6	1.00	4	0	12025	0.11259	1.02254	15.98597	360.75
5654	5655	35	0.04326	10	6	1.00	4	3	12783	0.13418	1.08701	19.34592	552.99258
5654	5657	35	0.07908	10	6	1.00	4	3	4034	0.14083	0.34299	33.69017	319.00872
5655	3459	45	0.14923	10	3	3.00	4	3	30531	0.30853	1.01809	29.02204	4556.14113
5655	5653	45	0.11154	10	3	3.00	4	3	36123	0.38039	1.20459	17.59353	4029.15942
5655	5654	35	0.04326	10	6	1.00	4	3	4034	0.07705	0.34299	33.69017	174.51084
5655	5656	35	0.13791	10	6	1.00	4	0	2465	0.24118	0.20959	34.30869	339.94815
5656	25169	63	0.02821	10	1	3.00	4	0	59788	0.03372	0.84734	50.19401	1686.61948
5657	5656	63	0.21178	10	1	3.00	4	0	57324	0.24670	0.81241	51.50540	12140.07672
5658	5652	35	0.13228	10	6	1.00	4	3	9926	0.28211	0.84408	28.13328	1313.01128
5658	5659	63	0.10065	10	1	3.00	4	0	48697	0.10967	0.69015	55.06320	4901.35305
5659	5554	63	0.23154	10	1	3.00	4	0	60722	0.27979	0.86057	49.65426	14059.57188
5660	328	25	0.22084	2	10	1.00	1	3	4124	0.53745	0.07013	24.65419	910.74416
5660	5663	40	0.17742	10	3	2.00	1	3	21064	0.44421	1.05360	23.96489	3737.17488
5660	6003	40	0.06367	10	3	2.00	6	3	6268	0.09878	0.31353	38.67598	399.08356
5660	9079	45	0.24798	10	3	2.00	6	3	19151	0.46444	0.95792	32.03595	4749.06498
5661	3470	45	0.10761	11	3	3.00	0	0	13781	0.15225	0.45955	42.40940	1482.97341
5662	8752	45	0.12310	10	3	3.00	4	3	27432	0.21837	0.91476	33.82248	3376.8792
5662	8754	45	0.19593	10	3	3.00	4	3	26629	0.33792	0.88800	34.78847	5217.41997
5662	8884	30	0.05046	10	5	1.00	4	3	3264	0.10579	0.39647	28.61974	164.70144
5663	5660	40	0.17742	10	3	2.00	1	3	21032	0.44266	1.05203	24.04917	3731.49744
5663	9089	40	0.08447	10	3	2.00	1	3	21064	0.21149	1.05360	23.96489	1779.27608
5664	95	25	0.11480	2	10	1.00	1	3	2628	0.27799	0.04470	24.77849	301.6944
5664	96	25	0.03983	2	10	1.00	1	3	1917	0.09621	0.03261	24.83801	76.35411
5664	5666	40	0.13585	10	3	3.00	1	3	23966	0.24540	0.79918	33.21413	3255.7811
5664	8934	40	0.22011	10	3	2.00	1	3	21820	0.60418	1.09143	21.85838	4802.8002
5666	5664	40	0.13585	10	3	3.00	1	3	23642	0.24371	0.78838	33.44454	3211.7657
5666	5668	40	0.11856	10	3	3.00	1	3	32121	0.30925	1.07114	23.00297	3808.26576
5666	5764	40	0.07841	10	3	2.00	1	3	17315	0.14906	0.86611	31.56177	1357.66915
5666	5864	40	0.14736	10	3	2.00	1	3	20595	0.35096	1.03018	25.19288	3034.8792
5668	108	25	0.03900	2	10	1.00	1	3	1301	0.09402	0.02213	24.88986	50.739
5668	5666	40	0.11856	10	3	3.00	1	3	32405	0.31654	1.08060	22.47279	3841.9368
5668	5670	40	0.07275	10	3	3.00	1	3	32127	0.18985	1.07133	22.99273	2337.23925
5670	105	25	0.23242	2	10	1.00	1	3	420	0.55860	0.00715	24.96430	97.6164
5670	109	25	0.30678	2	10	1.00	1	3	238	0.73687	0.00405	24.97978	73.01364
5670	5668	40	0.07275	10	3	3.00	1	3	32330	0.19304	1.07811	22.61294	2352.0075
5670	5672	40	0.29643	10	3	3.00	1	3	31886	0.75888	1.06331	23.43644	9451.96698
5671	110	25	0.10410	2	10	1.00	1	3	941	0.25064	0.01601	24.92022	97.9581
5671	5672	25	0.16083	10	5	1.00	1	3	1409	0.39204	0.17112	24.61379	226.60947
5671	5673	25	0.08666	10	5	1.00	1	3	1296	0.21093	0.15742	24.65029	112.31136
5672	5670	40	0.29643	10	3	3.00	1	3	32088	0.77110	1.07003	23.06514	9511.84584
5672	5671	25	0.16083	10	5	1.00	1	3	1417	0.39208	0.17211	24.61110	227.89611
5672	5951	30	0.11606	10	5	1.00	1	3	3063	0.24229	0.37207	28.74099	355.49178
5672	10903	40	0.25324	10	3	3.00	1	0	34541	0.82533	1.15183	18.41053	8747.16284
5673	5671	25	0.08666	10	5	1.00	1	3	1288	0.21091	0.15643	24.65292	111.61808
5673	5677	25	0.15881	10	5	1.00	1	3	667	0.38363	0.08105	24.83849	105.92627
5673	5839	25	0.24280	10	5	1.00	1	3	629	0.58626	0.07638	24.84921	152.7212
5674	5675	63	0.25736	10	1	3.00	1	0	87622	0.65924	1.24180	23.42364	22550.39792
5674	5931	30	0.23199	10	6	2.00	1	3	16158	0.52676	0.68698	26.42403	3748.49442
5674	7140	65	0.02705	2	9	1.00	0	0	0	0.02496	0.00000	65.03497	0

5675	5676	63	0.25991	10	1	3.00	1	0	90681	0.75186	1.28517	20.74097	23568.89871
5676	13887	63	0.08812	23	1	4.00	901	0	104619	0.15769	1.11202	33.52939	9219.02628
5677	111	25	0.07187	2	10	1.00	1	3	807	0.17297	0.01372	24.93159	57.99909
5677	5673	25	0.15881	10	5	1.00	1	3	621	0.38343	0.07548	24.85126	98.62101
5677	5678	25	0.15292	10	5	1.00	1	3	970	0.37070	0.11789	24.75082	148.3324
5678	5677	25	0.15292	10	5	1.00	1	3	925	0.37050	0.11232	24.76442	141.451
5678	5679	25	0.11185	10	5	1.00	1	3	1375	0.27254	0.16709	24.62462	153.79375
5678	5681	25	0.13108	10	5	1.00	1	3	1129	0.31838	0.13711	24.70283	147.98932
5679	1298	25	0.07411	2	10	1.00	1	3	356	0.17807	0.00606	24.96973	26.38316
5679	5678	25	0.11185	10	5	1.00	1	3	1314	0.27232	0.15966	24.64440	146.9709
5679	5760	25	0.19845	10	5	1.00	1	3	1593	0.48498	0.19346	24.55225	316.13085
5680	5682	45	0.19018	10	3	3.00	2	0	19582	0.28403	0.65300	40.17378	3724.10476
5680	6011	45	0.15407	10	3	3.00	2	3	15973	0.22170	0.53264	41.69786	2460.96011
5680	9564	35	0.01705	10	5	1.00	3	3	3382	0.03071	0.41079	33.30297	57.6631
5680	9570	35	0.01155	10	5	1.00	3	0	1311	0.02009	0.15920	34.50384	15.14205
5681	5678	25	0.13108	10	5	1.00	1	3	1144	0.31844	0.13898	24.69807	149.95552
5681	5683	25	0.29881	10	5	1.00	1	3	1129	0.72578	0.13711	24.70283	337.35649
5682	5680	45	0.19018	10	3	3.00	2	0	19026	0.28213	0.63447	40.44419	3618.36468
5682	5684	45	0.18731	10	3	3.00	2	0	19220	0.27852	0.64091	40.35184	3600.0982
5682	5702	40	0.09186	10	3	2.00	2	0	10381	0.14820	0.51927	37.18940	953.59866
5682	5740	40	0.20772	10	3	2.00	2	0	11642	0.34090	0.58235	36.56030	2418.27624
5683	113	25	0.17314	2	10	1.00	1	3	1386	0.41749	0.02358	24.88266	239.97204
5683	5681	25	0.29881	10	5	1.00	1	3	1144	0.72592	0.13898	24.69807	341.83864
5683	5685	25	0.13283	10	5	1.00	1	3	356	0.31977	0.04330	24.92285	47.28748
5684	305	25	0.06728	2	10	1.00	2	3	2506	0.16285	0.04263	24.78867	168.60368
5684	5682	45	0.18731	10	3	3.00	2	0	19056	0.27798	0.63544	40.43036	3569.37936
5684	5686	45	0.13024	10	3	3.00	2	3	19053	0.19327	0.63534	40.43176	2481.46272
5685	5683	25	0.13283	10	5	1.00	1	3	358	0.31978	0.04355	24.92232	47.55314
5685	5687	25	0.35117	10	5	1.00	1	3	356	0.84541	0.04330	24.92285	125.01652
5685	5759	25	0.17623	10	5	1.00	1	3	0	0.42272	0.00000	25.01345	0
5686	5684	45	0.13024	10	3	3.00	2	3	18881	0.19289	0.62962	40.51240	2459.06144
5686	5688	45	0.07275	10	3	3.00	2	3	19053	0.10796	0.63534	40.43176	1386.10575
5687	5685	25	0.35117	10	5	1.00	1	3	358	0.84543	0.04355	24.92232	125.71886
5687	5689	25	0.21646	10	5	1.00	1	3	652	0.52280	0.07926	24.84260	141.13192
5687	5823	25	0.17284	10	5	1.00	1	3	289	0.41581	0.03514	24.94040	49.95076
5688	5686	45	0.07275	10	3	3.00	2	3	18881	0.10775	0.62962	40.51240	1373.59275
5688	5690	45	0.08033	10	3	3.00	2	3	27857	0.14487	0.92894	33.26812	2237.75281
5688	5705	40	0.16832	10	4	1.00	2	3	7124	0.29650	0.75722	34.06113	1199.11168
5688	5726	40	0.12822	10	3	2.00	2	3	16668	0.23735	0.83374	32.41304	2137.17096
5689	115	25	0.11036	2	10	1.00	1	3	186	0.26504	0.00316	24.98419	20.52696
5689	5687	25	0.21646	10	5	1.00	1	3	612	0.52257	0.07439	24.85375	132.47352
5689	5824	20	0.13375	10	5	1.00	1	3	849	0.40469	0.10309	19.82936	113.55375
5690	304	25	0.08788	2	10	1.00	2	3	422	0.21121	0.00718	24.96417	37.08536
5690	5688	45	0.08033	10	3	3.00	2	3	27503	0.14288	0.91714	33.73142	2209.31599
5690	5692	45	0.22805	9	3	3.00	100	3	27901	0.41203	0.93042	33.20842	6362.82305
5692	125	25	0.30468	1	10	1.00	100	0	326	0.73205	0.00554	24.97234	99.32568
5692	5690	45	0.22805	9	3	3.00	100	3	27547	0.40631	0.91859	33.67564	6282.09335
5692	5694	45	0.16080	9	3	3.00	100	3	27718	0.28839	0.92429	33.45333	4457.0544
5694	309	25	0.06432	2	10	1.00	2	3	247	0.15450	0.00420	24.97901	15.88704
5694	5692	45	0.16080	9	3	3.00	100	3	27363	0.28452	0.91247	33.90911	4399.9704
5694	5696	45	0.13543	9	3	3.00	100	3	27663	0.24239	0.92248	33.52426	3746.40009
5696	5694	45	0.13543	9	3	3.00	100	3	27309	0.23916	0.91066	33.97685	3698.45787
5696	5698	45	0.27524	9	3	3.00	100	0	26732	0.47631	0.89141	34.67096	7357.71568
5696	5712	40	0.18445	10	5	1.00	2	0	3409	0.29096	0.41412	38.03697	628.79005
5696	5742	40	0.38152	9	4	1.00	100	0	6955	0.66569	0.73928	34.38691	2653.4716
5698	5696	45	0.27524	9	3	3.00	100	0	26439	0.47179	0.88165	35.00313	7277.07036
5701	306	25	0.14301	2	10	1.00	2	3	520	0.34384	0.00885	24.95583	74.3652
5701	5703	35	0.17604	10	5	1.00	2	3	368	0.30275	0.04476	34.88755	64.78272

5701	5704	35	0.16579	10	5	1.00	2	3	895	0.28681	0.10878	34.68222	148.38205
5702	305	25	0.16686	2	10	1.00	2	0	186	0.40072	0.00316	24.98422	31.03596
5702	5682	40	0.09186	10	3	2.00	2	0	10485	0.14839	0.52447	37.14145	963.1521
5702	5704	40	0.06310	10	3	2.00	2	0	10543	0.10200	0.52737	37.11444	665.2633
5703	306	25	0.08804	2	10	1.00	2	3	266	0.21149	0.00453	24.97739	23.41864
5703	307	25	0.12663	2	10	1.00	2	3	365	0.30429	0.00621	24.96899	46.21995
5703	5701	35	0.17604	10	5	1.00	2	3	374	0.30277	0.04538	34.88568	65.83896
5703	5705	35	0.09082	10	5	1.00	2	3	412	0.15627	0.05004	34.87144	37.41784
5704	616	20	0.03096	1	10	3.00	100	0	2121	0.09311	0.01202	19.95202	65.66616
5704	3364	40	0.38466	10	4	2.00	2	0	8226	0.60947	0.43719	37.86899	3164.21316
5704	5701	35	0.16579	10	5	1.00	2	3	889	0.28679	0.10797	34.68496	147.38731
5704	5702	40	0.06310	10	3	2.00	2	0	10654	0.10215	0.53293	37.06200	672.2674
5705	308	25	0.30354	2	10	1.00	2	3	575	0.72992	0.00978	24.95119	174.5355
5705	5688	40	0.16832	10	4	1.00	2	3	7084	0.29580	0.75293	34.14084	1192.37888
5705	5703	35	0.09082	10	5	1.00	2	3	417	0.15628	0.05069	34.86944	37.87194
5705	5706	40	0.13715	10	4	1.00	2	3	6491	0.23385	0.68993	35.18820	890.24065
5706	307	25	0.09852	2	10	1.00	2	3	146	0.23655	0.00248	24.98760	14.38392
5706	5705	40	0.13715	10	4	1.00	2	3	6456	0.23348	0.68621	35.24351	885.4404
5706	5708	40	0.07990	10	4	1.00	2	3	6623	0.13707	0.70396	34.97334	529.1777
5708	5706	40	0.07990	10	4	1.00	2	3	6589	0.13685	0.70039	35.02903	526.4611
5708	5710	40	0.33606	10	5	1.00	2	3	2783	0.52329	0.33808	38.53265	935.25498
5708	9560	40	0.13206	10	4	1.00	2	3	8593	0.26315	0.91338	30.11078	1134.79158
5710	310	25	0.14042	2	10	1.00	2	3	413	0.33748	0.00703	24.96490	57.99346
5710	5708	40	0.33606	10	5	1.00	2	3	2641	0.52192	0.32085	38.63403	887.53446
5710	5712	40	0.25884	10	5	1.00	2	0	2679	0.40226	0.32548	38.60712	693.43236
5712	311	25	0.07167	2	10	1.00	2	0	132	0.17209	0.00225	24.98875	9.46044
5712	312	25	0.33594	2	10	1.00	2	0	908	0.80874	0.01545	24.92300	305.03352
5712	5696	40	0.18445	10	5	1.00	2	0	3551	0.29191	0.43135	37.91236	654.98195
5712	5710	40	0.25884	10	5	1.00	2	0	2538	0.40124	0.30825	38.70587	656.93592
5714	5580	40	0.21421	10	3	3.00	2	3	13332	0.33990	0.44457	37.81328	2855.84772
5714	5716	40	0.20176	10	3	2.00	2	3	10329	0.32531	0.51667	37.21315	2083.97904
5714	9562	35	0.02292	10	5	1.00	3	3	1508	0.03996	0.18317	34.41327	34.56336
5714	9563	35	0.02111	10	5	1.00	3	3	2974	0.03770	0.36128	33.59135	62.78114
5716	290	25	0.09375	2	10	1.00	2	3	128	0.22510	0.00217	24.98916	12
5716	298	25	0.22804	2	10	1.00	2	3	645	0.54849	0.01097	24.94525	147.0858
5716	5714	40	0.20176	10	3	2.00	2	3	10938	0.32785	0.54712	36.92476	2206.85088
5716	5718	40	0.09191	10	3	2.00	2	3	10020	0.14764	0.50118	37.35136	920.9382
5718	5716	40	0.09191	10	3	2.00	2	3	10613	0.14871	0.53086	37.08159	975.44083
5718	5720	40	0.13413	10	3	2.00	2	3	18498	0.27095	0.92528	29.70134	2481.13674
5718	5736	40	0.13367	10	3	2.00	2	3	16927	0.24997	0.84669	32.08508	2262.63209
5718	5738	40	0.12259	10	3	2.00	2	3	10486	0.19803	0.52453	37.14088	1285.47874
5720	5718	40	0.13413	10	3	2.00	2	3	18980	0.27932	0.94939	28.81153	2545.7874
5720	5722	40	0.17726	10	3	2.00	2	3	16207	0.32269	0.81068	32.95879	2872.85282
5720	5816	30	0.14740	10	5	1.00	2	3	3235	0.30882	0.39300	28.63737	476.839
5722	299	25	0.32974	2	10	1.00	2	3	247	0.79203	0.00421	24.97899	81.44578
5722	300	25	0.05279	2	10	1.00	2	3	515	0.12693	0.00875	24.95632	27.18685
5722	301	25	0.13224	2	10	1.00	2	3	237	0.31762	0.00403	24.97984	31.34088
5722	5720	40	0.17726	10	3	2.00	2	3	16140	0.32195	0.80731	33.03477	2860.9764
5722	5724	40	0.14076	10	3	2.00	2	3	15765	0.25255	0.78857	33.44044	2219.0814
5724	5722	40	0.14076	10	3	2.00	2	3	15774	0.25262	0.78902	33.43099	2220.34824
5724	5726	40	0.17282	10	3	2.00	2	3	17196	0.32683	0.86015	31.72641	2971.81272
5724	5812	25	0.16652	10	5	1.00	2	3	2184	0.41055	0.26536	24.33568	363.67968
5726	302	25	0.15229	2	10	1.00	2	3	234	0.36579	0.00398	24.98012	35.63586
5726	303	25	0.08860	2	10	1.00	2	3	82	0.21269	0.00140	24.99302	7.2652
5726	304	25	0.09073	2	10	1.00	2	3	304	0.21798	0.00517	24.97417	27.58192
5726	5688	40	0.12822	10	3	2.00	2	3	16891	0.23943	0.84488	32.13189	2165.76402
5726	5724	40	0.17282	10	3	2.00	2	3	16975	0.32382	0.84911	32.02190	2933.6195
5728	287	25	0.20307	2	10	1.00	2	3	30	0.48742	0.00052	24.99741	6.0921

5728	5574	40	0.10341	10	3	3.00	2	3	20553	0.17599	0.68539	35.25566	2125.38573
5728	5730	40	0.14635	10	3	2.00	2	3	18046	0.28824	0.90266	30.46359	2641.0321
5728	5780	30	0.09678	10	5	1.00	2	3	1603	0.19713	0.19468	29.45858	155.13834
5730	283	25	0.08384	2	10	1.00	2	3	980	0.20187	0.01667	24.91694	82.1632
5730	5728	40	0.14635	10	3	2.00	2	3	18498	0.29564	0.92529	29.70114	2707.1823
5730	5732	40	0.15968	10	3	2.00	2	3	17329	0.30375	0.86682	31.54205	2767.09472
5732	288	25	0.09670	2	10	1.00	2	3	876	0.23277	0.01489	24.92576	84.7092
5732	5730	40	0.15968	10	3	2.00	2	3	17782	0.31027	0.88944	30.87913	2839.42976
5732	5734	40	0.19760	10	3	2.00	2	3	16845	0.36831	0.84260	32.19035	3328.572
5734	291	25	0.13343	2	10	1.00	2	3	355	0.32061	0.00603	24.96986	47.36765
5734	5732	40	0.19760	10	3	2.00	2	3	17298	0.37535	0.86522	31.58658	3418.0848
5734	5736	40	0.12719	10	3	2.00	2	3	16670	0.23546	0.83385	32.41027	2120.2573
5736	290	25	0.07633	2	10	1.00	2	3	99	0.18324	0.00169	24.99156	7.55667
5736	292	25	0.12502	2	10	1.00	2	3	280	0.30034	0.00476	24.97623	35.0056
5736	5718	40	0.13367	10	3	2.00	2	3	16471	0.24562	0.82386	32.65273	2201.67857
5736	5734	40	0.12719	10	3	2.00	2	3	17120	0.23975	0.85633	31.83010	2177.4928
5738	300	25	0.24729	2	10	1.00	2	3	112	0.59372	0.00190	24.99048	27.69648
5738	5718	40	0.12259	10	3	2.00	2	3	11054	0.19950	0.55294	36.86694	1355.10986
5738	5740	40	0.18839	10	3	2.00	2	3	10591	0.30474	0.52974	37.09216	1995.23849
5740	298	25	0.12022	2	10	1.00	2	3	564	0.28909	0.00959	24.95213	67.80408
5740	299	25	0.15714	2	10	1.00	2	3	949	0.37836	0.01614	24.91957	149.12586
5740	5682	40	0.20772	10	3	2.00	2	0	11147	0.33849	0.55756	36.82034	2315.45484
5740	5738	40	0.18839	10	3	2.00	2	3	11160	0.30705	0.55822	36.81361	2102.4324
5742	5696	40	0.38152	9	4	1.00	100	0	6751	0.65865	0.71762	34.75462	2575.64152
5742	5744	40	0.40841	10	4	1.00	2	0	6916	0.71112	0.73513	34.45943	2824.56356
5744	120	25	0.15757	1	10	1.00	100	3	603	0.37895	0.01025	24.94885	95.01471
5744	121	25	0.13327	2	10	1.00	1	3	0	0.31985	0.00000	25.00000	0
5744	5742	40	0.40841	10	4	1.00	2	0	6718	0.70390	0.71404	34.81293	2743.69838
5744	5746	40	0.25253	10	4	1.00	1	3	7627	0.45972	0.81071	32.95815	1926.04631
5744	6009	40	0.19118	10	4	1.00	2	3	551	0.28805	0.05858	39.82294	105.34018
5746	5744	40	0.25253	10	4	1.00	1	3	7414	0.45294	0.78804	33.45156	1872.25742
5746	5748	40	0.12412	10	3	1.00	1	3	10393	0.30150	1.03972	24.70145	1289.97916
5746	5824	35	0.12777	10	3	1.00	1	3	13470	0.84891	1.34752	9.03034	1721.0619
5748	117	25	0.04633	2	10	1.00	1	3	403	0.11133	0.00685	24.96580	18.67099
5748	5746	40	0.12412	10	3	1.00	1	3	10451	0.30527	1.04552	24.39654	1297.17812
5748	5750	40	0.25258	10	3	1.00	1	3	10521	0.63080	1.05249	24.02483	2657.39418
5750	5748	40	0.25258	10	3	1.00	1	3	10579	0.63915	1.05829	23.71096	2672.04382
5750	5752	40	0.26736	10	3	2.00	1	3	12263	0.44304	0.61340	36.20799	3278.63568
5750	5820	30	0.03946	10	5	1.00	1	3	3588	0.08333	0.43585	28.40928	141.58248
5750	5822	25	0.14621	10	5	1.00	1	3	808	0.35376	0.09813	24.79851	118.13768
5752	114	25	0.22128	2	10	1.00	1	3	1408	0.53362	0.02394	24.88087	311.56224
5752	5750	40	0.26736	10	3	2.00	1	3	12538	0.44509	0.62715	36.04165	3352.15968
5752	5754	40	0.15461	10	3	2.00	1	3	13672	0.26296	0.68386	35.27821	2113.82792
5754	5752	40	0.15461	10	3	2.00	1	3	13946	0.26450	0.69756	35.07253	2156.19106
5754	5756	40	0.11484	10	3	2.00	1	3	14911	0.20107	0.74586	34.26965	1712.37924
5754	5766	35	0.26980	10	4	2.00	1	3	18196	0.65825	0.96706	24.59232	4909.2808
5756	5754	40	0.11484	10	3	2.00	1	3	15765	0.20605	0.78858	33.44027	1810.4526
5756	5757	25	0.11877	10	5	1.00	1	3	1239	0.28889	0.15053	24.66834	147.15603
5756	22227	40	0.09733	10	3	2.00	1	3	13812	0.16603	0.69090	35.17368	1344.32196
5757	5756	25	0.11877	10	5	1.00	1	3	1226	0.28884	0.14891	24.67255	145.61202
5757	5759	25	0.41705	10	5	1.00	1	3	1239	1.01437	0.15053	24.66834	516.72495
5758	5760	40	0.17785	10	3	2.00	1	3	13881	0.30383	0.69431	35.12217	2468.73585
5758	22227	40	0.09403	10	3	2.00	1	3	14119	0.16148	0.70624	34.93761	1327.60957
5758	22228	25	0.01526	10	5	1.00	1	3	1024	0.03702	0.12438	24.73480	15.62624
5759	113	25	0.13622	2	10	1.00	1	3	1239	0.32829	0.02107	24.89507	168.77658
5759	5685	25	0.17623	10	5	1.00	1	3	0	0.42272	0.00000	25.01345	0
5759	5757	25	0.41705	10	5	1.00	1	3	1226	1.01419	0.14891	24.67255	511.3033
5760	5679	25	0.19845	10	5	1.00	1	3	1531	0.48457	0.18602	24.57301	303.82695

5760	5758	40	0.17785	10	3	2.00	1	3	14743	0.31004	0.73746	34.41876	2622.04255
5760	5762	40	0.15895	10	3	2.00	1	3	14955	0.27861	0.74803	34.23056	2377.09725
5762	5760	40	0.15895	10	3	2.00	1	3	15756	0.28511	0.78812	33.44995	2504.4162
5762	5764	40	0.17415	10	3	2.00	1	3	16295	0.31801	0.81510	32.85783	2837.77425
5762	5834	30	0.13791	10	5	1.00	1	3	4769	0.30149	0.57936	27.44448	657.69279
5762	5836	30	0.04413	10	5	1.00	1	3	1110	0.08930	0.13481	29.65037	48.9843
5764	97	25	0.10917	2	10	1.00	1	3	713	0.26264	0.01212	24.93954	77.83821
5764	108	25	0.11802	2	10	1.00	1	3	355	0.28360	0.00604	24.96981	41.8971
5764	5666	40	0.07841	10	3	2.00	1	3	16190	0.14266	0.80982	32.97827	1269.4579
5764	5762	40	0.17415	10	3	2.00	1	3	17341	0.33144	0.86738	31.52620	3019.93515
5766	5754	35	0.26980	10	4	2.00	1	3	17616	0.63125	0.93624	25.64389	4752.7968
5766	5768	35	0.08409	10	4	2.00	1	3	16774	0.18711	0.89147	26.96463	1410.52566
5766	5798	34	0.22955	10	5	1.00	1	3	3069	0.42290	0.37286	32.56881	704.48895
5768	90	25	0.12064	2	10	1.00	1	3	288	0.28983	0.00490	24.97550	34.74432
5768	131	25	0.15494	2	10	1.00	1	3	127	0.37201	0.00216	24.98920	19.67738
5768	5766	35	0.08409	10	4	2.00	1	3	16869	0.18808	0.89655	26.82611	1418.51421
5768	5770	35	0.16652	10	4	2.00	1	3	16774	0.37053	0.89146	26.96494	2793.20648
5770	5768	35	0.16652	10	4	2.00	1	3	16845	0.37196	0.89527	26.86124	2805.0294
5770	5772	35	0.06521	10	4	2.00	1	3	16970	0.14667	0.90191	26.67695	1106.6137
5770	5782	30	0.17788	10	5	1.00	1	3	627	0.35792	0.07621	29.81952	111.53076
5772	5770	35	0.06521	10	4	2.00	1	3	17007	0.14697	0.90385	26.62222	1109.02647
5772	5800	35	0.05186	10	4	2.00	1	3	16790	0.11549	0.89235	26.94073	870.7294
5772	5854	23	0.17425	10	5	1.00	1	3	637	0.45738	0.07737	22.85919	110.99725
5774	5570	35	0.15259	10	4	3.00	2	3	18234	0.29226	0.64605	31.32650	2782.32606
5774	5776	30	0.07754	10	5	1.00	1	3	737	0.15621	0.08952	29.78258	57.14698
5774	5778	30	0.11029	10	5	1.00	2	3	2683	0.22855	0.32593	28.95338	295.90807
5774	5802	35	0.12070	10	4	2.00	1	3	16453	0.26422	0.87443	27.40982	1985.8771
5776	85	25	0.21194	2	10	1.00	1	3	737	0.50993	0.01254	24.93746	156.19978
5776	5568	25	0.11147	10	5	1.00	1	3	584	0.26902	0.07091	24.86168	65.09848
5776	5774	30	0.07754	10	5	1.00	1	3	1419	0.15754	0.17237	29.53250	110.02926
5778	281	25	0.03272	2	10	1.00	2	3	3010	0.07933	0.05119	24.74664	98.4872
5778	5774	30	0.11029	10	5	1.00	2	3	2405	0.22743	0.29211	29.09643	265.24745
5778	5780	30	0.15710	10	5	1.00	2	3	1020	0.31756	0.12396	29.68301	160.242
5780	282	25	0.04021	2	10	1.00	2	3	1149	0.09687	0.01954	24.90268	46.20129
5780	5728	30	0.09678	10	5	1.00	2	3	1024	0.19564	0.12435	29.68183	99.10272
5780	5778	30	0.15710	10	5	1.00	2	3	742	0.31652	0.09014	29.78084	116.5682
5782	132	25	0.08811	2	10	1.00	1	3	139	0.21156	0.00236	24.98822	12.24729
5782	5770	30	0.17788	10	5	1.00	1	3	663	0.35806	0.08049	29.80772	117.93444
5782	5784	30	0.11645	10	5	1.00	2	3	568	0.23415	0.06901	29.83916	66.1436
5784	284	25	0.16193	2	10	1.00	2	3	156	0.38884	0.00266	24.98673	25.26108
5784	5782	30	0.11645	10	5	1.00	2	3	604	0.23424	0.07335	29.82736	70.3358
5784	5786	30	0.23615	10	5	1.00	2	3	467	0.47432	0.05677	29.87201	110.28205
5786	285	25	0.15307	2	10	1.00	2	3	496	0.36799	0.00844	24.95788	75.92272
5786	5784	30	0.23615	10	5	1.00	2	3	503	0.47450	0.06111	29.86045	118.78345
5786	5788	34	0.39286	10	5	1.00	2	3	338	0.69530	0.04105	33.90169	132.78668
5788	5786	34	0.39286	10	5	1.00	2	3	374	0.69556	0.04539	33.88892	146.92964
5788	5790	34	0.13769	10	5	1.00	2	3	2817	0.25240	0.34217	32.73183	387.87273
5788	5814	30	0.06186	10	5	1.00	2	3	3597	0.13068	0.43698	28.40292	222.51042
5790	130	25	0.22222	2	10	1.00	1	3	263	0.53380	0.00448	24.97763	58.44386
5790	286	25	0.12132	2	10	1.00	2	3	7	0.29117	0.00012	24.99939	0.84924
5790	5788	34	0.13769	10	5	1.00	2	3	3406	0.25550	0.41370	32.33400	468.97214
5790	5792	34	0.07462	10	5	1.00	2	3	2713	0.13652	0.32962	32.79546	202.44406
5792	5790	34	0.07462	10	5	1.00	2	3	3298	0.13814	0.40064	32.41145	246.09676
5792	5794	34	0.14924	10	5	1.00	2	3	2713	0.27304	0.32962	32.79546	404.88812
5794	129	25	0.04806	2	10	1.00	1	3	327	0.11548	0.00556	24.97221	15.71562
5794	5792	34	0.14924	10	5	1.00	2	3	3298	0.27628	0.40064	32.41145	492.19352
5794	5796	34	0.13627	10	5	1.00	1	3	2808	0.24975	0.34115	32.73707	382.64616
5796	5794	34	0.13627	10	5	1.00	1	3	3391	0.25278	0.41193	32.34461	462.09157

5796	5798	34	0.22459	10	5	1.00	1	3	2183	0.40715	0.26520	33.09725	490.27997
5796	5804	30	0.08998	10	5	1.00	1	3	1513	0.18304	0.18376	29.49513	136.13974
5798	128	25	0.22538	2	10	1.00	1	3	389	0.54163	0.00661	24.96698	87.67282
5798	5766	34	0.22955	10	5	1.00	1	3	2394	0.41760	0.29079	32.98206	549.5427
5798	5796	34	0.22459	10	5	1.00	1	3	2859	0.41202	0.34726	32.70550	642.10281
5800	132	25	0.13613	2	10	1.00	1	3	305	0.32706	0.00518	24.97411	41.51965
5800	5772	35	0.05186	10	4	2.00	1	3	16021	0.11126	0.85145	27.96534	830.84906
5800	5802	35	0.12374	10	4	2.00	1	3	17068	0.27986	0.90710	26.52941	2111.99432
5802	133	25	0.10428	2	10	1.00	1	3	267	0.25050	0.00455	24.97728	27.84276
5802	5774	35	0.12070	10	4	2.00	1	3	17223	0.27549	0.91535	26.28877	2078.8161
5802	5800	35	0.12374	10	4	2.00	1	3	16298	0.26886	0.86618	27.61497	2016.71452
5804	5796	30	0.08998	10	5	1.00	1	3	1420	0.18282	0.17248	29.53214	127.7716
5804	5806	25	0.14337	10	5	1.00	1	3	2183	0.35347	0.26514	24.33639	312.97671
5804	5818	33	0.09594	10	5	1.00	1	3	2812	0.18119	0.34163	31.77179	269.78328
5806	129	25	0.05373	2	10	1.00	1	3	207	0.12905	0.00351	24.98244	11.12211
5806	5804	25	0.14337	10	5	1.00	1	3	1926	0.35206	0.23397	24.43393	276.13062
5806	5808	25	0.19601	10	5	1.00	2	3	2070	0.48239	0.25147	24.37989	405.7407
5808	119	25	0.17042	1	10	1.00	100	3	814	0.41015	0.01384	24.93097	138.72188
5808	5806	25	0.19601	10	5	1.00	2	3	1815	0.48054	0.22053	24.47418	355.75815
5808	6006	25	0.13690	10	5	1.00	2	3	1870	0.33590	0.22722	24.45427	256.003
5810	130	25	0.13755	2	10	1.00	1	3	159	0.33029	0.00271	24.98647	21.87045
5810	301	25	0.13141	2	10	1.00	2	3	60	0.31546	0.00103	24.99488	7.8846
5810	5812	25	0.09982	10	5	1.00	2	3	2471	0.24729	0.30020	24.21927	246.65522
5810	6006	25	0.10350	10	5	1.00	2	3	2204	0.25525	0.26778	24.32786	228.114
5812	302	25	0.15566	2	10	1.00	2	3	57	0.37366	0.00097	24.99516	8.87262
5812	5724	25	0.16652	10	5	1.00	2	3	2414	0.41212	0.29328	24.24305	401.97928
5812	5810	25	0.09982	10	5	1.00	2	3	2239	0.24632	0.27193	24.31434	223.49698
5814	291	25	0.11976	2	10	1.00	2	3	131	0.28755	0.00223	24.98886	15.68856
5814	5788	30	0.06186	10	5	1.00	2	3	3044	0.12910	0.36979	28.75202	188.30184
5814	5816	34	0.09959	10	5	1.00	2	3	3546	0.18541	0.43072	32.22948	353.14614
5816	292	25	0.03339	2	10	1.00	2	3	112	0.08017	0.00190	24.99049	3.73968
5816	293	25	0.10616	2	10	1.00	2	3	452	0.25517	0.00769	24.96163	47.98432
5816	5720	30	0.14740	10	5	1.00	2	3	3785	0.31281	0.45974	28.27177	557.909
5816	5814	34	0.09959	10	5	1.00	2	3	2995	0.18320	0.36386	32.61772	298.27205
5818	118	25	0.03845	2	10	1.00	1	3	235	0.09236	0.00399	24.98005	9.03575
5818	5804	33	0.09594	10	5	1.00	1	3	2976	0.18177	0.36153	31.67053	285.51744
5818	5820	33	0.18827	10	5	1.00	1	3	2776	0.35530	0.33722	31.79367	522.63752
5820	116	25	0.07337	2	10	1.00	1	3	919	0.17664	0.01562	24.92213	67.42703
5820	5750	30	0.03946	10	5	1.00	1	3	3424	0.08302	0.41595	28.51801	135.11104
5820	5818	33	0.18827	10	5	1.00	1	3	2940	0.35642	0.35712	31.69337	553.5138
5822	114	25	0.14642	2	10	1.00	1	3	459	0.35196	0.00781	24.96102	67.20678
5822	5750	25	0.14621	10	5	1.00	1	3	755	0.35354	0.09168	24.81374	110.38855
5822	5823	25	0.18732	10	5	1.00	1	3	774	0.45304	0.09405	24.80817	144.98568
5823	115	25	0.09224	2	10	1.00	1	3	475	0.22175	0.00808	24.95968	43.814
5823	5687	25	0.17284	10	5	1.00	1	3	331	0.41599	0.04026	24.92942	57.21004
5823	5822	25	0.18732	10	5	1.00	1	3	722	0.45277	0.08771	24.82305	135.24504
5824	5689	20	0.13375	10	5	1.00	1	3	798	0.40446	0.09699	19.84098	106.7325
5824	5746	35	0.12777	10	3	1.00	1	3	13199	0.78959	1.32038	9.70881	1686.43623
5824	11066	30	0.22880	23	3	1.00	901	0	14200	2.11972	1.42061	6.47645	3248.96
5826	80	25	0.07332	2	10	1.00	1	3	1105	0.17662	0.01880	24.90635	81.0186
5826	5828	30	0.10553	10	5	1.00	1	3	2703	0.21877	0.32838	28.94260	285.24759
5826	8926	25	0.06262	10	5	1.00	1	3	3734	0.15928	0.45358	23.58998	233.82308
5828	86	25	0.17035	2	10	1.00	1	3	268	0.40921	0.00456	24.97720	45.6538
5828	5826	30	0.10553	10	5	1.00	1	3	3336	0.22159	0.40521	28.57465	352.04808
5828	5830	30	0.28296	10	5	1.00	1	3	4349	0.61006	0.52830	27.82929	1230.59304
5828	5840	23	0.11499	10	5	1.00	1	3	1900	0.30681	0.23085	22.48788	218.481
5830	5828	30	0.28296	10	5	1.00	1	3	4578	0.61455	0.55615	27.62596	1295.39088
5830	5832	30	0.18569	10	5	1.00	1	3	4555	0.40300	0.55338	27.64686	845.81795

5830	5838	30	0.18798	10	5	1.00	1	3	345	0.37708	0.04197	29.91088	64.8531
5832	91	25	0.09067	2	10	1.00	1	3	1124	0.21845	0.01912	24.90477	101.91308
5832	5830	30	0.18569	10	5	1.00	1	3	4757	0.40580	0.57791	27.45617	883.32733
5832	5834	30	0.18550	10	5	1.00	1	3	4543	0.40240	0.55185	27.65834	842.7265
5834	98	25	0.20522	2	10	1.00	1	3	478	0.49334	0.00813	24.95939	98.09516
5834	5762	30	0.13791	10	5	1.00	1	3	4563	0.29936	0.55427	27.64020	629.28333
5834	5832	30	0.18550	10	5	1.00	1	3	4745	0.40518	0.57638	27.46844	880.1975
5836	5762	30	0.04413	10	5	1.00	1	3	1073	0.08926	0.13031	29.66400	47.35149
5836	5837	25	0.06777	10	5	1.00	1	3	1110	0.16457	0.13481	24.70864	75.2247
5837	109	25	0.18827	2	10	1.00	1	3	444	0.45253	0.00754	24.96233	83.59188
5837	5836	25	0.06777	10	5	1.00	1	3	1073	0.16450	0.13031	24.72000	72.71721
5837	5839	25	0.13475	10	5	1.00	1	3	666	0.32549	0.08094	24.83872	89.7435
5838	5830	30	0.18798	10	5	1.00	1	3	373	0.37719	0.04530	29.90222	70.11654
5838	8932	30	0.05739	10	5	1.00	1	3	345	0.11511	0.04197	29.91088	19.79955
5839	5673	25	0.24280	10	5	1.00	1	3	666	0.58651	0.08094	24.83872	161.7048
5839	5837	25	0.13475	10	5	1.00	1	3	629	0.32535	0.07638	24.84921	84.75775
5840	87	25	0.02323	2	10	1.00	1	3	1000	0.05594	0.01701	24.91524	23.23
5840	5828	23	0.11499	10	5	1.00	1	3	2241	0.30845	0.27226	22.36820	257.69259
5840	5842	23	0.10943	10	5	1.00	1	3	2129	0.29301	0.25860	22.40875	232.97647
5842	5840	23	0.10943	10	5	1.00	1	3	2470	0.29468	0.30002	22.28231	270.2921
5842	5844	23	0.13402	10	5	1.00	1	3	266	0.35037	0.03232	22.95072	35.64932
5842	5848	25	0.13339	10	5	1.00	1	3	1714	0.32652	0.20822	24.51017	228.63046
5842	5850	23	0.35180	10	5	1.00	1	3	1596	0.93453	0.19387	22.58701	561.4728
5844	83	25	0.03178	2	10	1.00	1	3	1122	0.07657	0.01908	24.90496	35.65716
5844	5560	25	0.14348	10	5	1.00	1	3	986	0.34789	0.11972	24.74632	141.47128
5844	5842	23	0.13402	10	5	1.00	1	3	1699	0.35653	0.20638	22.55424	227.69998
5848	5558	35	0.05552	10	3	3.00	1	3	26074	0.12100	0.86950	27.53321	1447.62848
5848	5842	25	0.13339	10	5	1.00	1	3	2024	0.32803	0.24587	24.39737	269.98136
5848	8922	35	0.06515	10	3	3.00	1	3	25893	0.14122	0.86343	27.68170	1686.92895
5850	88	25	0.08666	2	10	1.00	1	3	930	0.20864	0.01581	24.92118	80.5938
5850	5842	23	0.35180	10	5	1.00	1	3	194	0.91904	0.02356	22.96773	68.2492
5850	5852	30	0.20186	10	5	1.00	1	3	1217	0.40902	0.14780	29.61051	245.66362
5850	5854	23	0.16588	10	5	1.00	1	3	1463	0.43984	0.17770	22.62824	242.68244
5852	85	25	0.06247	2	10	1.00	1	3	1174	0.15053	0.01997	24.90054	73.33978
5852	5564	25	0.17850	10	5	1.00	1	3	2202	0.44022	0.26750	24.32876	393.057
5852	5850	30	0.20186	10	5	1.00	1	3	645	0.40623	0.07832	29.81373	130.1997
5854	89	25	0.06897	2	10	1.00	1	3	776	0.16595	0.01320	24.93415	53.52072
5854	90	25	0.29282	2	10	1.00	1	3	78	0.70295	0.00133	24.99337	22.83996
5854	5772	23	0.17425	10	5	1.00	1	3	1443	0.46192	0.17530	22.63428	251.44275
5854	5850	23	0.16588	10	5	1.00	1	3	633	0.43537	0.07688	22.86022	105.00204
5856	5858	63	0.35683	10	1	3.00	1	0	85752	0.84725	1.21530	25.26950	30598.88616
5856	5860	30	0.09988	10	6	2.00	1	3	8738	0.20849	0.37151	28.74371	872.75144
5856	5862	30	0.12045	10	6	1.00	1	3	12920	0.44934	1.09867	16.08318	1556.214
5858	7141	65	0.02705	2	9	1.00	0	0	3204	0.02539	0.18164	63.92129	86.6682
5858	8944	63	1.42343	10	1	4.00	1	0	98663	2.21050	1.04871	38.63637	140439.8741
5860	5861	35	0.03468	10	3	2.00	1	3	28107	0.26619	1.40593	7.81641	974.75076
5860	5934	30	0.09813	10	5	1.00	1	3	9104	0.37330	1.10589	15.77193	893.37552
5860	5948	35	0.03013	10	3	2.00	1	3	26540	0.18981	1.32751	9.52261	799.6502
5861	5858	30	0.26508	10	6	2.00	1	3	16115	0.60144	0.68516	26.44422	4271.7642
5861	5860	35	0.03468	10	3	2.00	1	3	24186	0.15454	1.20979	13.46381	838.77048
5861	5862	35	0.03683	10	3	2.00	1	3	11992	0.06946	0.59986	31.81982	441.66536
5862	5861	35	0.03683	10	3	2.00	1	3	24186	0.16415	1.20979	13.46381	890.77038
5862	5863	35	0.10530	10	3	2.00	1	3	24913	0.52490	1.24613	12.03698	2623.3389
5863	5675	30	0.06675	10	6	1.00	1	3	3060	0.13705	0.26018	29.22278	204.255
5863	5862	35	0.10530	10	3	2.00	1	3	24186	0.46927	1.20979	13.46381	2546.7858
5863	5932	35	0.07462	10	3	2.00	1	3	21853	0.23511	1.09308	19.04331	1630.67086
5864	104	25	0.09175	2	10	1.00	1	3	965	0.22093	0.01641	24.91821	88.53875
5864	5666	40	0.14736	10	3	2.00	1	3	21113	0.37101	1.05607	23.83145	3111.21168

5864	6002	40	0.14817	10	3	2.00	1	3	20535	0.35076	1.02718	25.34484	3042.67095
5866	5953	25	0.32462	10	5	1.00	1	3	5702	0.88665	0.69263	21.96723	1850.98324
5866	6001	40	0.09043	10	3	2.00	1	3	21919	0.25149	1.09640	21.57416	1982.13517
5866	6002	40	0.08536	10	3	2.00	1	3	20288	0.19730	1.01480	25.95847	1731.78368
5868	94	25	0.27293	2	10	1.00	1	3	743	0.65668	0.01264	24.93697	202.78699
5868	5870	40	0.30883	10	3	2.00	1	3	20940	0.76268	1.04742	24.29574	6466.9002
5868	5936	30	0.23141	10	5	1.00	1	3	4848	0.50738	0.58898	27.36576	1121.87568
5868	6001	40	0.09120	10	3	2.00	1	3	22980	0.29510	1.14944	18.54395	2095.776
5870	66	25	0.09433	2	10	1.00	1	3	1672	0.22767	0.02844	24.85859	157.71976
5870	68	25	0.11633	2	10	1.00	1	3	2956	0.28200	0.05027	24.75115	343.87148
5870	5868	40	0.30883	10	3	2.00	1	3	19111	0.64893	0.95595	28.55473	5902.05013
5870	5872	40	0.12747	10	3	2.00	1	3	21985	0.35764	1.09968	21.38604	2802.42795
5871	5676	30	0.36613	10	6	1.00	1	3	13937	1.76276	1.18515	12.46211	5102.75381
5871	5931	35	0.05170	10	3	2.00	1	3	11498	0.09677	0.57512	32.05821	594.4466
5871	30004	35	0.02538	10	3	2.00	1	3	25322	0.13452	1.26663	11.31811	642.67236
5872	5870	40	0.12747	10	3	2.00	1	3	19051	0.26674	0.95292	28.67430	2428.43097
5872	5876	40	0.08620	10	3	2.00	1	3	27575	0.54312	1.37932	9.52219	2376.965
5872	5918	35	0.21440	10	3	2.00	1	3	15529	0.43648	0.77675	29.47231	3329.4176
5872	30004	35	0.10461	10	3	3.00	1	3	25435	0.22383	0.84818	28.04048	2660.75535
5874	69	25	0.06897	2	10	1.00	1	3	1271	0.16623	0.02162	24.89235	87.66087
5874	71	25	0.14941	2	10	1.00	1	3	641	0.35936	0.01089	24.94565	95.77181
5874	5876	40	0.16062	10	3	2.00	1	3	21761	0.43753	1.08849	22.02585	3495.25182
5874	5878	40	0.11856	10	3	2.00	1	3	22013	0.33391	1.10111	21.30408	2609.86128
5876	5872	40	0.08620	10	3	2.00	1	3	26356	0.46345	1.31830	11.15906	2271.8872
5876	5874	40	0.16062	10	3	2.00	1	3	22368	0.47512	1.11886	20.28331	3592.74816
5876	5930	25	0.19995	10	5	1.00	1	3	5461	0.53964	0.66337	22.23094	1091.92695
5878	74	25	0.15241	2	10	1.00	1	3	215	0.36605	0.00365	24.98174	32.76815
5878	5874	40	0.11856	10	3	2.00	1	3	21401	0.30874	1.07046	23.04094	2537.30256
5878	5880	40	0.13960	10	3	2.00	1	3	21805	0.38243	1.09067	21.90166	3043.978
5880	5878	40	0.13960	10	3	2.00	1	3	21206	0.35525	1.06074	23.57704	2960.3576
5880	5882	40	0.21650	10	3	2.00	1	3	26280	1.15201	1.31451	11.27616	5689.62
5880	5908	30	0.17800	10	5	1.00	1	3	4055	0.38049	0.49253	28.06964	721.79
5880	5910	40	0.13207	10	4	2.00	1	3	9978	0.21366	0.53030	37.08690	1317.79446
5882	2502	45	0.19759	10	2	3.00	1	3	31556	0.34300	0.89446	34.56448	6235.15004
5882	5880	40	0.21650	10	3	2.00	1	3	25985	1.10557	1.29978	11.74983	5625.7525
5882	5884	40	0.32255	10	3	2.00	1	3	13944	0.55179	0.69750	35.07349	4497.6372
5884	76	25	0.07889	2	10	1.00	1	3	2724	0.19109	0.04632	24.77053	214.89636
5884	5325	40	0.29909	10	3	2.00	1	0	12999	0.50200	0.65019	35.74725	3887.87091
5884	5882	40	0.32255	10	3	2.00	1	3	14253	0.55564	0.71295	34.83055	4597.30515
5885	2500	45	0.23765	10	2	3.00	1	3	30953	0.40571	0.87736	35.14547	7355.98045
5885	5888	45	0.19339	10	3	3.00	1	3	27649	0.34592	0.92200	33.54316	5347.04011
5885	5899	20	0.12668	10	6	1.00	1	3	3378	0.39158	0.28723	19.41086	427.92504
5885	25088	20	0.06557	10	6	1.00	1	3	7938	0.22222	0.67499	17.70329	520.49466
5888	5885	45	0.19339	10	3	3.00	1	3	28127	0.35268	0.93793	32.90031	5439.48053
5888	9010	45	0.23781	10	3	3.00	1	3	27649	0.42537	0.92200	33.54316	6575.20869
5892	49	25	0.10350	2	10	1.00	1	3	5575	0.25310	0.09480	24.53480	577.0125
5892	3678	45	0.10873	10	4	1.00	1	3	10828	0.31418	1.15099	20.76513	1177.32844
5892	5894	45	0.29662	10	4	1.00	1	3	10530	0.78073	1.11922	22.79557	3123.4086
5894	5892	45	0.29662	10	4	1.00	1	3	10521	0.77879	1.11834	22.85235	3120.73902
5894	5896	45	0.13818	10	4	1.00	1	3	10530	0.36371	1.11922	22.79557	1455.0354
5896	5894	45	0.13818	10	4	1.00	1	3	10521	0.36281	1.11834	22.85235	1453.79178
5896	5898	45	0.44145	10	4	1.00	1	3	10827	1.27492	1.15082	20.77536	4779.57915
5897	5898	40	0.04892	10	4	1.00	1	3	11490	0.19772	1.22131	14.84621	562.0908
5897	5899	40	0.15698	10	4	1.00	1	3	4499	0.25085	0.47821	37.54660	706.25302
5897	25088	20	0.06182	10	6	1.00	1	3	7030	0.20388	0.59782	18.19436	434.5946
5898	48	25	0.11382	2	10	1.00	1	3	630	0.27375	0.01072	24.94652	71.7066
5898	50	25	0.70760	2	10	1.00	1	3	391	1.70050	0.00666	24.96677	276.6716
5898	5896	45	0.44145	10	4	1.00	1	3	10819	1.27154	1.14994	20.83050	4776.04755

5898	5897	40	0.04892	10	4	1.00	1	3	11498	0.19826	1.22219	14.80588	562.48216
5899	5885	20	0.12668	10	6	1.00	1	3	3168	0.39063	0.26943	19.45801	401.32224
5899	5897	40	0.15698	10	4	1.00	1	3	3619	0.24631	0.38467	38.23895	568.11062
5899	5900	35	0.07852	10	5	1.00	1	3	7877	0.18880	0.95685	24.95440	618.50204
5900	43	25	0.17402	2	10	1.00	1	3	2761	0.42157	0.04695	24.76744	480.46922
5900	5899	35	0.07852	10	5	1.00	1	3	6787	0.16498	0.82451	28.55745	532.91524
5900	5902	35	0.22715	10	5	1.00	1	3	5116	0.43133	0.62150	31.59700	1162.0994
5902	5900	35	0.22715	10	5	1.00	1	3	4085	0.41653	0.49629	32.71964	927.90775
5902	9014	33	0.17604	10	5	1.00	1	3	5116	0.35455	0.62150	29.79146	900.62064
5905	73	25	0.20040	2	10	1.00	1	0	309	0.48146	0.00525	24.97377	61.9236
5906	75	25	0.30788	2	10	1.00	1	3	2134	0.74428	0.03630	24.81981	657.01592
5906	5908	25	0.31764	10	5	1.00	1	3	4546	0.82696	0.55228	23.04594	1443.99144
5906	5924	30	0.16648	10	5	1.00	1	3	3397	0.35004	0.41266	28.53548	565.53256
5908	74	25	0.08815	2	10	1.00	1	3	239	0.21174	0.00406	24.97969	21.06785
5908	5880	30	0.17800	10	5	1.00	1	3	4679	0.38792	0.56833	27.53214	832.862
5908	5906	25	0.31764	10	5	1.00	1	3	3937	0.81214	0.47823	23.46649	1250.54868
5910	77	25	0.05294	2	10	1.00	1	3	1113	0.12753	0.01892	24.90574	58.92222
5910	5880	40	0.13207	10	4	2.00	1	3	9050	0.21118	0.48099	37.52354	1195.2335
5910	5912	40	0.09943	10	4	2.00	1	3	9667	0.16020	0.51375	37.23958	961.18981
5912	35	25	0.08977	2	10	1.00	1	3	1562	0.21660	0.02656	24.86790	140.22074
5912	5910	40	0.09943	10	4	2.00	1	3	8739	0.15842	0.46445	37.65835	868.91877
5912	5914	40	0.28338	10	4	1.00	1	3	8948	0.59154	0.95115	28.74336	2535.68424
5914	5912	40	0.28338	10	4	1.00	1	3	8021	0.53247	0.85253	31.93170	2272.99098
5914	5916	35	0.37204	10	4	1.00	1	3	8178	0.81059	0.86930	27.53810	3042.54312
5914	5920	23	0.23223	10	5	1.00	1	3	1603	0.61695	0.19474	22.58475	372.26469
5916	33	25	0.11588	2	10	1.00	1	3	941	0.27900	0.01600	24.92027	109.04308
5916	5914	35	0.37204	10	4	1.00	1	3	7544	0.76944	0.80187	29.01094	2806.66976
5916	8804	35	0.32195	10	4	1.00	1	3	8706	0.74334	0.92535	25.98655	2802.8967
5918	67	25	0.18380	2	10	1.00	1	3	3966	0.44707	0.06745	24.66722	728.9508
5918	5872	35	0.21440	10	3	2.00	1	3	15033	0.43039	0.75194	29.88926	3223.0752
5918	8808	35	0.25626	10	3	2.00	1	3	13374	0.49509	0.66894	31.05553	3427.22124
5920	34	25	0.05170	2	10	1.00	1	3	1675	0.12480	0.02848	24.85840	86.5975
5920	5914	23	0.23223	10	5	1.00	1	3	1310	0.61452	0.15909	22.67423	304.2213
5920	5922	23	0.03068	10	5	1.00	1	3	1661	0.08158	0.20173	22.56651	50.95948
5922	33	25	0.20392	2	10	1.00	1	3	445	0.49014	0.00758	24.96218	90.7444
5922	5920	23	0.03068	10	5	1.00	1	3	1367	0.08125	0.16608	22.65714	41.93956
5922	8808	23	0.23257	10	5	1.00	1	3	2088	0.62231	0.25363	22.42326	485.60616
5924	71	25	0.37453	2	10	1.00	1	3	83	0.89912	0.00142	24.99291	31.08599
5924	73	25	0.14287	2	10	1.00	1	3	326	0.34326	0.00554	24.97235	46.57562
5924	5906	30	0.16648	10	5	1.00	1	3	3973	0.35505	0.48257	28.13278	661.42504
5924	5926	30	0.20155	10	5	1.00	1	3	3606	0.42586	0.43805	28.39692	726.7893
5926	72	25	0.06375	2	10	1.00	1	3	1505	0.15378	0.02559	24.87268	95.94375
5926	5924	30	0.20155	10	5	1.00	1	3	4219	0.43285	0.51246	27.93842	850.33945
5926	5928	30	0.12434	10	5	1.00	1	3	4126	0.26631	0.50121	28.01329	513.02684
5928	5926	30	0.12434	10	5	1.00	1	3	4739	0.27154	0.57563	27.47444	589.24726
5928	5930	30	0.13316	10	5	1.00	1	3	4126	0.28520	0.50121	28.01329	549.41816
5930	70	25	0.04643	2	10	1.00	1	3	1412	0.11197	0.02402	24.88050	65.55916
5930	5876	25	0.19995	10	5	1.00	1	3	4848	0.52606	0.58895	22.80495	969.3576
5930	5928	30	0.13316	10	5	1.00	1	3	4739	0.29080	0.57563	27.47444	631.04524
5931	5871	35	0.05170	10	3	2.00	1	3	25322	0.27410	1.26663	11.31811	1309.1474
5931	5932	35	0.04720	10	3	2.00	1	3	24186	0.21034	1.20979	13.46381	1141.5792
5932	5863	35	0.07462	10	3	2.00	1	3	24186	0.33254	1.20979	13.46381	1804.75932
5932	5931	35	0.04720	10	3	2.00	1	3	21853	0.14871	1.09308	19.04331	1031.4616
5934	101	25	0.03441	2	10	1.00	1	3	793	0.08280	0.01348	24.93276	27.28713
5934	107	25	0.21166	1	10	1.00	100	0	792	0.50935	0.01346	24.93288	167.63472
5934	5860	30	0.09813	10	5	1.00	1	3	6197	0.22991	0.75274	25.60824	608.11161
5934	5936	35	0.35422	10	5	1.00	1	3	7826	0.84454	0.95072	25.16516	2772.12572
5936	102	25	0.08732	2	10	1.00	1	3	3181	0.21184	0.05411	24.73237	277.76492

5936	5868	30	0.23141	10	5	1.00	1	3	7815	0.64250	0.94933	21.61056	1808.46915
5936	5934	35	0.35422	10	5	1.00	1	3	4860	0.66596	0.59037	31.91323	1721.5092
5938	31	25	0.36472	2	10	1.00	1	3	957	0.87818	0.01628	24.91886	349.03704
5938	5940	25	0.24292	10	5	1.00	1	3	2290	0.59996	0.27815	24.29389	556.2868
5938	8808	25	0.03452	10	5	1.00	1	3	2573	0.08568	0.31256	24.17595	88.81996
5940	65	25	0.07850	2	10	1.00	1	3	1591	0.18942	0.02707	24.86540	124.8935
5940	5938	25	0.24292	10	5	1.00	1	3	1698	0.59453	0.20626	24.51582	412.47816
5940	5942	25	0.34145	10	5	1.00	1	3	2186	0.84186	0.26549	24.33526	746.4097
5942	64	25	0.14427	2	10	1.00	1	3	1410	0.34790	0.02398	24.88067	203.4207
5942	5940	25	0.34145	10	5	1.00	1	3	1594	0.83443	0.19361	24.55184	544.2713
5942	5944	28	0.32898	10	5	1.00	1	3	2622	0.72962	0.31850	27.05329	862.58556
5944	62	25	0.18024	2	10	1.00	1	3	77	0.43268	0.00131	24.99347	13.87848
5944	63	25	0.15474	2	10	1.00	1	3	36	0.37141	0.00061	24.99696	5.57064
5944	5942	28	0.32898	10	5	1.00	1	3	2030	0.72243	0.24661	27.32247	667.8294
5944	5946	28	0.17405	10	5	1.00	1	3	2570	0.38567	0.31225	27.07830	447.3085
5946	5944	28	0.17405	10	5	1.00	1	3	2009	0.38209	0.24403	27.33146	349.66645
5946	8794	35	0.05655	10	3	2.00	1	3	14045	0.11080	0.70252	30.62137	794.24475
5946	8796	35	0.05170	10	3	2.00	1	3	8803	0.09368	0.44034	33.11471	455.1151
5948	100	25	0.06040	2	10	1.00	1	3	79	0.14499	0.00134	24.99331	4.7716
5948	5860	35	0.03013	10	3	2.00	1	3	24630	0.14381	1.23200	12.56872	742.1019
5948	5955	30	0.26594	9	5	1.00	100	0	4572	0.57746	0.55539	27.63169	1215.87768
5948	11328	35	0.25740	23	3	2.00	901	0	22494	0.88599	1.12516	17.43125	5789.9556
5949	5951	30	0.32150	10	5	1.00	1	3	4152	0.68910	0.50437	27.99251	1334.868
5949	5953	25	0.15118	10	5	1.00	1	3	4763	0.39653	0.57855	22.87579	720.07034
5949	5957	25	0.06889	10	5	1.00	1	0	4468	0.17889	0.54281	23.10437	307.80052
5950	262	25	0.12601	2	10	1.00	3	3	1595	0.30406	0.02713	24.86510	200.98595
5950	5580	40	0.03830	10	3	3.00	3	3	23841	0.06901	0.79501	33.30426	913.1103
5950	5598	40	0.11518	10	3	3.00	3	3	21994	0.20038	0.73342	34.48901	2533.26892
5951	103	25	0.33413	2	10	1.00	1	3	143	0.80231	0.00242	24.98788	47.78059
5951	105	25	0.09036	2	10	1.00	1	3	380	0.21714	0.00647	24.96770	34.3368
5951	5672	30	0.11606	10	5	1.00	1	3	4320	0.25000	0.52478	27.85394	501.3792
5951	5949	30	0.32150	10	5	1.00	1	3	2913	0.66914	0.35383	28.82748	936.5295
5952	138	25	0.06293	2	10	1.00	1	3	899	0.15150	0.01529	24.92377	56.57407
5952	1294	25	0.07945	2	10	1.00	1	3	928	0.19128	0.01579	24.92132	73.7296
5952	8914	45	0.10096	10	3	2.00	1	3	14201	0.15441	0.71034	39.23149	1433.73296
5952	8916	45	0.09834	10	3	2.00	1	3	12908	0.14648	0.64566	40.28269	1269.37272
5953	103	25	0.11922	2	10	1.00	1	3	796	0.28690	0.01354	24.93250	94.89912
5953	105	25	0.30919	2	10	1.00	1	3	140	0.74240	0.00239	24.98806	43.2866
5953	5866	25	0.32462	10	5	1.00	1	3	5081	0.86178	0.61728	22.60107	1649.39422
5953	5949	25	0.15118	10	5	1.00	1	3	5363	0.40619	0.65143	22.33178	810.77834
5954	228	25	0.09156	2	10	1.00	4	3	2144	0.22135	0.03646	24.81902	196.30464
5954	229	25	0.18856	2	10	1.00	4	3	557	0.45340	0.00946	24.95277	105.02792
5954	8760	30	0.14085	10	5	1.00	4	3	6941	0.35019	0.84313	24.13250	977.63985
5954	8870	30	0.10813	10	5	1.00	4	3	4923	0.23774	0.59800	27.28996	532.32399
5955	5948	30	0.26594	9	5	1.00	100	0	3318	0.55819	0.40311	28.58554	882.38892
5957	5949	25	0.06889	10	5	1.00	1	0	5108	0.18307	0.62047	22.57709	351.89012
5958	221	25	0.07898	2	10	1.00	4	3	874	0.19011	0.01487	24.92587	69.02852
5958	8748	45	0.06795	10	3	3.00	4	3	35009	0.20646	1.16745	19.74717	2378.86155
5958	8750	45	0.11561	10	3	3.00	4	3	34906	0.34759	1.16401	19.95700	4035.48266
5960	151	25	0.22588	2	10	1.00	5	3	317	0.54271	0.00539	24.97309	71.60396
5960	175	25	0.17793	2	10	1.00	5	3	307	0.42748	0.00523	24.97390	54.62451
5960	8676	45	0.13017	10	3	2.00	5	3	13632	0.19663	0.68188	39.72043	1774.47744
5960	9070	45	0.08050	10	3	2.00	5	3	13199	0.12056	0.66021	40.06435	1062.5195
5961	5966	63	0.25844	10	1	2.00	4	0	40611	0.31302	0.86333	49.53854	10495.50684
5962	175	25	0.09046	2	10	1.00	5	3	1525	0.21823	0.02594	24.87098	137.9515
5962	179	25	0.09383	2	10	1.00	5	3	1287	0.22617	0.02188	24.89107	120.75921
5962	9070	45	0.16341	10	3	3.00	5	3	25862	0.27524	0.86240	35.62281	4226.10942
5962	9072	45	0.14740	10	3	3.00	5	3	24148	0.23764	0.80527	37.21539	3559.4152

5963	5970	63	0.08369	10	1	2.00	4	0	41342	0.10276	0.87886	48.86530	3459.91198
5963	5971	50	0.07375	10	6	1.00	4	3	18447	0.55161	1.56860	8.02239	1360.46625
5966	25172	63	0.02274	10	1	2.75	4	0	58623	0.05899	1.24624	23.12962	1333.08702
5967	9571	45	0.19501	10	3	2.00	1	0	23629	0.61965	1.18191	18.88261	4607.89129
5968	5970	50	0.06717	10	6	1.00	4	3	8135	0.09169	0.69173	43.95138	546.42795
5970	25173	63	0.10016	10	1	2.00	4	0	49476	0.15651	1.05180	38.39934	4955.51616
5971	9556	40	0.04374	10	6	1.00	4	0	5894	0.07027	0.50118	37.35136	257.80356
5971	9572	50	0.15281	10	6	1.00	4	0	12553	0.31603	1.06742	29.01207	1918.22393
6001	5866	40	0.09043	10	3	2.00	1	3	22980	0.29258	1.14944	18.54395	2078.0814
6001	5868	40	0.09120	10	3	2.00	1	3	21919	0.25365	1.09640	21.57416	1999.0128
6002	94	25	0.17455	2	10	1.00	1	3	752	0.42000	0.01279	24.93622	131.2616
6002	5864	40	0.14817	10	3	2.00	1	3	21053	0.37052	1.05307	23.99342	3119.42301
6002	5866	40	0.08536	10	3	2.00	1	3	19848	0.18974	0.99278	26.99261	1694.22528
6003	204	25	0.22121	2	10	1.00	6	3	0	0.53089	0.00000	25.00000	0
6003	206	25	0.34060	2	10	1.00	6	3	4673	0.83042	0.07948	24.60884	1591.6238
6003	329	25	0.14239	2	10	1.00	6	3	1691	0.34371	0.02876	24.85700	240.78149
6003	5660	40	0.06367	10	3	2.00	6	3	6244	0.09876	0.31232	38.68286	397.55548
6004	321	25	0.15538	2	10	1.00	1	3	643	0.37373	0.01094	24.94542	99.90934
6004	5510	40	0.32318	10	3	1.00	1	3	4178	0.51017	0.41800	38.00939	1350.24604
6004	9048	40	0.12875	10	3	1.00	1	3	3601	0.20119	0.36025	38.39656	463.62875
6005	197	25	0.05168	2	10	1.00	5	3	201	0.12411	0.00342	24.98289	10.38768
6005	198	25	0.27027	2	10	1.00	5	3	174	0.64903	0.00296	24.98520	47.02698
6005	8642	30	0.03042	10	5	1.00	5	3	376	0.06105	0.04570	29.90117	11.43792
6006	5808	25	0.13690	10	5	1.00	2	3	1622	0.33470	0.19700	24.54225	222.0518
6006	5810	25	0.10350	10	5	1.00	2	3	2444	0.25628	0.29695	24.23047	252.954
6006	6007	25	0.19501	10	5	1.00	2	3	728	0.47139	0.08848	24.82124	141.96728
6007	119	25	0.11651	1	10	1.00	100	3	239	0.27986	0.00406	24.97969	27.84589
6007	125	25	0.32064	1	10	1.00	100	0	117	0.76984	0.00199	24.99007	37.51488
6007	6006	25	0.19501	10	5	1.00	2	3	720	0.47134	0.08743	24.82368	140.4072
6007	6008	25	0.18627	10	5	1.00	2	3	950	0.45144	0.11545	24.75678	176.9565
6008	120	25	0.11952	1	10	1.00	100	3	393	0.28723	0.00668	24.96667	46.97136
6008	6007	25	0.18627	10	5	1.00	2	3	936	0.45136	0.11364	24.76120	174.34872
6008	6009	25	0.12281	10	5	1.00	2	3	558	0.29629	0.06777	24.86876	68.52798
6009	5744	40	0.19118	10	4	1.00	2	3	558	0.28807	0.05930	39.82037	106.67844
6009	6008	25	0.12281	10	5	1.00	2	3	551	0.29627	0.06695	24.87062	67.66831
6010	254	25	0.09637	2	10	1.00	3	3	538	0.23172	0.00914	24.95436	51.84706
6010	255	25	0.13359	2	10	1.00	3	3	2095	0.32290	0.03562	24.82314	279.87105
6010	8910	30	0.01474	10	5	1.00	1	3	3690	0.03120	0.44822	28.33905	54.3906
6011	296	25	0.10931	2	10	1.00	2	3	481	0.26277	0.00817	24.95920	52.57811
6011	5586	45	0.15398	10	3	3.00	2	3	15961	0.22154	0.53224	41.70211	2457.67478
6011	5680	45	0.15407	10	3	3.00	2	3	16586	0.22290	0.55309	41.47360	2555.40502
6983	5049	25	1.02360	9	5	1.00	100	0	0	2.45532	0.00000	25.01345	0
6983	5050	25	0.40174	9	5	1.00	100	0	0	0.96367	0.00000	25.01345	0
7140	5674	65	0.02705	2	9	1.00	0	0	3167	0.02539	0.17952	63.93645	85.66735
7140	17110	65	0.61936	2	8	1.00	0	0	15737	0.64839	0.66910	57.31340	9746.86832
7141	5858	65	0.02705	2	9	1.00	0	0	0	0.02496	0.00000	65.03497	0
7141	18205	65	1.42394	2	8	1.00	0	0	18548	1.58289	0.78858	53.97489	26411.23912
7142	7140	65	1.23639	2	8	1.00	0	0	18904	1.38786	0.80374	53.45187	23372.71656
7142	8962	65	0.02705	2	9	1.00	0	0	0	0.02496	0.00000	65.03497	0
7144	7142	65	0.35795	2	8	1.00	0	0	13951	0.36468	0.59316	58.89248	4993.76045
7144	8960	65	0.02705	2	9	1.00	0	0	2412	0.02527	0.13672	64.22989	65.2446
7145	7147	65	0.62818	2	8	1.00	0	0	16707	0.66948	0.71034	56.29873	10495.00326
7145	8946	65	0.02705	2	9	1.00	0	0	0	0.02496	0.00000	65.03497	0
7146	7144	65	0.62718	2	8	1.00	0	0	16363	0.66399	0.69570	56.67334	10262.54634
7146	8958	65	0.02705	2	9	1.00	0	0	0	0.02496	0.00000	65.03497	0
7147	7149	65	0.44751	2	8	1.00	0	0	13624	0.45396	0.57924	59.14777	6096.87624
7147	8948	65	0.02526	2	9	1.00	0	0	3083	0.02369	0.17480	63.96996	77.87658
7148	7146	65	0.37920	2	8	1.00	0	0	14420	0.38886	0.61310	58.50972	5468.064

7148	8956	65	0.02705	2	9	1.00	0	0	3055	0.02537	0.17317	63.98143	82.63775
7149	8950	65	0.02705	2	9	1.00	0	0	7	0.02496	0.00042	65.03275	0.18935
7149	13540	65	0.23849	2	8	1.00	0	0	18373	0.26391	0.78116	54.22165	4381.77677
7150	7151	45	0.14541	10	2	3.00	4	3	37792	0.33719	1.07120	25.87461	5495.33472
7150	8765	45	0.29414	10	3	3.00	4	3	35834	0.97337	1.19493	18.13159	10540.21276
7151	7150	45	0.14541	10	2	3.00	4	3	35834	0.29926	1.01569	29.15411	5210.62194
7151	8768	45	0.06371	10	3	4.00	4	3	37792	0.11728	0.94518	32.59459	2407.72832
7153	5536	65	0.02973	2	9	1.00	0	0	8759	0.02936	0.49652	60.76182	260.40507
7153	25200	65	1.21417	2	8	1.00	0	0	8543	1.17189	0.36323	62.16465	10372.65431
7359	927	25	0.04222	2	10	1.00	0	3	405	0.10146	0.00688	24.96563	17.0991
7359	8623	30	0.18179	10	5	1.00	0	3	5799	0.41591	0.70442	26.22461	1054.20021
7359	8656	30	0.09945	10	5	1.00	0	3	5418	0.22323	0.65814	26.73062	538.8201
8600	200	25	0.10159	2	10	1.00	5	3	76	0.24388	0.00130	24.99350	7.72084
8600	201	25	0.22994	2	10	1.00	5	3	2863	0.55724	0.04869	24.75889	658.31822
8600	8601	45	0.28104	10	3	2.00	5	3	19530	0.54126	0.97689	31.15356	5488.7112
8600	9098	45	0.35794	10	3	2.00	5	3	20063	0.72053	1.00358	29.80652	7181.35022
8601	8600	45	0.28104	10	3	2.00	5	3	19697	0.54844	0.98524	30.74568	5535.64488
8601	8631	25	0.33343	10	5	1.00	7	3	928	0.80787	0.11275	24.76338	309.42304
8601	8641	45	0.25195	10	3	2.00	7	3	19109	0.47049	0.95581	32.13056	4814.51255
8602	201	25	0.34444	2	10	1.00	5	3	699	0.82862	0.01189	24.94068	240.76356
8602	8604	40	0.26936	10	3	2.00	5	3	7507	0.42198	0.37548	38.29924	2022.08552
8602	9098	40	0.32528	10	3	2.00	5	3	6523	0.50558	0.32630	38.60235	2121.80144
8603	208	25	0.16392	2	10	1.00	6	3	869	0.39457	0.01478	24.92629	142.44648
8603	3749	40	0.08018	10	3	2.00	0	3	7565	0.12568	0.37840	38.28019	606.5617
8603	3753	35	0.08130	10	5	1.00	0	3	1927	0.14261	0.23411	34.20687	156.6651
8603	8607	40	0.20545	10	3	2.00	0	3	7150	0.32091	0.35765	38.41285	1468.9675
8604	190	25	0.25043	2	10	1.00	5	3	1796	0.60471	0.03055	24.84817	449.77228
8604	8602	40	0.26936	10	3	2.00	5	3	7099	0.42056	0.35509	38.42884	1912.18664
8604	8606	40	0.18263	10	3	2.00	5	3	7024	0.28497	0.35132	38.45215	1282.79312
8605	3759	40	0.29380	10	3	2.00	0	3	7057	0.45856	0.35299	38.44186	2073.3466
8605	3761	35	0.15998	10	5	1.00	0	3	1534	0.27902	0.18636	34.40092	245.40932
8605	3763	35	0.09148	10	5	1.00	0	3	341	0.15728	0.04143	34.89767	31.19468
8605	8608	40	0.13723	10	3	2.00	0	3	6141	0.21269	0.30716	38.71199	842.72943
8606	202	25	0.22921	2	10	1.00	5	3	2229	0.55428	0.03791	24.81186	510.90909
8606	8604	40	0.18263	10	3	2.00	5	3	6616	0.28406	0.33093	38.57517	1208.28008
8606	8608	40	0.23336	10	3	2.00	5	3	6800	0.36349	0.34015	38.52021	1586.848
8607	918	25	0.12876	2	10	1.00	0	3	751	0.30981	0.01278	24.93628	96.69876
8607	3759	40	0.10810	10	3	2.00	0	3	6865	0.16846	0.34337	38.50078	742.1065
8607	8603	40	0.20545	10	3	2.00	0	3	7426	0.32164	0.37146	38.32526	1525.6717
8607	9071	45	0.12742	10	3	1.00	6	3	3295	0.17613	0.32967	43.40538	419.8489
8608	921	25	0.23597	2	10	1.00	0	3	283	0.56688	0.00481	24.97596	66.77951
8608	922	25	0.13554	2	10	1.00	0	3	641	0.32601	0.01091	24.94559	86.88114
8608	8605	40	0.13723	10	3	2.00	0	3	6540	0.21332	0.32712	38.59758	897.4842
8608	8606	40	0.23336	10	3	2.00	5	3	6392	0.36236	0.31975	38.64035	1491.63712
8609	3751	45	0.09186	10	3	3.00	0	3	30294	0.18713	1.01020	29.45284	2782.80684
8609	8611	40	0.08985	10	3	2.00	6	3	8116	0.14152	0.40595	38.09436	729.2226
8609	9085	45	0.08414	10	3	4.00	6	3	37355	0.15273	0.93426	33.05211	3143.0497
8609	9619	40	0.08205	10	3	2.00	0	3	4645	0.12591	0.23235	39.10209	381.12225
8610	194	25	0.14212	2	10	1.00	5	3	268	0.34140	0.00456	24.97721	38.08816
8610	200	25	0.29169	2	10	1.00	5	3	28	0.70011	0.00047	24.99765	8.16732
8610	8612	40	0.14620	10	3	2.00	5	3	12288	0.24236	0.61465	36.19314	1796.5056
8610	9098	40	0.17993	10	3	2.00	5	3	12753	0.30067	0.63788	35.90710	2294.64729
8611	203	25	0.08638	2	10	1.00	6	3	0	0.20732	0.00000	25.00000	0
8611	915	25	0.09425	2	10	1.00	0	3	1262	0.22716	0.02146	24.89318	118.9435
8611	3749	40	0.05377	10	3	2.00	0	3	7438	0.08419	0.37203	38.32157	399.94126
8611	8609	40	0.08985	10	3	2.00	6	3	8249	0.14169	0.41261	38.04770	741.17265
8612	8610	40	0.14620	10	3	2.00	5	3	12617	0.24371	0.63113	35.99231	1844.6054
8612	8614	30	0.15099	10	5	1.00	5	3	1324	0.30638	0.16089	29.56935	199.91076

8612	8640	40	0.05850	10	3	2.00	5	3	11117	0.09529	0.55607	36.83545	650.3445
8613	916	25	0.12405	2	10	1.00	0	3	111	0.29784	0.00189	24.99055	13.76955
8613	917	25	0.08565	2	10	1.00	0	3	782	0.20610	0.01329	24.93371	66.9783
8613	3757	35	0.10872	10	5	1.00	0	3	1567	0.18972	0.19039	34.38521	170.36424
8613	8660	35	0.20667	10	5	1.00	0	3	1691	0.36126	0.20542	34.32555	349.47897
8614	194	25	0.15634	2	10	1.00	5	3	101	0.37535	0.00172	24.99140	15.79034
8614	198	25	0.09756	2	10	1.00	5	3	980	0.23492	0.01666	24.91698	95.6088
8614	8612	30	0.15099	10	5	1.00	5	3	1142	0.30567	0.13869	29.63855	172.43058
8614	8616	30	0.18211	10	5	1.00	5	3	2043	0.37333	0.24819	29.26818	372.05073
8616	193	25	0.15870	2	10	1.00	5	3	0	0.38088	0.00000	25.00000	0
8616	8614	30	0.18211	10	5	1.00	5	3	1861	0.37230	0.22602	29.34943	338.90671
8616	8618	30	0.09754	10	5	1.00	5	3	2043	0.19995	0.24819	29.26818	199.27422
8618	8616	30	0.09754	10	5	1.00	5	3	1861	0.19940	0.22602	29.34943	181.52194
8618	8620	30	0.06715	10	5	1.00	5	3	3617	0.14193	0.43944	28.38908	242.88155
8618	8628	30	0.15686	10	5	1.00	5	3	3457	0.33028	0.41989	28.49688	542.26502
8618	8988	30	0.12711	10	5	1.00	5	3	679	0.25591	0.08251	29.80214	86.30769
8620	182	25	0.18270	2	10	1.00	5	3	134	0.43869	0.00227	24.98865	24.4818
8620	8618	30	0.06715	10	5	1.00	5	3	3774	0.14248	0.45849	28.27919	253.4241
8620	8622	30	0.13132	10	5	1.00	5	3	3487	0.27670	0.42359	28.47683	457.91284
8621	936	20	0.11419	2	10	1.00	0	0	747	0.34343	0.01270	19.94932	85.29993
8621	8655	45	0.16929	10	3	3.00	8	0	18475	0.24958	0.61607	40.69824	3127.63275
8621	8985	45	0.22955	10	3	3.00	8	0	18562	0.33875	0.61899	40.65890	4260.9071
8621	23288	25	0.09748	10	5	1.00	0	0	1831	0.23904	0.22248	24.46841	178.48588
8622	183	25	0.15449	2	10	1.00	5	3	268	0.37112	0.00455	24.97727	41.40332
8622	8620	30	0.13132	10	5	1.00	5	3	3637	0.27768	0.44181	28.37571	477.61084
8622	8624	30	0.07987	10	5	1.00	5	3	3759	0.16940	0.45660	28.29028	300.23133
8623	3767	30	0.08380	10	5	1.00	0	3	5799	0.19173	0.70442	26.22461	485.9562
8623	7359	30	0.18179	10	5	1.00	0	3	5418	0.40804	0.65814	26.73062	984.93822
8624	8622	30	0.07987	10	5	1.00	5	3	3900	0.17002	0.47380	28.18707	311.493
8624	8626	30	0.25466	10	5	1.00	5	3	4281	0.54790	0.51998	27.88714	1090.19946
8624	8630	30	0.11858	10	5	1.00	5	3	745	0.23891	0.09054	29.77970	88.3421
8625	929	25	0.08951	2	10	1.00	0	3	615	0.21528	0.01046	24.94782	55.04865
8625	3767	30	0.25172	10	5	1.00	0	3	6262	0.59236	0.76073	25.49627	1576.27064
8625	3769	40	0.18483	10	3	2.00	0	3	6947	0.28823	0.34748	38.47575	1284.01401
8625	8627	40	0.19790	10	3	2.00	0	3	12579	0.32969	0.62920	36.01630	2489.3841
8626	179	25	0.09488	2	10	1.00	5	3	1424	0.22881	0.02421	24.87953	135.10912
8626	184	25	0.16543	2	10	1.00	5	3	26	0.39707	0.00044	24.99779	4.30118
8626	8624	30	0.25466	10	5	1.00	5	3	4380	0.54957	0.53206	27.80271	1115.4108
8626	9072	30	0.05691	10	5	1.00	5	3	4778	0.12446	0.58045	27.43565	271.91598
8627	8625	40	0.19790	10	3	2.00	0	3	12107	0.32712	0.60559	36.29957	2395.9753
8627	8647	40	0.13511	10	3	2.00	0	3	12662	0.22541	0.63334	35.96456	1710.76282
8627	8661	30	0.18361	10	5	1.00	0	3	60	0.36724	0.00728	29.99838	11.0166
8627	8679	30	0.12339	10	5	1.00	0	3	1214	0.25002	0.14745	29.61160	149.79546
8628	183	25	0.18514	2	10	1.00	5	3	486	0.44506	0.00827	24.95871	89.97804
8628	193	25	0.09012	2	10	1.00	5	3	0	0.21629	0.00000	25.00000	0
8628	8618	30	0.15686	10	5	1.00	5	3	3227	0.32860	0.39196	28.64263	506.18722
8628	9094	30	0.15855	10	5	1.00	5	3	3779	0.33643	0.45903	28.27598	599.16045
8629	207	25	0.15246	2	10	1.00	7	3	498	0.36653	0.00846	24.95777	75.92508
8629	8643	35	0.25936	10	4	1.00	7	3	890	0.44808	0.09463	34.72954	230.8304
8629	8645	35	0.21740	10	4	1.00	7	3	569	0.37441	0.06050	34.83908	123.7006
8630	180	25	0.12309	2	10	1.00	5	3	312	0.29572	0.00531	24.97347	38.40408
8630	182	25	0.14384	2	10	1.00	5	3	775	0.34612	0.01319	24.93424	111.476
8630	8624	30	0.11858	10	5	1.00	5	3	788	0.23902	0.09567	29.76522	93.44104
8630	8632	30	0.20393	10	5	1.00	5	3	452	0.40953	0.05488	29.87703	92.17636
8631	318	25	0.21085	2	10	1.00	7	3	787	0.50738	0.01338	24.93329	165.93895
8631	8601	25	0.33343	10	5	1.00	7	3	931	0.80790	0.11312	24.76248	310.42333
8631	8633	25	0.53944	10	5	1.00	7	3	333	1.29835	0.04051	24.92888	179.63352
8632	5506	45	0.06694	10	3	2.00	5	3	13425	0.10070	0.67152	39.88785	898.6695

8632	8630	30	0.20393	10	5	1.00	5	3	476	0.40964	0.05782	29.86921	97.07068
8632	8634	45	0.11569	10	3	2.00	5	3	13594	0.17462	0.67996	39.75189	1572.68986
8633	317	25	0.18745	2	10	1.00	7	3	596	0.45078	0.01013	24.94945	111.7202
8633	8631	25	0.53944	10	5	1.00	7	3	337	1.29839	0.04088	24.92808	181.79128
8633	8635	25	0.63835	10	5	1.00	7	3	363	1.53689	0.04411	24.92110	231.72105
8633	8645	30	0.35531	10	5	1.00	7	3	222	0.71183	0.02700	29.94924	78.87882
8634	180	25	0.18746	2	10	1.00	5	3	476	0.45064	0.00810	24.95955	89.23096
8634	8632	45	0.11569	10	3	2.00	5	3	13880	0.17568	0.69430	39.51260	1605.7772
8634	8636	45	0.10140	10	3	2.00	5	3	13870	0.15394	0.69379	39.52129	1406.418
8635	314	25	0.14087	2	10	1.00	7	3	956	0.33919	0.01627	24.91894	134.67172
8635	8633	25	0.63835	10	5	1.00	7	3	362	1.53687	0.04394	24.92145	231.0827
8635	8649	25	0.20792	10	5	1.00	7	3	1162	0.50523	0.14111	24.69263	241.60304
8636	8634	45	0.10140	10	3	2.00	5	3	14179	0.15500	0.70924	39.25125	1437.7506
8636	8638	45	0.08996	10	3	2.00	5	3	14925	0.14006	0.74654	38.53953	1342.653
8636	8694	30	0.07283	10	5	1.00	5	3	1437	0.14799	0.17451	29.52552	104.65671
8637	319	25	0.07296	2	10	1.00	7	3	1252	0.17586	0.02129	24.89402	91.34592
8637	8639	35	0.21051	10	4	1.00	7	3	1781	0.36728	0.18926	34.38961	374.91831
8637	8643	35	0.28705	10	4	1.00	7	3	1977	0.50204	0.21011	34.30658	567.49785
8638	179	25	0.19395	2	10	1.00	5	3	641	0.46649	0.01090	24.94562	124.32195
8638	8636	45	0.08996	10	3	2.00	5	3	15250	0.14130	0.76279	38.20022	1371.89
8638	9070	45	0.09068	10	3	2.00	5	3	14284	0.13895	0.71449	39.15644	1295.27312
8639	8637	35	0.21051	10	4	1.00	7	3	1722	0.36702	0.18304	34.41376	362.49822
8639	8641	35	0.44347	10	4	1.00	7	3	1781	0.77373	0.18926	34.38961	789.82007
8640	8612	40	0.05850	10	3	2.00	5	3	11629	0.09599	0.58168	36.56753	680.2965
8640	8642	40	0.21376	10	3	2.00	5	3	11117	0.34819	0.55607	36.83545	2376.36992
8641	8601	45	0.25195	10	3	2.00	7	3	19272	0.47598	0.96400	31.76000	4855.5804
8641	8639	35	0.44347	10	4	1.00	7	3	1722	0.77319	0.18304	34.41376	763.65534
8641	8669	45	0.55896	10	3	2.00	7	3	17438	0.94978	0.87227	35.31102	9747.14448
8642	195	25	0.12584	2	10	1.00	5	3	1059	0.30310	0.01800	24.91030	133.26456
8642	6005	30	0.03042	10	5	1.00	5	3	374	0.06104	0.04538	29.90200	11.37708
8642	8640	40	0.21376	10	3	2.00	5	3	11629	0.35074	0.58168	36.56753	2485.81504
8642	8644	40	0.18334	10	3	2.00	5	3	11278	0.29930	0.56414	36.75302	2067.70852
8643	8629	35	0.25936	10	4	1.00	7	3	891	0.44808	0.09468	34.72937	231.08976
8643	8637	35	0.28705	10	4	1.00	7	3	2035	0.50241	0.21633	34.28117	584.14675
8643	8653	35	0.20573	10	4	1.00	7	3	2985	0.36495	0.31733	33.82252	614.10405
8643	8675	25	0.28673	10	5	1.00	7	3	1173	0.69681	0.14250	24.68906	336.33429
8644	8642	40	0.18334	10	3	2.00	5	3	11788	0.30154	0.58963	36.48051	2161.21192
8644	8646	40	0.18060	10	3	2.00	5	3	11990	0.29796	0.59972	36.36705	2165.394
8644	8968	40	0.10304	10	3	2.00	5	3	6885	0.16061	0.34438	38.49464	709.4304
8644	8998	45	0.09359	10	3	2.00	5	3	9897	0.13345	0.49503	42.08032	926.26023
8645	8629	35	0.21740	10	4	1.00	7	3	569	0.37441	0.06045	34.83924	123.7006
8645	8633	30	0.35531	10	5	1.00	7	3	227	0.71186	0.02753	29.94790	80.65537
8645	8677	35	0.36012	10	4	1.00	7	3	357	0.61897	0.03791	34.90827	128.56284
8646	167	25	0.14670	2	10	1.00	5	3	126	0.35222	0.00214	24.98932	18.4842
8646	8644	40	0.18060	10	3	2.00	5	3	12465	0.30028	0.62351	36.08634	2251.179
8646	8647	40	0.37341	10	3	2.00	5	3	12119	0.61733	0.60620	36.29249	4525.35579
8647	168	25	0.36069	2	10	1.00	5	3	188	0.86621	0.00319	24.98404	67.80972
8647	169	25	0.16274	2	10	1.00	5	3	542	0.39130	0.00921	24.95403	88.20508
8647	8627	40	0.13511	10	3	2.00	0	3	12189	0.22362	0.60967	36.25199	1646.85579
8647	8646	40	0.37341	10	3	2.00	5	3	12591	0.62219	0.62980	36.00885	4701.60531
8648	932	20	0.10354	2	10	1.00	0	3	61	0.31070	0.00103	19.99587	6.31594
8648	8661	30	0.15133	10	5	1.00	0	3	62	0.30267	0.00753	29.99778	9.38246
8649	8635	25	0.20792	10	5	1.00	7	3	1160	0.50522	0.14095	24.69305	241.1872
8649	8657	35	0.20668	10	4	1.00	7	3	2243	0.36271	0.23840	34.18859	463.58324
8649	8671	25	0.47344	10	5	1.00	7	3	1097	1.14947	0.13327	24.71255	519.36368
8649	8677	35	0.45929	10	4	1.00	7	3	354	0.78940	0.03757	34.90927	162.58866
8650	150	25	0.06351	2	10	1.00	5	3	384	0.15263	0.00652	24.96742	24.38784
8650	8652	25	0.16071	10	5	1.00	1	3	4686	0.42039	0.56924	22.93751	753.08706

8650	9062	25	0.18182	10	5	2.00	5	3	5231	0.45158	0.31771	24.15757	951.10042
8651	8656	45	0.30630	10	3	3.00	8	3	30604	0.63624	1.02055	28.88550	9374.0052
8651	8667	45	0.12194	10	3	2.00	7	3	14713	0.18880	0.73593	38.75128	1794.10322
8651	8669	45	0.12310	10	3	2.00	7	3	19175	0.23093	0.95911	31.98259	2360.4425
8651	9340	45	0.19986	10	3	2.00	7	3	16828	0.33090	0.84173	36.23907	3363.24408
8652	8650	25	0.16071	10	5	1.00	5	3	5146	0.42777	0.62507	22.54202	827.01366
8652	8654	25	0.12828	10	5	1.00	1	3	5656	0.34954	0.68707	22.01919	725.55168
8652	8684	30	0.36931	10	5	1.00	1	3	1655	0.75274	0.20100	29.43707	611.20805
8652	9566	25	0.02562	10	5	1.00	1	3	696	0.06192	0.08454	24.83041	17.83152
8653	8643	35	0.20573	10	4	1.00	7	3	3049	0.36532	0.32411	33.78824	627.27077
8653	8665	45	0.29615	10	3	2.00	7	3	16239	0.47975	0.81226	37.03825	4809.17985
8653	8667	45	0.61277	10	3	2.00	7	3	13765	0.92821	0.68854	39.61002	8434.77905
8653	24904	35	0.19190	10	4	1.00	7	3	4619	0.35148	0.49101	32.75925	886.3861
8654	9	25	0.12051	2	10	1.00	1	3	436	0.28966	0.00741	24.96300	52.54236
8654	8652	25	0.12828	10	5	1.00	1	3	6011	0.35649	0.73025	21.58963	771.09108
8654	8662	25	0.05175	10	5	1.00	1	3	5642	0.14090	0.68539	22.03473	291.9735
8655	3765	40	0.10916	10	5	1.00	0	0	1116	0.16568	0.13559	39.53070	121.82256
8655	8621	45	0.16929	10	3	3.00	8	0	17598	0.24729	0.58684	41.07520	2979.16542
8655	8656	45	0.27261	10	3	3.00	8	0	18380	0.40149	0.61291	40.74054	5010.5718
8656	7359	30	0.09945	10	5	1.00	0	3	5799	0.22753	0.70442	26.22461	576.71055
8656	8651	45	0.30630	10	3	3.00	8	3	30597	0.63594	1.02031	28.89924	9371.8611
8656	8655	45	0.27261	10	3	3.00	8	0	17499	0.39782	0.58354	41.11572	4770.40239
8656	9610	35	0.14713	10	4	2.00	7	0	8591	0.26747	0.45658	33.00550	1263.99383
8657	3747	45	0.34205	10	3	3.00	0	3	27102	0.59953	0.90375	34.23195	9270.2391
8657	8649	35	0.20668	10	4	1.00	7	3	2241	0.36270	0.23816	34.18961	463.16988
8657	8659	45	0.10804	10	3	3.00	0	3	26120	0.18337	0.87102	35.35117	2822.0048
8658	8663	45	0.36705	10	3	3.00	7	3	23523	0.58389	0.78442	37.71743	8634.11715
8658	9357	45	0.35278	10	3	3.00	7	3	17861	0.51670	0.59559	40.96561	6301.00358
8658	9389	45	0.17048	10	3	2.00	7	3	16421	0.27796	0.82136	36.80094	2799.45208
8658	9585	45	0.20715	9	3	2.00	100	3	14233	0.31705	0.71192	39.20301	2948.36595
8659	8657	45	0.10804	10	3	3.00	0	3	26081	0.18316	0.86972	35.39254	2817.79124
8659	8663	45	0.16943	10	3	3.00	7	3	26120	0.28757	0.87102	35.35117	4425.5116
8660	3737	35	0.17800	10	5	1.00	0	3	5459	0.34313	0.66319	31.12545	971.702
8660	3747	45	0.40090	10	3	3.00	0	3	32069	0.92561	1.06940	25.98743	12856.4621
8660	3751	45	0.19512	10	3	3.00	0	3	30843	0.41167	1.02851	28.43746	6018.08616
8660	8613	35	0.20667	10	5	1.00	0	3	1543	0.36051	0.18738	34.39695	318.89181
8661	929	25	0.09928	2	10	1.00	0	3	1	0.23827	0.00001	24.99993	0.09928
8661	8627	30	0.18361	10	5	1.00	0	3	61	0.36725	0.00743	29.99802	11.20021
8661	8648	30	0.15133	10	5	1.00	0	3	61	0.30267	0.00738	29.99814	9.23113
8662	8654	25	0.05175	10	5	1.00	1	3	5908	0.14294	0.71773	21.72053	305.739
8662	8664	25	0.08229	10	5	1.00	1	3	5844	0.22650	0.70991	21.79954	480.90276
8662	8672	30	0.15876	10	5	1.00	1	3	3023	0.33115	0.36717	28.76458	479.93148
8663	1107	20	0.24058	2	10	1.00	7	3	2603	0.72813	0.04427	19.82448	626.22974
8663	8658	45	0.36705	10	3	3.00	7	3	23517	0.58382	0.78422	37.72217	8631.91485
8663	8659	45	0.16943	10	3	3.00	7	3	26081	0.28723	0.86972	35.39254	4418.90383
8664	8662	25	0.08229	10	5	1.00	1	3	6674	0.23971	0.81076	20.59815	549.20346
8664	8666	25	0.10916	10	5	1.00	1	3	5501	0.29517	0.66824	22.18870	600.48916
8664	8692	30	0.20077	10	5	1.00	1	3	361	0.40280	0.04389	29.90587	72.47797
8665	8653	45	0.29615	10	3	2.00	7	3	16288	0.48057	0.81473	36.97465	4823.6912
8665	9368	45	0.18912	10	3	2.00	7	3	16239	0.30636	0.81226	37.03825	3071.11968
8666	8	25	0.12820	2	10	1.00	1	3	669	0.30838	0.01138	24.94324	85.7658
8666	8664	25	0.10916	10	5	1.00	1	3	6285	0.30874	0.76352	21.21359	686.0706
8666	8668	25	0.06318	10	5	1.00	1	3	5699	0.17254	0.69225	21.97083	360.06282
8667	205	25	0.10817	2	10	1.00	7	3	1379	0.26082	0.02346	24.88327	149.16643
8667	8651	45	0.12194	10	3	2.00	7	3	13765	0.18471	0.68854	39.61002	1678.5041
8667	8653	45	0.61277	10	3	2.00	7	3	13904	0.93097	0.69546	39.49279	8519.95408
8668	37	25	0.21623	2	10	1.00	1	3	737	0.52026	0.01253	24.93749	159.36151
8668	8666	25	0.06318	10	5	1.00	1	3	6457	0.18091	0.78438	20.95469	407.95326

8668	8670	25	0.21799	10	5	1.00	1	3	5886	0.60140	0.71497	21.74867	1283.08914
8669	205	25	0.11747	2	10	1.00	7	3	419	0.28233	0.00712	24.96445	49.21993
8669	926	25	0.07228	2	10	1.00	7	3	3040	0.17527	0.05170	24.74414	219.7312
8669	8641	45	0.55896	10	3	2.00	7	3	17544	0.95441	0.87753	35.13967	9806.39424
8669	8651	45	0.12310	10	3	2.00	7	3	19878	0.24385	0.99431	30.28818	2446.9818
8670	7	25	0.15682	2	10	1.00	1	3	651	0.37721	0.01107	24.94476	102.08982
8670	36	25	0.11679	2	10	1.00	1	3	1243	0.28148	0.02115	24.89471	145.16997
8670	8668	25	0.21799	10	5	1.00	1	3	7166	0.66570	0.87055	19.64786	1562.11634
8670	9024	25	0.17615	10	5	1.00	1	3	6899	0.52344	0.83805	20.19097	1215.25885
8671	313	25	0.07796	2	10	1.00	7	3	901	0.18769	0.01531	24.92366	70.24196
8671	8649	25	0.47344	10	5	1.00	7	3	1102	1.14954	0.13385	24.71107	521.73088
8671	8673	25	0.33787	10	5	1.00	7	3	802	0.81742	0.09738	24.80029	270.97174
8672	37	25	0.20473	2	10	1.00	1	3	1035	0.49309	0.01760	24.91233	211.89555
8672	39	25	0.19352	2	10	1.00	1	3	435	0.46513	0.00740	24.96306	84.1812
8672	8662	30	0.15876	10	5	1.00	1	3	2459	0.32768	0.29866	29.06952	390.39084
8672	8674	30	0.17255	10	5	1.00	1	3	2747	0.35799	0.33364	28.91933	473.99485
8673	315	25	0.06120	2	10	1.00	7	3	1058	0.14742	0.01799	24.91038	64.7496
8673	8671	25	0.33787	10	5	1.00	7	3	806	0.81747	0.09797	24.79891	272.32322
8673	8675	25	0.33703	10	5	1.00	7	3	943	0.81674	0.11459	24.75888	317.81929
8674	38	25	0.13166	2	10	1.00	1	3	1141	0.31722	0.01940	24.90335	150.22406
8674	8672	30	0.17255	10	5	1.00	1	3	2338	0.35541	0.28398	29.12939	403.4219
8674	9014	30	0.21056	10	5	1.00	1	3	2255	0.43311	0.27397	29.16921	474.8128
8674	9569	30	0.00189	10	5	1.00	5	3	1244	0.00384	0.15117	29.60001	2.35116
8675	316	25	0.11957	2	10	1.00	7	3	353	0.28731	0.00601	24.97000	42.20821
8675	8643	25	0.28673	10	5	1.00	7	3	1168	0.69677	0.14192	24.69056	334.90064
8675	8673	25	0.33703	10	5	1.00	7	3	948	0.81679	0.11518	24.75745	319.50444
8676	152	25	0.18098	2	10	1.00	5	3	520	0.43513	0.00884	24.95588	94.1096
8676	5960	45	0.13017	10	3	2.00	5	3	13807	0.19735	0.69060	39.57537	1797.25719
8676	8678	45	0.17220	10	3	2.00	5	3	13112	0.25746	0.65588	40.13029	2257.8864
8677	315	25	0.59157	2	10	1.00	7	3	7	1.41979	0.00012	24.99940	4.14099
8677	8645	35	0.36012	10	4	1.00	7	3	361	0.61899	0.03832	34.90703	130.00332
8677	8649	35	0.45929	10	4	1.00	7	3	350	0.78937	0.03716	34.91052	160.7515
8678	8676	45	0.17220	10	3	2.00	5	3	13276	0.25827	0.66409	40.00448	2286.1272
8678	8680	45	0.21231	10	3	2.00	5	3	14411	0.32631	0.72086	39.03902	3059.59941
8678	8684	30	0.13591	10	5	1.00	5	3	2291	0.27974	0.27833	29.15196	311.36981
8678	9568	30	0.04972	10	5	1.00	5	3	1273	0.10081	0.15460	29.58926	63.29356
8679	928	25	0.11750	2	10	1.00	0	3	1214	0.28317	0.02064	24.89721	142.645
8679	8627	30	0.12339	10	5	1.00	0	3	1214	0.25002	0.14745	29.61160	149.79546
8680	153	25	0.13249	2	10	1.00	5	3	792	0.31884	0.01348	24.93279	104.93208
8680	172	25	0.16847	2	10	1.00	5	3	495	0.40502	0.00842	24.95795	83.39265
8680	8678	45	0.21231	10	3	2.00	5	3	14739	0.32895	0.73723	38.72559	3129.23709
8680	8682	45	0.23021	10	3	2.00	5	3	14215	0.35219	0.71105	39.21879	3272.43515
8682	170	25	0.09203	2	10	1.00	5	3	225	0.22103	0.00382	24.98089	20.70675
8682	171	25	0.10106	2	10	1.00	5	3	173	0.24270	0.00294	24.98532	17.48338
8682	8680	45	0.23021	10	3	2.00	5	3	14546	0.35496	0.72758	38.91248	3348.63466
8682	9032	45	0.07983	10	3	2.00	5	3	14245	0.12221	0.71254	39.19186	1137.17835
8684	152	25	0.11461	2	10	1.00	5	3	558	0.27559	0.00949	24.95265	63.95238
8684	8652	30	0.36931	10	5	1.00	5	3	1791	0.75422	0.21760	29.37938	661.43421
8684	8678	30	0.13591	10	5	1.00	5	3	2144	0.27907	0.26049	29.22160	291.39104
8686	10	25	0.12673	2	10	1.00	1	3	1258	0.30545	0.02140	24.89345	159.42634
8686	8688	30	0.11479	10	5	1.00	1	3	1088	0.23222	0.13211	29.65856	124.89152
8686	9028	30	0.20117	10	5	1.00	1	3	1653	0.41003	0.20084	29.43763	332.53401
8688	7	25	0.09988	2	10	1.00	1	3	581	0.24019	0.00988	24.95072	58.03028
8688	8686	30	0.11479	10	5	1.00	1	3	854	0.23157	0.10378	29.74204	98.03066
8688	8690	30	0.33089	10	5	1.00	1	3	785	0.66699	0.09537	29.76607	259.74865
8690	8688	30	0.33089	10	5	1.00	1	3	624	0.66577	0.07581	29.82061	206.47536
8690	8692	30	0.05202	10	5	1.00	1	3	785	0.10485	0.09537	29.76607	40.8357
8692	8	25	0.14814	2	10	1.00	1	3	166	0.35575	0.00282	24.98591	24.59124

8692	9	25	0.15551	2	10	1.00	1	3	222	0.37350	0.00377	24.98118	34.52322
8692	8664	30	0.20077	10	5	1.00	1	3	407	0.40299	0.04946	29.89134	81.71339
8692	8690	30	0.05202	10	5	1.00	1	3	624	0.10466	0.07581	29.82061	32.46048
8694	157	25	0.07804	2	10	1.00	5	3	686	0.18773	0.01166	24.94183	53.53544
8694	158	25	0.11984	2	10	1.00	5	3	339	0.28794	0.00577	24.97120	40.62576
8694	8636	30	0.07283	10	5	1.00	5	3	1421	0.14796	0.17257	29.53182	103.49143
8694	8696	30	0.35838	10	5	1.00	5	3	672	0.72146	0.08167	29.80447	240.83136
8696	156	25	0.14023	2	10	1.00	5	3	467	0.33709	0.00794	24.96038	65.48741
8696	159	25	0.10894	2	10	1.00	5	3	242	0.26168	0.00412	24.97944	26.36348
8696	8694	30	0.35838	10	5	1.00	5	3	662	0.72137	0.08040	29.80799	237.24756
8696	8698	30	0.17931	10	5	1.00	5	3	439	0.36005	0.05331	29.88118	78.71709
8698	8696	30	0.17931	10	5	1.00	5	3	471	0.36018	0.05727	29.87068	84.45501
8698	8700	30	0.11098	9	5	1.00	100	0	256	0.22242	0.03108	29.93888	28.41088
8698	8702	45	0.13585	10	3	2.00	5	3	13137	0.20321	0.65713	40.11131	1784.66145
8698	8982	45	0.12634	10	3	2.00	5	3	13108	0.18888	0.65565	40.13376	1656.06472
8700	8698	30	0.11098	9	5	1.00	100	0	167	0.22222	0.02026	29.96621	18.53366
8702	54	25	0.12516	1	10	1.00	100	0	1544	0.30195	0.02625	24.86943	193.24704
8702	156	25	0.18939	2	10	1.00	5	3	571	0.45542	0.00971	24.95152	108.14169
8702	8698	45	0.13585	10	3	2.00	5	3	13180	0.20337	0.65924	40.07919	1790.503
8702	8704	45	0.12060	10	3	2.00	5	3	13620	0.18212	0.68125	39.73085	1642.572
8704	8702	45	0.12060	10	3	2.00	5	3	13626	0.18215	0.68156	39.72573	1643.2956
8704	8706	45	0.06496	10	3	2.00	1	3	13571	0.09801	0.67883	39.77037	881.57216
8704	8714	30	0.15876	10	5	1.00	1	0	636	0.31947	0.07728	29.81657	100.97136
8706	155	25	0.03693	2	10	1.00	5	3	58	0.08865	0.00098	24.99508	2.14194
8706	8704	45	0.06496	10	3	2.00	5	3	13602	0.09807	0.68039	39.74498	883.58592
8706	8708	45	0.10909	10	3	2.00	1	3	13590	0.16464	0.67977	39.75496	1482.5331
8708	44	25	0.08224	2	10	1.00	1	3	1761	0.19856	0.02995	24.85116	144.82464
8708	154	25	0.11294	2	10	1.00	5	3	416	0.27144	0.00707	24.96472	46.98304
8708	8706	45	0.10909	10	3	2.00	5	3	13621	0.16475	0.68133	39.72950	1485.91489
8708	9062	45	0.06496	10	3	2.00	1	3	13467	0.09780	0.67360	39.85462	874.81632
8714	45	25	0.12244	2	10	1.00	1	0	140	0.29399	0.00237	24.98814	17.1416
8714	54	25	0.13617	1	10	1.00	100	0	602	0.32747	0.01024	24.94888	81.97434
8714	8704	30	0.15876	10	5	1.00	1	0	611	0.31938	0.07426	29.82487	97.00236
8714	9006	30	0.39205	10	5	1.00	1	0	1174	0.79397	0.14257	29.62668	460.2667
8716	11	25	0.03278	2	10	1.00	1	3	2926	0.07947	0.04976	24.75367	95.91428
8716	8718	25	0.14332	10	5	1.00	1	3	2091	0.35283	0.25395	24.37207	299.68212
8716	9024	25	0.14181	10	5	1.00	1	3	6157	0.39767	0.74790	21.39552	873.12417
8718	8716	25	0.14332	10	5	1.00	1	3	4736	0.37555	0.57528	22.89767	678.76352
8718	8720	25	0.23545	10	5	1.00	1	3	8911	1.01063	1.08250	13.97829	2098.09495
8718	9028	25	0.28674	10	5	1.00	1	3	5353	0.77006	0.65025	22.34153	1534.91922
8720	15	25	0.17001	2	10	1.00	1	3	1483	0.41008	0.02522	24.87453	252.12483
8720	8718	25	0.23545	10	5	1.00	1	3	10073	1.53350	1.22364	9.21213	2371.68785
8720	8822	30	0.07197	10	5	1.00	1	3	9810	0.35370	1.19173	12.20920	706.0257
8720	8864	30	0.35513	10	5	1.00	1	3	2357	0.73173	0.28637	29.11976	837.04141
8720	8878	25	0.37356	10	5	1.00	1	3	1756	0.91502	0.21329	24.49546	655.97136
8722	8724	33	0.17740	10	5	1.00	1	3	1736	0.32910	0.21088	32.34324	307.9664
8722	8864	30	0.15418	10	5	1.00	1	3	1613	0.31408	0.19592	29.45439	248.69234
8723	330	25	0.23545	2	10	1.00	1	3	3531	0.57186	0.06005	24.70332	831.37395
8723	332	25	0.08392	2	10	1.00	1	3	7578	0.20660	0.12888	24.37180	635.94576
8723	8725	40	0.26344	10	3	2.00	0	0	14848	0.46048	0.74268	34.32658	3911.55712
8723	9087	40	0.18389	10	3	2.00	0	0	20028	0.41513	1.00180	26.57771	3682.94892
8724	8722	33	0.17740	10	5	1.00	1	3	1613	0.32852	0.19592	32.39983	286.1462
8724	8726	33	0.08300	10	5	1.00	1	3	1736	0.15398	0.21088	32.34324	144.088
8725	8723	40	0.26344	10	3	2.00	0	0	13100	0.44302	0.65527	35.67958	3451.064
8725	16067	40	0.25427	10	3	2.00	0	0	14848	0.44445	0.74268	34.32658	3775.40096
8726	18	25	0.07083	2	10	1.00	1	3	1044	0.17060	0.01776	24.91151	73.94652
8726	8724	33	0.08300	10	5	1.00	1	3	1613	0.15371	0.19592	32.39983	133.879
8726	8728	33	0.16897	10	5	1.00	1	3	1853	0.31400	0.22513	32.28787	313.10141

8728	19	25	0.26141	2	10	1.00	1	3	92	0.62757	0.00156	24.99219	24.04972
8728	8726	33	0.16897	10	5	1.00	1	3	1730	0.31343	0.21016	32.34600	292.3181
8728	8730	30	0.12897	10	5	1.00	1	3	1761	0.26328	0.21398	29.39212	227.11617
8730	8728	30	0.12897	10	5	1.00	1	3	1627	0.26277	0.19766	29.44847	209.83419
8730	8732	32	0.21236	10	5	1.00	1	3	3790	0.42258	0.46036	30.15264	804.8444
8730	8866	32	0.17425	10	5	1.00	1	3	3928	0.34799	0.47712	30.04446	684.454
8732	21	25	0.12414	2	10	1.00	1	3	778	0.29873	0.01324	24.93398	96.58092
8732	8730	32	0.21236	10	5	1.00	1	3	3569	0.42029	0.43355	30.31686	757.91284
8732	8734	35	0.48343	10	5	1.00	1	3	3612	0.87563	0.43872	33.12535	1746.14916
8734	22	25	0.07920	2	10	1.00	1	3	612	0.19047	0.01041	24.94804	48.4704
8734	8732	35	0.48343	10	5	1.00	1	3	3391	0.87114	0.41191	33.29604	1639.31113
8734	8736	35	0.41762	10	5	1.00	1	3	3666	0.75743	0.44528	33.08194	1530.99492
8736	23	25	0.15839	2	10	1.00	1	3	950	0.38136	0.01615	24.91951	150.4705
8736	8734	35	0.41762	10	5	1.00	1	3	3445	0.75348	0.41847	33.25526	1438.7009
8736	9040	30	0.07712	10	5	1.00	1	3	4278	0.16592	0.51969	27.88915	329.91936
8738	178	25	0.01345	2	10	1.00	5	3	1785	0.03247	0.03036	24.84912	24.00825
8738	8740	35	0.22741	10	2	3.00	1	3	32991	0.53133	0.93511	25.68010	7502.48331
8738	9082	35	0.19697	10	3	3.00	1	3	33041	0.63521	1.10182	18.60520	6508.08577
8740	320	25	0.12796	2	10	1.00	1	3	58	0.30717	0.00098	24.99511	7.42168
8740	321	25	0.15277	2	10	1.00	1	3	1346	0.36832	0.02289	24.88605	205.62842
8740	8738	35	0.22741	10	2	3.00	1	3	32988	0.53128	0.93503	25.68255	7501.80108
8740	9044	35	0.07174	10	3	3.00	1	3	31769	0.20800	1.05940	20.69409	2279.10806
8742	218	25	0.02867	2	10	1.00	4	3	983	0.06905	0.01672	24.91667	28.18261
8742	8744	45	0.30329	10	3	3.00	4	3	28684	0.56691	0.95651	32.09932	8699.57036
8742	9044	45	0.27180	10	3	3.00	4	3	27217	0.47836	0.90760	34.09088	7397.5806
8744	219	25	0.08025	2	10	1.00	4	3	641	0.19302	0.01090	24.94562	51.44025
8744	5532	30	0.20849	10	5	1.00	4	3	823	0.42044	0.10001	29.75286	171.58727
8744	8742	45	0.30329	10	3	3.00	4	3	27236	0.53415	0.90822	34.06799	8260.40644
8744	8746	45	0.18630	10	3	3.00	4	3	28871	0.35131	0.96274	31.81795	5378.6673
8744	8890	30	0.27047	10	5	1.00	4	3	1530	0.55034	0.18586	29.48815	413.8191
8746	216	25	0.09852	2	10	1.00	4	3	587	0.23691	0.00998	24.95018	57.83124
8746	8744	45	0.18630	10	3	3.00	4	3	26970	0.32503	0.89937	34.39041	5024.511
8746	8748	45	0.19060	10	3	3.00	4	3	28283	0.34994	0.94316	32.68073	5390.7398
8748	5524	45	0.09655	10	3	3.00	4	3	20296	0.14554	0.67681	39.80304	1959.5788
8748	5648	45	0.07437	10	3	3.00	4	3	30985	0.15843	1.03325	28.16548	2304.35445
8748	5958	45	0.06795	10	3	3.00	4	3	34142	0.18916	1.13853	21.55333	2319.9489
8748	8746	45	0.19060	10	3	3.00	4	3	26358	0.32588	0.87895	35.09304	5023.8348
8750	5958	45	0.11561	10	3	3.00	4	3	35807	0.38152	1.19404	18.18234	4139.64727
8750	8752	45	0.21540	10	3	3.00	4	3	26546	0.37050	0.88521	34.88332	5718.0084
8750	8892	30	0.17775	10	5	1.00	4	3	10261	1.03490	1.24651	10.30542	1823.89275
8752	5662	45	0.12310	10	3	3.00	4	3	26546	0.21173	0.88521	34.88332	3267.8126
8752	8750	45	0.21540	10	3	3.00	4	3	27432	0.38212	0.91476	33.82248	5908.8528
8754	1297	25	0.09075	2	10	1.00	4	3	580	0.21823	0.00987	24.95074	52.635
8754	5662	45	0.19593	10	3	3.00	4	3	27586	0.34961	0.91991	33.62466	5404.92498
8754	9801	30	0.05704	10	5	1.00	4	3	12755	0.68698	1.54944	4.98161	727.5452
8754	9802	45	0.05652	10	3	4.00	4	3	35448	0.09735	0.88654	34.83815	2003.52096
8758	226	25	0.15314	2	10	1.00	4	3	764	0.36848	0.01299	24.93521	116.99896
8758	234	25	0.22142	2	10	1.00	4	3	4968	0.54039	0.08448	24.58461	1100.01456
8758	8762	45	0.12697	10	3	4.00	4	3	30759	0.20016	0.76929	38.05911	3905.47023
8758	9802	45	0.14703	10	3	4.00	4	3	36467	0.26004	0.91204	33.92527	5361.74301
8760	234	25	0.19716	2	10	1.00	4	3	8220	0.48641	0.13980	24.32002	1620.6552
8760	5954	30	0.14085	10	5	1.00	4	3	5184	0.31291	0.62975	27.00714	730.1664
8760	8761	45	0.16240	10	3	4.00	4	3	38765	0.30930	0.96952	31.50394	6295.436
8760	8762	45	0.11945	10	3	4.00	4	3	31457	0.19029	0.78673	37.66364	3757.53865
8761	229	25	0.10892	2	10	1.00	4	3	885	0.26219	0.01504	24.92500	96.3942
8761	8760	45	0.16240	10	3	4.00	4	3	38676	0.30827	0.96728	31.60867	6280.9824
8761	8833	45	0.08590	10	3	4.00	4	3	40006	0.17199	1.00055	29.96555	3436.5154
8762	228	25	0.18209	2	10	1.00	4	3	768	0.43817	0.01306	24.93485	139.84512

8762	8758	45	0.12697	10	3	4.00	4	3	31457	0.20227	0.78673	37.66364	3994.09529
8762	8760	45	0.11945	10	3	4.00	4	3	30043	0.18644	0.75136	38.44085	3588.63635
8765	230	25	0.15563	2	10	1.00	4	3	0	0.37351	0.00000	25.00000	0
8765	1296	25	0.05999	2	10	1.00	4	3	525	0.14424	0.00893	24.95543	31.49475
8765	7150	45	0.29414	10	3	3.00	4	3	37792	1.18994	1.26024	14.83154	11116.13888
8765	8833	45	0.22486	10	3	4.00	4	3	35001	0.38317	0.87538	35.21000	7870.32486
8765	8898	30	0.29459	10	5	1.00	4	3	3326	0.61844	0.40409	28.58046	979.80634
8767	234	25	0.18775	2	10	1.00	4	3	6663	0.46081	0.11332	24.44594	1250.97825
8767	8836	40	0.09761	10	3	3.00	4	3	30915	0.23283	1.03093	25.15480	3017.61315
8767	8837	40	0.17409	10	3	3.00	4	3	34827	0.58410	1.16138	17.88329	6063.03243
8768	7151	45	0.06371	10	3	3.00	4	3	35834	0.21082	1.19493	18.13159	2282.98414
8768	8769	45	0.17027	10	3	4.00	0	3	44410	0.43758	1.11070	23.34661	7561.6907
8768	8770	40	0.18941	10	3	2.00	3	3	12943	0.31759	0.64743	35.78365	2451.53363
8768	8938	40	0.13236	10	3	2.00	3	3	11656	0.21727	0.58305	36.55271	1542.78816
8769	877	20	0.04544	3	10	3.00	0	3	671	0.13643	0.00380	19.98481	30.49024
8769	5556	45	0.06686	10	3	4.00	0	3	43836	0.16525	1.09634	24.27446	2930.87496
8769	8768	45	0.17027	10	3	4.00	0	3	39664	0.33598	0.99199	30.40649	6753.58928
8770	271	25	0.02758	2	10	1.00	3	3	1148	0.06644	0.01952	24.90278	31.66184
8770	8768	40	0.18941	10	3	2.00	3	3	16719	0.35131	0.83629	32.34965	3166.74579
8770	8772	40	0.18732	10	3	2.00	3	3	13276	0.31607	0.66404	35.56019	2486.86032
8772	8770	40	0.18732	10	3	2.00	3	3	17051	0.35209	0.85290	31.92187	3193.99332
8772	8903	40	0.02781	10	3	4.00	3	3	42782	0.07233	1.06997	23.06835	1189.76742
8772	8904	40	0.16683	10	3	3.00	3	3	31379	0.41109	1.04640	24.34992	5234.95857
8774	26	25	0.10324	2	10	1.00	1	3	412	0.24812	0.00700	24.96503	42.53488
8774	8776	40	0.17492	10	3	2.00	1	3	19041	0.36576	0.95242	28.69398	3330.65172
8774	8900	40	0.08039	10	3	2.00	1	3	18061	0.15847	0.90344	30.43871	1451.92379
8776	8774	40	0.17492	10	3	2.00	1	3	17731	0.33902	0.88690	30.95649	3101.50652
8776	8778	35	0.10132	10	4	2.00	1	3	9302	0.18572	0.49437	32.73412	942.47864
8776	8826	40	0.20326	10	3	2.00	1	3	18198	0.40363	0.91027	30.21471	3698.92548
8778	26	25	0.12255	2	10	1.00	1	3	292	0.29442	0.00497	24.97519	35.7846
8778	8776	35	0.10132	10	4	2.00	1	3	8503	0.18401	0.45191	33.03734	861.52396
8778	8780	40	0.20563	10	3	2.00	1	3	21921	0.57204	1.09651	21.56786	4507.61523
8778	8828	45	0.19016	10	2	2.00	1	3	26104	0.48758	1.10987	23.40068	4963.93664
8780	78	25	0.04981	2	10	1.00	1	3	1673	0.12023	0.02845	24.85853	83.33213
8780	8778	40	0.20563	10	3	2.00	1	3	21046	0.51379	1.05271	24.01301	4327.68898
8780	8936	40	0.09515	10	3	2.00	1	3	22056	0.26951	1.10322	21.18261	2098.6284
8782	79	25	0.05113	2	10	1.00	1	3	3379	0.12413	0.05747	24.71590	172.76827
8782	8784	35	0.32960	10	3	2.00	1	3	14241	0.64870	0.71235	30.48515	4693.8336
8782	8936	35	0.12008	10	3	2.00	1	3	14575	0.23822	0.72902	30.24381	1750.166
8784	55	25	0.06984	2	10	1.00	1	3	2213	0.16887	0.03763	24.81324	154.55592
8784	8782	35	0.32960	10	3	2.00	1	3	13675	0.64069	0.68403	30.86621	4507.28
8784	8786	35	0.14609	10	3	2.00	1	3	9848	0.26767	0.49261	32.74731	1438.69432
8784	8862	22	0.17137	10	5	1.00	1	3	4111	0.50032	0.49942	20.55167	704.50207
8786	55	25	0.13143	2	10	1.00	1	3	2142	0.31773	0.03643	24.81914	281.52306
8786	56	25	0.07371	2	10	1.00	1	3	2171	0.17820	0.03691	24.81678	160.02441
8786	8784	35	0.14609	10	3	2.00	1	3	9922	0.26789	0.49628	32.71972	1449.50498
8786	8788	35	0.11026	10	3	2.00	1	3	13217	0.21237	0.66110	31.15056	1457.30642
8788	60	25	0.09089	2	10	1.00	1	3	1295	0.21909	0.02203	24.89035	117.70255
8788	8786	35	0.11026	10	3	2.00	1	3	13007	0.21153	0.65060	31.27411	1434.15182
8788	8790	35	0.06508	10	3	2.00	1	3	17350	0.14162	0.86783	27.57428	1129.138
8788	8966	40	0.05742	10	3	2.00	1	3	27310	0.35002	1.36602	9.84248	1568.1402
8790	62	25	0.16846	2	10	1.00	1	3	525	0.40502	0.00892	24.95548	88.4415
8790	8788	35	0.06508	10	3	2.00	1	3	20380	0.17343	1.01939	22.51670	1326.3304
8790	8792	35	0.06117	10	3	2.00	1	3	17029	0.13129	0.85181	27.95690	1041.66393
8792	8790	35	0.06117	10	3	2.00	1	3	20010	0.15759	1.00092	23.29162	1224.0117
8792	8794	35	0.07190	10	3	2.00	1	3	15257	0.14523	0.76314	29.70553	1096.9783
8792	8846	30	0.11289	10	4	1.00	1	3	2742	0.23278	0.29141	29.09928	309.54438
8794	61	25	0.06859	2	10	1.00	1	3	463	0.16487	0.00787	24.96072	31.75717

8794	5946	35	0.05655	10	3	2.00	1	3	9995	0.10378	0.49997	32.69171	565.21725
8794	8792	35	0.07190	10	3	2.00	1	3	14026	0.14082	0.70157	30.63439	1008.4694
8794	9554	25	0.22404	10	4	1.00	1	3	5280	0.58473	0.56127	22.98910	1182.9312
8796	63	25	0.18196	2	10	1.00	1	3	670	0.43770	0.01139	24.94320	121.9132
8796	1188	25	0.04916	2	10	1.00	1	3	678	0.11825	0.01153	24.94250	33.33048
8796	5946	35	0.05170	10	3	2.00	1	3	12291	0.09796	0.61480	31.66745	635.4447
8796	8798	35	0.13206	10	3	2.00	1	3	8158	0.23781	0.40805	33.31976	1077.34548
8798	8796	35	0.13206	10	3	2.00	1	3	11665	0.24777	0.58346	31.97966	1540.4799
8798	8800	35	0.11858	10	3	2.00	1	3	8541	0.21429	0.42722	33.19987	1012.79178
8800	8798	35	0.11858	10	3	2.00	1	3	10664	0.21941	0.53340	32.42533	1264.53712
8800	8802	35	0.21045	10	3	1.00	1	3	5535	0.39151	0.55371	32.25180	1164.84075
8800	8860	25	0.15018	10	5	1.00	1	3	3009	0.37582	0.36547	23.97723	451.89162
8802	31	25	0.18056	2	10	1.00	1	3	1814	0.43602	0.03084	24.84673	327.53584
8802	8800	35	0.21045	10	3	1.00	1	3	5664	0.39292	0.56663	32.13633	1191.9888
8802	8804	35	0.10892	10	3	1.00	1	3	9503	0.25966	0.95064	25.16769	1035.06676
8802	8860	25	0.15567	10	5	1.00	1	3	5902	0.42986	0.71695	21.72849	918.76434
8804	5916	35	0.32195	10	4	1.00	1	3	8079	0.69499	0.85874	27.79443	2601.03405
8804	8802	35	0.10892	10	3	1.00	1	3	10108	0.28582	1.01124	22.86423	1100.96336
8804	8806	30	0.25436	10	3	1.00	1	3	9782	0.73674	0.97856	20.71539	2488.14952
8804	8810	30	0.23798	10	3	1.00	1	3	8538	0.59702	0.85413	23.91677	2031.87324
8806	31	25	0.14591	2	10	1.00	1	3	99	0.35031	0.00169	24.99154	14.44509
8806	32	25	0.04623	2	10	1.00	1	3	4882	0.11280	0.08303	24.59162	225.69486
8806	33	25	0.17174	2	10	1.00	1	3	84	0.41229	0.00142	24.99289	14.42616
8806	8804	30	0.25436	10	3	1.00	1	3	9961	0.75865	0.99651	20.11693	2533.67996
8806	8808	30	0.27936	10	3	1.00	1	3	10161	0.86368	1.01648	19.40725	2838.57696
8808	5918	35	0.25626	10	3	2.00	1	3	12877	0.49047	0.64413	31.34836	3299.86002
8808	5922	23	0.23257	10	5	1.00	1	3	1791	0.61952	0.21753	22.52439	416.53287
8808	5938	25	0.03452	10	5	1.00	1	3	3190	0.08671	0.38756	23.88729	110.1188
8808	8806	30	0.27936	10	3	1.00	1	3	10336	0.89417	1.03406	18.74566	2887.46496
8810	28	25	0.05791	2	10	1.00	1	3	5145	0.14141	0.08751	24.57000	297.94695
8810	8804	30	0.23798	10	3	1.00	1	3	8338	0.58752	0.83409	24.30333	1984.27724
8810	8812	30	0.17318	10	3	1.00	1	3	9056	0.45637	0.90592	22.76841	1568.31808
8810	8860	20	0.07189	10	5	1.00	1	3	1949	0.22076	0.23676	19.54034	140.11361
8812	8810	30	0.17318	10	3	1.00	1	3	9430	0.47708	0.94341	21.77992	1633.0874
8812	8816	30	0.18120	10	3	1.00	1	3	6058	0.39939	0.60604	27.22076	1097.7096
8812	8852	25	0.06755	10	3	2.00	1	3	3520	0.16475	0.17606	24.60038	237.776
8816	27	25	0.04277	2	10	1.00	1	3	2675	0.10359	0.04549	24.77460	114.40975
8816	8812	30	0.18120	10	3	1.00	1	3	5403	0.39189	0.54056	27.74165	979.0236
8816	8818	30	0.12046	10	3	2.00	1	3	10313	0.25891	0.51585	27.91542	1242.30398
8816	8856	20	0.07447	10	5	1.00	1	3	4763	0.24417	0.57865	18.30010	354.70061
8818	8816	30	0.12046	10	3	2.00	1	3	8739	0.25447	0.43715	28.40200	1052.69994
8818	8820	30	0.05074	10	3	2.00	1	3	11091	0.11016	0.55476	27.63651	562.75734
8818	8850	30	0.19350	10	4	1.00	1	3	2832	0.39952	0.30106	29.05953	547.992
8820	27	25	0.13537	2	10	1.00	1	3	1217	0.32623	0.02070	24.89692	164.74529
8820	8818	30	0.05074	10	3	2.00	1	3	9929	0.10856	0.49663	28.04321	503.79746
8820	8822	35	0.15028	10	3	2.00	1	3	12167	0.28416	0.60857	31.73179	1828.45676
8822	24	25	0.09345	2	10	1.00	1	3	967	0.22502	0.01644	24.91805	90.36615
8822	8720	30	0.07197	10	5	1.00	1	3	10394	0.43984	1.26261	9.81809	748.05618
8822	8820	35	0.15028	10	3	2.00	1	3	11117	0.27976	0.55605	32.23114	1670.66276
8822	8824	40	0.38184	10	3	2.00	1	3	18008	0.75056	0.90077	30.52453	6876.17472
8824	8822	40	0.38184	10	3	2.00	1	3	17542	0.73342	0.87744	31.23803	6698.23728
8824	8826	40	0.12667	10	3	2.00	1	3	16770	0.23541	0.83886	32.28530	2124.2559
8824	8878	25	0.09603	10	5	1.00	1	3	4128	0.24684	0.50145	23.34311	396.41184
8826	25	25	0.13801	2	10	1.00	1	3	1749	0.33321	0.02975	24.85212	241.37949
8826	8776	40	0.20326	10	3	2.00	1	3	17687	0.39312	0.88472	31.02238	3595.05962
8826	8824	40	0.12667	10	3	2.00	1	3	17281	0.24045	0.86441	31.60910	2188.98427
8828	231	25	0.30377	2	10	1.00	4	3	0	0.72904	0.00000	25.00000	0
8828	8778	45	0.19016	10	2	2.00	1	3	26100	0.48733	1.10968	23.41279	4963.176

8828	8830	45	0.25690	10	3	3.00	4	3	25727	0.43103	0.85792	35.76054	6609.2663
8828	8874	30	0.19322	10	5	1.00	1	3	2307	0.39779	0.28027	29.14422	445.75854
8830	20	25	0.16477	2	10	1.00	1	3	2202	0.39840	0.03745	24.81414	362.82354
8830	8828	45	0.25690	10	3	3.00	4	3	25893	0.43309	0.86345	35.59016	6651.9117
8830	8831	45	0.23334	10	3	3.00	4	3	25866	0.39307	0.86254	35.61866	6035.57244
8831	229	25	0.10722	2	10	1.00	4	3	3490	0.26039	0.05936	24.70667	374.1978
8831	8830	45	0.23334	10	3	3.00	4	3	25991	0.39451	0.86671	35.48816	6064.73994
8831	8833	45	0.14926	10	3	3.00	4	3	23921	0.23944	0.79770	37.40220	3570.44846
8833	8761	45	0.08590	10	3	4.00	4	3	38676	0.16305	0.96728	31.60867	3322.2684
8833	8765	45	0.22486	10	3	4.00	4	3	33536	0.37141	0.83873	36.32448	7540.90496
8833	8831	45	0.14926	10	3	3.00	4	3	26028	0.25263	0.86795	35.44894	3884.93928
8833	8834	40	0.07276	10	3	3.00	4	3	30641	0.17043	1.02179	25.61479	2229.43916
8834	232	25	0.14436	2	10	1.00	4	3	9390	0.35752	0.15970	24.22623	1355.5404
8834	8833	40	0.07276	10	3	3.00	4	3	29952	0.16340	0.99881	26.71677	2179.30752
8834	8836	40	0.16649	10	3	3.00	4	3	27932	0.33883	0.93143	29.48211	4650.39868
8836	234	25	0.21270	2	10	1.00	4	3	739	0.51176	0.01257	24.93729	157.1853
8836	8767	40	0.09761	10	3	3.00	4	3	34827	0.32749	1.16138	17.88329	3399.46347
8836	8834	40	0.16649	10	3	3.00	4	3	29952	0.37390	0.99881	26.71677	4986.70848
8836	8898	30	0.23258	10	5	2.00	4	3	7489	0.49309	0.45486	28.30053	1741.79162
8837	8767	40	0.17409	10	3	3.00	4	3	37579	0.77558	1.25313	13.46814	6542.12811
8837	8838	40	0.03470	10	3	3.00	4	3	34827	0.11642	1.16138	17.88329	1208.4969
8838	8837	40	0.03470	10	3	3.00	4	3	24667	0.06370	0.82257	32.68317	855.9449
8838	8839	40	0.04640	10	3	3.00	4	3	30332	0.10658	1.01148	26.11897	1407.4048
8838	8844	30	0.15111	10	6	1.00	4	0	14089	0.75741	1.19807	11.97018	2128.98879
8839	8838	40	0.04640	10	3	3.00	4	3	34261	0.14702	1.14250	18.93392	1589.7104
8839	8840	40	0.07254	10	3	3.00	4	0	30943	0.17335	1.03186	25.10723	2244.60522
8840	8839	40	0.07254	10	3	3.00	4	0	34261	0.22987	1.14250	18.93392	2485.29294
8840	8841	40	0.02500	10	3	3.00	4	2	30943	0.05974	1.03186	25.10723	773.575
8841	5550	30	0.10716	10	6	1.00	4	0	10425	0.27681	0.88646	23.22721	1117.143
8841	8840	40	0.02500	10	3	3.00	4	2	31368	0.06155	1.04603	24.36938	784.2
8841	8845	40	0.02866	10	3	3.00	4	2	21108	0.04917	0.70388	34.97469	604.95528
8842	8843	30	0.13015	10	6	2.00	4	3	13523	0.28418	0.57494	27.47990	1760.01845
8842	8844	63	0.31416	10	1	3.00	4	0	55800	0.36081	0.79081	52.24125	17530.128
8843	8837	30	0.07337	10	6	2.00	4	3	12912	0.15904	0.54896	27.67992	947.35344
8843	8839	25	0.01976	10	6	1.00	4	3	611	0.04760	0.05197	24.90394	12.07336
8844	25164	63	0.02774	10	1	3.00	4	0	69889	0.03890	0.99049	42.78067	1938.72086
8845	3593	40	0.19129	10	3	3.00	4	2	31471	0.47453	1.04947	24.18661	6020.08759
8845	8841	40	0.02866	10	3	3.00	4	2	31958	0.07379	1.06568	23.30571	915.91628
8846	56	25	0.07389	2	10	1.00	1	3	1026	0.17795	0.01746	24.91303	75.81114
8846	8792	30	0.11289	10	4	1.00	1	3	6953	0.26262	0.73909	25.79260	784.92417
8846	8848	33	0.12292	10	4	1.00	1	3	2923	0.23104	0.31070	31.92095	359.29516
8848	8846	33	0.12292	10	4	1.00	1	3	7311	0.26546	0.77709	27.78251	898.66812
8848	8850	33	0.16366	10	4	1.00	1	3	6281	0.33518	0.66757	29.29674	1027.94846
8848	8862	22	0.11262	10	5	1.00	1	3	2877	0.31942	0.34950	21.15483	324.00774
8850	57	25	0.19165	2	10	1.00	1	3	510	0.46077	0.00868	24.95667	97.7415
8850	58	25	0.08978	2	10	1.00	1	3	559	0.21589	0.00951	24.95256	50.18702
8850	8818	30	0.19350	10	4	1.00	1	3	2421	0.39714	0.25733	29.23366	468.4635
8850	8848	33	0.16366	10	4	1.00	1	3	10068	0.51621	1.07016	19.02259	1647.72888
8850	8858	25	0.08142	10	5	1.00	1	3	4679	0.21293	0.56843	22.94281	380.96418
8852	8812	25	0.06755	10	3	2.00	1	3	4549	0.16574	0.22755	24.45327	307.28495
8852	8854	25	0.09237	10	3	2.00	1	3	9374	0.23569	0.46888	23.51421	865.87638
8852	8860	25	0.17999	10	5	1.00	1	3	7284	0.55707	0.88488	19.38580	1311.04716
8854	8852	25	0.09237	10	3	2.00	1	3	11319	0.24140	0.56618	22.95742	1045.53603
8854	8856	25	0.08518	10	3	2.00	1	3	13714	0.23201	0.68596	22.02948	1168.15852
8854	9022	35	0.26516	10	2	2.00	1	3	22172	0.62553	0.94270	25.43338	5879.12752
8856	30	25	0.03719	2	10	1.00	1	3	1671	0.08977	0.02842	24.85872	62.14449
8856	8816	20	0.07447	10	5	1.00	1	3	5570	0.25257	0.67665	17.69139	414.7979
8856	8854	25	0.08518	10	3	2.00	1	3	13360	0.23035	0.66824	22.18866	1138.0048

8856	8858	25	0.10025	10	5	1.00	1	3	8717	0.40649	1.05895	14.79696	873.87925
8858	8850	25	0.08142	10	5	1.00	1	3	8123	0.28673	0.98678	17.03820	661.37466
8858	8856	25	0.10025	10	5	1.00	1	3	9170	0.46790	1.11391	12.85499	919.2925
8858	9553	33	0.14892	10	4	1.00	1	3	1165	0.27365	0.12381	32.65181	173.4918
8860	29	25	0.04015	2	10	1.00	1	3	5202	0.09807	0.08846	24.56538	208.8603
8860	8800	25	0.15018	10	5	1.00	1	3	5002	0.39745	0.60765	22.67226	751.20036
8860	8802	25	0.15567	10	5	1.00	1	3	5399	0.41895	0.65591	22.29438	840.46233
8860	8810	20	0.07189	10	5	1.00	1	3	1374	0.21897	0.16689	19.70013	98.77686
8860	8852	25	0.17999	10	5	1.00	1	3	6368	0.51204	0.77362	21.09063	1146.17632
8862	57	25	0.16739	2	10	1.00	1	3	715	0.40271	0.01216	24.93934	119.68385
8862	8784	22	0.17137	10	5	1.00	1	3	3579	0.49345	0.43474	20.83800	613.33323
8862	8848	22	0.11262	10	5	1.00	1	3	3477	0.32351	0.42242	20.88766	391.57974
8864	14	25	0.13678	2	10	1.00	1	3	697	0.32904	0.01185	24.94088	95.33566
8864	17	25	0.38585	2	10	1.00	1	3	821	0.92862	0.01396	24.93042	316.78285
8864	8720	30	0.35513	10	5	1.00	1	3	2234	0.73023	0.27140	29.17930	793.36042
8864	8722	30	0.15418	10	5	1.00	1	3	1736	0.31462	0.21088	29.40294	267.65648
8866	19	25	0.15154	2	10	1.00	1	3	356	0.36415	0.00605	24.96979	53.94824
8866	8730	32	0.17425	10	5	1.00	1	3	4014	0.34880	0.48760	29.97447	699.4395
8866	8868	32	0.35153	10	5	1.00	4	3	3336	0.69200	0.40524	30.47942	1172.70408
8866	8880	30	0.17678	10	5	1.00	4	3	1463	0.35937	0.17769	29.51513	258.62914
8868	8866	32	0.35153	10	5	1.00	4	3	3436	0.69356	0.41742	30.41083	1207.85708
8868	8870	30	0.04298	10	5	1.00	4	3	3336	0.09025	0.40524	28.57446	143.38128
8870	5954	30	0.10813	10	5	1.00	4	3	5222	0.24061	0.63433	26.96405	564.65486
8870	8868	30	0.04298	10	5	1.00	4	3	3436	0.09046	0.41742	28.51015	147.67928
8870	8872	30	0.20084	10	5	1.00	1	3	3183	0.42032	0.38662	28.66950	639.27372
8872	19	25	0.28092	2	10	1.00	1	3	629	0.67565	0.01069	24.94666	176.69868
8872	8870	30	0.20084	10	5	1.00	1	3	3582	0.42411	0.43512	28.41333	719.40888
8872	8876	30	0.35356	10	5	1.00	1	3	3283	0.74153	0.39879	28.60785	1160.73748
8874	20	25	0.25626	2	10	1.00	1	3	428	0.61591	0.00728	24.96365	109.67928
8874	8828	30	0.19322	10	5	1.00	1	3	2137	0.39669	0.25959	29.22504	412.91114
8874	8876	30	0.05650	10	5	1.00	1	3	2692	0.11711	0.32697	28.94880	152.098
8876	8872	30	0.35356	10	5	1.00	1	3	3688	0.74853	0.44802	28.34022	1303.92928
8876	8874	30	0.05650	10	5	1.00	1	3	2562	0.11684	0.31124	29.01675	144.753
8876	8878	30	0.26673	10	5	1.00	1	3	3514	0.56235	0.42681	28.45927	937.28922
8878	16	25	0.13364	2	10	1.00	1	3	1810	0.32271	0.03078	24.84702	241.8884
8878	8720	25	0.37356	10	5	1.00	1	3	2457	0.92523	0.29851	24.22509	917.83692
8878	8824	25	0.09603	10	5	1.00	1	3	3151	0.24101	0.38273	23.90736	302.59053
8878	8876	30	0.26673	10	5	1.00	1	3	3789	0.56615	0.46031	28.26843	1010.63997
8880	227	25	0.05549	2	10	1.00	4	3	876	0.13358	0.01490	24.92574	48.60924
8880	8866	30	0.17678	10	5	1.00	4	3	1454	0.35932	0.17663	29.51859	257.03812
8880	8882	30	0.21861	10	5	1.00	4	3	1178	0.44275	0.14306	29.62517	257.52258
8882	8880	30	0.21861	10	5	1.00	4	3	1169	0.44270	0.14200	29.62842	255.55509
8882	8884	30	0.24767	10	5	1.00	4	3	1178	0.50161	0.14306	29.62517	291.75526
8884	1297	25	0.11460	2	10	1.00	4	3	489	0.27551	0.00832	24.95845	56.0394
8884	5662	30	0.05046	10	5	1.00	4	3	3193	0.10563	0.38785	28.66334	161.11878
8884	8882	30	0.24767	10	5	1.00	4	3	1169	0.50156	0.14200	29.62842	289.52623
8884	8886	30	0.18452	10	5	1.00	4	3	2167	0.37900	0.26323	29.21103	399.85484
8886	225	25	0.15475	2	10	1.00	4	3	1156	0.37287	0.01965	24.90211	178.891
8886	8884	30	0.18452	10	5	1.00	4	3	2092	0.37855	0.25409	29.24597	386.01584
8886	8888	30	0.21147	10	5	1.00	4	3	1397	0.42950	0.16969	29.54117	295.42359
8888	8886	30	0.21147	10	5	1.00	4	3	1322	0.42908	0.16055	29.57046	279.56334
8888	8890	30	0.18485	10	5	1.00	4	3	1397	0.37545	0.16969	29.54117	258.23545
8890	220	25	0.10804	2	10	1.00	4	3	957	0.26013	0.01627	24.91889	103.39428
8890	8744	30	0.27047	10	5	1.00	4	3	1605	0.55091	0.19501	29.45747	434.10435
8890	8888	30	0.18485	10	5	1.00	4	3	1322	0.37508	0.16055	29.57046	244.3717
8892	222	25	0.12758	2	10	1.00	4	3	1995	0.30827	0.03393	24.83150	254.5221
8892	8750	30	0.17775	10	5	1.00	4	3	10276	1.04042	1.24827	10.25075	1826.559
8892	8894	30	0.33683	10	5	1.00	4	3	8542	1.08620	1.03767	18.60610	2877.20186

8894	223	25	0.13701	2	10	1.00	4	3	6187	0.33574	0.10522	24.48477	847.68087
8894	8892	30	0.33683	10	5	1.00	4	3	8556	1.09021	1.03942	18.53771	2881.91748
8894	9800	30	0.21270	10	5	1.00	4	3	7483	0.56241	0.90904	22.69153	1591.6341
8896	9800	30	0.07153	10	5	1.00	4	3	7934	0.20265	0.96379	21.17987	567.51902
8896	9801	30	0.10864	10	5	1.00	4	3	12802	1.32219	1.55520	4.92989	1390.80928
8896	9803	30	0.07193	10	5	1.00	4	3	14294	1.16494	1.73638	3.70468	1028.16742
8898	232	25	0.11890	2	10	1.00	4	3	8588	0.29371	0.14606	24.29044	1021.1132
8898	233	25	0.32330	2	10	1.00	4	3	2339	0.78208	0.03978	24.80268	756.1987
8898	8765	30	0.29459	10	5	1.00	4	3	6750	0.71975	0.82002	24.55765	1988.4825
8898	8836	30	0.23258	10	5	1.00	4	3	6774	0.56944	0.82293	24.50597	1575.49692
8900	8774	40	0.08039	10	3	2.00	1	3	10466	0.12984	0.52349	37.15050	841.36174
8900	8901	40	0.06120	10	3	2.00	1	3	12662	0.10211	0.63337	35.96423	774.9144
8900	8958	30	0.23322	10	6	1.00	1	3	13031	0.89266	1.10811	15.67607	3039.08982
8901	8900	40	0.06120	10	3	2.00	1	3	18098	0.12088	0.90526	30.37955	1107.5976
8901	8902	40	0.09288	10	3	2.00	1	3	28290	0.63724	1.41507	8.74542	2627.5752
8902	8901	40	0.09288	10	3	2.00	1	3	18098	0.18344	0.90526	30.37955	1680.94224
8902	8903	40	0.02907	10	3	2.00	3	3	24212	0.11381	1.21108	15.32551	703.84284
8902	8949	30	0.09603	10	6	1.00	1	3	4078	0.19965	0.34679	28.85999	391.61034
8903	8772	40	0.02781	10	3	2.00	3	3	24212	0.10888	1.21108	15.32551	673.33572
8903	8902	40	0.02907	10	3	3.00	3	3	18098	0.04802	0.60351	36.32367	526.10886
8903	8950	30	0.20820	10	6	2.00	1	3	24684	0.68865	1.04948	18.13950	5139.2088
8904	255	25	0.17492	2	10	1.00	3	3	2546	0.42345	0.04330	24.78537	445.34632
8904	270	25	0.15018	2	10	1.00	3	3	22	0.36045	0.00037	24.99815	3.30396
8904	8772	40	0.16683	10	3	4.00	3	3	39506	0.36794	0.98804	27.20547	6590.78598
8904	8906	40	0.10472	10	3	3.00	3	3	30420	0.24186	1.01440	25.97780	3185.5824
8906	5614	45	0.21410	10	3	3.00	3	3	7530	0.29271	0.25109	43.88593	1612.173
8906	5616	40	0.15428	10	3	3.00	3	3	30483	0.35776	1.01651	25.87471	4702.91724
8906	8904	40	0.10472	10	3	4.00	3	3	38805	0.22470	0.97050	27.96246	4063.6596
8906	8908	40	0.15960	10	3	3.00	3	3	10337	0.24877	0.34469	38.49275	1649.7852
8908	8906	40	0.15960	10	3	3.00	3	3	11198	0.24994	0.37341	38.31264	1787.2008
8908	8910	40	0.17372	10	3	3.00	3	3	10337	0.27078	0.34469	38.49275	1795.74364
8910	252	25	0.18385	2	10	1.00	3	3	8073	0.45334	0.13729	24.33189	1484.22105
8910	6010	30	0.01474	10	5	1.00	1	3	2591	0.03049	0.31474	29.00182	38.19134
8910	8908	40	0.17372	10	3	3.00	3	3	11198	0.27205	0.37341	38.31264	1945.31656
8910	8912	40	0.14560	10	3	3.00	3	3	10721	0.22742	0.35752	38.41370	1560.9776
8912	254	25	0.08953	2	10	1.00	3	3	1934	0.21630	0.03289	24.83662	173.15102
8912	1295	25	0.08418	2	10	1.00	1	3	109	0.20212	0.00186	24.99071	9.17562
8912	8910	40	0.14560	10	3	3.00	3	3	10484	0.22713	0.34960	38.46274	1526.4704
8912	8914	45	0.10784	10	3	3.00	3	3	12743	0.15152	0.42495	42.70416	1374.20512
8914	5636	40	0.29518	10	4	2.00	1	3	12382	0.49690	0.65804	35.64225	3654.91876
8914	5952	45	0.10096	10	3	2.00	1	3	14027	0.15381	0.70161	39.38622	1416.16592
8914	8912	45	0.10784	10	3	3.00	3	3	12446	0.15124	0.41503	42.78438	1342.17664
8914	8937	30	0.05646	10	4	2.00	3	3	20721	0.21210	1.10126	15.97146	1169.90766
8916	138	25	0.10902	2	10	1.00	1	3	1012	0.26255	0.01721	24.91424	110.32824
8916	5644	30	0.17770	10	5	1.00	1	3	1703	0.36245	0.20685	29.41695	302.6231
8916	5952	45	0.09834	10	3	2.00	1	3	13966	0.14961	0.69859	39.43878	1373.41644
8916	8918	35	0.13035	10	3	2.00	1	3	12658	0.24851	0.63317	31.47092	1649.9703
8918	134	25	0.08306	2	10	1.00	1	3	4527	0.20241	0.07699	24.62087	376.01262
8918	137	25	0.10348	2	10	1.00	1	3	3919	0.25167	0.06665	24.67114	405.53812
8918	8916	35	0.13035	10	3	2.00	1	3	12737	0.24886	0.63712	31.42720	1660.26795
8918	8920	30	0.11140	10	3	2.00	1	3	15894	0.26761	0.79503	24.97779	1770.5916
8920	135	25	0.12102	2	10	1.00	1	3	424	0.29085	0.00721	24.96400	51.31248
8920	8918	30	0.11140	10	3	2.00	1	3	15973	0.26830	0.79899	24.91384	1779.3922
8920	8922	30	0.05170	10	3	2.00	1	3	15508	0.12273	0.77569	25.27791	801.7636
8922	5848	35	0.06515	10	3	3.00	1	3	26384	0.14334	0.87983	27.27180	1718.9176
8922	8920	30	0.05170	10	3	2.00	1	3	15672	0.12334	0.78391	25.15296	810.2424
8922	8924	30	0.05624	10	3	2.00	1	3	12182	0.12410	0.60934	27.19192	685.11568
8922	8964	35	0.10518	10	3	3.00	1	3	32867	0.33397	1.09601	18.89682	3456.95106

8924	81	25	0.04122	2	10	1.00	1	3	1461	0.09942	0.02485	24.87638	60.22242
8924	8922	30	0.05624	10	3	2.00	1	3	14298	0.12932	0.71518	26.09587	804.11952
8924	8925	30	0.09425	10	3	2.00	1	3	11286	0.20517	0.56450	27.56195	1063.7055
8925	8924	30	0.09425	10	3	2.00	1	3	13402	0.21255	0.67034	26.60429	1263.1385
8925	8927	30	0.11915	10	3	2.00	1	3	11286	0.25938	0.56450	27.56195	1344.7269
8926	5826	25	0.06262	10	5	1.00	1	3	3101	0.15700	0.37676	23.93184	194.18462
8926	8927	30	0.03616	10	3	2.00	1	3	13402	0.08154	0.67034	26.60429	484.61632
8926	8928	35	0.11775	10	3	2.00	1	3	8305	0.21232	0.41539	33.27446	977.91375
8927	8925	30	0.11915	10	3	2.00	1	3	13402	0.26872	0.67034	26.60429	1596.8483
8927	8926	30	0.03616	10	3	2.00	1	3	11286	0.07871	0.56450	27.56195	408.10176
8928	8926	35	0.11775	10	3	2.00	1	3	9788	0.21559	0.48960	32.76978	1152.537
8928	8930	40	0.18372	10	3	2.00	1	3	22434	0.54858	1.12215	20.09431	4121.57448
8928	8946	30	0.43736	10	6	1.00	1	3	12232	1.41778	1.04015	18.50897	5349.78752
8930	86	25	0.12044	2	10	1.00	1	3	370	0.28943	0.00630	24.96856	44.5628
8930	8928	40	0.18372	10	3	2.00	1	3	22020	0.51791	1.10145	21.28427	4045.5144
8930	8932	40	0.11477	10	3	2.00	1	3	22466	0.34427	1.12374	20.00307	2578.42282
8932	93	25	0.18361	2	10	1.00	1	3	3302	0.44561	0.05616	24.72234	606.28022
8932	5838	30	0.05739	10	5	1.00	1	3	373	0.11515	0.04530	29.90222	21.40647
8932	8930	40	0.11477	10	3	2.00	1	3	22114	0.32770	1.10616	21.01405	2538.02378
8932	8934	40	0.14527	10	3	2.00	1	3	22087	0.41324	1.10480	21.09184	3208.57849
8934	92	25	0.04365	2	10	1.00	1	3	1595	0.10534	0.02713	24.86506	69.62175
8934	5664	40	0.22011	10	3	2.00	1	3	22144	0.63102	1.10764	20.92886	4874.11584
8934	8932	40	0.14527	10	3	2.00	1	3	21763	0.39582	1.08859	22.01989	3161.51101
8936	8780	40	0.09515	10	3	2.00	1	3	21180	0.24140	1.05942	23.64924	2015.277
8936	8782	35	0.12008	10	3	2.00	1	3	15141	0.24175	0.75735	29.80138	1818.13128
8936	8937	30	0.20953	10	4	2.00	1	3	21116	0.83444	1.12226	15.06594	4424.43548
8937	138	25	0.10558	2	10	1.00	1	3	1169	0.25440	0.01987	24.90102	123.42302
8937	1295	25	0.05489	2	10	1.00	1	3	559	0.13198	0.00950	24.95258	30.68351
8937	8914	30	0.05646	10	4	2.00	1	3	20689	0.21112	1.09953	16.04619	1168.10094
8937	8936	30	0.20953	10	4	2.00	1	3	20807	0.79691	1.10581	15.77533	4359.69071
8938	272	25	0.10301	2	10	1.00	3	3	5776	0.25209	0.09824	24.51828	594.98576
8938	8768	40	0.13236	10	3	2.00	3	3	10669	0.21432	0.53365	37.05521	1412.14884
8938	8940	40	0.26184	10	3	2.00	1	3	9213	0.41687	0.46083	37.68712	2412.33192
8940	8938	40	0.26184	10	3	2.00	1	3	8225	0.41283	0.41143	38.05604	2153.634
8940	8942	40	0.46169	10	3	1.00	1	3	12545	2.06854	1.25502	13.39186	5791.90105
8940	8954	45	0.30464	10	6	1.00	1	3	8501	0.46866	0.72289	39.00114	2589.74464
8942	144	25	0.12084	2	10	1.00	1	3	2597	0.29258	0.04417	24.78108	313.82148
8942	3138	40	0.40106	11	3	2.00	20	0	11949	0.66127	0.59771	36.38987	4792.26594
8942	8940	40	0.46169	10	3	1.00	1	3	13232	2.51924	1.32369	10.99602	6109.08208
8944	8945	65	0.16691	10	1	4.00	1	0	86011	0.20570	0.91423	48.68492	14356.09601
8944	8963	30	0.20540	10	6	1.00	1	3	17251	2.10545	1.46688	5.85337	3543.3554
8944	18205	65	0.01332	2	9	1.00	0	0	0	0.01228	0.00000	65.03497	0
8945	8946	65	0.18914	10	1	4.00	1	0	75831	0.21264	0.80603	53.37057	14342.67534
8945	8965	30	0.05448	10	6	1.00	1	3	10179	0.13803	0.86559	23.68225	554.55192
8946	7145	65	0.02705	2	9	1.00	0	0	2758	0.02532	0.15635	64.09811	74.6039
8946	8948	63	0.62886	10	1	4.00	1	0	92585	0.87353	0.98411	43.19405	58223.0031
8948	7147	65	0.02526	2	9	1.00	0	0	0	0.02330	0.00000	65.03497	0
8948	8772	30	0.26381	10	6	1.00	3	3	14219	1.36868	1.20911	11.56492	3751.11439
8948	8949	63	0.15508	10	1	4.00	1	0	81449	0.18822	0.86574	49.43641	12631.11092
8949	8950	63	0.29180	10	1	4.00	1	0	85527	0.36902	0.90909	47.44408	24956.7786
8950	7149	65	0.02705	2	9	1.00	0	0	4756	0.02567	0.26964	63.23671	128.6498
8950	8952	63	0.23238	10	1	4.00	1	0	105462	0.42532	1.12098	32.78237	24507.25956
8952	5536	63	0.61631	10	1	4.00	1	0	99706	0.97886	1.05980	37.77738	61449.80486
8952	8940	25	0.30737	10	6	1.00	1	3	6827	0.80667	0.58053	22.86252	2098.41499
8952	13540	65	0.03121	2	9	1.00	0	0	0	0.02879	0.00000	65.03497	0
8954	8956	63	0.31940	10	1	5.00	1	0	102904	0.39082	0.87504	49.03450	32867.5376
8954	13543	65	0.03792	2	9	1.00	0	0	2151	0.03537	0.12191	64.32636	81.56592
8956	7148	65	0.02705	2	9	1.00	0	0	0	0.02496	0.00000	65.03497	0

8956	8774	30	0.25290	10	6	1.00	1	3	8987	0.59630	0.76418	25.44682	2272.8123
8956	8957	63	0.20616	10	1	4.00	1	0	96972	0.30936	1.03074	39.98443	19991.74752
8957	8901	30	0.07861	10	6	1.00	1	3	15628	0.58006	1.32890	8.13171	1228.51708
8957	8958	63	0.17305	10	1	4.00	1	0	81344	0.20982	0.86463	49.48351	14076.5792
8958	7146	65	0.02705	2	9	1.00	0	0	1943	0.02520	0.11014	64.40128	52.55815
8958	8960	63	0.62718	10	1	4.00	1	0	92433	0.86913	0.98249	43.29705	57972.12894
8959	8966	40	0.04413	10	3	2.00	1	3	24070	0.16898	1.20397	15.66887	1062.2091
8959	8969	40	0.04966	10	3	2.00	1	3	31402	0.46597	1.57072	6.39401	1559.42332
8960	7144	65	0.02705	2	9	1.00	0	0	0	0.02496	0.00000	65.03497	0
8960	8959	30	0.26258	10	6	2.00	1	3	18209	0.62271	0.77420	25.30014	4781.31922
8960	8961	65	0.18333	10	1	4.00	1	0	76636	0.20731	0.81458	53.06108	14049.67788
8961	8962	65	0.17461	10	1	4.00	1	0	94840	0.24411	1.00808	42.91893	16560.0124
8962	5674	63	1.23639	10	1	4.00	1	0	100613	2.00414	1.06944	37.01517	124396.9071
8962	7142	65	0.02705	2	9	1.00	0	0	4953	0.02571	0.28077	63.14149	133.97865
8963	8964	40	0.02535	10	3	3.00	1	3	34523	0.08246	1.15122	18.44470	875.15805
8963	8965	40	0.03404	10	3	2.00	1	3	28704	0.24473	1.43575	8.34621	977.08416
8964	8922	35	0.10518	10	3	3.00	1	3	31407	0.29680	1.04733	21.26303	3303.38826
8964	8946	30	0.19078	10	6	1.00	1	3	7279	0.42229	0.61898	27.10600	1388.68762
8964	8963	40	0.02535	10	3	3.00	1	3	28704	0.05336	0.95717	28.50652	727.6464
8965	8963	40	0.03404	10	3	2.00	1	3	17272	0.06459	0.86396	31.62163	587.93888
8965	8969	40	0.12625	10	3	3.00	1	3	38883	0.63896	1.29662	11.85567	4908.97875
8966	8788	40	0.05742	10	3	2.00	1	3	24070	0.21987	1.20397	15.66887	1382.0994
8966	8959	40	0.04413	10	3	2.00	1	3	16584	0.08143	0.82954	32.51592	731.85192
8966	8962	30	0.13052	10	6	1.00	1	3	10725	0.34625	0.91202	22.61727	1399.827
8968	164	25	0.05256	2	10	1.00	5	3	598	0.12641	0.01017	24.94928	31.43088
8968	167	25	0.15013	2	10	1.00	5	3	337	0.36074	0.00573	24.97138	50.59381
8968	8644	40	0.10304	10	3	2.00	5	3	6595	0.16025	0.32988	38.58134	679.5488
8968	8970	40	0.19427	10	3	2.00	5	3	6418	0.30172	0.32103	38.63296	1246.82486
8969	8928	30	0.20413	10	6	1.00	1	3	14129	1.03417	1.20148	11.84318	2884.15277
8969	8959	40	0.04966	10	3	2.00	1	3	20678	0.11927	1.03432	24.98078	1026.86948
8969	8961	30	0.05042	10	6	1.00	1	3	18205	0.60567	1.54802	4.99454	917.8961
8969	8965	40	0.12625	10	3	2.00	1	3	17272	0.23956	0.86396	31.62163	2180.59
8970	165	25	0.09197	2	10	1.00	5	3	232	0.22091	0.00395	24.98029	21.33704
8970	166	25	0.15124	2	10	1.00	5	3	728	0.36388	0.01238	24.93827	110.10272
8970	8968	40	0.19427	10	3	2.00	5	3	6106	0.30103	0.30542	38.72176	1186.21262
8970	8972	40	0.19749	10	3	2.00	5	3	6123	0.30605	0.30629	38.71690	1209.23127
8972	3664	40	0.28535	9	4	1.00	100	0	6757	0.49275	0.71819	34.74537	1928.10995
8972	8970	40	0.19749	10	3	2.00	5	3	5814	0.30537	0.29083	38.80221	1148.20686
8972	8974	45	0.12236	10	3	2.00	5	3	16479	0.19993	0.82430	36.72235	2016.37044
8972	8984	45	0.15891	10	3	2.00	5	3	18146	0.27971	0.90769	34.08763	2883.58086
8974	165	25	0.17739	2	10	1.00	5	3	105	0.42588	0.00179	24.99104	18.62595
8974	8972	45	0.12236	10	3	2.00	5	3	16418	0.19948	0.82124	36.80400	2008.90648
8974	8976	45	0.21421	10	3	2.00	5	3	16488	0.35011	0.82473	36.71095	3531.89448
8976	163	25	0.17425	2	10	1.00	5	3	353	0.41871	0.00600	24.97004	61.51025
8976	8974	45	0.21421	10	3	2.00	5	3	16424	0.34929	0.82151	36.79684	3518.18504
8976	8978	45	0.12634	10	3	2.00	5	3	16425	0.20602	0.82156	36.79562	2075.1345
8978	502	20	0.21281	1	10	3.00	100	0	734	0.63897	0.00416	19.98337	156.20254
8978	8976	45	0.12634	10	3	2.00	5	3	16358	0.20553	0.81822	36.88369	2066.66972
8978	8980	45	0.20853	10	3	2.00	5	3	13115	0.31180	0.65601	40.12836	2734.87095
8978	8996	30	0.15257	10	5	1.00	5	3	5224	0.33953	0.63458	26.96172	797.02568
8980	160	25	0.15503	2	10	1.00	5	3	611	0.37284	0.01039	24.94815	94.72333
8980	8978	45	0.20853	10	3	2.00	5	3	12998	0.31112	0.65017	40.21599	2710.47294
8980	8982	45	0.21235	10	3	2.00	5	3	13300	0.31863	0.66529	39.98585	2824.255
8981	933	25	0.05363	2	10	1.00	0	3	0	0.12872	0.00000	25.00000	0
8981	3693	30	0.30417	9	4	1.00	100	0	1385	0.61631	0.14719	29.61240	421.27545
8981	8985	45	0.16652	10	3	2.00	8	0	23840	0.54682	1.19247	18.27166	3969.8368
8981	8987	45	0.17415	10	3	2.00	8	3	23161	0.51488	1.15854	20.29429	4033.48815
8982	159	25	0.23800	2	10	1.00	5	3	113	0.57142	0.00192	24.99039	26.894

8982	8698	45	0.12634	10	3	2.00	5	3	13187	0.18916	0.65963	40.07322	1666.04558
8982	8980	45	0.21235	10	3	2.00	5	3	13222	0.31815	0.66134	40.04696	2807.6917
8983	168	25	0.22196	2	10	1.00	5	3	1535	0.53548	0.02611	24.87012	340.7086
8983	8984	45	0.06120	10	3	2.00	5	3	18208	0.10809	0.91077	33.97299	1114.3296
8983	8986	45	0.12426	10	3	2.00	8	3	17314	0.20997	0.86606	35.50848	2151.43764
8984	8972	45	0.15891	10	3	2.00	5	3	18208	0.28066	0.91077	33.97299	2893.43328
8984	8983	45	0.06120	10	3	2.00	5	3	18146	0.10773	0.90769	34.08763	1110.5352
8985	8621	45	0.22955	10	3	3.00	8	0	16972	0.33328	0.56595	41.32611	3895.9226
8985	8981	45	0.16652	10	3	2.00	8	0	24083	0.56796	1.20463	17.59135	4010.30116
8985	23122	45	0.28791	9	3	2.00	100	0	19503	0.55336	0.97556	31.21740	5615.10873
8985	23339	45	0.14692	9	3	2.00	100	0	18180	0.25909	0.90938	34.02478	2671.0056
8986	3771	45	0.15686	10	3	2.00	8	3	17314	0.26506	0.86606	35.50848	2715.87404
8986	8983	45	0.12426	10	3	2.00	8	3	17375	0.21053	0.86907	35.41327	2159.0175
8987	3772	45	0.09762	10	3	2.00	0	3	17231	0.16435	0.86189	35.63876	1682.09022
8987	8981	45	0.17415	10	3	2.00	8	3	23005	0.50280	1.15072	20.78192	4006.32075
8987	8989	40	0.12051	10	3	2.00	0	3	7007	0.18802	0.35050	38.45720	844.41357
8988	182	25	0.17129	2	10	1.00	5	3	16	0.41112	0.00027	24.99867	2.74064
8988	198	25	0.24286	2	10	1.00	5	3	80	0.58301	0.00136	24.99318	19.4288
8988	8618	30	0.12711	10	5	1.00	5	3	570	0.25560	0.06921	29.83861	72.4527
8988	8990	30	0.22703	10	5	1.00	5	3	776	0.45757	0.09423	29.76931	176.17528
8989	934	25	0.06036	2	10	1.00	0	3	163	0.14494	0.00278	24.98611	9.83868
8989	3769	40	0.14354	10	3	2.00	0	3	6974	0.22388	0.34882	38.46755	1001.04796
8989	8987	40	0.12051	10	3	2.00	0	3	6912	0.18788	0.34575	38.48627	832.96512
8990	181	25	0.13974	2	10	1.00	5	3	239	0.33564	0.00406	24.97969	33.39786
8990	196	25	0.16287	2	10	1.00	5	3	231	0.39118	0.00392	24.98041	37.62297
8990	8988	30	0.22703	10	5	1.00	5	3	660	0.45697	0.08017	29.80861	149.8398
8990	8992	30	0.21978	10	5	1.00	5	3	668	0.44243	0.08111	29.80600	146.81304
8992	5500	45	0.19017	10	3	2.00	5	3	10835	0.27430	0.54196	41.59716	2060.49195
8992	5502	45	0.12502	10	3	2.00	5	3	12194	0.18395	0.60995	40.77983	1524.49388
8992	8990	30	0.21978	10	5	1.00	5	3	542	0.44181	0.06581	29.84780	119.12076
8992	8994	30	0.09633	10	5	1.00	5	3	6060	0.22375	0.73621	25.83049	583.7598
8994	161	25	0.08437	2	10	1.00	5	3	43	0.20253	0.00073	24.99634	3.62791
8994	162	25	0.18628	2	10	1.00	5	3	84	0.44720	0.00143	24.99284	15.64752
8994	8992	30	0.09633	10	5	1.00	5	3	6046	0.22355	0.73441	25.85397	582.41118
8994	8996	30	0.06770	10	5	1.00	5	3	6187	0.15853	0.75162	25.62365	418.8599
8996	160	25	0.15115	2	10	1.00	5	3	468	0.36333	0.00796	24.96028	70.7382
8996	163	25	0.16245	2	10	1.00	5	3	448	0.39047	0.00763	24.96193	72.7776
8996	8978	30	0.15257	10	5	1.00	5	3	5275	0.34028	0.64084	26.90195	804.80675
8996	8994	30	0.06770	10	5	1.00	5	3	6171	0.15836	0.74967	25.65048	417.7767
8998	164	25	0.09004	2	10	1.00	5	3	427	0.21640	0.00726	24.96376	38.44708
8998	5500	45	0.15013	10	3	2.00	5	3	10297	0.21509	0.51507	41.88113	1545.88861
8998	8644	45	0.09359	10	3	2.00	5	3	10220	0.13396	0.51122	41.92019	956.4898
9006	8714	30	0.39205	10	5	1.00	1	0	1138	0.79362	0.13824	29.63995	446.1529
9006	9008	35	0.14338	10	4	1.00	1	0	4566	0.26228	0.48536	32.80116	654.67308
9008	46	25	0.13625	2	10	1.00	1	3	403	0.32745	0.00685	24.96578	54.90875
9008	47	25	0.12669	2	10	1.00	1	3	1505	0.30562	0.02560	24.87267	190.66845
9008	9006	35	0.14338	10	4	1.00	1	0	3957	0.25880	0.42063	33.24168	567.35466
9008	9010	35	0.11668	10	4	1.00	1	3	5842	0.22153	0.62098	31.60249	681.64456
9010	5888	45	0.23781	10	3	3.00	1	3	28127	0.43368	0.93793	32.90031	6688.88187
9010	9008	35	0.11668	10	4	1.00	1	3	5183	0.21690	0.55087	32.27659	604.75244
9010	9012	35	0.20664	10	3	2.00	1	3	4795	0.36271	0.23986	34.18232	990.8388
9010	9056	45	0.25470	10	3	3.00	1	3	27674	0.45603	0.92282	33.51095	7048.5678
9012	43	25	0.22983	2	10	1.00	1	3	2915	0.55705	0.04957	24.75457	669.95445
9012	9010	35	0.20664	10	3	2.00	1	3	4075	0.36113	0.20382	34.33195	842.058
9012	9014	35	0.29851	10	3	2.00	1	3	3548	0.52012	0.17748	34.43513	1059.11348
9014	5902	33	0.17604	10	5	1.00	1	3	4085	0.34239	0.49629	30.84995	719.1234
9014	8674	30	0.21056	10	5	1.00	1	3	2429	0.43438	0.29505	29.08442	511.45024
9014	9012	35	0.29851	10	3	2.00	1	3	2769	0.51796	0.13851	34.57896	826.57419

9014	9016	30	0.17409	10	5	1.00	1	3	6374	0.41288	0.77425	25.29934	1109.64966
9016	38	25	0.15316	2	10	1.00	1	3	293	0.36795	0.00498	24.97514	44.87588
9016	9014	30	0.17409	10	5	1.00	1	3	4737	0.38018	0.57548	27.47557	824.66433
9016	9018	30	0.28271	10	5	1.00	1	3	6831	0.69570	0.82981	24.38203	1931.19201
9018	37	25	0.22017	2	10	1.00	1	3	87	0.52856	0.00148	24.99263	19.15479
9018	9016	30	0.28271	10	5	1.00	1	3	4526	0.61296	0.54981	27.67357	1279.54546
9018	9020	30	0.28011	10	5	1.00	1	3	7607	0.75345	0.92412	22.30649	2130.79677
9020	36	25	0.11438	2	10	1.00	1	3	605	0.27509	0.01028	24.94870	69.1999
9020	9018	30	0.28011	10	5	1.00	1	3	4613	0.60908	0.56035	27.59398	1292.14743
9020	9022	30	0.15682	10	5	1.00	1	3	8317	0.47934	1.01036	19.62967	1304.27194
9022	8854	35	0.26516	10	2	2.00	1	3	24472	0.73726	1.04047	21.57920	6488.99552
9022	9020	30	0.15682	10	5	1.00	1	3	4803	0.34327	0.58348	27.41099	753.20646
9022	9024	35	0.09503	10	3	2.00	1	3	22172	0.31259	1.10906	18.24107	2107.00516
9024	8670	25	0.17615	10	5	1.00	1	3	8627	0.69685	1.04797	15.16661	1519.64605
9024	8716	25	0.14181	10	5	1.00	1	3	3512	0.35874	0.42658	23.71714	498.03672
9024	9022	35	0.09503	10	3	2.00	1	3	20958	0.26875	1.04831	21.21717	1991.63874
9024	9026	35	0.21064	10	3	2.00	1	3	14065	0.41292	0.70354	30.60744	2962.6516
9026	12	25	0.06117	2	10	1.00	1	3	625	0.14713	0.01063	24.94695	38.23125
9026	9024	35	0.21064	10	3	2.00	1	3	11934	0.39682	0.59692	31.84903	2513.77776
9026	9028	35	0.14491	10	3	2.00	1	3	13457	0.28044	0.67312	31.00397	1950.05387
9028	12	25	0.16874	2	10	1.00	1	3	489	0.40564	0.00831	24.95852	82.51386
9028	8686	30	0.20117	10	5	1.00	1	3	1886	0.41142	0.22916	29.33813	379.40662
9028	8718	25	0.28674	10	5	1.00	1	3	6836	0.84714	0.83044	20.30870	1960.15464
9028	9026	35	0.14491	10	3	2.00	1	3	11416	0.27089	0.57101	32.09623	1654.29256
9028	9030	40	0.19324	10	3	2.00	1	3	19173	0.40779	0.95904	28.43185	3704.99052
9030	170	25	0.17487	2	10	1.00	5	3	151	0.41991	0.00258	24.98713	26.40537
9030	9028	40	0.19324	10	3	2.00	1	3	18758	0.39662	0.93827	29.23222	3624.79592
9030	9032	40	0.23536	10	3	2.00	1	3	19022	0.49150	0.95146	28.73119	4477.01792
9032	8682	45	0.07983	10	3	2.00	5	3	14585	0.12321	0.72953	38.87521	1164.32055
9032	9030	40	0.23536	10	3	2.00	5	3	18605	0.47851	0.93063	29.51094	4378.8728
9032	9034	45	0.16815	10	3	2.00	1	3	13439	0.25301	0.67220	39.87701	2259.76785
9034	13	25	0.10232	2	10	1.00	5	3	1197	0.24658	0.02035	24.89866	122.47704
9034	171	25	0.08651	2	10	1.00	5	3	125	0.20770	0.00213	24.98934	10.81375
9034	172	25	0.17408	2	10	1.00	5	3	1437	0.41984	0.02443	24.87843	250.15296
9034	9032	45	0.16815	10	3	2.00	5	3	13362	0.25262	0.66836	39.93773	2246.8203
9034	9036	45	0.22044	10	3	2.00	1	3	13435	0.33165	0.67201	39.88001	2961.6114
9036	173	25	0.13011	2	10	1.00	5	3	996	0.31333	0.01694	24.91556	129.58956
9036	9034	45	0.22044	10	3	2.00	5	3	13347	0.33108	0.66762	39.94939	2942.21268
9036	9038	45	0.24673	10	2	2.00	1	3	13577	0.35938	0.57725	41.19210	3349.85321
9038	9036	45	0.24673	10	2	2.00	1	3	13489	0.35899	0.57352	41.23680	3328.14097
9038	9040	45	0.18970	10	3	2.00	1	3	13577	0.28622	0.67912	39.76557	2575.5569
9040	320	25	0.13308	2	10	1.00	1	3	284	0.31969	0.00483	24.97588	37.79472
9040	8736	30	0.07712	10	5	1.00	1	3	4057	0.16487	0.49289	28.06735	312.87584
9040	9038	45	0.18970	10	3	2.00	5	3	13489	0.28571	0.67473	39.83651	2558.8633
9040	9042	45	0.11815	10	3	3.00	1	3	14974	0.16864	0.49932	42.03855	1769.1781
9042	9040	45	0.11815	10	3	3.00	1	3	14783	0.16839	0.49296	42.10028	1746.61145
9042	9044	45	0.08643	10	3	3.00	1	3	14974	0.12336	0.49932	42.03855	1294.20282
9044	8740	35	0.07174	10	3	3.00	1	3	31637	0.20591	1.05498	20.90412	2269.63838
9044	8742	45	0.27180	10	3	3.00	4	3	28665	0.50760	0.95589	32.12690	7791.147
9044	9042	45	0.08643	10	3	3.00	1	3	14783	0.12318	0.49296	42.10028	1277.69469
9044	9046	45	0.12832	10	3	3.00	4	3	17075	0.18648	0.56941	41.28551	2191.064
9046	321	25	0.10715	2	10	1.00	1	3	2578	0.25942	0.04385	24.78266	276.2327
9046	9044	45	0.12832	10	3	3.00	4	3	18201	0.18861	0.60693	40.81954	2335.55232
9046	9048	45	0.11080	10	3	2.00	4	3	15827	0.17705	0.79168	37.54700	1753.6316
9048	6004	40	0.12875	10	3	1.00	1	3	3543	0.20100	0.35447	38.43270	456.16125
9048	9046	45	0.11080	10	3	2.00	4	3	16958	0.18440	0.84821	36.05100	1878.9464
9048	9050	45	0.15443	10	3	2.00	4	3	12684	0.22910	0.63448	40.44405	1958.79012
9050	5534	30	0.17078	10	5	1.00	4	3	1402	0.34689	0.17031	29.53915	239.43356

9050	9048	45	0.15443	10	3	2.00	1	3	13757	0.23388	0.68812	39.61709	2124.49351
9050	9052	45	0.34642	10	3	2.00	4	3	12062	0.50862	0.60335	40.86618	4178.51804
9052	322	25	0.15156	2	10	1.00	1	3	3648	0.36826	0.06204	24.69358	552.89088
9052	9050	45	0.34642	10	3	2.00	1	3	13518	0.52207	0.67619	39.81305	4682.90556
9052	9054	45	0.09265	10	3	2.00	4	3	12722	0.13754	0.63637	40.41711	1178.6933
9054	214	25	0.15300	2	10	1.00	4	3	918	0.36834	0.01561	24.92220	140.454
9054	5514	45	0.15115	10	3	2.00	4	3	12950	0.22530	0.64774	40.25203	1957.3925
9054	9052	45	0.09265	10	3	2.00	1	3	14225	0.14177	0.71156	39.20954	1317.94625
9056	46	25	0.20231	2	10	1.00	1	3	405	0.48622	0.00689	24.96558	81.93555
9056	9010	45	0.25470	10	3	3.00	1	3	28212	0.46619	0.94078	32.78108	7185.5964
9056	9058	45	0.15876	10	3	3.00	1	3	28028	0.28834	0.93465	33.03611	4449.72528
9058	45	25	0.15242	2	10	1.00	1	3	647	0.36660	0.01100	24.94512	98.61574
9058	9056	45	0.15876	10	3	3.00	1	3	28618	0.29585	0.95430	32.19763	4543.39368
9058	9060	45	0.04413	10	3	3.00	1	3	28222	0.08080	0.94110	32.76787	1245.43686
9060	44	25	0.09049	2	10	1.00	1	3	921	0.21785	0.01567	24.92189	83.34129
9060	9058	45	0.04413	10	3	3.00	1	3	28811	0.08298	0.96076	31.90808	1271.42943
9060	9062	45	0.08977	10	3	3.00	1	3	28604	0.16719	0.95385	32.21759	2567.78108
9060	9565	35	0.01296	10	5	1.00	3	3	3583	0.02346	0.43529	33.14777	46.43568
9062	8650	25	0.18182	10	5	2.00	5	3	4771	0.44977	0.28979	24.25491	867.46322
9062	8708	45	0.06496	10	3	2.00	5	3	13494	0.09785	0.67499	39.83243	876.57024
9062	9060	45	0.08977	10	3	3.00	1	3	29263	0.17261	0.97581	31.20542	2626.93951
9062	9064	45	0.11328	10	3	3.00	5	3	22904	0.17802	0.76379	38.17878	2594.56512
9064	154	25	0.05170	2	10	1.00	5	3	1536	0.12474	0.02612	24.87008	79.4112
9064	9062	45	0.11328	10	3	3.00	5	3	23131	0.17879	0.77135	38.01360	2620.27968
9064	9066	45	0.17344	10	3	3.00	5	3	23067	0.27341	0.76922	38.06062	4000.74048
9066	151	25	0.08409	2	10	1.00	5	3	516	0.20217	0.00878	24.95618	43.39044
9066	157	25	0.17246	2	10	1.00	5	3	266	0.41429	0.00452	24.97740	45.87436
9066	9064	45	0.17344	10	3	3.00	5	3	23294	0.27463	0.77679	37.89198	4040.11136
9066	9068	45	0.11098	10	3	3.00	5	3	22705	0.17377	0.75714	38.32043	2519.8009
9068	9066	45	0.11098	10	3	3.00	5	3	22908	0.17443	0.76391	38.17619	2542.32984
9068	9070	45	0.12051	10	3	3.00	5	3	22705	0.18869	0.75714	38.32043	2736.17955
9070	5960	45	0.08050	10	3	2.00	5	3	13081	0.12029	0.65430	40.15419	1053.0205
9070	5962	45	0.16341	10	3	3.00	5	3	25438	0.27198	0.84828	36.04921	4156.82358
9070	8638	45	0.09068	10	3	2.00	5	3	14623	0.14008	0.73143	38.83859	1326.01364
9070	9068	45	0.12051	10	3	3.00	5	3	22908	0.18941	0.76391	38.17619	2760.64308
9071	208	25	0.08980	2	10	1.00	6	3	1032	0.21628	0.01755	24.91254	92.6736
9071	209	25	0.28720	2	10	1.00	6	3	2398	0.69491	0.04077	24.79778	688.7056
9071	8607	45	0.12742	10	3	1.00	6	3	3163	0.17578	0.31640	43.49209	403.02946
9072	5962	45	0.14740	10	3	3.00	5	3	24584	0.24004	0.81978	36.84272	3623.6816
9072	8626	30	0.05691	10	5	1.00	5	3	4815	0.12462	0.58487	27.39961	274.02165
9072	9074	45	0.14221	10	3	3.00	5	3	23008	0.22392	0.76724	38.10400	3271.96768
9072	9567	30	0.06884	10	5	1.00	5	3	1431	0.13987	0.17378	29.52789	98.51004
9074	184	25	0.04333	2	10	1.00	5	3	807	0.10427	0.01373	24.93155	34.96731
9074	9072	45	0.14221	10	3	3.00	5	3	23463	0.22594	0.78241	37.76394	3336.67323
9074	9076	45	0.23334	10	3	3.00	5	3	23124	0.36825	0.77111	38.01902	5395.75416
9075	209	25	0.61256	2	10	1.00	6	3	1695	1.47861	0.02882	24.85673	1038.2892
9075	331	25	0.35885	2	10	1.00	6	3	1970	0.86701	0.03350	24.83363	706.9345
9075	9093	40	0.09494	10	4	1.00	6	3	3750	0.14934	0.39858	38.14525	356.025
9076	177	25	0.27982	2	10	1.00	5	3	1295	0.67453	0.02203	24.89034	362.3669
9076	185	25	0.22577	2	10	1.00	5	3	925	0.54354	0.01573	24.92162	208.83725
9076	9074	45	0.23334	10	3	3.00	5	3	23579	0.37162	0.78628	37.67419	5501.92386
9076	9080	45	0.19130	10	3	3.00	5	3	23596	0.30477	0.78686	37.66063	4513.9148
9077	331	25	0.22137	2	10	1.00	6	3	66	0.53140	0.00113	24.99438	14.61042
9077	9088	40	0.04634	10	4	1.00	6	3	66	0.06952	0.00704	39.99862	3.05844
9078	329	25	0.15099	2	10	1.00	6	3	1867	0.36468	0.03175	24.84225	281.89833
9078	331	25	0.19434	2	10	1.00	6	3	3744	0.47237	0.06368	24.68562	727.60896
9078	9079	40	0.08875	10	3	2.00	6	3	5476	0.13692	0.27390	38.89264	485.995
9079	5660	45	0.24798	10	3	2.00	1	3	19206	0.46627	0.96070	31.91064	4762.70388

9079	9078	40	0.08875	10	3	2.00	6	3	5487	0.13693	0.27448	38.88958	486.97125
9079	9088	45	0.21051	10	3	2.00	6	3	18637	0.38119	0.93222	33.13548	3923.27487
9079	15064	45	0.22671	10	5	2.00	1	3	16668	0.46369	1.01237	29.33549	3778.80228
9080	186	25	0.06950	2	10	1.00	5	3	413	0.16703	0.00703	24.96489	28.7035
9080	9076	45	0.19130	10	3	4.00	5	3	24060	0.28072	0.60173	40.88708	4602.678
9080	9082	45	0.07275	10	3	3.00	5	3	23665	0.11607	0.78916	37.60677	1721.62875
9082	8738	35	0.19697	10	3	3.00	5	3	33044	0.63536	1.10191	18.60068	6508.67668
9082	9080	45	0.07275	10	3	4.00	5	3	24135	0.10682	0.60362	40.86271	1755.82125
9082	9084	40	0.12254	10	3	3.00	1	3	23865	0.22087	0.79581	33.28705	2924.4171
9082	9090	45	0.10558	10	3	3.00	5	3	27408	0.18712	0.91396	33.85262	2893.73664
9084	187	25	0.05710	2	10	1.00	5	3	1729	0.13784	0.02941	24.85382	98.7259
9084	9082	40	0.12254	10	3	4.00	1	3	24039	0.20226	0.60121	36.34999	2945.73906
9084	9086	40	0.22293	10	3	3.00	1	3	23289	0.39709	0.77663	33.68510	5191.81677
9085	203	25	0.09862	2	10	1.00	6	3	0	0.23668	0.00000	25.00000	0
9085	8609	45	0.08414	10	3	4.00	6	3	37344	0.15268	0.93398	33.06375	3142.12416
9085	9095	45	0.09605	10	3	4.00	6	3	37355	0.17436	0.93426	33.05211	3587.94775
9086	189	25	0.15304	2	10	1.00	5	3	1717	0.36944	0.02921	24.85480	262.76968
9086	326	25	0.15524	2	10	1.00	1	3	5136	0.37908	0.08735	24.57076	797.31264
9086	9084	40	0.22293	10	3	4.00	1	3	23461	0.36634	0.58675	36.51219	5230.16073
9086	9093	45	0.27387	10	3	3.00	1	3	17835	0.40101	0.59474	40.97635	4884.47145
9087	8723	40	0.18389	10	3	2.00	0	0	21776	0.50186	1.08921	21.98447	4004.38864
9087	9089	40	0.15512	10	3	2.00	0	0	20028	0.35019	1.00180	26.57771	3106.74336
9088	327	25	0.17376	2	10	1.00	1	3	2417	0.42045	0.04110	24.79616	419.97792
9088	9077	40	0.04634	10	4	1.00	6	3	66	0.06952	0.00703	39.99865	3.05844
9088	9079	45	0.21051	10	3	2.00	1	3	18668	0.38193	0.93379	33.07128	3929.80068
9088	9093	45	0.24627	10	3	2.00	6	3	18088	0.43210	0.90475	34.19556	4454.53176
9089	5663	40	0.08447	10	3	2.00	1	3	21032	0.21075	1.05203	24.04917	1776.57304
9089	9087	40	0.15512	10	3	2.00	0	0	21776	0.42335	1.08921	21.98447	3377.89312
9089	9091	45	0.23163	10	3	4.00	1	3	34292	0.38854	0.85763	35.76941	7943.05596
9089	9099	45	0.08524	10	3	4.00	6	3	43997	0.21297	1.10038	24.01437	3750.30428
9090	186	25	0.05417	2	10	1.00	5	3	200	0.13010	0.00339	24.98304	10.834
9090	187	25	0.12686	2	10	1.00	5	3	704	0.30518	0.01197	24.94032	89.30944
9090	188	25	0.15604	2	10	1.00	5	3	289	0.37486	0.00492	24.97542	45.09556
9090	189	25	0.33320	2	10	1.00	5	3	279	0.80045	0.00475	24.97626	92.9628
9090	9082	45	0.10558	10	3	3.00	5	3	27706	0.18927	0.92391	33.46821	2925.19948
9090	9092	45	0.22702	10	3	3.00	5	3	28344	0.41791	0.94519	32.59403	6434.65488
9091	5519	45	0.18542	10	2	4.00	1	3	34292	0.28610	0.72899	38.88560	6358.42264
9091	9089	45	0.23163	10	3	4.00	1	3	36026	0.40481	0.90100	34.33179	8344.70238
9092	185	25	0.16435	2	10	1.00	5	3	269	0.39481	0.00457	24.97717	44.21015
9092	191	25	0.12473	2	10	1.00	5	3	536	0.29991	0.00911	24.95451	66.85528
9092	9090	45	0.22702	10	3	3.00	5	3	28661	0.42389	0.95574	32.13366	6506.62022
9092	9094	45	0.30011	10	3	3.00	5	3	28292	0.55120	0.94346	32.66800	8490.71212
9093	326	25	0.26096	2	10	1.00	1	3	2496	0.63163	0.04244	24.78957	651.35616
9093	9075	40	0.09494	10	4	1.00	6	3	3569	0.14884	0.37934	38.27406	338.84086
9093	9086	45	0.27387	10	3	3.00	1	3	17833	0.40100	0.59466	40.97734	4883.92371
9093	9088	45	0.24627	10	3	2.00	1	3	18119	0.43283	0.90632	34.13806	4462.16613
9094	8628	30	0.15855	10	5	1.00	5	3	3557	0.33461	0.43212	28.43003	563.96235
9094	9092	45	0.30011	10	3	3.00	5	3	28601	0.55882	0.95374	32.22255	8583.44611
9094	9096	45	0.21330	10	3	3.00	5	3	29493	0.41510	0.98350	30.83136	6290.8569
9095	208	25	0.34594	2	10	1.00	6	3	1580	0.83471	0.02687	24.86636	546.5852
9095	1229	25	0.08470	2	10	1.00	0	3	637	0.20371	0.01084	24.94591	53.9539
9095	9085	45	0.09605	10	3	4.00	6	3	37344	0.17430	0.93398	33.06375	3586.8912
9095	9097	45	0.21768	10	3	4.00	6	3	39533	0.42721	0.98872	30.57197	8605.54344
9096	192	25	0.10134	2	10	1.00	5	3	1446	0.24442	0.02459	24.87764	146.53764
9096	9094	45	0.21330	10	3	3.00	5	3	29580	0.41704	0.98639	30.68814	6309.414
9096	9098	45	0.17850	10	3	3.00	5	3	28833	0.33601	0.96149	31.87463	5146.6905
9097	9095	45	0.21768	10	3	4.00	6	3	39540	0.42734	0.98890	30.56271	8607.0672
9097	9099	45	0.32630	10	3	4.00	6	3	43980	0.81429	1.09993	24.04301	14350.674

9097	9615	35	0.12269	10	3	1.00	0	3	4699	0.22367	0.47006	32.91156	576.52031
9098	8600	45	0.35794	10	3	2.00	5	3	19889	0.70972	0.99485	30.26067	7119.06866
9098	8602	40	0.32528	10	3	2.00	5	3	6939	0.50722	0.34711	38.47800	2257.11792
9098	8610	40	0.17993	10	3	2.00	5	3	12424	0.29897	0.62146	36.11131	2235.45032
9098	9096	45	0.17850	10	3	3.00	5	3	28920	0.33741	0.96438	31.74242	5162.22
9099	204	25	0.23922	2	10	1.00	6	3	0	0.57414	0.00000	25.00000	0
9099	9089	45	0.08524	10	3	4.00	6	3	43980	0.21271	1.09993	24.04301	3748.8552
9099	9097	45	0.32630	10	3	4.00	6	3	43997	0.81526	1.10038	24.01437	14356.2211
9100	3708	45	0.07462	9	4	1.00	100	3	1849	0.10135	0.19652	44.17849	137.97238
9100	9102	30	0.05739	10	5	1.00	0	3	7118	0.14527	0.86467	23.70141	408.50202
9100	9584	45	0.31245	9	7	1.00	100	3	6455	0.43489	0.45740	43.10742	2016.86475
9101	939	20	0.08703	2	10	1.00	0	3	187	0.26126	0.00317	19.98731	16.27461
9101	3707	30	0.21349	10	5	1.00	0	3	1997	0.43734	0.24255	29.28920	426.33953
9101	3736	30	0.12245	10	5	1.00	0	3	2083	0.25117	0.25298	29.25016	255.06335
9102	940	20	0.06686	2	10	1.00	0	3	142	0.20066	0.00241	19.99036	9.49412
9102	9100	30	0.05739	10	5	1.00	0	3	7362	0.14940	0.89428	23.04716	422.50518
9102	9103	30	0.05223	10	5	1.00	0	3	6996	0.13058	0.84989	24.00118	365.40108
9103	939	20	0.12589	2	10	1.00	0	3	114	0.37782	0.00193	19.99227	14.35146
9103	3707	30	0.13989	10	5	1.00	0	3	1995	0.28656	0.24229	29.29013	279.08055
9103	3739	30	0.07538	10	5	1.00	0	3	5000	0.16622	0.60744	27.20856	376.9
9103	9102	30	0.05223	10	5	1.00	0	3	7238	0.13400	0.87927	23.38825	378.04074
9104	937	20	0.13919	2	10	1.00	0	3	1155	0.41921	0.01965	19.92172	160.76445
9104	938	20	0.17427	2	10	1.00	0	3	522	0.52373	0.00888	19.96453	90.96894
9104	3707	30	0.26902	10	5	1.00	0	3	1670	0.54845	0.20282	29.43084	449.2634
9111	12295	45	0.26647	9	3	2.00	100	0	16998	0.44421	0.85023	35.99169	4529.45706
9111	12296	45	0.07159	9	3	3.00	100	0	18256	0.10530	0.60878	40.79530	1306.94704
9111	14123	45	0.24243	9	3	2.00	100	0	16718	0.39967	0.83622	36.39529	4052.94474
9111	22686	45	0.13797	9	3	3.00	100	0	13480	0.19479	0.44950	42.49752	1859.8356
9142	15058	45	0.12877	9	3	2.00	100	0	18190	0.22720	0.90986	34.00696	2342.3263
9142	22664	45	0.32678	9	3	2.00	100	0	16093	0.52673	0.80496	37.22317	5258.87054
9142	22675	35	0.13473	23	5	1.00	901	0	1570	0.23511	0.19076	34.38376	211.5261
9142	23338	30	0.10455	10	5	1.00	0	0	759	0.21067	0.09217	29.77512	79.35345
9225	9343	35	0.08398	10	4	1.00	7	0	3164	0.14941	0.33628	33.72549	265.71272
9225	12300	35	0.10845	10	4	1.00	7	0	3777	0.19506	0.40152	33.35943	409.61565
9334	1578	20	0.10244	2	10	1.00	0	0	1457	0.30885	0.02478	19.90139	149.25508
9334	2489	45	0.21637	9	3	3.00	100	0	15899	0.31114	0.53018	41.72406	3440.06663
9334	12270	30	0.09543	10	5	1.00	0	0	1840	0.19504	0.22348	29.35852	175.5912
9334	24034	45	0.28334	9	3	3.00	100	0	16110	0.40818	0.53720	41.64886	4564.6074
9340	1355	20	0.15889	2	10	1.00	0	0	1009	0.47830	0.01715	19.93162	160.32001
9340	8651	45	0.19986	10	3	2.00	7	3	17079	0.33430	0.85428	35.87072	3413.40894
9340	9611	45	0.16116	10	3	2.00	7	3	15723	0.25670	0.78647	37.66976	2533.91868
9340	24037	35	0.14068	10	4	1.00	7	0	3530	0.25187	0.37525	33.51318	496.6004
9341	1126	25	0.13878	2	10	1.00	7	3	436	0.33356	0.00741	24.96300	60.50808
9341	9590	45	0.05759	10	3	2.00	7	3	13440	0.08666	0.67228	39.87570	774.0096
9341	9591	45	0.11446	10	3	2.00	7	3	13969	0.17414	0.69875	39.43604	1598.89174
9342	1123	25	0.06134	2	10	1.00	7	3	917	0.14768	0.01559	24.92229	56.24878
9342	9394	45	0.16834	10	3	2.00	7	3	12158	0.24754	0.60813	40.80384	2046.67772
9342	9593	45	0.21373	10	3	2.00	7	3	11490	0.31108	0.57472	41.22246	2455.7577
9343	9225	35	0.08398	10	4	1.00	7	0	3777	0.15105	0.40152	33.35943	317.19246
9343	9382	35	0.10818	10	4	2.00	7	0	8422	0.19630	0.44758	33.06652	911.09196
9343	12161	35	0.09396	10	4	2.00	7	0	7697	0.16924	0.40907	33.31350	723.21012
9343	23265	35	0.16537	10	4	1.00	7	0	2295	0.29043	0.24397	34.16460	379.52415
9344	1358	20	0.17979	2	10	1.00	0	0	55	0.53948	0.00094	19.99625	9.88845
9344	1359	20	0.09928	2	10	1.00	0	0	1313	0.29918	0.02232	19.91110	130.35464
9344	9345	35	0.11048	10	4	1.00	7	0	996	0.19108	0.10588	34.69202	110.03808
9344	9605	35	0.13838	10	4	1.00	7	0	1699	0.24120	0.18057	34.42329	235.10762
9345	1358	20	0.16514	2	10	1.00	0	0	255	0.49584	0.00434	19.98266	42.1107
9345	9344	35	0.11048	10	4	1.00	7	0	1160	0.19141	0.12327	34.63255	128.1568

9345	24030	35	0.16679	10	4	1.00	7	0	1264	0.28928	0.13435	34.59373	210.82256
9346	2507	35	0.23918	10	4	1.00	7	0	3600	0.42876	0.38265	33.47077	861.048
9346	9347	35	0.07318	10	4	1.00	7	0	2874	0.12960	0.30546	33.88137	210.31932
9346	12294	30	0.18660	10	5	1.00	0	0	764	0.37604	0.09284	29.77324	142.5624
9347	1317	20	0.18601	2	10	1.00	0	0	817	0.55957	0.01389	19.94460	151.97017
9347	1318	20	0.16621	2	10	1.00	0	0	656	0.49975	0.01116	19.95547	109.03376
9347	9346	35	0.07318	10	4	1.00	7	0	2856	0.12956	0.30361	33.89040	209.00208
9347	9605	35	0.19567	10	4	1.00	7	0	1902	0.34189	0.20221	34.33842	372.16434
9349	9609	45	0.28475	9	3	3.00	100	0	18768	0.42118	0.62585	40.56497	5344.188
9349	12292	35	0.10250	10	4	2.00	7	0	7308	0.18393	0.38840	33.43731	749.07
9349	14125	45	0.10358	9	3	3.00	100	0	14071	0.14685	0.46922	42.32252	1457.47418
9349	24035	35	0.17960	10	4	2.00	7	0	1949	0.31055	0.10357	34.69978	350.0404
9351	9352	45	0.17532	9	3	3.00	100	0	17474	0.25577	0.58269	41.12618	3063.54168
9351	9593	45	0.32928	10	3	2.00	7	3	10815	0.47484	0.54099	41.60775	3561.1632
9351	23276	45	0.10340	9	3	3.00	100	0	11997	0.14461	0.40005	42.90203	1240.4898
9351	23277	40	0.15114	10	3	2.00	7	0	6776	0.23537	0.33895	38.52739	1024.12464
9352	1118	20	0.21011	2	10	1.00	0	0	1556	0.63367	0.02646	19.89472	326.93116
9352	1119	20	0.17364	2	10	1.00	0	0	369	0.52158	0.00627	19.97496	64.07316
9352	9351	45	0.17532	9	3	3.00	100	0	17270	0.25526	0.57590	41.20832	3027.7764
9352	9353	45	0.13263	9	3	3.00	100	0	16927	0.19248	0.56446	41.34340	2245.02801
9353	9352	45	0.13263	9	3	3.00	100	0	16743	0.19215	0.55831	41.41436	2220.62409
9353	9354	45	0.11620	9	3	3.00	100	0	16927	0.16863	0.56446	41.34340	1966.9174
9354	1117	20	0.17931	2	10	1.00	0	0	1266	0.54025	0.02153	19.91425	227.00646
9354	9353	45	0.11620	9	3	3.00	100	0	16743	0.16835	0.55831	41.41436	1945.5366
9354	9355	45	0.22447	9	3	3.00	100	0	16557	0.32466	0.55213	41.48440	3716.54979
9355	1114	20	0.16984	2	10	1.00	0	0	4000	0.51644	0.06803	19.73154	679.36
9355	9354	45	0.22447	9	3	3.00	100	0	16373	0.32412	0.54597	41.55304	3675.24731
9355	9356	45	0.22247	9	3	3.00	100	0	15579	0.31907	0.51952	41.83550	3465.86013
9356	1116	20	0.20014	2	10	1.00	0	0	859	0.60217	0.01461	19.94171	171.92026
9356	9355	45	0.22247	9	3	3.00	100	0	15395	0.31859	0.51336	41.89850	3424.92565
9356	9386	45	0.28085	9	3	3.00	100	0	15497	0.40252	0.51678	41.86364	4352.33245
9357	1112	25	0.18402	2	10	1.00	7	3	302	0.44211	0.00514	24.97432	55.57404
9357	1575	20	0.17667	2	10	1.00	7	3	1443	0.53261	0.02453	19.90234	254.93481
9357	8658	45	0.35278	10	3	3.00	7	3	17857	0.51668	0.59549	40.96690	6299.59246
9357	9358	45	0.38420	10	3	3.00	7	3	18120	0.56425	0.60425	40.85452	6961.704
9358	9357	45	0.38420	10	3	3.00	7	3	18127	0.56429	0.60448	40.85154	6964.3934
9358	9360	30	0.14805	10	4	1.00	7	3	4972	0.31920	0.52848	27.82798	736.1046
9358	9365	35	0.18019	10	4	1.00	7	3	2967	0.31955	0.31539	33.83221	534.62373
9358	30008	45	0.14286	10	3	3.00	7	3	15726	0.20514	0.52443	41.78458	2246.61636
9359	9577	50	0.21514	10	3	3.00	7	0	16572	0.28009	0.55263	46.08753	3565.30008
9359	24774	50	0.15153	10	3	3.00	7	0	16600	0.19732	0.55356	46.07580	2515.398
9360	9358	30	0.14805	10	4	1.00	7	3	5032	0.31972	0.53487	27.78264	744.9876
9360	25073	30	0.18881	10	4	1.00	7	3	4972	0.40709	0.52848	27.82798	938.76332
9361	1582	20	0.04508	2	10	1.00	7	3	1618	0.13598	0.02752	19.89052	72.93944
9361	25062	30	0.10610	10	4	1.00	7	3	1884	0.21624	0.20025	29.43963	199.8924
9361	25073	30	0.11173	10	4	1.00	7	3	2548	0.22972	0.27084	29.18151	284.68804
9363	3714	30	0.20043	10	4	1.00	7	3	514	0.40251	0.05460	29.87777	103.02102
9363	9364	30	0.29191	10	4	1.00	7	3	1110	0.58971	0.11803	29.70055	324.0201
9363	25079	25	0.18452	10	5	1.00	0	3	17	0.44267	0.00204	25.00932	3.13684
9364	1103	20	0.14929	2	10	1.00	7	3	430	0.44853	0.00731	19.97079	64.1947
9364	1576	20	0.14289	2	10	1.00	7	3	1095	0.43026	0.01862	19.92578	156.46455
9364	3716	30	0.19492	10	4	1.00	7	3	1973	0.39770	0.20967	29.40716	384.57716
9364	9363	30	0.29191	10	4	1.00	7	3	530	0.58630	0.05639	29.87304	154.7123
9365	1110	25	0.14531	2	10	1.00	7	3	1231	0.35019	0.02094	24.89576	178.87661
9365	9358	35	0.18019	10	4	1.00	7	3	2945	0.31944	0.31306	33.84383	530.65955
9365	9578	35	0.19088	10	4	1.00	7	3	2561	0.33647	0.27219	34.03890	488.84368
9366	9367	35	0.31003	10	4	1.00	7	3	1980	0.54224	0.21048	34.30509	613.8594
9366	9369	35	0.10466	10	4	1.00	7	3	2042	0.18319	0.21701	34.27839	213.71572

9366	9578	35	0.19191	10	4	1.00	7	3	2232	0.33675	0.23729	34.19334	428.34312
9367	1121	25	0.10061	2	10	1.00	7	3	773	0.24210	0.01315	24.93445	77.77153
9367	9366	35	0.31003	10	4	1.00	7	3	1987	0.54229	0.21120	34.30214	616.02961
9367	9368	35	0.22735	10	4	1.00	7	3	2378	0.39972	0.25273	34.12630	540.6383
9368	8665	45	0.18912	10	3	2.00	7	3	16288	0.30689	0.81473	36.97465	3080.38656
9368	9367	35	0.22735	10	4	1.00	7	3	2385	0.39975	0.25345	34.12311	542.22975
9368	9389	45	0.35754	10	3	2.00	7	3	16027	0.57505	0.80166	37.30508	5730.29358
9369	9366	35	0.10466	10	4	1.00	7	3	2009	0.18311	0.21353	34.29263	210.26194
9369	9370	35	0.16801	10	4	1.00	7	3	2042	0.29409	0.21701	34.27839	343.07642
9370	1120	25	0.19777	2	10	1.00	7	3	1147	0.47651	0.01951	24.90281	226.84219
9370	9369	35	0.16801	10	4	1.00	7	3	2009	0.29396	0.21353	34.29263	337.53209
9370	9594	35	0.13133	10	4	1.00	7	3	2217	0.23039	0.23562	34.20047	291.15861
9371	1122	25	0.12071	2	10	1.00	7	3	783	0.29049	0.01332	24.93357	94.51593
9371	1573	25	0.23413	2	10	1.00	7	3	113	0.56214	0.00192	24.99040	26.45669
9371	9372	35	0.10570	10	4	1.00	7	3	2374	0.18584	0.25232	34.12809	250.9318
9371	9594	35	0.09531	10	4	1.00	7	3	1670	0.16607	0.17746	34.43519	159.1677
9372	9371	35	0.10570	10	4	1.00	7	3	2340	0.18575	0.24872	34.14393	247.338
9372	9373	35	0.10867	10	4	1.00	7	3	2374	0.19105	0.25232	34.12809	257.98258
9373	9372	35	0.10867	10	4	1.00	7	3	2340	0.19096	0.24872	34.14393	254.2878
9373	9574	35	0.11002	10	4	1.00	7	3	3974	0.19864	0.42244	33.23026	437.21948
9373	9588	35	0.11191	10	4	1.00	7	3	2013	0.19582	0.21399	34.29077	225.27483
9373	24907	35	0.16161	10	4	1.00	7	3	280	0.27757	0.02971	34.93275	45.2508
9374	9587	35	0.10520	10	4	1.00	7	3	94	0.18040	0.00996	34.99043	9.8888
9374	9589	35	0.12481	10	4	1.00	7	3	527	0.21486	0.05601	34.85305	65.77487
9374	24906	35	0.04576	10	4	1.00	7	3	481	0.07875	0.05111	34.86817	22.01056
9375	9376	35	0.08071	10	4	1.00	7	3	3282	0.14386	0.34882	33.65908	264.89022
9375	9575	35	0.12593	10	4	1.00	7	3	2694	0.22241	0.28634	33.97318	339.25542
9375	24910	35	0.08466	10	4	1.00	7	3	734	0.14604	0.07803	34.78359	62.14044
9376	9375	35	0.08071	10	4	1.00	7	3	3255	0.14380	0.34594	33.67449	262.71105
9376	24904	35	0.09506	10	4	1.00	7	3	3282	0.16944	0.34882	33.65908	311.98692
9379	9394	35	0.16979	10	4	1.00	7	3	4279	0.30854	0.45484	33.01737	726.53141
9379	9396	35	0.10934	10	4	1.00	7	3	194	0.18766	0.02060	34.95957	21.21196
9379	9606	35	0.16630	10	4	1.00	7	3	4090	0.30099	0.43479	33.15107	680.167
9380	1129	25	0.14667	2	10	1.00	7	3	92	0.35213	0.00157	24.99216	13.49364
9380	9597	35	0.07899	10	4	1.00	7	3	856	0.13642	0.09103	34.74139	67.61544
9380	9612	35	0.08944	10	4	1.00	7	3	940	0.15460	0.09992	34.71197	84.0736
9381	1124	25	0.12902	2	10	1.00	7	3	913	0.31060	0.01553	24.92257	117.79526
9381	12299	30	0.18894	10	5	1.00	0	0	603	0.38007	0.07325	29.82762	113.93082
9381	24911	35	0.18834	10	4	1.00	7	3	30	0.32278	0.00324	35.00964	5.6502
9381	24912	35	0.04451	10	4	1.00	7	3	949	0.07695	0.10083	34.70893	42.23999
9382	9343	35	0.10818	10	4	2.00	7	0	8344	0.19613	0.44345	33.09413	902.65392
9382	23249	35	0.10589	10	4	2.00	7	0	8422	0.19213	0.44758	33.06652	891.80558
9384	1513	20	0.05767	2	10	1.00	0	0	2	0.17300	0.00003	19.99986	0.11534
9384	24767	25	0.09846	10	5	1.00	0	0	1535	0.24043	0.18646	24.57179	151.1361
9384	25130	25	0.04902	10	5	1.00	0	0	1540	0.11971	0.18712	24.56996	75.4908
9386	1113	20	0.18560	2	10	1.00	0	0	2603	0.56172	0.04426	19.82449	483.1168
9386	9356	45	0.28085	9	3	3.00	100	0	15313	0.40192	0.51063	41.92619	4300.65605
9386	25189	45	0.13340	9	3	3.00	100	0	16018	0.19203	0.53414	41.68184	2136.8012
9387	1502	20	0.13681	2	10	1.00	0	0	0	0.41042	0.00000	20.00000	0
9387	5028	50	0.20216	10	3	3.00	7	0	7667	0.24889	0.25567	48.73332	1549.96072
9387	24781	50	0.26939	10	3	3.00	7	0	7725	0.33175	0.25760	48.72105	2081.03775
9389	1112	25	0.22707	2	10	1.00	7	3	943	0.54672	0.01603	24.92011	214.12701
9389	8658	45	0.17048	10	3	2.00	7	3	16375	0.27750	0.81908	36.86112	2791.61
9389	9368	45	0.35754	10	3	2.00	7	3	16083	0.57613	0.80447	37.23542	5750.31582
9394	9342	45	0.16834	10	3	2.00	7	3	11782	0.24609	0.58933	41.04419	1983.38188
9394	9379	35	0.16979	10	4	1.00	7	3	4241	0.30829	0.45075	33.04515	720.07939
9394	9574	35	0.14933	10	4	1.00	7	3	3926	0.26937	0.41731	33.26250	586.26958
9394	9590	45	0.05790	10	3	2.00	7	3	13867	0.08790	0.69365	39.52370	802.8993

9396	9379	35	0.10934	10	4	1.00	7	3	208	0.18769	0.02216	34.95502	22.74272
9396	24911	35	0.04188	10	4	1.00	7	3	194	0.07188	0.02060	34.95957	8.12472
9519	1419	0	0.12036	2	10	0.00	0	0	0	0.00000	0.00000	0.00000	0
9521	3712	25	0.05808	10	5	1.00	0	0	432	0.13992	0.05244	24.90290	25.09056
9521	24793	25	0.05049	10	5	1.00	0	0	438	0.12166	0.05323	24.90116	22.11462
9545	5020	25	0.17788	9	5	1.00	100	0	0	0.42669	0.00000	25.01345	0
9545	9546	25	0.19302	9	5	1.00	100	0	0	0.46299	0.00000	25.01345	0
9546	9545	25	0.19302	9	5	1.00	100	0	0	0.46299	0.00000	25.01345	0
9553	59	25	0.10502	2	10	1.00	1	3	576	0.25254	0.00980	24.95108	60.49152
9553	8798	25	0.21490	10	4	1.00	1	3	1384	0.52250	0.14712	24.67719	297.4216
9554	59	25	0.11201	2	10	1.00	1	3	824	0.26958	0.01401	24.93014	92.29624
9554	8858	33	0.14348	10	4	1.00	1	3	5061	0.28192	0.53796	30.53651	726.15228
9555	237	20	0.06707	3	10	3.00	0	3	4410	0.20222	0.02500	19.90050	295.7787
9555	249	20	0.11774	3	10	3.00	0	3	1712	0.35390	0.00971	19.96125	201.57088
9555	3456	40	0.19389	10	3	2.00	4	3	10418	0.31296	0.52112	37.17241	2019.94602
9555	3457	40	0.21960	10	3	2.00	4	3	13342	0.37101	0.66737	35.51398	2929.9032
9560	3385	35	0.56802	10	4	1.00	2	0	7509	1.17193	0.79819	29.08126	4265.26218
9560	3455	35	0.44058	9	5	1.00	100	0	1358	0.76662	0.16493	34.48254	598.30764
9560	5708	40	0.13206	10	4	1.00	2	3	8701	0.26665	0.92488	29.71548	1149.05406
9561	325	25	0.12367	2	10	1.00	1	3	3178	0.30001	0.05405	24.73266	393.02326
9561	5519	25	0.08617	10	4	1.00	1	3	7888	0.25614	0.83839	20.18560	679.70896
9561	5525	25	0.11058	10	4	1.00	1	3	5615	0.29163	0.59679	22.75024	620.9067
9562	289	25	0.08071	2	10	1.00	2	3	1508	0.19469	0.02564	24.87243	121.71068
9562	5714	35	0.02292	10	5	1.00	3	3	1508	0.03996	0.18317	34.41327	34.56336
9563	294	25	0.13929	2	10	1.00	2	3	500	0.33485	0.00850	24.95759	69.645
9563	295	25	0.17538	2	10	1.00	2	3	1322	0.42280	0.02249	24.88806	231.85236
9563	297	25	0.41996	2	10	1.00	2	3	1232	1.01213	0.02095	24.89568	517.39072
9563	5714	35	0.02111	10	5	1.00	3	3	3028	0.03774	0.36781	33.55508	63.92108
9564	295	25	0.32542	2	10	1.00	2	3	520	0.78238	0.00884	24.95588	169.2184
9564	296	25	0.18762	2	10	1.00	2	3	1025	0.45186	0.01743	24.91318	192.3105
9564	297	25	0.10188	2	10	1.00	2	3	1952	0.24613	0.03319	24.83512	198.86976
9564	5680	35	0.01705	10	5	1.00	3	3	3360	0.03070	0.40817	33.31902	57.288
9565	40	25	0.05041	2	10	1.00	1	3	1477	0.12160	0.02512	24.87502	74.45557
9565	41	25	0.21482	2	10	1.00	1	3	1679	0.51851	0.02855	24.85807	360.68278
9565	42	25	0.41543	2	10	1.00	1	3	481	0.99868	0.00819	24.95914	199.82183
9565	9060	35	0.01296	10	5	1.00	3	3	3517	0.02342	0.42727	33.19956	45.58032
9566	39	25	0.15060	2	10	1.00	1	3	399	0.36194	0.00679	24.96612	60.0894
9566	42	25	0.31135	2	10	1.00	1	3	297	0.74799	0.00505	24.97477	92.47095
9566	8652	25	0.02562	10	5	1.00	5	3	663	0.06190	0.08059	24.83953	16.98606
9567	174	25	0.29297	2	10	1.00	5	3	355	0.70397	0.00604	24.96985	104.00435
9567	176	25	0.09403	2	10	1.00	5	3	1076	0.22650	0.01829	24.90887	101.17628
9567	9072	30	0.06884	10	5	1.00	5	3	1447	0.13990	0.17578	29.52137	99.61148
9568	174	25	0.21417	2	10	1.00	5	3	1054	0.51586	0.01792	24.91070	225.73518
9568	176	25	0.49138	2	10	1.00	5	3	219	1.18019	0.00372	24.98141	107.61222
9568	8678	30	0.04972	10	5	1.00	5	3	1256	0.10079	0.15260	29.59553	62.44832
9569	41	25	0.41313	2	10	1.00	1	3	303	0.99253	0.00515	24.97426	125.17839
9569	42	25	0.15871	2	10	1.00	1	3	941	0.38213	0.01601	24.92021	149.34611
9569	8674	30	0.00189	10	5	1.00	5	3	1331	0.00384	0.16166	29.56693	2.51559
9570	5680	35	0.01155	10	5	1.00	3	0	1275	0.02008	0.15484	34.51993	14.72625
9571	5517	45	0.10367	10	3	2.00	1	3	23629	0.32942	1.18191	18.88261	2449.61843
9571	5966	45	0.17033	10	6	2.00	1	3	18012	0.26799	0.76583	38.13464	3067.98396
9571	5967	45	0.19501	10	3	3.00	1	0	26755	0.33774	0.89218	34.64406	5217.49255
9572	5523	45	0.35270	10	6	1.00	4	0	12553	0.81047	1.06742	26.11086	4427.4431
9573	1130	25	0.14082	2	10	1.00	7	3	3869	0.34241	0.06580	24.67529	544.83258
9573	9591	45	0.07245	10	3	2.00	7	3	14103	0.11055	0.70543	39.31905	1021.76235
9573	9597	45	0.11603	10	3	2.00	7	3	15229	0.18215	0.76175	38.22264	1767.02087
9574	1126	25	0.11970	2	10	1.00	7	3	35	0.28731	0.00060	24.99701	4.1895
9574	9373	35	0.11002	10	4	1.00	7	3	3961	0.19859	0.42105	33.23901	435.78922

9574	9394	35	0.14933	10	4	1.00	7	3	3939	0.26944	0.41870	33.25381	588.21087
9575	9375	35	0.12593	10	4	1.00	7	3	2723	0.22251	0.28947	33.95840	342.90739
9575	9587	35	0.10399	10	4	1.00	7	3	1180	0.18020	0.12548	34.62489	122.7082
9575	9588	35	0.09816	10	4	1.00	7	3	2126	0.17200	0.22594	34.24133	208.68816
9577	9359	50	0.21514	10	3	3.00	7	0	16600	0.28016	0.55356	46.07580	3571.324
9577	9595	35	0.32847	9	7	1.00	100	3	310	0.56378	0.02196	34.95752	101.8257
9577	30008	45	0.14286	10	3	3.00	7	3	16297	0.20614	0.54344	41.58089	2328.18942
9578	1111	25	0.11709	2	10	1.00	7	3	1035	0.28201	0.01760	24.91233	121.18815
9578	1115	25	0.19451	2	10	1.00	7	3	687	0.46793	0.01169	24.94171	133.62837
9578	9365	35	0.19088	10	4	1.00	7	3	2535	0.33634	0.26944	34.05145	483.8808
9578	9366	35	0.19191	10	4	1.00	7	3	2258	0.33686	0.24004	34.18156	433.33278
9580	1577	20	0.28728	2	10	1.00	0	3	483	0.86327	0.00822	19.96718	138.75624
9580	9581	45	0.14780	9	3	2.00	100	3	10796	0.21308	0.54003	41.61818	1595.6488
9580	9585	45	0.20886	9	3	2.00	100	3	13469	0.31445	0.67371	39.85289	2813.13534
9580	25078	25	0.14029	10	5	1.00	0	3	3445	0.35437	0.41854	23.75342	483.29905
9581	9580	45	0.14780	9	3	2.00	100	3	10697	0.21280	0.53506	41.67189	1581.0166
9581	9582	45	0.08659	9	3	2.00	100	3	10796	0.12484	0.54003	41.61818	934.82564
9582	9581	45	0.08659	9	3	2.00	100	3	10697	0.12468	0.53506	41.67189	926.25323
9582	9583	45	0.17780	9	3	2.00	100	3	10796	0.25633	0.54003	41.61818	1919.5288
9582	25068	25	0.11253	10	5	1.00	0	3	1650	0.27522	0.20049	24.53234	185.6745
9583	3716	30	0.18247	10	4	1.00	7	3	2096	0.37289	0.22281	29.36092	382.45712
9583	9582	45	0.17780	9	3	2.00	100	3	11255	0.25793	0.56297	41.36071	2001.139
9583	9584	45	0.42976	9	3	2.00	100	3	9020	0.60696	0.45116	42.48308	3876.4352
9583	25049	35	0.10689	10	4	1.00	7	3	1627	0.18615	0.17291	34.45251	173.91003
9584	1102	20	0.29424	2	10	1.00	7	3	1231	0.88641	0.02094	19.91659	362.20944
9584	9100	45	0.31245	9	7	1.00	100	3	6221	0.43379	0.44087	43.21685	1943.75145
9584	9583	45	0.42976	9	3	2.00	100	3	9036	0.60706	0.45196	42.47610	3883.31136
9584	22813	45	0.25324	9	3	2.00	100	0	11862	0.37065	0.59334	40.99400	3003.93288
9585	1107	20	0.26635	2	10	1.00	7	3	2862	0.80683	0.04868	19.80717	762.2937
9585	1575	20	0.25819	2	10	1.00	7	3	363	0.77551	0.00617	19.97536	93.72297
9585	8658	45	0.20715	9	3	2.00	100	3	14287	0.31745	0.71466	39.15331	2959.55205
9585	9580	45	0.20886	9	3	2.00	100	3	13458	0.31438	0.67319	39.86126	2810.83788
9587	1130	25	0.12221	2	10	1.00	7	3	1140	0.29443	0.01938	24.90346	139.3194
9587	9374	35	0.10520	10	4	1.00	7	3	84	0.18038	0.00889	34.99350	8.8368
9587	9575	35	0.10399	10	4	1.00	7	3	1187	0.18022	0.12616	34.62251	123.43613
9588	1126	25	0.12605	2	10	1.00	7	3	136	0.30267	0.00231	24.98847	17.1428
9588	9373	35	0.11191	10	4	1.00	7	3	1990	0.19576	0.21152	34.30083	222.7009
9588	9575	35	0.09816	10	4	1.00	7	3	2149	0.17205	0.22839	34.23108	210.94584
9589	1128	25	0.07764	2	10	1.00	7	3	205	0.18646	0.00348	24.98261	15.9162
9589	1130	25	0.12471	2	10	1.00	7	3	30	0.29933	0.00051	24.99743	3.7413
9589	9374	35	0.12481	10	4	1.00	7	3	532	0.21487	0.05651	34.85149	66.39892
9589	9597	35	0.13953	10	4	1.00	7	3	650	0.24048	0.06909	34.81209	90.6945
9590	9341	45	0.05759	10	3	2.00	7	3	13867	0.08743	0.69365	39.52370	798.60053
9590	9394	45	0.05790	10	3	2.00	7	3	13440	0.08713	0.67228	39.87570	778.176
9591	1125	25	0.09899	2	10	1.00	7	3	1582	0.23886	0.02691	24.86617	156.60218
9591	9341	45	0.11446	10	3	2.00	7	3	13542	0.17258	0.67737	39.79394	1550.01732
9591	9573	45	0.07245	10	3	2.00	7	3	14530	0.11166	0.72681	38.92706	1052.6985
9593	1119	20	0.22692	2	10	1.00	0	0	332	0.68153	0.00565	19.97742	75.33744
9593	9342	45	0.21373	10	3	2.00	7	3	11866	0.31283	0.59352	40.99181	2536.12018
9593	9351	45	0.32928	10	3	2.00	7	3	10445	0.47260	0.52246	41.80502	3439.3296
9593	23316	30	0.11922	10	5	1.00	0	0	882	0.24058	0.10709	29.73250	105.15204
9594	9370	35	0.13133	10	4	1.00	7	3	2184	0.23029	0.23214	34.21523	286.82472
9594	9371	35	0.09531	10	4	1.00	7	3	1703	0.16614	0.18104	34.42148	162.31293
9594	9596	35	0.11721	9	7	1.00	100	3	597	0.20142	0.04232	34.91513	69.97437
9595	1109	20	0.41260	2	10	1.00	0	0	54	1.23801	0.00092	19.99631	22.2804
9595	9577	35	0.32847	9	7	1.00	100	3	311	0.56378	0.02201	34.95741	102.15417
9595	30003	35	0.23034	9	7	1.00	100	3	364	0.39544	0.02581	34.94963	83.84376
9596	1122	25	0.09566	2	10	1.00	7	3	527	0.23000	0.00896	24.95528	50.41282

9596	5032	35	0.20768	9	7	1.00	100	3	326	0.35648	0.02312	34.95515	67.70368
9596	9594	35	0.11721	9	7	1.00	100	3	598	0.20142	0.04239	34.91498	70.09158
9597	9380	35	0.07899	10	4	1.00	7	3	854	0.13641	0.09079	34.74218	67.45746
9597	9573	45	0.11603	10	3	2.00	7	3	14798	0.18005	0.74019	38.66726	1717.01194
9597	9589	35	0.13953	10	4	1.00	7	3	658	0.24050	0.06996	34.80936	91.81074
9597	9611	45	0.16641	10	3	2.00	7	3	15300	0.26175	0.76530	38.14616	2546.073
9603	9606	35	0.10741	10	4	1.00	7	3	4114	0.19450	0.43732	33.13451	441.88474
9603	9608	35	0.05712	10	4	1.00	7	0	4090	0.10338	0.43479	33.15107	233.6208
9604	17260	35	0.09243	10	4	2.00	7	0	7510	0.16618	0.39915	33.37366	694.1493
9604	23327	35	0.07820	10	4	2.00	7	0	7470	0.14053	0.39701	33.38643	584.154
9605	9344	35	0.13838	10	4	1.00	7	0	1538	0.24074	0.16343	34.48814	212.82844
9605	9347	35	0.19567	10	4	1.00	7	0	2156	0.34300	0.22921	34.22762	421.86452
9605	12297	35	0.11026	10	4	2.00	7	0	7254	0.19774	0.38551	33.45417	799.82604
9605	17260	35	0.17647	10	4	2.00	7	0	8685	0.32113	0.46155	32.97123	1532.64195
9606	9379	35	0.16630	10	4	1.00	7	3	4114	0.30114	0.43732	33.13451	684.1582
9606	9603	35	0.10741	10	4	1.00	7	3	4090	0.19440	0.43479	33.15107	439.3069
9607	23264	30	0.15686	10	5	1.00	0	0	2053	0.32161	0.24937	29.26377	322.03358
9607	23276	45	0.20519	9	3	3.00	100	0	11883	0.28677	0.39624	42.93132	2438.27277
9607	23282	30	0.09783	10	5	1.00	0	0	1236	0.19829	0.15014	29.60320	120.91788
9607	24254	45	0.11453	9	3	3.00	100	0	11158	0.15940	0.37208	43.11144	1277.92574
9608	9603	35	0.05712	10	4	1.00	7	0	4114	0.10343	0.43732	33.13451	234.99168
9608	12276	35	0.11611	10	4	1.00	7	0	4376	0.21145	0.46510	32.94646	508.09736
9608	25053	35	0.14793	10	4	1.00	7	0	1358	0.25684	0.14437	34.55798	200.88894
9609	9349	45	0.28475	9	3	3.00	100	0	18525	0.42003	0.61776	40.67547	5274.99375
9609	12272	30	0.15264	10	5	1.00	0	0	3042	0.31852	0.36959	28.75297	464.33088
9609	12296	45	0.13838	9	3	3.00	100	0	18081	0.20314	0.60295	40.87136	2502.04878
9609	24065	30	0.13437	10	5	1.00	0	0	2151	0.27593	0.26134	29.21834	289.02987
9610	1312	20	0.13291	2	10	1.00	0	0	178	0.39897	0.00302	19.98792	23.65798
9610	1333	20	0.14302	2	10	1.00	0	0	523	0.42983	0.00890	19.96446	74.79946
9610	8656	35	0.14713	10	4	2.00	7	0	8084	0.26603	0.42963	33.18444	1189.39892
9610	12161	35	0.08542	10	4	2.00	7	0	8264	0.15473	0.43922	33.12208	705.91088
9611	1129	25	0.08999	2	10	1.00	7	3	649	0.21645	0.01104	24.94492	58.40351
9611	9340	45	0.16116	10	3	2.00	7	3	16304	0.26167	0.81550	36.95458	2627.55264
9611	9597	45	0.16641	10	3	2.00	7	3	14875	0.25873	0.74403	38.59035	2475.34875
9611	24900	35	0.15107	10	4	1.00	7	3	615	0.26029	0.06538	34.82380	92.90805
9612	9380	35	0.08944	10	4	1.00	7	3	949	0.15461	0.10083	34.70893	84.87856
9612	24912	35	0.11483	10	4	1.00	7	3	940	0.19848	0.09992	34.71197	107.9402
9614	1227	25	0.07340	2	10	1.00	0	3	645	0.17656	0.01096	24.94530	47.343
9614	1228	25	0.12102	2	10	1.00	0	3	462	0.29090	0.00786	24.96076	55.91124
9614	3719	35	0.20585	10	3	1.00	0	3	2970	0.36410	0.29713	33.92181	611.3745
9614	9618	35	0.18205	10	3	1.00	0	3	2776	0.32113	0.27776	34.01326	505.3708
9615	333	25	0.14133	2	10	1.00	0	3	668	0.33997	0.01136	24.94334	94.40844
9615	1228	25	0.18572	2	10	1.00	0	3	1330	0.44774	0.02262	24.88743	247.0076
9615	9097	35	0.12269	10	3	1.00	0	3	4688	0.22362	0.46902	32.91889	575.17072
9615	9618	35	0.14266	10	3	1.00	0	3	2785	0.25168	0.27856	34.00954	397.3081
9618	9614	35	0.18205	10	3	1.00	0	3	2785	0.32117	0.27856	34.00954	507.00925
9618	9615	35	0.14266	10	3	1.00	0	3	2776	0.25165	0.27776	34.01326	396.02416
9619	1229	25	0.13098	2	10	1.00	0	3	467	0.31486	0.00795	24.96033	61.16766
9619	3717	40	0.07714	10	3	2.00	0	3	4435	0.11822	0.22186	39.15239	342.1159
9619	8609	40	0.08205	10	3	2.00	0	3	4636	0.12590	0.23189	39.10436	380.3838
9630	3725	0	0.37417	10	3	0.00	0	3	0	0.00000	0.00000	0.00000	0
9631	22746	45	0.21637	10	3	2.00	7	0	11702	0.31592	0.58532	41.09388	2531.96174
9800	1224	25	0.07534	2	10	1.00	4	3	1533	0.18176	0.02607	24.87031	115.49622
9800	8894	30	0.21270	10	5	1.00	4	3	7498	0.56350	0.91080	22.64793	1594.8246
9800	8896	30	0.07153	10	5	1.00	4	3	7919	0.20214	0.96203	21.23333	566.44607
9801	1225	25	0.05713	2	10	1.00	4	3	62	0.13713	0.00105	24.99474	3.54206
9801	8754	30	0.05704	10	5	1.00	4	3	12741	0.68479	1.54769	4.99755	726.74664
9801	8896	30	0.10864	10	5	1.00	4	3	12817	1.32638	1.55695	4.91435	1392.43888

9802	1225	25	0.05991	2	10	1.00	4	3	1205	0.14438	0.02049	24.89796	72.19155
9802	8754	45	0.05652	10	3	4.00	4	3	36414	0.09982	0.91073	33.97453	2058.11928
9802	8758	45	0.14703	10	3	4.00	4	3	35500	0.25355	0.88786	34.79334	5219.565
9803	224	25	0.04186	2	10	1.00	4	3	9921	0.10385	0.16872	24.18392	415.29306
9803	1226	25	0.07131	2	10	1.00	4	3	4634	0.17384	0.07881	24.61206	330.45054
9803	8896	30	0.07193	10	5	1.00	4	3	14294	1.16494	1.73638	3.70468	1028.16742
10290	5540	65	0.03020	2	9	1.00	0	0	0	0.02786	0.00000	65.03497	0
10290	13543	65	0.42326	2	8	1.00	0	0	15324	0.44006	0.65154	57.70926	6486.03624
10903	5672	40	0.25324	10	3	3.00	1	0	33494	0.74500	1.11691	20.39553	8482.02056
11066	5824	30	0.22880	23	3	1.00	901	0	13879	1.96555	1.38844	6.98446	3175.5152
11328	5948	35	0.25740	23	3	2.00	901	0	21838	0.80944	1.09235	19.07985	5621.1012
12160	1331	20	0.12354	2	10	1.00	0	0	2488	0.37376	0.04231	19.83217	307.36752
12160	1332	20	0.11151	2	10	1.00	0	0	216	0.33477	0.00367	19.98535	24.08616
12160	16568	25	0.08511	10	5	1.00	0	0	1343	0.20730	0.16308	24.63531	114.30273
12161	9343	35	0.09396	10	4	2.00	7	0	8264	0.17022	0.43922	33.12208	776.48544
12161	9610	35	0.08542	10	4	2.00	7	0	7697	0.15384	0.40907	33.31350	657.47774
12164	14125	45	0.07450	9	3	3.00	100	0	13751	0.10538	0.45856	42.41815	1024.4495
12164	23331	45	0.04024	9	3	3.00	100	0	13893	0.05697	0.46328	42.37614	559.05432
12165	1346	20	0.12453	2	10	1.00	0	0	326	0.37401	0.00555	19.97782	40.59678
12165	1347	20	0.13217	2	10	1.00	0	0	514	0.39720	0.00874	19.96511	67.93538
12165	23323	35	0.14641	10	4	2.00	7	0	1642	0.25277	0.08728	34.75365	240.40522
12165	24034	35	0.07800	10	4	2.00	7	0	1599	0.13464	0.08500	34.76109	124.722
12167	13410	35	0.15118	10	4	2.00	7	0	0	0.25902	0.00000	35.01883	0
12266	1341	20	0.14221	2	10	1.00	0	0	2002	0.42955	0.03405	19.86473	284.70442
12266	22733	30	0.09576	10	5	1.00	0	0	2720	0.19859	0.33043	28.93355	260.4672
12266	23274	30	0.08885	10	5	1.00	0	0	588	0.17870	0.07141	29.83263	52.2438
12270	1314	20	0.17895	2	10	1.00	0	0	1010	0.53870	0.01718	19.93151	180.7395
12270	1347	20	0.14959	2	10	1.00	0	0	830	0.45003	0.01411	19.94371	124.1597
12270	9334	30	0.09543	10	5	1.00	0	0	1901	0.19522	0.23087	29.33195	181.41243
12270	23322	30	0.15111	10	5	1.00	0	0	547	0.30378	0.06646	29.84606	82.65717
12272	1313	20	0.14073	2	10	1.00	0	0	391	0.42274	0.00664	19.97347	55.02543
12272	1314	20	0.13795	2	10	1.00	0	0	2682	0.41762	0.04562	19.81918	369.9819
12272	9609	30	0.15264	10	5	1.00	0	0	2985	0.31815	0.36261	28.78626	455.6304
12272	23322	30	0.09568	10	5	1.00	0	0	275	0.19179	0.03336	29.93306	26.312
12274	1313	20	0.09543	2	10	1.00	0	0	460	0.28675	0.00782	19.96875	43.8978
12274	1347	20	0.16704	2	10	1.00	0	0	4	0.50113	0.00008	19.99970	0.66816
12274	23322	30	0.14647	10	5	1.00	0	0	468	0.29420	0.05680	29.87193	68.54796
12274	23323	30	0.14256	10	5	1.00	0	0	113	0.28528	0.01369	29.98258	16.10928
12276	1208	20	0.09997	2	10	1.00	0	0	463	0.30039	0.00787	19.96855	46.28611
12276	1211	20	0.16066	2	10	1.00	0	0	78	0.48209	0.00132	19.99471	12.53148
12276	9608	35	0.11611	10	4	1.00	7	0	4513	0.21212	0.47969	32.84253	524.00443
12276	24033	35	0.08589	10	4	1.00	7	0	4294	0.15613	0.45639	33.00677	368.81166
12291	1357	20	0.14336	2	10	1.00	0	0	18	0.43011	0.00031	19.99875	2.58048
12291	1358	20	0.16757	2	10	1.00	0	0	67	0.50282	0.00115	19.99542	11.22719
12291	23327	30	0.13838	10	5	1.00	0	0	22	0.27667	0.00263	30.00975	3.04436
12291	23328	30	0.14952	10	5	1.00	0	0	121	0.29924	0.01471	29.98005	18.09192
12292	1315	20	0.13559	2	10	1.00	0	0	118	0.40693	0.00201	19.99196	15.99962
12292	1357	20	0.14028	2	10	1.00	0	0	46	0.42091	0.00078	19.99690	6.45288
12292	9349	35	0.10250	10	4	2.00	7	0	7607	0.18445	0.40427	33.34281	779.7175
12292	23327	35	0.13938	10	4	2.00	7	0	7423	0.25037	0.39452	33.40128	1034.61774
12293	1315	20	0.13065	2	10	1.00	0	0	255	0.39229	0.00434	19.98266	33.31575
12293	1317	20	0.16981	2	10	1.00	0	0	11	0.50944	0.00019	19.99925	1.86791
12293	23326	30	0.12547	10	5	1.00	0	0	15	0.25084	0.00185	30.01164	1.88205
12293	23327	30	0.13206	10	5	1.00	0	0	544	0.26546	0.06604	29.84719	71.84064
12294	1316	20	0.13380	2	10	1.00	0	0	600	0.40222	0.01020	19.95929	80.28
12294	1317	20	0.13025	2	10	1.00	0	0	856	0.39189	0.01456	19.94194	111.494
12294	9346	30	0.18660	10	5	1.00	0	0	1355	0.37879	0.16462	29.55748	252.843
12294	23326	30	0.16351	10	5	1.00	0	0	992	0.33040	0.12053	29.69318	162.20192

12295	1349	20	0.13093	2	10	1.00	0	0	1728	0.39510	0.02939	19.88314	226.24704
12295	2507	45	0.30740	9	3	2.00	100	0	16998	0.51246	0.85023	35.99169	5225.1852
12295	9111	45	0.26647	9	3	2.00	100	0	17044	0.44506	0.85253	35.92334	4541.71468
12296	1349	20	0.16063	2	10	1.00	0	0	1646	0.48459	0.02800	19.88864	264.39698
12296	9111	45	0.07159	9	3	3.00	100	0	18081	0.10510	0.60295	40.87136	1294.41879
12296	9609	45	0.13838	9	3	3.00	100	0	18521	0.20411	0.61762	40.67745	2562.93598
12297	1359	20	0.11927	2	10	1.00	0	0	457	0.35837	0.00778	19.96893	54.50639
12297	9605	35	0.11026	10	4	2.00	7	0	7683	0.19855	0.40832	33.31808	847.12758
12297	23249	35	0.14441	10	4	2.00	7	0	7750	0.26023	0.41188	33.29622	1119.1775
12298	1350	20	0.07997	2	10	1.00	0	0	402	0.24025	0.00684	19.97268	32.14794
12298	23336	30	0.15206	10	5	1.00	0	0	1072	0.30756	0.13020	29.66431	163.00832
12298	24030	30	0.09034	10	5	1.00	0	0	1190	0.18300	0.14458	29.62048	107.5046
12299	1350	20	0.14589	2	10	1.00	0	0	80	0.43778	0.00137	19.99453	11.6712
12299	9381	30	0.18894	10	5	1.00	0	0	626	0.38017	0.07607	29.81990	118.27644
12299	23336	30	0.10187	10	5	1.00	0	0	523	0.20473	0.06348	29.85408	53.27801
12300	1333	20	0.18300	2	10	1.00	0	0	140	0.54927	0.00239	19.99046	25.62
12300	1351	20	0.17139	2	10	1.00	0	0	217	0.51455	0.00369	19.98527	37.19163
12300	9225	35	0.10845	10	4	1.00	7	0	3164	0.19294	0.33628	33.72549	343.1358
12300	16568	35	0.15662	10	4	1.00	7	0	4143	0.28377	0.44032	33.11482	648.87666
13410	1198	20	0.05520	2	10	1.00	0	0	349	0.16580	0.00594	19.97626	19.2648
13410	12167	35	0.15118	10	4	2.00	7	0	0	0.25902	0.00000	35.01883	0
13410	24034	35	0.17985	10	4	2.00	7	0	349	0.30861	0.01857	34.96552	62.76765
13540	7153	65	0.58972	2	8	1.00	0	0	17302	0.63627	0.73562	55.61028	10203.33544
13540	8952	65	0.03121	2	9	1.00	0	0	1071	0.02894	0.06071	64.69993	33.42591
13543	7148	65	0.29336	2	8	1.00	0	0	17475	0.31772	0.74298	55.39958	5126.466
13543	8954	65	0.03792	2	9	1.00	0	0	0	0.03498	0.00000	65.03497	0
13885	5856	63	0.08098	23	1	4.00	901	0	107410	0.15644	1.14169	31.05783	8698.0618
13976	258	25	0.07499	2	10	1.00	3	3	2669	0.18162	0.04540	24.77505	200.14831
13976	1231	25	0.08749	2	10	1.00	3	3	3474	0.21245	0.05907	24.70808	303.94026
13976	5616	35	0.11304	10	5	1.00	0	3	6777	0.23728	0.82325	28.58377	766.07208
13976	25042	35	0.10961	10	5	1.00	0	3	1296	0.19058	0.15749	34.51019	142.05456
14123	1314	20	0.11617	2	10	1.00	0	0	5371	0.35487	0.09135	19.64116	623.94907
14123	2489	45	0.24912	9	3	2.00	100	0	19106	0.46510	0.95566	32.13732	4759.68672
14123	9111	45	0.24243	9	3	2.00	100	0	16810	0.40112	0.84086	36.26398	4075.2483
14125	1356	20	0.15910	2	10	1.00	0	0	473	0.47807	0.00804	19.96791	75.2543
14125	1357	20	0.11015	2	10	1.00	0	0	515	0.33103	0.00876	19.96502	56.72725
14125	9349	45	0.10358	9	3	3.00	100	0	13945	0.14672	0.46502	42.36050	1444.4231
14125	12164	45	0.07450	9	3	3.00	100	0	13893	0.10549	0.46328	42.37614	1035.0285
14153	1202	20	0.16068	2	10	1.00	0	0	135	0.48226	0.00230	19.99079	21.6918
14153	1341	20	0.13352	2	10	1.00	0	0	861	0.40174	0.01465	19.94159	114.96072
14153	23272	30	0.19580	10	5	1.00	0	0	90	0.39174	0.01095	29.98935	17.622
14153	23274	30	0.10835	10	5	1.00	0	0	0	0.21658	0.00000	30.01614	0
14157	1204	20	0.16068	2	10	1.00	0	0	683	0.48316	0.01161	19.95366	109.74444
14157	1343	20	0.17215	2	10	1.00	0	0	995	0.51820	0.01693	19.93253	171.28925
14157	1344	20	0.18786	2	10	1.00	0	0	4	0.56357	0.00006	19.99976	0.75144
14157	23259	35	0.16872	10	4	1.00	7	0	3810	0.30365	0.40499	33.33844	642.8232
14157	23279	35	0.10547	10	4	1.00	7	0	4200	0.19133	0.44645	33.07413	442.974
15058	1100	20	0.10189	2	10	1.00	0	0	2811	0.30860	0.04780	19.81061	286.41279
15058	2489	45	0.23798	9	3	2.00	100	0	17463	0.40482	0.87351	35.27099	4155.84474
15058	9142	45	0.12877	9	3	2.00	100	0	17116	0.21573	0.85613	35.81489	2204.02732
15064	5511	45	0.10042	10	5	2.00	1	3	16668	0.20538	1.01237	29.33549	1673.80056
15064	9079	45	0.22671	10	5	2.00	1	3	16703	0.46557	1.01454	29.21718	3786.73713
15250	258	25	0.10660	2	10	1.00	3	3	1351	0.25702	0.02297	24.88566	144.0166
15250	5618	35	0.10915	10	4	2.00	3	3	1761	0.18855	0.09359	34.73296	192.21315
15250	5620	35	0.12124	10	4	2.00	3	3	948	0.20861	0.05038	34.87040	114.93552
16067	8725	40	0.25427	10	3	2.00	0	0	13100	0.42759	0.65527	35.67958	3330.937
16067	23046	40	0.34187	10	3	2.00	0	0	14848	0.59756	0.74268	34.32658	5076.08576
16567	1319	20	0.11499	2	10	1.00	0	0	5071	0.35092	0.08625	19.66086	583.11429

16567	2507	45	0.28623	9	3	2.00	100	0	17064	0.47847	0.85354	35.89312	4884.22872
16567	2508	45	0.18789	9	3	2.00	100	0	17061	0.31405	0.85340	35.89727	3205.59129
16568	1319	20	0.19913	2	10	1.00	0	0	1696	0.60082	0.02884	19.88531	337.72448
16568	2508	35	0.22640	10	4	1.00	7	0	1402	0.39328	0.14902	34.54115	317.4128
16568	12160	25	0.08511	10	5	1.00	0	0	2704	0.21174	0.32842	24.11870	230.13744
16568	12300	35	0.15662	10	4	1.00	7	0	3480	0.28015	0.36993	33.54322	545.0376
17109	7141	65	0.45023	2	8	1.00	0	0	15343	0.46825	0.65235	57.69146	6907.87889
17260	1317	20	0.13941	2	10	1.00	0	0	1379	0.42019	0.02346	19.90660	192.24639
17260	1358	20	0.12327	2	10	1.00	0	0	2216	0.37260	0.03769	19.85036	273.16632
17260	9604	35	0.09243	10	4	2.00	7	0	7470	0.16612	0.39701	33.38643	690.4521
17260	9605	35	0.17647	10	4	2.00	7	0	8348	0.31996	0.44367	33.09264	1473.17156
18205	7145	65	0.35320	2	8	1.00	0	0	13949	0.35983	0.59308	58.89407	4926.7868
18205	8944	65	0.01332	2	9	1.00	0	0	4598	0.01262	0.26068	63.31189	61.24536
22227	99	25	0.10990	2	10	1.00	1	3	658	0.26435	0.01119	24.94417	72.3142
22227	112	25	0.08149	2	10	1.00	1	3	1145	0.19635	0.01948	24.90297	93.30605
22227	5756	40	0.09733	10	3	2.00	1	3	14680	0.16940	0.73428	34.47410	1428.8044
22227	5758	40	0.09403	10	3	2.00	1	3	13219	0.15848	0.66124	35.59875	1242.98257
22228	98	25	0.18645	2	10	1.00	1	3	216	0.44780	0.00368	24.98161	40.2732
22228	99	25	0.10025	2	10	1.00	1	3	815	0.24128	0.01386	24.93089	81.70375
22228	5758	25	0.01526	10	5	1.00	1	3	1061	0.03704	0.12886	24.72361	16.19086
22539	2507	35	0.06359	23	5	1.00	901	0	3046	0.11375	0.36998	33.54295	193.69514
22664	9142	45	0.32678	9	3	2.00	100	0	17050	0.54594	0.85285	35.91354	5571.599
22675	9142	35	0.13473	23	5	1.00	901	0	300	0.23154	0.03646	34.91261	40.419
22686	9111	45	0.13797	9	3	3.00	100	0	13516	0.19484	0.45070	42.48709	1864.80252
22696	23317	45	0.13771	9	3	3.00	100	0	15820	0.19790	0.52753	41.75201	2178.5722
22696	24034	45	0.18451	9	3	3.00	100	0	15144	0.26369	0.50502	41.98235	2794.21944
22697	23324	30	0.12949	10	5	1.00	0	0	323	0.25969	0.03926	29.91790	41.82527
22697	23325	30	0.11770	10	5	1.00	0	0	259	0.23589	0.03149	29.93782	30.4843
22700	22740	45	0.14478	9	3	3.00	100	0	11801	0.20224	0.39351	42.95219	1708.54878
22700	23279	45	0.17738	9	3	3.00	100	0	11239	0.24698	0.37479	43.09167	1993.57382
22733	12266	30	0.09576	10	5	1.00	0	0	2188	0.19677	0.26581	29.20109	209.52288
22733	22740	45	0.05979	9	3	3.00	100	0	11239	0.08325	0.37479	43.09167	671.97981
22733	25050	30	0.09266	10	5	1.00	0	0	748	0.18670	0.09086	29.77880	69.30968
22733	25054	45	0.17358	9	3	3.00	100	0	10295	0.24044	0.34331	43.31379	1787.0061
22735	23266	30	0.07165	10	5	1.00	0	0	1339	0.14541	0.16265	29.56376	95.93935
22735	23278	30	0.07953	10	5	1.00	0	0	1402	0.16154	0.17026	29.53931	111.50106
22740	22700	45	0.14478	9	3	3.00	100	0	11239	0.20158	0.37479	43.09167	1627.18242
22740	22733	45	0.05979	9	3	3.00	100	0	11801	0.08352	0.39351	42.95219	705.58179
22746	9631	45	0.21637	10	3	2.00	7	0	11721	0.31601	0.58628	41.08207	2536.07277
22746	22749	45	0.44803	9	3	3.00	100	0	3043	0.60243	0.10146	44.62308	1363.35529
22746	23273	40	0.12423	10	3	2.00	7	0	5709	0.19195	0.28554	38.83079	709.22907
22746	25054	45	0.19406	9	3	3.00	100	0	9202	0.26734	0.30685	43.55299	1785.74012
22749	22746	45	0.44803	9	3	3.00	100	0	3004	0.60235	0.10016	44.62864	1345.88212
22798	1415	0	0.19380	2	10	0.00	0	0	0	0.00000	0.00000	0.00000	0
22799	1419	0	0.10499	2	10	0.00	0	0	0	0.00000	0.00000	0.00000	0
22813	9584	45	0.25324	9	3	2.00	100	0	11646	0.36944	0.58253	41.12810	2949.23304
23046	16067	40	0.34187	10	3	2.00	0	0	13100	0.57490	0.65527	35.67958	4478.497
23096	1415	0	0.19726	2	10	0.00	0	0	0	0.00000	0.00000	0.00000	0
23099	1418	0	0.09099	2	10	0.00	0	0	0	0.00000	0.00000	0.00000	0
23122	8985	45	0.28791	9	3	2.00	100	0	19346	0.54683	0.96767	31.59029	5569.90686
23249	9382	35	0.10589	10	4	2.00	7	0	8344	0.19197	0.44345	33.09413	883.54616
23249	12297	35	0.14441	10	4	2.00	7	0	8140	0.26126	0.43263	33.16503	1175.4974
23249	24062	25	0.11139	10	5	1.00	0	0	71	0.26737	0.00867	24.99581	7.90869
23249	24671	25	0.07324	10	5	1.00	0	0	813	0.17720	0.09879	24.79695	59.54412
23253	23260	45	0.17817	9	3	3.00	100	0	13096	0.25091	0.43671	42.60669	2333.31432
23253	23280	35	0.14329	10	4	1.00	7	0	3429	0.25608	0.36451	33.57350	491.34141
23253	23284	35	0.10795	10	4	1.00	7	0	3767	0.19411	0.40037	33.36634	406.64765
23253	24254	45	0.19892	9	3	3.00	100	0	11283	0.27704	0.37625	43.08104	2244.41436

23259	14157	35	0.16872	10	4	1.00	7	0	3827	0.30375	0.40681	33.32734	645.69144
23259	23278	30	0.16072	10	5	1.00	0	0	1600	0.32733	0.19436	29.45966	257.152
23259	23280	35	0.10024	10	4	1.00	7	0	2946	0.17771	0.31312	33.84354	295.30704
23259	23325	30	0.17338	10	5	1.00	0	0	457	0.34821	0.05553	29.87532	79.23466
23260	1210	20	0.12280	2	10	1.00	0	0	97	0.36853	0.00166	19.99338	11.9116
23260	23253	45	0.17817	9	3	3.00	100	0	13252	0.25117	0.44192	42.56257	2361.10884
23260	23331	45	0.14078	9	3	3.00	100	0	13096	0.19825	0.43671	42.60669	1843.65488
23261	1118	20	0.19036	2	10	1.00	0	0	701	0.57243	0.01192	19.95244	133.44236
23261	23272	40	0.33087	10	3	2.00	7	0	5399	0.51018	0.27006	38.91274	1786.36713
23261	23275	30	0.19405	10	5	1.00	0	0	2462	0.40055	0.29909	29.06772	477.7511
23261	23277	40	0.09068	10	3	2.00	7	0	6301	0.14070	0.31515	38.66675	571.37468
23262	1202	20	0.10976	2	10	1.00	0	0	498	0.32984	0.00848	19.96615	54.66048
23262	1204	20	0.15754	2	10	1.00	0	0	667	0.47369	0.01135	19.95472	105.07918
23262	23266	30	0.16860	10	5	1.00	0	0	826	0.34001	0.10036	29.75187	139.2636
23262	23274	30	0.16088	10	5	1.00	0	0	688	0.32393	0.08359	29.79912	110.68544
23264	1203	20	0.15815	2	10	1.00	0	0	718	0.47560	0.01221	19.95126	113.5517
23264	1205	20	0.15789	2	10	1.00	0	0	688	0.47477	0.01171	19.95328	108.62832
23264	9607	30	0.15686	10	5	1.00	0	0	1821	0.32048	0.22115	29.36681	285.64206
23264	23266	30	0.08340	10	5	1.00	0	0	728	0.16799	0.08846	29.78555	60.7152
23265	1299	20	0.11263	2	10	1.00	0	0	222	0.33814	0.00378	19.98490	25.00386
23265	1312	20	0.11413	2	10	1.00	0	0	475	0.34295	0.00808	19.96772	54.21175
23265	9343	35	0.16537	10	4	1.00	7	0	2420	0.29092	0.25719	34.10657	400.1954
23265	23334	35	0.10761	10	4	1.00	7	0	2456	0.18940	0.26110	34.08910	264.29016
23266	22735	30	0.07165	10	5	1.00	0	0	1402	0.14553	0.17026	29.53931	100.4533
23266	23262	30	0.16860	10	5	1.00	0	0	931	0.34043	0.11305	29.71519	156.9666
23266	23264	30	0.08340	10	5	1.00	0	0	690	0.16792	0.08382	29.79850	57.546
23266	23275	30	0.11303	10	5	1.00	0	0	1305	0.22930	0.15853	29.57686	147.50415
23272	14153	30	0.19580	10	5	1.00	0	0	906	0.39524	0.11005	29.72392	177.3948
23272	23261	40	0.33087	10	3	2.00	7	0	6003	0.51231	0.30025	38.75058	1986.21261
23272	23273	40	0.11770	10	3	2.00	7	0	4673	0.18064	0.23376	39.09529	550.0121
23273	1341	20	0.16734	2	10	1.00	0	0	1074	0.50385	0.01826	19.92721	179.72316
23273	22746	40	0.12423	10	3	2.00	7	0	4673	0.19065	0.23376	39.09529	580.52679
23273	23272	40	0.11770	10	3	2.00	7	0	6093	0.18236	0.30475	38.72549	717.1461
23274	12266	30	0.08885	10	5	1.00	0	0	688	0.17890	0.08359	29.79912	61.1288
23274	14153	30	0.10835	10	5	1.00	0	0	0	0.21658	0.00000	30.01614	0
23274	23262	30	0.16088	10	5	1.00	0	0	588	0.32356	0.07141	29.83263	94.59744
23275	1202	20	0.16227	2	10	1.00	0	0	576	0.48776	0.00979	19.96091	93.46752
23275	1203	20	0.10071	2	10	1.00	0	0	2262	0.30445	0.03846	19.84733	227.80602
23275	23261	30	0.19405	10	5	1.00	0	0	1369	0.39398	0.16625	29.55223	265.65445
23275	23266	30	0.11303	10	5	1.00	0	0	1434	0.22969	0.17418	29.52659	162.08502
23276	9351	45	0.10340	9	3	3.00	100	0	11883	0.14451	0.39624	42.93132	1228.7022
23276	9607	45	0.20519	9	3	3.00	100	0	11997	0.28696	0.40005	42.90203	2461.66443
23277	1203	20	0.14685	2	10	1.00	0	0	415	0.44117	0.00705	19.97183	60.94275
23277	9351	40	0.15114	10	3	2.00	7	0	7464	0.23669	0.37337	38.31294	1128.10896
23277	23261	40	0.09068	10	3	2.00	7	0	6776	0.14121	0.33895	38.52739	614.44768
23278	1204	20	0.17031	2	10	1.00	0	0	7	0.51094	0.00011	19.99955	1.19217
23278	1205	20	0.08754	2	10	1.00	0	0	559	0.26312	0.00950	19.96207	48.93486
23278	22735	30	0.07953	10	5	1.00	0	0	1339	0.16140	0.16265	29.56376	106.49067
23278	23259	30	0.16072	10	5	1.00	0	0	2137	0.32996	0.25954	29.22522	343.45864
23279	1342	20	0.14911	2	10	1.00	0	0	1036	0.44890	0.01762	19.92978	154.47796
23279	14157	35	0.10547	10	4	1.00	7	0	4324	0.19185	0.45959	32.98477	456.05228
23279	22700	45	0.17738	9	3	3.00	100	0	11801	0.24779	0.39351	42.95219	2093.26138
23279	23317	45	0.17117	9	3	3.00	100	0	14909	0.24418	0.49718	42.05947	2551.97353
23280	1205	20	0.16148	2	10	1.00	0	0	334	0.48499	0.00568	19.97730	53.93432
23280	1209	20	0.13119	2	10	1.00	0	0	908	0.39479	0.01544	19.93845	119.12052
23280	23253	35	0.14329	10	4	1.00	7	0	3541	0.25659	0.37638	33.50673	507.38989
23280	23259	35	0.10024	10	4	1.00	7	0	2500	0.17654	0.26573	34.06828	250.6
23281	23282	30	0.12335	10	5	1.00	0	0	472	0.24777	0.05731	29.87059	58.2212

23281	23283	30	0.12885	10	5	1.00	0	0	415	0.25865	0.05037	29.88894	53.47275
23281	23319	30	0.09919	10	5	1.00	0	0	0	0.19828	0.00000	30.01614	0
23281	25052	30	0.11480	10	5	1.00	0	0	324	0.23023	0.03941	29.91751	37.1952
23282	1206	20	0.16627	2	10	1.00	0	0	412	0.49952	0.00700	19.97203	68.50324
23282	1207	20	0.13159	2	10	1.00	0	0	367	0.39525	0.00625	19.97503	48.29353
23282	9607	30	0.09783	10	5	1.00	0	0	1229	0.19827	0.14929	29.60585	120.23307
23282	23281	30	0.12335	10	5	1.00	0	0	475	0.24778	0.05773	29.86947	58.59125
23283	1207	20	0.13306	2	10	1.00	0	0	765	0.40023	0.01301	19.94810	101.7909
23283	1208	20	0.09788	2	10	1.00	0	0	87	0.29372	0.00149	19.99405	8.51556
23283	23281	30	0.12885	10	5	1.00	0	0	407	0.25863	0.04949	29.89125	52.44195
23283	24033	30	0.09361	10	5	1.00	0	0	1419	0.19019	0.17238	29.53247	132.83259
23284	1207	20	0.18811	2	10	1.00	0	0	474	0.56523	0.00806	19.96782	89.16414
23284	1210	20	0.11797	2	10	1.00	0	0	102	0.35403	0.00174	19.99305	12.03294
23284	23253	35	0.10795	10	4	1.00	7	0	3624	0.19359	0.38516	33.45620	391.2108
23284	24033	35	0.16904	10	4	1.00	7	0	3333	0.30160	0.35431	33.62944	563.41032
23288	1331	20	0.12232	2	10	1.00	0	0	1388	0.36869	0.02360	19.90604	169.78016
23288	1332	20	0.10464	2	10	1.00	0	0	523	0.31447	0.00890	19.96445	54.72672
23288	8621	25	0.09748	10	5	1.00	0	0	4299	0.25182	0.52219	23.22658	419.06652
23316	9593	30	0.11922	10	5	1.00	0	0	884	0.24059	0.10741	29.73158	105.39048
23316	25052	30	0.10357	10	5	1.00	0	0	882	0.20900	0.10709	29.73250	91.34874
23317	1344	20	0.08394	2	10	1.00	0	0	384	0.25215	0.00652	19.97394	32.23296
23317	1345	20	0.12663	2	10	1.00	0	0	0	0.37988	0.00000	20.00000	0
23317	22696	45	0.13771	9	3	3.00	100	0	15144	0.19681	0.50502	41.98235	2085.48024
23317	23279	45	0.17117	9	3	3.00	100	0	15594	0.24552	0.52002	41.83038	2669.22498
23319	1208	20	0.12330	2	10	1.00	0	0	1	0.36990	0.00002	19.99992	0.1233
23319	1348	20	0.13712	2	10	1.00	0	0	1	0.41137	0.00002	19.99992	0.13712
23319	23281	30	0.09919	10	5	1.00	0	0	0	0.19828	0.00000	30.01614	0
23322	12270	30	0.15111	10	5	1.00	0	0	629	0.30406	0.07637	29.81908	95.04819
23322	12272	30	0.09568	10	5	1.00	0	0	266	0.19177	0.03226	29.93585	25.45088
23322	12274	30	0.14647	10	5	1.00	0	0	395	0.29397	0.04799	29.89520	57.85565
23323	12165	35	0.14641	10	4	2.00	7	0	1568	0.25267	0.08333	34.76649	229.57088
23323	12274	30	0.14256	10	5	1.00	0	0	174	0.28546	0.02115	29.96398	24.80544
23323	23324	30	0.10541	10	5	1.00	0	0	338	0.21143	0.04102	29.91335	35.62858
23323	24035	35	0.10671	10	4	2.00	7	0	1862	0.18443	0.09898	34.71510	198.69402
23324	1346	20	0.11843	2	10	1.00	0	0	309	0.35568	0.00525	19.97902	36.59487
23324	1356	20	0.13327	2	10	1.00	0	0	31	0.39986	0.00052	19.99792	4.13137
23324	22697	30	0.12949	10	5	1.00	0	0	259	0.25952	0.03149	29.93782	33.53791
23324	23323	30	0.10541	10	5	1.00	0	0	387	0.21154	0.04703	29.89770	40.79367
23325	1344	20	0.08754	2	10	1.00	0	0	355	0.26293	0.00603	19.97589	31.0767
23325	22697	30	0.11770	10	5	1.00	0	0	323	0.23605	0.03926	29.91790	38.0171
23325	23259	30	0.17338	10	5	1.00	0	0	383	0.34793	0.04658	29.89887	66.40454
23326	12293	30	0.12547	10	5	1.00	0	0	15	0.25084	0.00185	30.01164	1.88205
23326	12294	30	0.16351	10	5	1.00	0	0	1614	0.33309	0.19603	29.45402	263.90514
23326	24065	30	0.11526	10	5	1.00	0	0	977	0.23285	0.11868	29.69866	112.60902
23327	9604	35	0.07820	10	4	2.00	7	0	7510	0.14058	0.39915	33.37366	587.282
23327	12291	30	0.13838	10	5	1.00	0	0	28	0.27669	0.00343	30.00779	3.87464
23327	12292	35	0.13938	10	4	2.00	7	0	7661	0.25094	0.40714	33.32531	1067.79018
23327	12293	30	0.13206	10	5	1.00	0	0	259	0.26466	0.03150	29.93780	34.20354
23328	12291	30	0.14952	10	5	1.00	0	0	71	0.29909	0.00857	29.99520	10.61592
23328	23332	30	0.13720	10	5	1.00	0	0	1048	0.27742	0.12734	29.67290	143.7856
23328	24030	30	0.16095	10	5	1.00	0	0	1008	0.32530	0.12242	29.68758	162.2376
23329	23330	30	0.03740	10	5	1.00	0	0	799	0.07539	0.09706	29.76126	29.8826
23329	23332	30	0.08615	10	5	1.00	0	0	794	0.17367	0.09647	29.76294	68.4031
23330	23329	30	0.03740	10	5	1.00	0	0	794	0.07539	0.09647	29.76294	29.6956
23330	23331	30	0.04729	10	5	1.00	0	0	799	0.09534	0.09706	29.76126	37.78471
23331	12164	45	0.04024	9	3	3.00	100	0	13751	0.05692	0.45856	42.41815	553.34024
23331	23260	45	0.14078	9	3	3.00	100	0	13242	0.19844	0.44159	42.56544	1864.20876
23331	23330	30	0.04729	10	5	1.00	0	0	794	0.09534	0.09647	29.76294	37.54826

23332	1357	20	0.14310	2	10	1.00	0	0	249	0.42966	0.00424	19.98306	35.6319
23332	23328	30	0.13720	10	5	1.00	0	0	1028	0.27735	0.12493	29.68010	141.0416
23332	23329	30	0.08615	10	5	1.00	0	0	799	0.17368	0.09706	29.76126	68.83385
23333	1334	20	0.05381	2	10	1.00	0	0	369	0.16164	0.00627	19.97495	19.85589
23333	23334	30	0.11311	10	5	1.00	0	0	1702	0.23070	0.20671	29.41745	192.51322
23333	23337	30	0.09549	10	5	1.00	0	0	1506	0.19422	0.18294	29.49786	143.80794
23334	23265	35	0.10761	10	4	1.00	7	0	2756	0.19022	0.29291	33.94205	296.57316
23334	23333	30	0.11311	10	5	1.00	0	0	1732	0.23080	0.21039	29.40467	195.90652
23334	24037	35	0.09275	10	4	1.00	7	0	3851	0.16705	0.40931	33.31206	357.18025
23336	12298	30	0.15206	10	5	1.00	0	0	1078	0.30758	0.13091	29.66218	163.92068
23336	12299	30	0.10187	10	5	1.00	0	0	547	0.20478	0.06642	29.84616	55.72289
23336	23337	30	0.20764	10	5	1.00	0	0	645	0.41788	0.07838	29.81356	133.9278
23337	23333	30	0.09549	10	5	1.00	0	0	1476	0.19415	0.17925	29.51001	140.94324
23337	23336	30	0.20764	10	5	1.00	0	0	675	0.41802	0.08202	29.80348	140.157
23337	24062	30	0.26580	10	5	1.00	0	0	872	0.53632	0.10596	29.73576	231.7776
23338	1100	20	0.12735	2	10	1.00	0	0	18	0.38207	0.00031	19.99878	2.2923
23338	1340	20	0.12322	2	10	1.00	0	0	777	0.37063	0.01321	19.94730	95.74194
23338	9142	30	0.10455	10	5	1.00	0	0	2145	0.21466	0.26062	29.22109	224.25975
23339	1331	20	0.11320	2	10	1.00	0	0	2616	0.34263	0.04449	19.82362	296.1312
23339	2508	45	0.14302	9	3	2.00	100	0	17074	0.23918	0.85405	35.87774	2441.92348
23339	8985	45	0.14692	9	3	2.00	100	0	16991	0.24486	0.84988	36.00195	2496.31772
24030	9345	35	0.16679	10	4	1.00	7	0	1415	0.28977	0.15040	34.53615	236.00785
24030	12298	30	0.09034	10	5	1.00	0	0	1183	0.18298	0.14375	29.62304	106.87222
24030	23328	30	0.16095	10	5	1.00	0	0	977	0.32517	0.11869	29.69861	157.24815
24030	25053	35	0.13515	10	4	1.00	7	0	1512	0.23506	0.16068	34.49837	204.3468
24033	12276	35	0.08589	10	4	1.00	7	0	4743	0.15779	0.50420	32.65924	407.37627
24033	23283	30	0.09361	10	5	1.00	0	0	1087	0.18938	0.13202	29.65884	101.75407
24033	23284	35	0.16904	10	4	1.00	7	0	3216	0.30100	0.34182	33.69634	543.63264
24034	9334	45	0.28334	9	3	3.00	100	0	15387	0.40573	0.51310	41.90122	4359.75258
24034	12165	35	0.07800	10	4	2.00	7	0	1647	0.13467	0.08753	34.75283	128.466
24034	13410	35	0.17985	10	4	2.00	7	0	349	0.30861	0.01857	34.96552	62.76765
24034	22696	45	0.18451	9	3	3.00	100	0	15820	0.26515	0.52753	41.75201	2918.9482
24035	1313	20	0.14076	2	10	1.00	0	0	427	0.42291	0.00727	19.97098	60.10452
24035	1356	20	0.12644	2	10	1.00	0	0	273	0.37968	0.00464	19.98145	34.51812
24035	9349	35	0.17960	10	4	2.00	7	0	2019	0.31066	0.10728	34.68727	362.6124
24035	23323	35	0.10671	10	4	2.00	7	0	1800	0.18437	0.09567	34.72610	192.078
24037	1355	20	0.08326	2	10	1.00	0	0	605	0.25030	0.01028	19.95895	50.3723
24037	9340	35	0.14068	10	4	1.00	7	0	3246	0.25063	0.34504	33.67929	456.64728
24037	23334	35	0.09275	10	4	1.00	7	0	4180	0.16818	0.44433	33.08823	387.695
24062	1299	20	0.09349	2	10	1.00	0	0	85	0.28056	0.00145	19.99420	7.94665
24062	1359	20	0.16082	2	10	1.00	0	0	863	0.48388	0.01468	19.94145	138.78766
24062	23249	25	0.11139	10	5	1.00	0	0	106	0.26746	0.01285	24.98722	11.80734
24062	23337	30	0.26580	10	5	1.00	0	0	872	0.53631	0.10593	29.73586	231.7776
24065	1315	20	0.13322	2	10	1.00	0	0	491	0.40034	0.00835	19.96665	65.41102
24065	1316	20	0.20010	2	10	1.00	0	0	440	0.60119	0.00749	19.97010	88.044
24065	9609	30	0.13437	10	5	1.00	0	0	1526	0.27340	0.18543	29.48959	205.04862
24065	23326	30	0.11526	10	5	1.00	0	0	1598	0.23474	0.19417	29.46029	184.18548
24254	9607	45	0.11453	9	3	3.00	100	0	11283	0.15951	0.37625	43.08104	1292.24199
24254	23253	45	0.19892	9	3	3.00	100	0	11158	0.27685	0.37208	43.11144	2219.54936
24671	1318	20	0.14142	2	10	1.00	0	0	456	0.42493	0.00776	19.96902	64.48752
24671	1351	20	0.09202	2	10	1.00	0	0	361	0.27639	0.00614	19.97549	33.21922
24671	23249	25	0.07324	10	5	1.00	0	0	1092	0.17780	0.13259	24.71424	79.97808
24764	5029	45	0.09674	9	3	3.00	100	0	18939	0.14337	0.63154	40.48553	1832.15886
24764	24765	45	0.09209	9	3	3.00	100	0	19220	0.13693	0.64091	40.35184	1769.9698
24765	24764	45	0.09209	9	3	3.00	100	0	18939	0.13648	0.63154	40.48553	1744.09251
24765	24766	45	0.05754	9	3	3.00	100	0	19495	0.08584	0.65011	40.21692	1121.7423
24765	24777	25	0.08979	10	5	1.00	0	0	1130	0.21810	0.13728	24.70238	101.4627
24765	25126	25	0.07578	10	5	1.00	0	0	801	0.18335	0.09731	24.80047	60.69978

24766	24765	45	0.05754	9	3	3.00	100	0	19225	0.08556	0.64108	40.34937	1106.2065
24766	30005	45	0.10452	9	3	3.00	100	0	19495	0.15593	0.65011	40.21692	2037.6174
24767	1512	20	0.12084	2	10	1.00	0	0	309	0.36290	0.00526	19.97899	37.33956
24767	9384	25	0.09846	10	5	1.00	0	0	1542	0.24045	0.18726	24.56959	151.82532
24767	24768	45	0.06400	9	3	3.00	100	0	17294	0.09321	0.57670	41.19879	1106.816
24767	30005	45	0.04823	9	3	3.00	100	0	18656	0.07125	0.62211	40.61639	899.77888
24768	24767	45	0.06400	9	3	3.00	100	0	17033	0.09297	0.56798	41.30229	1090.112
24768	24769	45	0.05415	9	3	3.00	100	0	17294	0.07886	0.57670	41.19879	936.4701
24769	24768	45	0.05415	9	3	3.00	100	0	17033	0.07866	0.56798	41.30229	922.33695
24769	24770	45	0.07927	9	3	3.00	100	0	16850	0.11496	0.56190	41.37315	1335.6995
24769	24792	35	0.10045	10	5	1.00	0	0	2601	0.17815	0.31595	33.82943	261.27045
24769	25125	45	0.07427	10	5	1.00	0	0	1414	0.10059	0.17174	44.30179	105.01778
24770	24769	45	0.07927	9	3	3.00	100	0	16622	0.11472	0.55430	41.45990	1317.62594
24770	24771	45	0.07744	9	3	3.00	100	0	16850	0.11231	0.56190	41.37315	1304.864
24771	24770	45	0.07744	9	3	3.00	100	0	16622	0.11208	0.55430	41.45990	1287.20768
24771	24772	45	0.09379	9	3	3.00	100	0	16850	0.13601	0.56190	41.37315	1580.3615
24772	24771	45	0.09379	9	3	3.00	100	0	16622	0.13572	0.55430	41.45990	1558.97738
24772	25110	45	0.12761	9	3	3.00	100	0	16850	0.18507	0.56190	41.37315	2150.2285
24774	9359	50	0.15153	10	3	3.00	7	0	16572	0.19727	0.55263	46.08753	2511.15516
24774	25128	25	0.05446	10	5	1.00	0	0	2622	0.13528	0.31855	24.15455	142.79412
24774	25129	50	0.09675	10	3	3.00	7	0	16534	0.12591	0.55136	46.10335	1599.6645
24777	1505	20	0.14990	2	10	1.00	0	0	515	0.45050	0.00876	19.96503	77.1985
24777	1508	20	0.09754	2	10	1.00	0	0	159	0.29277	0.00270	19.98919	15.50886
24777	1509	20	0.08185	2	10	1.00	0	0	158	0.24569	0.00269	19.98923	12.9323
24777	1510	20	0.07222	2	10	1.00	0	0	217	0.21681	0.00369	19.98525	15.67174
24777	24765	25	0.08979	10	5	1.00	0	0	1114	0.21806	0.13529	24.70744	100.02606
24777	24778	25	0.07935	10	5	1.00	0	0	117	0.19056	0.01427	24.98428	9.28395
24778	24777	25	0.07935	10	5	1.00	0	0	116	0.19055	0.01410	24.98462	9.2046
24778	24779	25	0.07308	10	5	1.00	0	0	297	0.17583	0.03608	24.93841	21.70476
24778	30007	25	0.05582	10	5	1.00	0	0	330	0.13435	0.04004	24.92990	18.4206
24779	1505	20	0.14282	2	10	1.00	0	0	59	0.42856	0.00100	19.99598	8.42638
24779	1506	20	0.09131	2	10	1.00	0	0	221	0.27414	0.00376	19.98498	20.17951
24779	1508	20	0.08535	2	10	1.00	0	0	19	0.25606	0.00033	19.99869	1.62165
24779	24778	25	0.07308	10	5	1.00	0	0	309	0.17586	0.03750	24.93535	22.58172
24781	9387	50	0.26939	10	3	3.00	7	0	7667	0.33166	0.25567	48.73332	2065.41313
24781	30006	50	0.07046	10	3	3.00	7	0	7725	0.08678	0.25760	48.72105	544.3035
24789	1514	20	0.11457	2	10	1.00	0	0	161	0.34390	0.00274	19.98906	18.44577
24789	24790	45	0.10522	10	5	1.00	0	0	943	0.14166	0.11459	44.56601	99.22246
24789	24795	45	0.09245	10	5	1.00	0	0	1100	0.12470	0.13364	44.48087	101.695
24790	24789	45	0.10522	10	5	1.00	0	0	943	0.14166	0.11459	44.56601	99.22246
24790	24791	45	0.03685	10	5	1.00	0	0	943	0.04961	0.11459	44.56601	34.74955
24791	1201	20	0.25216	2	10	1.00	0	0	0	0.75648	0.00000	20.00000	0
24791	1503	20	0.17141	2	10	1.00	0	0	426	0.51496	0.00725	19.97105	73.02066
24791	1504	20	0.13613	2	10	1.00	0	0	520	0.40910	0.00884	19.96472	70.7876
24791	24790	45	0.03685	10	5	1.00	0	0	943	0.04961	0.11459	44.56601	34.74955
24792	24769	35	0.10045	10	5	1.00	0	0	2564	0.17804	0.31152	33.85147	257.5538
24792	24793	35	0.08359	10	5	1.00	0	0	2601	0.14826	0.31595	33.82943	217.41759
24793	1518	20	0.11624	2	10	1.00	0	0	213	0.34898	0.00362	19.98555	24.75912
24793	9521	25	0.05049	10	5	1.00	0	0	432	0.12165	0.05244	24.90290	21.81168
24793	24792	35	0.08359	10	5	1.00	0	0	2564	0.14816	0.31152	33.85147	214.32476
24793	24794	35	0.12440	10	5	1.00	0	0	2468	0.22012	0.29978	33.90902	307.0192
24794	1520	20	0.09959	2	10	1.00	0	0	0	0.29877	0.00000	20.00000	0
24794	1521	20	0.08734	2	10	1.00	0	0	328	0.26230	0.00559	19.97768	28.64752
24794	1522	20	0.10915	2	10	1.00	0	0	0	0.32744	0.00000	20.00000	0
24794	24793	35	0.12440	10	5	1.00	0	0	2425	0.21996	0.29456	33.93415	301.67
24794	25086	35	0.25531	10	5	1.00	0	0	2512	0.45209	0.30513	33.88296	641.33872
24795	1511	20	0.09320	2	10	1.00	0	0	231	0.27983	0.00392	19.98433	21.5292
24795	1512	20	0.06001	2	10	1.00	0	0	95	0.18008	0.00161	19.99356	5.70095

24795	24789	45	0.09245	10	5	1.00	0	0	1098	0.12470	0.13340	44.48197	101.5101
24795	25125	45	0.07120	10	5	1.00	0	0	1417	0.09643	0.17209	44.30010	100.8904
24840	323	25	0.13749	2	10	1.00	1	3	2372	0.33263	0.04034	24.79991	326.12628
24840	1542	25	0.18733	2	10	1.00	4	3	329	0.45010	0.00560	24.97201	61.63157
24840	5514	45	0.14589	10	3	2.00	1	3	18118	0.25640	0.90626	34.14015	2643.23502
24840	5516	45	0.25659	10	3	2.00	4	3	20338	0.52967	1.01730	29.06572	5218.52742
24900	1128	25	0.08455	2	10	1.00	7	3	428	0.20321	0.00728	24.96367	36.1874
24900	9611	35	0.15107	10	4	1.00	7	3	764	0.26066	0.08121	34.77334	115.41748
24900	24901	35	0.07281	10	4	1.00	7	3	388	0.12518	0.04124	34.89824	28.25028
24901	24900	35	0.07281	10	4	1.00	7	3	534	0.12535	0.05671	34.85088	38.88054
24901	24902	35	0.09942	10	4	1.00	7	3	388	0.17093	0.04124	34.89824	38.57496
24902	24901	35	0.09942	10	4	1.00	7	3	534	0.17116	0.05671	34.85088	53.09028
24902	24903	35	0.17118	10	4	1.00	7	3	869	0.29567	0.09234	34.73707	148.75542
24902	24906	35	0.07975	10	4	1.00	7	3	486	0.13724	0.05167	34.86642	38.7585
24903	1127	25	0.07909	2	10	1.00	7	3	558	0.19018	0.00949	24.95265	44.13222
24903	24902	35	0.17118	10	4	1.00	7	3	1020	0.29613	0.10838	34.68356	174.6036
24903	24904	35	0.15226	10	4	1.00	7	3	833	0.26290	0.08859	34.74939	126.83258
24904	1574	25	0.20208	2	10	1.00	7	3	860	0.48641	0.01463	24.92706	173.7888
24904	8653	35	0.19190	10	4	1.00	7	3	4496	0.35044	0.47786	32.85582	862.7824
24904	9376	35	0.09506	10	4	1.00	7	3	3255	0.16937	0.34594	33.67449	309.4203
24904	24903	35	0.15226	10	4	1.00	7	3	984	0.26330	0.10462	34.69623	149.82384
24906	9374	35	0.04576	10	4	1.00	7	3	486	0.07875	0.05167	34.86642	22.23936
24906	24902	35	0.07975	10	4	1.00	7	3	481	0.13724	0.05111	34.86817	38.35975
24907	9373	35	0.16161	10	4	1.00	7	3	282	0.27758	0.02996	34.93202	45.57402
24907	24908	35	0.06960	10	4	1.00	7	3	280	0.11954	0.02971	34.93275	19.488
24908	1573	25	0.09175	2	10	1.00	7	3	1014	0.22095	0.01724	24.91410	93.0345
24908	24907	35	0.06960	10	4	1.00	7	3	282	0.11955	0.02996	34.93202	19.6272
24908	24910	35	0.10267	10	4	1.00	7	3	732	0.17709	0.07778	34.78439	75.15444
24910	9375	35	0.08466	10	4	1.00	7	3	732	0.14603	0.07778	34.78439	61.97112
24910	24908	35	0.10267	10	4	1.00	7	3	734	0.17710	0.07803	34.78359	75.35978
24911	1124	25	0.11334	2	10	1.00	7	3	177	0.27218	0.00301	24.98494	20.06118
24911	9381	35	0.18834	10	4	1.00	7	3	17	0.32274	0.00177	35.01381	3.20178
24911	9396	35	0.04188	10	4	1.00	7	3	208	0.07189	0.02216	34.95502	8.71104
24912	9381	35	0.04451	10	4	1.00	7	3	940	0.07694	0.09992	34.71197	41.8394
24912	9612	35	0.11483	10	4	1.00	7	3	949	0.19850	0.10083	34.70893	108.97367
25041	1231	25	0.13891	2	10	1.00	3	3	1730	0.33534	0.02942	24.85375	240.3143
25041	1232	25	0.11603	2	10	1.00	3	3	1493	0.27989	0.02539	24.87370	173.23279
25041	5614	35	0.13498	10	5	1.00	0	3	4053	0.24729	0.49240	32.74892	547.07394
25041	25042	35	0.11603	10	5	1.00	0	3	2998	0.20735	0.36417	33.57536	347.85794
25042	13976	35	0.10961	10	5	1.00	0	3	2871	0.19540	0.34880	33.65919	314.69031
25042	25041	35	0.11603	10	5	1.00	0	3	2127	0.20416	0.25837	34.10130	246.79581
25042	25043	35	0.09751	10	5	1.00	0	3	2632	0.17304	0.31977	33.81021	256.64632
25043	258	25	0.12902	2	10	1.00	3	3	14	0.30965	0.00023	24.99883	1.80628
25043	1233	25	0.12830	2	10	1.00	3	3	1213	0.30920	0.02063	24.89729	155.6279
25043	5620	35	0.11286	10	5	1.00	0	3	1433	0.19658	0.17410	34.44800	161.72838
25043	25042	35	0.09751	10	5	1.00	0	3	3336	0.17550	0.40529	33.33659	325.29336
25044	263	25	0.16065	2	10	1.00	3	3	788	0.38660	0.01341	24.93315	126.5922
25044	1233	25	0.12322	2	10	1.00	3	3	676	0.29640	0.01149	24.94269	83.29672
25044	5608	35	0.15319	10	4	2.00	3	3	1387	0.26414	0.07370	34.79745	212.47453
25044	5620	35	0.11611	10	4	2.00	3	3	2608	0.20148	0.13863	34.57854	302.81488
25049	1106	20	0.12337	2	10	1.00	0	3	1627	0.37217	0.02767	19.88994	200.72299
25049	9583	35	0.10689	10	4	1.00	7	3	1637	0.18617	0.17402	34.44831	174.97893
25050	22733	30	0.09266	10	5	1.00	0	0	748	0.18670	0.09086	29.77880	69.30968
25050	25051	30	0.05835	10	5	1.00	0	0	748	0.11758	0.09086	29.77880	43.6458
25051	25050	30	0.05835	10	5	1.00	0	0	748	0.11758	0.09086	29.77880	43.6458
25052	1206	20	0.13488	2	10	1.00	0	0	518	0.40535	0.00880	19.96484	69.86784
25052	1348	20	0.10479	2	10	1.00	0	0	682	0.31510	0.01159	19.95375	71.46678
25052	23281	30	0.11480	10	5	1.00	0	0	328	0.23024	0.03986	29.91633	37.6544

25052	23316	30	0.10357	10	5	1.00	0	0	884	0.20901	0.10741	29.73158	91.55588
25053	1211	20	0.11997	2	10	1.00	0	0	447	0.36045	0.00759	19.96967	53.62659
25053	9608	35	0.14793	10	4	1.00	7	0	1245	0.25652	0.13231	34.60093	184.17285
25053	24030	35	0.13515	10	4	1.00	7	0	1625	0.23537	0.17274	34.45317	219.61875
25054	22733	45	0.17358	9	3	3.00	100	0	9202	0.23912	0.30685	43.55299	1597.28316
25054	22746	45	0.19406	9	3	3.00	100	0	10295	0.26881	0.34331	43.31379	1997.8477
25056	5029	50	0.09277	10	3	3.00	7	0	8432	0.11461	0.28118	48.56767	782.23664
25056	30006	50	0.08631	10	3	3.00	7	0	8358	0.10659	0.27870	48.58415	721.37898
25059	1516	20	0.05149	2	10	1.00	0	0	1052	0.15503	0.01789	19.92869	54.16748
25059	30006	25	0.06060	10	5	1.00	0	0	1580	0.14807	0.19196	24.55645	95.748
25059	30007	25	0.07223	10	5	1.00	0	0	524	0.17419	0.06365	24.87802	37.84852
25062	9361	30	0.10610	10	4	1.00	7	3	1844	0.21613	0.19598	29.45416	195.6484
25062	25063	25	0.11493	10	5	1.00	0	3	910	0.27842	0.11058	24.76864	104.5863
25062	25085	35	0.06807	10	5	1.00	0	3	2328	0.12017	0.28282	33.98972	158.46696
25062	25087	30	0.12269	10	4	1.00	7	0	2188	0.25103	0.23262	29.32561	268.44572
25063	1104	20	0.10372	2	10	1.00	7	3	137	0.31129	0.00234	19.99066	14.20964
25063	1588	20	0.08645	2	10	1.00	7	3	825	0.26009	0.01404	19.94400	71.32125
25063	25062	25	0.11493	10	5	1.00	0	3	1216	0.27947	0.14771	24.67564	139.75488
25063	25064	25	0.08676	10	5	1.00	0	3	912	0.21018	0.11084	24.76802	79.12512
25064	25063	25	0.08676	10	5	1.00	0	3	1351	0.21133	0.16408	24.63268	117.21276
25064	25065	25	0.09497	10	5	1.00	0	3	394	0.22873	0.04783	24.91301	37.41818
25064	25080	25	0.14166	10	5	1.00	0	3	12	0.33984	0.00151	25.01040	1.69992
25064	25081	25	0.09072	10	5	1.00	0	3	535	0.21882	0.06499	24.87502	48.5352
25065	1586	20	0.09217	2	10	1.00	7	3	68	0.27659	0.00115	19.99541	6.26756
25065	1589	20	0.14091	2	10	1.00	7	3	0	0.42274	0.00000	20.00000	0
25065	25064	25	0.09497	10	5	1.00	0	3	831	0.22985	0.10093	24.79187	78.92007
25065	25066	25	0.10984	10	5	1.00	0	3	400	0.26456	0.04854	24.91146	43.936
25066	25065	25	0.10984	10	5	1.00	0	3	898	0.26604	0.10913	24.77216	98.63632
25066	25067	25	0.17216	10	5	1.00	0	3	363	0.41450	0.04404	24.92124	62.49408
25066	25069	25	0.09487	10	5	1.00	0	3	479	0.22869	0.05823	24.89010	45.44273
25066	25079	25	0.13000	10	5	1.00	0	3	526	0.31355	0.06391	24.87743	68.38
25067	1103	20	0.13418	2	10	1.00	7	3	1236	0.40422	0.02102	19.91628	165.84648
25067	1105	20	0.14744	2	10	1.00	7	3	114	0.44251	0.00194	19.99225	16.80816
25067	25066	25	0.17216	10	5	1.00	0	3	961	0.41730	0.11675	24.75361	165.44576
25067	25068	25	0.08427	10	5	1.00	0	3	1093	0.20459	0.13272	24.71393	92.10711
25068	9582	25	0.11253	10	5	1.00	0	3	1093	0.27320	0.13272	24.71393	122.99529
25068	25067	25	0.08427	10	5	1.00	0	3	1650	0.20611	0.20049	24.53234	139.0455
25069	1105	20	0.16449	2	10	1.00	7	3	47	0.49356	0.00081	19.99678	7.73103
25069	1586	20	0.11254	2	10	1.00	7	3	2	0.33761	0.00004	19.99986	0.22508
25069	25066	25	0.09487	10	5	1.00	0	3	470	0.22867	0.05711	24.89259	44.5889
25069	25070	25	0.10881	10	5	1.00	0	3	434	0.26217	0.05273	24.90225	47.22354
25070	25069	25	0.10881	10	5	1.00	0	3	425	0.26214	0.05158	24.90479	46.24425
25070	25071	25	0.12721	10	5	1.00	0	3	516	0.30677	0.06262	24.88033	65.64036
25070	25076	25	0.11461	10	5	1.00	0	3	1553	0.27993	0.18869	24.56560	177.98933
25070	25078	25	0.14258	10	5	1.00	0	3	2231	0.35180	0.27101	24.31735	318.09598
25071	1585	20	0.10792	2	10	1.00	7	3	389	0.32418	0.00661	19.97361	41.98088
25071	1587	20	0.13096	2	10	1.00	7	3	127	0.39305	0.00216	19.99137	16.63192
25071	25070	25	0.12721	10	5	1.00	0	3	518	0.30678	0.06297	24.87955	65.89478
25073	9360	30	0.18881	10	4	1.00	7	3	5032	0.40775	0.53487	27.78264	950.09192
25073	9361	30	0.11173	10	4	1.00	7	3	2588	0.22985	0.27510	29.16473	289.15724
25073	25074	25	0.11550	10	5	1.00	0	3	1642	0.28244	0.19944	24.53535	189.651
25073	25083	25	0.06261	10	5	1.00	0	3	1780	0.15340	0.21618	24.48700	111.4458
25074	1104	20	0.08253	2	10	1.00	7	3	170	0.24772	0.00289	19.98846	14.0301
25074	1584	20	0.09717	2	10	1.00	7	3	1519	0.29303	0.02584	19.89719	147.60123
25074	25073	25	0.11550	10	5	1.00	0	3	1743	0.28285	0.21171	24.50005	201.3165
25074	25075	25	0.10162	10	5	1.00	0	3	986	0.24639	0.11980	24.74612	100.19732
25075	25074	25	0.10162	10	5	1.00	0	3	1055	0.24660	0.12811	24.72551	107.2091
25075	25076	25	0.09269	10	5	1.00	0	3	1283	0.22558	0.15580	24.65456	118.92127

25075	25081	25	0.08410	10	5	1.00	0	3	490	0.20276	0.05955	24.88717	41.209
25075	25082	25	0.12424	10	5	1.00	0	3	160	0.29850	0.01942	24.97360	19.8784
25076	1586	20	0.08200	2	10	1.00	7	3	413	0.24634	0.00703	19.97191	33.866
25076	25070	25	0.11461	10	5	1.00	0	3	1542	0.27989	0.18735	24.56932	176.72862
25076	25075	25	0.09269	10	5	1.00	0	3	1355	0.22580	0.16463	24.63119	125.59495
25078	1105	20	0.09665	2	10	1.00	7	3	736	0.29069	0.01251	19.95009	71.1344
25078	1587	20	0.13772	2	10	1.00	7	3	533	0.41391	0.00906	19.96381	73.40476
25078	9580	25	0.14029	10	5	1.00	0	3	3555	0.35528	0.43188	23.69279	498.73095
25078	25070	25	0.14258	10	5	1.00	0	3	2230	0.35180	0.27085	24.31788	317.9534
25079	1103	20	0.23913	2	10	1.00	7	3	7	0.71740	0.00013	19.99949	1.67391
25079	1589	20	0.08312	2	10	1.00	7	3	543	0.24982	0.00924	19.96311	45.13416
25079	9363	25	0.18452	10	5	1.00	0	3	112	0.44309	0.01359	24.98568	20.66624
25079	25066	25	0.13000	10	5	1.00	0	3	436	0.31324	0.05292	24.90185	56.68
25080	1588	20	0.08978	2	10	1.00	7	3	19	0.26937	0.00033	19.99869	1.70582
25080	1589	20	0.08779	2	10	1.00	7	3	256	0.26359	0.00436	19.98258	22.47424
25080	3714	25	0.10178	10	5	1.00	0	3	359	0.24502	0.04355	24.92230	36.53902
25080	25064	25	0.14166	10	5	1.00	0	3	12	0.33984	0.00151	25.01040	1.69992
25081	1104	20	0.11049	2	10	1.00	7	3	5	0.33146	0.00008	19.99968	0.55245
25081	1586	20	0.09493	2	10	1.00	7	3	51	0.28485	0.00086	19.99656	4.84143
25081	25064	25	0.09072	10	5	1.00	0	3	536	0.21882	0.06512	24.87472	48.62592
25081	25075	25	0.08410	10	5	1.00	0	3	489	0.20276	0.05942	24.88746	41.1249
25082	1584	20	0.10589	2	10	1.00	7	3	0	0.31768	0.00000	20.00000	0
25082	1585	20	0.10418	2	10	1.00	7	3	160	0.31272	0.00272	19.98913	16.6688
25082	25075	25	0.12424	10	5	1.00	0	3	157	0.29849	0.01902	24.97442	19.50568
25083	25073	25	0.06261	10	5	1.00	0	3	1779	0.15340	0.21608	24.48728	111.38319
25083	25084	25	0.12904	10	5	1.00	0	3	1780	0.31618	0.21618	24.48700	229.6912
25084	1581	20	0.12259	2	10	1.00	7	3	385	0.36825	0.00655	19.97382	47.19715
25084	1583	20	0.09121	2	10	1.00	7	3	1394	0.27491	0.02371	19.90560	127.14674
25084	25083	25	0.12904	10	5	1.00	0	3	1779	0.31618	0.21608	24.48728	229.56216
25085	25062	35	0.06807	10	5	1.00	0	3	2372	0.12026	0.28813	33.96472	161.46204
25085	25086	35	0.11868	10	5	1.00	0	3	2328	0.20950	0.28282	33.98972	276.28704
25086	1581	20	0.12491	2	10	1.00	7	3	334	0.37514	0.00569	19.97728	41.71994
25086	24794	35	0.25531	10	5	1.00	0	0	2469	0.45176	0.29991	33.90836	630.36039
25086	25085	35	0.11868	10	5	1.00	0	3	2372	0.20965	0.28813	33.96472	281.50896
25087	1101	20	0.13718	2	10	1.00	7	0	1443	0.41356	0.02454	19.90232	197.95074
25087	3714	30	0.10671	10	4	1.00	7	0	1137	0.21563	0.12086	29.69221	121.32927
25087	25062	30	0.12269	10	4	1.00	7	0	1799	0.24980	0.19121	29.47027	220.71931
25088	52	25	0.40681	1	10	1.00	100	0	85	0.97664	0.00145	24.99275	34.57885
25088	5885	20	0.06557	10	6	1.00	1	3	7066	0.21643	0.60086	18.17704	463.31762
25088	5897	20	0.06182	10	6	1.00	1	3	7902	0.20928	0.67195	17.72489	488.50164
25090	25110	45	0.24535	9	3	3.00	100	0	16622	0.35507	0.55430	41.45990	4078.2077
25110	24772	45	0.12761	9	3	3.00	100	0	16622	0.18468	0.55430	41.45990	2121.13342
25110	25090	45	0.24535	9	3	3.00	100	0	16850	0.35581	0.56190	41.37315	4134.1475
25125	24769	45	0.07427	10	5	1.00	0	0	1417	0.10059	0.17209	44.30010	105.24059
25125	24795	45	0.07120	10	5	1.00	0	0	1414	0.09643	0.17174	44.30179	100.6768
25126	24765	25	0.07578	10	5	1.00	0	0	807	0.18336	0.09805	24.79872	61.15446
25126	25127	25	0.10839	10	5	1.00	0	0	801	0.26224	0.09731	24.80047	86.82039
25127	1515	20	0.08742	2	10	1.00	0	0	3423	0.26531	0.05822	19.76980	299.23866
25127	25126	25	0.10839	10	5	1.00	0	0	807	0.26225	0.09805	24.79872	87.47073
25127	25128	25	0.08551	10	5	1.00	0	0	2616	0.21239	0.31781	24.15720	223.69416
25128	24774	25	0.05446	10	5	1.00	0	0	2616	0.13526	0.31781	24.15720	142.46736
25128	25127	25	0.08551	10	5	1.00	0	0	2622	0.21241	0.31855	24.15455	224.20722
25129	1109	20	0.19365	2	10	1.00	0	0	1508	0.58392	0.02565	19.89793	292.0242
25129	5029	50	0.09675	10	3	3.00	7	0	16258	0.12560	0.54214	46.21684	1572.9615
25129	24774	50	0.09675	10	3	3.00	7	0	16512	0.12588	0.55063	46.11249	1597.536
25130	1519	20	0.05500	2	10	1.00	0	0	442	0.16523	0.00752	19.96996	24.31
25130	3712	25	0.04902	10	5	1.00	0	0	1260	0.11927	0.15307	24.66171	61.7652
25130	9384	25	0.04902	10	5	1.00	0	0	1534	0.11970	0.18633	24.57216	75.19668

25131	25132	0	0.66754	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25131	25162	0	0.00843	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25132	25133	0	0.37880	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25132	25163	0	0.00960	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25133	25135	0	0.78264	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25133	25165	0	0.00591	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25135	25137	0	0.38393	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25135	25167	0	0.00997	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25137	25138	0	0.64397	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25137	25169	0	0.00976	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25138	25160	0	0.21909	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25138	25171	0	0.01562	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25153	25154	0	0.65139	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25153	25172	0	0.00943	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25154	25155	0	0.37362	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25154	25170	0	0.01338	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25155	25156	0	0.79054	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25155	25168	0	0.00890	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25156	25157	0	0.37414	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25156	25166	0	0.01039	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25157	25158	0	0.65021	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25157	25164	0	0.01219	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25158	25161	0	0.00908	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25159	25153	0	0.22269	2	8	0.00	0	0	0	0.00000	0.00000	0.00000	0
25161	5546	63	0.03834	10	1	3.00	4	0	69889	0.05377	0.99049	42.78067	2679.54426
25161	25158	0	0.00908	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25162	25131	0	0.00843	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25162	25163	63	0.66113	10	1	3.00	4	0	68905	0.90830	0.97655	43.67279	45555.16265
25163	5548	63	0.04293	10	1	3.00	4	0	68905	0.05897	0.97655	43.67279	2958.09165
25163	25132	0	0.00960	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25164	25157	0	0.01219	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25164	25161	63	0.65186	10	1	3.00	4	0	69889	0.91423	0.99049	42.78067	45557.84354
25165	25133	0	0.00591	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25165	25167	63	0.78159	10	1	3.00	4	0	66073	1.01899	0.93641	46.02166	51641.99607
25166	8842	63	0.02569	10	1	3.00	4	0	69322	0.03559	0.98246	43.29932	1780.88218
25166	25156	0	0.01039	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25167	5552	63	0.02776	10	1	3.00	4	0	66073	0.03619	0.93641	46.02166	1834.18648
25167	25135	0	0.00997	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25168	25155	0	0.00890	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25168	25166	63	0.79287	10	1	3.00	4	0	69322	1.09869	0.98246	43.29932	54963.33414
25169	25137	0	0.00976	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25169	25171	63	0.63853	10	1	3.00	4	0	59788	0.76327	0.84734	50.19401	38176.43164
25170	5658	63	0.03014	10	1	3.00	4	0	58623	0.03557	0.83083	50.83367	1766.89722
25170	25154	0	0.01338	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25171	5963	63	0.02824	10	1	2.75	4	0	59788	0.07856	1.27101	21.57023	1688.41312
25171	25138	0	0.01562	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25172	25153	0	0.00943	2	9	0.00	0	0	0	0.00000	0.00000	0.00000	0
25172	25170	63	0.64319	10	1	3.00	4	0	58623	0.75917	0.83083	50.83367	37705.72737
25189	1109	20	0.21562	2	10	1.00	0	0	959	0.64896	0.01632	19.93494	206.77958
25189	5029	45	0.13340	9	3	3.00	100	0	15058	0.19053	0.50214	42.01078	2008.7372
25189	9386	45	0.13340	9	3	3.00	100	0	15833	0.19173	0.52798	41.74728	2112.1222
27005	27006	0	0.32300	9	2	0.00	100	0	0	0.00000	0.00000	0.00000	0
27006	5020	0	0.61697	9	2	0.00	100	0	0	0.00000	0.00000	0.00000	0
27006	27005	0	0.32300	9	2	0.00	100	0	0	0.00000	0.00000	0.00000	0
27042	5519	45	0.09822	10	3	4.00	1	3	38670	0.18642	0.96715	31.61455	3798.1674
27042	5523	45	0.04943	10	3	4.00	1	3	35384	0.08500	0.88496	34.89192	1749.03112
27042	27043	25	0.10454	10	3	1.00	1	3	1714	0.25483	0.17142	24.61297	179.18156
27043	324	25	0.09062	2	10	1.00	1	3	1867	0.21888	0.03176	24.84222	169.18754

27043	5512	25	0.19897	10	3	1.00	1	3	730	0.48027	0.07302	24.85686	145.2481
27043	5516	25	0.20523	10	3	1.00	1	3	1214	0.49770	0.12148	24.74196	249.14922
27043	27042	25	0.10454	10	3	1.00	1	3	1316	0.25376	0.13163	24.71666	137.57464
30003	1115	25	0.18983	2	10	1.00	7	3	214	0.45593	0.00365	24.98178	40.62362
30003	5032	35	0.40063	9	7	1.00	100	3	184	0.68728	0.01305	34.97561	73.71592
30003	9595	35	0.23034	9	7	1.00	100	3	365	0.39544	0.02586	34.94952	84.0741
30004	68	25	0.06963	2	10	1.00	1	3	2810	0.16872	0.04779	24.76331	195.6603
30004	5871	35	0.02538	10	3	3.00	1	3	25435	0.05430	0.84818	28.04048	645.5403
30004	5872	35	0.10461	10	3	2.00	1	3	24217	0.46841	1.21133	13.39937	2533.34037
30005	1514	20	0.14954	2	10	1.00	0	0	589	0.44951	0.01002	19.96000	88.07906
30005	24766	45	0.10452	9	3	3.00	100	0	19225	0.15542	0.64108	40.34937	2009.397
30005	24767	45	0.04823	9	3	3.00	100	0	18924	0.07147	0.63107	40.49216	912.70452
30006	24781	50	0.07046	10	3	3.00	7	0	7667	0.08675	0.25567	48.73332	540.21682
30006	25056	50	0.08631	10	3	3.00	7	0	8432	0.10662	0.28118	48.56767	727.76592
30006	25059	25	0.06060	10	5	1.00	0	0	1564	0.14804	0.18997	24.56202	94.7784
30007	1507	20	0.04573	2	10	1.00	0	0	270	0.13731	0.00459	19.98165	12.3471
30007	1510	20	0.12566	2	10	1.00	0	0	44	0.37704	0.00075	19.99699	5.52904
30007	24778	25	0.05582	10	5	1.00	0	0	316	0.13433	0.03844	24.93333	17.63912
30007	25059	25	0.07223	10	5	1.00	0	0	540	0.17422	0.06564	24.87355	39.0042
30008	1110	25	0.20559	2	10	1.00	7	3	602	0.49443	0.01023	24.94895	123.76518
30008	9358	45	0.14286	10	3	3.00	7	3	15695	0.20508	0.52338	41.79548	2242.1877
30008	9577	45	0.14286	10	3	3.00	7	3	16324	0.20619	0.54436	41.57086	2332.04664

Model Run	VMT
Run 2- 2035 Proposed Zoning	5,377,176
Run 1 - 2035 Existing Zoning	5,379,419
Difference	(2,243)

Maximum Queue Estimation for: Major Street Left-Turn

Movement: WB Left-Turn Ingress from Blue Oaks Boulevard
Cumulative + Project Conditions

Input Data

Subject Approach	
Traffic Volume (vph) =	43
PHF=	0.95

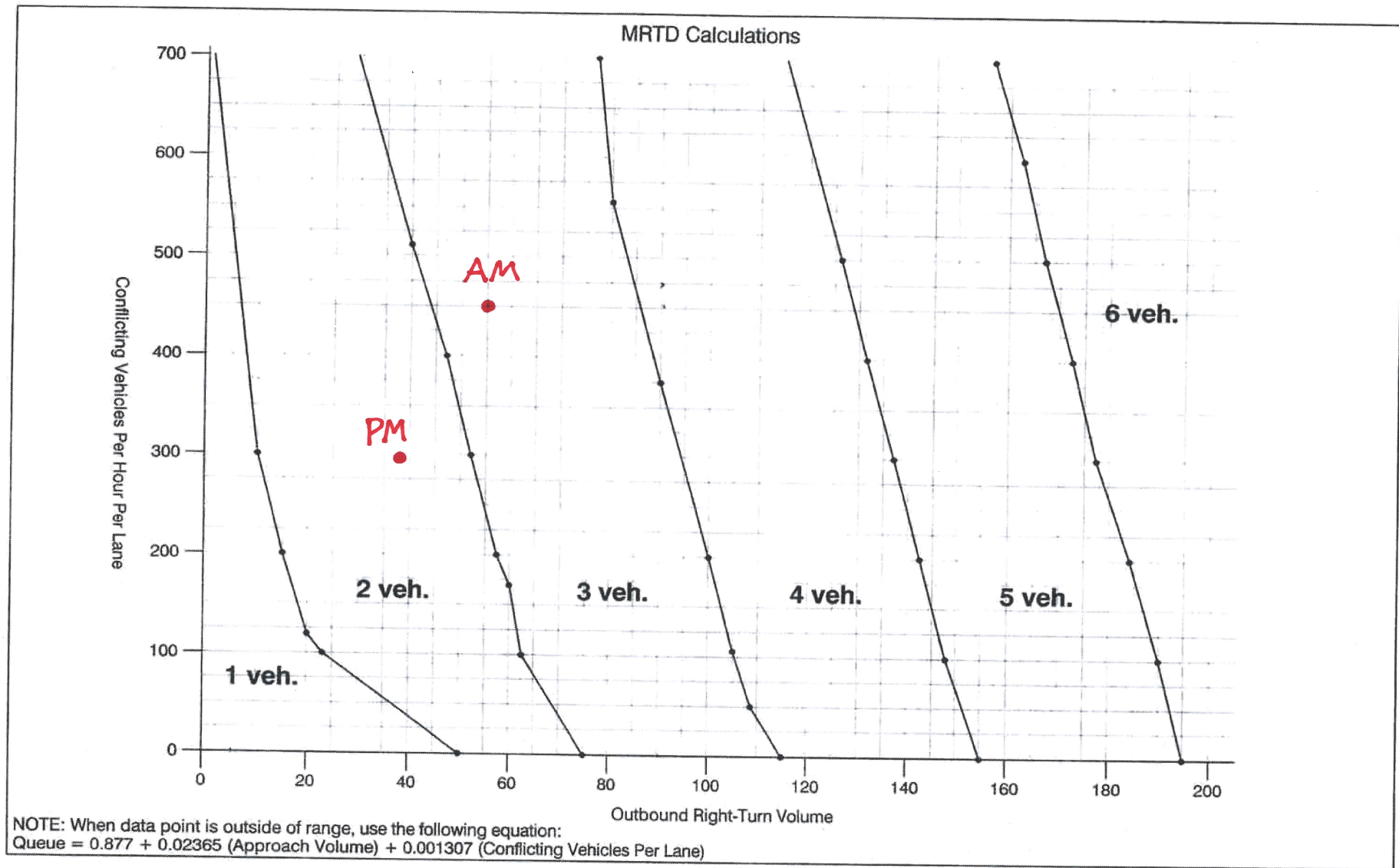
Major Street	
Conflicting Traffic Volume (vph) =	900
PHF=	0.95
Conflicting Number of Through Lanes	3
Posted Speed Limit (mph)=	45

Is a Traffic Signal Located on Major Street Within 1/4 mi of intersection? (Enter 1 if yes; 0 if no)	1
---	---

Output

Estimated Maximum Queue	4	vehicles
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DRIVEWAY A WEEKDAY PEAK HOUR





TECHNICAL MEMORANDUM

DATE: December 11, 2019

TO: Dave Samuelson
City of Roseville, Development Services, Engineering

FROM: Mark Sauer, PE
Ryan Dickey, PE

SUBJECT: Utility Demand Comparison for WRSP Parcel F-55 Entitlements (PL19-0180)

Introduction

In May 2019, Westpark Communities submitted an application for a General Plan Amendment, Specific Plan Amendment, Rezone, Small Lot Tentative Map, and related entitlements for Parcels W-60a and F-55 in the West Roseville Specific Plan (WRSP). The purpose of this Technical Memorandum is to evaluate the differences in utility demands associated with the proposed project, including changes to each parcel's land use designation. The existing WRSP land uses are shown in Exhibit A and the proposed project land uses are shown in Exhibit B. This Technical Memorandum provides data and analysis to highlight whether the proposed project would result in significant changes from the original utility demand assumptions for these parcels.

Background

The West Roseville Specific Plan (WRSP) was approved by the City in 2004 to guide development of a 3,162-acre land area to the west of Fiddymont Road. At that time, several utility master plans were also approved, which each contained conceptual design plans and demand assumptions for the WRSP's backbone infrastructure systems. Separate master plans were prepared for potable water, recycled water, and sanitary sewer and each was originally based on the 2004 WRSP land use plan. However, as the WRSP's buildout has evolved over the years, technical memoranda and updates to the master plans have been prepared to ensure consistency with the original utility design plans.

Under the proposed project, the following changes would be made to the WRSP land use plan and dwelling unit allocation:

- A portion of Parcel F-55's land use would be converted from Park (PR) to a combination of Low Density Residential (LDR), High Density Residential (HDR), and Open Space (OS), with the area in the northwest retained as Park.
- A residential allocation of 99 single-family units would be added to the LDR area of Parcel F-55.
- The portion of Parcel F-55 with a HDR land use (shown as Lot B on the Small Lot Tentative Map) would be used as a parking lot to serve the existing HDR development on Parcel F-20.
- Parcel W-60a would be converted from a Light Industrial (LI) land use to a Park (PR) land use.

The tables below summarize the proposed land use changes for Parcels F-55 and W-60a.

Table 1: Comparison of Existing and Proposed Acreages by Parcel

Existing Land Use		
Parcel	Land Use	Acres
F-55	P/R (Parks & Recreation)	29.66 ac.
W-60a	LI (Light Industrial)	25.20 ac.
TOTAL		54.86 ac.
Proposed Land Use		
Parcel	Land Use	Acres
F-55a	LDR (Low Density Residential)	24.28 ac.
F-55b	P/R (Parks & Recreation)	4.03 ac.
F-86b	OS (Open Space)	0.81 ac.
F-86c	OS (Open Space)	0.05 ac.
F-20b	HDR (High Density Residential)	0.49 ac.
W-60a	P/R (Parks & Recreation)	25.20 ac.
TOTAL		54.86 ac.

Table 2: Comparison of Existing and Proposed Land Uses and Development Assumptions

		Acreage			Dwelling Units		
Land Use Designation		Existing	Proposed	Difference	Existing	Proposed	Difference
Residential Uses							
LDR	Low Density Residential	0.00 ac.	24.28 ac.	24.28 ac.	0 du	99 du	99 du
HDR	High Density Residential	0.00 ac.	0.49 ac.	0.49 ac.	0 du	0 du	0 du
	Subtotal	0.00 ac.	24.77 ac.	24.77 ac.	0 du	99 du	99 du
Service & Employment							
LI	Light Industrial	25.20 ac.	0.00 ac.	-25.20 ac.			
	Subtotal	25.20 ac.	0.00 ac.	-25.20 ac.			
Open Space and Public							
PR	Park	29.66 ac.	29.23 ac.	-0.43 ac.			
OS	Open Space	0.00 ac.	0.86 ac.	0.86 ac.			
	Subtotal	29.66 ac.	30.09 ac.	0.43 ac.			
TOTAL		54.86 ac.	54.86 ac.	0.00 ac.	0 du	99 du	99 du

Analysis

An evaluation of the differences between the existing and proposed land uses, as described in the Background section above, was conducted to determine if changes in the utility demands serving these parcels would result from the proposed project. The analysis below addresses the potable water, recycled water, and sanitary sewer utilities.

POTABLE WATER

The demand for potable water was evaluated based on existing and proposed land uses, which are summarized in the tables below. When comparing the total potable water demand for both parcels, the proposed project results in less water usage based on the unit demand factors.

Table 3: Water Demand from the Existing Land Uses

Land Use	Unit Demands (gpd/DU-acre)	Area (acres)	Dwelling Units	Total Water Demand (mgd)
PR – Park	2,988 GPD/AC	29.66		0.089
LI – Light Industrial	2,598 GPD/AC	25.20		0.065
Subtotal				0.154
Subtotal w/ 2% Losses				0.157
TOTAL		54.86		0.157

Table 4: Water Demand from the Proposed Land Uses

Land Use	Unit Demands (gpd/DU-acre)	Area (acres)	Dwelling Units	Total Water Demand (mgd)
LDR – Low Density Residential (>3.5 to 5 du/ac)	600 GPD/DU	24.28	99	0.059
HDR – High Density Residential (>16 to 20 du/ac)	177 GPD/DU	0.49	0	-
PR – Park (F-55)	2,988 GPD/AC	4.03		0.012
PR – Park (W-60a)	2,988 GPD/AC	25.20		0.075
OS – Open Space	0 GPD/AC	0.86		-
Subtotal			99	0.146
Subtotal w/ 2% Losses				0.149
TOTAL		54.86	99	0.149

RECYCLED WATER

The demand for recycled water was evaluated based on existing and proposed land uses, which are summarized in the tables below. When comparing the total recycled water demand for both parcels, the proposed project results in less recycled water usage as shown in the tables below.

Table 5: Recycled Water Demand from the Existing Land Uses

Land Use	Annual Irrigation Demand ¹ (ac-ft/acre/yr)	Site Area Irrigated ² (acres)	Recycled Water Demand (AFY)	Recycled Water Demand (MGD)
PR – Park	3.6	26.69	96.1	0.086
LI – Light Industrial	3.6	7.56	27.2	0.024
Subtotal			123.3	0.110
Subtotal w/ 2% Losses			125.8	0.112
TOTAL		34.25	125.8	0.112

Notes:

1. Annual Irrigation Demand for the City of Roseville area assumed to be 3.6 ac-ft/acre/yr
2. Site Area Irrigated = (Total Site Area) X (% of Site Area Irrigated). % of Site Area Irrigated is the percentage of the Total Site Area that is assumed to be irrigated with recycled water (Park=90% and Light Industrial=30%).

Table 6: Recycled Water Demand from the Proposed Land Uses

Land Use	Annual Irrigation Demand ¹ (ac-ft/acre/yr)	Site Area Irrigated ² (acres)	Recycled Water Demand (AFY)	Recycled Water Demand (MGD)
LDR – Low Density Residential (>3.5 to 5 du/ac)	3.6	0	-	-
HDR – High Density Residential (>16 to 20 du/ac)	3.6	0.10	0.4	0.0004
PR – Park (F-55)	3.6	3.63	13.1	0.012
PR – Park (W-60a)	3.6	22.68	81.6	0.073
OS – Open Space	3.6	-	-	-
Subtotal		26.41	95.1	0.085
Subtotal w/ 2% Losses			97.0	0.087
TOTAL		26.41	97.0	0.087

Notes:

1. Annual Irrigation Demand for the City of Roseville area assumed to be 3.6 ac-ft/acre/yr
2. Site Area Irrigated = (Total Site Area) X (% of Site Area Irrigated). % of Site Area Irrigated is the percentage of the Total Site Area that is assumed to be irrigated with recycled water (Park=90%, LDR=0%, HDR=20% and Open Space=0%).

SANITARY SEWER

The Average Dry Weather Flow (ADWF) for sanitary sewer was evaluated based on existing and proposed land uses, which are summarized in the tables below. When comparing the total sewer ADWF for both parcels, the proposed project results in less flows based on the flow rates for each land use.

Table 7: Average Dry Weather Flow Sanitary Sewer Flow from the Existing Land Uses

Land Use	Flow Rate	Area (acres)	Dwelling Units	ADWF (gpd)
PR – Park	10 GPD/AC	29.66		297
LI – Light Industrial	850 GPD/AC	25.20		21,420
TOTAL		54.86		21,717

Table 8: Average Dry Weather Flow Sanitary Sewer Flow from the Proposed Land Uses

Land Use	Flow Rate	Area (acres)	Dwelling Units	ADWF (gpd)
LDR – Low Density Residential	190 GPD/DU	24.28	99	18,810
HDR – High Density Residential	130 GPD/DU or 2040 GPD/AC	0.49	0	1,000
PR – Park (F-55)	10 GPD/AC	4.03		41
PR – Park (W-60a)	10 GPD/AC	25.20		252
OS – Open Space	0 GPD/AC	0.86		-
TOTAL		54.86		20,103

Conclusions

Based on the analysis of existing and proposed land uses as shown in the tables above, the following conclusions were reached for each utility:

- Potable water demand changed from 0.157 mgd to 0.149 mgd, resulting in a reduction of 0.008 mgd.
- Recycled water demand changed from 0.112 mgd to 0.087 mgd, resulting in a reduction of 0.025 mgd.
- The average dry weather flow for sanitary sewer flow changed from 21,717 gpd to 20,103 gpd, resulting in a reduction of 1,614 gpd.

In summary, the analysis demonstrates that the changes between the existing WRSP land uses and the proposed project land uses are not significant.

Attachments

Exhibit A: Existing Land Uses

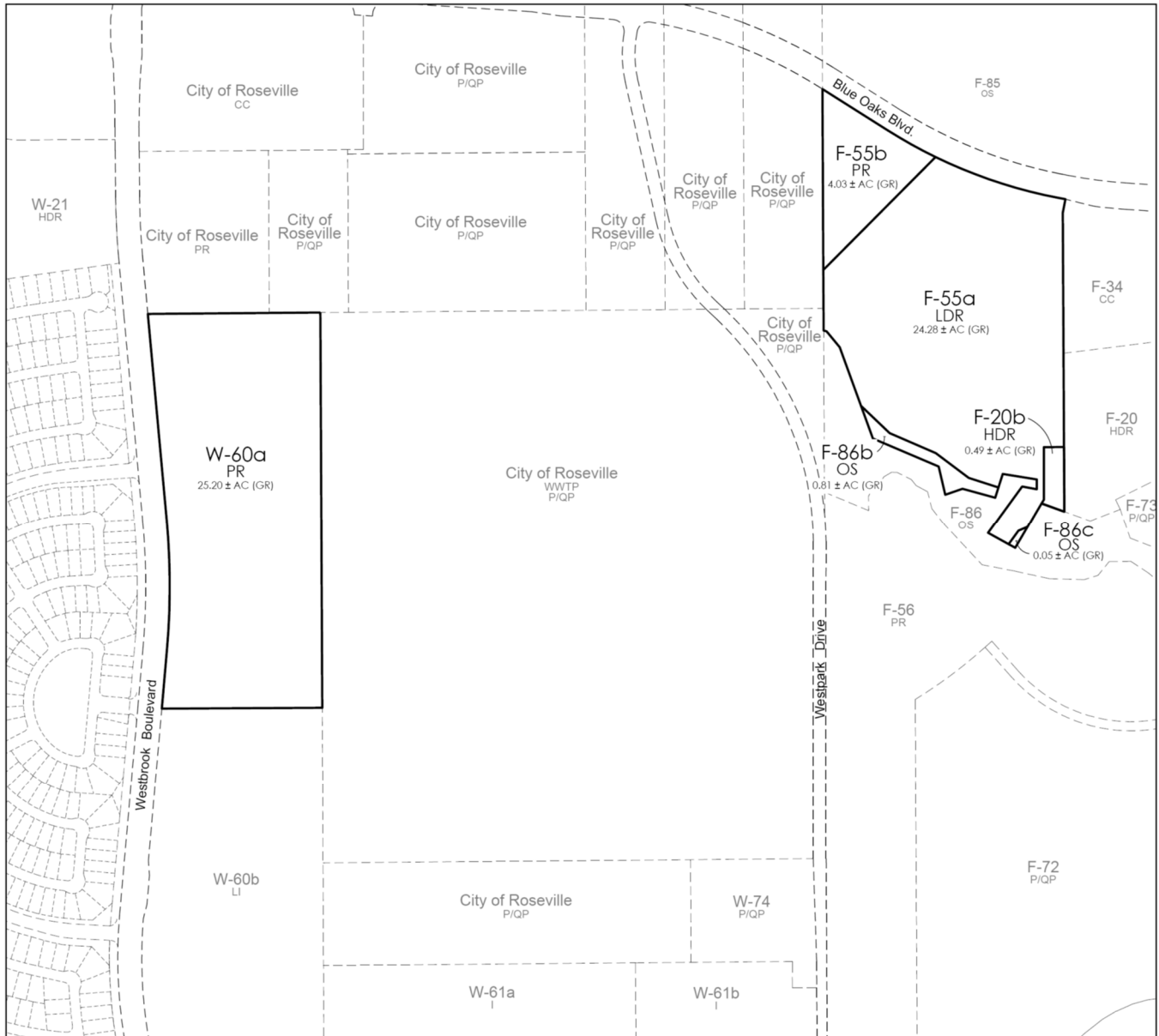
Exhibit B: Proposed Project Land Uses (August 12, 2019)

Exhibit A

Existing Land Uses



Proposed Project Land Uses (August 12, 2019)



RESOLUTION NO. 20-107

AMENDING THE GENERAL PLAN TO CHANGE THE LAND USE DESIGNATION ON
CERTAIN REAL PROPERTY IN THE CITY OF ROSEVILLE

WHEREAS, a proposal has been submitted to amend the General Plan 2035 – Land Use Map and tables of the City of Roseville for that portion of certain real property within the City of Roseville known as West Roseville Specific Plan (WRSP) Parcel F-55 from 29.80 acres Parks and Recreation (PR) to 24.28 acres of Low Density Residential (LDR), 0.49 acres of High Density Residential (HDR), and 0.86 acres of Open Space (OS), with a 4.03 acre portion remaining as PR (Exhibit B); and

WHEREAS, a proposal has been submitted to amend the General Plan 2035 – Land Use Map and tables of the City of Roseville for that portion of certain real property within the City of Roseville known as WRSP Parcel W-60a from 25.20 acres of Light Industrial (LI) to 25.20 acres of PR (Exhibit B); and

WHEREAS, changing the land use designation necessitates amendments to the text related to said property within the Land Use Element of the General Plan of the City of Roseville (Exhibit B); and

WHEREAS, the Planning Commission held a public hearing on the proposed amendments to the General Plan on February 27, 2020; and

WHEREAS, on February 27, 2020, the Planning Commission considered an Addendum to the West Roseville Specific Plan Environmental Impact Report (EIR) and the Fiddymment Ranch Amendment 3 (SPA3) Subsequent EIR; and

WHEREAS, on April 15, 2020, the City Council held a public hearing at which time the proposed amendments were considered; and

WHEREAS, on April 15, 2020, the City Council considered the Addendum to the West Roseville Specific Plan EIR and SPA3 Subsequent EIR; and

WHEREAS, the Council of the City of Roseville desires to approve said amendments to the Roseville General Plan as conducive to public interest, health, safety and welfare, and consistent with the land use practices of the City.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Roseville that the amendments changing the Land Use Map and the text within the Land Use Element (attached as Exhibit B) are hereby adopted.

BE IT FURTHER RESOLVED, that the Development Services Director is hereby directed to retain said General Plan Amendments on permanent public display in the Development Services Department of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20__, by the following vote on rollcall:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

City Clerk

RESOLUTION NO. 20-108

AMENDING THE WEST ROSEVILLE SPECIFIC PLAN

WHEREAS, a proposal has been submitted to amend the land use designation on West Roseville Specific Plan Parcel F-55 from 29.80 acres Parks and Recreation (PR) to 24.28 acres of Low Density Residential (LDR), 0.49 acres of High Density Residential (HDR), and 0.86 acres of Open Space (OS), with a 4.03 acre portion remaining as PR (Exhibit B); and

WHEREAS, a proposal has been submitted to amend the land use designation on West Roseville Specific Plan Parcel W-60a from 25.20 acres of Light Industrial (LI) to 25.20 acres of PR (Exhibit B); and

WHEREAS, the proposal includes a request to increase the number of low density residential units within the West Roseville Specific Plan by 99 units; and

WHEREAS, the Planning Commission held a public hearing on the proposed amendments to the West Roseville Specific Plan on February 27, 2020; and

WHEREAS, on February 27, 2020, the Planning Commission considered an Addendum to the West Roseville Specific Plan Environmental Impact Report (EIR) and the Fiddymment Ranch Amendment 3 (SPA3) Subsequent EIR; and

WHEREAS, the Specific Plan Amendment is consistent with the adopted City of Roseville General Plan, as proposed and revised; and

WHEREAS, on April 15, 2020, the City Council considered an Addendum to the West Roseville Specific Plan EIR and the SPA3 Subsequent EIR; and

WHEREAS, the Council of the City of Roseville has reviewed the findings of the Planning Commission recommending approval of the Specific Plan Amendment, and makes the following findings:

The Specific Plan Amendment is consistent with the objectives, policies, general land uses, and programs specified in the City of Roseville General Plan and the West Roseville Specific Plan;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Roseville that the amendments changing the specific plan land use designations and specific plan text within the West Roseville Specific Plan (attached as Exhibit B) are hereby adopted.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20____, by the following vote on rollcall:

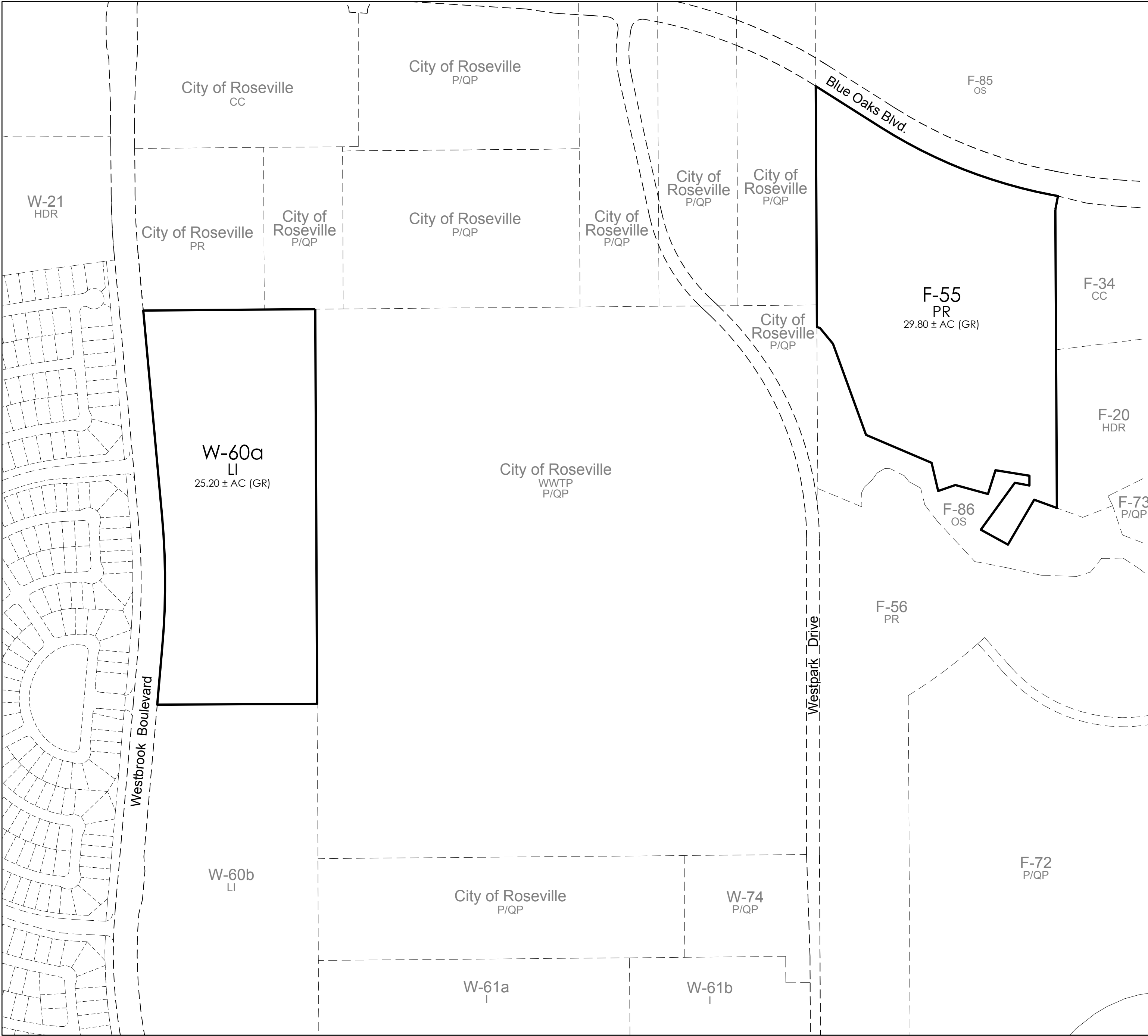
AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

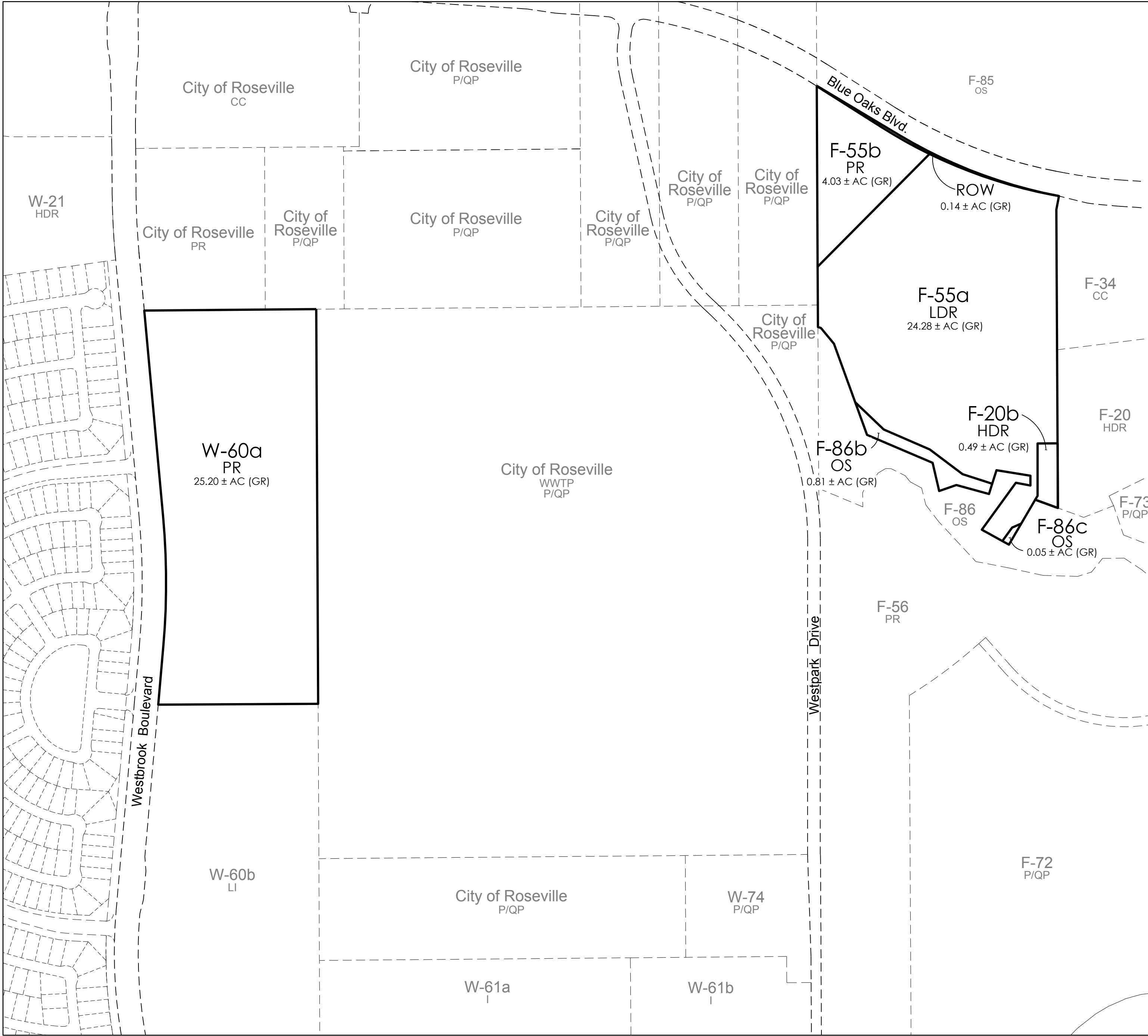
ABSENT COUNCILMEMBERS:

MAYOR

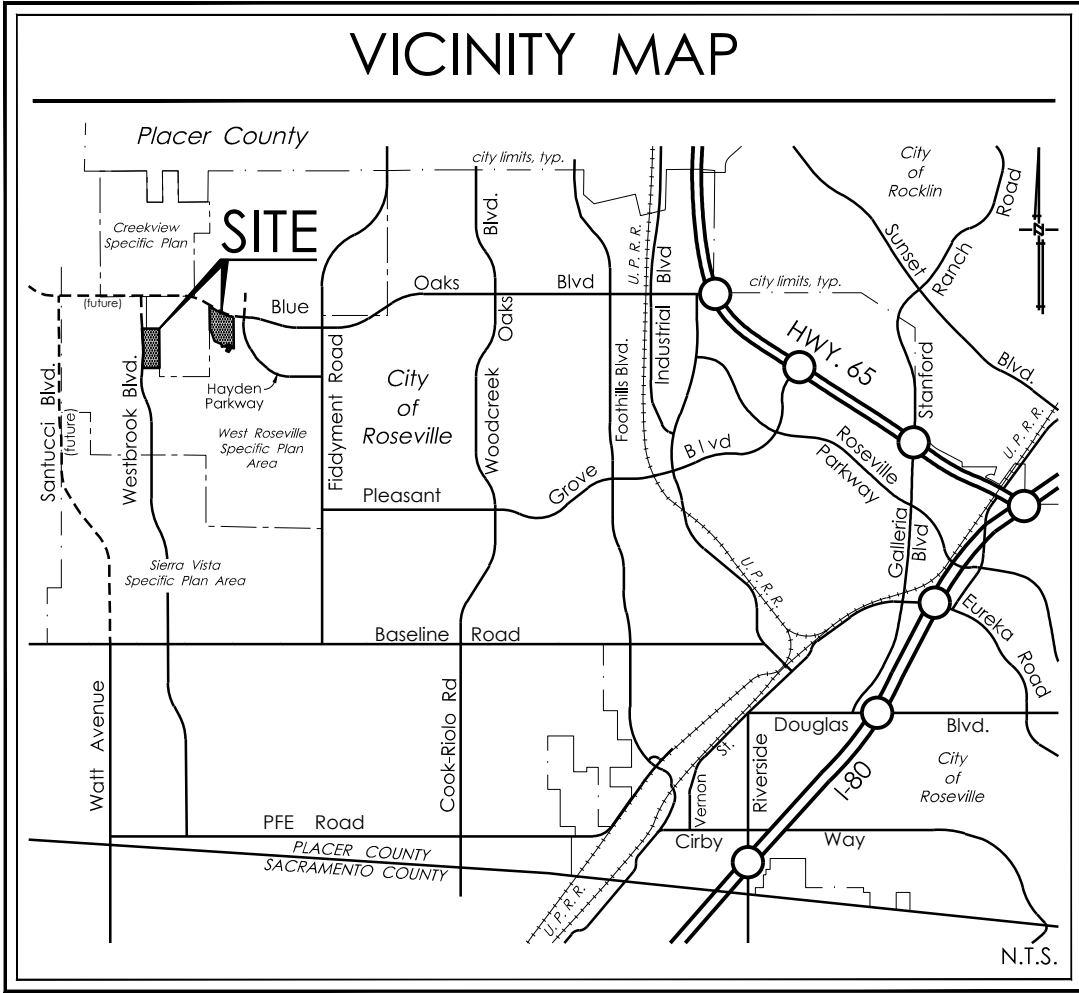
City Clerk



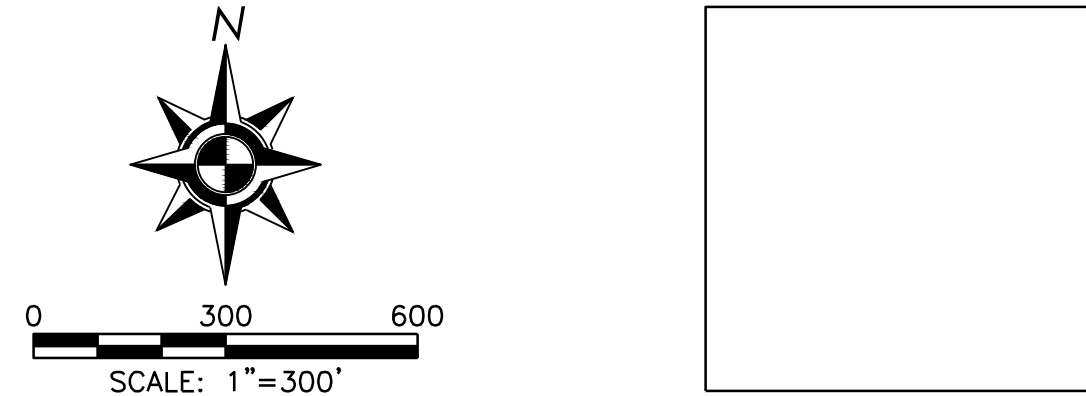
EXISTING LAND USE



PROPOSED LAND USE



LAND USE SUMMARY		
Existing Land Use		
Parcel	Land Use	Acres
F-55	P/R (Parks & Recreation)	29.80 ac.
W-60a	LI (Light Industrial)	25.20 ac.
TOTAL		55.00 ac.
Proposed Land Use		
Parcel	Land Use	Acres
F-55a	LDR (Low Density Residential)	24.28 ac.
F-55b	P/R (Parks & Recreation)	4.03 ac.
F-86b	OS (Open Space)	0.81 ac.
F-86c	OS (Open Space)	0.05 ac.
F-20b	HDR (High Density Residential)	0.49 ac.
W-60a	P/R (Parks & Recreation)	25.20 ac.
ROW	Right of Way	0.14 ac.
TOTAL		55.00 ac.



GENERAL PLAN AMENDMENT &
SPECIFIC PLAN AMENDMENT EXHIBIT
Parcels F-55 & W-60a
of the West Roseville Specific Plan
Roseville, CA December 11, 2019



ORDINANCE NO.

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE
AMENDING ZONING ORDINANCE NO. 6198 OF THE CITY OF ROSEVILLE
CHANGING THE ZONING OF CERTAIN REAL PROPERTY LOCATED
WITHIN THE CITY OF ROSEVILLE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Section 19.06.020 of the Zoning Ordinance of the City of Roseville, Ordinance No. 6198, is amended to change the zoning of that portion of certain real property within the City of Roseville known as West Roseville Specific Plan (WRSP) Parcel F-55, as shown and so designated in Exhibit "C", which is attached hereto and incorporated herein by reference, from 29.80 acres of Parks and Recreation (PR) to 24.28 acres of Small Lot Residential/Development Standards (RS/DS), 0.49 acres of Attached Housing (R3), 0.86 acres of Open Space (OS), and 4.03 acres will retain its existing PR designation.

SECTION 2. Section 19.06.020 of the Zoning Ordinance of the City of Roseville, Ordinance No. 6198, is amended to change the zoning of that portion of certain real property within the City of Roseville known as West Roseville Specific Plan (WRSP) Parcel W-60a, as shown and so designated in Exhibit "C", which is attached hereto and incorporated herein by reference, from 25.20 acres of Light Industrial/Special Area (M1/SA) to 25.20 acres of Parks and Recreation (PR).

SECTION 3. This ordinance shall be effective at the expiration of thirty (30) days from the date of adoption.

SECTION 4. The City Clerk is hereby directed to cause this ordinance to be published in full at least once within fourteen (14) days after it is adopted in a newspaper of general circulation in the City, or shall within fourteen (14) days after its adoption cause this ordinance to be posted in full in at least three (3) public places in the City and enter in the Ordinance Book a certificate stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20____, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

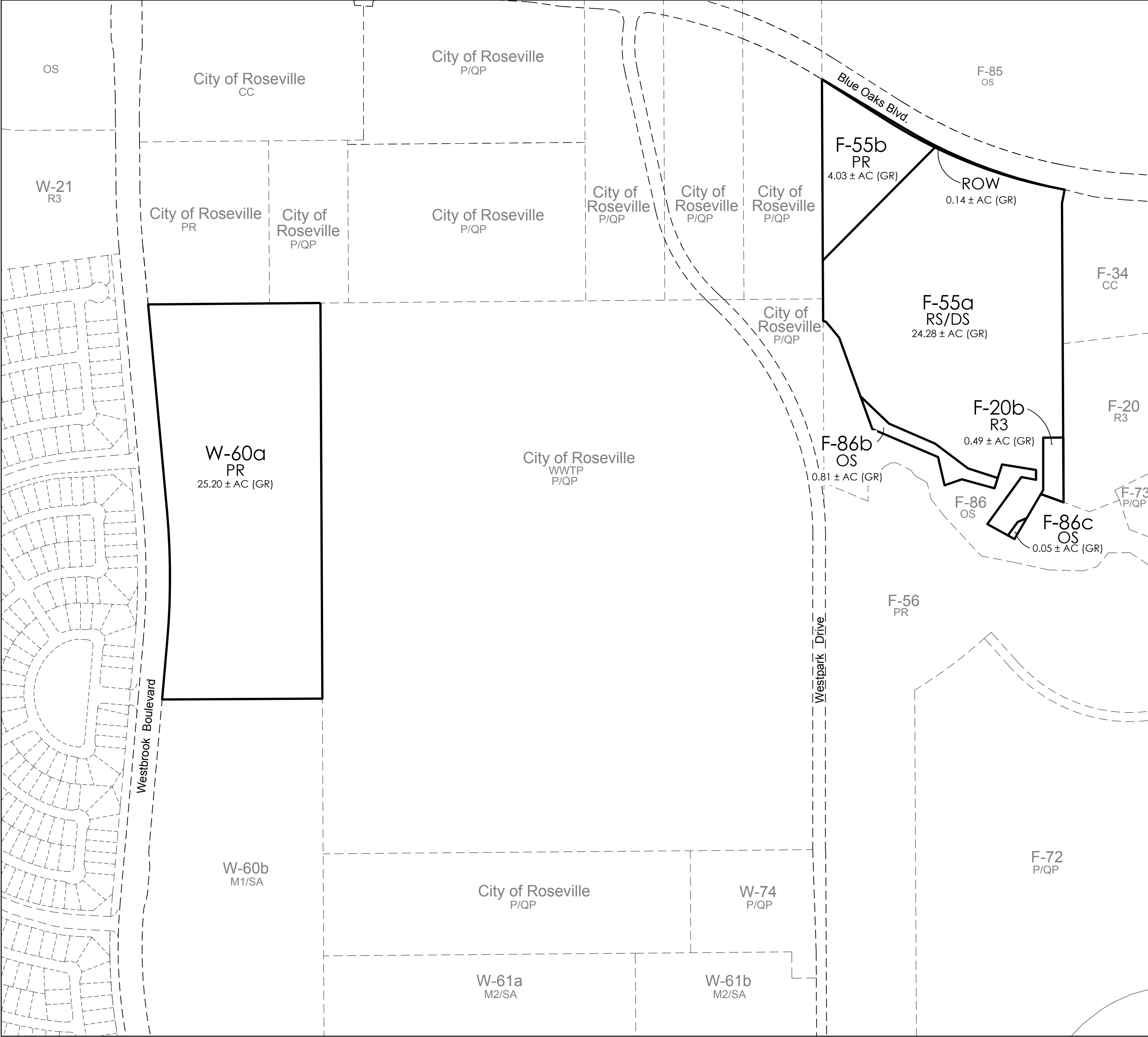
MAYOR

ATTEST:

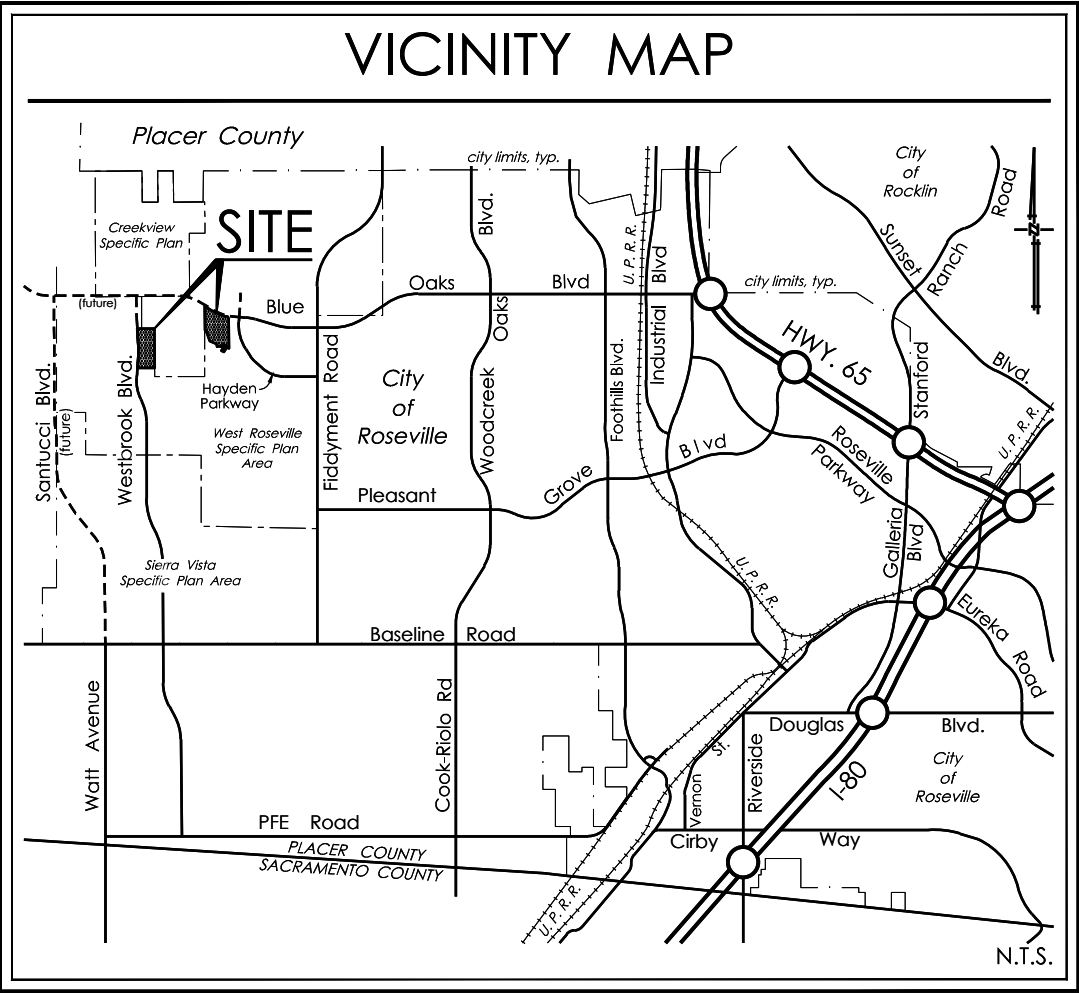
City Clerk



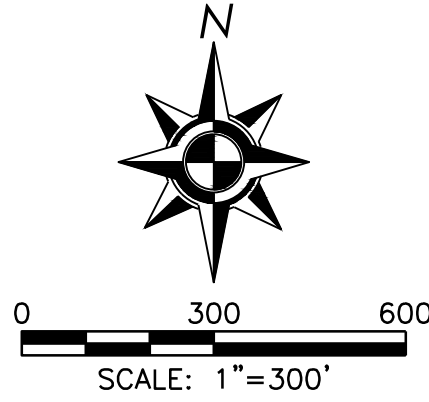
EXISTING ZONING



PROPOSED ZONING



ZONING SUMMARY		
Existing Zoning		
Parcel	Zoning District	Acres
F-55	PR (Park & Recreation)	29.80 ac.
W-60a	M1/SA (Light Industrial/Special Area)	25.20 ac.
TOTAL		55.00 ac.
Proposed Zoning		
Parcel	Zoning District	Acres
F-55a	RS/DS (Small Lot Residential/Development Standard)	24.28 ac.
F-55b	PR (Park & Recreation)	4.03 ac.
F-86b	OS (Open Space)	0.81 ac.
F-86c	OS (Open Space)	0.05 ac.
F-20b	R3 (Attached Housing)	0.49 ac.
W-60a	PR (Park & Recreation)	25.20 ac.
ROW	Right of Way	0.14 ac.
TOTAL		55.00 ac.



REZONE EXHIBIT

Parcels F-55 & W-60a

of the West Roseville Specific Plan

Roseville, CA December 11, 2019



ORDINANCE NO.

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE
ADOPTING A DEVELOPMENT AGREEMENT BY AND BETWEEN THE CITY OF
ROSEVILLE AND WEST ROSEVILLE LLC RELATIVE TO THE WEST ROSEVILLE
SPECIFIC PLAN AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON
BEHALF OF THE CITY OF ROSEVILLE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. In accordance with Chapter 19.84 of Title 19 of the Roseville Municipal Code (the Zoning Ordinance) of the City of Roseville, the City Council has received the recommendation of the Planning Commission that the City of Roseville enter into a Development Agreement by and between the City of Roseville and West Roseville LLC, pertaining to the property located on Parcel F-55a within the West Roseville Specific Plan area.

SECTION 2. Prior to considering the proposed Development Agreement, the City Council considered the Addendum to the West Roseville Specific Plan Environmental Impact Report (EIR) and Fiddymont Ranch Amendment 3 Subsequent EIR pursuant to the California Environmental Quality Act, California Public Resources Code Section 21000 *et seq.*

SECTION 3. The Council of the City of Roseville has reviewed the findings of the Planning Commission recommending approval of the Development Agreement, and makes the following findings:

1. The Development Agreement is consistent with the objectives, policies, programs and land use designations of the City of Roseville General Plan and the West Roseville Specific Plan;
2. The Development Agreement is consistent with the City of Roseville Zoning Ordinance;
3. The Development Agreement is in conformance with the public health, safety and welfare;
4. The Development Agreement will not adversely affect the orderly development of the property or the preservation of property values; and
5. The provisions of the Development Agreement will provide sufficient benefit to the City to justify entering into said Amendment;

SECTION 4. The Development Agreement, by and between the City of Roseville and West Roseville LLC, a copy of which is on file in the City Clerk's Department and incorporated herein by reference, is hereby approved and the City Manager is authorized to execute it on behalf of the City of Roseville.

SECTION 5. The City Clerk is directed to record the executed Development Agreement within ten (10) days of the execution of the agreement by the City Manager with the County Recorder's Office of the County of Placer.

SECTION 6. This ordinance shall be effective at the expiration of thirty (30) days from the date of its adoption.

SECTION 7. The City Clerk is hereby directed to cause this ordinance to be published in full at least once within fourteen (14) days after it is adopted in a newspaper of general circulation in the City, or shall within fourteen (14) days after its adoption cause this ordinance to be posted in full in at least three (3) public places in the City and enter in the Ordinance Book a certificate stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 20____, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

RECORD AND WHEN RECORDED
RETURN TO:

CITY CLERK
CITY OF ROSEVILLE
311 VERNON STREET
ROSEVILLE, CA 95678

Exempt from Recording Fees
Gov't Code Section 27383

DEVELOPMENT AGREEMENT
BY AND BETWEEN THE CITY OF ROSEVILLE
AND WEST ROSEVILLE, LLC
RELATIVE TO THE
WEST ROSEVILLE SPECIFIC PLAN

_____, 2020

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**DEVELOPMENT AGREEMENT
BY AND BETWEEN THE CITY OF ROSEVILLE
AND WEST ROSEVILLE, LLC RELATIVE TO THE
WEST ROSEVILLE SPECIFIC PLAN**

This Development Agreement (the "Agreement") is entered into this ____ day of _____, 2020, by and between the CITY OF ROSEVILLE, a municipal corporation ("City"), and WEST ROSEVILLE, LLC, a California limited liability company ("Westpark" or "Landowner"), pursuant to the authority of Sections 65864 through 65869.5 of the Government Code of the State of California.

RECITALS

A. Authorization. To strengthen the public planning process, encourage private participation in comprehensive planning and reduce the economic risk of development, the Legislature of the State of California adopted Section 65864, et seq., of the Government Code (the "Development Agreement Statute"), which authorizes the City of Roseville and an applicant for a development project to enter into a development agreement, establishing certain development rights in the Property which is the subject of the development project application.

B. Property. The subject of this Agreement is the development of that certain parcel of land (the "Project"), consisting of approximately 24.28± acres as described in Exhibit "A", and shown on Exhibit "B" (hereinafter the "F-55a Property"), attached hereto, which constitutes a portion of the larger area comprising 3,162± acres commonly referred to the West Roseville Specific Plan area ("Specific Plan", "WRSP" or "Plan Area"), which Specific Plan was approved by the City on February 4, 2004, with the Plan Area subsequently annexed into the City. The two parcels comprising the real property that is the subject of Landowner's request to the City for land use entitlements described below are also commonly referred to as Parcel F-55a and Parcel W-60a in the WRSP. The City is the owner of Parcel F-55a, a portion of current Parcel F-55, and Landowner is the owner of Parcel W-60a (the "W-60a Property"). The City and Landowner have entered into a purchase and sale agreement (the "Purchase and Sale Agreement"), whereby Landowner will deed the 25.20± acre Parcel W-60a to the City for the City's use in developing a multi-field sports complex, in exchange for 24.77± acres (24.28± acres for Parcels F-55a and 0.49± acres for F-20b) of the current 29.80± acre Parcel F-55, subject to the terms and conditions of the Purchase and Sale Agreement, including the approval of the land use entitlements described below. The City will retain 4.89± acres of current Parcel F-55 that is subdivided from the balance of current Parcel F-55, with 4.03± acres designated Parks & Recreation (Parcel F-55b), and 0.86± acres designated Open Space (Parcels F-86b and F-86c), along with an additional 0.14± acres for roadway right-of way. The land uses of the respective parcels after the

approval of such land use entitlements are shown in Exhibit "C" attached hereto. City and Landowner represent that all persons holding legal or equitable interests in the F-55a Property to be acquired by Landowner shall be bound by this Agreement.

C. Hearings. On _____, 2020, the City Planning Commission, designated by Roseville Ordinance No. 3014 as the planning agency for purposes of development agreement review pursuant to Government Code Section 65867, in a duly noticed public hearing, considered this Agreement and recommended that the City Council approve this Agreement.

D. Specific Plan Environmental Impact Report; Project Environmental Document. On February 4, 2004, the City Council, in Resolution No. 04-38, certified as adequate and complete the Final EIR (the "EIR") (State Clearinghouse #2002082057) for the Specific Plan, which EIR analyzed buildout of the Specific Plan at a project level. After the City conducted an Initial Study, the City Council, in Resolution No. _____, adopted _____, 2020, concluded that an Addendum to the EIR (the "Addendum") was the appropriate environmental document for the Project. Mitigation measures were suggested in the EIR and are incorporated in the Project. With such mitigation measures, environmental impacts from the Project will be no greater than identified in the EIR and in the terms and conditions of this Agreement, as reflected by the findings adopted by the City Council concurrently with this Agreement.

E. Entitlements. Following consideration of and conclusion that the aforementioned EIR and Addendum are together deemed the appropriate environmental document for the Project, and adoption of CEQA related findings, the City Council on _____, 2020, approved the following land use entitlements for the Property, which entitlements are the subject of this Agreement:

- 1) After consideration of the Addendum, the EIR, as deemed the appropriate environmental document by Resolution No. 04-38, and the Mitigation Monitoring and Reporting Program ("MMRP"), previously adopted therewith;
- 2) The Roseville General Plan, as amended by Resolution No. _____, adopted _____, 2020;
- 3) The West Roseville Specific Plan, as amended by Resolution No. _____, adopted _____, 2020;
- 4) The Re-zoning of the Properties pursuant to Ordinance No. _____ dated _____, 2020;
- 5) The Tentative Parcel Map, as adopted on _____, 2020, by

Resolution No. _____;

- 6) The Small Lot Tentative Subdivision Map, as adopted on _____, 2020, by Resolution No. _____;
- 7) Tree Permit; and
- 8) This Development Agreement, as adopted by Ordinance No. _____, dated _____, 2020 (the "Adopting Ordinance").

The approvals described in paragraphs 1 through 8, inclusive, are referred to herein collectively as the "Entitlements." No other action or approval by City shall be deemed an "Entitlement," provided, however, that subsequent actions or approvals by City for development of the F-55a Property, including, but not limited to, tentative parcel maps and small lot tentative subdivision maps, major project permits, conditional use permits and design review permits (the "Subsequent Entitlements"), shall be deemed included as part of the Entitlements upon City action or approval thereof. The inclusion of Subsequent Entitlements as part of the Entitlements vested hereunder shall not limit the City's discretion to impose time limits within which such Subsequent Entitlements must be implemented.

F. General and Specific Plans. Development of the F-55a Property in accordance with the Entitlements will provide orderly growth and development of the area in accordance with the policies set forth in the General Plan and the West Roseville Specific Plan. For purposes of the vesting protection granted by this Agreement, except as otherwise provided herein, or by state or federal law, the applicable law shall be as set forth in the Entitlements as of the date hereof.

G. Substantial Costs to Landowner. Landowner has incurred and will incur substantial costs in order to comply with conditions of approval of the Entitlements and to assure development of the F-55a Property in accordance with the Entitlements and the terms of this Agreement.

H. Need for Services and Facilities. Development of the F-55 Property will result in a need for municipal services and facilities, which services and facilities will be provided by City to such development subject to the performance of Landowner's obligations hereunder.

I. Contribution to Costs of Facilities and Services. Landowner agrees to contribute to the costs of such public facilities and services as required herein to mitigate impacts on the City from the development of the F-55a Property, and City agrees to provide such public facilities and services, according to the terms of this Agreement, to assure that Landowner may proceed with and complete development of

the F-55a Property in accordance with the terms of this Agreement. Landowner will provide as a part of such development a mix of housing meeting a portion of the housing needs for the City, public facilities such as open space, recreational amenities, and other services and amenities that are of benefit to the entire City. City and Landowner recognize and agree that but for Landowner's contributions to mitigate the impacts arising as a result of development entitlements granted pursuant to this Agreement, City would not and could not approve the development of the F-55a Property as provided by this Agreement and that, but for City's covenant to provide the facilities and services necessary for development of the F-55a Property, Landowner would not and could not commit to provide the mitigation as provided by this Agreement. City's vesting of the right to develop the F-55a Property as provided herein is in reliance upon and in consideration of Landowner's agreement to make contributions toward the cost of public improvements as herein provided to mitigate the impacts of development of the F-55a Property as such development occurs.

J. Development Agreement Ordinance. City and Landowner have taken all actions mandated by and fulfilled all requirements set forth in the Development Agreement Ordinance of the City of Roseville, Article V, Chapter 19.84 of Ordinance No. 3014 of the Roseville Municipal Code.

AGREEMENT

ARTICLE 1. GENERAL PROVISIONS

1.1 Incorporation of Recitals. The Preamble, the Recitals and all defined terms set forth in both are hereby incorporated into this Agreement as if set forth herein in full.

1.2 Binding Covenants. Upon satisfaction of the conditions to recordation of the Agreement set forth in Section 1.3.1 below, the provisions of this Agreement shall constitute covenants which shall run with the F-55a Property and the benefits and burdens hereof shall bind and inure to all successors in interest to and assigns of the parties hereto. Accordingly, all references herein to "Landowner" shall mean and refer to West Roseville, LLC, and each and every subsequent purchaser or transferee of the F-55a Property or any portion thereof from Landowner.

1.3 Term.

1.3.1 Commencement; Expiration. The term of this Agreement shall commence upon the effective date (the "Effective Date") of the ordinance approving this Agreement (the "Adopting Ordinance") and shall extend for a period of thirty (30) years after the Effective Date, unless said term is terminated, modified or extended by

circumstances set forth in this Agreement or by mutual consent of the parties hereto. The Agreement shall be recorded against the F-55a Property within ten (10) calendar days after City enters into the Agreement, as required by California Government Code Section 65868.5. Following expiration of the term, this Agreement shall be deemed terminated and of no further force and effect. As set forth in the Recitals above, the City's agreement to approve development of the F-55a Property (including the zoning of the F-55a Property) is being made in consideration of Landowner's covenants under this Agreement. In the event of any such termination prior to recordation of this Agreement, Landowner acknowledges that the Entitlements shall no longer be vested by this Agreement and that the City shall not be required to approve any development of the F-55a Property, unless and until an effective development agreement is entered into with the City for the F-55a Property.

1.3.2 Automatic Termination Upon Completion and Sale of Residential Unit. This Agreement shall automatically be terminated, without any further action by either party or need to record any additional document, with respect to any single-family residential lot within the Project designated by the Specific Plan for residential use, upon completion of construction and issuance by the City of a final inspection for a dwelling unit upon such residential lot and conveyance of such improved residential lot by Landowner to a bona-fide good faith purchaser thereof. In connection with its issuance of a final inspection for such improved lot, City shall confirm that; (i) all improvements which are required to serve the lot, as determined by City, have been accepted by City; (ii) the lot is included within the Public Services CFD required by Section 3.19 or other financing mechanism acceptable to the City, to the extent required hereby; and (iii) if and to the extent applicable to such lot, an affordable purchase or rental housing agreement has been recorded on the lot. Termination of this Agreement for any such residential lot as provided for in this Section 1.3.2 shall not in any way be construed to terminate or modify any assessment district or Mello-Roos Community Facilities District lien affecting such lot at the time of termination.

1.3.3 Termination Upon Landowner Request. This Agreement may also be terminated, at the election of the then property owner, with respect to any legally subdivided parcel designated by the Specific Plan for residential or non-residential use (other than parcels designated for public use), when recording a final residential lot subdivision map for such parcel, or receiving a certificate of occupancy or final inspection, whichever is applicable, for a multi-family or non-residential building within such parcel, by giving written notice to City of its election to terminate the Agreement for such parcel, provided that: (i) all improvements which are required to serve the parcel, as determined by City, have been accepted by City; (ii) the parcel is included within the Public Services CFD required by Section 3.19, or other financing mechanism acceptable to the City, to the extent required hereby; and (iii) with respect to residential parcels, an affordable purchase or rental housing agreement, if required for such parcel pursuant to Section 2.6.1.1, has been recorded on the parcel. City shall cause

any written notice of termination approved pursuant to this subsection to be recorded with the County Recorder against the applicable parcel at Landowner's expense. Termination of this Agreement for any such residential or non-residential parcel as provided for in this Section 1.3.3 shall not in any way be construed to terminate or modify any assessment district or Mello-Roos Community Facilities District lien affecting such parcel at the time of termination.

1.3.4 Tolling During Legal Challenge. In the event that this Agreement or any of the Entitlements are subjected to legal challenge by a third party, and Landowner is unable or elects not to proceed with the Project due to such litigation, the term of and timing for obligations imposed pursuant to this Agreement shall be automatically tolled during such litigation.

1.4 Amendment of Agreement. This Agreement may be amended from time to time by mutual consent of City and Landowner (and/or any successor owner of any portion of the physical area to which the benefit or burden of the amendment would apply), in accordance with the provisions of the Development Agreement Statute. If the proposed amendment affects less than the entirety of the F-55a Property, then such amendment need only be approved by the owner(s) in fee of the portion(s) of the F-55a Property that is subject to or affected by such amendment. The parties acknowledge that under the City Zoning Code and applicable rules, regulations and policies of the City, the Planning Manager has the discretion to approve minor modifications to approved land use entitlements without the requirement for a public hearing or approval by the City Council. Accordingly, the approval by the Planning Manager of any minor modifications to the Entitlements that are consistent with this Agreement shall not constitute nor require an amendment to this Agreement to be effective or to be subject to this Agreement.

For purposes of this Section, minor modifications shall mean any modification to the Project that does not relate to (i) the term of this Agreement, (ii) permitted uses of the Project, (iii) density or intensity of use, (iv) provisions for the reservation or dedication of land, (v) conditions, terms, restrictions or requirements for subsequent discretionary actions, or (vi) monetary contributions by Landowner, and may be processed under CEQA as exempt from CEQA, or with the preparation of a Negative Declaration or Mitigated Negative Declaration.

1.5 Recordation Upon Amendment or Termination. Except when this Agreement is automatically terminated due to the expiration of the Term or the provisions of Section 1.3.2 above, the City shall cause any amendment hereto and any other termination hereof to be recorded, at Landowner's expense, with the County Recorder within ten (10) calendar days after City executes such amendment or termination. Any amendment or termination of the Agreement to be recorded that affects less than all the F-55a Property shall describe the portion thereof that is the

subject of such amendment or termination.

ARTICLE 2. DEVELOPMENT OF THE F-55 PROPERTY

2.1 Permitted Uses. The permitted uses of the F-55a Property, the density and intensity of use, the maximum height and size of proposed buildings, provisions for reservation or dedication of land for public purposes, and location of public improvements, and other terms and conditions of development applicable to the F-55a Property shall be those set forth in the Entitlements.

2.2 Vested Entitlements. Subject to the provisions and conditions of this Agreement, City agrees that City is granting, and grants herewith, a fully vested entitlement and right to develop the F-55a Property in accordance with the terms and conditions of the Entitlements, including, but not limited to, allocation of residential units to residentially designated parcels in the Specific Plan, minimum lot sizes, street locations and configurations in any approved tentative subdivision maps, and allocation of building square footage to commercially designated parcels in the Specific Plan. City acknowledges that the Entitlements include the following Specific Plan land use designations and approximate acreages, net of road right of way ("Net Acre") for the parcels in the Specific Plan set forth below, as shown in the Specific Plan Land Plan in Exhibit "D", attached hereto and summarized below:

Low Density Residential (Parcel F-55a)	99 units on 24.28 Net Acres;
High Density Residential (Parcel F-20b)	0 units on 0.49 Net Acres;
Park (Parcel W-60a and Parcel F-55b)	29.23 Net Acres;
Open Space (Parcels F-86b and F-86c)	0.86 Net Acres;
Right-of-Way	0.14 Net Acres.

Such uses shall be developed in accordance with the Entitlements, as such Entitlements provide on the Effective Date of this Agreement. Landowner's vested right to proceed with the development of the F-55a Property shall be subject to subsequent approvals, provided that any conditions, terms, restrictions and requirements for such subsequent approvals shall not prevent development of the F-55a Property for the uses set forth in the Entitlements, and as more fully set forth in Section 2.4.1 below.

2.2.1 Property Specific Development Standards. At Landowner's option, either the Residential Single Family/Development Standards (RS/DS) attached hereto as Exhibit "D-1" or the RS/DS standards set forth in the Specific Plan shall apply to the Low Density Residential designated parcel in the F-55a Property.

2.3 [Reserved].

2.4 Rules, Regulations and Official Policies.

2.4.1 Inconsistency. Except as prohibited by Government Code Section 65869.5 or other applicable state or federal law, to the extent any future rules, ordinances, regulations or policies applicable to development of the F-55a Property are inconsistent with the land use designations or permitted or conditionally permitted uses on the F-55a Property, density and intensity of use, rate or timing of construction, design requirements, maximum building height and size, or provisions for reservation and dedication of land or other conditions of approval or terms under the Entitlements as defined herein and as provided in this Agreement, the terms of the Entitlements and this Agreement shall prevail, unless the parties mutually agree to alter this Agreement. To the extent any future rules, ordinances, fees, regulations or policies applicable to development of the F-55a Property are not inconsistent with the land use designations or permitted or conditionally permitted uses on the F-55a Property, density and intensity of use, rate or timing of construction, design requirements, maximum building height and size, or provisions for reservation or dedication of land or other terms or conditions under the Entitlements or under any other terms of this Agreement, such rules, ordinances, fees, regulations or policies shall be applicable to the development of the F-55a Property, except as limited by Section 2.5.2 of this Agreement.

2.4.2 Obligation to Meet and Confer. If City attempts to apply to the Project future rules, ordinances, fees, regulations or policies which Landowner believes to conflict with the Entitlements, Landowner shall provide to City in writing a notice describing the legal and factual basis for Landowner's position. The parties shall meet and confer within thirty (30) calendar days after the date of such written notice by Landowner to discuss the matter.

2.4.3 Application of Changes. Nothing in this section shall preclude the application to development of the F-55a Property of changes in City laws, regulations, plans or policies, the terms of which are specifically mandated or required by changes in State or Federal laws or regulations. To the extent that such changes in City laws, regulations, plans or policies prevent delay or preclude compliance with one or more provisions of this Agreement, City and Landowner shall take such action as may be required pursuant to Section 4.1 of this Agreement to comply therewith.

2.4.4 Authority of City. This section shall not be construed to limit the authority or obligation of City to hold necessary public hearings, or to limit discretion of City or any of its officers or officials with regard to rules, regulations, ordinances, laws and entitlements of use which require the exercise of discretion by City or any of its officers or officials, provided that subsequent discretionary actions shall not prevent or delay development of the F-55a Property for the uses and to the density and intensity of development as provided by the Entitlements and this Agreement, in effect as of the date that City executes this Agreement.

2.5 City Fees, Taxes and Assessments.

2.5.1 Processing Fees and Charges. Landowner shall pay those processing, inspection and plan checking fees and charges required by City under then current regulations for processing applications and requests for permits, approvals and other actions, and monitoring compliance with any permits issued or approvals granted or the performance of any conditions with respect thereto or any performance required of Landowner hereunder.

2.5.2 Public Financing Limited to Specific Funding Mechanisms. This Agreement includes specific construction, funding and reimbursement obligations of Landowner and specific rights or obligations, as the case may be, to participate in a community facilities district(s) or a similar financing district to fund the acquisition and construction of specific facilities and the maintenance of certain improvements. Landowner's obligation with respect to the participation of the F-55a Property in any funding mechanisms to support the construction of any other public facilities and improvements or the provision of public services in relation to development of the F-55a Property shall be to pay City fees related to the construction and provision of such public facilities authorized by ordinance to be collected by City as of the date that City executes this Agreement as such fees may be adjusted from time to time in accordance with applicable law, or such other fees as may be duly adopted in the future by City from time to time in accordance with applicable law; provided, however, except as otherwise specifically provided in this Agreement, Landowner's obligation to pay future City fees is limited to those fees adopted on a City-Wide basis or which apply uniformly to all properties within the City of Roseville which are zoned consistent with Landowner's zoning as set forth in the Entitlements, or which apply uniformly to all properties which are similarly situated, whether by geographic location, drainage sheds or other distinguishing circumstances.

2.6 Affordable Housing. The affordable housing obligation for the F-55a Property is ten percent (10%) of the total residential units which are actually constructed within the F-55a Property. Landowner shall provide, pay an in-lieu fee for (excluding moderate-income units), or make financial expenditures equivalent to, ten (10) units affordable to very low, low, and moderate-income households. The breakdown of percentage of the total number of affordable units to the different income levels shall be forty percent (40%) for very low, forty percent (40%) for low, and twenty percent (20%) for moderate-income households.

Landowner shall develop or cause twenty percent (20%), or two (2) units, of the total required affordable residential units within the F-55a Property to be developed as units affordable to moderate-income households, in accordance with the terms of this

Section and subject to adjustment based on actual development. Any adjustment based on actual development shall be subject to the approval of the City Manager or his/her designee.

The F-55a Property is part of a property exchange between the City and Landowner which will enable the City to build a multi-field sports complex at substantially lower costs. Due to these unique circumstances and in order to satisfy its obligation for very low and low income households, Landowner shall bear the cost of constructing parking on Parcel F-20b for the use and benefit of Parcel F-20, and deed Parcel F-20b to the owner of the existing affordable housing project located on Parcel F-20 once Landowner has completed such parking improvements. In addition, Landowner has constructed at its expense significant improvements to the W-60a Property, including frontage improvements (including utilities), resulting in significant public benefit that the City will realize upon the development of the W-60a Property. Since these financial expenditures are the equivalent of providing the remaining eight (8) affordable units, payment of an additional in-lieu fee for the very low and low income units is not required.

The term “very low income” means households earning 50% or less of median income, “low income” means households earning 50% to 80% of median income, and “moderate income” means households earning 80% to 100% of median income, as published annually by the U.S. Department of Housing & Urban Development (“HUD”). Income eligibility and asset verification and calculation guidelines shall be determined in accordance with the HUD Handbook 4350.3 Chapter 5. For each of the household income ranges specified herein, household income at the upper limit of the specified ranges shall be used in determining qualifying sales prices for affordable purchase residential units.

Locations of affordable housing single-family affordable purchase residential units shall be established in the Affordable Housing Agreement required under Section 2.6.1.1 below. Such locations may be modified pursuant to Section 2.6.1.4 of this Agreement.

2.6.1 Affordable Purchase Residential Units. Landowner agrees that two (2) units will be reserved on the F-55a Property as detached and/or attached single-family residential units affordable to moderate-income purchasers as follows:

Parcel	Total Units in Parcel	Moderate-Income Purchase Units
F-55a	99	2
TOTAL	99	2

Notwithstanding the foregoing, Landowner may satisfy the obligation set forth above for the two (2) moderate-income purchase units in the F-55a Property by securing the construction of two (2) low income rental units in a parcel in the WRSP or the Sierra Vista Specific Plan ("SVSP") via transferring the obligation for the two (2) affordable units set forth herein to such parcel within the WRSP or SVSP pursuant to Section 2.6.1.4 below. The affordable housing obligation for the two (2) units set forth above that are so transferred shall be additional low income rental units above the then required affordable units within the WRSP or SVSP.

2.6.1.1 Required Agreements. Prior to the approval of each final small lot residential subdivision map containing lots for affordable purchase units, the parties shall enter into City's then current form Affordable Housing Agreement (or other applicable City-approved form) for such residential purchase units affordable to moderate-income households. Specific requirements of the agreement will be determined by the City Manager or his/her designee.

2.6.1.2 Content. The Affordable Housing Agreement shall, for each such residential lot subdivision, set forth, among other things, the distribution of the affordable housing units within the subdivision, and include specific requirements for marketing of affordable purchase units, inclusion or modifications of amenities, exterior materials and finishes, alternate means of satisfying the affordable housing obligation, and best efforts requirements.

2.6.1.3 No City Subsidies. Landowner agrees to provide all of the moderate-income affordable purchase units without any subsidy from the City.

2.6.1.4 Transfer of Obligation. At the request of Landowner, the affordable purchase housing obligation (or any portion thereof), including any excess affordable purchase units committed to by Landowner above its allocated affordable housing obligation hereunder, may be transferred, with the consent of the City Manager or his/her designee, to another parcel (the "Transferee Parcel") within the Specific Plan, subject to the approval of the owner(s) of both the transferring and receiving parcels. No such transfer shall require an amendment to this Agreement, but City and Landowner and the owner(s) of the receiving parcels shall execute an instrument memorializing such transfer of obligation which shall be recorded against the affected parcels, with reference to this Agreement.

2.6.1.5 In Lieu Fee - Affordable Housing. In the event City adopts a fee to be paid in lieu of constructing affordable housing, Landowner shall be eligible to pay such in lieu fee rather than provide affordable housing units on the F-55a Property.

2.6.1.6 Community Facilities Districts. The City Manager or

his/her designee shall maintain a list of moderate-income affordable units that are conveyed pursuant to an Affordable Housing Agreement (or applicable City-approved form) and, on or about May 1 of each calendar year, shall send a copy of such Affordable Housing Agreement(s) to the Chief Financial Officer. In reliance thereon, the Chief Financial Officer shall, to the extent allowed by law, if and when a Community Facilities District is formed encompassing the F-55a Property, set the applicable special tax for the moderate-income affordable purchase units within each such Parcel at a level described in the rate and method for said Community Facilities District.

2.6.2 Not a Limitation. Nothing in the foregoing Section 2.6.1 shall be construed to limit Landowner from offering units for purchase to households of moderate incomes in excess of the number of units specified.

2.7 Wetlands.

2.7.1 404 Permit. Landowner and other property owners in the WRSP have obtained from the U.S. Army Corps of Engineers (the "Army Corps") a permit (the "404 Permit") to fill specific wetland resources in conjunction with development of all property within the WRSP, including the F-55a Property, and have mitigated all impacts of such wetland fills in satisfaction of the conditions and requirements of the 404 Permit.

Landowner shall obtain any other State or Federal permits that may be required in order to develop the F-55a Property. Notwithstanding this obligation of Landowner, City shall, to the maximum extent feasible, avoid infrastructure designs and locations that would require Landowner to amend its 404 Permit or any other permit required by state or federal agencies.

2.7.2. Compliance with 404 Permit Conditions. Any violation of the 404 Permit by Landowner arising out of construction of drainage outfalls and other drainage improvements in any on-site preservation area ("Preserve Area(s)") shall be the responsibility of Landowner. Upon City acceptance of such improvements (which shall occur upon completion of such drainage improvements prior to City acceptance of the Preserve Area(s)), City shall be responsible for the normal operation and maintenance of such outfalls and other drainage improvements within dedicated areas. Notwithstanding City's acceptance of the drainage improvements, the City shall not be responsible for any 404 Permit or Clean Water Act violations arising from Landowner or third party actions affecting the normal operation of the drainage system. City shall be responsible for any 404 Permit or Clean Water Act violations, and the costs thereof, arising out of actions of the City causing such violation(s).

2.8 Provision of Off-site Real Property Interests. In those circumstances

where the City owns property in fee on or over which development of the F-55a Property requires permanent and temporary construction easements, road rights-of-way and/or sites for public facilities, City shall grant such permanent easement or temporary easements, right-of-way, or sites as needed for the timely and efficient development of the Property.

ARTICLE 3. LANDOWNER OBLIGATIONS

3.1 Development, Connection and Mitigation Fees. Except as otherwise provided in Section 2.5 of this Agreement, any and all required payments of development, connection or mitigation fees by Landowner shall be made at the time and in the amount specified by then applicable City ordinances. Wherever this Agreement obligates Landowner to design, construct or install any improvements, the cost thereof may be provided by Landowner, or by traditional assessment district, CFD or other such financing mechanism, subject to and in accordance with the provisions thereof and with City approval.

3.2 Public Improvements To Be Dedicated, Constructed or Financed by Landowner. Landowner agrees to dedicate, construct or acquire the improvements or facilities and to perform the obligations set forth in this Section 3, at its expense. Prior to dedication of sites to City, Landowner shall obtain and fulfill the terms of any state and federal permits needed for anticipated development (e.g., 404 Permit and CDFG 1600 Streambed Alteration Agreements, as needed) and complete said development if said development is a Landowner responsibility under this Agreement. All land dedications shall be free of environmental or other constraints or other encumbrances inconsistent with the intended use of those properties (e.g., all wetlands shall be filled in accordance with applicable 404 Permits), unless expressly waived by the City. Title shall be conveyed to City in fee simple and without restriction or limitation on use(s), unless approved otherwise by the City Attorney.

3.3 Recordation of Large Lot Map. One Tentative Parcel Map ("TPM") shall be prepared for Parcel F-55, with one final parcel map ("Final Parcel Map"). Consistent with Section 3.5.5.2 below, security shall only be required for recordation of any small lot subdivision map.

With the recordation of the first Final Map, the Landowner shall grant to City separate IODs for (1) rights-of-way ("RoW") for Parcel F-55a's Blue Oaks Boulevard frontage, if any additional RoW is needed to complete required frontage improvements along Parcel F-55a's Blue Oaks Boulevard frontage, (2) public utility easements ("PUEs") consisting of twenty-five (25) feet adjacent to RoW dedications, and (3) temporary construction easements ("TCEs") covering the combined width of the RoW, and PUEs. City shall have the right to accept TCEs on behalf of or for use by any third party developer(s), subject to such third parties executing a right of entry

agreement, including indemnification provisions, acceptable to Landowner, which acceptance shall not be unreasonably withheld.

City shall accept all RoW and PUE IOD's subject to improvement. IOD's shall remain in force until such time as all Landowner obligations for public improvements is complete. Upon issuance of a Certificate of Completion ("COC") for the completed improvements within the IOD's, and following the acceptance of those improvements by the City Council, the City shall accept the dedications.

3.4 Public Utilities Within Rights-of-Way. All public utilities shall be located within the rights-of-way to be granted by Landowner to City for the arterials, collectors and other local streets within the F-55a Property or within public easements granted by Landowner to City for such purposes. Accordingly, upon approval of the Final Map, or demand of the City based upon service needs, whichever occurs first, Landowner agrees to grant an IOD to City for the rights-of-way, pursuant to Section 3.3, for any arterials, collectors, or public easements that include the area within which such public utilities will be located. If such utilities need to be installed prior to the construction of the applicable street(s), Landowner shall grant a temporary public utility easement which shall merge with the rights-of-way upon completion of the applicable street improvements. The width of the rights-of-way, including the area for the applicable roadways, utilities and power line corridors shall be as shown in the Specific Plan.

Nothing in this Agreement shall be construed to limit or restrict the right of the City to require the dedication of an easement for utility, bus shelter, or powerline corridor purposes related to development of any parcel when such requirement would be otherwise consistent with the reasonable exercise of the police powers of the City and is reasonably related to a requirement to serve the parcel or parcels adjacent to the easement.

3.5 Road Improvements. Landowner, at its expense, shall provide the road improvements set forth in the small lot tentative subdivision map for Parcel F-55a.

3.5.1 Landowner's Obligations. In recognition that portions of Blue Oaks Boulevard along Parcel F-55a's frontage have been constructed by others, Landowner's obligation for roadway improvements shall consist of the improvements shown on Exhibit "E". This obligation for Parcel F-55a's Blue Oaks Boulevard frontage shall consist of construction of improvements from the western edge of existing curb, gutter, and sidewalk, as completed under previously approved improvement plans, to the western curb return at the planned street intersection located at the northwest corner of Parcel F-55a, including asphalt pavement between Parcel F-55a's frontage and the southern edge of existing asphalt pavement on Blue Oaks Boulevard. Landowner's obligation shall also consist of construction of an interim deceleration lane on eastbound Blue Oaks Boulevard from the western curb return at Parcel F-55a's entrance to the

southern edge of the existing pavement, for a distance of approximately 215 feet to the west of Parcel F-55a's western curb return. Improvements defined herein shall include drainage facilities, utilities, and street lights (collectively, "Frontage Improvements"). Auxiliary lanes, turn flares, accel/decel lines, tapers, transition lanes, widening at driveways and bus turnouts shall be constructed by Landowner in, and encroach into, the public utility easement/landscape easement corridors per the Specific Plan. The area within which such Frontage Improvements are to be located shall be referred to herein as Landowner's frontage. Unless specifically identified within this Agreement, Landowner shall not be entitled to reimbursement or credit towards the City's traffic mitigation fee for any required Frontage Improvements along arterial roadways, or for any residential and/or collector roadway improvements.

Landscaping and sidewalks adjacent to roadways may be constructed concurrent with the development of adjacent parcels. Bike trail connections will be constructed consistent with Section 3.12.4 of this Agreement.

3.5.2 Arterial Roadways. If necessary, Landowner shall grant easements and dedicate all IODs for the Blue Oaks Boulevard frontage for Parcel F-55a.

3.5.3 Blue Oaks Boulevard Off-Site Road Fee. As defined in the Fourth Amendment to the Development Agreement by and between the City and ATC Realty One, LLC, recorded in the Official Records of Placer County as Instrument No. 2013-0082174-00, the City has adopted a Blue Oaks Boulevard Off-Site Road Fee, applicable to certain properties in the WRSP, and City and Landowner intend in this Agreement to apply such fee to building permits in Parcel F-55a. Accordingly, Landowner shall pay to City, upon issuance of each residential building permit in Parcel F-55a, the Blue Oaks Boulevard Off-Site Road Fee in the amount of \$613.81 per dwelling unit. The Blue Oaks Boulevard Off-Site Road Fee shall be subject to annual adjustment, on July 1, based on the percentage change in the Construction Cost Index ("CCI") shown in the Engineering and News Record in May of each year and based on the average of the 20 Cities average and San Francisco average.

3.5.4 Westpark Drive Off-Site Road Fee. As defined in the Fourth Amendment to the Development Agreement by and between the City and ATC Realty One, LLC, recorded in the Official Records of Placer County as Instrument No. 2013-0082174-00, the City has adopted a Westpark Drive Off-Site Road Fee, applicable to certain properties in the WRSP, and City and Landowner intend in this Agreement to apply such fee to building permits in Parcel F-55a. Accordingly, Landowner shall pay to City, upon issuance of each residential building permit in Parcel F-55a, the Westpark Drive Off-Site Road Fee in the amount of \$185.62 per dwelling unit. The Westpark Drive Off-Site Road Fee shall be subject to annual adjustment, on July 1, based on the percentage change in the CCI as detailed in Section 3.5.3.

3.5.5 Timing of Dedication and Construction of Road Improvements.

3.5.5.1 Rights-of-way for Parcel F-55a's Blue Oaks Boulevard frontage, if necessary, shall be dedicated as an IOD to the City as set forth in Section 3.3, and with the recordation of the Final Parcel Map. All other dedications of roadways to the City shall be made with subsequent final small lot subdivision maps and City acceptance of completed improvements.

3.5.5.2 Prior to the recordation of a small lot residential subdivision map for the Property, Landowner shall provide adequate assurances to City, either in the form of subdivision improvement bonds, issuance and sale of bonds by the CFD or other manner acceptable to the City, that adequate funds are available to finance the completion of all improvements to arterial roadways to serve the portion of the Parcel F-55a Property which is the subject of the small lot residential subdivision map; provided, however, Landowner shall not be required to post security for the portion of the work associated with Road CIP improvements.

3.5.6 Road Improvement Standards. All improvements to be installed by Landowner shall comply with the City's development standards for public streets in effect as of the date of improvement plan approval unless modifications are otherwise mutually agreed to by Landowner and the Development Services Director. The rights-of-way required for such road improvements shall be as set forth in the Specific Plan, or, if not shown in the Specific Plan, then as set forth in the City's Improvement Standards.

3.5.7 Landscape Setbacks. For the roadways within and/or adjacent to the F-55a Property, Landowner shall establish the applicable landscape setbacks provided therefore by the Specific Plan and/or Design Guidelines. Such setbacks shall be measured generally from back of curb, except bus turnouts, auxiliary lanes, turn flares, accel/decel lanes, and tapers may encroach into the landscape setback to the extent permitted by the Specific Plan Design Guidelines. Such landscape setbacks shall be limited to landscaping, streetlights, utilities, sidewalks, walls and related uses, and shall be included in the road rights-of-way, adjacent to single family residential parcels. Such setbacks shall not be included within rights-of-way adjacent to nonresidential uses as set forth in the Specific Plan.

3.5.8 City Traffic Mitigation Fee. Landowner agrees that the F-55a Property shall be subject to and shall pay the City Traffic Mitigation Fee applicable to the WRSP.

3.5.9 Highway 65 Joint Powers Authority. Landowner agrees that the F-55a Property shall be subject to and shall pay the Highway 65 Joint Powers Authority Fee ("Highway 65 JPA Fee") applicable to the WRSP.

Nothing in this Section shall be construed as an agreement to an allocation of assessment or benefit to a particular parcel or parcels or to constitute a waiver of the right of Landowner to protest an allocation of a particular assessment burden or benefit associated with the updates of the foregoing fee programs.

3.5.10 South Placer Regional Traffic Fee (Tier I). Landowner agrees that the F-55a Property shall be subject to and pay the South Placer Regional Traffic ("SPRTA") Fee (Tier I) as established by the Placer County Transportation and Planning Agency ("PCTPA") and adopted by the City as applied to property in the WRSP.

Nothing in this Section shall be construed as an agreement to an allocation of assessment or benefit to a particular parcel or parcels or to constitute a waiver of the right of Landowner to protest an allocation of a particular assessment burden or benefit associated with the updates of the foregoing fee programs.

3.5.11 City-County Fee. Landowner acknowledges that City and Placer County have adopted a funding mechanism (the "City-County Traffic Mitigation Fee") for improving certain roads in the western Placer County, including Baseline Road and Walerga Road. Landowner agrees that the F-55a Property shall be subject to and pay the City-County Traffic Mitigation Fee applicable to properties in the WRSP.

3.5.12 Alternative Transportation Marketing. Landowner shall provide educational and marketing materials for alternative modes of transportation (e.g. Roseville Transit Services Guide, Bikeways Map and carpool/vanpool information) to each new homeowner and the first resident of each attached housing unit.

3.6 Sewer Facilities. Landowner shall construct on-site sewer facilities as described in this Section, and as shown in Exhibit "F", attached hereto. City shall provide Landowner with any rights-of-entry needed to connect these improvements to the City's existing sewer system. Except for the improvements expressly described herein and as shown on Exhibit "F", Landowner shall have no obligations to install or pay for the installation of any off site treatment facilities, except through the payment of sewer connection fees (local, regional and special benefit) levied and collected by the City at the time of development pursuant to City ordinances.

3.6.1 Master Wastewater Plan. Landowner shall construct wastewater conveyance facilities to connect the F-55 Property to the Pleasant Grove Wastewater Treatment Plant ("Treatment Plant"). Construction of such facilities shall be consistent with Exhibit "F".

Where wastewater conveyance facilities are to be located within

roadways, such facilities shall be installed concurrent with the construction of the corresponding road improvements, if not earlier. All weather maintenance access roads shall be provided to provide a single point of access to all manholes that are not located within roadways, to be determined by the Environmental Utilities Director.

3.6.2 Improvement Standards. All sanitary sewer improvements shall be designed and constructed pursuant to City's then current Improvement Standards and shall be subject to City plan review, construction inspection and final approval. Landowner shall pay then current plan check, mapping and inspection costs as incurred by City for review, mapping and inspection of such improvements.

3.6.3 Access to Manholes. Manholes shall be located so that they are accessible by City sewer maintenance vehicles unless otherwise approved by the Environmental Utilities Director. All manholes shall be made watertight during construction. Landowner shall maintain access for City sewer maintenance vehicles to access all selected manholes in the Project, as determined by the Environmental Utilities Director. Where feasible, maintenance roads shall be combined with bikeways.

3.6.4 Public Utility Easements. Where wastewater improvements to be constructed by Landowner are not located within road rights-of-way, as and when Landowner installs such wastewater improvements, Landowner shall grant and City shall accept a non-exclusive public utility easement for the ownership and maintenance of such lines, together with access thereto for maintenance purposes. Easement widths shall be granted in accordance with the City's Improvement Standards.

3.7 Water Supply.

3.7.1 Financing of Water Supply. Other than facilities specified in Exhibit "H", Landowner shall have no construction obligation to install or pay for the installation of any off-site water storage, treatment or transmission facilities, except through the payment of water connection fees levied and collected by the City at the time of development pursuant to then-existing City ordinances and this Agreement.

3.7.2 Water Conservation Measures. Landowner and its successors shall implement a Water Conservation Plan included as Exhibit "G" to this Agreement. The Water Conservation Plan shall include compliance with the City's Water Efficient Landscape Ordinance and outline all water conservation measures being implemented within the F-55a Property and measures to ensure water conservation objectives are achieved in perpetuity and shall be approved, at the discretion of, the Environmental Utilities Director prior to issuance of the first building permit. Such water conservation measures shall include, but are not limited to, Smart Timers, re-circulating hot water systems, and turf limitations, and shall be disclosed to each purchaser of real property within the F-55a Property. Modifications to the Water Conservation Plan as approved

by the Environmental Utilities Director shall not require an amendment to this Agreement.

3.8 Water System Improvements.

3.8.1 Water Facilities. Landowner shall construct on-site water system facilities as shown on Exhibit "H". All such facilities to be constructed by Landowner, including mains, shall be designed and constructed pursuant to City's then current Improvement Standards, unless modifications are otherwise mutually agreed to by Landowner and the Environmental Utilities Director, and subject to City plan review, construction inspection and final approval. Landowner shall pay then current plan check, mapping and inspection costs as incurred by City for review, mapping and inspection of such improvements. Landowner will not be responsible for the construction of potable water reservoirs, water storage tanks, topside well improvements, water treatment facilities and pump stations except through the payment of City water connection fees and special benefit fees as may be applicable or otherwise described herein.

3.8.2 Public Utility Easements. Where the water improvements to be constructed by Landowner are not located within road rights-of-way, as and when Landowner installs such water facilities, Landowner shall grant and City shall accept a non-exclusive public utility easement the width of which shall be in accordance with City's then current Improvement Standards, for the ownership and maintenance of such lines, together with access thereto for maintenance purposes only.

3.8.3 Water Softeners. As part of its development of the F-55a Property, Landowner and its successors shall not provide water stubouts for the installation of water softeners.

3.8.4 Disclosure to Buyers. Landowner shall disclose to all residential and nonresidential buyers that the F-55a Property will be served by both surface water and groundwater supplies and that variations in the appearance, taste and color of water may be noticed from time to time and include such disclosure in the covenants, conditions and restrictions (CC&Rs) for the F-55a Property. The disclosure shall describe the location of groundwater wells and water storage facilities.

3.9 Recycled Water Facilities. Landowner shall construct recycled water system facilities as provided in this Section, and as shown in Exhibit "I", attached hereto and made a part hereof. Recycled water shall be used for irrigation of landscape setback. Landowner shall construct and dedicate upon completion thereof, a recycled water line system as generally shown in Exhibit "I".

3.9.1 Non-Exclusive Public Utility Easement. Where the recycled water

facilities are not located within road rights-of-way, as and when such facilities are installed, Landowner shall grant and City shall accept a non-exclusive public utility easement for the ownership and maintenance of such facilities, together with access thereto for maintenance purposes only. Easement widths shall be granted in accordance with the City's then current Improvement Standards.

3.9.2 Recycled Water Use Disclosure to Buyers. Landowner shall disclose to all buyers that recycled water shall be used for irrigation of landscape corridors. Such disclosure shall be included in the CC&Rs for all residential buyers.

3.10 Drainage Facilities. Landowner shall be responsible for the design and construction of all storm drain facilities required to serve the F-55a Property in conformance with the Project Drainage Plan, the then approved City Improvement Standards, City Storm water Management Program, the MS4 Permit as issued and modified by the State and Regional Water Quality Control Board, the approved Placer County Storm Water Management Manual, and the 404 Permit issued by the Army Corps. All appropriate aspects of the Low Impact Development Plan and the Flood Control Plan as specified in the Master Drainage Plan and in the Specific Plan will be the responsibility of each increment of development at the time of development. In general, drainage facilities shall be constructed concurrent with roadway improvements, and shall include permanent outfall structures and open space storm water treatment devices within the F-55a Property boundaries and the off-site facility within Parcel F-55b as shown on the small lot tentative subdivision map. Prior to approval of any improvement plans for the construction of storm drain facilities within a drainage shed, a master drainage plan shall be prepared and approved by the City Engineer for the entire shed area or sub-area approved by the City Engineer and shall include a rough grading plan of that shed. The Drainage Plan for individual sheds shall include pipe sizes, grades, flows, depths of pipe, and cover over and on top of the pipe. Landowner shall provide drainage improvements as provided in this Section, and as shown in Exhibit "J", attached hereto and made a part hereof. Except for the improvements expressly described herein and as shown in Exhibit "J," Landowner shall have no obligation to install or pay for the installation of offsite drainage facilities, except through the payment of drainage fees levied and collected by the City at the time of development pursuant to City ordinances.

3.10.1 Other Agency Approval. Prior to issuance of any building permit or grading permit, Landowner shall obtain, at its expense, all permits and agreements as required by other agencies having jurisdiction over drainage, water quality or wetlands issues including, but not limited to, the Regional Water Quality Control Board ("RWQCB"), the Army Corps and the California Department of Fish and Wildlife.

Landowner shall prepare and implement a Storm Water Pollution and Prevention Plan (SWP3), and shall construct and maintain Best Management Practices

(BMPs) as required by law, the SWP3 and as approved by the City, concurrently with construction of any improvements. Landowner shall obtain a permit from the RWQCB for the General Construction Storm Water Permit Compliance Program, as required by law, prior to the start of any construction, including grading on the F-55a Property.

3.10.2 Storm Drains. Landowner shall construct storm drain mains and laterals in accordance with the Project Drainage Plan and with the City's then current Improvement Standards and shall provide laterals to serve all parcels on the F-55a Property, including, but not limited to, park sites. Storm drain laterals shall be constructed to the property line concurrently with the construction of connecting open channels or storm drain mains. Storm drainage system designs shall include applicable Best Management Practices with the goal of preventing or reducing pollutants from entering receiving waters in accordance with the City's Storm Water Management Program. Should grading alter the natural drainage patterns and it becomes necessary to redirect drainages across lands dedicated to the City, the Landowner shall be responsible for the installation of above ground drainage ditches to control and direct runoff to receiving waters as appropriate. Landowner shall be responsible for annual (or more frequent if needed) maintenance of said drainage ditches until such time that the City develops the property.

3.10.3 Drainage Easements. Where permanent drainage facilities to be owned and maintained by City are to be constructed by Landowner and are not located within road rights-of-way, as and when Landowner installs such drainage improvements, Landowner shall grant and City shall accept a non-exclusive public utility easement or temporary easement for the ownership and maintenance of such lines, together with access thereto for maintenance purposes only. The City shall not be required to accept or maintain any temporary drainage improvements. Easement widths for completed permanent drainage facilities shall be granted in accordance with the City's then current Improvement Standards. When those permanent drainage facilities not located within road rights-of-way and are to be placed on property owned by someone other than the Landowner of those facilities, the Landowner shall secure all necessary rights of entry and third party easements. All drainage outfall structures for storm drain flows leaving the F-55a Property shall be built as either temporary or permanent structures wholly on properties in the WRSP. The City will offer no power of eminent domain for such drainage outfall structures.

3.11 Electric. Landowner shall provide electric utility improvements as provided in this Section and as shown in Exhibit "K" attached hereto.

3.11.1 On-Site Electric Facilities. For purposes of this section, "on-site" means within the F-55a Property. Concurrently with the construction of the adjacent roadways and as specified in Section 3.3, Landowner agrees to construct, or finance the construction of, on-site 12kV electric distribution facilities as directed by the Electric

Utility Director. Landowner shall construct or finance construction of on-site 12kV electric distribution facilities in accordance with final on-site electric distribution designs for the F-55a Property as directed by the Electric Utility Director in accordance with applicable City Electric Utility Department Specifications. Design of any final electric utility improvements (off-site, on-site, in-tract), including streetlights, shall commence prior to receipt of approval of improvement plans for the applicable F-55a Property roadways. Any costs of re-design of electric improvements due to adopted improvement plans shall be borne by Landowner.

3.11.2 Streetlights. Concurrent with the construction of the adjacent roadways, Landowner agrees to construct, or finance construction of, streetlights within the F-55a Property, as directed by the Electric Utility Director. Except as may otherwise be permitted by the Electric Utility Director, no street shall be accepted by the City unless and until streetlights have been installed in accordance with the Specific Plan and applicable requirements of the Electric Department. Streetlights shall meet Roseville Electric's specifications for residential and/or commercial construction in effect at the time the construction improvement plans are approved and issued by the City.

3.11.3 Electric Efficiency and Demand Reduction. In order to mitigate demand for energy supplies and comply with state mandated energy efficiency goals, the following energy efficiency and load management requirements are hereby established:

1. All residential dwelling units will install residential air conditioning units with the following sets of parameters, as a minimum standard:
 - a. A Seasonal Energy Efficiency Rating ("SEER") of 2 points above the minimum, as defined by the State of California in the current Title 24 of the Code of California Regulations, up to a total maximum of 16 points including the 2 point premium, an Energy Efficiency Ratio ("EER") of 12 or greater, and a thermal expansion valve ("TXV"). The SEER rating of 2 points above the minimum, as defined by the current Title 24, up to a maximum of 16 points, and an EER rating of 12 or greater along with a TXV will be specified on building plans and Title 24 compliance certificates at the time building permits are requested. If Title 24 of the Code of California Regulations in effect at the time of request for building permits requires higher SEER or EER ratings, residential units in the Plan Area shall comply with such State requirements. The SEER and EER ratings will be verified with appropriate documentation. These

requirements shall be utilized in the overall energy compliance calculations required for issuance of a building permit for any residential unit. Any variances must be approved by the Electric Department's Retail Energy Services Department.

2. A direct load control device will be installed on all new residential dwelling units to the extent and subject to availability of program funds at the time of final map approval. The device will cycle the air conditioner compressor on/off during summer high peak load hours and operate under the control of Roseville Electric. Roseville Electric will install and maintain the devices at no cost to the builder/homeowner and/or Landowner. Roseville Electric shall install the device in a manner that does not delay Landowner's construction or sale of the residence. Customers will be automatically enrolled in the load control program and must actively opt out. Additionally, Landowner shall disclose to all residential buyers the following: (1) their property has been installed with a Roseville Electric owned air conditioner cycling demand switch; (2) the home buyer is automatically enrolled in the program; (3) Landowner will provide the home buyer with an opportunity to opt out of the program at the time of close of escrow and that this information will be provided to the Roseville Electric Retail Services New Construction Program Manager. Note the disclosure stated in Section 3.23(23) as to the direct load control device.

3.12 Parks, Open Space, and Bike Trails. City is retaining Parcels F-55b, F-86b and F-86c, Parcels 2, 3 and 4, respectively, of the Tentative Parcel Map approved with this Agreement. Landowner is not obligated to dedicate any parkland to City because of the excess parkland already dedicated in the WRSP.

Landowner shall not construct any private single access gates or private access from single homeowner's property onto public spaces, such as parks, preserves, and paseos. Additionally, Landowner shall place the foregoing restriction as applicable to homeowners in the CC&R's for any single family residential subdivision.

3.12.1 Financing for Parks. The construction of improvements to parks within the WRSP shall be financed from the payment by Landowner of the City-Wide and neighborhood park fees established for the F-55a Property.

3.12.1.1 Financing for Neighborhood Parks. Landowner's obligation for the construction of the neighborhood park sites within the WRSP shall be limited to payment by Landowner of neighborhood park fees.

The City agrees that the total amount to be financed by Landowner pursuant to this Section 3.12.1.1 for the design, construction and inspection of such neighborhood park improvements shall not exceed the amounts as set forth in this Agreement, and which amount is adjusted by the percentage change, annually on July 1, utilizing the Engineering News Record, Construction Cost Index for the United States 20-city average.

3.12.1.2 Maintenance District Financing. Pursuant to Section 3.19 below, Landowner shall support the annexation into the Community Facilities District - Public Services ("Services CFD") District defined therein. Among other things, the Services CFD shall be authorized to levy special taxes or assessments on the F-55a Property and to provide maintenance of parks.

3.12.2 Neighborhood Park Fee. Landowner shall pay a neighborhood park fee (the "Neighborhood Park Fee"), upon the issuance of each residential building permit within Parcel F-55a, to fund neighborhood park construction. Such Neighborhood Park Fee shall be \$3,122.00 per Low Density Residential unit, subject to annual adjustment, on July 1, based on the percentage change in the CCI. All such Neighborhood Park Fees shall be deposited into the applicable neighborhood park fee fund.

3.12.3 City-Wide Park Fee. Landowner shall pay a city-wide park fee (the "City-Wide Park Fee"), upon issuance of each residential building permit within Parcel F-55a, to fund City-wide park improvements. Such City-Wide Park Fee shall be \$2,509.00 per Low Density Residential unit, subject to annual adjustment, on July 1, based on the percentage change in the CCI.

3.12.4 Bike Trail Fee. Upon the issuance of each residential building permit within Parcel F-55a, Landowner shall pay a bike trail fee to fund Class 1 bike trail construction within the Specific Plan, including adjacent to the F-55a Property. Such bike trail fee shall be \$802.00 per Low Density Residential unit, subject to annual adjustment, on July 1, based on the percentage change in the CCI.

3.12.5 Entire Park Land Obligation. The City agrees that the provisions of the Specific Plan and the commitments contained herein satisfy Landowner's General Plan park obligations for the dedication and improvement of neighborhood and City-Wide parks and open space related to development of the F-55a Property.

3.13 School Fee Agreements. Landowner has entered or will enter into separate written agreements with the Roseville City School District and the Roseville Joint Union High School District (collectively "the Districts"), to mitigate the impacts of development of the F-55a Property on said Districts. Such agreements outline the timing

and delivery of school sites and the timing and obligation for school construction. With the execution thereof, City agrees that City shall process and approve any subdivision maps or other such entitlements for the F-55a Property and issue any building permits for development thereof consistent with the Entitlements.

3.14 Miscellaneous Public Facilities and Services.

3.14.1 Fire Tax Equivalent Fee. The Fire Service Construction Tax set forth in Chapter 4.46 of the Roseville Municipal Code is no longer in effect. Landowner or its respective successors shall pay a fee equal in amount to the discontinued Fire Service Construction Tax at issuance of building permit. Landowner hereby consents to and waives any objection to the imposition of such substitute fee.

3.14.2 Placer County Capital Facilities Fee. Landowner shall pay the Placer County Capital Facilities Fee adopted by the City, in the amount then being assessed by the City; provided, however, if such impact fee is not effective or is for any reason suspended by the City, then Landowner shall pay such fee in the amount previously and most recently assessed by the City. Such fee shall be paid upon the issuance of each building permit within the F-55a Property.

3.14.3 City Public Facilities Fee. Landowner shall pay the City Public Facilities Fee upon issuance of each building permit within the F-55a Property.

3.14.4 Public Benefit Fee. As partial consideration for this Agreement, to offset a portion of the impact of the Project, and to ensure that the Project will benefit current and future residents of Roseville, Landowner shall pay, upon issuance of each residential building permit within the F-55a Property, a Public Benefit Fee for each residential unit in the Project. The Public Benefit Fee for each low density residential unit shall be \$1,280. The Public Benefit Fee shall be subject to annual adjustment, on July 1, based on the percentage change in the CCI.

3.14.5 Liens, Encumbrances, Covenants, Conditions and Restrictions. Except as approved by City or provided for by this Agreement, all property to be conveyed in fee to City pursuant to this Agreement shall be free of any liens, financial encumbrances, special taxes, hazardous materials or assessments. Landowner shall, for each such conveyance, provide to City, at Landowner's expense, a current preliminary title report and preliminary site assessment for hazardous waste in a form approved by the City Attorney. Any policy of title insurance required by City shall be at City's expense.

3.14.6 Signage for Future Public Facilities. Landowner shall provide and install signage to alert residents along bike trails where they will abut residential property, per City specifications and applicable sign permits.

3.14.7 Library Facilities. Landowner agrees to participate and pay its fair share of the capital cost of library services in the event that the City should amend its current City-Wide Public Facilities fee to include library facilities or adopts any other equitable financing mechanism for the provision of library facilities.

3.14.8 Construction Waste. Landowner shall require construction contractors and subcontractors to reduce construction waste by recycling a minimum of 50% of construction materials or that all construction debris be delivered to the Placer County Western Regional Materials Recovery Facility where recyclable material will be removed. Landowner shall require that contractors and subcontractors submit to the City Environmental Utilities Department annual records of waste diversion and disposal in order to verify compliance with this requirement.

3.14.9 Air Quality Mitigation Fee. Landowner shall pay, upon issuance of each residential building permit in Parcel F-55a, an air quality mitigation fee in the amount of \$90.84 per dwelling unit. The City shall remit all payments to the Placer County Air Pollution Control District on or before January 30 of each calendar year until Parcel F-55a is built out.

3.14.10 Traffic Signal Coordination Fee. As partial consideration for this Agreement and to offset certain anticipated traffic impacts, Landowner shall pay a Traffic Signal Coordination Fee to coordinate traffic signals for improved traffic operations in the City. The fee shall be paid upon issuance of each building permit, in the amount of one hundred dollars (\$100) per dwelling unit.

3.14.11 Transit Shuttle Service Fee. Landowner shall pay the Transit Shuttle Service Fee to provide a shuttle service from the Specific Plan to the Watt Avenue/Interstate 80 light rail station. The fee shall be paid upon issuance of each building permit, in the amount of \$75.34 per dwelling unit equivalent, adjusted annually, on July 1, based on the percentage change in the CCI.

3.15 EIR Mitigation Measures. Notwithstanding any other provision in this Agreement to the contrary, as and when Landowner elects to develop the F-55a Property, Landowner shall be bound by, and shall perform, all mitigation measures contained in the EIR and the Addendum related to such development which are adopted by City and are identified in the mitigation monitoring plan or the EIR and Addendum as being a responsibility of Landowner, and shall be subject to any fees which may be enacted by City to implement any mitigation measures contained in the EIR and Addendum.

3.16 Waiver. In consideration of the benefits received pursuant to this Agreement, Landowner, on behalf of itself and its respective heirs, successors in

interests and assigns, waives any and all causes of action which it might have under the ordinances of the City of Roseville or the laws of the State of California or the United States with regard to any otherwise uncompensated or under-compensated conveyance or dedication of land or easements over the F-55a Property or improvements that are specifically provided for in this Agreement that are required in conjunction with changes to this Agreement or the Specific Plan that are requested by Landowner, or that are logically implied by this Agreement. This waiver shall not apply to any conveyances or dedications of land or easements that are not specifically contained in this Agreement and are subsequently desired by the City.

3.17 Community Facilities District – Public Facilities (Project Infrastructure).

3.17.1 Community Facilities District Applicable to the Property. The F-55a Property shall be subject to the applicable maximum special tax provided for Low Density Residential property in the Fiddymont Ranch CFD-1 Community Facilities District (CFD) that has been implemented for the purpose of financing the construction and/or acquisition of public infrastructure and facilities within the Fiddymont Ranch portion of the Specific Plan.

3.17.1.1 Landowner may utilize the Statewide Community Infrastructure Program (“SCIP”) program and/or the Bond Opportunities for Land Development (“BOLD”) program for any eligible impact fees.

3.18 [Reserved.]

3.19 Community Facilities District – Public Services (Services CFD). The Parcel F-55a Property lies within the boundaries of the City’s Public Services CFD (CFD #2) and is subject to the annual assessments of CFD #2 to provide the funds required for the performance of maintenance, monitoring and reporting obligations set forth in the formation documents of CFD #2.

3.20 Community Facilities District – Municipal Services. The F-55a Property lies within the boundaries of the City’s Municipal Services CFD (CFD #3) and is subject to the annual assessments of CFD #3 to provide the funds to pay for municipal services citywide, including the F-55a Property.

3.20.1 Public Parcel Exclusion. Landowner expressly agrees that parcels conveyed or to be conveyed to the City shall be excluded from any assessment, imposed by the Services CFD.

3.21 Encroachment Permits, Landscape Maintenance Easements. Landowner and City agree to grant encroachment permit(s) or maintenance easements for all Services CFD’s to Landowner or City or their agents, employees, successors, assigns,

agents and employees, for the purpose of entry into the landscape easement and setback areas or City property (including streets and rights-of-way) to perform the maintenance obligations described herein.

3.22 Grading Permit. Prior to the onset of any construction activities, the Landowner shall apply for and obtain a grading permit from the City. All plans shall meet or exceed the intent of the then approved City Standards. It is the Landowner's responsibility to meet all criteria of any outside agency for grading adjacent to or within the Open Spaces.

Mass grading and the bulk movement of earthen material is encouraged. Where practical, and at the direction of the City Engineer, a balanced mass grading plan shall be prepared for all that land within a disturbed water shed. Bulk material shall be moved on the onset of construction to ensure that future development sites balance, and reduce the amount of future on-street transportation of bulk material on newly paved and existing City roads. The fee referenced below shall not apply to hauling of earthen material crossing in a perpendicular manner, or parallel, to newly paved or existing City roads. In the event that bulk material is transported on or over newly paved and/or existing City roads (but not across in a perpendicular manner or parallel to such City roads), a premium of \$0.10 fee per yard of material shall be assessed at the issuance of the grading permit to compensate the City for deterioration of the road caused by the excessive loads, provided, however, that the Development Services Director shall have the discretion to waive such fee in recognition of particular circumstances, including environmental constraints, faced when hauling bulk movement of earthen material.

3.23 Disclosures to Subsequent Purchasers. This Agreement shall constitute notice to all successors to Landowner hereunder, and to all subsequent purchasers of any lots and/or residential units within the F-55a Property, of the following matters:

1. Designation of Fiddymment Road and Blue Oaks Boulevard as truck routes.
2. Designation of Philip Road, Hayden Parkway, Bob Doyle Drive and Market Street (on Placer Investors Property) as a temporary truck route until Philip Road and Blue Oaks Boulevard are connected.
3. The existence of a Development Agreement on the F-55a Property. However, this notice shall not extend to the purchaser of a completed individual single family residential unit.
4. Parcel F-55a will be served by surface water supplies and by groundwater supplies.

5. Recycled water will be used to irrigate parks and landscape setbacks, medians, paseos and other landscape areas including all multi-family and non-residential landscaping uses.
6. Requirement to implement water conservation measures per the project Water Conservation Plan (Exhibit "G"), which may include such measures as Smart Timers.
7. Public utility easements may be used to construct 60kV overhead electric lines along the west side of Fiddymment Road and on the north side of Blue Oaks Boulevard.
8. Exclusive utility easement within Pleasant Grove Boulevard may be used for high-pressure natural gas lines through the area to serve the Roseville Energy Park.
9. Requirement for fifty percent (50%) reduction in construction waste stream.
10. Location of the Pleasant Grove WWTP and associated facilities.
11. Location of the Roseville Energy Park.
12. Location of the Regional Soccer Complex.
13. Location of schools and parks within one mile.
14. Location of the off-leash dog park on Parcel F-54.
15. Parcels adjacent to Open Space may have a public bike trail and appurtenances adjacent to said parcels.
16. Potential for the proposed Placer Parkway on the west side of the Specific Plan.
17. Location of a retention basin on the Reason Farms property.
18. Location of well sites and water storage facilities.
19. Location of the recycled water tank site and pumping station facilities.

20. Location of solid waste recycling center.
21. Masonry walls adjacent to landscape corridors and other public facilities are owned by the City, which is responsible for their maintenance, repair and replacement.
22. Solar envelope impact: Landowner shall disclose to all residential and nonresidential buyers that certain properties, specifically those adjacent to major arterials and collector streets where City-maintained landscaping is installed, may impact the buyer's opportunity to install solar panels or structures or the efficiency or effectiveness of such solar panels or structures. And that this is primarily due to the trees within the street landscapes as being generally medium to large shade trees, which may cast shade, leaf litter, or other natural affects onto the adjacent property.
23. Demand cycle control units operated by Roseville Electric on residential air conditioner units.
24. Livestock grazing may occur within open space preserve areas.
25. Every residential unit is equipped with a recirculating hot water system, or similar technology to provide instantaneous hot water at each hot water faucet.

If Landowner records any F-55a Property CC&Rs, such CC&Rs shall include the foregoing disclosures and the foregoing disclosures shall not be omitted or deleted from the CC&Rs without the City Attorney's prior written approval.

ARTICLE 4. CITY OBLIGATIONS

4.1 City Cooperation. City agrees to cooperate with Landowner in securing all permits that may be required by City and, to the extent applicable, state and federal agencies. In the event State or Federal laws or regulations enacted after this Agreement has been executed, or action of any governmental jurisdiction, prevent, delay or preclude compliance with one or more provisions of this Agreement, or require changes in plans, maps or permits approved by City, the parties agree that the provisions of this Agreement shall be modified, extended or suspended as may be necessary to comply with such State and Federal laws or regulations or the regulations of other governmental jurisdictions. Each party agrees to extend to the other its prompt and reasonable cooperation in so modifying this Agreement or approved plans.

4.2 Applications for Permits and Entitlements.

4.2.1 Action by City. City agrees that it will accept, in good faith, for processing review and action, all applications for development permits or other entitlements for use of the F-55a Property in accordance with the Entitlements and this Agreement, and shall exercise its best efforts to act upon such applications in an expeditious manner.

4.2.2 Maps and Permits. Provided that the Public Services CFD and Maintenance Services CFD have been or will at the time of the requested final approval be formed and authorized to levy the special taxes against the applicable portion of the F-55a Property in accordance with this Agreement, and further provided that Landowner is not in default of this Agreement, City shall not refrain from approving final residential lot subdivision maps nor shall it cease to issue building permits, certificates of occupancy or final inspections for development of the F-55a Property that is consistent with the Entitlements. The acceptance, review and approval of any application for a final residential lot subdivision map, final non-residential subdivision map or building permit may be conditioned upon the petitions to annex the F-55a Property into the Public Services CFD and/or Maintenance Services CFD, as applicable. Prior to such formation and/or annexation, City shall accept, for review, processing and approval, consistent with the Entitlements, applications for tentative residential lot subdivision maps and for tentative and final parcel maps consistent with the Parcels described by the Specific Plan for the F-55a Property.

City acknowledges that under Government Code Section 66452.6, the term of a tentative subdivision map will be automatically extended for a period of time where a subdivider is obligated to install certain improvements located outside the boundaries of the subdivision. In determining the term of any tentative subdivision map approved by the City for the F-55a Property, or any portion thereof, and without limiting the effect of any other provisions of the Government Code dealing with map extensions, the City agrees that the CFD Improvements described hereunder shall be treated as such off-site improvements for purposes of applying Section 66452.6 of the Government Code.

A subdivision, as defined in Government Code Section 66473.7, shall not be approved unless any tentative map prepared for the subdivision complies with the provisions of said Section 66473.7; this provision is included in this Agreement to comply with Government Code Section 65867.5.

4.2.3 Personnel. Nothing in this Agreement shall be construed to require City to hire or retain personnel for the purposes of evaluating, processing or reviewing applications for permits, maps or other entitlements or for the design, engineering or construction of public facilities in excess of those for which provision is made in the

normal and customary budgeting process or fee schedules of City.

4.3 Subdivision Map Act Waiver. Notwithstanding any other provisions of this Agreement, or of Sections 66452.1, 66452.2, 66456.2 and 66458, of the Government Code (or any successor or replacement statute), Landowner expressly waives the time limits for review and approval by City of tentative subdivision maps to the extent that each such period does not exceed one hundred fifty (150) calendar days beyond the time otherwise provided by law, unless Landowner and City mutually agree to another time limit.

4.4 Limited Waiver of Protest Rights. In conjunction with any proceedings creating an assessment district or other applicable financing mechanism for which provision is made in this Agreement, Landowner waives herewith any right to protest which it may have under Section 2825 of the Streets and Highways Code to the extent that such protest would arise under Section 2825(a) through 2825(f) and Section 2825(h); but expressly retains the right of protest with respect to Section 2825(g).

4.5 Moratorium, Quotas, Restrictions or Other Growth Limitations. Subject to applicable law relating to the vesting provisions of development agreements, Landowner and City intend that except as otherwise provided herein, this Agreement shall vest the Entitlements against subsequent City resolutions, ordinances, growth control measures and initiatives or referenda, other than a referendum that specifically overturns City's approval of the Entitlements, that would directly or indirectly limit the rate, timing or sequencing of development, or would prevent or conflict with the land use designations, permitted or conditionally permitted uses on the F-55a Property, design requirements, density and intensity of uses as set forth in the Entitlements, and as further set forth in Section 2.4.1 above, and that any such resolution, ordinance, initiative or referendum shall not apply to the Entitlements and the F-55a Property. Notwithstanding any other provision of this Agreement, Landowner shall, to the extent allowed by the laws pertaining to development agreements, be subject to any growth limitation ordinance, resolution, rule, regulation or policy which is adopted and applied on a uniform, City-Wide basis and directly concerns an imminent public health or safety issue. In such case, City shall apply such ordinance, resolution, rule, regulation or policy uniformly, equitably and proportionately to Landowner and the F-55a Property and to all other public or private owners and properties directly affected thereby. By way of example only, an ordinance which would preclude the issuance of a building permit due to a City-Wide lack of adequate sewage treatment capacity to meet additional demand would directly concern an imminent public health issue under the terms of this paragraph and would support a denial of a building permit within the F-55a Property or anywhere else in the City if approval would require additional sewage treatment capacity. However, an effort to limit the issuance of building permits because of a general increase in traffic congestion levels in the City would not be deemed to directly concern an imminent public health or safety issue under the terms of this

paragraph.

4.6 Subsequent Proposed Development. City and Landowner acknowledge that the terms of this Agreement provide for substantial financial commitments by Landowner to ensure that Parcel F-55a development results in a net positive fiscal effect on the City and its residents. City agrees to use its best efforts to assure that the development agreements in connection with any subsequent annexation and associated specific plan shall be subject to financial commitments of the same or greater magnitude as those made by Landowner under this Agreement, to the extent allowed by law. This provision shall not apply to development of infill areas within the City.

4.7 Essence of Agreement. Articles 2, 3, 4, 5 and 6 are the essence of this Agreement.

ARTICLE 5. DEFAULT, REMEDIES, TERMINATION

5.1 General Provisions. Subject to extensions of time by mutual consent in writing, failure or unreasonable delay by either party to perform any term or provisions of this Agreement shall constitute a default. In the event of alleged default or breach of any term or condition of this Agreement, the party alleging such default or breach shall give the other party not less than thirty (30) calendar days' notice in writing specifying the nature of the alleged default and the manner in which said default may be satisfactorily cured. During any such thirty (30) calendar day period, the party charged shall not be considered in default for purposes of termination or institution of legal proceedings.

After notice and expiration of the thirty-day period, the other party to this Agreement at its option may institute legal proceedings pursuant to this Agreement or give notice of intent to terminate the Agreement pursuant to California Government Code Section 65868 and regulations of City implementing said Government Code Section. Following notice of intent to terminate, the matter shall be scheduled for consideration and review by the City Council within thirty (30) calendar days in the manner set forth in Government Code Sections 65865, 65867 and 65868 and City regulations implementing such Sections.

Following consideration of the evidence presented in said review before the City Council, either party alleging the default by the other party may give written notice of termination of this Agreement to the other party.

Evidence of default may also arise in the course of a regularly scheduled periodic review of this Agreement pursuant to Government Code Section 65865.1. If either party determines that the other party is in default following the completion of the normally scheduled periodic review, said party may give written notice of default of this

Agreement as set forth in this section, specifying in said notice the alleged nature of the default, and potential actions to cure said default and shall specify a reasonable period of time in which such default is to be cured. If the alleged default is not cured within thirty (30) calendar days or within such longer period specified in the notice, or if the defaulting party waives its right to cure such alleged default, the other party may terminate this Agreement.

No building permit shall be issued or building permit application accepted for any structure on the F-55a Property if the permit applicant owns and controls any property subject to this Agreement, and if such applicant or entity or person controlling such applicant is in default of the terms of this Agreement.

5.2 Annual Review. City shall, at least every twelve (12) months, per Roseville Municipal Code Chapter 19.84, as such period may be amended, during the term of this Agreement, review the extent of good faith substantial compliance by Landowner with the terms of this Agreement. Such periodic review shall be limited in scope to compliance with the terms of this Agreement pursuant to Section 65865.1 of the Government Code and the monitoring of mitigation in accordance with Section 21081.6 of the Public Resources Code of the State of California. Notice of such review shall include the statement that any review of obligations of Landowner as set forth in this Agreement may result in termination of this Agreement. A finding by City of good faith compliance by Landowner with the terms of the Agreement shall be conclusive with respect to the performance of Landowner during the period preceding the review. Landowner shall be responsible for the cost reasonably and directly incurred by the City to conduct such review, the payment of which shall be due within thirty (30) calendar days after conclusion of the review and receipt from the City of the bill for such costs.

Upon not less than thirty (30) days written notice by the City, Landowner shall provide such information as may be reasonably requested and deemed to be required by the City in order to ascertain compliance with this Agreement.

In the same manner prescribed in Article 10, the City shall deposit in the mail to Landowner a copy of all staff reports and related exhibits concerning contract performance and, to the extent practical, at least ten (10) calendar days prior to any such periodic review. Landowner shall be permitted an opportunity to be heard orally or in writing regarding its performance under this Agreement before the City Council or, if the matter is referred to the Planning Commission, before the Planning Commission.

If City takes no action within thirty (30) calendar days following the hearing required under Roseville Municipal Code Section 19.84.080, or any successor thereof or amendment thereto, Landowner shall be deemed to have complied in good faith with the provisions of the Agreement.

5.3 Enforced Delay, Extension of Times of Performance. In addition to specific provisions of this Agreement, performance by either party hereunder shall not be deemed to be in default where delays or default are due to war, insurrection, strikes, walkouts, riots, floods, drought, earthquakes, fires, casualties, acts of God, acts of terrorism, governmental restrictions imposed or mandated by other governmental entities, enactment of conflicting state or federal laws or regulations, new or supplementary environmental regulation, litigation, or similar bases for excused performance. If written notice of such delay is given to City within thirty (30) calendar days of the commencement of such delay, an extension of time for such cause shall be granted in writing for the period of the enforced delay, or longer as may be mutually agreed upon.

5.4 Legal Action. In addition to any other rights or remedies, either party may institute legal action to cure, correct or remedy any default, to enforce any covenant or agreement herein, or to enjoin any threatened or attempted violation. Provided, however, that the Landowner, its successors and assigns hereby waive any and all claims for monetary damages against City arising out of this Agreement at any time. All legal actions shall be initiated in the Superior Court of the County of Placer, State of California, or in the Federal District Court in the Eastern District of California.

5.5 Effect of Termination. If this Agreement is terminated following any event of default of Landowner or for any other reason, such termination shall not affect the validity of any building or improvement within the F-55a Property which is completed as of the date of termination, provided that such building or improvement has been constructed pursuant to a building permit issued by the City. Furthermore, no termination of this Agreement shall prevent Landowner from completing and occupying any building or other improvement authorized pursuant to a valid building permit previously issued by the City that is under construction at the time of termination, provided that any such building or improvement is completed in accordance with said building permit in effect at the time of such termination.

5.6 Applicable Law and Attorneys' Fees. This Agreement shall be construed and enforced in accordance with the laws of the State of California. Should any legal action be brought by either party for breach of this Agreement, or to enforce any provisions herein, the prevailing party to such action shall be entitled to reasonable attorneys' fees, court costs and such other costs as may be fixed by the Court.

ARTICLE 6. HOLD HARMLESS AGREEMENT

Landowner and its successors-in-interest and assigns, hereby agrees to, and shall defend and hold City, its elective and appointive boards, commissions, officers, agents, and employees harmless from any liability for damage or claims for damage for

personal injury, or bodily injury including death, as well as from claims for property damage which may arise from the operations of Landowner, or of Landowner's contractors, subcontractors, agents, or employees under this Agreement, whether such operations be by Landowner, or by any of Landowner's contractors or subcontractors, or by any one or more persons directly or indirectly employed by, or acting as agent for, Landowner or Landowner's contractors or subcontractors, unless such damage or claim arises from the negligence or willful misconduct of City. The foregoing indemnity obligation of Landowner shall not apply to any liability for damage or claims for damage with respect to any damage to or use of any public improvements after the completion and acceptance thereof by City. In addition to the foregoing indemnity obligation, Landowner agrees to and shall defend, indemnify and hold City, its elective and appointive boards, commissions, officers, agents and employees harmless from any suits or actions at law or in equity arising out of the execution, adoption or implementation of this Agreement, exclusive of any such actions brought by Landowner, its successors-in-interests or assigns. City acknowledges hereby that the foregoing liability of Landowner shall be limited to its interest in the F-55a Property and that neither Landowner nor any of its partners, officers, shareholders, employees or agents shall have any personal liability therefore.

ARTICLE 7. PROJECT AS A PRIVATE UNDERTAKING

It is specifically understood and agreed by and between the parties hereto that the subject project is a private development. No partnership, joint venture or other association of any kind is formed by this Agreement.

ARTICLE 8. COOPERATION IN THE EVENT OF LEGAL CHALLENGE

In the event of any legal action instituted by a third party or other governmental entity or official challenging the validity of any provision of this Agreement, the parties hereby agree to cooperate in defending said action.

ARTICLE 9. GENERAL

9.1 Enforceability. The City agrees that unless this Agreement is amended or canceled pursuant to the provisions of this Agreement and the Adopting Ordinance, this Agreement shall be enforceable by any party hereto notwithstanding any change hereafter in any applicable general plan, specific plan, zoning ordinance, subdivision ordinance or building regulation adopted by City, or by initiative, which changes, alters or amends the rules, regulations and policies applicable to the development of the F-55a Property at the time of approval of this Agreement, as provided by Government Code Section 65866.

9.2 City Finding. The City hereby finds and determines that execution of this Agreement is in the best interest of the public health, safety and general welfare and is consistent with the General Plan.

9.3 Third Party Beneficiaries. This Agreement is made and entered into for the sole protection and benefit of Landowner and City and their successors and assigns, no other person shall have any right of action based upon any provision in this Agreement.

9.4 Severability. Except as set forth herein, if any term, covenant or condition of this Agreement or the application thereof to any person, entity or circumstance shall, to any extent, be invalid or unenforceable, the remainder of this Agreement, or the application of such term, covenant or condition to persons, entities or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby and each term, covenant or condition of this Agreement shall be valid and be enforced to the fullest extent permitted by law; provided, however, if any provision of this Agreement is determined to be invalid or unenforceable and the effect thereof is to deprive a party hereto of an essential benefit of its bargain hereunder, then such party so deprived shall have the option to terminate this entire Agreement from and after such determination.

9.5 Construction. This Agreement shall be subject to and construed in accordance and harmony with the Roseville Municipal Code, as it may be amended, provided that such amendments do not impair the rights granted to the parties by this Agreement.

9.6 Other Necessary Acts. Each party shall execute and deliver to the other all such other further instruments and documents as may be reasonably necessary to carry out this Agreement in order to provide and secure to the other party the full and complete enjoyment of its rights and privileges hereunder.

9.7 Estoppel Certificate. Either party may, at any time, and from time to time, deliver written notice to the other party requesting such party to certify in writing that, to the knowledge of the certifying party, (i) this Agreement is in full force and effect and a binding obligation of the parties, (ii) this Agreement has not been amended or modified either orally or in writing, or if so amended, identifying the amendments, and (iii) the requesting party is not in default in the performance of its obligations under this Agreement, or if in default, to describe therein the nature of such default. The party receiving a request hereunder shall execute and return such certificate within thirty (30) calendar days following the receipt thereof. City acknowledges that a certificate hereunder may be relied upon by transferees and mortgagees of Landowner.

9.8 Mortgagee Protection. The parties hereto agree that this Agreement shall

not prevent or limit Landowner, in any manner, at Landowner's sole discretion, from encumbering the F-55a Property or any portion thereof or any improvement thereon by any mortgage, deed of trust or other security device securing financing with respect to the Property, except as limited by the provisions of this section. City acknowledges that the lenders providing such financing may require certain Agreement interpretations and modifications and agrees upon request, from time to time, to meet with Landowner and representatives of such lenders to negotiate in good faith any such request for interpretation or modification. City will not unreasonably withhold its consent to any such requested interpretation or modification provided such interpretation or modification is consistent with the intent and purposes of this Agreement. Any Mortgagee of the Property shall be entitled to the following rights and privileges:

- a. Neither entering into this Agreement nor a breach of this Agreement shall defeat, render invalid, diminish or impair the lien of any mortgage on the F-55a Property made in good faith and for value, unless otherwise required by law.
- b. The Mortgagee of any mortgage or deed of trust encumbering the F-55a Property, or any part thereof, which Mortgagee has submitted a request in writing to City in the manner specified herein for giving notices, shall be entitled to receive written notification from City of any default by Landowner in the performance of Landowner's obligations under this Agreement.
- c. If City receives a timely request from a Mortgagee requesting a copy of any notice of default given to Landowner under the terms of this Agreement, City shall provide a copy of that notice to the Mortgagee within ten (10) calendar days of sending the notice of default to Landowner. The Mortgagee shall have the right, but not the obligation, to cure the default during the remaining cure period allowed to Landowner under this Agreement.
- d. Any Mortgagee who comes into possession of the F-55a Property, or any part thereof, by any means, whether pursuant to foreclosure of the mortgage or deed of trust, or deed in lieu of such foreclosure or otherwise, shall take the F-55a Property, or part thereof, subject to the terms of this Agreement. Notwithstanding any other provision of this Agreement to the contrary, no Mortgagee shall have an obligation or duty under this Agreement to perform any of Landowner's obligations or other affirmative covenants of Landowner hereunder, or to guarantee such performance; provided, however, that to the extent that any covenant to be performed by Landowner is a condition precedent to the performance of a covenant by City, the performance thereof shall continue to be a

condition precedent to City's performance hereunder, and further provided that any sale, transfer or assignment by any Mortgagee in possession shall be subject to the provisions of Article 11 of this Agreement.

ARTICLE 10. NOTICES

All notices required by this Agreement, the enabling legislation, or the procedure adopted pursuant to Government Code Section 65865, shall be in writing and delivered in person or sent by certified mail, postage prepaid.

Notice required to be given to the City shall be addressed as follows:

Development Services Director
City of Roseville
311 Vernon Street
Roseville, California 95678

With a copy to:

City Attorney
City of Roseville
311 Vernon Street
Roseville, California 95678

Notice required to be given to the Landowner shall be addressed as follows:

West Roseville, LLC
1420 Rocky Ridge Drive, Suite 265
Roseville, CA 95661
Attention: Jeff Jones

With a copy to:

Marcus J. Lo Duca, Esq.
Law Office of Marcus J. Lo Duca, P.C.
3200 Douglas Boulevard, Suite 300
Roseville, CA 95661

Any of the parties may change the address stated herein by giving notice in writing to the other parties, and, thereafter, notices shall be addressed and delivered to the new address.

ARTICLE 11. ASSIGNMENT

From and after recordation of this Agreement against the F-55a Property, Landowner shall have the full right to assign this Agreement as to the F-55a Property, or any portion thereof, in connection with any sale, transfer or conveyance thereof, and upon the express written assignment by Landowner and assumption by the assignee of such assignment in the form attached hereto as Exhibit "L" and the conveyance of Landowner's interest in the F-55a Property related thereto, Landowner shall be released from any further liability or obligation hereunder related to the portion of the Property so conveyed and the assignee shall be deemed to be the "Landowner", with all rights and obligations related thereto, with respect to such conveyed property.

ARTICLE 12. FORM OF AGREEMENT, EXHIBITS

This Agreement is executed in two duplicate originals, each of which is deemed to be an original. This Agreement, inclusive of its Recitals and Exhibits, constitutes the entire understanding and agreement of the parties.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attested to by its City Clerk under the authority of Ordinance No.____, adopted by the Council of the City of Roseville on the ____day of _____, 2020.

CITY OF ROSEVILLE,
a municipal corporation

By: _____
Dominick Casey
City Manager

LANDOWNER:

WEST ROSEVILLE, LLC,
a California limited liability company

By:  _____
Jeff Jones
Manager

ATTEST:

By: _____
Sonia Orozco
City Clerk

APPROVED AS TO FORM:

By: _____
Robert R. Schmitt
City Attorney

APPROVED AS TO SUBSTANCE:

By:  _____
Mike Isom
Development Services Director

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Placer)

On March 3, 2020 before me, C. Graeff, Notary Public,
(insert name and title of the officer)

personally appeared Jeff Jones,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

WITNESS my hand and official seal.

Signature C Graeff (Seal)



LIST OF EXHIBITS

Exhibit A	Parcel F-55a Property Legal Description
Exhibit B	Parcel F-55a Property Map
Exhibit C	Land Use Plan for Parcels F-55a, F-55b, F-20b, F-86b, F-86c, W-60a
Exhibit D	Specific Plan Land Use Plan
Exhibit D-1	RS/DS Development Standards
Exhibit E	Blue Oaks Boulevard Frontage Improvements
Exhibit F	Sewer Facilities
Exhibit G	Water Conservation Plan
Exhibit H	Water Facilities
Exhibit I	Recycled Water Facilities
Exhibit J	Drainage Facilities
Exhibit K	Electric Utility Improvements
Exhibit L	Sample Assignment and Assumption Agreement

EXHIBIT "A"
PARCEL F-55a PROPERTY LEGAL DESCRIPTION

All that real property situated in the City of Roseville, County of Placer, State of California located within Section 24, Township 11 North, Range 5 East, Mount Diablo Meridian and being further described as follows:

Beginning at a 2" brass disk stamped LS 3923 at the North 1/16 corner between Section 23 and Section 24 as shown and so designated on the Final Map of Fiddymont Ranch Phase 2A, filed for record September 22, 2017 in Book DD of Maps at Page 88, Placer County Records; thence from the **POINT OF BEGINNING** and along the common line between said Sections 23 and 24, North 00°16'29" West a distance of 160.13 feet; thence leaving said common line for the following twenty (20) arcs, courses and distances:

1. North 44°46'50" East a distance of 665.14 feet to a point of curvature;
2. from a radial line which bears South 25°59'46" West, 541.43 feet along the arc of a non-tangent 2050.00 foot radius curve to the left through a central angle of 15°07'57";
3. South 79°08'11" East a distance of 30.00 feet;
4. South 10°51'49" West a distance of 57.63 feet;
5. South 00°18'24" East a distance of 978.78 feet;
6. South 89°41'36" West a distance of 83.67 feet;
7. South 00°01'52" West a distance of 218.76 feet;
8. South 30°24'36" West a distance of 19.39 feet;
9. South 30°24'36" West a distance of 115.80 feet;
10. South 67°00'02" West a distance of 41.54 feet;
11. South 35°39'43" West a distance of 69.80 feet;
12. North 61°17'40" West a distance of 98.27 feet;
13. North 35°57'31" East a distance of 242.73 feet;
14. South 79°42'58" East a distance of 62.04 feet;
15. North 00°01'52" East a distance of 40.61 feet;
16. North 80°40'12" West a distance of 143.81 feet;
17. South 17°42'06" West a distance of 59.10 feet;
18. North 72°17'54" West a distance of 126.46 feet;
19. North 53°21'39" West a distance of 175.71 feet;
20. North 66°20'40" West a distance of 210.95 feet;
21. North 46°26'12" West a distance of 164.78 feet;
22. North 19°57'15" West a distance of 259.81 feet;
23. North 39°29'14" West a distance of 85.44 feet;
24. North 72°55'07" West a distance of 13.19 feet; and
25. North 00°16'11" West a distance of 92.43 feet to the Point of Beginning.

Containing 24.267 acres of land, more or less.

18424.PH4.F55

01/03/2020

RMP

See Exhibit "B", plat to accompany description, attached hereto and made a part hereof.

This legal description was prepared by me or under my supervision pursuant to Section 8729 (2) of the Professional Land Surveyors Act.

Robert M. Plank, PLS 5760
License Expiration Date: 06-30-20

Date: _____



Description prepared by:
MACKAY & SOMPS CIVIL ENGINEERS, INC.
1025 Creekside Ridge Dr., Suite 150, Roseville, CA 95678
P:\18424\survey-MS\mapping\desc\F-55a Dev. Agreement\Exhibit A-1.docx

CITY OF ROSEVILLE
DOC# 1999-0081607

FIDDYMENT RANCH PHASE 2 LARGE
LOT SUBDIVISION
BB MAPS 24
DESIGNATED REMAINDER

BLUE OAKS BOULEVARD

PARCEL F-55A

LOT 1
BB MAPS 88

HAYDEN PARKWAY

AA MAPS 53
VILLAGE 5

LOT 2
BB MAPS 88

LOT 6
AA MAPS 10

RESULTANT LOT 7
DOC# 2014-0059742

P.O.B.

LEGEND

-  1/16 CORNER
-  SECTION CORNER
-  P.O.B. POINT OF BEGINNING



SHEET 1 OF 1

EXHIBIT "B"

PARCEL F-55a PROPERTY MAP
WESTPARK

SECTION 24, T. 11 N., R. 5 E., M.D.M.
CITY OF ROSEVILLE

COUNTY OF PLACER

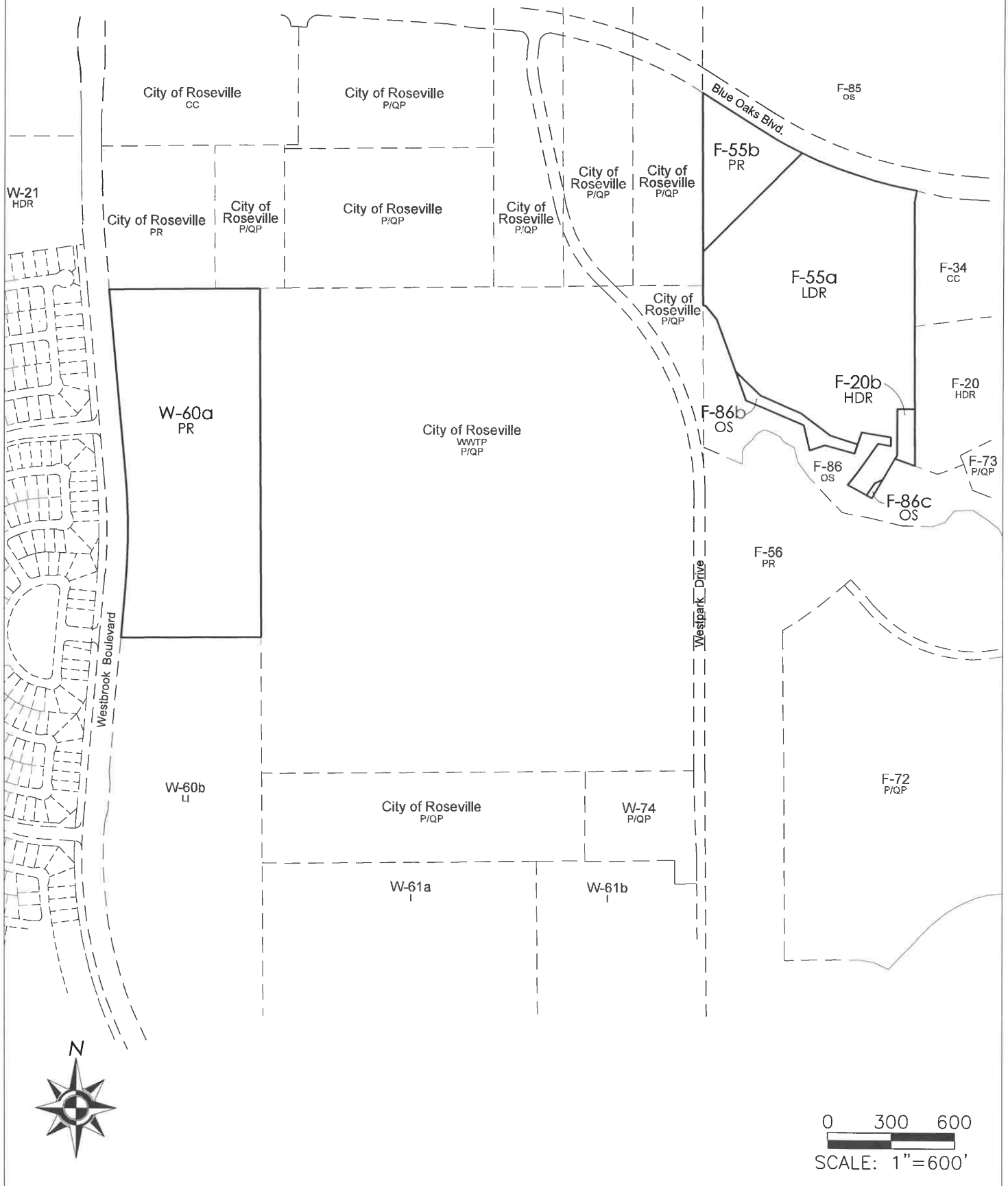
STATE OF CALIFORNIA

Mackay & Somps
ENGINEERS PLANNERS SURVEYORS
1025 Creekside Ridge Drive, Suite 150, Roseville, CA 95678 (916) 773-1189

IF A DISCREPANCY EXISTS BETWEEN THIS EXHIBIT AND THE ASSOCIATED DESCRIPTION,
THE DESCRIPTION HOLDS. THIS EXHIBIT IS FOR GRAPHIC PURPOSES ONLY.

RMP	1"= 400'	01/06/2020	18424.PH4.F55
DRAWN BY	SCALE	DATE	JOB NO.

Parcels F-55a F-55b, F-20b, F-86b, F-86c, & W-60a



The map displays the following police stations and jurisdictions:

- W-1 LDR**
- W-2 LDR**
- W-3 LDR**
- W-4 LDR**
- W-5 LDR**
- W-6 LDR**
- W-7 LDR**
- W-8 LDR**
- W-9 LDR**
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- W-12 LDR**
- W-13 LDR**
- W-14 LDR**
- W-15 LDR**
- W-16 HDR**
- W-17E LDR**
- W-17C LDR**
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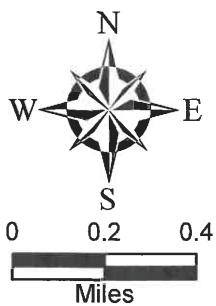


EXHIBIT D-1: RS/DS Development Standards

	Single Family (with attached sidewalk)
Lot Size (minimum)	
Area, Interior Lot	3,600 sq. ft.
Area, Corner Lot	4,400 sq. ft.
Width, Interior	45 ft.
Width, Corner	55 ft.
Permitted Density (maximum per lot)	
Residential Density	1 dwelling; 1 second unit
Setbacks (minimum) See Chapter 19.22 of Zoning Ordinance for accessory structure setbacks	
Front ¹	15 ft. to living space and side wall of garage; 18 ft. minimum driveway depth with roll-up garage
Sides	5 ft. interior; 12.5 ft. street side on corner
Rear ²	10 ft. minimum with minimum useable open space of 450 s.f.
Coverage (maximum)	
Site Coverage	None ²
Height (maximum)	
Height Limit	35 ft.

1. Front setback measured from back of walk.

2. The rear and side yards may be utilized to meet the minimum usable open space provided the minimum dimension, measured perpendicular to the applicable rear or side yard lot is ten (10) feet. Maximum coverage is a function of lot size, required setbacks and useable open space.

Exhibit E: Blue Oaks Boulevard Frontage Improvements

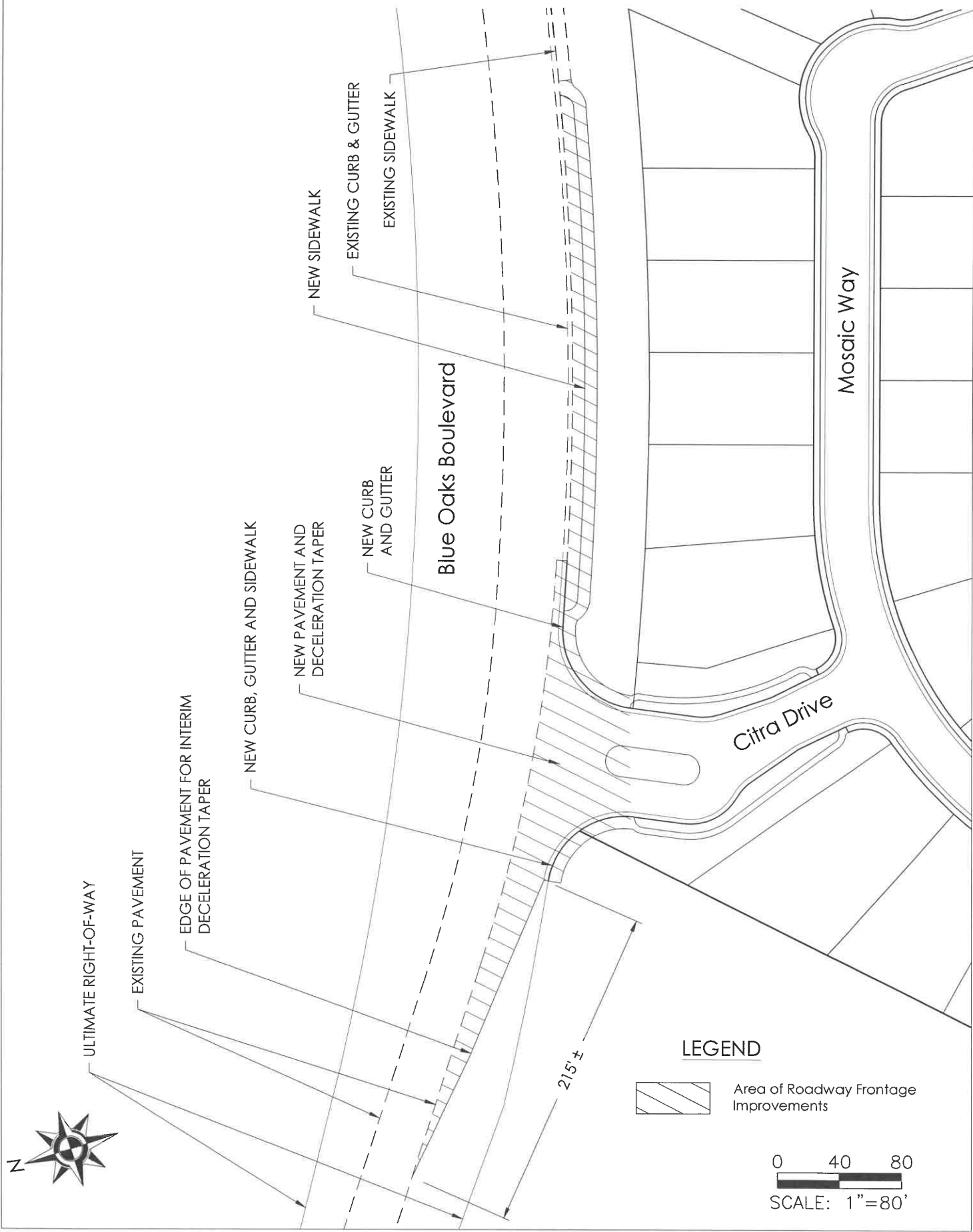


Exhibit F: Sewer Facilities

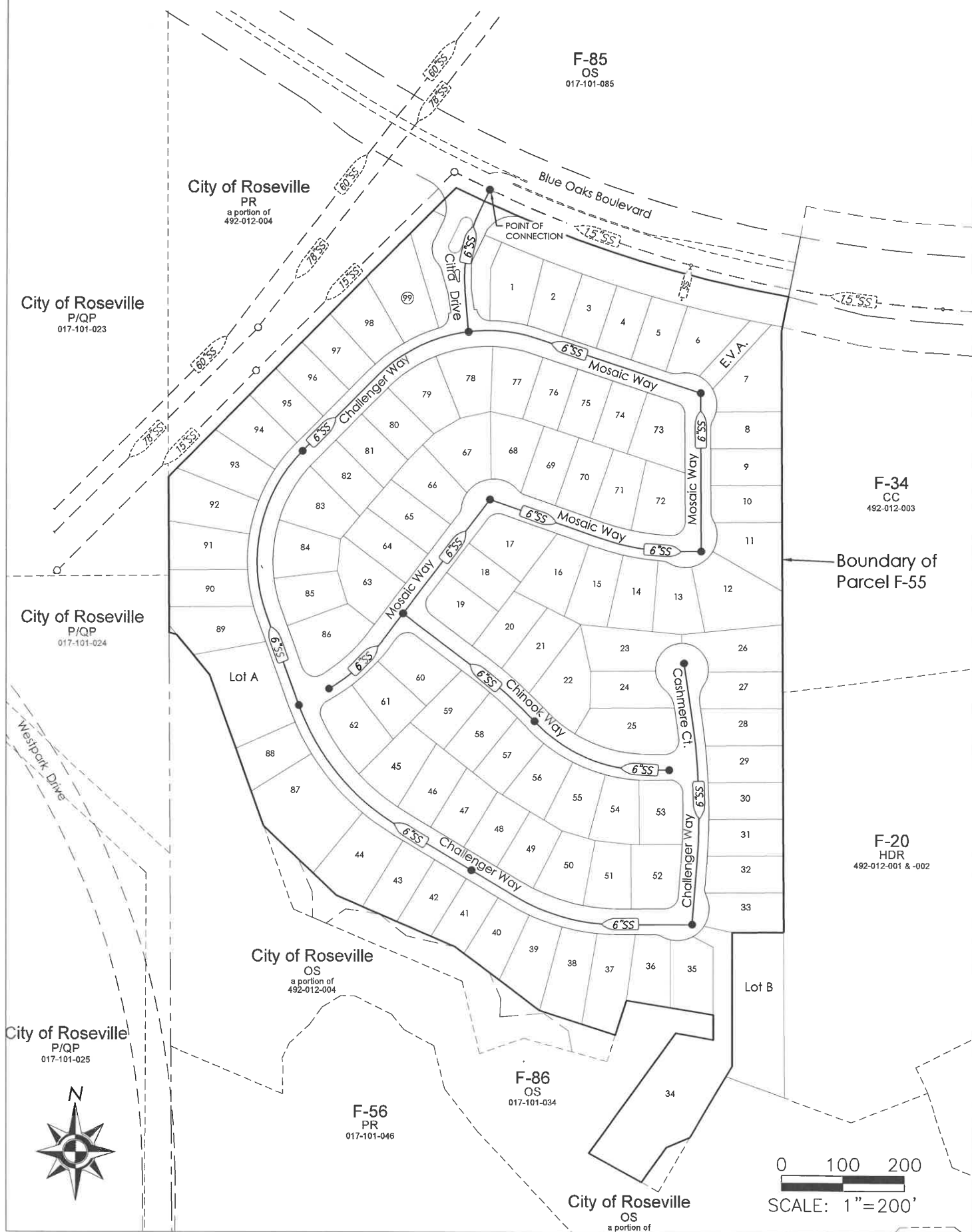


Exhibit G: Water Conservation Plan

Water Conservation Methods

Various methods were analyzed to determine a quantifiable savings in water demand. These methods include limitations on turf areas, using smart weather irrigation controllers, using recirculating hot water systems, using low flow toilets, and low flow lavatory and kitchen faucets.

Landscape Turf Reduction

The most effective and cost efficient way to reduce water demand is by limiting the use of turf and replacing turf with low water use plants. According to the Fair Oaks Horticulture Center, water efficient plants use approximately 65%-75% less irrigation water than turf. This Plan assumes that low water use plants use 70% less water than turf.

The reduced irrigation demand is primarily accounted for by the use of drip irrigation or other low water spray heads that contribute to the irrigation of a single shrub or multiple smaller plants. These types of irrigation systems eliminate overspray typical of traditional spray heads. It is also important that the shrub and plant selection are low water users.

Baseline turf area was determined for each type of land use. The area of turf was then reduced and replaced with low water use plants. It is estimated that 30% of the total front yard area is non-irrigated hardscape and 70% is irrigated landscape. For example, front yard residential turf as a function of total front yard irrigated landscaped area (excluding hardscape) is assumed to be 70% for the baseline case. Restricting turf area to 40% of total front yard irrigated landscaping and replacing the remaining 30% area with low water use plants results in significant water savings. See Diagram #1 for a detailed example of front yard turf and planting areas.

To estimate water savings as a result of turf reductions, a turf reduction factor is established to represent the water demand based on the relationship between the area of original turf and the turf limitation to be implemented in the project area with additional low water use plants.

For residential front yards the developer and builder are responsible for landscaping whereas individual home owners are responsible for backyard landscaping. Therefore, it is assumed that only the developer and builder can directly influence water demand within the front yards and not in the residential backyards. Backyards were not analyzed for turf reduction as the landscape material decision and design is the responsibility of the individual home owner and not the developer or builder.

Front yard residential turf reduction is only one component of overall turf irrigation. Similarly, turf at parks and paseos also contribute to significant irrigation demand. The analysis conducted in this TM reduces park turf from 80% of the park parcel to 60%. Additionally, paseos see a reduction in turf area to 30% of total landscape area. In each scenario low water use plants replace the area of reduced turf. By limiting turf in front yards, high density residential land uses, parks, and paseos, total irrigation demand can be reduced by 24% when excluding backyard irrigation.

Smart Weather Irrigation Controller

Typical irrigation controllers used in most landscape irrigation installations are timer based where run times are determined by the owner, tenant, professional landscape service, or property manager. Many users irrigate without the background knowledge or science behind irrigation principals. As a result many landscape areas are over watered. Smart irrigation controllers use algorithms to analyze soil conditions and weather to determine proper irrigation run times.

The US Bureau of Reclamation issued the technical memorandum, Summary of Smart Controller "Water Savings Studies" (USBR memorandum), dated April 2008. The USSR memorandum summarizes fourteen weather based controllers, nine soil moisture based controllers, and two weather and soil moisture based controllers. As part of this Plan, the use of weather based smart irrigation controllers are used to reduce irrigation demand. For weather based controllers the studies in the USSR memorandum have associated water savings of between 7% and 41 %.

This Plan assigns a 20% water savings with the use of weather based smart irrigation controllers. Initial installation of smart irrigation controllers in all buildings and residences would be necessary to realize savings. Participation by all property owners results in 20% less irrigation demand.

The weather based smart irrigation controllers still require users to program their controller to their own satisfaction without the extensive knowledge of extensive landscape irrigation concepts. The use of combination weather based and soil moisture based controllers will likely yield additional water savings. Water savings analysis for these types of controllers is fairly limited and requires additional initial investment.

It is important for builders to install smart water controllers that are capable of expansion and provide wiring for easy installation and connection to backyard landscape irrigation system. Without this convenience, home owners may purchase and install more convenient water irrigation controllers that are less expensive and forgo water conservation features.

Hot Water Recirculating Pumps

Recirculating hot water pumps circulate hot water from the water heater through a loop in a home to near faucets and other hot water demand points. This allows for near instantaneous hot water without having to flow cold water through the pipes for hot water to arrive from the water heater. Fiddymont Ranch, which is part of the West Roseville Specific Plan already requires residences to be installed with a recirculating hot water pump or similar water conservation device.

This Plan assumes the average distance between the water heater and the hot water demand source is approximately 50 feet. The pipe is typically ¾" diameter. Therefore the average draw per hot water demand is 1.1 gallons of cold water before the hot water arrives at the demand point. This method assumes that each dwelling unit produces an average of six draws of hot water per day. The use of hot water recirculating pumps would result in water savings.

Low Flow Toilets

The 2007 California Plumbing Code requires water closets to consume not more than 1.6 gallons per flush. There is however a number of toilets available on the market that use less water per flush. Low flow toilets typically use 1.1 gallons per flush while ultra-low flow toilets can use 0.8 gallons per flush. Low flow toilets use compressed air within the toilet bowl to effectively flush.

Residential toilet use represents 13% of the typical residential water use. This Plan assumes that toilets would use a maximum of 1.28 gallons per flush or are 20% more water efficient than conventional 1.6 gallon per flush toilets. The use of low flow toilets not exceeding 1.28 gallons per flush would result in water savings.

Low Flow Lavatory & Kitchen Faucets

Per the City of Roseville, the Energy Policy Act of 1992 provides standards for water efficiency plumbing. This water standard represents the baseline water usage of lavatory and kitchen faucets at 2.2 gallons per minute. Today, water efficient lavatory and kitchen faucets can be provided with usages of less than 1.5 gallons per minute. The flow rate of these faucets is typically 32% less than the baseline flow rate.

The typical residential water use for lavatory and kitchen faucet represents 10% of the typical residential water use. This Plan assumes water savings of utilizing faucets that produce 1.5 gallons per minute flow rates as saving 10% in faucet demand. Although the flow rate is nearly a third less than the baseline flow rate, some water user demand will be based on total volume needs. For example, a user would fill a pot for boiling water or water glass full regardless of flow rate.

DIAGRAM #1: Front Yard Irrigation Turf / Planting Area

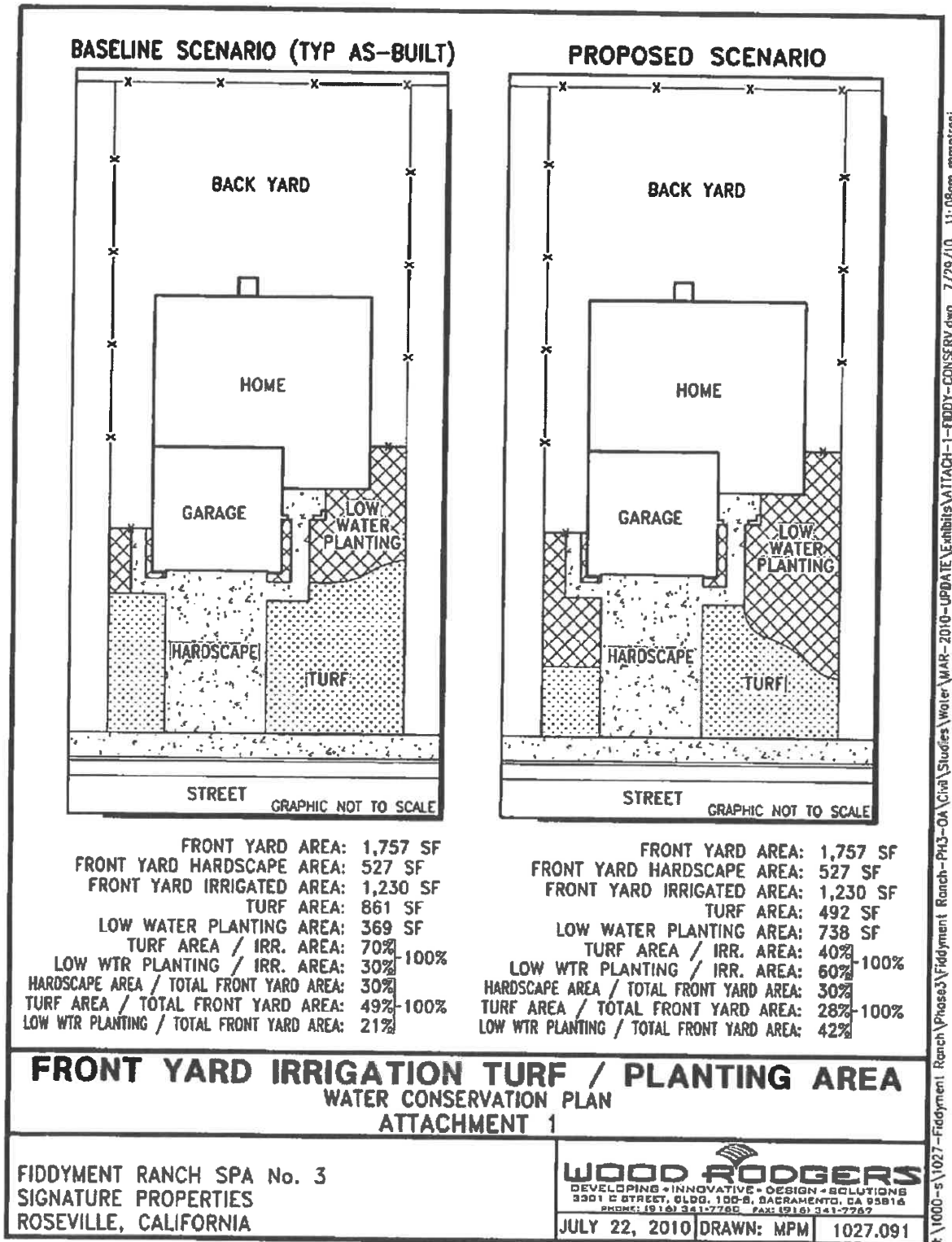


Exhibit H: Water Facilities

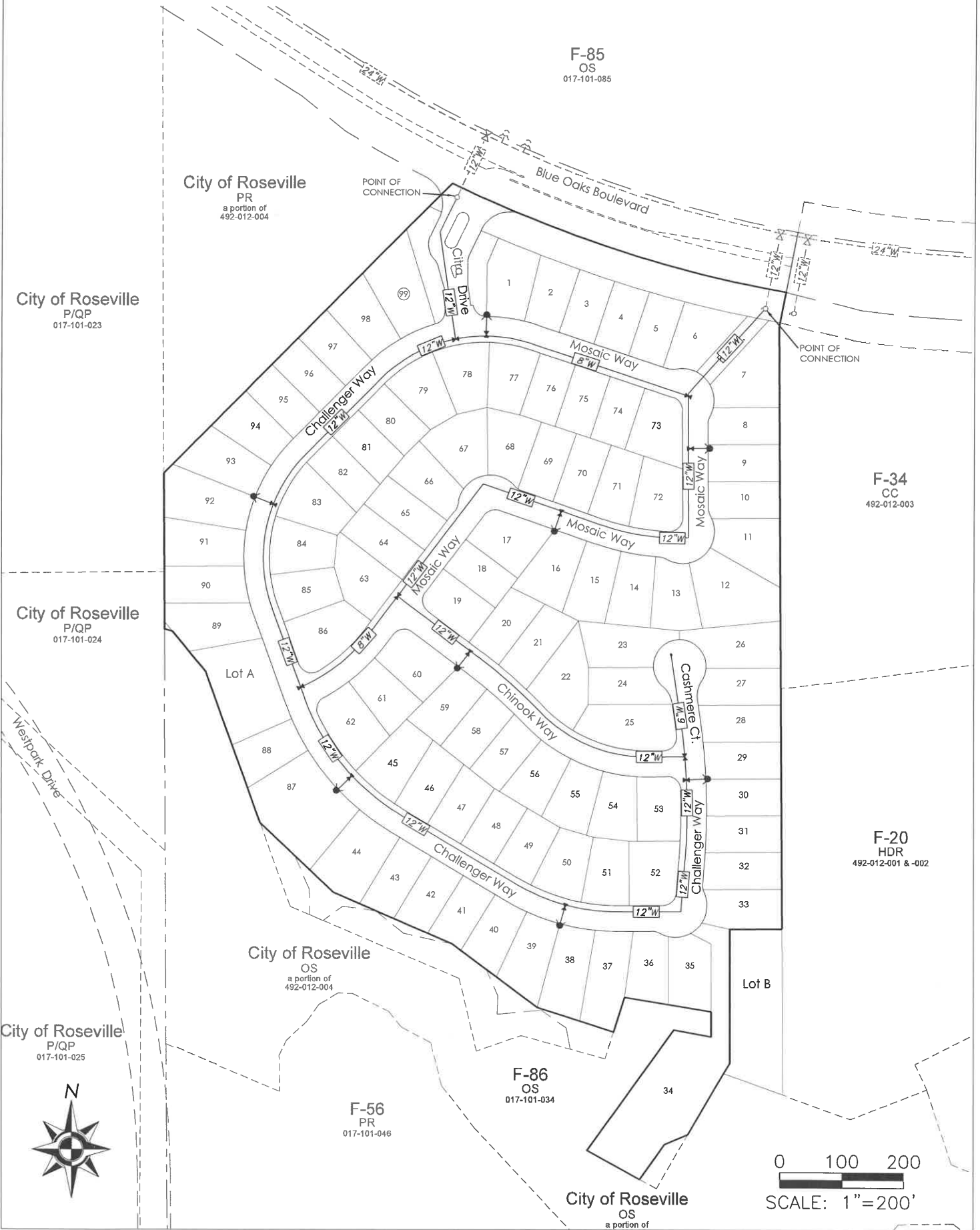


Exhibit I: Recycled Water Facilities

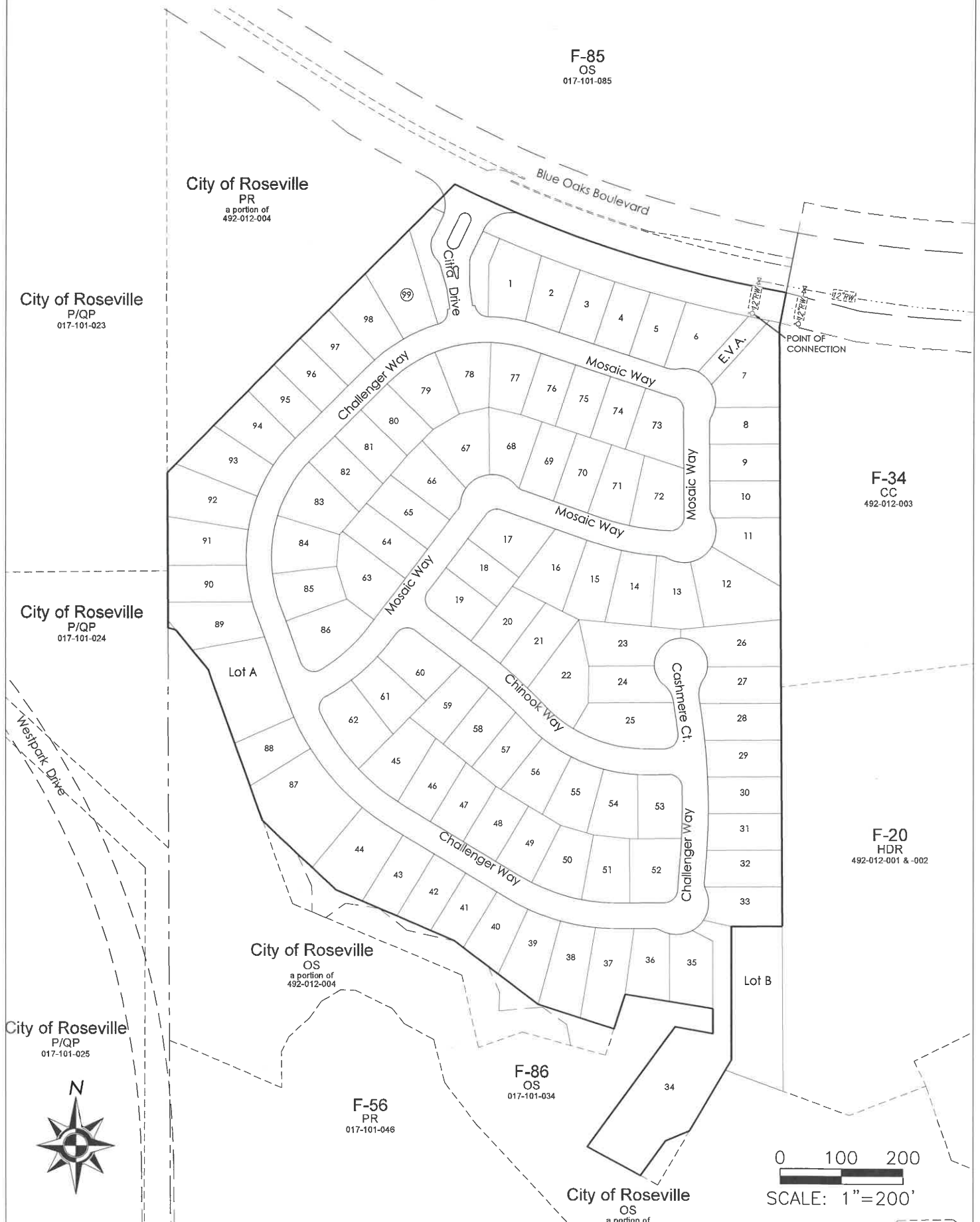


Exhibit J: Drainage Facilities

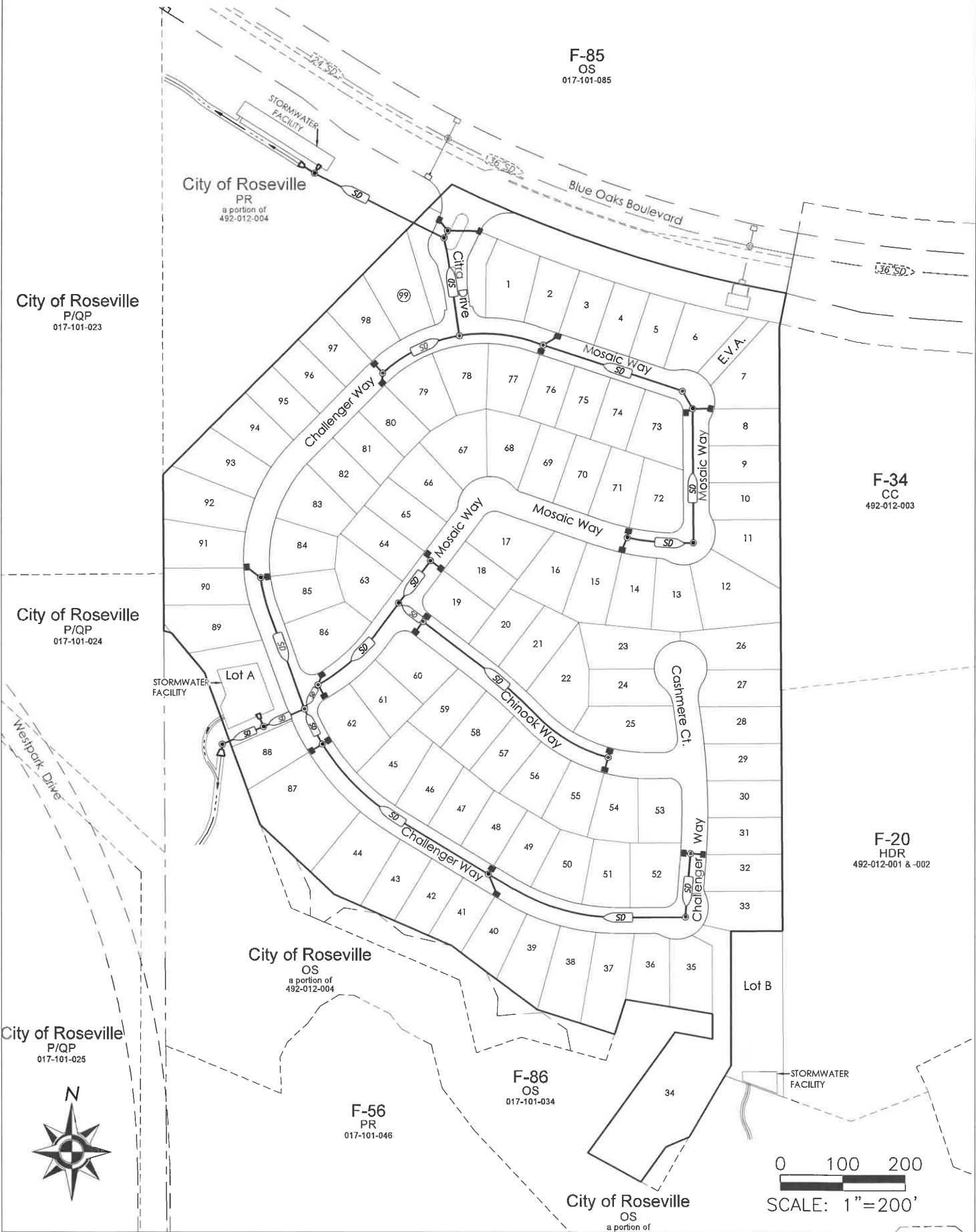


Exhibit K: Electric Utility Improvements

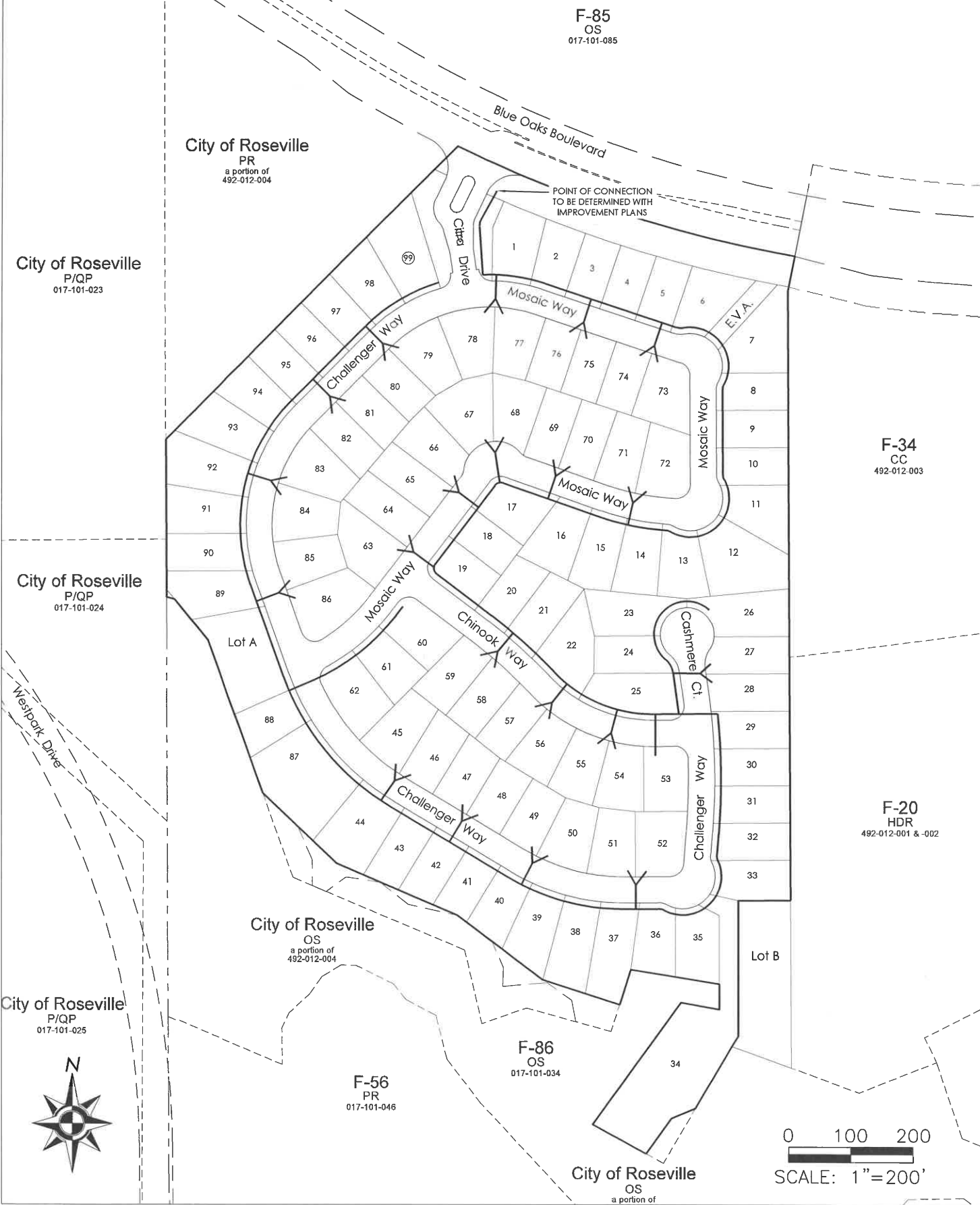


EXHIBIT L
SAMPLE ASSIGNMENT AND ASSUMPTION AGREEMENT

WHEN RECORDED, RETURN TO:

City of Roseville
311 Vernon Street
Roseville, CA 95678
ATTN: City Clerk

Exempt from recording fees
Pursuant to Govt. Code 27383

ASSIGNMENT AND ASSUMPTION AGREEMENT
RELATIVE TO THE
WEST ROSEVILLE SPECIFIC PLAN DEVELOPMENT AGREEMENT
[WEST ROSEVILLE, LLC]

THIS ASSIGNMENT AND ASSUMPTION AGREEMENT (hereinafter, the "Agreement") is entered into this ____ day of _____, 20__, by and between _____, a _____ (hereinafter "Landowner"), and _____, a _____ (hereinafter "Assignee").

RECITALS

A. On _____, 2020, the City of Roseville and Landowner entered into that certain agreement entitled "Development Agreement By and Between The City of Roseville and West Roseville, LLC (hereinafter the "Development Agreement"). Pursuant to the Development Agreement, Landowner agreed to develop certain property more particularly described in the Development Agreement (hereinafter, the "Subject Property"), subject to certain conditions and obligations as set forth in the Development Agreement. The Development Agreement was recorded against the Subject Property in the Official Records of Placer County on _____, 2020 [Instrument No. _____].

B. Landowner intends to convey the Subject Property to Assignee, commonly referred to as Parcel F-55a, and more particularly identified and described in Exhibit A, attached hereto and incorporated herein by this reference, as defined in the Development Agreement.

C. Landowner desires to assign and Assignee desires to assume all of Landowner's right, title, interest, burdens and obligations under the Development Agreement with respect to and as related to the Subject Property.

ASSIGNMENT AND ASSUMPTION

NOW, THEREFORE, Landowner and Assignee hereby agree as follows:

1. Landowner hereby assigns, effective as of Landowner conveyance of the Subject Property to Assignee, all of the rights, title, interest, burdens and obligations of Landowner under the Development Agreement with respect to the Subject Property.

2. Assignee hereby assumes all of the rights, title, interest, burdens and obligations of Landowner under the Development Agreement with respect to the Subject Property, and agrees to observe and fully perform all of the duties and obligations of Landowner under the Development Agreement with respect to the Subject Property, and to be subject to all the terms and conditions thereof with respect to the Subject Property. The parties intend hereby that, upon the execution of this Agreement and conveyance of the Subject Property to Assignee, Assignee shall become substituted for Landowner as the "Landowner" under the Development Agreement with respect to the Subject Property.

3. All of the covenants, terms and conditions set forth herein shall be binding upon and shall insure to the benefit of the parties hereto and their respective heirs, successors and assigns.

4. The Notice Address described in Article 11 of the Development Agreement for the Landowner with respect to the Subject Property shall be:

Attn: _____

IN WITNESS HEREOF, the parties hereto have executed this Agreement as of the day and year first above written. This Agreement may be signed in identical counterparts.

LANDOWNER:

By: _____
Print Name: _____
Title: _____

ASSIGNEE:

By: _____
Print Name: _____
Title: _____
