



AGENDA

February 27, 2020

PLANNING COMMISSION MEETING
6:30 p.m.
311 Vernon Street
Roseville, California
www.roseville.ca.us

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.

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. **PUBLIC COMMENTS**
5. **CONSENT CALENDAR**
 - 5.1. Minutes of February 13, 2020

6. REQUESTS/PRESENTATIONS

6.1. WRSP F-71 and F-66 - 5181 Fiddymment Rd - File # PL19-0048

REQUEST

The applicant requests approval of two Development Agreement Amendments (DAAs) to the Fiddymment Land Venture Development Agreement (DA). The proposed Eighth (8th) amendment will extend the term of the DA by 30 years, revise Section 2.2 related to land uses, amend the language related to groundwater wells and water conservation goals, and will move the planned elementary school site (F-71) from Phase 3 to Phase 2 of the Fiddymment Ranch portion of the West Roseville Specific Plan (WRSP). The proposed Ninth (9th) amendment will extend the term of the DA by 30 years and amend the language related to water conservation goals. Two separate DAAs are needed due to recent changes in property ownership within the Fiddymment Ranch portion of the WRSP.

Applicant: Steve Hicks, Taylor Builders

Property Owners: WRDC; Jen California 15, LLC; Taylor Morrison; Roseville Schools, LLC; ATC Realty One, LLC

RECOMMENDATION

The Planning Division recommends that the Planning Commission take the following actions:

- A. Consider the Addendum to the West Roseville Specific Plan EIR,
- B. Recommend the City Council approve the Eighth Amendment to the Fiddymment Land Venture Development Agreement, and
- C. Recommend the City Council approve the Ninth Amendment to the Fiddymment Land Venture Development Agreement.

6.2. ARSP Amendment - 3884 Westbrook Bl - File # PL19-0312

REQUEST

Request for a Development Agreement Amendment, General Plan Amendment, Rezone, Specific Plan Amendment, and Tentative Large Lot Map modification to make changes to the Amoruso Ranch Specific Plan to include additional avoidance of wetland features by increasing the land designated as Open Space by 10 acres and reducing the land designated for Low Density Residential (LDR) by 10 acres, resulting in a loss of 50 LDR units. The units will be accommodated in an existing Community Commercial – Village Center (CC-VC) parcel. Other amendments include the removal of a 60kV electrical line, minor modifications to the configuration of Public/Quasi Public (P/QP) parcels, and to the obligations for a potential well site.

Applicant: John Norman, Brookfield Sunset, LLC

Property Owner: Brookfield Sacramento Holdings, LLC and Angela Eisenpress Successor Trustee of the Amoruso Family Living Trust

RECOMMENDATION

The Planning Division recommends that the Planning Commission take the following actions:

- A. Consider the Addendum to the Amoruso Ranch Specific Plan EIR,
- B. Recommend the City Council approve the General Plan 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 two (2) Development Agreement Amendments,
- F. Approve the Tentative Large Lot Map modification subject to six (6) conditions of approval,
- G. Adopt the amended MMRP.

6.3. 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 - 2401 Blue Oaks BI & 2600 Westbrook BI - File # PL19-0180

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

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 Fiddymment 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.

7. BOARD MEMBER / COMMISSIONER / STAFF REPORT

8. ADJOURNMENT



PLANNING COMMISSION COMMUNICATION

Title: Minutes of February 13, 2020

Contact: Lupe Nelson, lnelson@roseville.ca.us, 916-774-5281

Meeting Date: 2/27/2020

Item #: 5.1.

ATTACHMENTS:

Description

Minutes of February 13, 2020



MINUTES

February 13, 2020

PLANNING COMMISSION MEETING

6:30 p.m.

311 Vernon Street

Roseville, California

www.roseville.ca.us

1. CALL TO ORDER

Chair Caporusso called the meeting to order at 6:30 p.m.

2. ROLL CALL

Present: Brashears, Dohner, Jensen, Krafka, Martin, Mendonsa, Caporusso

3. PLEDGE OF ALLEGIANCE

Vice-Chair Brashears led those in attendance in the Pledge of Allegiance.

4. PUBLIC COMMENTS

Chair Caporusso opened the Public Comment period. Hearing none, Chair Caporusso closed the Public Comment period.

5. CONSENT CALENDAR

Motion by Commissioner Jensen, seconded by Commissioner Krafka, to approve the Consent Calendar.

The Motion Passed.

Roll Call vote:

Aye: Brashears, Martin, Jensen, Mendonsa, Krafka, Dohner, Caporusso

Noes: None

5.1. Minutes of January 9, 2020

5.2. INFILL PCL 10 - Roseville St. Triplex Tree Permit - 114 Roseville St - File # PL19-0351

REQUEST

The project includes a Tree Permit to remove one (1) Valley oak (*Quercus lobata*) tree, with a total aggregate diameter of 20.5 inches. The tree is proposed to be removed in order to make additions to two units on a three-unit property.

Applicant/Property Owner: Wes Cambron, Allstate Renovations, Inc.

RECOMMENDATION

The Planning Division recommends that the Planning Commission take the following actions:

- A. Adopt the two (2) findings of fact and approve the Tree Permit subject to eight (8) conditions of approval.

6. REQUESTS/PRESENTATIONS

6.1. INFILL PCL 7 - 450 Diamond Oaks Tree Permit - 450 Diamond Oak Rd – File # PL19-0341

REQUEST

The project includes a Tree Permit to remove two (2) Blue oak (*Quercus douglasii*) trees, with a total aggregate diameter of 61 inches. The trees are proposed to be removed in order to construct a single-family home on an undeveloped lot. A third Blue oak tree is proposed to be preserved on the lot with fifteen percent encroachment into the protected zone radius. An Administrative Variance is requested to allow a 6.5 foot (32.5 percent) reduction in the required rear yard setback in order to preserve the tree at the front of the property.

Applicant: Mary Dorofeyev, Tangent Design and Engineering
Property Owner: Oleg Makovey

RECOMMENDATION

The Planning Division recommends that the Planning Commission take the following actions:

- A. Adopt the two (2) findings of fact and approve the Tree Permit subject to twenty (20) conditions of approval.
- B. Adopt the three (3) findings of fact and approve the Administrative Variance subject to two (2) conditions of approval.

Assistant Planner, Sean Morales, presented the staff report.

Chair Caporusso opened the public hearing and invited comments from the applicant and/or audience.

Commissioner comments:

- Were any concerns raised by the public?

No public comments. Chair Caporusso closed the public hearing.

Motion by Commissioner Mendonsa, seconded by Vice-Chair Brashears, to:

- A. Adopt the two (2) findings of fact and approve the Tree Permit subject to twenty (20) conditions of approval.
- B. Adopt the three (3) findings of fact and approve the Administrative Variance subject to two (2) conditions of approval.

The Motion Passed:

Roll call vote:

Ayes: Dohner, Mendonsa, Brashears, Krafka, Martin, Jensen, Caporusso

Noes: None

6.2. WRSP PCL F-55 and W-60a - General Plan Amendment, Specific Plan Amendment, Rezone, Tentative Parcel Map, Small Lot Tentative Subdivision Map, Tree Permit, and Development Agreement - 2401 Blue Oaks BI and 2600 Westbrook BI - File # PL19-0180

This item was continued to the February 27, 2020 Planning Commission Meeting.

7. BOARD MEMBER / COMMISSIONER / STAFF REPORT

Staff Reports

- There will be a February 27, 2020 Planning Commission Meeting. At this time, there are no items planned for the March 12, 2020 Planning Commission meeting.

Commissioner Reports

- The Grounds had its Grand Opening on February 13, 2020. The Grounds venue will benefit the City's businesses.
- Thank you to the City Council for changing the time of the Planning Commission meetings from 6:00 p.m. to 6:30 p.m.
- Commissioners are encouraged to participate in the League of Cities Planning Commissioners Academy.
- Planning Commission tour.
- Tree mitigation discussion.

8. ADJOURNMENT



PLANNING COMMISSION COMMUNICATION

Title: WRSP F-71 and F-66 - 5181 Fiddlyment Rd - File # PL19-0048

Contact: Charity Gold, cgold@roseville.ca.us, 916-774-5247

Meeting Date: 2/27/2020

Item #: 6.1.

ATTACHMENTS:

Description

Staff Report

Attachment 1

Exhibit A CEQA Addendum

Exhibit B Eighth DAA

Exhibit C Ninth DAA

ITEM 6.1: Development Agreement Amendments 8 and 9 – 5181 Fiddymment Road – WRSP F-71 and F-66 – PL19-0048

REQUEST

The applicant requests approval of two Development Agreement Amendments (DAAs) to the Fiddymment Land Venture Development Agreement (DA). The proposed Eighth (8th) amendment will extend the term of the DA by 30 years, revise Section 2.2 related to land uses, amend the language related to groundwater wells and water conservation goals, and will move the planned elementary school site (F-71) from Phase 3 to Phase 2 of the Fiddymment Ranch portion of the West Roseville Specific Plan (WRSP). The proposed Ninth (9th) amendment will extend the term of the DA by 30 years and amend the language related to water conservation goals. Two separate DAAs are needed due to recent changes in property ownership within the Fiddymment Ranch portion of the WRSP.

Applicant – Steve Hicks, Taylor Builders

Owners – WRDC; Jen California 15, LLC; Taylor Morrison; Roseville Schools, LLC; ATC Realty One, 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,
- B. Recommend the City Council approve the Eighth Amendment to the Fiddymment Land Venture Development Agreement, and
- C. Recommend the City Council approve the Ninth Amendment to the Fiddymment Land Venture Development Agreement.

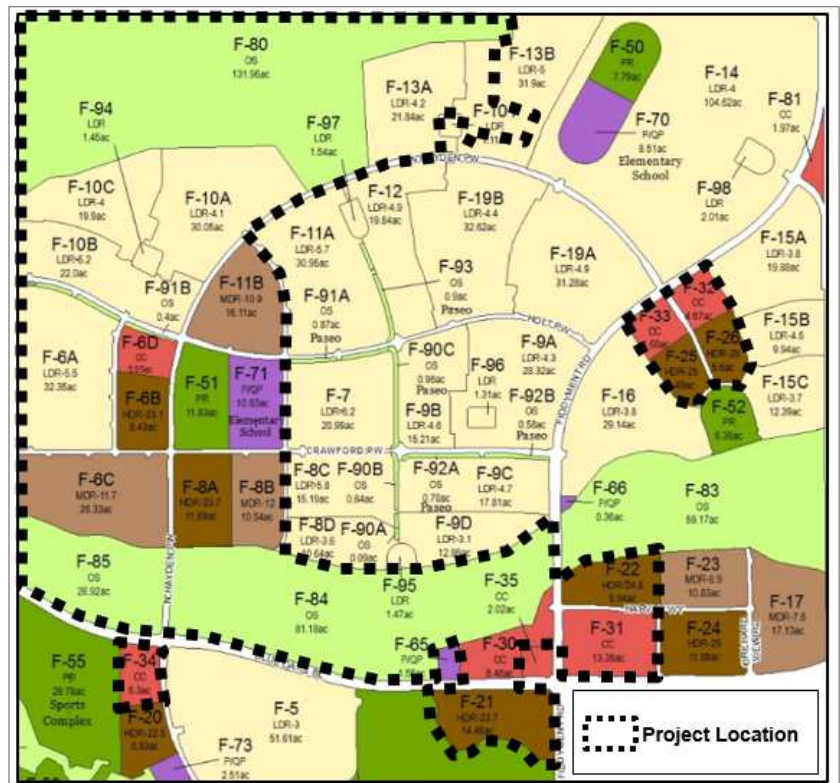
SUMMARY OF OUTSTANDING ISSUES

This item was heard at the December 12, 2019 Planning Commission hearing. Since that hearing, the property has been sold to multiple property owners. The background section below explains why the application is being heard by the Planning Commission for a second time.

BACKGROUND

The project is located within the West Roseville Specific Plan (WRSP), in the northern portion of the plan area (Figure 1). The project affects the undeveloped properties within the Fiddymment Ranch portion of the WRSP on properties with land use and zoning designations supportive of public, commercial, and residential uses. The development requirements for these sites were adopted as part of the Development Agreement by and between the City and Fiddymment Land Venture, LLC, which was approved by City Council concurrent with the WRSP on February 4, 2004.

Figure 1: Project Location



On December 12, 2019, the Planning Commission recommended approval of the Eighth (8th) amendment to the Fiddymment Land Venture DA to extend the term of the DA, amend language related to groundwater wells and water conservation goals, move construction of the elementary school site on Parcel F-71 from Phase 3 to Phase 2 of the Fiddymment Ranch portion of the specific plan, and remove Parcel F-66 from the groundwater section, thus allowing the site to be constructed with one single family dwelling unit. Along with the amendment to the DA, the Planning Commission recommended approval of a General Plan Amendment, Specific Plan Amendment, Rezone, and a Lot Line Adjustment for Parcel F-66 to change the designations to Low Density Residential (LDR) with Small Lot Residential (RS/DS) zoning in order to facilitate development of one single family residence. See Attachment 1 for the Staff Report and supporting material for this item.

Following the Planning Commission hearing, many of the properties within Fiddymment Ranch were sold and there are now multiple property owners who will be affected by the DAA. The DAA that was provided to the Planning Commission did not reflect the new property owners, as they were not known at the time. The DAA has been updated to reflect the new property owners; however, due to the number of new property owners (now five), and the requested property-specific amendments, the applicant is requesting approval of two separate DAAs. The proposed eighth (8th) amendment will extend the term of the DA by 30 years, amend the language related to water conservation goals, and amend sections to reflect property specific changes related to Parcel F-66 and Parcel F-71. The proposed Ninth (9th) amendment will extend the term of the DA by 30 years and amend the language related to water conservation goals.

EVALUATION: DEVELOPMENT AGREEMENT AMENDMENT

Development Agreements (DAs) are binding contracts that set the terms, rules, conditions, regulations, entitlements, responsibilities, and other provisions relating to the development of the covered properties. Both of the DAAs include changes that will extend the term of the agreement and amend the language related to water conservation goals; however, the Eighth DAA includes changes that will eliminate the requirement that Parcel F-66 be developed with a groundwater well and will move construction of an elementary school on Parcel F-71 into Phase 2 of the WRSP. The modified sections are summarized below followed by a discussion of the proposed changes.

Eighth Amendment Affected Sections:

- Section 1.3 related to term extension has been updated to extend the agreement to March 29, 2054.
- Section 2.2 related to the approved land uses has been updated to reflect updated units and acreages.
- Section 3.7.5 related to groundwater wells has been modified to remove the requirement that Parcel F-66 be developed with a groundwater well, clarify the funding obligation for a second well site, and establish development requirements for the monitoring well site at Parcel F-66.
- Section 3.7.8 related to the water conservation for the property and the water supply available to the property.
- Exhibit "F" – has been revised to add Parcel F-71 to Phase 2 and remove it from Phase 3.

Ninth Amendment Affected Sections:

- Section 1.3 related to term extension has been updated to extend the agreement to March 29, 2054.

- Section 3.7.8 related to the water conservation for the property and the water supply available to the property.

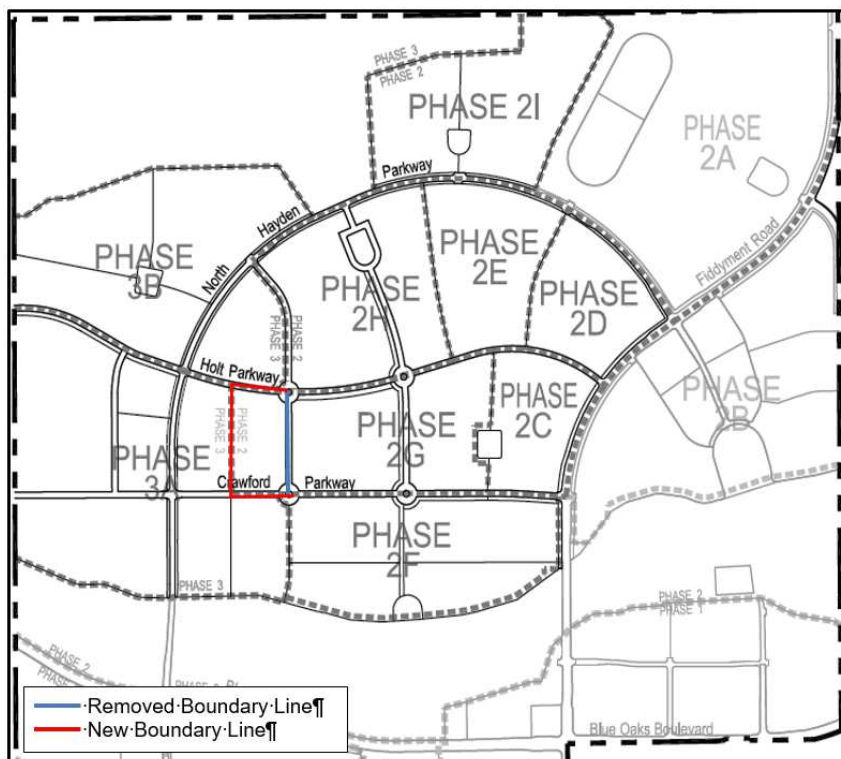
Extension of DA's Term

The proposed DAAs includes a 30 year term extension. The properties affected by the Eighth and Ninth Amendment to the DA will be covered by the terms of the original DA and all subsequent amendments through March 29th, 2054. The properties affected by this extension are included in Exhibit's A and B of each DAA and include the remaining undeveloped land within the Fiddymment Ranch development. It is the intent of this extension that all applicable DA fees associated with Phase 3 of the Fiddymment Ranch development will not expire until 2054.

Amendments Related to Parcel F-71

The existing DA requires that an elementary school be constructed on Parcel F-71 in Phase 3 of the WRSP. Parcel F-71 is located on the southwest corner of the intersection of Holt Parkway and Pruett Drive at the boundary of Phase 2 and Phase 3. Due to demand created from the adjacent residential development east of Parcel F-71 and within Phase 2, the applicant has requested that the boundary line between Phase 2 and Phase 3 be modified to include Parcel F-71 in Phase 2 and that it be removed from Phase 3 (Figure 3). This will allow the elementary school to be constructed with Phase 2 to meet the needs of the developing community. The requested change is consistent with the timing of necessary infrastructure, will promote orderly development, and will positively affect property values.

Figure 3: Revised Phasing Exhibit

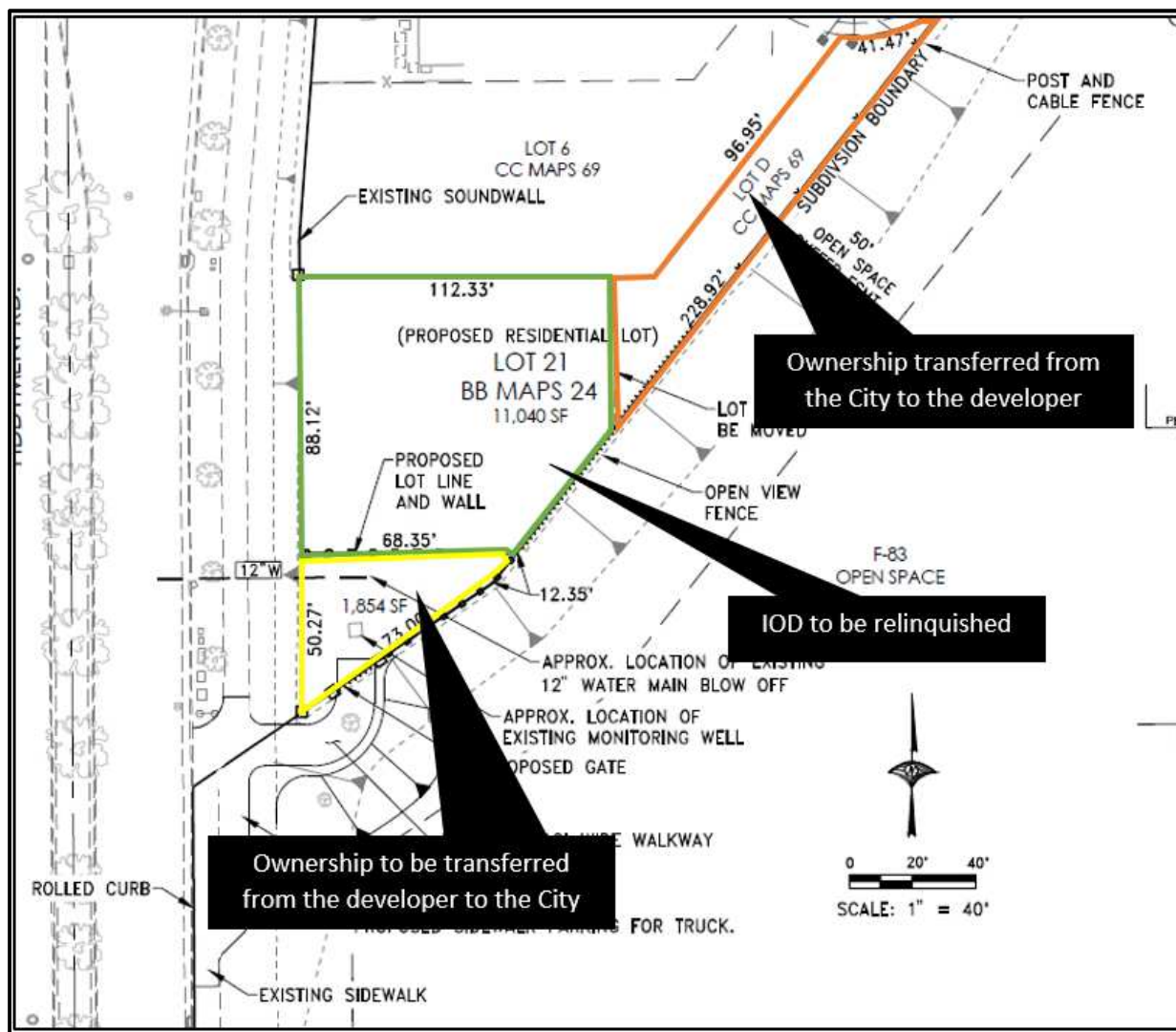


Amendments Related to Parcel F-66

As mentioned above, the City has determined that Parcel F-66 is no longer required for the development of a groundwater well. The proposed Eighth DAA includes language releasing the applicant from the obligation to construct a well and to deed the site to the City, and also includes provisions that return unneeded portions of the property to the developer as described below.

Parcel F-66 consists of two lots created within the subdivision for the purpose of providing a groundwater well to meet the water supply demand within the WRSP (Lot 21 and Lot D). The City currently owns Lot D and has an Irrevocable Offer of Dedication (IOD) over Lot 21. Because these properties are no longer needed by the City, the City's interest in Lot D and Lot 21 will be relinquished to the applicant. Additionally, a portion of Lot 21 containing the existing monitoring well will be dedicated to the City. These property transfers are illustrated in Figure 4.

Figure 4: Property Transfer Detail



The area shown in orange in Figure 4 is requested by the applicant from the City. This area is not planned for any future City facilities, and is not needed for maintenance of existing facilities. This small parcel currently has no value to the City; it was transferred to the City for the sole purpose of providing access to a future well site that the City no longer needs.

There is an existing IOD over the area shown in green in Figure 4. This portion of Lot 21 is no longer needed for the purpose for which the IOD was granted; therefore, this IOD will be relinquished, releasing the City's interest in the property. Ultimately, the site will be developed with a single family residence.

The area shown in yellow in Figure 4 will be deeded to the City and contains the existing monitoring well that the City will continue to maintain. This site will be accessed from Fiddymment Road (see Lot Line Adjustment Discussion and figures below). The Eighth DAA contains draft language that reflects these transactions.

Zoning Ordinance Section 19.84.040 specifies that recommendations for approval or denial of a DA, including Amendments, 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 amendments include new and revised exhibits to reflect the proposed changes. As amended, the DAs maintain consistency with the objectives, policies, programs, and land use designations of the General Plan and the Zoning Ordinance, conform to public health and safety needs, will result in orderly development and will maintain property values, and provide a benefit to the City.

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, no comments have been received.

CONCLUSION

As demonstrated by the analyses in the foregoing sections, the proposed project is consistent with the policies and intent of the General Plan and the WRSP. 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

Pursuant to CEQA Guidelines Section 15164, an addendum to the West Roseville Specific Plan Environmental Impact Report (WRSP EIR), which was adopted February 2, 2004 (SCH# 2002082057), has been prepared to address the minor technical changes needed to describe the proposed project. No additional analysis is required.

RECOMMENDATION

The Planning Division recommends the Planning Commission take the following actions:

- A. Consider the Addendum to the West Roseville Specific Plan EIR.
- B. Recommend the City Council approve the **Development Agreement Amendment – 5181 Fiddymment Road – WRSP SPA #7 – PL19-0048**.
- C. Recommend the City Council approve the **Development Agreement Amendment – 5181 Fiddymment Road – WRSP SPA #7 – PL19-0048**.

Attachments

1. Planning Commission Staff Report (December 12, 2019)

Exhibits

- A. CEQA Addendum to the WRSP EIR
- B. Eighth Amendment of the WRSP Development Agreement
- C. Ninth Amendment of the WRSP Development Agreement

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.



Planning Division Staff Report
Planning Commission Meeting December 12, 2019
 Prepared by: Charity Gold, Associate Planner

ITEM 6.1: A General Plan Amendment, Specific Plan Amendment, Rezone, Development Agreement Amendment, and Lot Line Adjustment – 5181 Fiddymment Road – WRSP SPA #7 for F-71 and F-66 – PL19-0048

REQUEST

The applicant requests approval of a General Plan Amendment, Specific Plan Amendment, Rezone, Development Agreement Amendment (DAA), and Lot Line Adjustment to allow one 0.296 acre site (F-66) to be developed with a single family residence in lieu of a potable water well. The proposed DAA will be the eighth (8th) amendment to the Fiddymment Land Venture Development Agreement (DA) and will extend the term of the DA by 30 years, amend the language related to groundwater wells and water conservation goals and will move the planned elementary school site (F-71) from Phase 3 to Phase 2 of the Fiddymment Ranch portion of the West Roseville Specific Plan.

Applicant – Steve Hicks, Signature Management
 Owner – ATC Realty One, 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,
- 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 Amendment,
- F. Approve the Lot Line Adjustment subject to twelve (12) conditions of approval.

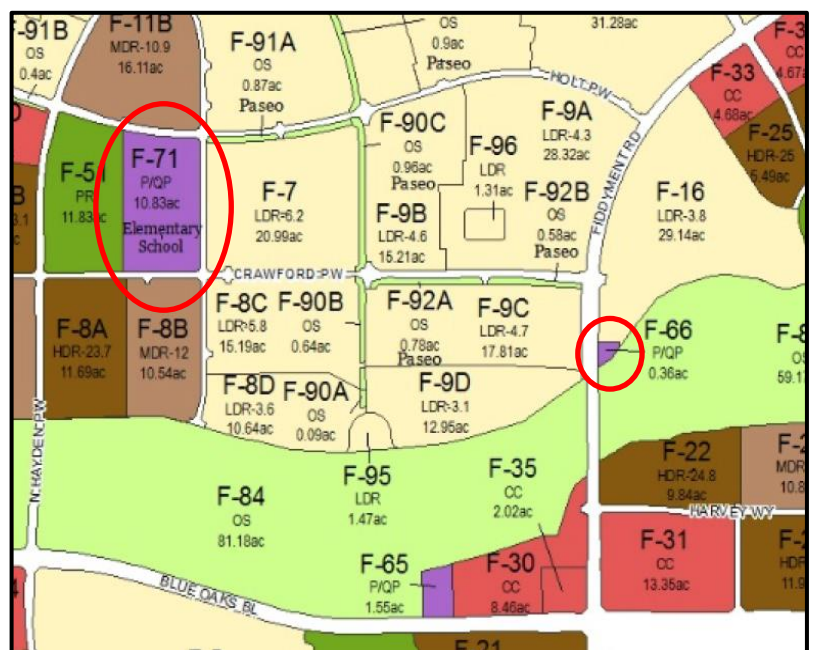
SUMMARY OF OUTSTANDING ISSUES

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 project consists of two parcels within the West Roseville Specific Plan (WRSP), Parcel F-71 and Parcel F-66 (Figure 1 and Figure 2). These parcels have a land use and zoning designation of Public/Quasi Public (P/QP). The WRSP identifies Parcel F-71 as an elementary school site to be constructed in Phase 3 of the specific plan, and Parcel F-66 as a domestic water well site. The development requirements for these sites were adopted as part of the Development Agreement by and between the City and Fiddymment Land Venture, LLC, which was approved by City Council concurrent with the WRSP on February 4, 2004.

Figure 1: Project Location



The proposed project includes an amendment to the Fiddymment Land Venure Development Agreement (DA) which will extend the term of the DA, amend language related to groundwater wells and water conservation goals, move construction of the elementary school site on Parcel F-71 from Phase 3 to Phase 2 of the Fiddymment Ranch portion of the specific plan, and remove Parcel F-66 from the groundwater section, thus allowing the site to be constructed with one single family dwelling unit. The project includes amendments to the General Plan, Specific Plan, and a Rezone for Parcel F-66 to change these designations to Low Density Residential (LDR) with Small Lot Residential (RS/DS) zoning and a Lot Line Adjustment to facilitate the development.

Figure 2: Project Location Aerial



SITE INFORMATION

Location: WRSP Parcel F-66 is located at 5181 Fiddymment Road, approximately 440 feet south of the intersection of Fiddymment Road and Old Coach Drive, and at the terminus of Vista Verde Court, and WRSP Parcel F-71 is located at 4351 Crawford Parkway on the northwest side of the intersection of Crawford Parkway and Pruett Drive.

Total Size: 0.296 (Parcel F-66), and 10.83 (Parcel F-71)

Topography and Setting: Parcel F-66 is located adjacent to Fiddymment Road to the west, existing single family development to the north, Vista Verde Court to the east, and an open space corridor to the south. The site contains an existing monitoring well that is accessed from Vista Verde Court. Parcel F-71 is surrounded by single family development to the east, planned medium density development to the south, and a planned park to the west. The subject properties have been heavily disturbed and graded as part of the existing adjacent development.

EVALUATION: GENERAL PLAN AMENDMENT, SPECIFIC PLAN AMENDMENT, AND REZONE

Proposed amendments to the General Plan and Specific Plan are analyzed for consistency with the goals and policies of the respective plans. The 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.

Land Use Compatibility

The project includes a General Plan Amendment, Specific Plan Amendment, and Rezone for Parcel F-66. The General Plan, Specific Plan, and zoning designations of Parcel F-66 are P/QP. When the WRSP was adopted the site was designated for public use with the expectation that the site would be developed with a groundwater well for potable water use; the southern portion of the site is currently developed with a monitoring well. The City Environmental Utilities Department has determined that the existing water supply is sufficient to serve the water needs of the area and that the City no longer needs the site. Because residential uses are not permitted in the P/QP zone, the applicant proposes to change the General Plan and Specific Plan designations to LDR and the zoning to RS/DS, which will allow the site to be developed with one single family residence. The proposed changes are illustrated in Exhibit B, C, and D, which are attached to this document. The southernmost portion of the parcel containing the existing monitoring well will be divided from the existing parcel (see lot line adjustment discussion below). This portion of Parcel F-66 will maintain the P/QP land use designation.

The site is located at the terminus of an existing cul-de-sac that is developed with eight existing single family residences. The change in land use is consistent with the adjacent land use designation and will continue the existing development pattern. The area surrounding the site is built out and includes existing water, sewer, and drainage facilities within Vista Verde Court. The project will be required to construct the onsite utilities necessary to serve the new residential unit.

The conversion of Parcel F-66 to residential land use is consistent with surrounding development and uses. The change in land use will not negatively affect the function of the adjacent open space corridor, and no conflicts with the policies in the City's General Plan or the WRSP related to land use and open space have been identified.

EVALUATION: DEVELOPMENT AGREEMENT AMENDMENT

Development Agreements (DAs) are binding contracts that set the terms, rules, conditions, regulations, entitlements, responsibilities, and other provisions relating to the development of the covered properties. The proposed amendments to the DA include changes that will eliminate the requirement that Parcel F-66 be developed with a groundwater well, move construction of an elementary school on Parcel F-71 into Phase 2 of the WRSP, and extend the term of the agreement. The amendment also includes updates to make sections consistent with the land use amendments. The modified sections are summarized below.

- Section 1.3 related to term extension has been updated to extend the agreement to March 29, 2054.
- Section 2.2 related to the approved land uses has been updated to reflect updated units and acreages.
- Section 3.7.5 related to groundwater wells has been modified to remove the requirement that Parcel F-66 be developed with a groundwater well, clarify the funding obligation for a second well site, and establish development requirements for the monitoring well site at Parcel F-66.
- Exhibit "F" – has been revised to add Parcel F-71 to Phase 2 and remove it from Phase 3.

Extension of DA's Term

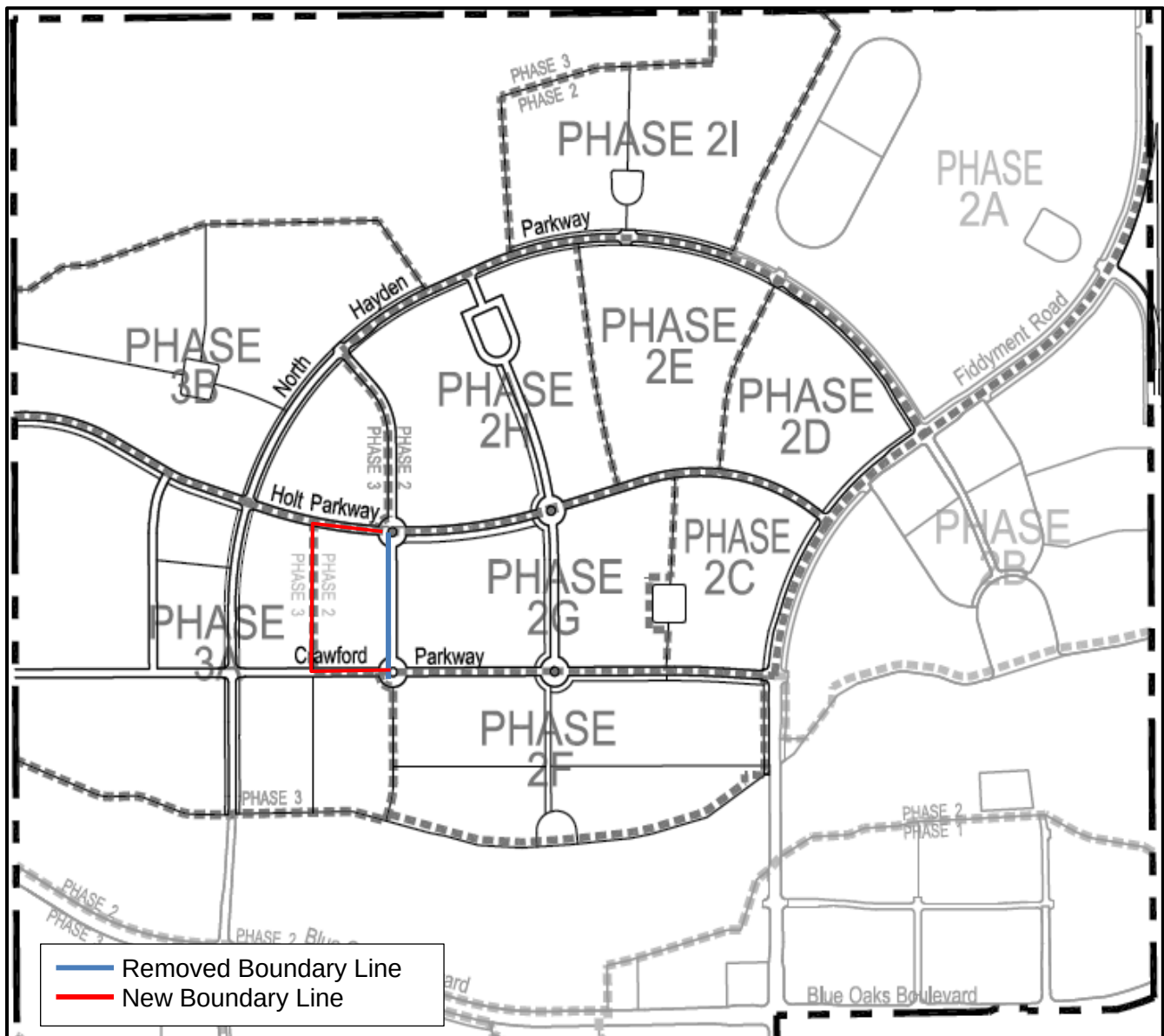
The proposed DAA includes a 30 year term extension. The properties affected by the Eighth Amendment to the DA will be covered by the terms of the original DA and all subsequent amendments through March 29th, 2054. The properties affected by this extension are included in Exhibit's A and B of the DAA, (note that these exhibits have not been included in the original staff report packet, but will be provided to the

Commission and public prior to the public hearing) and include the remaining undeveloped land within the Fiddymont Ranch development. It is the intent of this extension that all applicable DA fees associated with Phase 3 of the Fiddymont Ranch development will not expire until 2054.

Amendments Related to Parcel F-71

The existing DA requires that an elementary school be constructed on Parcel F-71 in Phase 3 of the WRSP. Parcel F-71 is located on the southwest corner of the intersection of Holt Parkway and Pruett Drive at the boundary of Phase 2 and Phase 3. Due to demand created from the adjacent residential development east of Parcel F-71 and within Phase 2, the applicant has requested that the boundary line between Phase 2 and Phase 3 be modified to include Parcel F-71 in Phase 2 and remove it from Phase 3 (Figure 3). This will allow the elementary school to be constructed with Phase 2 to meet the needs of the developing community. The requested change is consistent with the timing of necessary infrastructure, will promote orderly development, and will positively affect property values.

Figure 3: Revised Phasing Exhibit



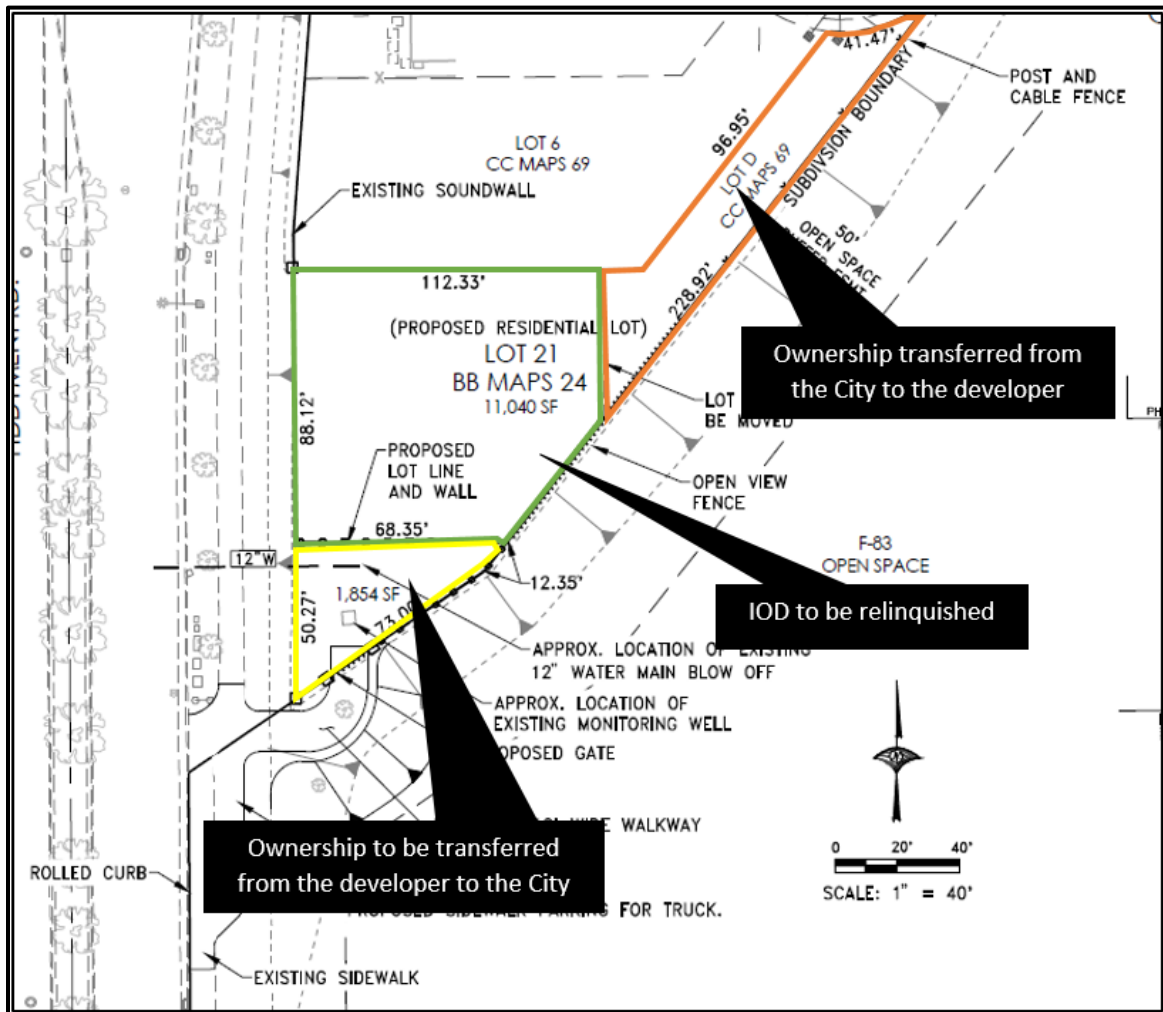
Amendments Related to Parcel F-66

As mentioned above, the City has determined that the existing water supply is sufficient and no longer requires that Parcel F-66 be retained for the development of a groundwater well. The proposed DAA includes language releasing the applicant from the obligation to construct a well and to deed the site to the City, and also includes provisions that return unneeded portions of the property to the developer as described below.

Parcel F-66 consists of two lots created within the subdivision for the purpose of providing a groundwater well to meet the water supply demand within the WRSP (Lot 21 and Lot D). The City currently owns Lot D and has an Irrevocable Offer of Dedication (IOD) over Lot 21. Because these properties are no longer needed by the City, the City's interest in Lot D and Lot 21 will be relinquished to the applicant. Additionally, a portion of Lot 21 containing the existing monitoring well will be dedicated to the City. These property transfers are illustrated in Figure 4 below.

The area shown in orange in Figure 4 is requested by the applicant from the City. This area is not planned for any future City facilities, and is not needed for maintenance of existing facilities. This small parcel currently has no value to the City; it was transferred to the City for the sole purpose of providing access to a future well site that the City no longer needs.

Figure 4: Property Transfer Detail



There is an existing IOD over the area shown in green in Figure 4. This portion of Lot 21 is no longer needed for the purpose for which the IOD was granted; therefore, this IOD will be relinquished, releasing the City's interest in the property. Ultimately, the site will be developed with a single family residence.

The area shown in yellow in Figure 4 will be deeded to the City and contains the existing monitoring well that the City will continue to maintain. This site will be accessed from Fiddymont Road (see Lot Line Adjustment Discussion and figures below).

The DAA contains draft language that reflects these transactions. The specific language will be refined prior to the City Council hearing.

Zoning Ordinance Section 19.84.040 specifies that recommendations for approval or denial of a DA, including Amendments, 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 amendment includes new and revised exhibits to reflect the proposed changes. As amended, the DA maintains consistency with the objectives, policies, programs, and land use designations of the General Plan and the Zoning Ordinance, conforms to public health and safety needs, will result in orderly development and will maintain property values, and provides a benefit to the City.

EVALUATION: LOT LINE ADJUSTMENT

In order to allow beneficial use of the site, the applicant has requested a lot line adjustment to create logical parcel boundaries that reflect the changes described above (see Exhibit F). In accordance with the Subdivision Map Act and the City of Roseville Subdivision Ordinance Chapter 18.10, the evaluation of the request is based on compliance with the City's Zoning Ordinance and Building Code as follows:

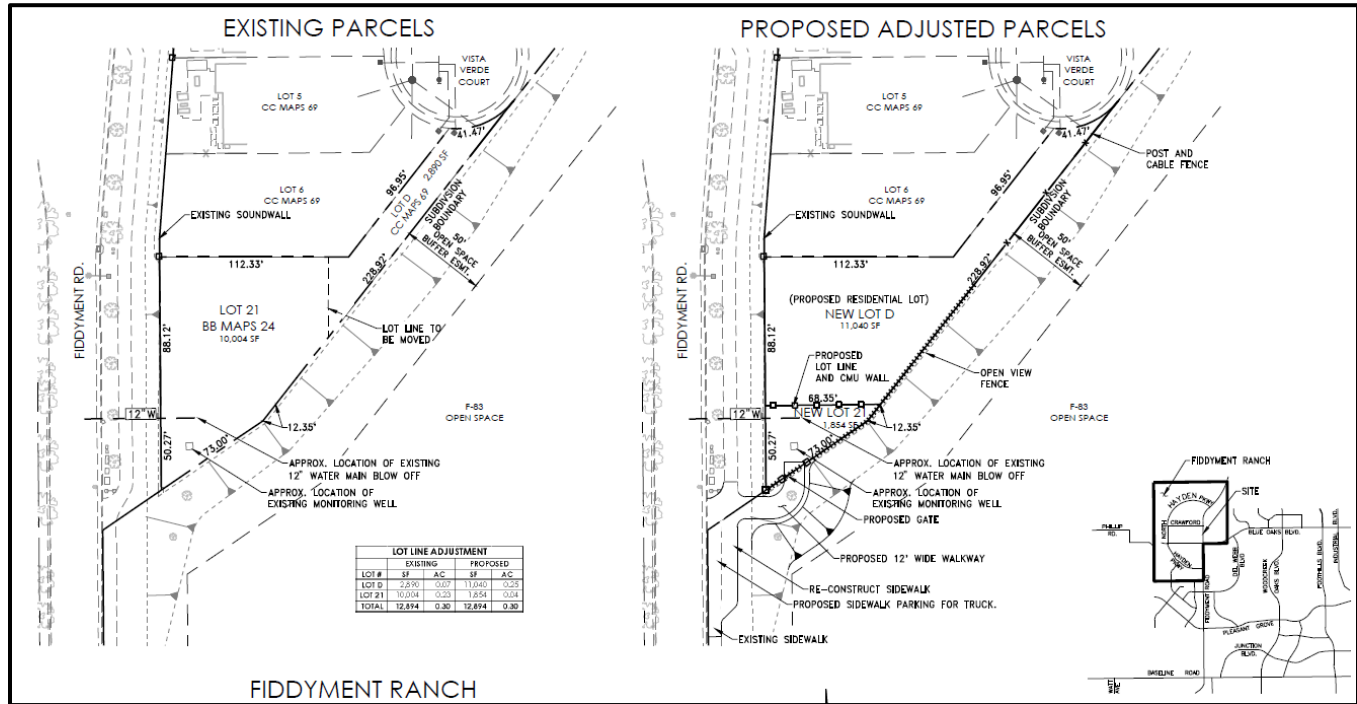
1. The proposed Lot Line Adjustment complies with the Zoning Ordinance for the district in which the parcels are located.

The proposed Lot Line Adjustment would reconfigure two existing lots (Lot 21 and Lot D) as detailed in Table 1, below and shown in Figure 5. The existing lot line between Lot 21 and Lot D will be moved to the southern portion of Lot 21 creating one lot that combines Lot D with Lot 21 (referred to as New Lot D) and one lot that encompasses the existing monitoring well (referred to as New Lot 21). New Lot D will be designated RS/DS, as described above, and will be developed with one new single family residence. New Lot 21, which will contain the existing monitoring well site, will maintain the P/QP designation and will be retained for public use.

Table 1: Existing and Proposed Lot Sizes

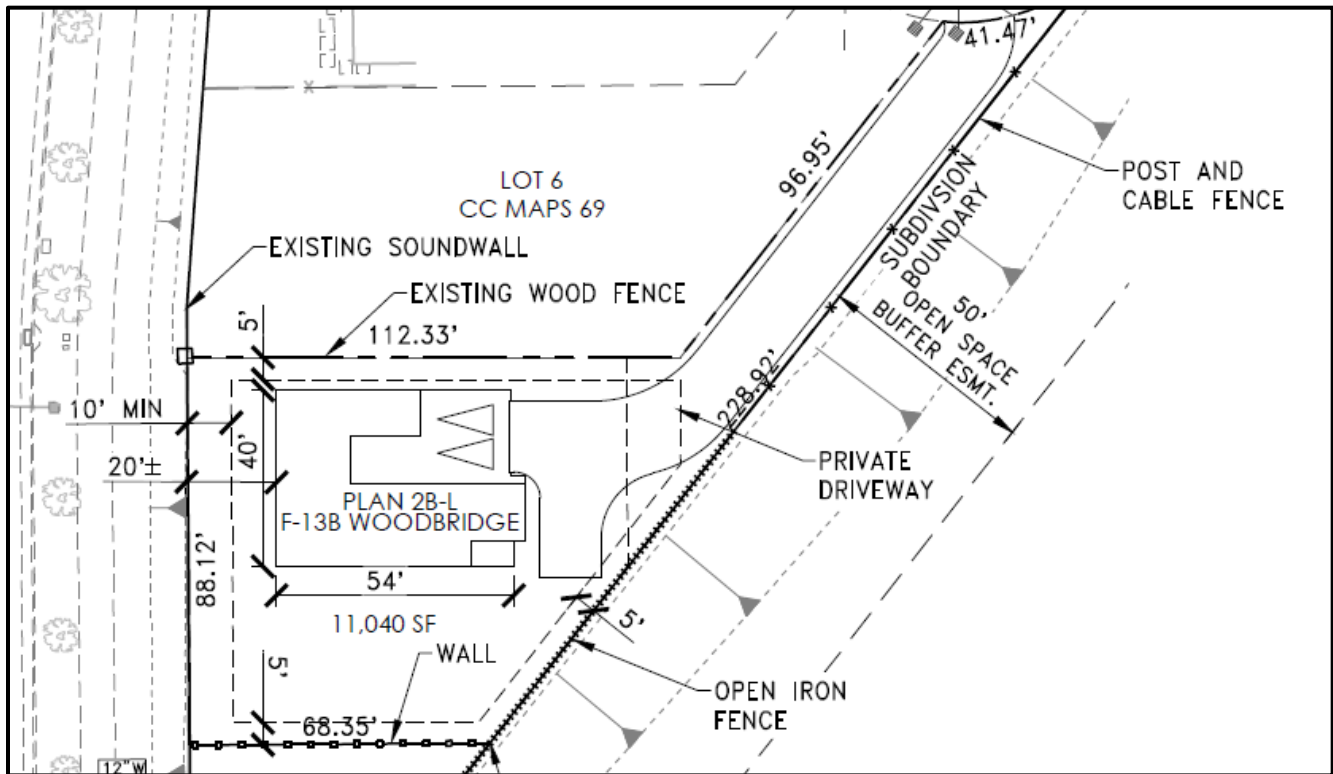
Lot Number	Existing Square Footage	Proposed Square Footage
Lot D	2,890	11,040
Lot 21	10,004	1,854
Total	12,894	12,894

Figure 5: Proposed Lot Line Adjustment



The applicant provided an illustration to show how New Lot D could be developed (Figure 6). As shown, the lot can be developed consistent with the lot size, setback, and site coverage requirements of the RS/DS zone. No development is proposed for New Lot 21; however, a new walkway will be constructed from the sidewalk along Fiddymment Road to provide City staff with access to the monitoring well. This requirement is included in the DAA.

The project includes a General Plan Amendment, Specific Plan Amendment, and Rezone to ensure that all of the involved property is appropriately designated and zoned for the proposed uses. The Lot Line Adjustment is intended to facilitate appropriate site development, and does not conflict with any of the City's development standards. The proposed lots are consistent with the planned development of the site and will result in lots that comply with the Zoning Ordinance.

Figure 6: Potential Residential Development

2. The proposed Lot Line Adjustment complies with the local building regulations, including the California Building Code.

The California Building Code (CBC) establishes building regulations based on the type of construction, the use of a building or structure, and a building's proximity to other buildings and property lines. The future construction and uses of the site will be reviewed for compliance with the City's Design and Development Standards and the CBC through the building permit process. Therefore, approval of the Lot Line Adjustment will not create conflicts with local building regulations. In addition, the project has been reviewed by the City's Building Division and no conflicts were identified.

3. The proposed Lot Line Adjustment provides for any necessary relocation of existing infrastructure or easements.

The project has been reviewed by various departments and divisions within the City of Roseville, and includes conditions to ensure that any relocations of easements or infrastructure are accommodated. No conflicts have been identified.

4. Compliance with General Plan and Subdivision Design Standards.

Consistent with the design standards in Section 18.08.020 of the City's Subdivision Ordinance, the combination of Lot 21 and Lot D is needed to create a lot that has adequate access to be built upon. To provide this access the resultant residential lot will have access the public street that is provided by a narrow strip of land, which is considered a flag lot. The City's Subdivision Ordinance discourages flag lots unless there are no other practical alternatives. Given that the City no longer needs the well site, and that the public streets and homes within the subdivision have already been constructed, the proposed

use and lot design are the only practical options. Because the existing subdivision could have been designed without a flag lot had the City not requested the well site, and that there are no feasible alternatives, staff supports the proposed lot design.

The reconfiguration of the parcels will result in lots which can be used and built upon, and which are practical for improvement based on the existing topography. No conflicts with the General Plan or Subdivision Design Standards have been identified.

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 November 29, 2019, and was distributed to all property owners within 300 feet of the project site. To date, no comments have been received.

CONCLUSION

As demonstrated by the analyses in the foregoing sections, the proposed project is consistent with the policies and intent of the General Plan and the WRSP. 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

Pursuant to CEQA Guidelines Section 15164, an addendum to the West Roseville Specific Plan Environmental Impact Report (WRSP EIR), which was adopted February 2, 2004 (SCH# 2002082057), has been prepared to address the minor technical changes needed to describe the proposed project. No additional analysis is required.

RECOMMENDATION

The Planning Division recommends the Planning Commission take the following actions:

- A. Consider the Addendum to the West Roseville Specific Plan EIR.
- B. Recommend the City Council approve the **General Plan Text and Land Use Amendment – 5181 Fiddymment Road – WRSP SPA #7 – PL19-0048**.
- C. Recommend the City Council approve the **Specific Plan Text and Land Use Amendment – 5181 Fiddymment Road – WRSP SPA #7 – PL19-0048**.
- D. Recommend the City Council adopt the two (2) findings of fact as stated in the staff report and approve the **Rezone – 5181 Fiddymment Road – WRSP SPA #7 – PL19-0048**.
- E. Recommend the City Council approve the **Development Agreement Amendment – 5181 Fiddymment Road – WRSP SPA #7 – PL19-0048**.
- F. Approve the **Lot Line Adjustment - 5181 Fiddymment Road – WRSP SPA #7 – PL19-0048** subject to twelve (12) conditions of approval.

CONDITIONS OF APPROVAL FOR A LOT LINE ADJUSTMENT

1. The Lot Line Adjustment is approved as shown in Exhibit F. (Planning, Engineering)
2. The following shall be submitted to Engineering prior to recordation of the Voluntary Merger or Lot Line Adjustment:
 - i. Two copies of property boundary description with exhibit map (8.5" x 11" sheet), and one copy of boundary closure calculations for resulting lots. These items shall be stamped and signed by a California Licensed Land Surveyor or Registered Civil Engineer authorized to practice land surveying.
 - ii. One copy of the Conditions of Approval.
 - iii. A completed Property Owner Consent Form.
 - iv. Deed to convey interest in the property.
 - v. Preliminary title report no older than six months for all properties involved. (Engineering)
3. If surveying monuments are placed as a result of this Property Line Adjustment, it will be the responsibility of the Surveyor to record a Record of Survey with the County Recorder's Office. (Engineering)
4. All existing easements shall be maintained, unless otherwise provided for in these conditions. (Environmental Utilities, Electric, Engineering)
5. The applicant shall submit to the Engineering Division of Public Works a paper copy and an electronic copy of the recorded Voluntary Merger or Lot Line Adjustment per the "Digital Submittal of Cadastral Surveys." (Environmental Utilities)
6. Prior to recordation of the Lot Line Adjustment, the applicant shall pay the City's surveyor's processing and consulting fee of \$150. (Engineering)
7. The address for the proposed residential parcel shall be 148 Vista Verde Ct. (Business Services)

OTHER CONDITIONS IF NEEDED TO RELOCATE FACILITIES AND EASEMENTS

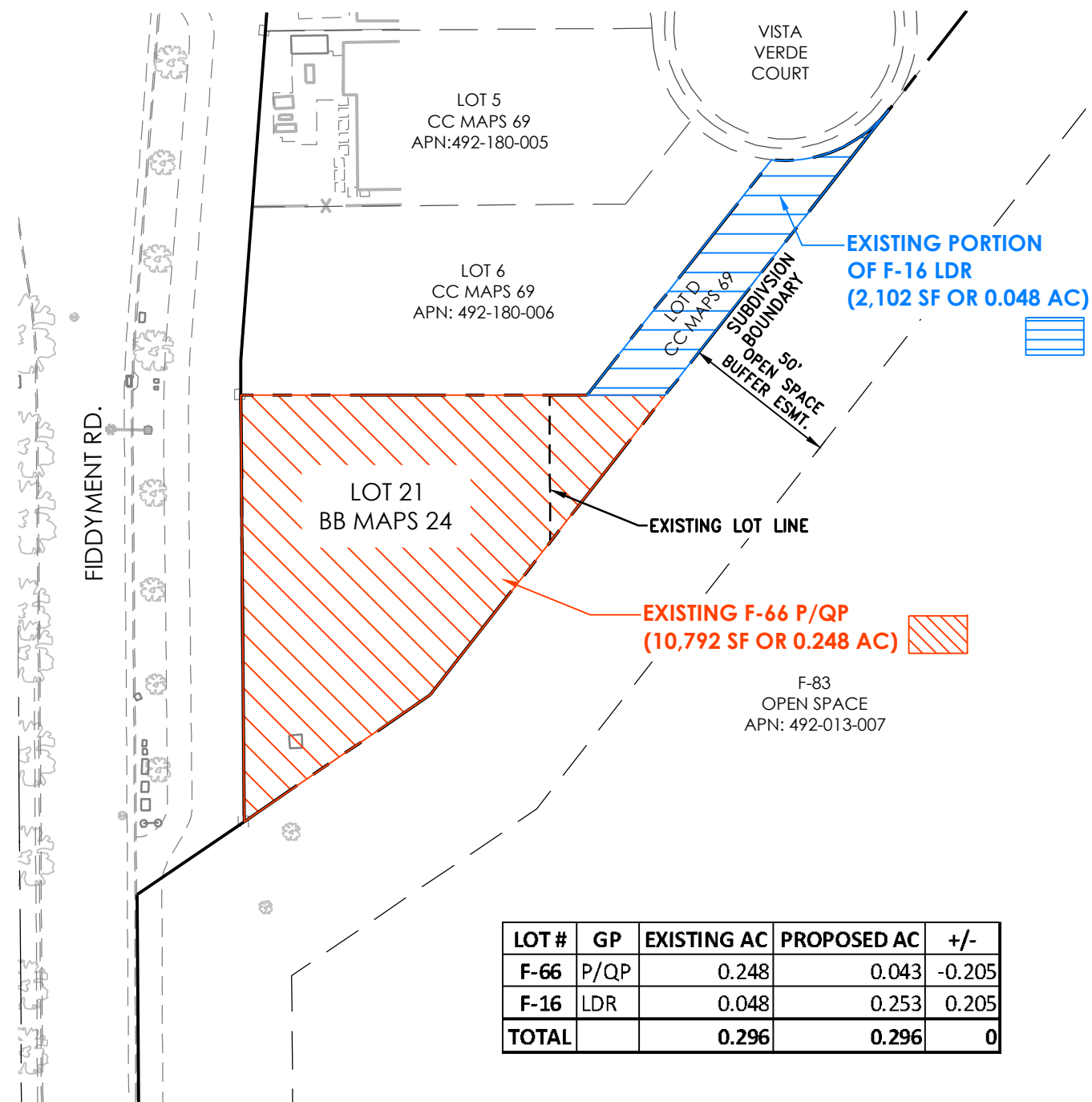
8. Easement widths shall comply with the City's Design and Construction Standards. (Engineering, Environmental Utilities, Electric)
9. Separate document easements required by the City shall be prepared in accordance with the City's "Policy for Dedication of Easements to the City of Roseville". All legal descriptions shall be prepared by a licensed land Surveyor. (Environmental Utilities, Electric, Engineering)
10. Any relocation, rearrangement, or change to existing City facilities due to this Voluntary Merger or Lot Line Adjustment shall be paid for by the applicant. (Engineering, Environmental Utilities, Electric)
11. All existing buildings shall conform to the California Building Code (CBC) with regard to the minimum distance to the property line. (Building)
12. Any structures crossing the adjusted parcel lines shall be removed prior to recordation of the Voluntary Merger or Lot Line Adjustment documents. (Engineering)

Exhibits

- A. Addendum to the WRSP for the WRSP SPA
- B. General Plan Amendment
- C. Specific Plan Amendment
- D. Rezone
- E. Eighth Amendment of the WRSP Development Agreement
- F. Lot Line Adjustment

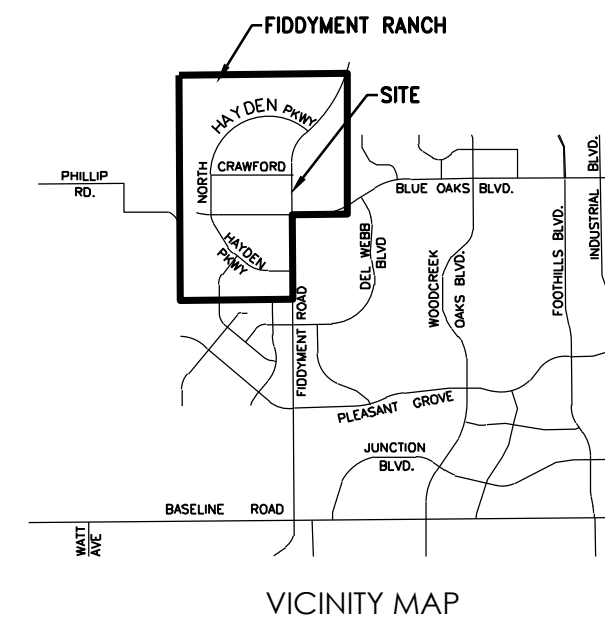
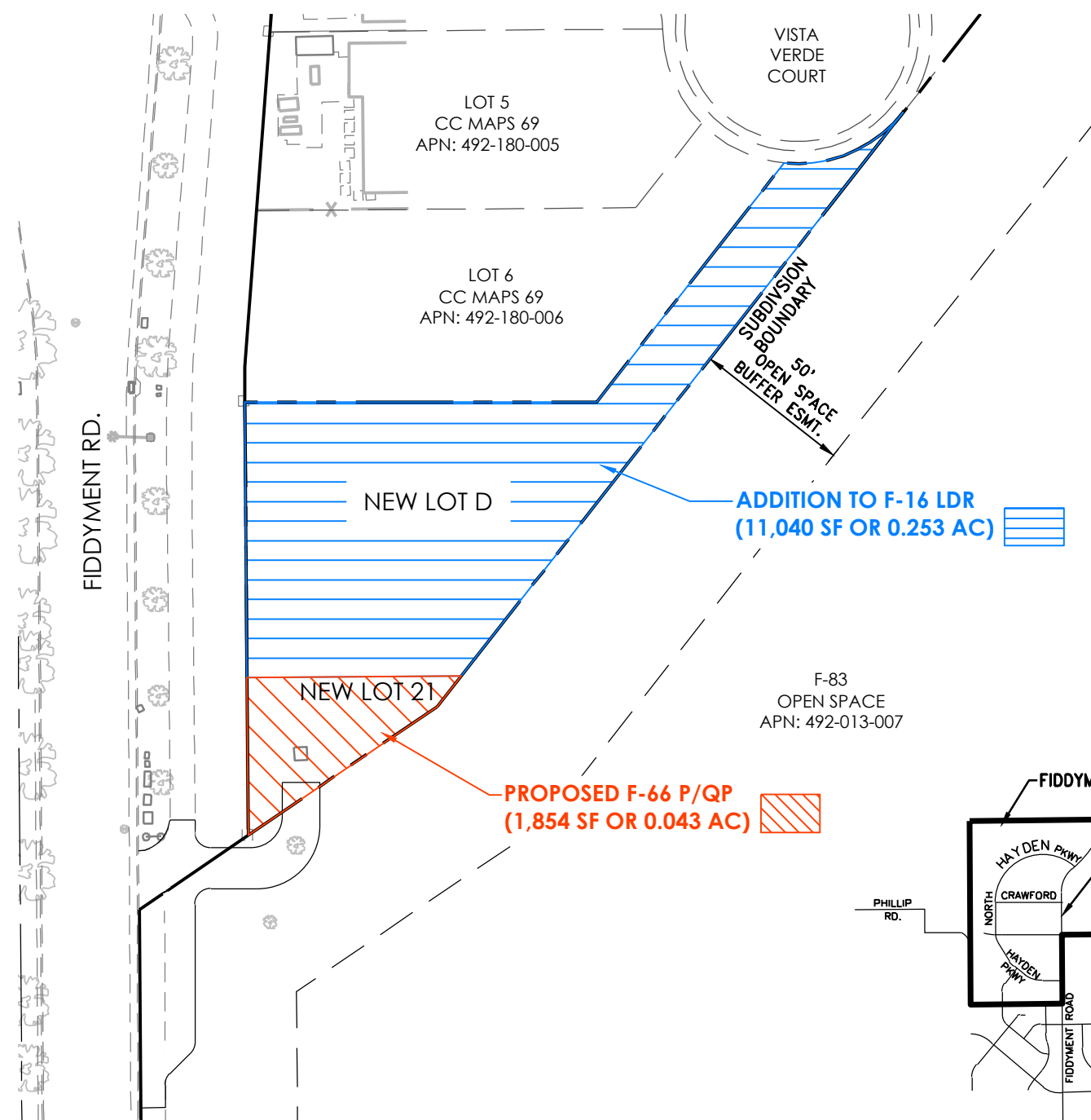
<u>Note to Applicant and/or Developer:</u> Please contact the Planning Division staff at (916) 774-5276 prior to the Commission meeting if you have any questions on any of the recommended conditions for your project. If you challenge the decision of the Commission in court, you may be limited to raising 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.
--

EXISTING GENERAL PLAN



LOT #	GP	EXISTING AC	PROPOSED AC	+/-
F-66	P/QP	0.248	0.043	-0.205
F-16	LDR	0.048	0.253	0.205
TOTAL		0.296	0.296	0

PROPOSED GENERAL PLAN



FIDDYMMENT RANCH F-66 PROPOSED GENERAL PLAN CITY OF ROSEVILLE, CALIFORNIA OCTOBER 25, 2019



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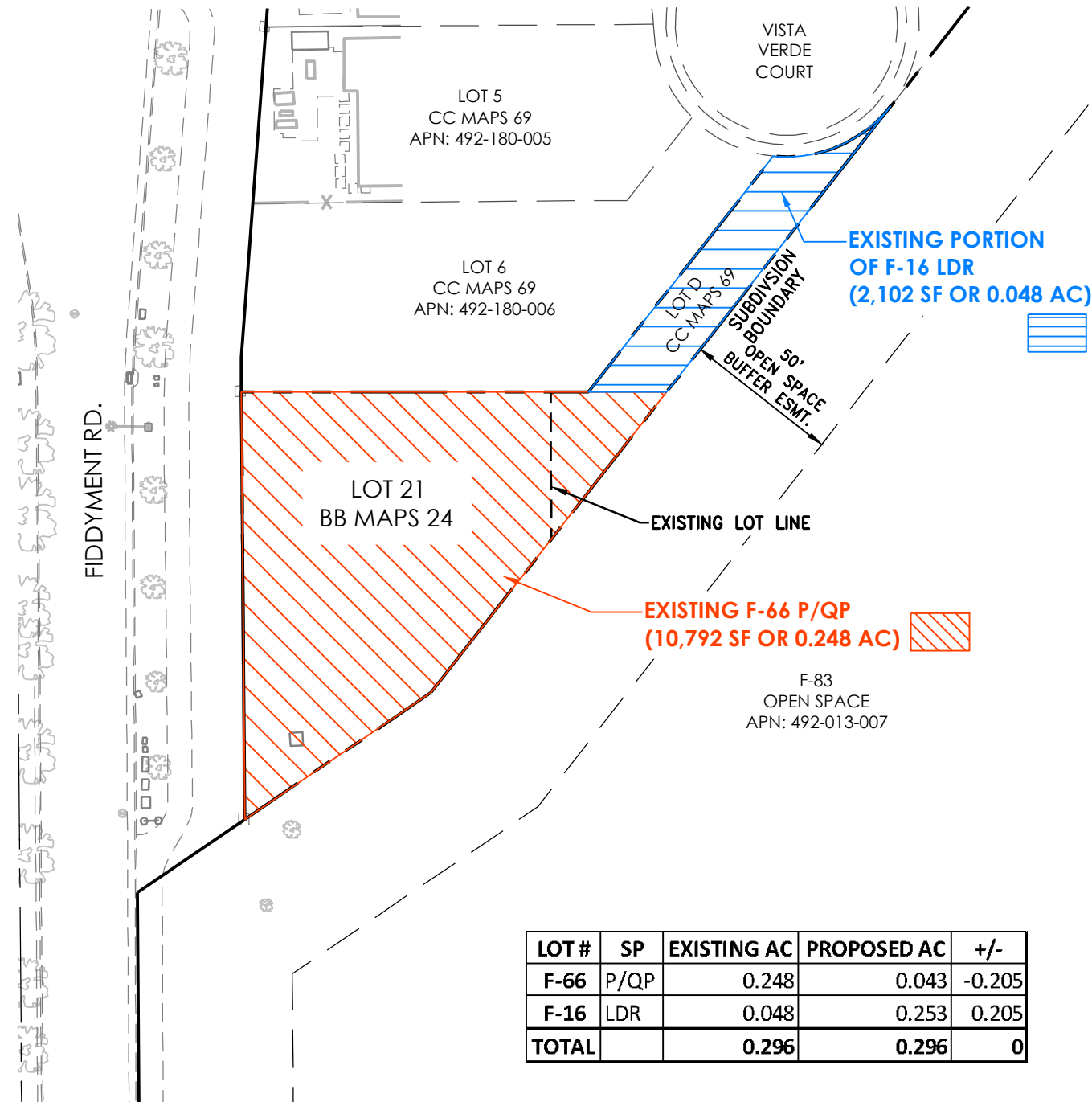
SCALE: 1" = 50'

WOOD RODGERS
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
3301 C St, Bldg. 100-B
Sacramento, CA 95816
Tel 916.341.7760
Fax 916.341.7767

SHEET 1 OF 1

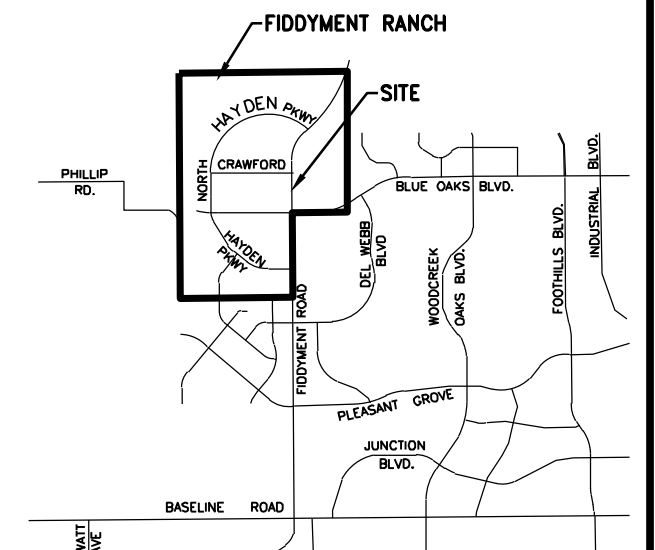
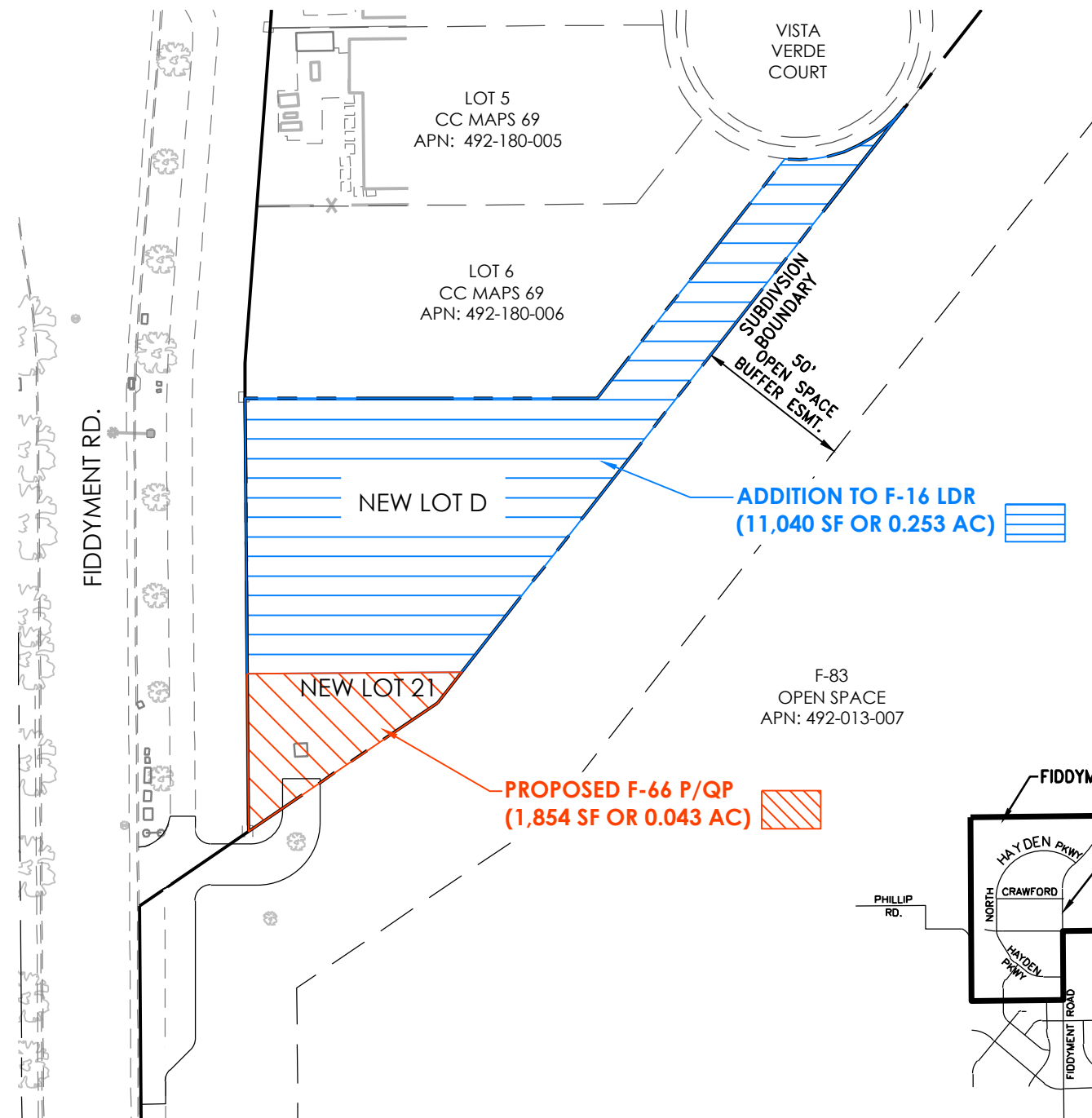
EXHIBIT - FIDDYMMENT RANCH F-66 WELL SITE

EXISTING SPECIFIC PLAN



LOT #	SP	EXISTING AC	PROPOSED AC	+/-
F-66	P/QP	0.248	0.043	-0.205
F-16	LDR	0.048	0.253	0.205
TOTAL		0.296	0.296	0

PROPOSED SPECIFIC PLAN



VICINITY MAP

FIDDYMENT RANCH F-66 PROPOSED SPECIFIC PLAN

CITY OF ROSEVILLE, CALIFORNIA

OCTOBER 25, 2019



0 25 50 100

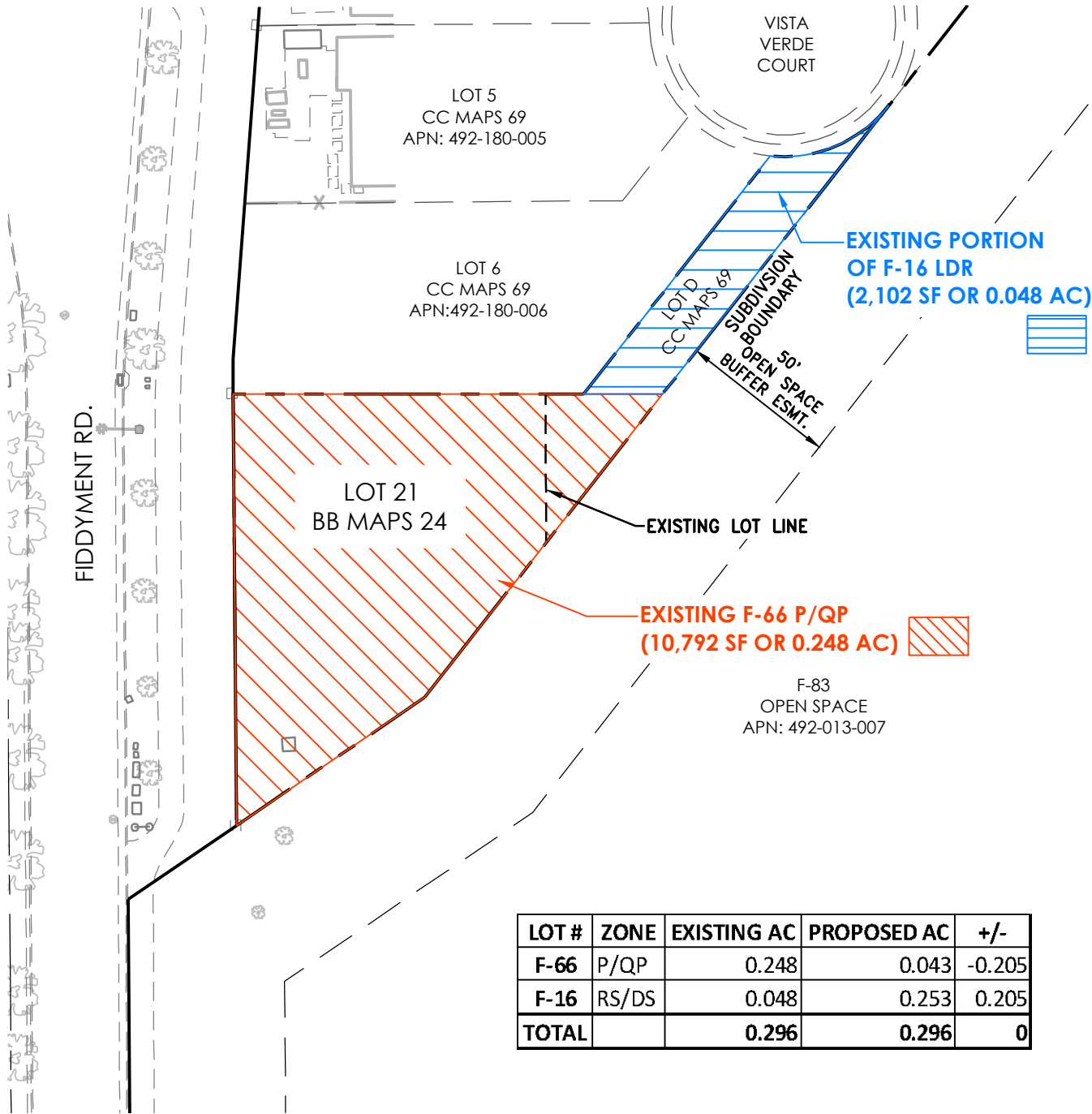
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SHEET 1 OF 1

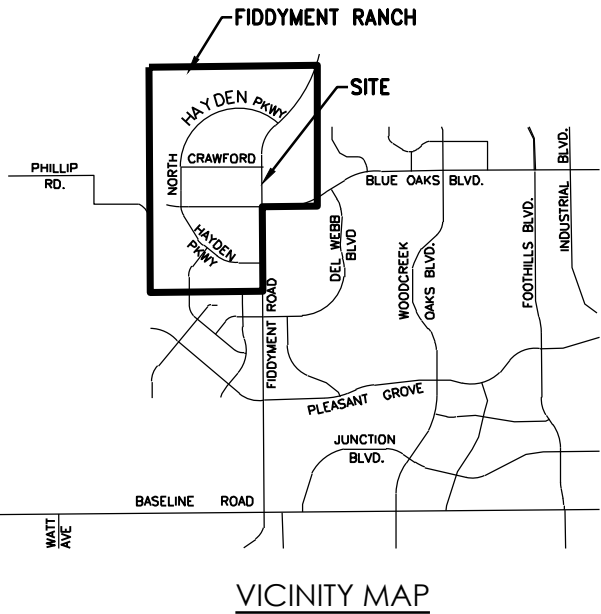
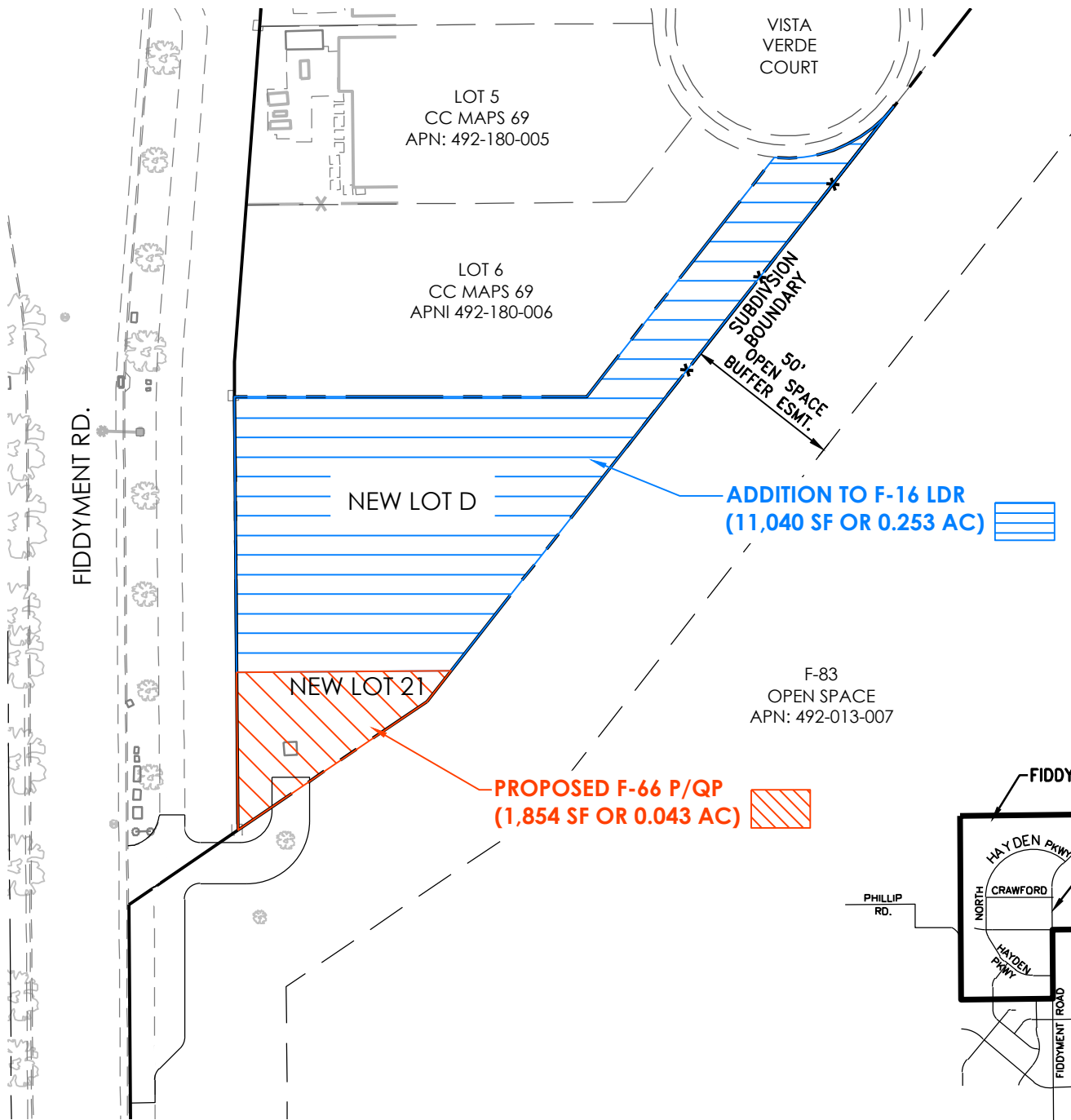
EXHIBIT - FIDDYMENT RANCH F-66 WELL SITE

EXISTING ZONING

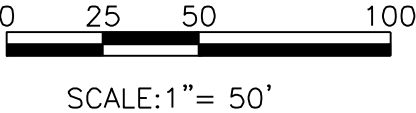


LOT #	ZONE	EXISTING AC	PROPOSED AC	+/-
F-66	P/QP	0.248	0.043	-0.205
F-16	RS/DS	0.048	0.253	0.205
TOTAL		0.296	0.296	0

PROPOSED ZONING



FIDDYMMENT RANCH F-66
PROPOSED ZONING
CITY OF ROSEVILLE, CALIFORNIA
OCTOBER 25, 2019



WOOD RODGERS
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
3301 C St, Bldg. 100-B
Sacramento, CA 95816
Tel 916.341.7760
Fax 916.341.7767

**EIGHTH AMENDMENT OF DEVELOPMENT AGREEMENT
BY AND BETWEEN
THE CITY OF ROSEVILLE
AND ATC REALTY ONE, LLC
RELATIVE TO THE WEST ROSEVILLE SPECIFIC PLAN**

This Eighth Amendment of Development Agreement ("Eighth Amendment") is entered into this ____ day of _____, 2020, by and between the CITY OF ROSEVILLE, a municipal corporation ("City") and ATC REALTY ONE, LLC, a Delaware limited liability company ("Developer"), pursuant to Sections 65864 through 65869.5 of the Government Code of California.

RECITALS

A. Developer's predecessor in interest, Roseville Fiddymont Land Venture, LLC ("RFLV") and City entered into a Development Agreement (the "Development Agreement") which was approved by the City Council of City on February 23, 2004, and recorded on June 21, 2004, in the Official Records of Placer County as Document No. 2004-0080708. The Development Agreement governs a portion of the West Roseville Specific Plan Area ("Specific Plan", "WRSP", or "Plan Area"). Except as otherwise defined herein, all capitalized terms used herein shall have the meanings ascribed thereto in the Development Agreement.

B. Certain terms of settlement agreements arising out of two lawsuits regarding the WRSP (Catalano v. Roseville and Defenders of Wildlife v. Norton) imposed additional conditions on the WRSP that require implementation through amendment of the Development Agreement.

C. On January 4, 2006, City and RFLV, by Ordinance No. 4324, entered into the First Amendment of the Development Agreement ("First Amendment"). The First Amendment was recorded on March 2, 2006, in the Official Records of Placer County as Instrument No. 2006-0022488.

D. On June 18, 2008, City and RFLV, by Ordinance No. 4668, entered into the Second Amendment of the Development Agreement ("Second Amendment"). The Second Amendment was recorded on July 22, 2008, in the Official Records of Placer County as Instrument No. 2008-0059263.

E. On September 2, 2009, City and RFLV, by Ordinance No. 4767, entered into the Third Amendment of the Development Agreement ("Third Amendment"). The Third Amendment was recorded on September 10, 2009, in the Official Records of Placer County as Instrument No. 2009-0078876.

F. On July 17, 2013, City and ATC Realty One, LLC, by Ordinance No. 5211, entered into the Fourth Amendment of the Development Agreement ("Fourth

Amendment”). The Fourth Amendment was recorded on August 20, 2013, in the Official Records of Placer County as Instrument No. 2013-0082174.

G. On May 7, 2014, City and ATC Realty One, LLC, by Ordinance No. 5337, entered into the Fifth Amendment of the Development Agreement (“Fifth Amendment”). The Fifth Amendment was recorded on June 18, 2014, in the Official Records of Placer County as Instrument No. 2014-0040699.

H. On August 6, 2014, City and West Roseville Development Company, Inc., by Ordinance No. 5385, entered into the Sixth Amendment of the Development Agreement (“Sixth Amendment”). The Sixth Amendment was recorded on August 14, 2014, in the Official Records of Placer County as Instrument No. 2014-0055752.

I. On September 15, 2017, City and ATC Realty One, LLC and Fiddymint 116 Lots, LLC, by Ordinance No. 5863, entered into the Seventh Amendment of the Development Agreement (“Seventh Amendment”). The Seventh Amendment was recorded on September 22, 2017, in the Official Records of Placer County as Instrument No. 2017-0073441.

J. This Eighth Amendment affects a portion of the property that is owned by Developer within the Plan Area (the “Eighth Amendment Property”), as described in Exhibit “A” and depicted in Exhibit “B” attached to this Eighth Amendment.

K. This Eighth Amendment affects the Eighth Amendment Property and shall run with the land described herein.

L. The Eighth Amendment is authorized by Section 1.4 of the Development Agreement.

NOW THEREFORE, THE PARTIES MUTUALLY AGREE AS FOLLOWS:

1. AMENDMENT OF DEVELOPMENT AGREEMENT. The following sections and exhibits of the Development Agreement are hereby amended as follows:

a. Extended Term. For purposes of Section 1.3, City and Developer hereby agree to extend the term of the Development Agreement to and through March 29, 2054, unless the Development Agreement is terminated, modified or extended by circumstances set forth in the Development Agreement, as amended, or by mutual consent of the parties hereto.

b. REVISED SECTION 2.2. The approved land use of certain parcels within the Eighth Amendment Property has changed; therefore, the cumulative summary

of land uses and approximate acreages, net of road right-of-way, set forth in Section 2.2 of the Development Agreement is hereby amended to read as follows:

Low Density Residential	3,241 Units on 770.1 Net Acres
Medium Density Residential	836 Units on 80.51 Net Acres
High Density Residential	1,792 Units on 72.48 Net Acres
Community Commercial	45.78 Net Acres
Business Professional	0 Net Acres
Park	203.0 Net Acres
Open Space	340.12 Net Acres
Open Space (Paseo)	6.66 Net Acres
Schools	71.95 Net Acres
Fire Station	2.51 Net Acres
Electric Substation	1.55 Net Acres
Well Site	0.22 Net Acres
Other Public (Right of Way)	111.73 Net Acres

c. REVISED SECTION 3.7.5. Section 3.7.5 is revised in its entirety to read as follows:

“3.7.5 Groundwater Wells. Developer shall dedicate to City Parcel F-67 in Phase 1 and shall construct one (1) groundwater well at the approximate location shown on Revised Exhibit “W” and prepare the well according to industry standards subject to approval by the Environmental Utilities Director. The exact location of the well and well site and qualifications of the design firm, well drilling contractor and construction inspection services provider shall be reviewed and approved by the Environmental Utilities Director prior to construction. The well shall be designed to include Aquifer Storage and Recovery capabilities and, to the extent feasible, shall achieve a yield of approximately 1,800 gallons per minute (GPM). Developer shall drill the well upon the earlier of the need for the well to provide water services to the Project, or prior to residential construction and concurrent with construction of adjacent roadways. City shall be responsible for construction of the above ground portion of the groundwater well facility (site improvements and pumping facilities).

It has been determined that the Phase 2 well site (F-66) DOES NOT have access to groundwater of such quality that only disinfection will be required to meet the California Drinking Water Quality Standards. In lieu of providing a production well at the Phase 2 well site (F-66) Developer shall fund the drilling of a well, to be located off-site of the Eighth Amendment Property, on property selected and acquired by the City. The cost of drilling the off-site production well shall be an amount mutually agreed to by City and Developer at the time that the City is ready to drill the offsite well, and the Developer shall pay the well drilling cost to the City upon City's written notification to the Developer of City's readiness to begin drilling of the off-site well.

Notwithstanding the foregoing, if the City adopts a revised water connection fee which encompasses the costs of constructing the groundwater well (including but not limited to, permitting, design, construction, design support during the construction phase, construction management, inspection, administrative and legal), the Developer shall be relieved of the Well Construction Requirements set forth in this Section 3.7.5.

Monitoring wells have been constructed on the F-66 well site, and it has been determined that the site was not suitable for a production well. As a result the F-66 well site is to be reduced to a parcel that contains the existing monitoring wells, and the remainder of the original F-66 well site is to be converted to a single family residential lot. The process for converting the F-66 well site to a residential lot shall be as follows:

- The portion of the F-66 (Lot 21) well site containing the Monitoring Well shall be deeded to the City.
- The Irrevocable Offer of Dedication for the remainder of the F-66 (Lot 21) well site shall be quit claimed by the City.
- The adjacent Lot D (the F-66 well site driveway parcel) shall be quit claimed by the City and by the original grantor of the parcel to the Developer.
- The City shall issue a Certificate of Compliance verifying that the two parcels consist of one buildable single family detached lot.
- The Developer shall construct the following improvements to the resultant monitoring well site prior to issuance of a building permit for the single family residence:
 - Widen the sidewalk along Fiddymment Road adjacent to the monitoring well site at F-66 to provide parking for maintenance access. Modification of the exiting curb and gutter may be required to accommodate maintenance vehicle access to the area.
 - Construct a 6' high masonry wall along the north boundary of the monitoring well site.
 - Construct a 6' high open iron fence along the southeast boundary of the monitoring well site, including a 10' wide gate.
 - Construct a 3' wide walkway between the widened section of the Fiddymment Road sidewalk and the monitoring well site."

d. REVISED SECTION 3.7.8. OF THE “FIFTH AMENDMENT”. Section 3.7.8 of the “Fifth Amendment” is revised in its entirety to read as follows:

“3.7.8 Water Conservation Goal for the Property. The City has determined, and the Developer agrees, that the available water supply is sufficient to serve the Property. This determination was the conclusion of a review of the demand and source issues created by the projected build-out of the Property. The demand for water at build-out of the Property was determined by reference to the City’s current information on water usage for the various land uses included and permitted within the City and the proposed land uses within the Property and by reference to the Developer’s Water Conservation Plan which includes a reduction in water use by 20.4% over current use characteristics.

The sources for water evaluated for the Project are the same types of source currently used throughout the City; namely, surface water contracts with federal and local agencies and the use of groundwater. City and Developer are satisfied that the demand and source assumptions relied upon to assure water for the Project (including the Fifth Amendment Property) are valid.”

e. REVISED EXHIBIT “F” – PHASING PLAN. Exhibit “F” – Infrastructure Phasing Plan, Sheet 3 of 10 is hereby revised in accordance with the attached Revised Exhibit “F” to add Parcel F-71 to Phase 2 and remove it from Phase 3.

2. EXHIBITS. The following New Exhibits and Revised Exhibits are attached hereto and incorporated herein by reference and hereby replace and supersede the respective Exhibits previously attached to the Development Agreement. Accordingly, all references to the applicable Exhibits in the Development Agreement, as amended hereby, shall mean and refer to the corresponding New and Revised Exhibits below:

New Exhibit A	Description of Eighth Amendment Property
New Exhibit B	Depiction of Eighth Amendment Property
Revised Exhibit F	Infrastructure Phasing Plan, Sheet 3 of 10
Revised Exhibit W	Location of Groundwater Well

3. CONSISTENCY WITH GENERAL PLAN. The City Council has found and determined that this Eighth Amendment of the Development Agreement is consistent with the General Plan and the West Roseville Specific Plan.

4. AMENDMENT. This Eighth Amendment amends, but does not replace or supersede, the Development Agreement, except as specified herein. As amended hereby, the Development Agreement remains in full force and effect.

5. FORM OF AMENDMENT. This Eighth Amendment is executed in two duplicate originals, each of which is deemed to be an original.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Eighth Amendment 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

ATC REALTY ONE, LLC,
a Delaware limited liability
company

By: _____
Dominick Casey
City Manager

By: _____
Its: _____

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

Exhibit A
Description of Eighth Amendment Property

EXHIBIT 'A'

WRSP Fiddymment Ranch DAA No. 8
Description of Properties Subject to DAA No. 8

Properties owned by ATC Realty One, LLC:

All that real property, located in the City of Roseville, County of Placer, State of California as shown on Exhibit B attached and described as follows:

Lots 21, 23, 24, 25, & 26, as shown on the Final Map of Fiddymment Ranch Phase 2 Large Lot Subdivision, Subdivision No. 03-11, recorded in Book BB of Maps, at page 24, Placer County Records

Lot 1, as shown on the Final Map of Fiddymment Ranch Phase 3A Large Lot Subdivision, Subdivision No. 000024, recorded in Book BB of Maps, at page 88, Placer County Records

Properties owned by WRDC, Inc.:

All that real property, located in the City of Roseville, County of Placer, State of California as shown on Exhibit B attached and described as follows:

Lots 15, 17, 19 & 22, as shown on the Final Map of Fiddymment Ranch Phase 1 Large Lot Subdivision, Subdivision No. 03-11, recorded in Book AA of Maps, at page 10, Placer County Records

Properties owned by Taylor Builders, Inc.:

All that real property, located in the City of Roseville, County of Placer, State of California as shown on Exhibit B attached and described as follows:

Lot 17, as shown on the Final Map of Fiddymment Ranch Phase 2 Large Lot Subdivision, Subdivision No. 03-11, recorded in Book BB of Maps, at page 24, Placer County Records

Lots 1, 2, 3, 4, 5, 6, 7, 9, & 10, as shown on the Final Map of Fiddymment Ranch Phase 3 Large Lot Subdivision, Subdivision No. PL-0564, recorded in Book EE of Maps, at page 74, Placer County Records

Properties owned by Taylor Morrison Homes, Inc.:

All that real property, located in the City of Roseville, County of Placer, State of California as shown on Exhibit B attached and described as follows:

Lots 1, 2 & 3, as shown on the Final Map of Fiddymment Ranch Phase 2A Large Lot Subdivision, Subdivision No. PL-0364, recorded in Book DD of Maps, at page 88, Placer County Records

Properties owned by Roseville Schools, LLC:

All that real property, located in the City of Roseville, County of Placer, State of California as shown on Exhibit B attached and described as follows:

Lot 8, as shown on the Final Map of Fiddymment Ranch Phase 3 Large Lot Subdivision, Subdivision No. PL-0564, recorded in Book EE of Maps, at page 74, Placer County Records

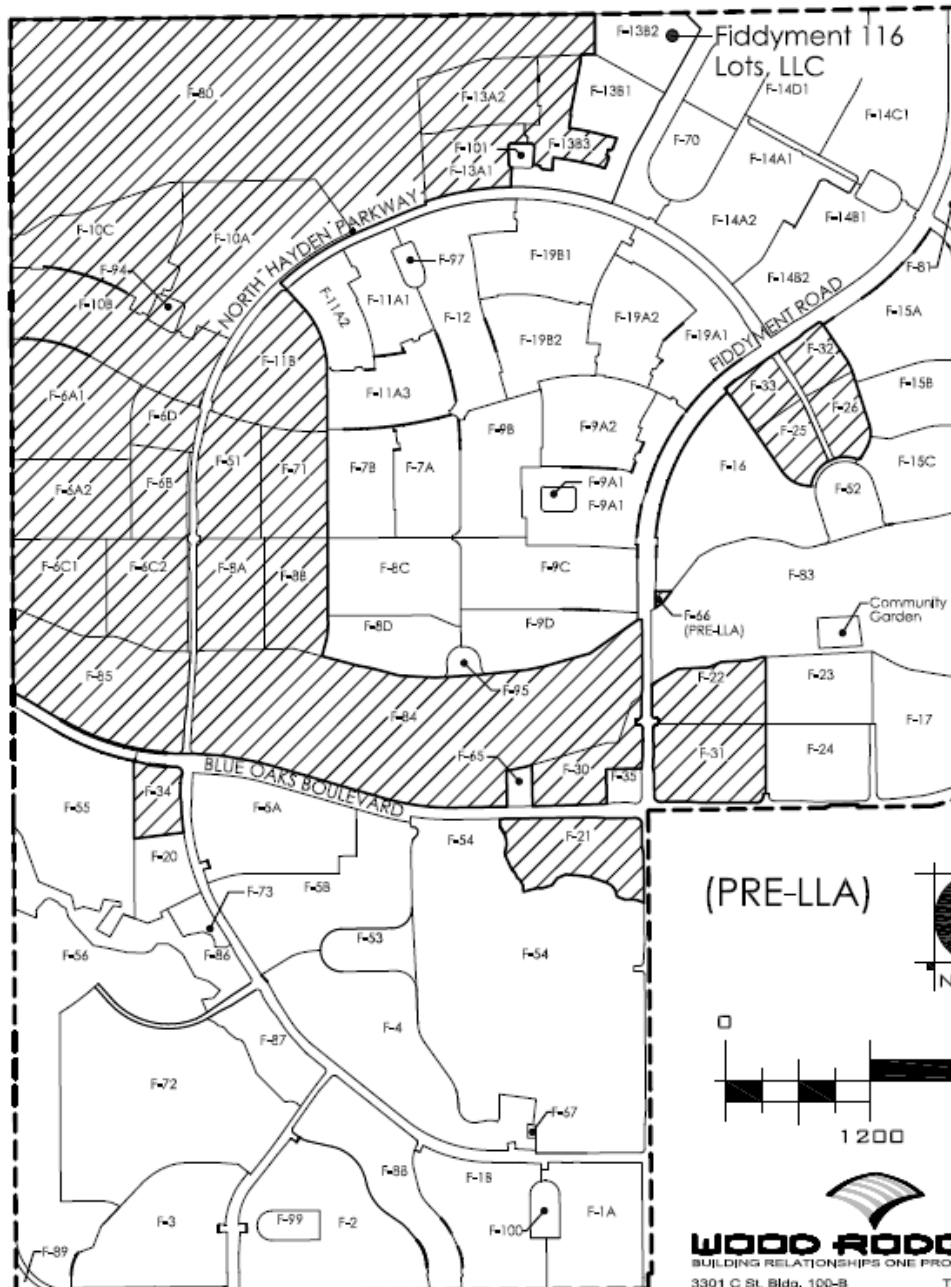
Exhibit B
Depiction of Eighth Amendment Property

EXHIBIT B

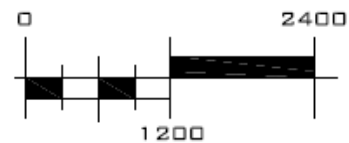
WRSP FIDDYMENT RANCH DAA NO.8

PROPERTIES SUBJECT TO DAA NO.8

DECEMBER 2019



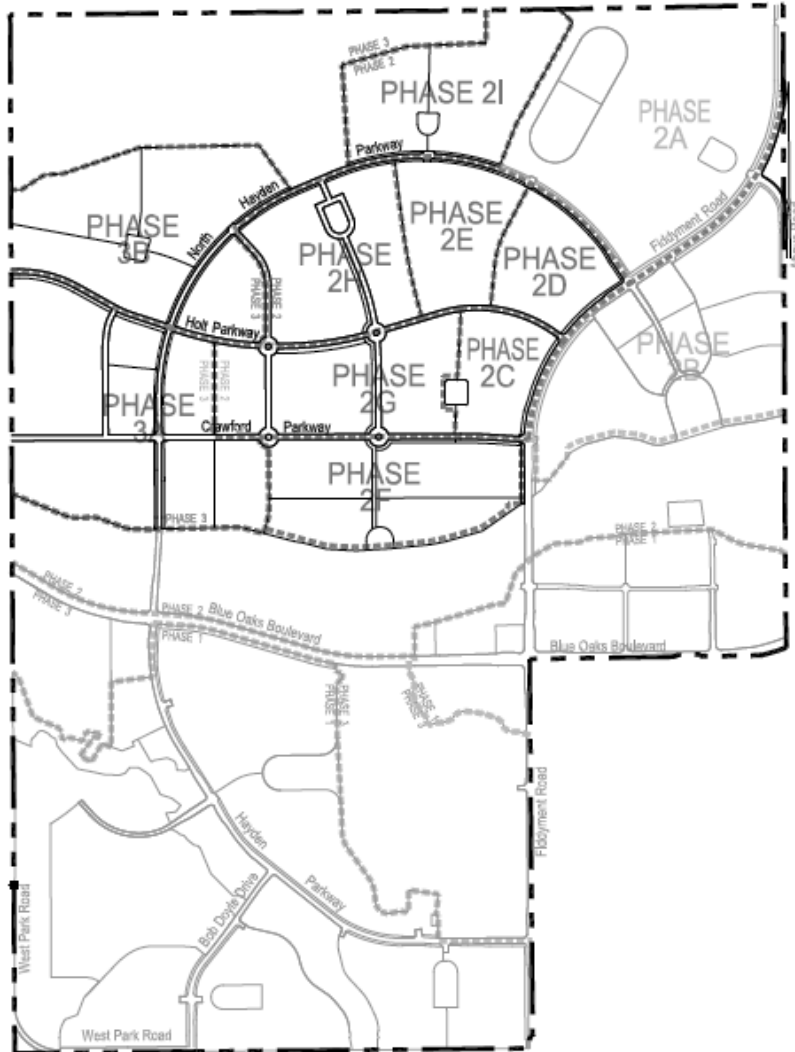
(PRE-LLA)



WOOD RODGERS
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
3301 C St, Bldg. 100-B
Sacramento, CA 95815
Tel 916,341,7760
Fax 916,341,7767

**Revised Exhibit F
Infrastructure Phasing Plan, Sheet 3 of 10**

REVISED Exhibit F
FIDDYMENT RANCH - SPA 3 Infrastructure Phasing Plan
Infrastructure Phasing
 Sheet 3 of 10
 (ORIGINAL EXHIBITS ARE AVAILABLE AT THE ROSEVILLE CITY CLERK DEPARTMENT)



SCALE: 1"=1000'

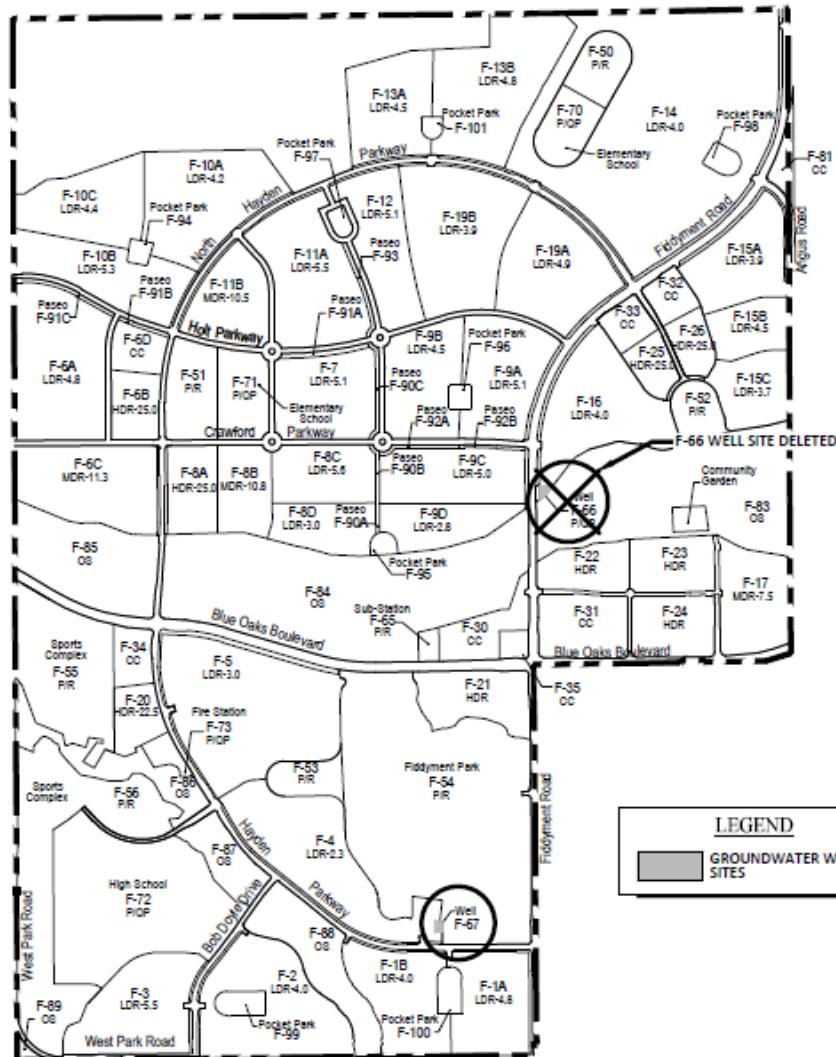


WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St, Bldg. 100-B
 Sacramento, CA 95816
 Tel 916.341.7760
 Fax 916.341.7767

**Revised Exhibit W
Location of Groundwater Well**

**REVISED Exhibit W
Location of Groundwater Wells**

(ORIGINAL EXHIBITS ARE AVAILABLE AT THE ROSEVILLE CITY CLERK DEPARTMENT)



SCALE: 1" = 1500'

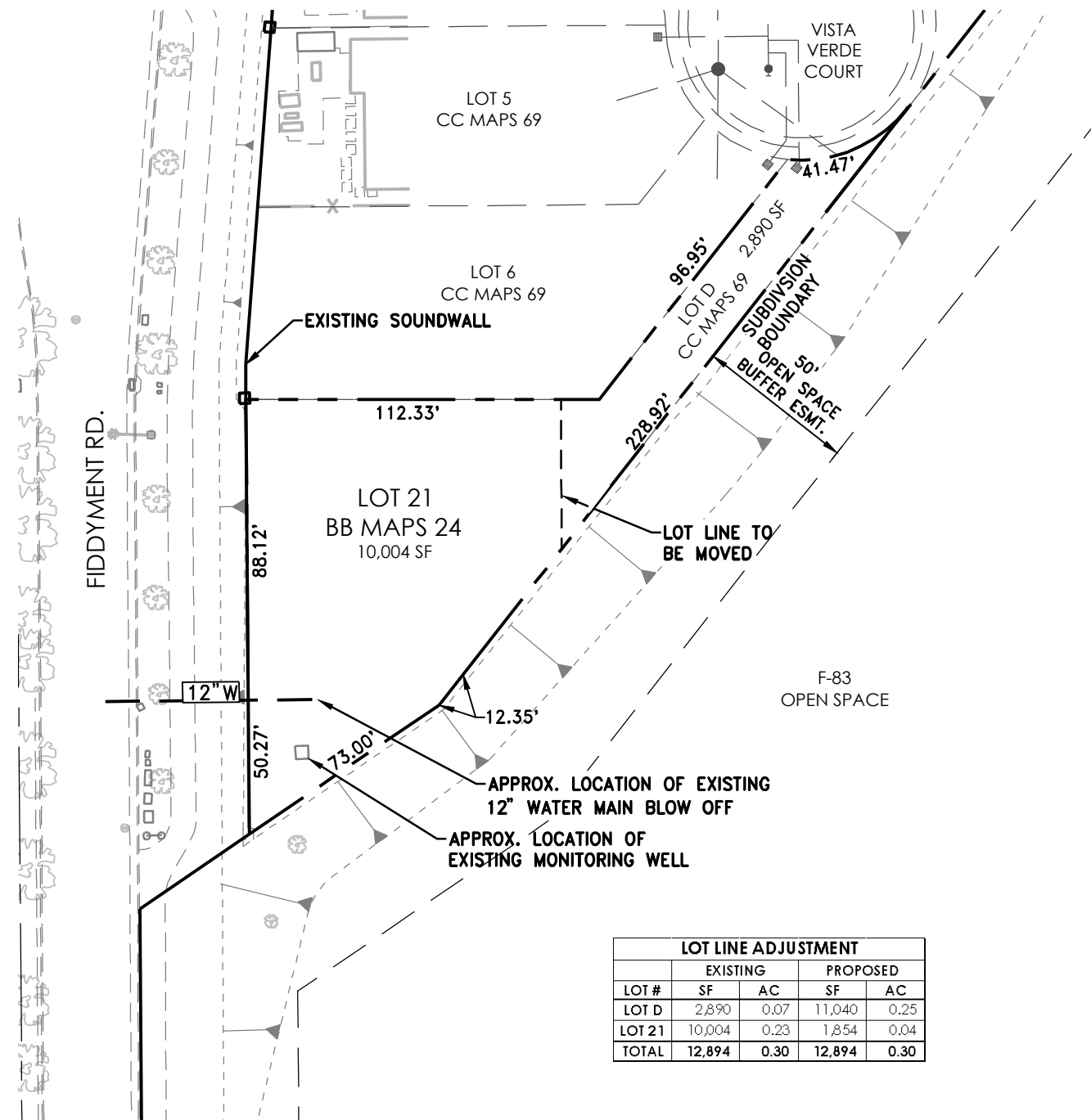


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Sacramento, CA 95816

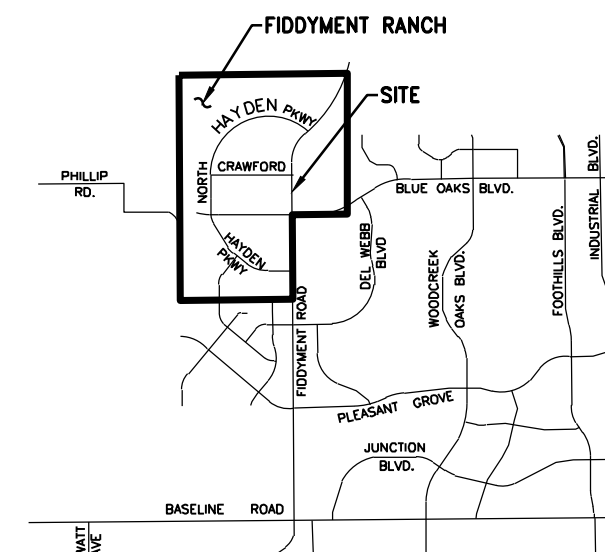
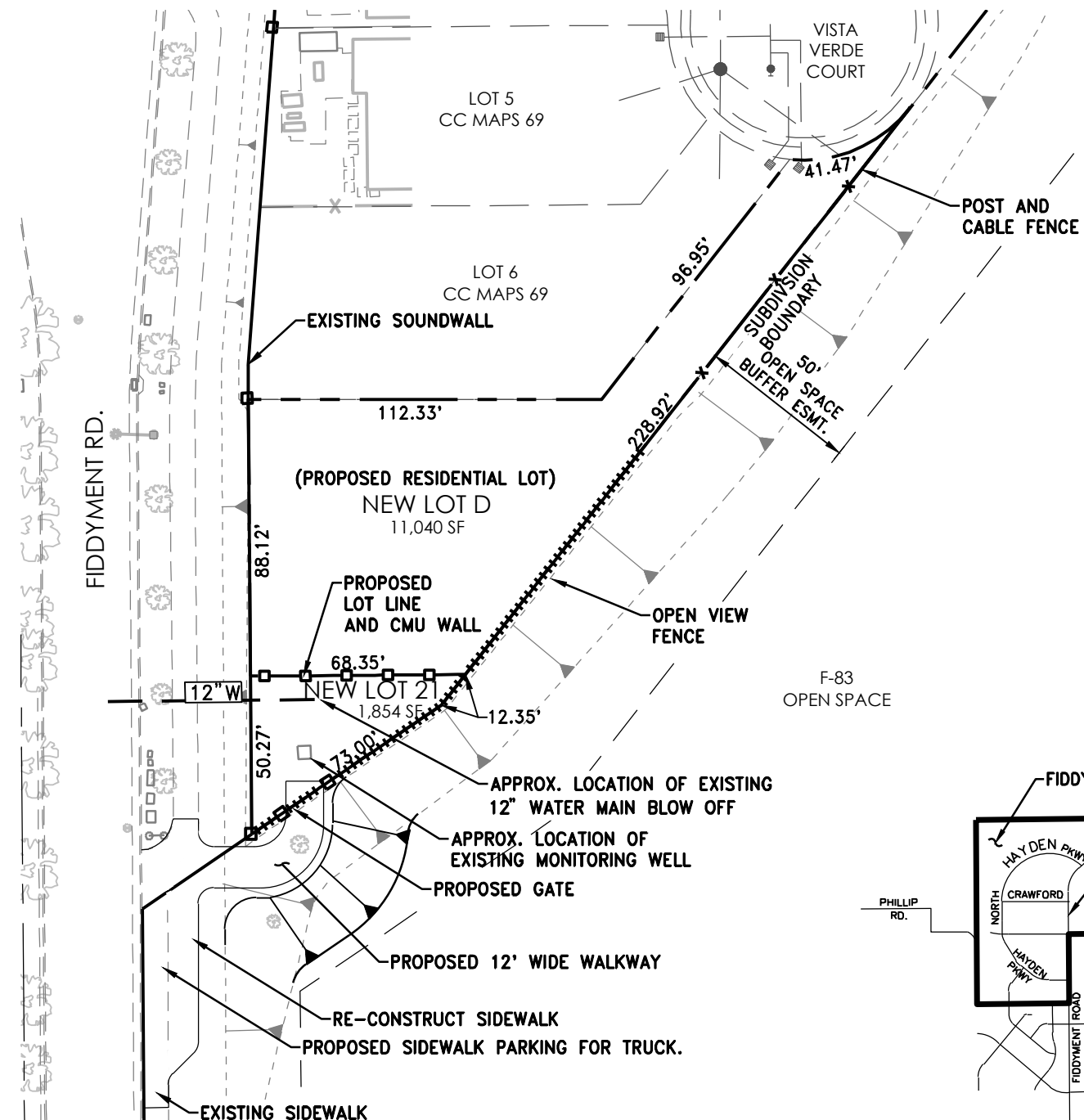
Tel 916.341.7760
Fax 916.341.7767

EXISTING PARCELS



LOT LINE ADJUSTMENT				
LOT #	EXISTING		PROPOSED	
	SF	AC	SF	AC
LOT D	2,890	0.07	11,040	0.25
LOT 21	10,004	0.23	1,854	0.04
TOTAL	12,894	0.30	12,894	0.30

PROPOSED ADJUSTED PARCELS



FIDDYMMENT RANCH F-66 EXISTING AND PROPOSED LOT LINE ADJUSTMENT CITY OF ROSEVILLE, CALIFORNIA OCTOBER 25, 2019



0 25 50 100

SCALE: 1" = 50'

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Sacramento, CA 95816
Tel 916.341.7760
Fax 916.341.7767

SHEET 1 OF 1

EXHIBIT - FIDDYMMENT RANCH F-66 WELL SITE

J:\1000-s\1027-Fiddyment Ranch\Phase2\Parcel.dwg 10/25/2019 2:06 PM Nicholas Wilk



ADDENDUM TO THE WEST ROSEVILLE SPECIFIC PLAN ENVIRONMENTAL IMPACT REPORT (SCH # 2002082057, ADOPTED FEBRUARY 2, 2004) FOR THE WEST ROSEVILLE SPECIFIC PLAN AMENDMENT #7 FOR PARCEL F-71 AND F-66 PROJECT (FILE # PL19-0048)

Project Title/File Number:	WRSP SPA #7 for PCL F-71 and F-66 – File # PL19-0048
Project Location:	5181 Fiddymment Road; APN 492-010-027
Project Description:	The applicant requests a General Plan Amendment, Specific Plan Amendment, and Rezone to change the land use and zoning designation on Parcel F-66 from Public/Quasi Public (P/QP) to Low Density Residential (LDR), a Development Agreement Amendment to reflect this change and to move Parcel F-71 from Phase 3 to Phase 2 of the West Roseville Specific Plan, and Lot Line Adjustment.
Project Applicant:	Steve Hicks, Signature Management Company
Property Owner:	ATC Realty One, LLC
Lead Agency Contact:	Charity Gold, Associate Planner

An Addendum to a previously certified and adopted negative declaration or environmental impact report 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 or negative declaration 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.

Table of Contents

Project Description		3
Purpose and Scope of Addendum		5
Initial Study Checklist		
I.	Aesthetics	10
II.	Agricultural & Forestry Resources	11
III.	Air Quality	13
IV.	Biological Resources	15
V.	Cultural Resources	17
VI.	Energy	19
VII.	Geology and Soils	28
VIII.	Greenhouse Gases	22
IX.	Hazards and Hazardous Materials	23
X.	Hydrology and Water Quality	25
XI.	Land Use and Planning	28
XII.	Mineral Resources	29
XIII.	Noise	30
XIV.	Population and Housing	33
XV.	Public Services	34
XVI.	Recreation	35
XVII.	Transportation / Traffic	37
XVIII.	Tribal Cultural Resources	39
XIX.	Utilities and Service Systems	41
XX.	Mandatory Findings of Significance	43
Environmental Determination		44
Attachments		44

PROJECT DESCRIPTION

Project Location

The project is located on two parcels within the West Roseville Specific Plan (WRSP). WRSP Parcel F-66, which is located at 5181 Fiddymment Road, approximately 440 feet south of the intersection of Fiddymment Road and Old Coach Drive, and at the terminus of Vista Verde Court and WRSP Parcel F-71, which is located on the southwest side of the intersection of Holt Parkway and Pruett Drive (see Figure 1 and Figure 2).

Figure 1: Project Location

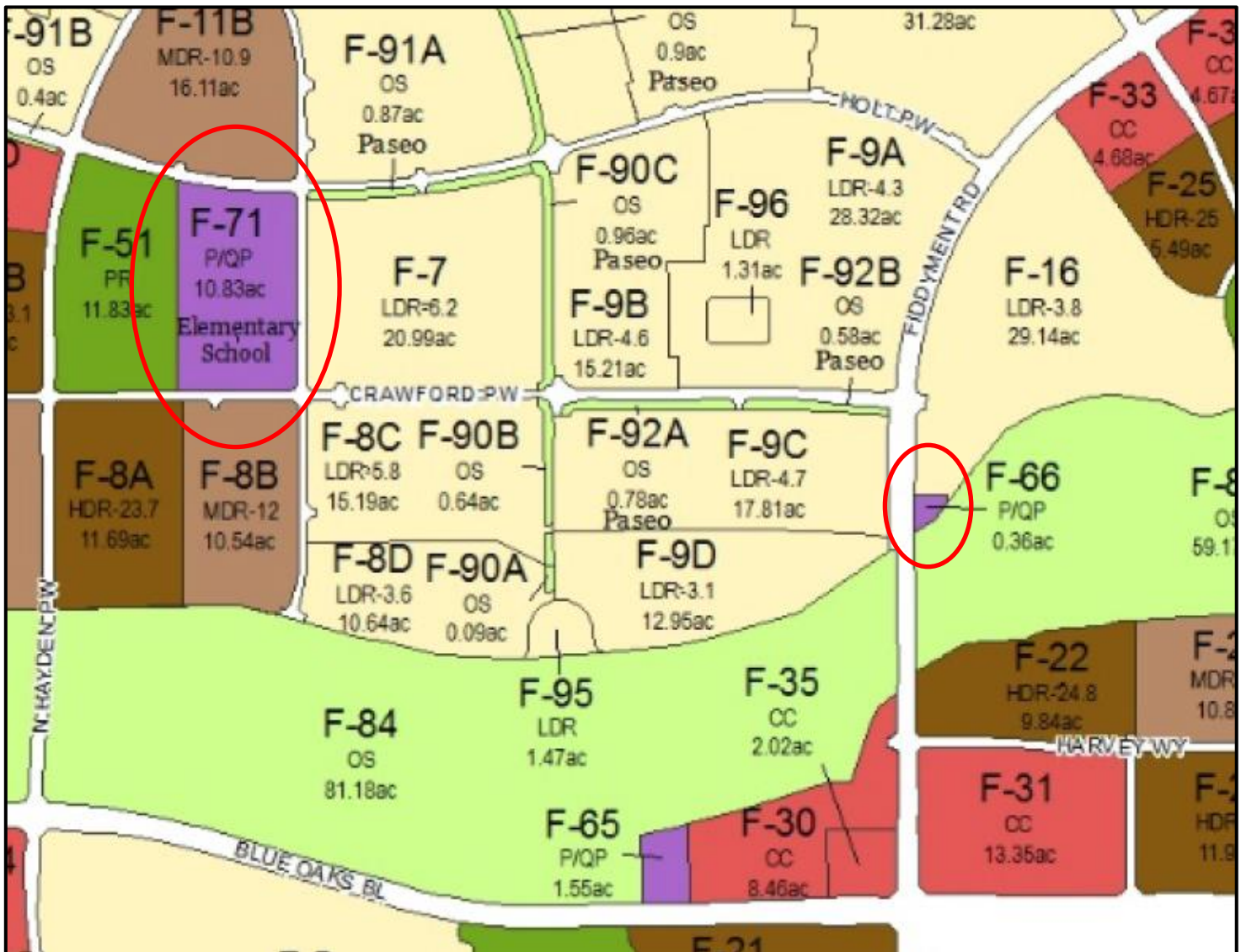


Figure 2: Project Location Aerial



Background

West Roseville Specific Plan

The project site is located within the WRSP. The WRSP includes 3,162 acres in the northwest portion of the City. The WRSP is located west of Fiddymont Road, generally north of Pleasant Grove Boulevard. The WRSP area was annexed into the City of Roseville from unincorporated Placer County. The WRSP includes 8,792 single and multi-family units, including approximately 704 age-restricted units, 57 acres of Commercial, 109 acres of Industrial, 255 acres of Park, 705 acres of Open Space, and 108 acres of Schools. At build-out, the WRSP area is expected to accommodate approximately 22,332 residents and provide 3,726 jobs. The WRSP was approved by the City in February 2004. The City prepared and certified an environmental impact report (EIR) for the WRSP at that time. In 2014, the City approved the Fiddymont Ranch Specific Plan Amendment 3 (SPA 3) to the WRSP. The SPA 3 included amendments to the WRSP to change the land use allocations on

approximately 805 acres in the northern portion of the 1,678-acre Fiddymment Ranch area of the WRSP. The SPA 3 amended the WRSP to accommodate up to 1,661 additional residential units in the Fiddymment Ranch area. The City prepared and certified a subsequent EIR (SEIR) for the SPA3 project.

The WRSP identifies Parcel F-71 as an elementary school site to be constructed in Phase 3 of the specific plan, and Parcel F-66 as a domestic water well site. The development requirements for these sites were adopted as part of the Development Agreement by and between the City and Fiddymment Land Venture, LLC, which was approved by City Council concurrent with the WRSP on February 4, 2004.

Environmental Setting

Parcel F-66 is located adjacent to Fiddymment Road to the west, existing single family development to the north, Vista Verde Court to the east, and an open space corridor to the south. The site contains an existing monitoring well that is accessed from Vista Verde Court. Parcel F-66 is surrounded by single family development to the east, planned medium density development to the south, and a planned park to the west. The subject properties have been heavily disturbed and graded as part of the existing adjacent development.

Proposed Project

The proposed project includes an amendment to the WRSP development agreement which will move construction of the elementary school site on Parcel F-71 from Phase 3 to Phase 2 of the specific plan and will remove Parcel F-66 from the groundwater section, thus allowing the site to be constructed with one single family dwelling unit. Parcel F-66 was designated as Public/Quasi Public and reserved to be developed with a potable water well. As the WRSP has been developing, the City has determined that the existing wells are sufficient and that the site is no longer needed for public purposes. Because the site is designated P/QP, a General Plan Amendment, Specific Plan Amendment, and Rezone are needed to change the land use designations to allow the site to be developed with one single family residence. The project includes entitlements which would allow development of one single family residence contiguous with an existing residential subdivision and will not result in development outside the area that was approved with the WRSP.

PURPOSE AND SCOPE OF ADDENDUM

As discussed in the Background Section, an Environmental Impact Report (EIR) was certified for the West Roseville Specific Plan (WRSP) on February 4, 2004, and a Subsequent EIR (SEIR) was certified for the Fiddymment Ranch Specific Plan Amendment (SPA3) on April 16, 2014. Both the 2004 EIR and 2014 SEIR are available on the City of Roseville's website at the following web address:

<https://www.roseville.ca.us/cms/One.aspx?portalId=7964922&pageId=8775152>

The proposed project is substantially consistent with the anticipated development on the project site as was contemplated within the WRSP.

The 2004 WRSP EIR identified the following impacts as significant and unavoidable:

- Potential incompatibility of internal land uses (WRSP and Remainder Areas)
- Conversion of agricultural land to developed uses (WRSP Area)
- Inducement of substantial population growth (WRSP and Remainder Areas)
- Increased traffic on City of Roseville roadways (SOI, WRSP, and Remainder Areas)
- Increased traffic on State Highways (SOI, WRSP, and Remainder Areas)
- Increased traffic on Placer County roadways (SOI, WRSP, and Remainder Areas)
- Increased traffic on City of Rocklin roadways (SOI and Remainder Areas)
- Increased traffic on Sacramento County roadways (SOI and Remainder Areas)

- Increased congestion due to proposed General Plan Pedestrian District Overlay (SOI and Remainder Areas)
- Increased emissions of fugitive dust and PM10 from grading and trenching activities (short term) (SOI, WRSP, and Remainder Areas)
- Increased emissions of ozone precursors during construction (short term) (SOI, WRSP, and Remainder Areas)
- Increased emissions of air pollutants during operation
- Increase in off-site traffic noise (SOI and Remainder Areas)
- Loss of oak trees of greater than 6 inches dbh (short term) (WRSP and Remainder Areas)
- Removal of historically significant properties and/or loss of historic integrity of such resources (WRSP and Remainder Areas)
- Siting of a school within one-fourth mile of the handling of transportation of hazardous materials (Remainder Area)
- Availability of water supplies to meet demand in wet years (Remainder Area)
- Availability of water supplies to meet demand in dry years (Remainder Area)
- Capacity of water treatment system to meet potable demand (Remainder Area)
- Increased demand for solid waste services at the landfill (WRSP and Remainder Areas)
- Increased demand for solid waste services at the MRF (WRSP and Remainder Areas)
- Construction debris demand for solid waste services (WRSP and Remainder Areas)
- Alteration of the visual character of the site and vicinity (WRSP and Remainder Areas)
- New sources of light and glare (WRSP and Remainder Areas)

The 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 physical changes that would occur with this project are located outside the area of modification that was analyzed in the 2014 SEIR; therefore the following evaluation focuses on the analyses presented in the 2004 EIR and does not include a discussion of consistency with the 2014 SEIR. No physical impacts will occur as a result of moving the elementary school site on Parcel F-71 from Phase 3 to Phase 2; therefore, the following analysis is focused on the minor supplements or technical updates where needed to reflect the proposed change in land use that will facilitate development of Parcel F-66 with a single family residence.

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.

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 or adoption 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 or adopted 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.

Conclusions

A discussion of the conclusion relating to the analysis contained in each section.

OTHER CONSIDERATIONS

Since the publication of the prior EIRs, the Office of Planning and Research (OPR) has updated CEQA Guidelines Appendix G (Environmental Checklist Form). These updates address legislative changes to CEQA, clarify language, and update language consistent with case law. None of the changes to the checklist require new analysis related to impacts which were not known or which could not have been known at the time the EIRs were prepared. The majority of the checklist changes clarify language, reorganize existing language, or eliminate analysis requirements. For analysis requirements which have been eliminated, this is in response to case law affirming that analysis must focus on impacts caused by the project, not impacts to the project. An example of each of these types of changes is included below:

- Cultural Resources (a): Cause a substantial adverse change in the significance of an historic resource ~~as defined in~~ pursuant to Section 15064.5?

The replacement of “as defined in” with “pursuant to” is a phrasing change which has no impact on required analysis.

- Cultural Resources (c) has been moved to Geology and Soils (f).

Moving the topical section of this analysis requirement (which is related to paleontological resources) from Cultural Resources to Geology and Soils has no impact on required analysis.

- Noise (b): ~~Exposure of persons to or~~ Generation of excessive ground borne vibration of ground borne noise levels?

The above changes redirect the analysis from considering overall exposure of persons to ground borne vibration, and focus the analysis on any ground borne vibration generated by a project. This same change is reflected in all other checklist questions related to noise. Therefore, the EIRs include more analysis than is currently required, because they included analysis related to exposing neighboring areas to noise, but also analyzed the effect of noise on the proposed uses; the latter analysis is no longer required.

The updated CEQA Guidelines Appendix G also includes two new sections (Tribal Cultural Resources and Energy) and includes new and modified requirements as part of the Transportation/Traffic section. Although the Tribal Cultural Resources section is new, the analysis of this impact area was included in the EIRs as part of the Cultural Resources section. The new Energy section was formerly included in CEQA Guidelines Appendix F, but has been moved into the Appendix G, so while it is new to the checklist it is not new to the CEQA Guidelines. The changes to the Transportation/Traffic section—which is now called simply Transportation—refocuses the analysis on vehicle miles traveled (VMT). However, while OPR has promulgated these changes, the legislation

requiring the use of VMT in CEQA analysis specifies that the requirement for lead agencies to use VMT goes into effect on July 1, 2020. Therefore, a VMT analysis is not currently required, and has not been included in this Addendum.

Based on the foregoing, none of the modifications to CEQA Guidelines Appendix G require new analysis related to impacts which were not known or which could not have been known at the time the EIRs were prepared. Therefore, an Addendum is the appropriate environmental document to describe the impacts of the proposed project.

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 Pg. 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 Pg. 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 Pg. 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 Pg. 35	No	No	No	2004 WRSP EIR MM 4.13-1 (a-d), MM 4.13-2

Discussion:

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).

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 DEIR, pp. 3-19 to 3-20.)

The project would result in development of a single family residence adjacent to existing single family residences on a site that was anticipated to be developed with a potable water well. The single family unit will not result in a new source of light or glare; therefore, the mitigation measure applicable to that topic, which are not applicable to residential uses are not applicable to the proposed project. This development would not result additional aesthetics impacts beyond those that were identified in the 2004 WRSP EIR.

Mitigation Measures: None

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 Pg. 45-47 2014 SPA3 SEIR Pg. 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 Pg. 46 2014 SPA3 SEIR Pg. 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 Pg. 45-47 2014 SPA3 SEIR Pg. 4-5	No	No	No	2004 WRSP EIR MM 4.1 -4

Discussion:

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 less than significant except for significant and unavoidable impacts associated with the conversion of agricultural land to developed uses. (2004 DEIR, p. 3-8.) The 2004 DEIR did not address impacts to forestry resources, because the WRSP project area did not include any such resources.

The proposed project would not alter the analyzed development footprint. As discussed in the WRSP EIR, the 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 project would not change the development footprint nor result in any substantial changes in the agricultural impacts identified in the WRSP EIR.

Mitigation Measures: None

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 Pg. 18-26	No	No	No	2004 WRSP EIR MM 4.4 -1 through 4.4 -4
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	2004 WRSP EIR Ch. 4.4 Pg. 18-26	No	No	No	2004 WRSP EIR MM 4.4 -5 and MM 4.4 -6
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 Pg. 18-26	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 Pg. 26-30	No	No	No	2004 WRSP EIR MM 4.4 -5 2004 WRSP EIR MM 4.4 -7
e) Create objectionable odors affecting a substantial number of people?	2004 WRSP EIR Ch. 4.4 Pg. 32-33	No	No	No	None

Discussion:

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 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 less than significant 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. (2004 DEIR, pp. 3-10 to 3-11.)

The project would result in the construction of one additional residential unit. The addition of this unit would have a negligible effect on the project's modeled emissions and would not result in an impact that was not previously disclosed. The proposed project would result in no additional air quality impacts beyond what was previously analyzed in the 2004 WRSP EIR.

Mitigation Measures:

Mitigation Measures 2004 WRSP EIR MM 4.4-1 and MM 4.4-3 are all applicable to the Project to mitigate construction and operational air quality impacts. The mitigation measures can be found in the attached Table of Applicable Mitigation Measures.

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 Pg. 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 Pg. 40 2004 WRSP EIR Ch. 4.7 Pg. 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 Pg. 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 Pg. 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 Pg. 53	No	No	No	None

f) 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	No	No	None
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Discussion:

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” dbh. (2004 DEIR, pp. 4-13 to 4-15.) The proposed project would result in no additional impacts to biological resources beyond what was previously analyzed in the 2004 WRSP EIR. The proposed project would result in no changes in development footprint beyond what was analyzed in the 2004 WRSP EIR. The site has been graded and is primarily populated by non-native annual grasses and there are no biological resources on the site. For these reasons, no additional analysis of biological resources is required.

Mitigation Measures: Mitigation measure 2004 WRSP EIR MM 4.7-6, intended to ensure that protected bird nesting are avoided applies to the Project. These measures can be found in the attached Table of Applicable Mitigation Measures.

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

Discussion:

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. (2004 DEIR, p. 3-15.) The proposed project would result in no additional impacts to cultural resources beyond what was previously analyzed in the 2004 WRSP. The

proposed project would result in no changes in development footprint beyond what was analyzed in the 2004 WRSP EIR. For these reasons, no subsequent or supplemental EIR is required for the project with respect to cultural resources.

Mitigation Measures: Mitigation measures in 2004 WRSP EIR MM 4.8-1 and MM 4.8-10, which are intended to mitigate disturbance of unanticipated historic or prehistoric resources during the construction process, apply to the Project. These measures can be found in the attached Table of Applicable Mitigation Measures.

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.
e) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	2004 WRSP EIR Ch. 4.11 Pg. 95	No	No	No	2004 WRSP EIR MM 4.11-13
f) Conflict with or obstruct a state or local plan for renewable energy or energy inefficiency?	2004 WRSP EIR Ch. 4.11 Pg. 95	No	No	No	2004 WRSP EIR MM 4.11-13
Discussion: 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). Mitigation measures were provided to reduce all energy impacts to a less-than-significant level. (2004 DEIR, p. 3-18.) The proposed project would result in no additional impacts related to energy beyond what was previously analyzed in the 2004 WRSP EIR. Any change in demand for energy that would result from the addition of one single family residence would be negligible. Mitigation Measures: None					

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 Pg. 17-23				
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
Discussion: 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. (2004 DEIR, p. 3-13.) The proposed project would result in no additional impacts to geology and soils beyond what was previously analyzed in the 2004 WRSP EIR. The proposed project would result in no changes in development footprint beyond what was analyzed in the 2004 WRSP. For these reasons, no subsequent or supplemental EIR is required for the project with respect to geology and soils. Mitigation Measures: None					

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?	Not Addressed	No	No	No	None
b) Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	Not Addressed	No	No	No	None

Discussion:

The 2004 WRSP EIR did not address climate change or greenhouse gas emissions, because CEQA did not require such analysis at the time. The potential environmental impact of GHG emissions was known or could have been known at the time of certification of the 2004 WRSP EIR; therefore, the EIR's lack of GHG analysis does not preclude this addendum. CEQA case law holds that agencies cannot and need not require supplemental environmental review in connection with proposed project changes solely because the earlier environmental document had not dealt with global warming/climate change as a CEQA topic (see 2015 Addendum, p.91, citing *Citizens for Responsible Equitable Environmental Development (CREED) v. City of San Diego* (2011) 196 Cal. App. 4th 515, *Concerned Dublin Citizens v. City of Dublin* (2013) 214 Cal.App.4th 1301, and *Citizens Against Airport Pollutions v. City of San Jose* (2014) 227 Cal.App.4th 788). Those cases hold that, going back as far as the 1970's, climate change was a matter of public discussion and could have been raised as a CEQA issue by persons exercising reasonable diligence. Thus, 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 GHG emissions.

Mitigation Measures: None

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 Pg. 23, 35	No	No	No	2004 WRSP EIR MM 4.9 – 1 through MM 4.9 - 3
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 Pg. 23, 27	No	No	No	2004 WRSP EIR MM 4.10 -3
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 Pg. 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 Pg. 30	No	No	No	2004 WRSP EIR MM 4.9 -1 and MM 4.9 -2
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 with an adopted emergency response plan or emergency evacuation plan?	2004 WRSP EIR Ch. 4.9 Pg. 25	No	No	No	2004 WRSP EIR MM 4.10 -3
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

Discussion:

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 DEIR, pp. 3-15 to 3-16)

The proposed project would result in no additional impacts related to hazards and hazardous materials beyond what was previously analyzed in the 2004 WRSP EIR. The proposed project would result in no changes in development footprint beyond what was analyzed in the 2004 WRSP EIR. For these reasons, no subsequent or supplemental EIR is required for the project with respect to hazards and hazardous materials.

Mitigation Measures: None

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 Pg. 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 Pg. 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 Pg. 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 Pg. 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 Pg. 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 Pg. 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 Pg. 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 Pg. 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 Pg. 39	No	No	No	None
j) Inundation by seiche, tsunami, or mudflow?	2004 WRSP EIR Ch. 4.12 Pg. 39	No	No	No	None

Discussion:

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. (2004 DEIR, p. 3-19.) The proposed project would result in no additional impacts related to hydrology and water quality beyond what was previously analyzed in the 2004 WRSP EIR. The proposed project would result in no changes in development footprint beyond what was analyzed in the 2004 WRSP EIR. For these reasons, no subsequent or supplemental EIR is required for the project with respect to hydrology and water quality.

Mitigation Measures: Mitigation Measure 2004 WRSP EIR 4.12 -2 applies to the Project, which requires the payment of fair share drainage fees prior to issuance of a building permit. The measure has been implemented by incorporating the appropriate development impact fee requirements into the City's building permit application process. Therefore, no further mitigation is required.

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 Pg. 50	No	No	No	None
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	Not analyzed	No	No	No	None

Discussion:

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).

(2004 DEIR, p. 3-8.)

The proposed project would result in no additional land use and planning impacts beyond what was previously analyzed in the 2004 WRSP EIR. The project site has a Public/Quasi Public (P/QP) and Low Density Residential (LDR) land use designation and zoning of P/QP and Small Lot Residential (RS/DS) within the WRSP. The proposed land use changes are consistent with the City's General Plan and the WRSP.

The proposed project would amend the General Plan Land Use Diagram, the WRSP Land Use Plan, and Rezone the P/QP portion of the site to allow development of one single family residential unit. The proposed land use change is contiguous with existing single family development and adjacent to an existing roadway, which contains existing utilities to serve the project. The project will not physically divide an established community or conflict with plans, policies, or regulations adopted for the purpose of avoiding or mitigating an environmental effect. The proposed project would result in no additional impacts related to land use beyond what was previously analyzed in the 2004 WRSP EIR.

For these reasons, no subsequent or supplemental EIR is required for the project with respect to land use and planning impacts.

Mitigation Measures: None

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

Discussion:

The 2014 WRSP EIR did not analyze impacts on mineral resources, because there are no known mineral resources within the WRSP area. (SEIR, p. 1-9.) The proposed project would result in no additional mineral resources impacts beyond what was previously analyzed in the 2004 WRSP EIR. Therefore, no subsequent or supplemental EIR is required for the project with respect to mineral resources.

Mitigation Measures: None

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 Pg. 20	No	No	No	2004 WRSP EIR MM 4.5 - 1 and MM 4.5 -2
b) Exposure of persons to or generation of excessive ground borne vibration of ground borne noise levels?	2004 WRSP EIR Ch. 4.5 Pg. 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 Pg. 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?	Not analyzed	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

Discussion:

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. (2004 DEIR, pp. 3-11 to 3-13.)

The proposed project would result in no change in land use and associated noise impacts from what was analyzed in the 2014 SPA3 SEIR. One new single family residence will be constructed contiguous with existing residential development. An existing sound wall separates the site from Fiddymment Road, which will ensure that noise on the residential property is consistent with City standards. The proposed project would result in no additional noise impacts beyond what was previously analyzed in the 2004 WRSP EIR. For these reasons, no subsequent or supplemental EIR is required for the project with respect to noise impacts.

Mitigation Measures: 2004 WRSP EIR MM 4.5-1 and MM 4.5-8 apply to the proposed project. Please refer to the attached Table of Mitigation Measures.

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 Pg. 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 Pg. 20	No	No	No	2004 WRSP EIR MM 4.2 - 2
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	2004 WRSP EIR Ch. 4.2 Pg. 20	No	No	No	2004 WRSP EIR MM 4.2 - 2

Discussion:

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. (2004 DEIR, pp. 3-8 to 3-9.)

The proposed project would amend the General Plan Land Use Diagram, the WRSP Land Use Plan, and Rezone the P/QP portion of the site to allow development of one single family residential unit. The proposed land use change is contiguous with existing single family development and adjacent to an existing roadway, which contains existing utilities to serve the project. The addition of one dwelling unit would not induce growth or displace existing housing or people. The proposed project would result in no additional impacts related to population and housing

beyond what was previously analyzed in the 2004 WRSP EIR. For these reasons, no subsequent or supplemental EIR is required for the project with respect to population and housing.

Mitigation Measures: None

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 Pg. 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 Pg. 12	No	No	No	2004 WRSP EIR MM 4.10 – 1a, MM 4.10-2
c) Schools?	2004 WRSP EIR Ch. 4.10 Pg. 23	No	No	No	2004 WRSP EIR MM 4.10-7, MM 4.10-8
d) Parks?	2004 WRSP EIR Ch. 4.10 Pg. 35	No	No	No	None
e) Other public facilities?	2004 WRSP EIR Ch. 4.10 Pg. 29	No	No	No	2004 WRSP EIR MM 4.10-9, MM 4.10-10

Discussion:

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. (2004 DEIR, pp. 3-16 to 3-17.)

The proposed project would amend the General Plan Land Use Diagram, the WRSP Land Use Plan, and Rezone the P/QP portion of the site to allow development of one single family residential unit. The proposed land use change is contiguous with existing single family development and adjacent to an existing roadway, which contains existing utilities to serve the project. The addition of one single family dwelling unit would have a negligible effect on public services and the existing facilities are sufficient to provide services to this unit. The proposed project would result in no additional public services impacts beyond what was previously analyzed in the 2004 WRSP EIR. For these reasons, no subsequent or supplemental EIR is required for the project with respect to public services impacts.

Mitigation Measures: None

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	2004 WRSP EIR Ch. 4.10 Pg. 35	No	No	No	None

deterioration of the facility would occur or be accelerated?					
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 Pg. 35	No	No	No	None
Discussion: 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). (2004 DEIR, p. 3-17.) The addition of one single family dwelling unit would not result in the need for additional recreation services and the planned recreation facilities are sufficient. The proposed project would result in no additional impacts related to recreation beyond what was previously analyzed in the 2004 WRSP EIR. For these reasons, no subsequent or supplemental EIR is required for the project with respect to recreation impacts. Mitigation Measures: None					

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 Pg. 51	No	No	No	2004 WRSP EIR MM 4.3-1 through MM 4.3-9
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 Pg. 51	No	No	No	2004 WRSP EIR MM 4.3-1 through MM 4.3-6
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 Pg. 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 or safety of such facilities?	2004 WRSP EIR Ch. 4.3 Pg. 75, 76, 78	No	No	No	2004 WRSP EIR MM 4.3-7, MM 4.3-8, MM 4.3-9
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Discussion:

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. (2004 DEIR, pp. 3-9 to 3-10.)

Access to the new residential unit will be provided from an existing cul-de-sac and the remaining monitoring well site will be accessed directly from Fiddymont Road. The new dwelling unit would add additional vehicle trips; however, those trips are considered negligible and would result in additional traffic impacts beyond those that were previously analyzed in the 2004 WRSP EIR. For these reasons, no subsequent or supplemental EIR is required for the project with respect to transportation impacts.

Mitigation Measures: Mitigation Measures 2004 WRSP EIR MM 4.3-2 (a-d), and MM 4.3-8, which require the payment of development impact fees, apply to the Project. The measures have been implemented by incorporating the appropriate development impact fee requirements into the City's building permit application process. Therefore, no further mitigation is required.

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

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 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.

The requirement to analyze impacts on tribal cultural resources was not added to CEQA until 2015 with the 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. (2004 DEIR, p. 3-15.)

No AB 52 consultation is required for the project, because it does not trigger the preparation of a negative declaration, mitigated negative declaration, or EIR. (Public Resources Code § 21080.3.1(b).) 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. The proposed project would result in no changes in development footprint beyond what was analyzed in the 2004 WRSP EIR. For these reasons, no subsequent or supplemental EIR is required for the project with respect to tribal cultural resources.

Mitigation Measures: Applicable measures to mitigate Cultural Resources impacts are discussed in Section V of this Addendum.

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 Pg. 38	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 Pg. 25, 31, 38, 41	No	No	No	2004 WRSP EIR MM 4.11- 1 through 4.11-4
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 Pg. 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 Pg. 25	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 Pg. 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 Pg. 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 Pg. 81	No	No	No	2004 WRSP EIR MM 4.11-12

Discussion:

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. (2004 DEIR, pp. 3-17 to 3-18.)

The proposed would amend the General Plan Land Use Diagram, the WRSP Land Use Plan, and Rezone the P/QP portion of the site to allow development of one single family residential unit. The proposed land use change is contiguous with existing single family development and adjacent to an existing roadway, which contains existing infrastructure to serve the project. The addition of one single family dwelling unit would have a negligible effect on utility services and the existing facilities are sufficient to provide services to this unit. The proposed project would result in no additional impacts related to utilities and service systems beyond what was previously analyzed in the 2004 WRSP EIR. For these reasons, no subsequent or supplemental EIR is required for the project with respect to utilities and service systems.

Mitigation Measures: None

XX. 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	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.)	2004 WRSP EIR Ch. 5 Pg. 15	No	No	No	None
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	2004 WRSP EIR Ch. 5 Pg. 15	No	No	No	None

Discussion:

The WRSP EIR evaluated the potential for cumulative impacts. The Project is consistent with the level of development assumed in the WRSP EIR. As discussed above, the proposed project would not result in new significant effects or a substantial increase in the severity of previously identified environmental effects beyond what was analyzed in the 2004 WRSP EIR. 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.

ENVIRONMENTAL DETERMINATION:

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 or negative declaration 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, 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 or Mitigated Negative Declaration.

[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.

[X] Only minor technical changes or additions are necessary in order to deem the adopted environmental document adequate.

Addendum Prepared by:



Charity Gold, Associate Planner
City of Roseville, Development Services–Planning Division

Attachments:

Attachment 1 – Table of Applicable Mitigation Measures

TABLE OF APPLICABLE MITIGATION MEASURES

Mitigation Measure	Implementation	Timing	Reviewing Party	Documents to be Submitted to City	Staff Use Only
MM 4.4-1: Dust Control After review and approval by the PCAPCD, the developer, if required, shall apply approved chemical soil stabilizers according to manufacturer's specifications, to all inactive construction areas (previously graded areas which remain inactive for 96 hours). Reduce traffic speeds on all unpaved surfaces to 15 miles per hour or less. Creation of a dust control plan. No open burning of vegetation during project construction. Reestablishment of ground cover as soon as possible after construction. Suspension of grading activities when winds exceed 25 mph.	The applicants shall submit construction management plans as part of the Grading Permit application. Engineering will review plans for inclusion of these measures prior to issuance of permits or approval of plans.	<i>Pre-Construction:</i> Prior to issuance of Grading Permits or Improvement Plans. Add as note on Improvement Plans.	Engineering	Dust Control Plan and proof of submittal to PCAPCD	
MM 4.4-3: Reduction of Construction Emissions The prime contractor shall submit to the PCAPCD a comprehensive inventory (i.e., make, model, year, emission rating) of all the heavy-duty off-road equipment (50 horsepower or greater) that will be used an aggregate of 40 or more hours for the construction project. District personnel, with assistance from the California Air Resources Board, will conduct initial Visible Emission Evaluations of all heavy-duty equipment on the inventory list. ☐ An enforcement plan shall be established by the contractor in conjunction with the air district to weekly evaluate project-related on-and-off- road heavy-duty vehicle engine emission opacities, using standards as defined in California Code of Regulations, Title 13, Sections 2180–2194. An Environmental Coordinator, CARB-certified to perform Visible Emissions Evaluations (VEE), shall routinely evaluate project related off-road and heavy-duty on-road equipment emissions for compliance with this requirement. Operators of vehicles and equipment found to exceed opacity limits will be notified and the equipment must be repaired within 72 hours. ☐ Contractors shall provide a plan for approval by the PCAPCD demonstrating that the heavy-duty (>50 horsepower) off-road vehicles to be used in the construction project, including owned, leased and subcontractor vehicles, will achieve a project-wide fleet average 30 percent NOx reduction and 45 percent particulate reduction compared to the most recent CARB fleet average. Acceptable options for reducing emissions may include use of late model engines, low-emission diesel products, alternative fuels, engine retrofit technology, after-treatment products, and/or other options as they become available. ☐ Minimize idling time to 10 minutes. ☐ Use low sulfur fuel for stationary construction equipment, if feasible. ☐ Utilize existing power sources (e.g., power poles) or clean fuel generators rather than temporary power generators. ☐ Use low emission on-site stationary equipment.	The applicants shall submit the required plans as part of the Grading Permit or Improvement Plan application. Engineering will review plans for inclusion of these measures prior to issuance of permits or approval of plans.	<i>Pre-Construction:</i> Prior to issuance of Grading Permits or Improvement Plans. Add as note on Improvement Plans.	Engineering	Required plans and proof of submittal to PCAPCD	
MM 4.5-1: Construction noise reduction As discussed under Impact 4.5-1, compliance with the City's Noise Ordinance would result in a less-than-significant impact for construction noise. However, the following measures are recommended to further reduce the effects of construction noise on residents. Equipment warm-up areas, water tanks, and equipment storage areas shall be located a minimum of 150 feet from occupied residences, where feasible. Flexible sound control curtains shall be placed around drilling apparatus and drill rigs, if sensitive receptors are located nearby.	Project plans will be reviewed for compliance.	<i>Pre-Construction:</i> Prior to issuance of Improvement Plans and/or Building Permits. Add as note on Improvement Plans and Building Plans	Engineering and Building	None	

These measures would reduce the amount of noise at residences by placing stationary sources of noise far enough from residences that the noise generated would not be disturbing, particularly during the daytime, when construction activities would occur. In addition, they would assist in reducing the potential for noise disturbances and potential noise-related complaints.					
MM 4.5-8: On-site traffic noise attenuation The project developer shall demonstrate through an acoustical study that residences along roadways will be subject to noise levels consistent with the City's standards. The standards could be achieved through a combination of setbacks, soundwalls or other barriers, building orientation or other measures. An acoustical analysis shall be required to demonstrate that these measures will result in acceptable noise levels.	Project plans will be reviewed for compliance.	<i>Pre-Construction:</i> Prior to issuance of Improvement Plans and/or Building Permits Add as note on Improvement Plans and Building Plans	Engineering and Building to review plans for consistency with Acoustical Study	An Acoustical Study	
MM 4.7-6: Avoid nesting sites To ensure that fully protected bird and raptor species are not injured or disturbed by construction in the vicinity of nesting habitat, the project applicant shall implement the following measures: (a) When feasible, all tree removal shall occur between August 30 and February 15 to avoid the breeding season of any raptor species that could be using the area, and to discourage hawks from nesting in the vicinity of an upcoming construction area. This period may be modified with the authorization of the DFG; or (b) Prior to the beginning of mass grading, including grading for major infrastructure improvements, during the period between February 15 and August 30, all trees and potential burrowing owl habitat within 350 feet of any grading or earthmoving activity shall be surveyed for active raptor nests or burrows by a qualified biologist no more than 30 days prior to disturbance. If active raptor nests or burrows are found, and the site is within 350 feet of potential construction activity, a fence shall be erected around the tree or burrow(s) at a distance of up to 350 feet, depending on the species, from the edge of the canopy to prevent construction disturbance and intrusions on the nest area. The appropriate buffer shall be determined by the City in consultation with CDFG. (c) No construction vehicles shall be permitted within restricted areas (i.e., raptor protection zones), unless directly related to the management or protection of the legally protected species. (d) In the event that a nest is abandoned, despite efforts to minimize disturbance, and if the nestlings are still alive, the developer shall contact CDFG and, subject to CDFG approval, fund the recovery and hacking (controlled release of captive reared young) of the nestling(s). (e) If a legally protected species nest is located in a tree designated for removal, the removal shall be deferred until after August 30th, or until the adults and young of the year are no longer dependent on the nest site as determined by a qualified biologist. (f) The project applicant, in consultation with the CDFG, shall conduct a pre-construction survey within the phases of the project site that are scheduled for construction activities. The survey shall be conducted by a qualified biologist to determine if burrowing owls are occupying the project site. The survey shall be conducted no more than three weeks prior to grading of the project site. If the above survey does not identify burrowing owls on the project site, then no further mitigation would be required. However, should burrowing owls be found on the project site, the following measures shall be required: (g) The applicant shall avoid all potential burrowing owl burrows that may be disturbed by project construction during the breeding season between February 15 and August 30 (the period when nest burrows are typically occupied by adults with eggs or young). Avoidance shall include the establishment of a 350-foot diameter non-disturbance buffer zone around any occupied burrows. The buffer zone shall be delineated by highly visible temporary construction fencing. Disturbance of any occupied burrows shall only occur outside of the breeding season (August 30 through February 15). Based on approval by the CDFG, preconstruction and nonbreeding season exclusion measures may be implemented to preclude burrowing owl occupation of the project site prior to project-related disturbance (such as grading). Burrowing owls may be passively excluded from burrows in the construction area by placing one-way doors in the burrows according to current CDFG protocol. The one-way doors must be in place for a minimum of three days. All burrows that may be occupied by burrowing owls, regardless of whether they exhibit signs of	Results of preconstruction surveys shall be submitted prior to the issuance of a grading permit or Improvement Plans. Applicable construction restrictions shall be reflected within plans. The applicants shall prepare annual reports on the status and success of mitigation and shall submit these reports to USFWS and CDFG. The applicants shall coordinate with USFWS and CDFG to modify as necessary any mitigation plans in an effort to attain mitigation success.	<i>Pre-Construction and Construction:</i> Surveys required prior to construction. If surveys are positive for birds, then remainder of mitigation steps are required prior to construction. Add as note on Improvement Plans.	Engineering	Nesting bird surveys	

occupation, must be cleared. Burrows that have been cleared through the use of the one-way doors shall then be closed or backfilled to prevent owls from entering the burrow. The one-way doors shall not be used more than two weeks before construction to ensure that owls do not recolonize the area of construction.					
MM 4.8-1: Cease Work and Consult with Qualified Archaeologist Should any cultural resources, such as structural features, any amount of bone or shell, artifacts, human remains, or architectural remains be encountered during any subsurface development activities, work shall be suspended within 100 feet of the find, and the City of Roseville shall be immediately notified. At that time, the City shall coordinate any necessary investigation of the site with qualified archaeologists as needed to assess the resource and provide proper management recommendations. Possible management recommendations for important resources could include resource avoidance or data recovery excavations. The contractor shall implement any measures deemed necessary for the protection of the cultural resources. In addition, pursuant to section 5097.98 of the State Public Resources Code, and section 7050.5 of the State Health and Safety Code, in the event of the discovery of human remains, the County Coroner shall be immediately notified. If the remains are determined to be Native American, guidelines of the Native American Heritage Commission shall be adhered to in the treatment and disposition of the remains.	This condition shall be reflected in all construction and building plans, and construction site workers shall be advised by the site manager of this measure.	<i>Construction:</i> Measure applies if resources are discovered during construction. Add as note on Improvement Plans and Building Plans.	Engineering and Building	None	
MM 4.8-10: Cease Work Until Review Conducted by Qualified Paleontologist and Recommendations Implemented Should any evidence of paleontological resources (e.g., fossils) be encountered during grading or excavation, work shall be suspended within 100 feet of the find, and the City of Roseville shall be immediately notified. At that time, the City shall coordinate any necessary investigation of the site with a qualified paleontologist to assess the resource and provide proper management recommendations. Possible management recommendations for important resources could include resource avoidance or data recovery excavations. The contractor shall implement any measures deemed necessary by the paleontologist for the protection of the paleontological resources.	This condition shall be reflected in all construction and building plans, and construction site workers shall be advised by the site manager of this measure.	<i>Construction:</i> Measure applies if resources are discovered during construction. Add as note on Improvement Plans and Building Plans.	Engineering and Building	None	

NOTE: This table is provided as a courtesy to the developer, to highlight the text of measures which are required to be placed on Improvement Plans and/or Building Plans. Refer to the applicable environmental document (e.g. Environmental Impact Report) for a full list of measures, and for context. Other measures may be applicable, but are not included here because they have already been completed or they are addressed via other mechanisms (e.g. development fees).

**EIGHTH AMENDMENT OF DEVELOPMENT AGREEMENT
BY AND AMONG
THE CITY OF ROSEVILLE
AND ATC REALTY ONE, LLC, AND ROSEVILLE SCHOOLS, LLC
RELATIVE TO THE WEST ROSEVILLE SPECIFIC PLAN**

This Eighth Amendment of Development Agreement ("Eighth Amendment") is entered into this ____ day of _____, 2020, by and among the CITY OF ROSEVILLE, a municipal corporation ("City") and ATC REALTY ONE, LLC, a Delaware limited liability company, and ROSEVILLE SCHOOLS, LLC, a California limited liability company (collectively, "Developer"), pursuant to Sections 65864 through 65869.5 of the Government Code of California.

RECITALS

A. Developer's predecessor in interest, Roseville Fiddymont Land Venture, LLC ("RFLV") and City entered into a Development Agreement (the "Development Agreement") which was approved by the City Council of City on February 23, 2004, and recorded on June 21, 2004, in the Official Records of Placer County as Document No. 2004-0080708. The Development Agreement governs a portion of the West Roseville Specific Plan Area ("Specific Plan", "WRSP", or "Plan Area"). Except as otherwise defined herein, all capitalized terms used herein shall have the meanings ascribed thereto in the Development Agreement.

B. Certain terms of settlement agreements arising out of two lawsuits regarding the WRSP (Catalano v. Roseville and Defenders of Wildlife v. Norton) imposed additional conditions on the WRSP that require implementation through amendment of the Development Agreement.

C. On January 4, 2006, City and RFLV, by Ordinance No. 4324, entered into the First Amendment of the Development Agreement ("First Amendment"). The First Amendment was recorded on March 2, 2006, in the Official Records of Placer County as Instrument No. 2006-0022488.

D. On June 18, 2008, City and RFLV, by Ordinance No. 4668, entered into the Second Amendment of the Development Agreement ("Second Amendment"). The Second Amendment was recorded on July 22, 2008, in the Official Records of Placer County as Instrument No. 2008-0059263.

E. On September 2, 2009, City and RFLV, by Ordinance No. 4767, entered into the Third Amendment of the Development Agreement ("Third Amendment"). The Third Amendment was recorded on September 10, 2009, in the Official Records of Placer County as Instrument No. 2009-0078876.

F. On July 17, 2013, City and ATC Realty One, LLC, by Ordinance No. 5211, entered into the Fourth Amendment of the Development Agreement (“Fourth Amendment”). The Fourth Amendment was recorded on August 20, 2013, in the Official Records of Placer County as Instrument No. 2013-0082174.

G. On May 7, 2014, City and ATC Realty One, LLC, by Ordinance No. 5337, entered into the Fifth Amendment of the Development Agreement (“Fifth Amendment”). The Fifth Amendment was recorded on June 18, 2014, in the Official Records of Placer County as Instrument No. 2014-0040699.

H. On August 6, 2014, City and West Roseville Development Company, Inc., by Ordinance No. 5385, entered into the Sixth Amendment of the Development Agreement (“Sixth Amendment”). The Sixth Amendment was recorded on August 14, 2014, in the Official Records of Placer County as Instrument No. 2014-0055752.

I. On September 15, 2017, City and ATC Realty One, LLC and Fiddymint 116 Lots, LLC, by Ordinance No. 5863, entered into the Seventh Amendment of the Development Agreement (“Seventh Amendment”). The Seventh Amendment was recorded on September 22, 2017, in the Official Records of Placer County as Instrument No. 2017-0073441.

J. This Eighth Amendment affects that property owned by ATC Realty One, LLC within the Plan Area (the “ATC Property”), and that property owned by Roseville Schools, LLC (the “RS Property”), each as described in Exhibit “A” and depicted in Exhibit “B” attached to this Eighth Amendment.

K. This Eighth Amendment affects the ATC Property and the RS Property, as expressly set forth herein, and shall run with title to those lands.

L. The Eighth Amendment is authorized by Section 1.4 of the Development Agreement.

NOW THEREFORE, THE PARTIES MUTUALLY AGREE AS FOLLOWS:

1. AMENDMENT OF DEVELOPMENT AGREEMENT. The following sections and exhibits of the Development Agreement are hereby amended as follows:

a. Extended Term. As to the ATC Property and the RS Property, for purposes of Section 1.3, City and Developer hereby agree to extend the term of the Development Agreement to and through March 29, 2054, unless the Development Agreement is terminated, modified or extended by circumstances set forth in the Development Agreement, as amended, or by mutual consent of the parties hereto.

b. REVISED SECTION 2.2. As to the ATC Property, the approved land use of certain parcels within the ATC Property has changed; therefore, the cumulative summary of land uses and approximate acreages, net of road right-of-way, set forth in Section 2.2 of the Development Agreement is hereby amended to read as follows:

Low Density Residential	3,241 Units on 770.1 Net Acres
Medium Density Residential	836 Units on 80.51 Net Acres
High Density Residential	1,792 Units on 72.48 Net Acres
Community Commercial	45.78 Net Acres
Business Professional	0 Net Acres
Park	203.0 Net Acres
Open Space	340.12 Net Acres
Open Space (Paseo)	6.66 Net Acres
Schools	71.95 Net Acres
Fire Station	2.51 Net Acres
Electric Substation	1.55 Net Acres
Well Site	0.22 Net Acres
Other Public (Right of Way)	111.73 Net Acres

c. REVISED SECTION 3.7.5. As to the ATC Property, Section 3.7.5 is revised in its entirety to read as follows:

“3.7.5 Groundwater Wells. Developer shall dedicate to City Parcel F-67 in Phase 1 and shall construct one (1) groundwater well at the approximate location shown on Revised Exhibit “W” and prepare the well according to industry standards subject to approval by the Environmental Utilities Director. The exact location of the well and well site and qualifications of the design firm, well drilling contractor and construction inspection services provider shall be reviewed and approved by the Environmental Utilities Director prior to construction. The well shall be designed to include Aquifer Storage and Recovery capabilities and, to the extent feasible, shall achieve a yield of approximately 1,800 gallons per minute (GPM). Developer shall drill the well upon the earlier of the need for the well to provide water services to the Project, or prior to residential construction and concurrent with construction of adjacent roadways. City shall be responsible for construction of the above ground portion of the groundwater well facility (site improvements and pumping facilities).

It has been determined that the Phase 2 well site (F-66) DOES NOT have access to groundwater of such quality that only disinfection will be required to meet the California Drinking Water Quality Standards. In lieu of providing a production well at the Phase 2 well site (F-66) Developer shall fund the drilling of a well, to be located off-site of the Eighth Amendment Property, on property selected and acquired by the City. The cost of drilling the off-site production well shall be an amount mutually agreed to by City and Developer at the time that the City is ready to drill the offsite well, and the Developer shall pay the well drilling cost to the City upon City's written notification to the Developer of City's readiness to begin drilling of the off-site well.

Notwithstanding the foregoing, if the City adopts a revised water connection fee which encompasses the costs of constructing the groundwater well (including, but not limited to, permitting, design, construction, design support during the construction phase, construction management, inspection, administrative and legal), the Developer shall be relieved of the obligation to pay the well drilling cost to the City for the off-site well, described in the preceding paragraph of this Section 3.7.5.

Monitoring wells have been constructed on the F-66 well site, and it has been determined that the site was not suitable for a production well. As a result the F-66 well site is to be reduced to a parcel that contains the existing monitoring wells, and the remainder of the original F-66 well site is to be converted to a single family residential lot. The process for converting the F-66 well site to a residential lot shall be as follows:

- The portion of the F-66 (Lot 21) well site containing the Monitoring Well shall be deeded to the City.
- The Irrevocable Offer of Dedication for the remainder of the F-66 (Lot 21) well site shall be quit claimed by the City.
- The adjacent Lot D (the F-66 well site driveway parcel) shall be quit claimed by the City and by the original grantor of the parcel to the Developer.
- The City shall issue a Certificate of Compliance verifying that the two parcels consist of one buildable single family detached lot.
- The Developer shall construct the following improvements to the resultant monitoring well site prior to issuance of a building permit for the single family residence:
 - Widen the sidewalk along Fiddymment Road adjacent to the monitoring well site at F-66 to provide parking for maintenance access. Modification of the exiting curb and gutter may be required to accommodate maintenance vehicle access to the area.
 - Construct a 6' high masonry wall along the north boundary of the monitoring well site.
 - Construct a 6' high open iron fence along the southeast boundary of the monitoring well site, including a 10' wide gate.
 - Construct a 3' wide walkway between the widened section of the Fiddymment Road sidewalk and the monitoring well site."

d. REVISED SECTION 3.7.8. As to the ATC Property and the RS Property, Section 3.7.8 is revised in its entirety to read as follows:

“3.7.8 Water Conservation Goal for the Property. The City has determined, and the Developer agrees, that the available water supply is sufficient to serve the Property. This determination was the conclusion of a review of the demand and source issues created by the projected build-out of the Property. The demand for water at build-out of the Property was determined by reference to the City’s current information on water usage for the various land uses included and permitted within the City and the proposed land uses within the Property and by reference to the Developer’s Water Conservation Plan which includes a reduction in water use by 20.4% over current use characteristics.

The sources for water evaluated for the Project are the same types of source currently used throughout the City; namely, surface water contracts with federal and local agencies and the use of groundwater. City and Developer are satisfied that the demand and source assumptions relied upon to assure water for the Project (including the Eighth Amendment Property) are valid.”

e. REVISED EXHIBIT “F” – PHASING PLAN. As to the RS Property, Exhibit “F” – Infrastructure Phasing Plan, Sheet 3 of 10 is hereby revised in accordance with the attached Revised Exhibit “F” to add Parcel F-71 to Phase 2 and remove it from Phase 3.

2. EXHIBITS. As to the ATC Property and RS Property, as applicable, the following New Exhibits and Revised Exhibits are attached hereto and incorporated herein by reference and hereby replace and supersede the respective Exhibits previously attached to the Development Agreement. Accordingly, all references to the applicable Exhibits in the Development Agreement, as amended hereby, shall mean and refer to the corresponding New and Revised Exhibits below:

New Exhibit A	Description of ATC Property and RS Property
New Exhibit B	Depiction of ATC Property and RS Property
Revised Exhibit F	Infrastructure Phasing Plan, Sheet 3 of 10
Revised Exhibit W	Location of Groundwater Well

3. CONSISTENCY WITH GENERAL PLAN. The City Council has found and determined that this Eighth Amendment of the Development Agreement is consistent with the General Plan and the West Roseville Specific Plan.

4. AMENDMENT. This Eighth Amendment amends, but does not replace or supersede, the Development Agreement, except as specified herein. As amended hereby, the Development Agreement remains in full force and effect.

5. FORM OF AMENDMENT. This Eighth Amendment is executed in two duplicate originals, each of which is deemed to be an original.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Eighth Amendment 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

ATC REALTY ONE, LLC,
a Delaware limited liability company

By: _____
Dominick Casey
City Manager

By: _____
Its: _____

ATTEST:

By: _____
Sonia Orozco
City Clerk

ROSEVILLE SCHOOLS, LLC,
a California limited liability company

By: WEST ROSEVILLE, LLC,
a California limited liability
company

APPROVED AS TO FORM:

By: _____
Robert R. Schmitt
City Attorney

By: _____
Name: _____

APPROVED AS TO SUBSTANCE:

Its: _____

By: _____
Mike Isom
Development Services Director

By: ATC Realty One, LLC, a
Delaware limited liability company

By: _____

Name: _____

Its: Authorized Agent

Exhibit A
Description of ATC Property and RS Property

EXHIBIT 'A'
WRSP Fiddymment Ranch DAA No. 8
Description of Properties Subject to DAA No. 8

Properties owned by ATC Realty One, LLC:

All that real property, located in the City of Roseville, County of Placer, State of California as shown on Exhibit B attached and described as follows:

Lots 21, 23, 24, 25, & 26, as shown on the Final Map of Fiddymment Ranch Phase 2 Large Lot Subdivision, Subdivision No. 03-11, recorded in Book BB of Maps, at page 24, Placer County Records

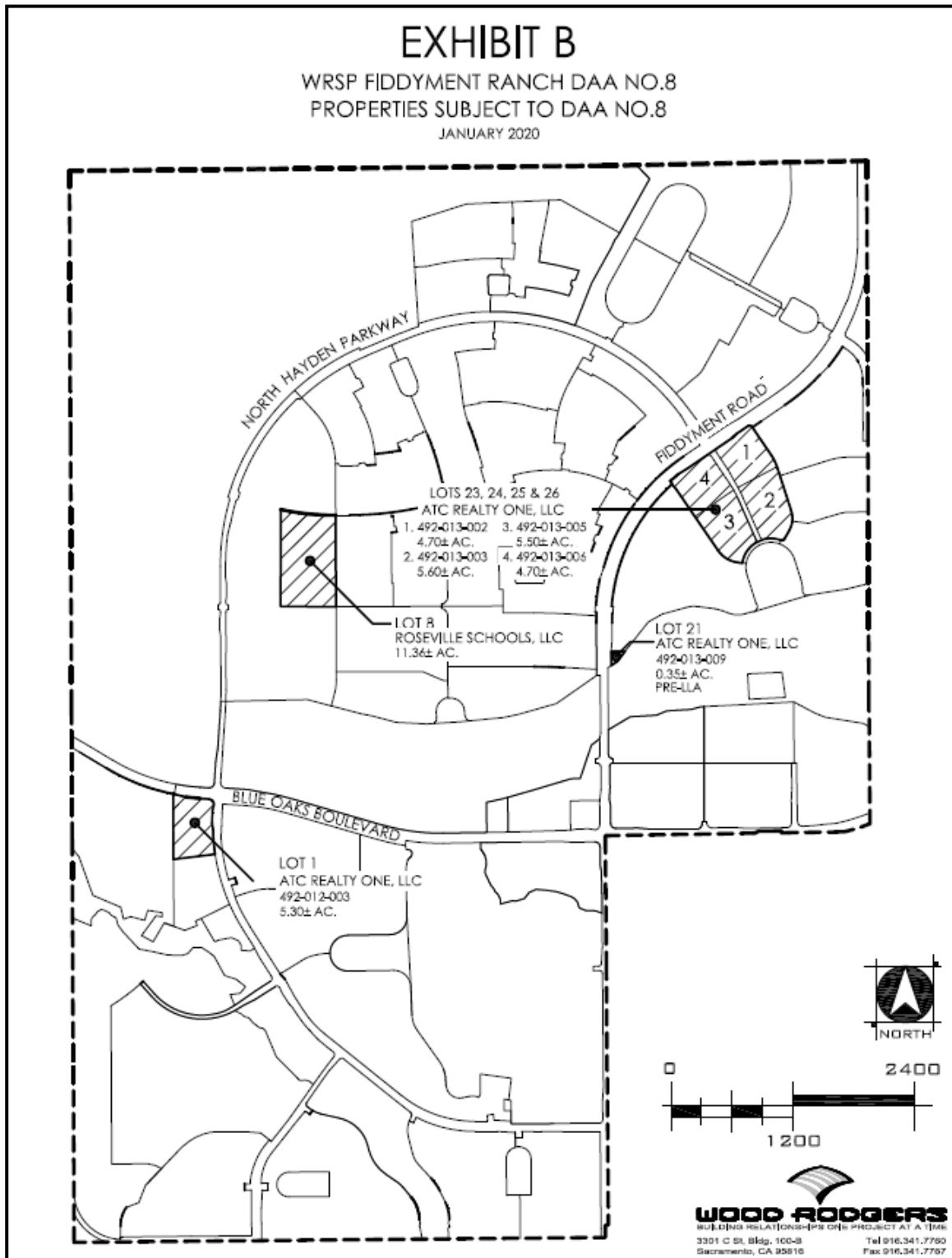
Lot 1, as shown on the Final Map of Fiddymment Ranch Phase 3A Large Lot Subdivision, Subdivision No. 000024, recorded in Book BB of Maps, at page 88, Placer County Records

Properties owned by Roseville Schools, LLC.:

All that real property, located in the City of Roseville, County of Placer, State of California as shown on Exhibit B attached and described as follows:

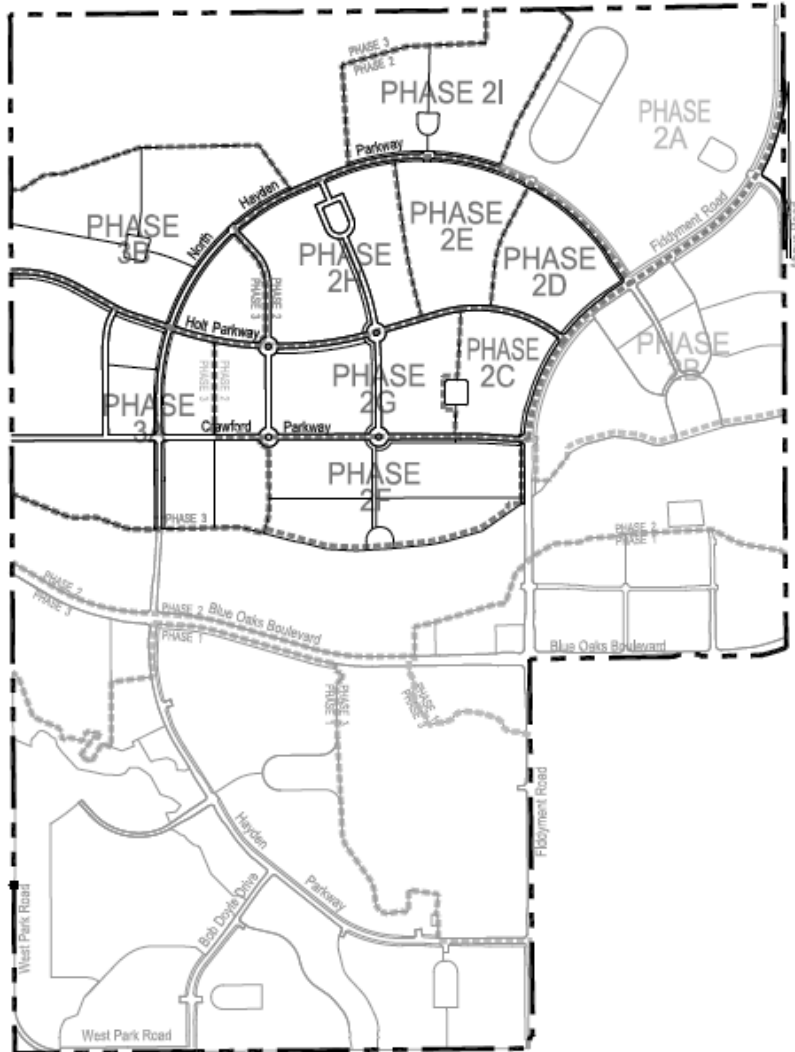
Lot 8, as shown on the Final Map of Fiddymment Ranch Phase 3 Large Lot Subdivision, Subdivision No. PL-0564, recorded in Book EE of Maps, at page 74, Placer County Records

Exhibit B
Depiction of ATC Property and RS Property



Revised Exhibit F
Infrastructure Phasing Plan, Sheet 3 of 10

REVISED Exhibit F
FIDDYMENT RANCH - SPA 3 Infrastructure Phasing Plan
Infrastructure Phasing
Sheet 3 of 10
(ORIGINAL EXHIBITS ARE AVAILABLE AT THE ROSEVILLE CITY CLERK DEPARTMENT)



SCALE: 1"=1000'



WOOD RODGERS
DEVELOPING INNOVATIVE DESIGN SOLUTIONS
3301 C St, Bldg. 100-B
Sacramento, CA 95816
Tel 916.341.7760
Fax 916.341.7767

REVISED Exhibit W
Location of Groundwater Wells



**NINTH AMENDMENT OF DEVELOPMENT AGREEMENT
BY AND AMONG
THE CITY OF ROSEVILLE
AND JEN CALIFORNIA 15 LLC, TAYLOR MORRISON OF CALIFORNIA,
LLC, AND WEST ROSEVILLE DEVELOPMENT COMPANY, INC.
RELATIVE TO THE WEST ROSEVILLE SPECIFIC PLAN**

This Ninth Amendment of Development Agreement (“Ninth Amendment”) is entered into this ____ day of _____, 2020, by and among the CITY OF ROSEVILLE, a municipal corporation (“City”) and JEN CALIFORNIA 15 LLC, a California limited liability company, Taylor Morrison of California, LLC, a California limited liability company, and West Roseville Development Company, Inc., a Delaware corporation (collectively, “Developer”), pursuant to Sections 65864 through 65869.5 of the Government Code of California.

RECITALS

A. Developer’s predecessor in interest, Roseville Fiddymment Land Venture, LLC (“RFLV”) and City entered into a Development Agreement (the “Development Agreement”) which was approved by the City Council of City on February 23, 2004, and recorded on June 21, 2004, in the Official Records of Placer County as Document No. 2004-0080708. The Development Agreement governs a portion of the West Roseville Specific Plan Area (“Specific Plan”, “WRSP”, or “Plan Area”). Except as otherwise defined herein, all capitalized terms used herein shall have the meanings ascribed thereto in the Development Agreement.

B. Certain terms of settlement agreements arising out of two lawsuits regarding the WRSP (Catalano v. Roseville and Defenders of Wildlife v. Norton) imposed additional conditions on the WRSP that require implementation through amendment of the Development Agreement.

C. On January 4, 2006, City and RFLV, by Ordinance No. 4324, entered into the First Amendment of the Development Agreement ("First Amendment"). The First Amendment was recorded on March 2, 2006, in the Official Records of Placer County as Instrument No. 2006-0022488.

D. On June 18, 2008, City and RFLV, by Ordinance No. 4668, entered into the Second Amendment of the Development Agreement ("Second Amendment"). The Second Amendment was recorded on July 22, 2008, in the Official Records of Placer County as Instrument No. 2008-0059263.

E. On September 2, 2009, City and RFLV, by Ordinance No. 4767, entered into the Third Amendment of the Development Agreement (“Third Amendment”). The

Third Amendment was recorded on September 10, 2009, in the Official Records of Placer County as Instrument No. 2009-0078876.

F. On July 17, 2013, City and ATC Realty One, LLC, by Ordinance No. 5211, entered into the Fourth Amendment of the Development Agreement (“Fourth Amendment”). The Fourth Amendment was recorded on August 20, 2013, in the Official Records of Placer County as Instrument No. 2013-0082174.

G. On May 7, 2014, City and ATC Realty One, LLC, by Ordinance No. 5337, entered into the Fifth Amendment of the Development Agreement (“Fifth Amendment”). The Fifth Amendment was recorded on June 18, 2014, in the Official Records of Placer County as Instrument No. 2014-0040699.

H. On August 6, 2014, City and West Roseville Development Company, Inc., by Ordinance No. 5385, entered into the Sixth Amendment of the Development Agreement (“Sixth Amendment”). The Sixth Amendment was recorded on August 14, 2014, in the Official Records of Placer County as Instrument No. 2014-0055752.

I. On September 15, 2017, City and ATC Realty One, LLC and Fiddymint 116 Lots, LLC, by Ordinance No. 5863, entered into the Seventh Amendment of the Development Agreement (“Seventh Amendment”). The Seventh Amendment was recorded on September 22, 2017, in the Official Records of Placer County as Instrument No. 2017-0073441.

J. On _____, 2020, City, ATC Realty One, LLC, and Roseville Schools, LLC, by Ordinance No. _____, entered into the Eighth Amendment of the Development Agreement (“Eighth Amendment”). The Eighth Amendment was recorded on _____, 2020, in the Official Records of Placer County as Instrument No. 2020-_____.

K. This Ninth Amendment affects that property owned by Developer within the Plan Area (the “Ninth Amendment Property”), as described in Exhibit “A” and depicted in Exhibit “B” attached to this Ninth Amendment.

L. This Ninth Amendment affects the Ninth Amendment Property and shall run with the land described herein.

M. The Ninth Amendment is authorized by Section 1.4 of the Development Agreement.

NOW THEREFORE, THE PARTIES MUTUALLY AGREE AS FOLLOWS:

1. AMENDMENT OF DEVELOPMENT AGREEMENT. The following sections and exhibits of the Development Agreement are hereby amended as follows:

a. Extended Term. For purposes of Section 1.3, City and Developer hereby agree to extend the term of the Development Agreement to and through March 29, 2054, unless the Development Agreement is terminated, modified or extended by

circumstances set forth in the Development Agreement, as amended, or by mutual consent of the parties hereto.

b. REVISED SECTION 3.7.8. Section 3.7.8 is revised in its entirety to read as follows:

“3.7.8 Water Conservation Goal for the Property. The City has determined, and the Developer agrees, that the available water supply is sufficient to serve the Property. This determination was the conclusion of a review of the demand and source issues created by the projected build-out of the Property. The demand for water at build-out of the Property was determined by reference to the City’s current information on water usage for the various land uses included and permitted within the City and the proposed land uses within the Property and by reference to the Developer’s Water Conservation Plan which includes a reduction in water use by 20.4% over current use characteristics.

The sources for water evaluated for the Project are the same types of source currently used throughout the City; namely, surface water contracts with federal and local agencies and the use of groundwater. City and Developer are satisfied that the demand and source assumptions relied upon to assure water for the Project (including the Ninth Amendment Property) are valid.”

2. EXHIBITS. The following New Exhibits and Revised Exhibits are attached hereto and incorporated herein by reference and hereby replace and supersede the respective Exhibits previously attached to the Development Agreement. Accordingly, all references to the applicable Exhibits in the Development Agreement, as amended hereby, shall mean and refer to the corresponding New and Revised Exhibits below:

New Exhibit A	Description of Ninth Amendment Property
New Exhibit B	Depiction of Ninth Amendment Property

3. CONSISTENCY WITH GENERAL PLAN. The City Council has found and determined that this Ninth Amendment of the Development Agreement is consistent with the General Plan and the West Roseville Specific Plan.

4. AMENDMENT. This Ninth Amendment amends, but does not replace or supersede, the Development Agreement, except as specified herein. As amended hereby, the Development Agreement remains in full force and effect.

5. FORM OF AMENDMENT. This Ninth Amendment is executed in two duplicate originals, each of which is deemed to be an original.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Ninth Amendment 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

JEN CALIFORNIA 15 LLC, a California
limited liability company

By: _____
Dominick Casey
City Manager

By: _____
Its: _____

ATTEST:

By: _____
Sonia Orozco
City Clerk

TAYLOR MORRISON OF
CALIFORNIA, LLC, a
California limited liability company

APPROVED AS TO FORM:

By: _____
Robert R. Schmitt
City Attorney

By: _____
Its: _____

APPROVED AS TO SUBSTANCE:

WEST ROSEVILLE DEVELOPMENT
COMPANY, INC., a California
corporation

By: _____
Mike Isom
Development Services Director

By: _____
Its: _____

By: _____
Its: _____

Exhibit A
Description of Ninth Amendment Property

EXHIBIT 'A'
WRSP Fiddymment Ranch DAA No. 9
Description of Properties Subject to DAA No. 9

Properties owned by JEN California 15, LLC.:

All that real property, located in the City of Roseville, County of Placer, State of California as shown on Exhibit B attached and described as follows:

Lot 17, as shown on the Final Map of Fiddymment Ranch Phase 2 Large Lot Subdivision, Subdivision No. 03-11, recorded in Book BB of Maps, at page 24, Placer County Records

Lots 1, 2, 3, 4, 5, 6, 7, 9, & 10, as shown on the Final Map of Fiddymment Ranch Phase 3 Large Lot Subdivision, Subdivision No. PL-0564, recorded in Book EE of Maps, at page 74, Placer County Records

Properties owned by Taylor Morrison Homes, Inc.:

All that real property, located in the City of Roseville, County of Placer, State of California as shown on Exhibit B attached and described as follows:

Lots 1, 2 & 3, as shown on the Final Map of Fiddymment Ranch Phase 2A Large Lot Subdivision, Subdivision No. PL-0364, recorded in Book DD of Maps, at page 88, Placer County Records

Properties owned by WRDC, Inc.:

All that real property, located in the City of Roseville, County of Placer, State of California as shown on Exhibit B attached and described as follows:

Lots 15, 17, 19 & 22, as shown on the Final Map of Fiddymment Ranch Phase 1 Large Lot Subdivision, Subdivision No. 03-11, recorded in Book AA of Maps, at page 10, Placer County Records

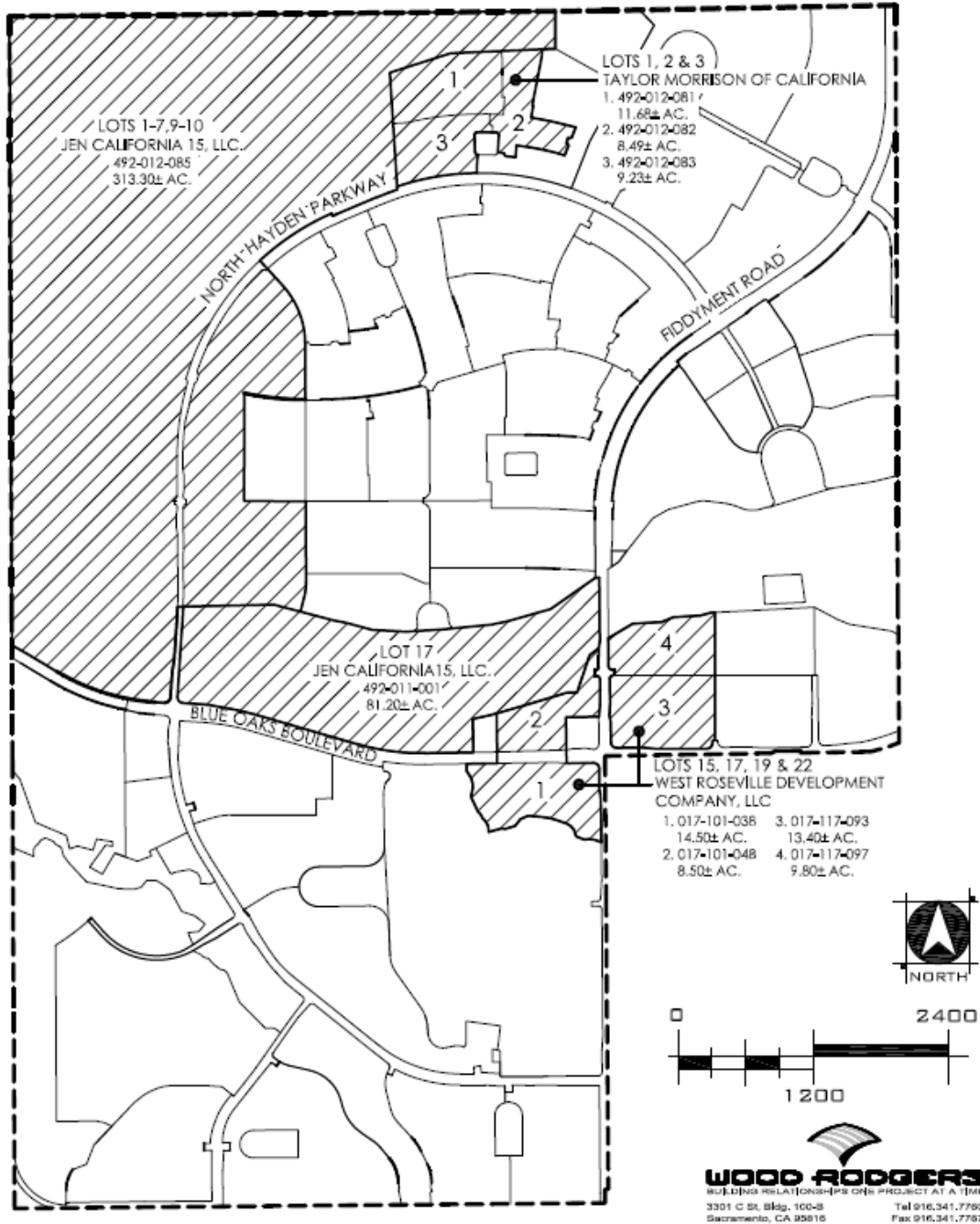
Exhibit B
Depiction of Ninth Amendment Property

EXHIBIT B

WRSP FIDDYMENT RANCH DAA NO.9

PROPERTIES SUBJECT TO DAA NO.9

JANUARY 2020





PLANNING COMMISSION COMMUNICATION

Title: ARSP Amendment - 3884 Westbrook BI - File # PL19-0312

Contact: Gina McColl, gmccoll@roseville.ca.us, 916-774-5452

Meeting Date: 2/27/2020

Item #: 6.2.

ATTACHMENTS:

Description

Staff Report

Exhibit A ARSP EIR Addendum

Exhibit A Attachment 3 Utilities Tech Memo

Exhibit B GPA and Rezone exhibit

Exhibit C ARSP change pages

Exhibit D DAA 148 Acre

Exhibit D DAA 525 Acre

Exhibit D DAA Exhibits

Exhibit E Tentative Map

Exhibit F MMRP

ITEM 6.2: **A General Plan Amendment, Specific Plan Amendment, Rezone, Development Agreement Amendment, and Tentative Large Lot Map Modification – 3884 Westbrook BI – ARSP Amendment – PL19-0312**

REQUEST

Request for two (2) Development Agreement Amendments, a General Plan Amendment, Rezone, Specific Plan Amendment, and Tentative Large Lot Map modification to make changes to the Amoruso Ranch Specific Plan to include additional avoidance of wetland features by increasing the land designated as Open Space by 10 acres and reducing the land designated for Low Density Residential (LDR) by 10 acres, resulting in a loss of 50 LDR units. The units will be accommodated in an existing Community Commercial – Village Center (CC-VC) parcel. Other amendments include the removal of a 60kV electrical line, minor modifications to the configuration of Public/Quasi Public (P/QP) parcels, and to the obligations for a potential well site.

Applicant – John Norman, Brookfield Sunset, LLC

Owner – Brookfield Sacramento Holdings, LLC and Angela Eisenpress Successor Trustee of the Amoruso Family Living Trust

SUMMARY RECOMMENDATION

The Planning Division recommends that the Planning Commission take the following actions:

- A. Consider the Addendum to the Amoruso Ranch Specific Plan EIR,
- B. Recommend the City Council approve the General Plan 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 two (2) Development Agreement Amendments,
- F. Approve the Tentative Large Lot Map modification subject to six (6) conditions of approval,
- G. Adopt the amended MMRP.

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 Amoruso Ranch Specific Plan (ARSP), and associated Environmental Impact Report (EIR), was approved by City Council in June of 2016 addressing development of approximately 696 acres with 2,827 residential unit, 51 acres of commercial, 17 acres of public and quasi-public, 22 acres of parks, 145 acres of open space, and 20 acres for urban reserve uses. Annexation of the ARSP area into the City of Roseville was approved by Placer County LAFCO on December 18, 2018. The Tentative Large Lot Map reflecting the ARSP land use parcels was approved by Planning Commission on January 10, 2019. Thereafter, the Applicant began coordination with the U.S. Army Corps of Engineers (USACE) for a federal Clean Water Act (CWA) Section 404 permit as required for development of land featuring jurisdictional wetlands (Final EIR, p. 2-63). During this process, the USACE required additional avoidance of wetland features above what was initially proposed and analyzed in the EIR. The purpose of this request is therefore to modify the ARSP land use plan to increase the amount of open space preserve area, consequently reducing the amount of the developable land, consistent with the USACE requirements. The overall acreage of the ARSP and number of housing units is not changing with this request.

SITE INFORMATION

Location: The ARSP is located along the northwestern edge of the City, adjacent to Placer County land to the north and the east (Placer Ranch), and portions to the west, the remainder of the west is the Al Johnson Wildlife area, and to the south is the Creekview Specific Plan, as shown in Figure 1.

Total Size: 696 acres. The project results in modifications to approximately 1% of the ARSP acreage.

Topography and Setting: The ARSP has yet to be developed. The site general is characterized by gently rolling terrain and contains nonnative annual grasslands, some wetlands, and University Creek, which runs east to west through the southwest portion of the site (FEIR, pp. 2-4 to 2-6). Land to the north, east, and west of the northern portion of the site is in unincorporated Placer County and is comprised of rural subdivision with multi-acre parcels and agricultural land (FEIR, p. 4.1-2). Land to the south, southwest, and west of the southern portion of the project site is in the City, a portion of which to the southeast will remain open space as the planned Al Johnson Wildlife Area; another portion of which to the south is slated to be developed as a 501-acre residential development (Creekview Specific Plan)

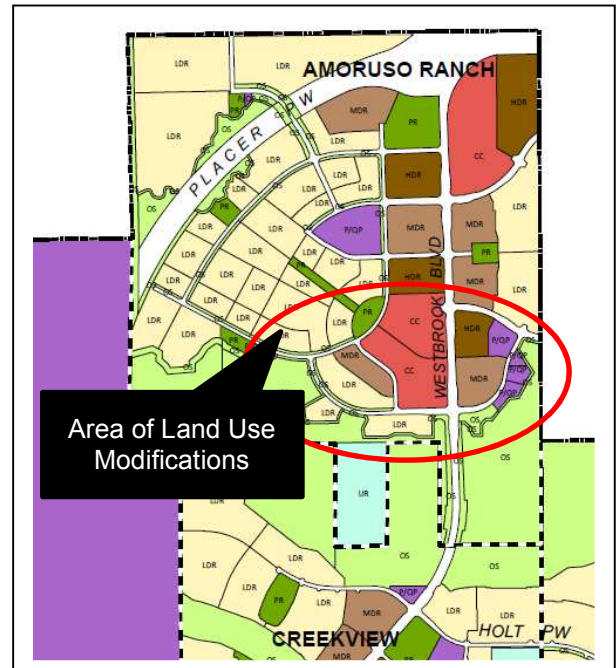


Figure 1: Project Location

EVALUATION: GENERAL PLAN AMENDMENT, SPECIFIC PLAN AMENDMENT, AND REZONE

The proposed land use (General Plan and ARSP) and zoning designation amendments are shown in **Exhibit B**. The proposed change pages to the ARSP are provided in **Exhibit C**. The complete adopted ARSP is available online at <https://www.roseville.ca.us> under Government/Departments & Divisions/Development Services/Planning/Specific Plans/Amoruso Ranch Specific Plan .

Proposed amendments to the General Plan and Specific Plan are analyzed for consistency with the goals and policies of the respective plans. The 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.**

Land Use and Zoning

The proposed land use amendments are primarily to the Low Density Residential (LDR) parcels bordering the southern open space preserve, specifically to parcels AR-24 and AR-37. These parcels will be decreased by approximately 10 acres and the adjacent open space parcels will be increased by approximately 10 acres. The loss in developable acreage on AR-24 and AR-37 reduces the amount of residential units that can be accommodated on these parcels by 50 units. The 50 residential units will be accommodated for in the Community Commercial – Village District (CC-VC), which already anticipates residential uses. The open space preserve area adjacent to the Public/Quasi-Public (P/QP) parcel, AR-55, is also expanding. AR-55 is being reconfigured and subdivided to accommodate the various P/QP land uses anticipated on the parcel by the specific plan. The applicant is also proposing to eliminate the R1 zoning designation, rezoning all LDR

lots to Small-Lot Residential (RS) to respond to market conditions. These land use and zoning changes are summarized in the proposed ARSP amendments, Table 4.1:

Table 4.1 Land Use Summary					
General Plan Land Use	Applied Zoning District	Acres	% of Total Acres	Allocated Units	% of Total Units
LDR (Low Density Residential)	R1 ; RS	248.77 <u>239.34</u>	35.83 <u>34.47</u> %	1302 <u>1252</u>	46.06 <u>44.29</u> %
MDR (Medium Density Residential)	RS	50.27	7.24%	542	19.17%
HDR (High Density Residential)	R3	38.13	5.49%	873	30.88%
Community Commercial - Village District	CMU-SA (Commercial Mixed-Use - Special Area)	27.27	3.93%	409 <u>159</u>	3.86 <u>5.62</u> %
Community Commercial	CC (Community Commercial)	23.85	3.43%		
Open Space	OS	144.19 <u>134.81</u>	20.76 <u>19.42</u> %		
Open Space (Paseos)	OS	10.7 <u>44</u>	1.5 <u>54</u> %		
Parks & Recreation	PR	22.14	3.19%		
Public / Quasi Public	P/QP (Fire Station)	3.02	0.43%		
	P/QP (Monitoring Well and PRV/Storage Water Storage Well)	3.46 <u>1.35</u>	0. <u>21</u> 50 %		
	P/QP (Lift Station A)	0.28	0.04%		
	P/QP (Lift Station B)	0.85	0.12%		
	P/QP (School)	9.62	1.39%		
	P/QP (Community Facility)	<u>1.46</u>	<u>0.21</u> %		
	P/QP (Recycling Center)	<u>0.65</u>	<u>0.09</u> %		
Urban Reserve	UR	20.00	2.88%	1	0.03 <u>0.4</u> %
Misc. Roads		101. <u>22</u> <u>24</u>	14.5 <u>87</u> %		
Total		694.40	100%	2827	100%

The land use changes are minor, do not significantly change the location or distribution of uses, do not reduce the amount of allocated residential units or reduce the acreage dedicated to city facilities, do not increase the amount of trips generated for development of the plan (see ARSP EIR Addendum) and remain consistent with the original intent of the specific plan. The rezone from R1 to RS will still allow for single-family residential development that was anticipated by the plan yet will allow developers more flexibility in lot sizing and development standards to respond to market conditions.

Public Facilities

Parcel AR-55 was originally planned to provide land for a combination of public facilities including a water storage well and recycling collection center. Parcel AR-55 was required to be reconfigured and relocated slightly to the south to accommodate additional wetland avoidance area. A conceptual plan for development of the parcels proved that, due to the more linear design of the parcels, the acreage reserved for these facilities could be reduced. The parcel is therefore being subdivided to provide one parcel for each public use (e.g. well storage, recycling) and a third “extra land” P/QP parcel, which the City can use as needed for any future community facility needs.

The land use changes will result in a slight decrease in the park fees that would have been collected from development of the plan area. However, the park impact fees are being increased such that there will be no loss in total park fees, as outlined (below) in the Development Agreement Amendment.

The amended ARSP removes all references to a 60kV line being installed along Westbrook Boulevard. The sole purpose of this line was to feed the Placer Ranch Specific Plan (PRSP) when it was anticipated to be incorporated into the City of Roseville. PRSP is now an approved County project, will no longer be served by Roseville Electric, and therefore is no longer an obligation within the ARSP.

A technical memo was prepared to evaluate potential impacts to water distribution from the redistribution of the 50 residential units (see Attachment 3 of the ARSP EIR Addendum). The memo determined there would be no negative impacts to water supply. The project results in a slight decrease in water demand and waste generation.

EVALUATION: DEVELOPMENT AGREEMENT AMENDMENT

Development Agreements (DAs) are binding contracts that set the terms, rules, conditions, regulations, entitlements, obligations, and other provisions relating to the development of the covered properties. The ARSP is subject to two (2) nearly identical Development Agreements, one covering a 525.7 acre portion of the Specific Plan and one covering a 148.7 acre portion of the Specific Plan. Both of these DAs include the same terms, conditions, obligations, etc., and, except for the legal descriptions, the same exhibits. The proposed amendments to these DAs are similarly nearly identical. The changes, described below, are proposed for both DAs.

The proposed amendments to the DAs (Exhibit D.1 (525.7 acres) and D.2 (148.7 acres)) include changes that provide an alternative to the requirement that the developer construct a groundwater well, removal of financing and construction obligations for new treated water from PCWA, removal of easement and disclosure for a proposed 60kV electrical line, and an increase to park fees. The amendments also include updates to make sections consistent with the land use amendments. The modified sections are summarized below.

- Section 2.2 related to the approved land uses has been updated to reflect updated units and acreages.
- Section 3.7.2 related to the financing of new water supply from PCWA. This section is revised to reflect that the City's Environmental Utilities Department has since secured water supply for the plan area and City costs to provide the water supply have been absorbed and accounted for through the payment of water connection fees obligated of the developer.
- Section 3.7.3 related to the groundwater well has been modified to remove the requirement that Parcel AR-55 be developed with a groundwater well, assuming the City adopts a revised water connection fee which encompasses the costs of the well construction requirements.

- Section 3.7.5 related to the confirmation of water conservation goals acknowledging the City's new system for monitoring and enforcing water conservation.
- Section 3.9.2 acknowledging a revised Citywide water connection fee.
- Section 3.11.3 related to the CSP Electric Substation for consistency with new terms and obligations within the Creekview Specific Plan Development Agreement.
- Section 3.11.4 related to the elimination of the 60kV electric line.
- Section 3.12.3 related to an increase in park fees to make the total anticipated park impact fees whole.
- Exhibits A - T, V, W, Y, and AA – have been revised to show the revised parcel configurations and to update the water conservation and water facilities plans.

Zoning Ordinance Section 19.84.040 specifies that recommendations for approval or denial of a DA, including Amendments, 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 amendments includes new and revised exhibits to reflect the proposed changes. As amended, the two (2) DAs maintain consistency with the objectives, policies, programs, and land use designations of the General Plan and the Zoning Ordinance, conform to public health and safety needs, will result in orderly development and will maintain property values, and provides a benefit to the City.

EVALUATION: TENTATIVE LARGE LOT MAP MODIFICATION

The Tentative Map (**Exhibit E**) will slightly modify the large lot LDR and P/QP parcels adjacent to the southern open space preserve areas, as previously mentioned. Additional parcels have been added, to accommodate additional open space preserve areas and/or future public facilities. The acreage and lot identification modifications are outlined in specific plan amendment.

Section 18.06.300 of the Subdivision Ordinance specifies that recommendations for approval of a tentative map modification shall be deemed:

1. Substantially consistent with the intent of the original approval;
2. Do not change the finding(s) upon which the approval was based;
3. Do not have a substantial or significant effect on the property rights of other land owners in the area.

The map modifications result in parcels that are substantially consistent with the original map. No changes are proposed to the location or design of roadways or utilities. The reconfiguration of the parcels will result in lots which can be used and built upon, and which are practical for improvement based on the existing topography. No conflicts with the General Plan or Subdivision Design Standards have been identified.

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, no comments have been received.

CONCLUSION

As demonstrated by the analyses in the foregoing sections, the proposed project is consistent with the policies and intent of the General Plan and the ARSP. 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

Pursuant to CEQA Guidelines Section 15164, an addendum to the Amoruso Ranch Specific Plan Environmental Impact Report (ARSP EIR), which was certified on June 15, 2016 (SCH# 2013102057), has been prepared to address the minor technical changes needed to describe the proposed project. The ARSP EIR Addendum is provided as **Exhibit A**. No additional analysis is required. An amended Mitigation Monitoring and Reporting Program (MMRP) has been prepared to reflect elimination of Mitigation Measure 4.12.1-1, which obligates the Applicant to secure and ensure water supply to the project. As outlined in the ARSP EIR Addendum and the ARSP DA Amendment, water supply to the plan area will be provided by the City. The amended ARSP MMRSP is provided in **Exhibit F**.

RECOMMENDATION

The Planning Division recommends the Planning Commission take the following actions:

- A. Consider the Addendum to the Amoruso Ranch Specific Plan EIR.
- B. Recommend the City Council approve the **General Plan Text and Land Use Amendment – 3884 Westbrook Bl. – ARSP Amendment – PL19-0312**.
- C. Recommend the City Council approve the **Specific Plan Text and Land Use Amendment – 3884 Westbrook Bl. – ARSP Amendment – PL19-0312**.
- D. Recommend the City Council adopt the two (2) findings of fact as stated in the staff report and approve the **Rezone – 3884 Westbrook Bl. – ARSP Amendment – PL19-0312**.
- E. Recommend the City Council approve the two (2) **Development Agreement Amendments – 3884 Westbrook Bl. – ARSP Amendment – PL19-0312**.
- F. Approve the **Tentative Large Lot Map modification - 3884 Westbrook Bl. – ARSP Amendment – PL19-0312** subject to six (6) conditions of approval.
- G. Adopt the **Amended Mitigation and Reporting Program (MMRP) for the ARSP EIR**.

CONDITIONS OF APPROVAL FOR TENTATIVE LARGE LOT MAP

1. The Tentative Large Lot Map is approved as shown in **Exhibit E** and as conditioned or modified below.
(Planning)
2. The Tentative Large Lot Map shall be valid for a period of two (2) years from the approval date, February 27, 2020, and shall expire on **February 27, 2022**. Prior to said expiration date, the applicant may apply for an extension of time, provided however, that this approval shall be extended for no more than six (6) years from **February 27, 2022**. (Planning)
3. The project shall comply with all required environmental mitigation identified in the **(Amended) ARSP EIR MMRP** and shall include all applicable mitigation measures as notes on the grading and improvement plans. (All Departments)
4. This map is subject to the previously approved conditions of approval for the ARSP Tentative Large Lot Map, Record # PL18-0345, except as modified below.
5. Condition #35, of the Tentative Large Lot Map Conditions of Approval (Record #PL18-0345) shall be modified as follows:

*Lot AR-57 shall be 0.80 acres minimum as identified in Table 4.1 of the Amoruso Ranch Specific Plan.
(Engineering, Environmental Utilities)*

6. Condition #7, of the Tentative Large Lot Map Conditions of Approval (Record #PL18-0345) shall be modified as follows:

*The developer shall not commence with any on-site improvements until such time as grading and/or improvement plans are approved and/or encroachment permits are issued by Development Services
(Engineering).*

Exhibits

- A. Addendum to the ARSP EIR
- B. General Plan Land Use Amendment and Rezone
- C. Amoruso Specific Plan Amendment Change Pages
- D.1. First Amendment of the ARSP Development Agreement (525.7 acres)
- D.2. First Amendment of the ARSP Development Agreement (148.7 acres)
- E. Tentative Large Lot Map
- F. ARSP EIR MMP

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.

ADDENDUM TO AMORUSO RANCH PROJECT SPECIFIC PLAN ENVIRONMENTAL IMPACT REPORT (SCH # 2013102057, CERTIFIED ON JUNE 15, 2016)

Project Title/File Number:	Amoruso Ranch Specific Plan (ARSP) / 2011PL-039 (ANN-000007, GPA-000061, SPA-000043, RZ-000058 & DA-000047)
Project Location:	Accessor Parcel Numbers (APN) 017-020-03, 017-020-036, 017-020-037, 017-010-010, 017-010-011; United States Geological Survey, "Pleasant Grove, CA" 7.5 Minute Topographic Quadrangle, Township 11 North Range 5 East, Sections 11 and 14, Mt. Diablo Baseline and Meridian.
Project Description	The Project as originally proposed and analyzed in the previously certified EIR includes the following components: • Adoption of the ARSP, which establishes the land use and regulatory framework for approximately 695 acres of mixed-use development (residential, commercial, public/quasi-public, and open space); • Approval of amendments to the City of Roseville (City) General Plan; • Approval of pre-zoning designations; • Approval of a large lot tentative subdivision map; • Approval of development agreements between the City and the Applicant and landowners; • Amendment of the City's sphere of influence to include the Project site; and • Annexation of the project site into the City. Proposed modifications to the Project and previously adopted EIR include the following: • Adoption of amended ARSP; • Approval of amended zoning designations; • Approval of amended large lot tentative subdivision map; • Approval of amended development agreement between the City and Applicant • Adoption of Amended Mitigation Monitoring and Reporting Program (to Eliminate Mitigation Measure 4.12.1-1) See below for more detail.
Project Applicant:	Brookfield Residential / Amoruso Family Trust
Property Owner:	• Angela Eisenpress, Successor Trustee of the Amoruso Family Living Trust, Dated March 14, 2005

- Brookfield Sacramento Holdings, LLC, a Delaware Limited Liability Company

Lead Agency Contact: Gina McColl, Associate Planner

An Addendum to a previously certified and adopted 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 or negative declaration 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 that require additional discussion.

Table of Contents

Project Description 4

Purpose and Scope of Addendum 7

Environmental Checklist for
Addendum Environmental Review 10

Environmental Determination 24

Attachments 24

PROJECT DESCRIPTION

Project Location

For a detailed description of the project location, refer to Chapter 2 of the Amoruso Ranch Specific Plan (ARSP) and Chapter 2 of the environmental impact report (EIR), included here as Attachment 1. The project site is located along the northern edge of the City of Roseville, approximately 6.5 miles west of Interstate 80 and State Route 65 and 5 miles northwest of downtown Roseville on approximately 695 acres. The Project site consists of APNs 017-020-016-510, 017-020-017-510, 017-010-054-000, 017-010-010-000 and is found on the United States Geological Survey in the “Pleasant Grove, CA” 7.5 Minute Topographic Quadrangle, Township 11 North Range 5 East, Sections 11 and 14, Mt. Diablo Baseline and Meridian. See Figure 2-1 of the EIR and Figure 2.2 of the ARSP.

Background

For detailed Project background information, refer to Section 2.2 of the EIR. The ARSP was developed to comport with the City’s growth vision and create a “comprehensively planned, residential-based community with a mix of land uses” to provide “employment opportunities” and “housing choices” to help the City meet “its obligation to accommodate...future population growth in the region” (Final EIR [FEIR], p. 2-9). In May 2011, a formal project application was submitted to the City, and in 2013 the notice of preparation (NOP) was released. The EIR was prepared to analyze potential environment effects associated with adoption of the ARSP and affiliated Project components and entitlements. The Draft EIR (DEIR) was distributed for public review on March 1, 2016. Several public workshops and hearings were held from March 10 to April 11, 2016, after which the FEIR was prepared. On April 14, 2016, the Planning Commission recommended that the City Council adopt and approve all Project components and affiliated entitlements of the ARSP and certify the EIR, and on June 15, 2016, the City Council did so (Resolution No. 16-271).

Thereafter, the Applicant began coordination with the U.S. Army Corps of Engineers (USACE) for a federal Clean Water Act (CWA) Section 404 permit as required for development of land featuring jurisdictional wetlands (FEIR, p. 2-63). During this process, the USACE required additional avoidance of wetland features above what was initially proposed and analyzed in the EIR. To meet this requirement and effectuate other minor Project changes, the ARSP has been amended, which in turn causes amendments to zoning designations, the large lot tentative subdivision map, and the development agreement between the City and Applicant, which are discussed in more detail below and analyzed throughout this addendum.

Environmental Setting

For a detailed description of the environmental setting of the project site and its surrounds, refer to the “Environmental Setting” subsections within Sections 4.1 through 4.15 in Chapter 4 of the EIR; see also Section 2.3 and Figure 2-6 of the EIR. The project site’s land uses have been re-designated and rezoned as detailed in Chapter 4 of the ARSP and Chapter 2 of the EIR (and discussed below) and currently remains undeveloped. Prior land use designations for the project site and existing land use designations of its surrounds can be found in Sections 2.3 and 4.1.2 of the EIR (see FEIR, Figure 4.1-2). Generally, the site is characterized by gently rolling terrain and contains nonnative annual grasslands, some wetlands, and University Creek, which runs east to west through the southwest portion of the site (FEIR, pp. 2-4 to 2-6). Land to the north, east, and west of the northern portion of the site is in unincorporated Placer County and is comprised of rural subdivision with multi-acre parcels and agricultural land (FEIR, p. 4.1-2). Land to the south, southwest, and west of the southern portion of the project site is in the City, a portion of which to the southeast will remain open space as the planned Al Johnson Wildlife Area; another portion of which to the south is slated to be developed as a 501-acre residential development (Id., p. 4.1-4).

Proposed Project

Originally Proposed Project

For a detailed description of the originally proposed Project, refer to Chapter 4 of the ARSP and Chapter 2 of the EIR. A brief summary is included below.

Primary components of the originally proposed Project include:

- Adoption of the ARSP: The ASRP established the land use and regulatory framework for an approximate 695-acre mixed-use development that included 2,827 residential units (1,302 low density, 542 medium density, and 873 high density); 51 acres of commercial; 17 acres of public and quasi-public; 22 acres of parks; 145 acres of open space; and 20 acres for urban reserve uses. Development would occur over 30 years and three phases (FEIR, p. 2-58). The City Council adopted the ARSP and EIR on June 15, 2016.
- Approval of Amendments to the City General Plan: The project site was designated Agricultural/80-acre minimum in the Placer County General Plan (1994) and, as part of the Project, was annexed into the City and re-designated as indicated in Table 2-1 of the FEIR for future development as prescribed in Chapter 4 of the ARSP and Chapter 2 of the EIR. The General Plan amendments were approved by City Council on June 15, 2016.
- Approval of Pre-zoning Designations: The project site was zoned Building Site, 80 acres minimum (F-B-X 80 acre) by Placer County and, as part of the Project, was annexed into the City and rezoned as indicated in Table 2-1 of the FEIR for future development as prescribed in Chapter 4 of the ARSP and Chapter 2 of the EIR. The zoning designations were approved by City Council on June 15, 2016.
- Approval of Large Lot Tentative Subdivision Map: The large lot tentative subdivision map was approved by City Council on January 10, 2019; large lot final map recorded May 3, 2019, in Book EE of Maps, at Page 51, Official Records of Placer County.
- Approval of Development Agreements between City and the Applicant and Landowners: The development agreements are binding contracts through which the ARSP would be implemented. They were approved by City Council on June 15, 2016.
- Amendment of the City's Sphere of Influence: The City's sphere of influence would be amended to include the project site. The sphere of influence was approved for amendment by City Council on June 15, 2016.
- Annexation of Project site into City: The project site would be annexed into the City from the County upon approval by Placer County LAFCO. A request to LAFCO for annexation was approved by City Council on June 15, 2016. LAFCO approved annexation on December 18, 2018.

Proposed Project Modifications

Modifications to the proposed Project are described below and analyzed for their potential environmental effects throughout this addendum.

- Adoption of Amended ARSP: The ARSP will be amended to include additional avoidance of wetland features and implement other minor Project changes. Amendments listed below are discussed in revised Sections 4.1 through 4.3 of the ARSP Amendment, included here as Attachment 2, and reflected in revised Figure 4.1 and Tables 4.1 and 4.2. The Amended ARSP will require adoption by City Council.

- o Increase of approximately 10-acres of land designated as Open Space and zoned Open Space (OS) in parcels AR-97 and AR-105 along the southern border of the project site, to accommodate USACE's requirement for additional wetland avoidance in order to obtain a CWA Section 404 permit;
 - To accommodate this increase in open space, the following would occur:
 - A reduction of approximately 10-acres of land designated as Low Density Residential and zoned Small Lot Residential (RS) in parcels AR-24 and AR-37, which abut the increased open space area at the southern border of the project site
 - A corresponding transfer of 50 Low Density Residential (LDR) units from these parcels to 50 Community Commercial – Village Center (CC-VC) residential units to be located within the inner core of the project site on AR-52;
- o Assorted smaller acreage transfers from parcels designated and zoned for residential to those designated and zoned for open space to accommodate an increase in buffers between developed and undeveloped portions of the Project;
- o Amended zoning designation for parcels AR-1, AR-2, and AR-3 from Single-Family Residential (R1) to Small Lot Residential (RS), to accommodate changing demographics and market trends;
- o Division of parcel AR-55 into three separate parcels (AR-55, AR-58, and AR-59) to better match comparable specific plans within the City's sphere of influence that have created separate parcels for separate Public/Quasi Public land uses (ARSP Amendment, pp. 9-2, B-17), with AR-58 remaining reserved for water facilities (included the potential well site), AR-59 remaining reserved for recycled water and wastewater, and AR-55 remaining reserved for other undetermined community purposes. All three parcels will be dedicated to the City in fee.
- o Removal of the planned 60 kilovolt (kV) electrical line along Westbrook Boulevard and Road A, to accommodate changes with the neighboring planned development Placer Ranch that will remain under Placer County jurisdiction instead of being annexed in to the City as previously planned (ARSP Amendment, pp. 9-13 to 9-14; see FEIR, p. 4.12-5-3); and
- o Additional restrictions on fencing and housing placement along open space boundaries that require fencing to remain visually open no more than 50 percent of open space to have homes backing onto it (see ARSP Amendment, Appendix A, pp. A-4 to A-5).
- o Minor changes to the water transmission and drainage systems in the southeastern portion of the project site to accommodate the above-described changes (see ARSP Amendment, pp. 9-4, 9-10; see also Utility Systems Updates Technical Memorandum, included here as Attachment 3).
- Approval of Amended Zoning Designations: The amended zoning designations described above will require City Council approval.
- Approval of Amended Large Lot Tentative Subdivision Map: The large lot tentative map has been amended to reflect the ARSP amendments described above and will require Planning Commission approval.
- Approval of Amended Development Agreement between City and Applicant: Amendments to the development agreement between the City and Applicant have been made to reflect the ARSP amendments described above and will require City Council approval. The amended development agreement is included here as Attachment 4.

- Re-adoption of Amended Mitigation Monitoring and Reporting Program (to Eliminate Mitigation Measure 4.12.1-1): Mitigation Measures (MM) 4.12.1-2 will be eliminated because it has been determined that the City is responsible for securing and ensuring a water supply to the project site—not the Applicant (FEIR, p. 4.12.1-67). In lieu, the Applicant shall pay the City water connection fees. The Mitigation Monitoring and Reporting Program (MMRP) adopted on June 15, 2016 (see Resolution No. 16-271) will be amended to exclude this measure and requires re-adoption by City Council.

PURPOSE AND SCOPE OF ADDENDUM

Basis for Addendum

This addendum has been prepared pursuant to CEQA Guidelines and legislative directives (CEQA Guidelines § 15164; Public Resources Code [PRC] §§ 21083, 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 document (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 (*Ibid*). Substantial evidence presented in this addendum demonstrates that the proposed Project modifications, described above and analyzed below, do 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 (CEQA Guidelines § 15162(a)). Therefore, an addendum is the appropriate CEQA document, and a subsequent or supplemental EIR is not warranted (*Id.*, § 15164(e)).

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 applicable 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, which are 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.)

Impact Conclusions in Previous EIR

The EIR to which this addendum is being attached was certified by the City Council on June 15, 2016. It is currently available for review at the City of Roseville, Development Service Department, Planning Division, 311 Vernon Street, Roseville, CA, 95678, and online at <https://www.roseville.ca.us> under Government/Departments & Divisions/Planning/Specific Plans, Planning Areas & Development Agreements/Amoruso Ranch Specific Plan. See Background section above for more details.

The EIR identified the following impacts as significant and unavoidable:

- 4.1-3: Potential Incompatibility with Existing Agricultural and Other Land Uses in Placer County and the City of Roseville

- 4.1-8: Cumulative Impacts From Agricultural Resources Conversion
- 4.3-5: Increased Traffic Volumes at Intersections within Placer County, Sutter County, Sacramento County, or City of Lincoln Under Existing Conditions
- 4.3-6: Increased Traffic Volumes on Roadways Within Placer County, Sutter County, Sacramento County, or City of Rocklin Under Existing Conditions
- 4.3-8: Increased Traffic Volumes on State Highways Under Existing Conditions
- 4.3-9: Increased Traffic at City of Roseville Intersections Under 2035 CIP Conditions
- 4.3-11: Increased Traffic on Placer County, Sutter County, Sacramento County, City of Rocklin, or City of Lincoln Intersections Under 2035 CIP Conditions
- 4.3-12: Increased Traffic Volumes on Roadways within Placer County, Sutter County, Sacramento County, or City of Rocklin Under 2035 CIP Conditions
- 4.4-1: Generate Short-Term Construction Related Emissions of Criteria Air Pollutants
- 4.4-2: Generate Long-Term Operational Related (Regional) Emissions of Criteria Air Pollutants
- 4.4-5: Exposure of Sensitive Receptors to Odors
- 4.4-6: Consistency with Plans and Policies
- 4.5-1: Generate a Substantial Contribution To GHG Emissions that Conflicts with an Applicable Plan or Policy
- 4.6-1: Short-Term Noise Generated by Construction Activity
- 4.6-5: Substantial Permanent Increase in Ambient Noise Levels as a Result of the Existing Plus Project Increase in Traffic Noise
- 4.6-7: Substantial Permanent Increase in Ambient Noise Levels as a Result of the 2035 CIP Plus Project Increase in Traffic Noise Outside the Project Site
- 4.12.3-3: Construction or Expansion of Wastewater Treatment Facilities
- 4.13-6: Construction of Off-Site Stormwater Retention Facilities
- 4.14-1: Alteration of the Visual Character of the Site and Vicinity
- 4.14-2: New Sources of Light and Glare
- 4.14-3: Degradation of Scenic Resources and Scenic Vistas

The EIR also identified the following cumulative impacts as significant and unavoidable:

- 4.3-15: Increased Traffic on City of Roseville Intersections Under 2035 Cumulative Conditions
- 4.3-17: Increased Traffic on Placer County, Sutter County, Sacramento County, or City of Lincoln Intersections Under 2035 Cumulative Conditions
- 4.3-20: Increased Traffic Volumes on State Highways Under 2035 Cumulative Conditions
- 4.4-7: Result in a Cumulatively Considerable Net Increase in Criteria Pollutants
- 4.6-9: Substantial Permanent Increase in Ambient Noise Levels as a Result of the 2035 Cumulative Plus Project Increase in Traffic Noise Outside the Project Site
- 4.8-18: Cumulative Impacts to Biological Resources
- 4.12.1-4: Capacity of Water Treatment System to Meet Potable Water Demand
- 4.12.1-8: Cumulative Water Supply and Water Treatment Impacts
- 4.12.3-5: Cumulative Wastewater Impacts
- 4.12.4-5: Cumulative Solid Waste Impacts
- 4.14-4: Cumulative Aesthetic Impacts

No new impacts, including significant or unavoidable ones, occur as a result of proposed Project modifications, and none of the previously identified impacts are made substantially more severe (discussed in more detail below).

Issue Areas Removed from Additional Evaluation

Proposed Project modifications would not require additional construction or development on undeveloped land beyond what was previously analyzed in the certified EIR because there would be no increase in residential units and no other planned development where it was previously unplanned (see EIR, Figure 2-3, Section 2.11, and Section 4, compared with to ARSP Amendment, Figure 4.1). In fact, the increase in open space and decrease in development of undeveloped acreage from the original ARSP would slightly reduce environmental impacts overall. As a result, proposed Project modifications do not have the potential to change the regulatory framework, impact discussion, mitigation measures, or significance conclusions for the following issue areas: aesthetics, agriculture and forestry resources, air quality, cultural resources, energy, geology and soils, greenhouse gas emissions, hazards and hazardous materials, hydrology and water quality, mineral resources, noise, population and housing, public services, recreation, transportation, tribal cultural resources, and wildfire. These areas are not analyzed further in the checklist but are discussed briefly below. CEQA only requires that environmental documents give decisionmakers sufficient detail on environmental consequences and does not purport to merely “generate paper” by excessively explaining consequences that are “so simple they are almost self-explanatory.” (*Save Our Residential Environment v. City of West Hollywood* (1992) 9 Cal.App.4th 1745, 1754; *Laurel Heights Improvement Assn. v. Regents of University of California* (1988) 47 Cal.3d 376, 393; *Save Our Residential Environment v. City of West Hollywood* (1992) 9 Cal.App.4th 1745, 1754).

Revisions made to the ARSP would not change the overall aesthetic nature of the planned development, and some serve to reduce visual impacts—specifically the new open fencing and home placement restrictions that allow more open space to be viewed by visual receptors. Therefore, aesthetics need not be further analyzed. Similarly, agriculture and forestry resources, cultural resources, geology and soils, hydrology and water quality, mineral resources, recreation, and tribal cultural resources do not require additional analysis. These issue areas require disturbance of previously undisturbed land to incur environmental effects, and the proposed Project modifications will not disturb more undisturbed land than previously analyzed in the certified EIR because it does not include new construction or development. Further, no increase in “construction and/or operation” means no additional or more severe impacts to, or from, energy, hazards and hazardous materials, noise, population and housing, public services, and recreation because there can be no physical environmental change to these issue areas without the impetus of such project action (FEIR, p. 1-9; see CEQA Guidelines §§ 15358(b), 15378(a)). And, changes to the water transmission and drainage systems that will occur in the southeastern portion of the project site are so minor that the systems remain “largely unchanged,” with water and drainage flows remaining “the same,” thereby precluding environmental impacts to issue areas as a result (see Utility Systems Updates Technical Memorandum, pp. 5, 10).

Impacts to transportation systems also would not increase because proposed Project modifications would not generate any significant amount of new vehicle trips beyond what was previously analyzed in the certified EIR (FEIR, pp. 4.3-43 to 4.3-44). Trip generation rates are based on development of structures and their respective land uses (e.g., high-density residential, low-density residential, commercial) (FEIR, Appendix M [p. 64]). No additional development will occur under proposed Project modifications, and the only relevant land-use shift will be a rezone that allows 50 residential units to change from a lower density housing designation (LDR) to higher density housing designation (CC-VC). This rezone will result in a slight decrease in the amount of daily trip numbers shown in the FEIR and will not exceed the City’s threshold for requiring additional analysis, which is set at an increase of 50 PM peak-hour trips (see FEIR, Table 4.3-7 [currently showing 609 PM peak-hour trips for multi-family residential units, significantly less than the 1,954 PM peak-hour trips for single-family residential]). Further, projected area distribution of vehicle trips will not change because the Project was analyzed with one external point of entry/egress only, which does not change with proposed modifications (see FEIR, Figure 4.3-5). No significant increase in vehicle trips, construction, or development means no increase in air pollutants and greenhouse gas emissions because these are only relevant sources of project-related air pollutants (FEIR, p. 4.4-22 to 4.4-26, 4.5-20). Therefore, no additional environmental impacts to air quality and from greenhouse gas emissions would occur that could warrant further checklist evaluation. Lastly, wildfire need not be further addressed because the project site is not within a State Responsibility Area, which is a checklist threshold for

wildfire analysis; upon annexation it received fire protection from the Roseville Fire Department and not CAL FIRE (FEIR, pp. 4.11-5, 4.11-8).

A full discussion of how these issue areas may be impacted by the Project can be found in Chapter 4 of the EIR. See also “No New Circumstances or New Information” below.

Issue Areas Receiving Additional Evaluation

Some proposed ARSP amendments and EIR revisions, however, are so closely tied to certain issue areas that, although no impacts are anticipated, were evaluated out of an abundance of caution, specifically: biological resources, land use and planning, and utilities (water supply). See also “No New Circumstances or New Information” below.

No New Circumstances or New Information

Since certification of the previous EIR on June 15, 2016, circumstances surrounding the formerly proposed project and its location have not substantially changed nor has any new information of substantial importance come to light that indicates the Project would create new significant impacts or increase the severity of existing significant impacts (CEQA Guidelines § 15162(a)). No new projects beyond those discussed in the previously certified EIR have been approved or proposed within the vicinity of the project site that could impact or increase the Project’s environmental effects, and the City is not aware of any other new information that might bear relevance on the Project’s CEQA analysis. 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. Therefore, there is no evidence on the record, or otherwise reasonably discoverable, indicating that any new circumstances or new information exist that that would: (a) 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.” Note that USACE’s requirement for additional wetland avoidance, discussed above in the “Background” section and below in Biological Resources,” is a not a result of newly discovered wetlands or inadequate EIR analysis or mitigation measures but a product of unanticipated requirements by the agency.

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.

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 or adoption 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 or adopted 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.

The discussion below relies on analysis conducted for the EIR with minor supplements were appropriate.

Mitigation Measures

Applicable mitigation measures from the prior environmental review that apply to the project are listed under each environmental category.

Conclusions

A discussion of the conclusion relating to the analysis contained in each section.

CHECKLIST

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?	Impact 4.8-3 Impact 4.8-4 Impact 4.8-5 Impact 4.8-6 Impact 4.8-11 Impact 4.8-12 Impact 4.8-14 (General loss of biological resources, onsite and offsite; cumulative impacts: Impact 4.8-15, Impact 4.8-16, Impact 4.8-18)	No	No	No	MM 4.8-3 MM 4.8-4 MM 4.8-5 MM 4.8-6 MM 4.8-7 MM 4.8-9 MM 4.8-10 (MM 4.8-1 (a) , MM 4.8-1 (b), MM 4.8-2, MM 4.8-3, MM 4.8-4, MM 4.8-5, MM 4.8-6, MM 4.8-7, MM 4.8-9, MM 4.8-10, MM 4.8-11, MM 4.8-12)
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?	Impact 4.8-7 Impact 4.8-10 Impact 4.8-13	No	No	No	MM 4.8-7 MM 4.8-8 MM 4.14-3
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?	Impact 4.8-2	No	No	No	MM 4.8-1 (a) MM 4.8-1 (b) MM 4.8-2
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife	Impact 4.8-8	No	No	No	MM 4.8-8 MM 4.14-3

species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?					
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	Impact 4.8-9	No	No	No	None
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	Impact 4.8-14	No	No	No	None
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?	See item c above				
Discussion: Biological resources are discussed in Section 4.8 of EIR. Impacts to biological resources as a result of Project implementation are discussed in Section 4.8.4 of the EIR, and mitigation measures to reduce these impacts are included in Section 4.8.5. The EIR addressed 18 impacts to biological resources, most of which were determined to be reduced to a less-than-significant level with mitigation. However, the EIR concluded that the Project would contribute to a significant and unavoidable cumulative impact to regional biological resources in conjunction with other regional development. Relevant proposed Project modifications include an amendment to the ARSP to add 10 acres of open space by expanding parcels that are already approved and designated/zoned for open space and reducing parcels already approved and designated/zoned for residential development and, to a lesser degree, assorted other smaller acreage transfers from land designated/zoned residential to open space (see “Project Description” above). The purpose of this 10-acre increase in open space is for additional avoidance of federally protected wetlands that occur on the project site, at the behest of the USACE—the federal permitting agency with jurisdiction over the required Section 404 permit (FEIR, p. 4.8-36). As part of the Section 404 permitting process, the USACE requested that the Applicant develop an alternative that would result in reduced adverse impacts to the aquatic environment, specifically to wetland resources within the southern portion of the Project site. This request for additional wetland avoidance was not known or anticipated at the time the original ARSP and EIR were prepared and adopted/certified. The Applicant and City have undertaken extensive consultation with the USACE during Project and document planning and preparation between June 2011 and November 2013, which resulted in the wetland protection and mitigation outlined in the EIR (see FEIR, p. 4.8-35). However, after preparation and release of the draft environmental impact statement (EIS) as required under the National Environmental Policy Act (NEPA) for issuance of a Section 404 permit for the Project (USACE Action ID: SPK-2004-00888), the Applicant and the USACE continued to examine potential ways that the Project could be further modified to avoid wetlands, particularly in the southern portion of the Project site. As a result, the					

proposed Project modifications include a revised land use plan that enlarges the southwestern open space area and reduces wetland impacts.

Parcels affected by this 10-acre transfer and other smaller acreage transfers are located on or near the southern/southwestern border of the project site and were found to contain terrestrial habitat (annual grassland) and aquatic habitat (vernal pools, seasonal wetland, seasonal wetland swale, intermittent drainage, seasonal creek/stream) along with vernal pool fairy shrimp, a federally protected special-status specie (see ARSP Amendment, Figure 4.1; FEIR, Figures 4.8-1 and 4.8-2, pp. 4.8-3 to 4.8-9 and 4.8-25 to 4.8-26). However, none of these, or any other, biological resources will be impacted by proposed Project modifications because no new or increased construction or development would occur that could impact habitat and species. In fact, the increase in open space will provide additional protection for habitat and species, specifically wetlands and fairy shrimp, essentially decreasing impacts and creating a beneficial effect that comports with, and does not conflict with, local policies/ordinances or conservation plans designed to protect species. Therefore, no substantially new or more severe significant impacts to biological resources as a result of proposed Project modifications will occur.

Mitigation Measures: Proposed Project modifications will not increase the potential for new significant or more severe significant impacts to biological resources, therefore no previous mitigation measures apply, and no new mitigation is warranted.

Conclusion: Proposed Project modifications will not create any significant new or substantially more severe significant impacts to biological resources; no mitigation is required.

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?	No Impact (FEIR, p. 4.1-31)	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?	Impact 4.1-1 Impact 4.1-2 Impact 4.1-3 Impact 4.1-4	No	No	No	MM 4.6-1a–d MM 4.6-2 MM 4.4-1
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	Impact 4.8-14	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?	Impact 4.1-1 Impact 4.1-2 Impact 4.1-3 Impact 4.1-4	No	No	No	MM 4.6-1a–d MM 4.6-2 MM 4.4-1
e) Conflict with any applicable habitat conservation plan or natural community conservation plan?	Question deleted; see updated Land Use item b and Biological Resources item f				
Discussion: Land use and planning is discussed in Section 4.1 of EIR. Impacts to land use and planning as a result of Project implementation are discussed in Section 4.1.4 of the EIR. The EIR addressed four impacts to land use and planning, three of which were less than significant level with mitigation. However, the EIR concluded that the Project would contribute to the significant and unavoidable impact of incompatibility with existing land uses. Relevant proposed Project modifications include a 10-acre increase in land designated as Open Space and zoned Open Space (OS) and a commensurate 10-acre decrease in land designated as Low Density Residential and zoned Small Lot Residential (RS), along with assorted smaller acreage transfers from land designated/zoned residential to open space (see “Project Description” above). As a result of this acreage					

shift, 50 proposed residential units would be transferred from parcels AR-24 and AR-37 to parcel AR-52 as higher density residential units (within the inner core of the project site). Additionally, amendments to zoning designations are proposed for parcels AR-1, AR-2, and AR-3 to rezone them from Single-Family Residential (R1) to Small Lot Residential (RS), to accommodate changing demographics and market trends. Further, a division of parcel AR-55 is proposed to create three separate parcels (AR-55, AR-58, and AR-59) in order to better match comparable specific plans within the City's sphere of influence that have created separate parcels for separate Public/Quasi Public land uses. After division, AR-58 will be reserved for water facilities, included a potential well site, AR-59 will be reserved for recycled water and wastewater facilities, and AR-55 will be reserved for other undetermined community purposes—all of these facilities were previously analyzed in the EIR (FEIR, pp. 2-12, 2-18, 4.12.1-36 to 4.12.1-67, 4.12.2-5 to 4.12.5-10). All three parcels will be dedicated to the City in fee.

These proposed amendments to zoning and land use do not change the overall nature of the Project and proposed development nor do they introduce any land uses that dramatically differ from those already analyzed in the previously certified EIR and approved by the City. These amendments would not physically divide an established community because, as stated in the EIR, “no community would be divided by the Proposed Project, as the project site is comprised of vacant land” (FEIR, p. 4.1-31). Further, like the originally proposed Project, the proposed amendments to land use and zoning would not conflict with (i.e., would be “consistent with”) applicable land use plans, policies, and regulations, including: the City Blueprint Implementation Strategies, the City General Plan (Community Design Goals, Community Form, Growth Management), some City Zoning Ordinances (allowed uses), CALTRANS Airport Land use Handbook, and the McClellan Land Use Compatibility Plan (FEIR, pp. 4.1-31, 4.1-34, 4.1-37, 4.1-39, 4.1-43). Because there would be no conflict, there would be no significant environmental effect as a result of a conflict. Likewise with internal land uses within the proposed development and as outlined in the specific plan, the proposed changes would not conflict with the following applicable guidelines, and not cause a significant environmental effect as a result: the City Community Design Guidelines, City General Plan (Community Design Goals and Policies, Community Forum Goals and Policies) and City Zoning Ordinance (allowed uses), with implementation of mitigation for noise and construction emission reductions (FEIR, pp. 4.1-35 to 4.1-38).

Also, similar to the originally proposed Project, the proposed amendments have the potential to conflict with the City General Plan (Community Form-Relationship of New Development) and the Placer County General Plan (agricultural policies) in a way that causes a significant and unavoidable impact (FEIR, pp. 4.1-39 to 4.1-43). Any conflicts with the City Zoning Ordinance discussed in the EIR under Impact 4.1-3 are not applicable here as the project site as already been zoned for development as prescribed in the original ARSP (see Resolution No. 16-271) (FEIR, pp. 4.1-42 to 4.1-43). There are no mitigation measures presented or available to reduce this impact. However, this impact would not be made substantially more severe by the proposed amendments because, as stated above, the proposed amendments do not change the overall nature of the Project and proposed development nor do they introduce any land uses that dramatically differ from those already analyzed. Further, there are no conflicts with applicable habitat conservation plan or natural community conservation plans; see “Biological Resources” above. Therefore, no substantially new or more severe significant impacts to land use and planning as a result of proposed Project modifications will occur.

Mitigation Measures: To lessen Impact 4.1-2, the following mitigation measure prescribed in the EIR are applicable to proposed Project modifications: MM 4.6-1a–d, MM 4.6-2, MM 4.4-1.

Conclusion: With implementation of applicable mitigation measures identified in the previously certified EIR and listed above, proposed Project modifications will not create any significant new or substantially more severe significant impacts to land use and planning.

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?	Not Applicable				
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?	Not Applicable				
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?	Not Applicable				
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	Impact 4.12.1-1 Impact 4.12.1-2 Impact 4.12.1-3 Impact 4.12.1-4 Impact 4.12.1-5 Impact 4.12.1-6 Impact 4.12.1-7 Impact 4.12.1-8	No	No	No	MM 4.12.1-1

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?	Not Applicable					
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	Not Applicable					
g) Comply with federal, state, and local statutes and regulations related to solid waste?	Not Applicable					
2018 CEQA Checklist Update:						
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	Question deleted; see Utilities and Service Systems question 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 of which could cause significant environmental effects?	Not Applicable					
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?	Question deleted; see updated Utilities and Service Systems question 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?	Impact 4.12.1-1 Impact 4.12.1-2 Impact 4.12.1-3 Impact 4.12.1-4 Impact 4.12.1-5 Impact 4.12.1-6 Impact 4.12.1-7 Impact 4.12.1-8	No	No	No	MM 4.12.1-1	

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?	Not Applicable
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?</u>	Not Applicable
e g) Comply with federal, state, and local <u>management and reduction</u> statutes and regulations related to solid waste?	Not Applicable
Discussion: Proposed Utilities and service systems are discussed in Section 4.12 of the EIR. Impacts to utilities and services systems as a result of Project implementation are discussed in Sections 4.12.1.4, 4.12.2.4, 4.12.3.4, 4.12.4.4, and 4.12.5.4 of the EIR, and mitigation measures to reduce these impacts are included in Sections 4.12.1.5, 4.12.2.5, 4.12.3.5, 4.12.4.5, and 4.12.5.5. The EIR addressed 25 impacts to utilities and services systems, most of which will be reduced to a less-than-significant level with mitigation. However, the EIR concluded that the Project would contribute to five significant and unavoidable impacts to utilities and services systems, one of which occurs only in the cumulative scenario. The proposed Project modifications have limited interplay with utilities and services systems, which are, therefore, by and large not applicable for analysis here. The division of parcel AR-55 that establishes separate parcels for separate utility facilities does not change the proposed location or function of these facilities. The change is in name only (as re-parceling) and is proposed to better match other comparable specific plans within the City's sphere of influence that have created separate parcels for separate Public/Quasi Public land uses. These facilities and their locations were previously analyzed in the EIR (FEIR, pp. 2-12, 2-18, 4.12.1-36 to 4.12.1-67, 4.12.2-5 to 4.12.2-10). Removal of the planned 60 kV electrical line along the Westbrook Boulevard and Road A from the ARSP will not impact utilities for the Project because that line was intended to service the planned neighboring community of Placer Ranch at a time when it was assumed that the City would annex that land and be the lead agency (FEIR, p. 4.12-5-3). However, Placer Ranch will remain in Placer County and obtain its electrical service in another manner (see Final EIR for Sunset Area Plan/Placer Ranch Specific Plan, SCH # #2016112012; specific plan adopted by Placer County Board of Supervisors on December 10, 2019 [Resolution 2019-241]). And, changes to the water transmission and drainage systems that will occur in the southeastern portion of the project site are so minor that the systems remain "largely unchanged," with water and drainage flows remaining "the same," thereby precluding environmental impacts to utilities and service systems as a result and actually lowering "water use factors and lower wastewater generation rates for the project" overall (see Utility Systems Updates Technical Memorandum, pp. 5, 10).	

The one proposed Project modification that could impact utilities and service systems is the elimination of MM 4.12.1-1 and subsequent amendment of the MMRP—the original version of which was adopted by the City on June 15, 2016 (see Resolution No. 16-271). Consequently, only water supply is substantively discussed here because the measure being eliminated purported to mitigate impacts to water supply.

Impacts to water supply as a result of Project implementation are discussed in Section 4.12.1.4 of the EIR; MM 4.12.1-1 was adopted to reduce these impacts. (See Section 4.12.1.5.) The EIR addressed eight impacts to water supply, one of which was considered potentially significant (Impact 4.12.1-1) and two of which were considered significant and unavoidable in the cumulative scenario (Impact 4.12.1-4 and Impact 4.12.1-8). MM 4.12.1-1 was included to reduce Impact 4.12.1-1 to a less-than-significant level.

MM 4.12.1-1 requires that the Applicant provide a “proportionate share of required funding to the City” for water supply, with the City entering into an agreement with Placer County Water Agency (PCWA) to secure water supply for the Project. Constraints were put on the water source in that it need be: (1) “legally available and sufficient” to meet Project demands, (2) consistent with applicable regulations, (3) subject to environmental review, (4) approved by the agency with jurisdiction over the water, and (5) funded (FEIR, p. 4.12.1-67). In lieu of this mitigation established in 2016, the Applicant shall instead pay the City water connection fees that are required pursuant to a recent update of the City Municipal Code section 14.08.025 - Water connection fees (see Ord. 6100 § 2, 2019). Section 14.08.025 calculates water connection fees based on a “dwelling unit equivalent” (DUE) wherein the fee amount depends on whether the DUE is designated Low Density Residential or High Density Residential; connection fees are adjusted annually.

To determine if an effect would be significant under CEQA, a lead agency develops or adopts thresholds of significance, either generally or on a case-by-case basis, compliance with which means the impact would be less than significant (CEQA Guidelines §§ 15064(b)(2), 15064.7(a)–(b)). Here, the City adopts its water connection fee as the threshold of significance for impacts to water supply (i.e., for “determining whether a project would have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years”) because it creates a consistent standard by which usage, preservation, and maintenance of the local raw water supply can be measured and controlled to ensure sufficient water supplies are available to serve the Project and the remainder of the City during normal and dry years while not depleting supplies (see Municipal Code § 14.08.025(a); CEQA Guidelines § 15064.7(d); FEIR, p. 4.12.1-39; see also Municipal Code § 14.09.020). Thus, compliance with section 14.08.025 ensures less-than-significant impacts to water supply. Compliance with regulatory programs, such as municipal codes, generally provide sufficient evidence under CEQA that an impact will not have an effect on the environment and therefore does not require mitigation (see *Mission Bay Alliance v. Office of Community Investment & Infrastructure* (2016) 6 Cal.App.5th 160). Here, the Applicant must pay the water connection fee before the City will issue building permits for the planned development, therefore, compliance is ensured and impacts to water supply are less than significant—i.e., Impact 4.12.1-1 is reduced to less than significant without mitigation (see Municipal Code § 14.08.025(D); FEIR, p. 4.12.1-40). Further, as stated above, proposed modifications will result in “lower water use” overall (see Utility Systems Updates Technical Memorandum, p. 5).

Mitigation Measures: Proposed Project modifications will not increase the potential for new or more severe significant impacts to utilities and service systems, specifically water supply, because payment of the City water connection fee will ensure potential impacts (Impact 4.12.1-1) remain at a less-than-significant level; therefore no previous mitigation measures apply and no new mitigation is warranted.

Conclusion: Proposed Project modifications will not create any significant new or substantially more severe significant impacts to utilities and service systems, specifically water supply; no mitigation is required.

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, 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?	See EIR Section 4.8 (Vegetation and Wildlife) See also “Biological Resources” and “Purpose and Scope of Addendum” above	No	No	No	See EIR Section 4.8 (Vegetation and Wildlife) See also “Biological Resources” and “Purpose and Scope of Addendum” above
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.)	See EIR Sections 4.1 Land Use and Agriculture), 4.8 (Vegetation and Wildlife), and 4.12.1 (Public Utilities Water) See also “Biological Resources,” “Land Use and Planning,” “Utilities and Service Systems,” and “Purpose and	No	No	No	See EIR Sections 4.1 Land Use and Agriculture), 4.8 (Vegetation and Wildlife), and 4.12.1 (Public Utilities Water) See also “Biological Resources,” “Land Use and Planning,” “Utilities and Service Systems,” and “Purpose and Scope of Addendum” above

	Scope of Addendum” above				
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	See EIR Section 4.12.1 (Public Utilities Water) See also “Utilities and Service Systems” and “Purpose and Scope of Addendum” above	No	No	No	See also “Utilities and Service Systems” and “Purpose and Scope of Addendum” above

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 an endangered, threatened or rare species, or eliminate important examples of the major periods of California history or prehistory?	See above.
--	------------

Discussion:

This section makes mandatory findings of significance only for those issue areas potentially impacted by proposed Project modifications, as described above and analyzed throughout this addendum. The previously certified EIR discloses all potential environmental impacts, their level of significance, and mitigation measures to reduce significance for the originally proposed Project; mandatory findings of significance for which can be found in Appendix B of the FEIR.

As discussed above in this addendum, no significant new or substantially more severe significant impacts would occur as a result of proposed Project modifications, and no new circumstance or information exist that would create significant impacts or require additional analysis. Therefore, there would be no additional and/or substantial adverse effect on, or additional and/or substantial degradation of, biological resources (habitat, species, and range of species) or human beings (directly or indirectly), or any new or more severe cumulatively considerable significant impacts.

Mitigation Measures: See measures listed in each issue area discussion for those applicable to proposed Project modifications.

Conclusion: With implementation of applicable mitigation measures identified in the previously certified EIR and listed above under each issue area, proposed Project modifications would create no significant new or substantially more severe significant impacts to the relevant areas within these 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 amended ARSP
- Approve the amended land use designations
- Approve the amended zoning designations
- Approve the amended large lot tentative subdivision map
- Approve the amended development agreement between City and Applicant
- Re-adopt the amended MMRP

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 AMORUSO RANCH PROJECT SPECIFIC PLAN Environmental Impact Report (SCH # 2013102057, certified on June 15, 2016), 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.

[X] Only minor technical changes or additions are necessary in order to deem the certified environmental document adequate.

Addendum Prepared by:

Gina McColl, Associate Planner
City of Roseville, Development Services--Planning Division

Attachments:

1. Amoruso Ranch Specific Plan EIR (available online at <https://www.roseville.ca.us> under Government/Departments & Divisions/Planning/Specific Plans, Planning Areas & Development Agreements/Amoruso Ranch Specific Plan)
2. Amoruso Ranch Specific Plan (Amendment - Change Pages)
3. Utility Systems Updates Technical Memorandum
4. Amended Development Agreement



Attachment to Exhibit M
TECHNICAL MEMORANDUM

To: City of Roseville

Date: January 27, 2020

Subject: Amoruso Ranch Specific Plan Amendment
Amendment to Water Conservation Plan to Accommodate Revised Land Use Plan

INTRODUCTION

The Amoruso Ranch Specific Plan (ARSP) Amendment has been prepared at the direction of Brookfield Residential Properties, Inc. (Brookfield) to meet the City of Roseville's (City) planning requirements to address proposed land use changes resulting from the State and Federal Environmental Permitting Processes. The ARSP Amendment modifies the original approved plan dated June 2016.

The ARSP Area consists of approximately 694.4-acres located in the northwest edge of the City of Roseville. The Specific Plan Area is bounded on the west by the Al Johnson Wildlife Area, to the south by the Creekview Specific Plan Area, to the east by the future proposed Placer Ranch Specific Plan Area and to the north by the existing Toad Hill Ranches #1 area/Sunset Boulevard West.

The ARSP Area provides for a mix of land uses to achieve the desired community form and objectives. These land use designations include low-, medium- and high-density residential uses; commercial and office uses; which in some cases are sited with one another and/or with residential uses; public and quasi-public uses for the schools and civic activities such as a fire station; parks and open space uses; and an urban reserve.

At buildout, as originally proposed, the ARSP Area will provide for 2,827 dwelling units, adds approximately 51 acres of commercial retail and office land uses, and provide approximately 22-acres of parks and 146-acres of open space.

With the changes in the land use plan, resulting from the environmental permitting processes, the project parameters are identical in terms of the number of units, acres of commercial, and acres of parks. However, the acres of open space have increased from approximately 146-acres to approximately 155-acres with a corresponding reduction in residential land use acreage.

As part of the original Specific Plan, the "*Brookfield Residential, Amoruso Ranch Specific Plan Area, Water Conservation Plan*", dated April 2016, was prepared by Kimley-Horn and Associates. While the number of units proposed for the Specific Plan Area has not changed, the density of some of the units has been modified, which affects the calculations presented in the referenced Water Conservation Plan. This Technical Memorandum amends the referenced Water Conservation Plan to accommodate the changes in the land use plan.

TECHNICAL MEMORANDUM

Amoruso Ranch Specific Plan Amendment – Amendment to the Water Conservation Plan
January 27, 2020 - Page 2 of 14

LAND USE PLAN UPDATE

As noted in the Introduction, the major change in the Land Use Plan occurs with the expansion of the open space and the coinciding reduction in the developable acres. The change represents approximately 9- acres that will be added to the open space, transitioning from developable land use. Figure TM-1 depicts the existing approved Land Use Plan that was adopted as part of the Amoruso Ranch Specific Plan in June 2016 by the City of Roseville. It depicts the area that was modified through the environmental permitting processes. The proposed and modified Land Use Plan is shown on Figure TM-2.

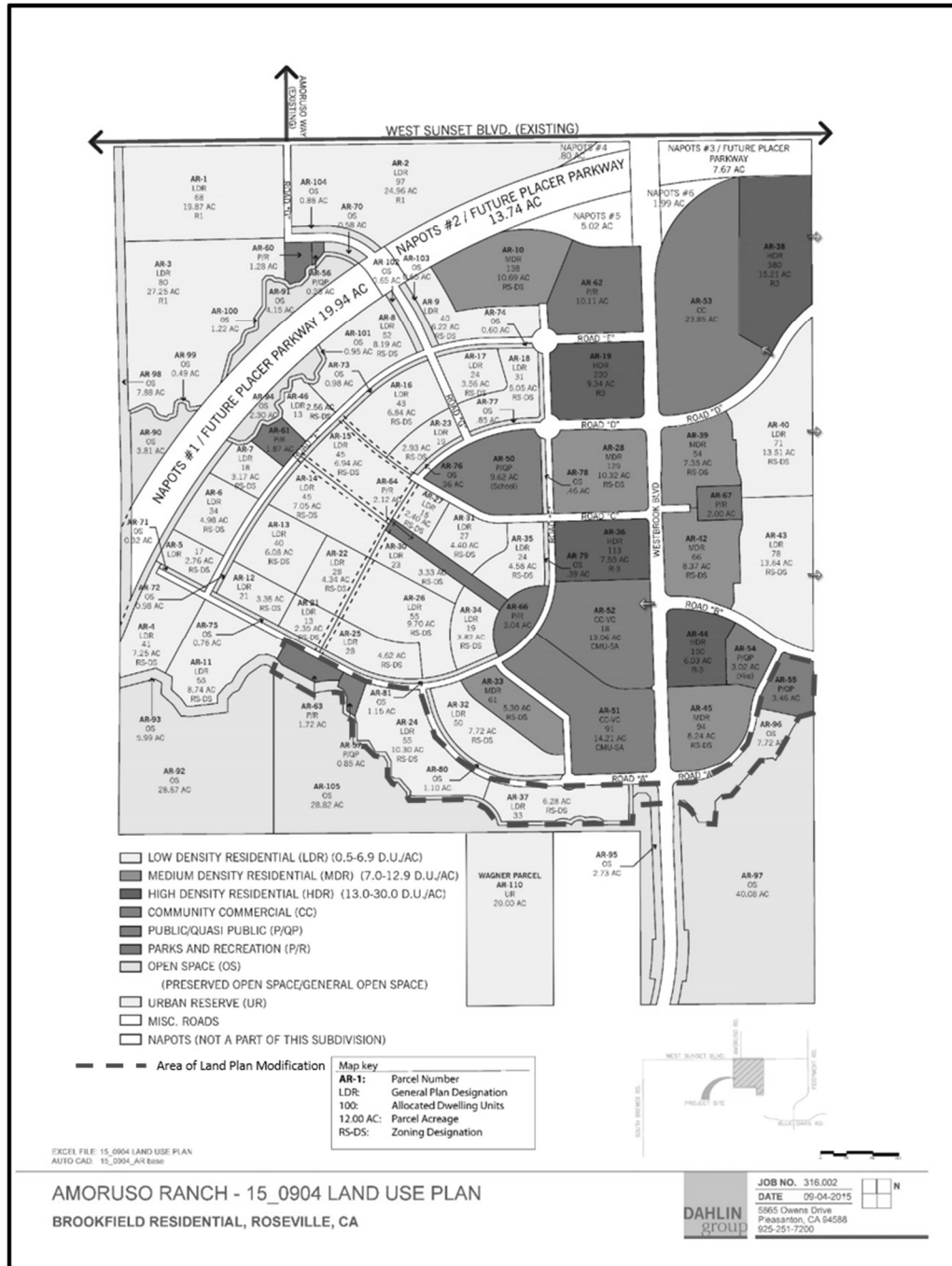


Figure TM-1 – 2016 Approved Land Use Plan

TECHNICAL MEMORANDUM

Amoruso Ranch Specific Plan Amendment – Amendment to the Water Conservation Plan

January 27, 2020 - Page 3 of 14

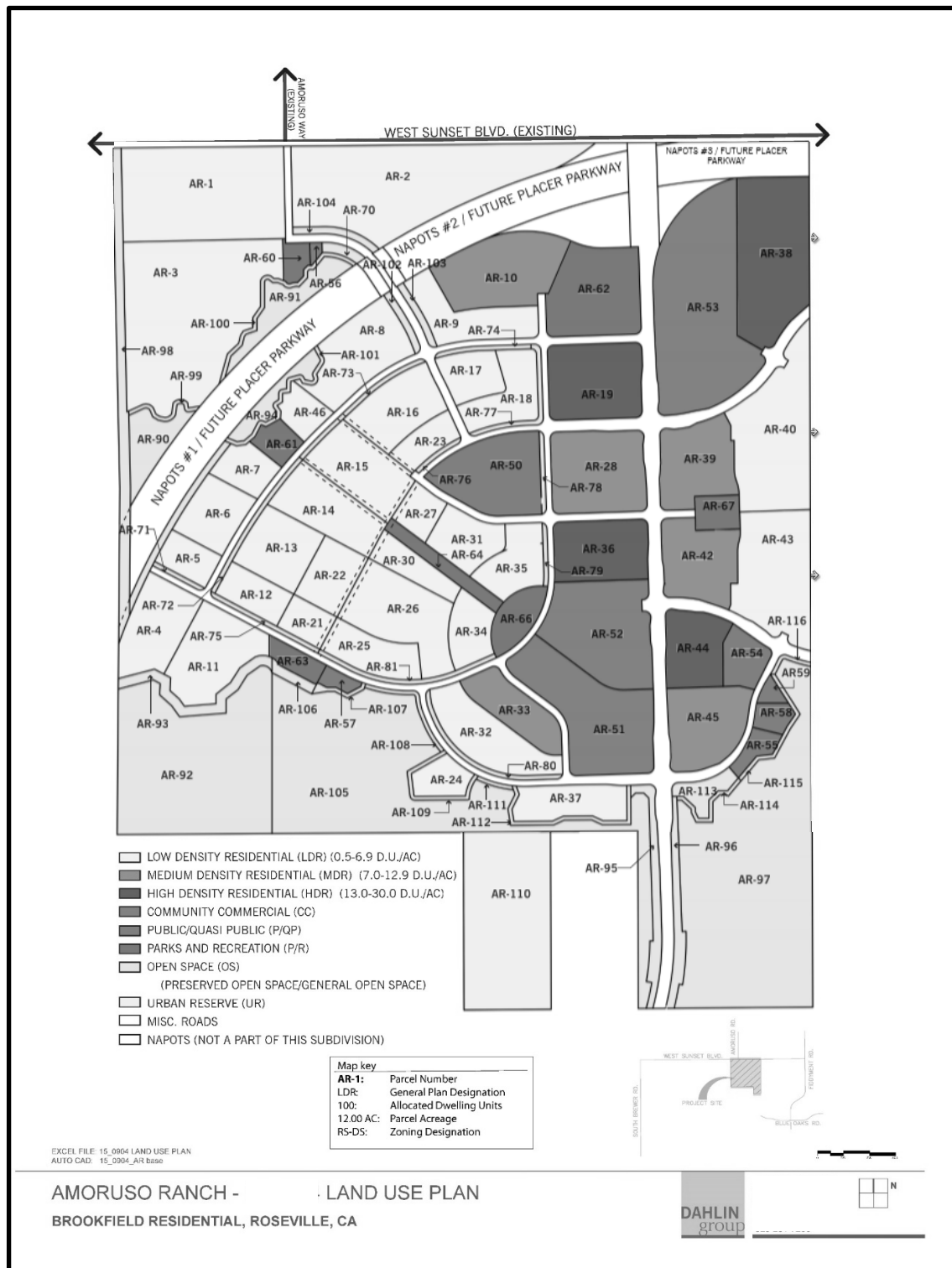


Figure TM-2 – 2019 Proposed and Modified Land Use Plan

The required modifications in the Land Use Plan occur along the southern edge of development, both to the east and west of Westbrook Boulevard, in locations where the development abuts the open space. The changes are depicted on Figure TM-2.

While the land plan has a reduced number of developable acres, the total unit count has remained the same, with the displaced units reallocated to an existing developable parcel that can support the units, while conforming to the density ranges for the given product types.

Table TM-1 is a comparison of the unit allocation changes throughout the plan area.

Table TM-1
Unit Allocation Comparison

Parcel	Land Use	Acres			Units		
		2016	2019	Net Change	2016	2019	Net Change
AR-24	LDR	10.3	2.5	<7.8>	55	13	<42>
AR-37	LDR	6.28	5.05	<1.23>	33	25	<8>
AR-52	CC-VC	13.06	13.06	0	18	68	50
TOTAL				<9.03>			0

As noted in Table TM-1, the reallocated units are all located in the Community Commercial/Village Center (AR-52). This places the units very close to their original location. This also modifies the units from LDR to be CC/VC where the use factors for these units are consistent with HDR. This is important as it results in lower water use factors and lower wastewater generation rates.

The location of the affected land use parcels is shown on Figure TM-3 and indicated with a “blue circle”.



Figure TM-3 – Affected Land Use Parcels (Unit Transfer) (2019 Land Plan)

WATER CONSERVATION PLAN

As noted above, the calculations related to water conservation for the development change as a result in the shift in density of some of the units. Provided below are the revised Water Conservation Plan Tables that have been updated based on the new land plan.

Water Conservation Plan Table 2 - Amended**Amoruso Ranch Specific Plan Amendment
Water Use Estimation – LDR, MDR and HDR**

Land Use Category Density	Number of Units	Average Day Demand (GPD/DU)	Total Average Day Demand (GPD)	Total Average Day Demand (AFY)	Total Average Day Demand with 2% (AFY) ¹
LDR1: < 3.5 DU / Acre	148	728	107,744	120.7	123.1
LDR2: > 3.5 to 5 DU / Acre	116	600	69,600	78.0	79.5
LMDR1: > 5 to 6 DU / Acre	351	521	182,871	204.8	208.9
LMDR2: > 6 to 8 DU / Acre	757	430	325,510	364.6	371.9
MDR: > 8 to 12 DU / Acre	155	323	50,065	56.1	57.2
HDR1: > 12 to 16 DU / Acre	380	288	109,440	122.6	125.0
HDR2: > 16 DU / Acre	760	177	134,520	150.7	153.7
Community Commercial - Village Center – Residential	159	288	45,792	51.3	52.3
Urban Reserve	1	728	728	0.8	0.8
Total	2,827	-	1,037,920	1,162.60	1,185.90

¹ Demand accounts for 2% system losses.

Water Conservation Plan Table 3 - Amended**Amoruso Ranch Specific Plan
Water Use Factors and Demands**

Land Use	Land Use Abbreviation/ Zoning	Total Area (Acres)	Dwelling Unit Count	Water Use Factor	Daily Demand (GPD)	Annual Demand (AFY)	Annual Demand with 2% (AFY) ²
Low Density Residential	LDR	239.34	1,252	Varies	634,125	710.3	724.5
Medium Density Residential	MDR	50.27	542	Varies	178,561	200.0	204.0
High Density Residential	HDR	38.13	873	Varies	167,064	187.1	190.9
Community Commercial - Village Center - Residential	CMU-SA (Commercial Mixed-Use - Special Area)	Included On Next Line	159	288	45,792	51.3	52.3
Community Commercial - Village Center – Non-Residential	CMU-SA (Commercial Mixed-Use - Special Area)	27.27	-	2,598	70,847	79.4	80.9
Community Commercial	CC (Community Commercial)	23.85	-	2,598	61,962	69.4	70.8
Open Space (Paseos)	OS	10.74	-	2,988	32,091	35.9	36.7
Open Space (General)	OS	37.24	-	0	0	0.0	0.0
Open Space (Preserve)	OS	106.97	-	0	0	0.0	0.0
Parks & Recreation	PR	22.14	-	2,988	66,154	74.1	75.6
Public / Quasi Public (school)	P/QP (School)	9.62	-	3,454	33,227	37.2	38.0
Public / Quasi Public (Fire Station & Utility Site)	P/QP	7.61	-	1,780	13,546	15.2	15.5
Urban Reserve	UR	20	1	728	728	0.8	0.8
Rights-of-Way	ROW	52.06	-	0	0	0.0	0.0
Not a Part of This Subdivision	NAPOTS	49.16	-	0	0	0.0	0.0
Total		694.4	2,827	-	1,304,098	1,460.78	1,489.99

² Demand accounts for 2% system losses.

Water Conservation Plan Table 4 - Amended

**Amoruso Ranch Specific Plan
Single Family Residential Water Usage**

Residential Use	Percentage of Total ³
Landscaping	51%
Toilets	13%
Faucets, Cooking, Cleaning	10%
Showers	9%
Clothes Washing	8%
Bath	6%
Toilet Leaks	2%
Dishwasher	1%

³ Percentage of total water use was derived from information obtained from the City of Roseville Frequently Asked Questions (FAQ) on the subject of water conservation.

Water Conservation Plan Table 5 - Amended**Amoruso Ranch Specific Plan
Residential Irrigation Water Demands**

Land Use	Annual Demand (AFY)	Annual Demand Front Yard (AFY)	Annual Demand Backyard (AFY)	Annual Total Irrigation Demand (AFY)
Low Density Residential	710.3	144.90	217.35	362.25
Medium Density Residential	200.0	40.80	61.20	102.00
High Density Residential ⁴	187.1	N/A	N/A	37.42
Urban Reserve	0.8	0.16	0.24	0.40
Total	1098.2	185.86	278.79	502.07

⁴ Demand for HDR parcels was calculated differently from LDR and MDR parcels, as described above. Demand for HDR parcels was not separated into front yard and backyard demand since traditional front and back yards are not present on HDR parcels.

Water Conservation Plan Table 7 - Amended

**Amoruso Ranch Specific Plan
Front Yard Irrigated Area Water Efficiencies**

Land Use	Annual Demand Front Yard (AFY) ⁵	New Front Yard Demand (AFY)	Annual Demand Savings (AFY)	Annual Demand Savings (%)	Water System Savings
Residential Properties LDR and MDR	185.70	134.8	50.90	30.0%	Potable
HDR	37.42	27.16	10.26	27.4%	Recycled
Total	223.12	161.96	61.16	27.4%	

⁵ Front yard demand from Table 5. HDR is total since there is not a distinction between front and back yards.

Water Conservation Plan Table 8 - Amended**Amoruso Ranch Specific Plan
Non-Residential Irrigated Area Water Efficiencies**

Land Use	Annual Water Demand (AFY)⁶	Annual Irrigation Demand (AFY)	Base Turf Area	New Turf Area	Low Water Use Area	New Irrigation Demand (AFY)	Annual Demand Savings (AFY)	Annual Demand Savings (%)	Water System Savings
Park	4.3	4.21	80%	60%	20%	3.48	0.73	17.3%	Potable
Parks	69.8	68.40	80%	60%	20%	56.43	11.97	17.5%	Recycled
Paseos	4.8	4.80	80%	60%	20%	3.96	0.84	17.5%	Potable
Paseos	31.0	31.00	80%	60%	20%	25.58	5.42	17.5%	Recycled
Total	109.9	108.41				89.45	18.96	17.5%	

⁶Annual water demand derived from Table 3.

Water Conservation Plan Table 9 - Amended**Amoruso Ranch Specific Plan
Smart Irrigation Controller Water Efficiencies**

Land Use	Annual Irrigation Demand (AFY)	New Irrigation Demand w/Controller (AFY)	Annual Demand Savings (AFY)	Annual Demand Savings (%)	Water System Savings
Residential Properties (Front) ⁷	134.80	107.84	26.96	20%	Potable
Residential Properties (Back) ⁸	278.79	223.03	55.76	20%	Potable
Residential Properties (HDR) ⁹	27.16	21.73	5.43	20%	Recycled
Parks ¹⁰	3.48	2.78	0.7	20%	Potable
Parks ¹¹	56.43	45.14	11.29	20%	Recycled
Paseos ¹²	3.96	3.17	0.79	20%	Potable
Paseos ¹³	25.58	20.46	5.12	20%	Recycled
Total	530.20	424.15	106.05	20%	

⁷ Annual irrigation demand derived from Table 7.⁸ Annual irrigation demand derived from Table 5.⁹ Annual irrigation demand derived from Table 7.¹⁰ Annual irrigation demand derived from Table 8.¹¹ Annual irrigation demand derived from Table 8.¹² Annual irrigation demand derived from Table 8.¹³ Annual irrigation demand derived from Table 8.

Water Conservation Plan Table 10 - Amended

**Amoruso Ranch Specific Plan
Recirculating Hot Water System Water Efficiencies**

Land Use	Dwelling Unit Count	Savings per Dwelling Unit (Gal)	Annual Demand Savings (AFY)	Annual Demand Savings (%)	Water System Savings
Residential Units	2,827	7.5	23.75	1.6%	Potable

Water Conservation Plan Table 11 - Amended**Amoruso Ranch Specific Plan
Summary of Water Efficiencies**

Water Conservation Opportunity	Total Water Demand (AFY)	Potable Water Savings (AFY)	Recycled Water Savings (AFY)	Annual Demand Savings (AFY)	Annual Demand Savings (%)
Residential Properties Irrigation – Front ¹⁴	1,460.78	50.90	10.26	61.16	4.2%
Non-Residential (Parks, ROW, School) ¹⁵		1.57	17.39	18.96	1.3%
Smart Irrigation Controllers ¹⁶		84.21	21.84	106.05	7.3%
Recirculating Hot Water System ¹⁷		23.75	0	23.75	1.6%
Total		160.43	49.49	209.92	14.4%

¹⁴ Annual demand savings derived from Table 7.¹⁵ Annual demand savings derived from Table 8.¹⁶ Annual demand savings derived from Table 9.¹⁷ Annual demand savings derived from Table 10.

PROJECT NOTES

RECORD OWNER
JENNIFER M. AMORUSO, SUCCESSOR TRUSTEE
AMORUSO FAMILY LIVING TRUST
PO BOX 640
PLYMOUTH, CA 95669

APPLICANT
BROOKFIELD RESIDENTIAL
2271 LAVA RIDGE CT, SUITE 220
ROSEVILLE, CA 95661
CONTACT: JOHN NORMAN
PHONE: (916) 783-1177

ENGINEER/PLANNER
WOOD RODGERS INC.
3301 C STREET, BLDG. 100B
SACRAMENTO, CA 95816
CONTACT: PAUL KLEIN, PE #48367
STAN METTE
PHONE: (916) 341-7760

ASSESSOR'S PARCEL NUMBERS
017-020-032, 033, 017-101-011

AREA
674.4 ± ACRES

NUMBER OF PARCELS
190 (101 LARGE LOT PARCELS)

EXISTING USE
VACANT

PROPOSED USE
FUTURE PLANNED DEVELOPMENT

EXISTING ZONING
F-B-X

PROPOSED ZONING
SEE LAND USE SUMMARY BELOW

PARK DISTRICT
CITY OF ROSEVILLE

FIRE PROTECTION
CITY OF ROSEVILLE

SCHOOL DISTRICT
ROSEVILLE CITY SCHOOL DISTRICT
ROSEVILLE JOINT UNION HIGH SCHOOL DISTRICT

SEWER
CITY OF ROSEVILLE

STORM DRAIN
CITY OF ROSEVILLE

WATER
CITY OF ROSEVILLE

ELECTRICITY
CITY OF ROSEVILLE

GAS
PG&E

NOTE:

1) SUBDIVIDERS RESERVES THE RIGHT TO FILE MULTIPLE FINAL MAPS PURSUANT TO SECTION 66456.1 OF THE SUBDIVISION MAP ACT.

2) A TO P.U.E. SHALL BE LOCATED ADJACENT TO ALL PUBLIC STREETS UNLESS OTHERWISE SHOWN ON THIS EXHIBIT.

3) MASTER PARCEL NUMBERING IS FOR IDENTIFICATION PURPOSES ONLY AND DOES NOT INDICATE PHASING ORDER OF DEVELOPMENT.

4) ALL EXISTING STRUCTURES TO BE REMOVED AND ALL EXISTING WELLS TO BE ABANDONED.

5) EXISTING TOPOGRAPHY PROVIDED BY OTHERS

6) THIS IS AN APPLICATION FOR A DEVELOPMENT PERMIT.

7) THIS EXHIBIT IS FOR TENTATIVE MAP PURPOSES ONLY. ALL SITE CHARACTERISTICS ARE TO BE VERIFIED PRIOR TO FINAL MAP.

8) PURSUANT TO SECTION 66499.20.2 OF THE SUBDIVISION MAP ACT, THE LAND SHOWN HEREON IS HEREBY TO BE MERGED AND RE-SUBDIVIDED.

9) MASTER PARCEL LINES SHOWN HEREON ARE SUBJECT TO CHANGE AS ACCESS, PUBLIC UTILITIES AND/OR PHASING REQUIREMENTS DICTATE.

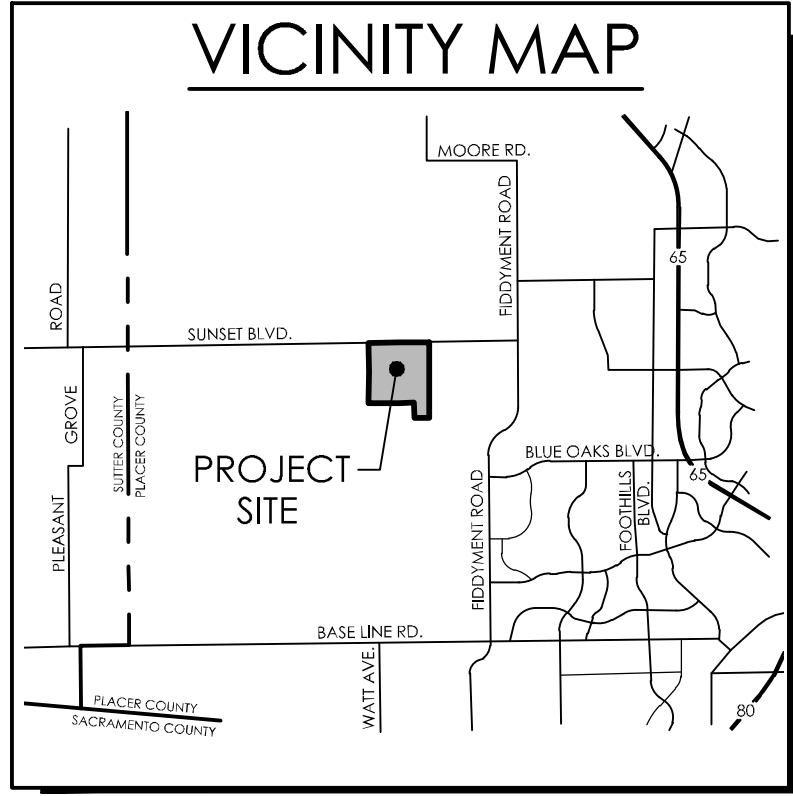
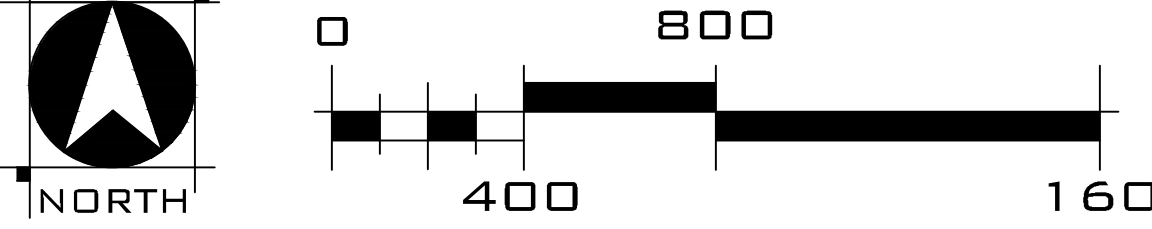
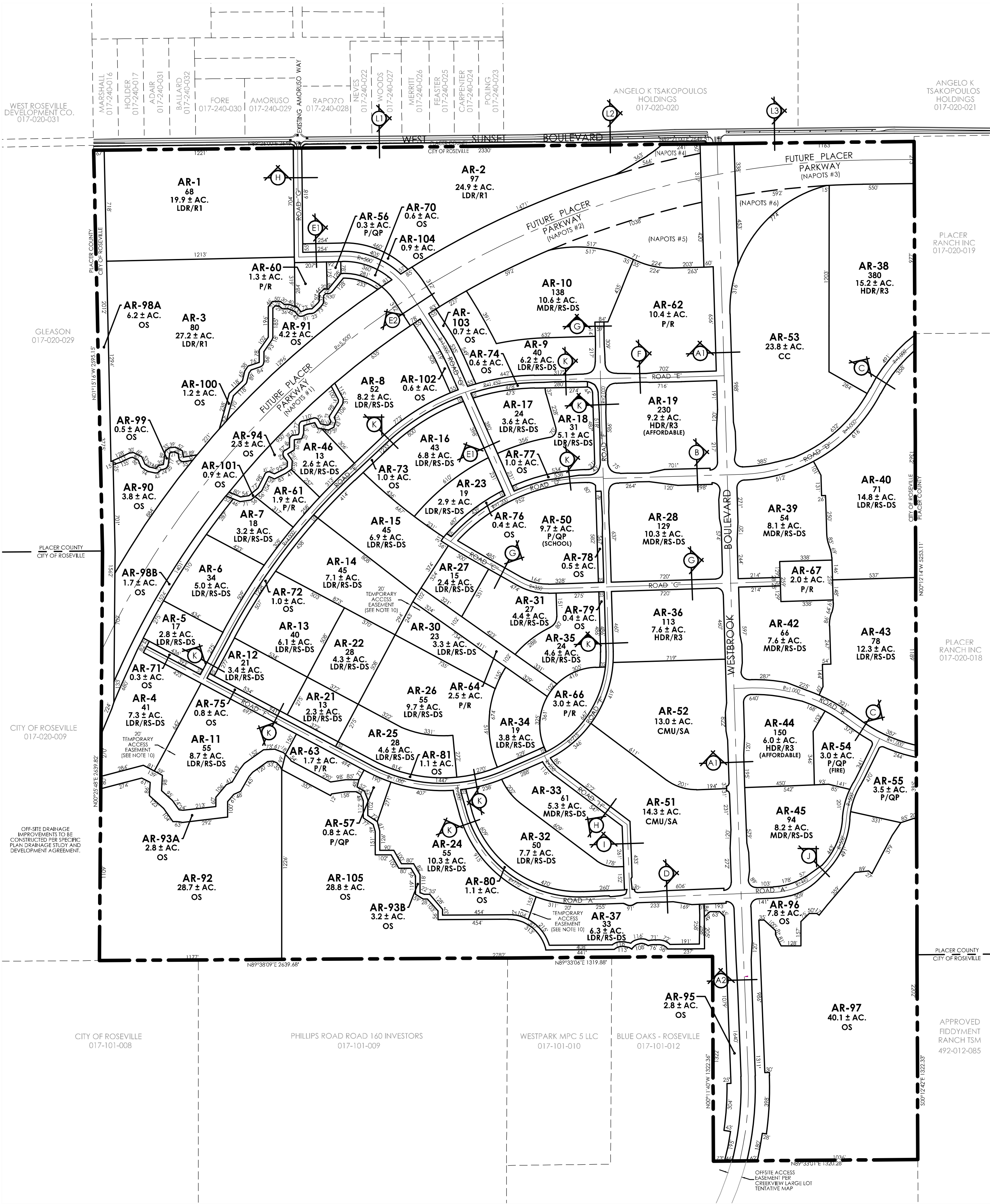
10) TEMPORARY ACCESS EASEMENTS TO BE ABANDONED & RE-LOCATED ON SUBSEQUENT SMALL LOT TENTATIVE MAPS.

11) FUTURE PUBLIC LANDS, INCLUDING THE WELL SITE, SEWER LIFT STATION, FIRE STATION, OPEN SPACE DRAINAGE CHANNELS, PARKS AND THE FUTURE PLACER PARKWAY ALIGNMENT TO BE DEDICATED TO THE CITY AS AN IRREVOCABLE OFFER OF DEDICATION (IOD). SCHOOL SITE IS EXCLUDED.

12) OFF-SITE DRAINAGE IMPROVEMENTS TO BE CONSTRUCTED PER SPECIFIC PLAN DRAINAGE STUDY AND DEVELOPMENT AGREEMENT.

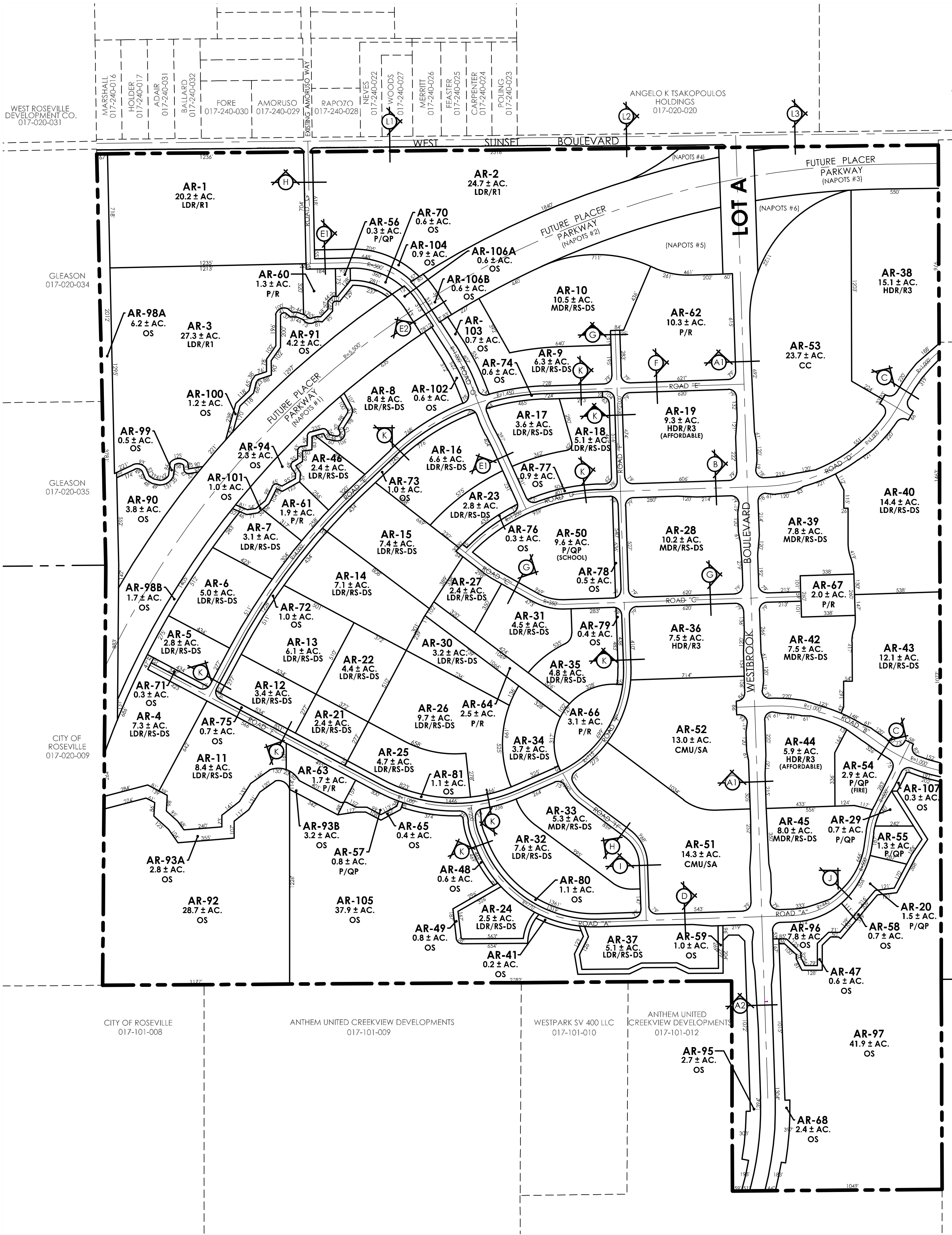
13) PURSUANT TO SECTION 66499.20.2 OF THE SUBDIVISION MAP ACT, ALL THAT IRREVOCABLE OFFER OF DEDICATION FOR RIGHT-OF-WAY AND PUBLIC UTILITY EASEMENTS PER BOOK EE OF MAPS, PAGE 51 ARE TO BE ABANDONED.

APPROVED TENTATIVE MAP



LAND USE SUMMARY				
LOT NO.	GENERAL PLAN DESIGNATION	ZONING	LAND USE DESCRIPTION	GROSS ACRE
AR-1	LDR	R1	LOW DENSITY RESIDENTIAL	19.9
AR-2	LDR	R1	LOW DENSITY RESIDENTIAL	24.7
AR-3	LDR	R1	LOW DENSITY RESIDENTIAL	27.2
AR-4	LDR	RS/D5	LOW DENSITY RESIDENTIAL	7.3
AR-5	LDR	RS/D5	LOW DENSITY RESIDENTIAL	2.8
AR-6	LDR	RS/D5	LOW DENSITY RESIDENTIAL	5.0
AR-7	LDR	RS/D5	LOW DENSITY RESIDENTIAL	3.2
AR-8	LDR	RS/D5	LOW DENSITY RESIDENTIAL	2.8
AR-9	LDR	RS/D5	LOW DENSITY RESIDENTIAL	6.2
AR-10	LDR	RS/D5	LOW DENSITY RESIDENTIAL	8.2
AR-11	LDR	RS/D5	LOW DENSITY RESIDENTIAL	6.7
AR-12	LDR	RS/D5	LOW DENSITY RESIDENTIAL	3.4
AR-13	LDR	RS/D5	LOW DENSITY RESIDENTIAL	6.1
AR-14	LDR	RS/D5	LOW DENSITY RESIDENTIAL	7.1
AR-15	LDR	RS/D5	LOW DENSITY RESIDENTIAL	6.9
AR-16	LDR	RS/D5	LOW DENSITY RESIDENTIAL	4.8
AR-17	LDR	RS/D5	LOW DENSITY RESIDENTIAL	3.6
AR-18	LDR	RS/D5	LOW DENSITY RESIDENTIAL	5.1
AR-19	LDR	RS/D5	LOW DENSITY RESIDENTIAL	2.3
AR-20	LDR	RS/D5	LOW DENSITY RESIDENTIAL	3.3
AR-21	LDR	RS/D5	LOW DENSITY RESIDENTIAL	2.9
AR-22	LDR	RS/D5	LOW DENSITY RESIDENTIAL	10.3
AR-23	LDR	RS/D5	LOW DENSITY RESIDENTIAL	4.6
AR-24	LDR	RS/D5	LOW DENSITY RESIDENTIAL	2.4
AR-25	LDR	RS/D5	LOW DENSITY RESIDENTIAL	3.3
AR-26	LDR	RS/D5	LOW DENSITY RESIDENTIAL	4.4
AR-27	LDR	RS/D5	LOW DENSITY RESIDENTIAL	7.7
AR-28	LDR	RS/D5	LOW DENSITY RESIDENTIAL	3.8
AR-29	LDR	RS/D5	LOW DENSITY RESIDENTIAL	4.4
AR-30	LDR	RS/D5	LOW DENSITY RESIDENTIAL	6.3
AR-31	LDR	RS/D5	LOW DENSITY RESIDENTIAL	1.8
AR-32	LDR	RS/D5	LOW DENSITY RESIDENTIAL	12.3
AR-33	LDR	RS/D5	LOW DENSITY RESIDENTIAL	2.6
SUBTOTAL				246.7
AR-34	MDR	RS/D5	MEDIUM DENSITY RESIDENTIAL	10.3
AR-35	MDR	RS/D5	MEDIUM DENSITY RESIDENTIAL	10.3
AR-36	MDR	RS/D5	MEDIUM DENSITY RESIDENTIAL	5.3
AR-37	MDR	RS/D5	MEDIUM DENSITY RESIDENTIAL	6.1
AR-38	MDR	RS/D5	MEDIUM DENSITY RESIDENTIAL	7.6
AR-39	MDR	RS/D5	MEDIUM DENSITY RESIDENTIAL	7.1
SUBTOTAL				50.1
AR-40	HDR	R3	HIGH DENSITY RESIDENTIAL	9.3
AR-41	HDR	R3	HIGH DENSITY RESIDENTIAL	7.6
AR-42	HDR	R3	HIGH DENSITY RESIDENTIAL	15.1
AR-43	HDR	R3	HIGH DENSITY RESIDENTIAL	5.9
SUBTOTAL				37.8
AR-44	P/QP	P/QP	PUBLIC QUASI-PUBLIC	1.5
AR-45	P/QP	P/QP	PUBLIC QUASI-PUBLIC	0.7
AR-46	P/QP	P/QP	PUBLIC QUASI-PUBLIC	9.6
AR-47	P/QP	P/QP	PUBLIC QUASI-PUBLIC	2.9
AR-48	P/QP	P/QP	PUBLIC QUASI-PUBLIC	1.3
AR-49	P/QP	P/QP	PUBLIC QUASI-PUBLIC	0.3
AR-50	P/QP	P/QP	PUBLIC QUASI-PUBLIC	0.8
SUBTOTAL				17.1
AR-51	CCVC	CMU/SA	COMMUNITY COMMERCIAL	14.3
AR-52	CCVC	CMU/SA	COMMUNITY COMMERCIAL	13.0
AR-53	CCVC	CC	COMMUNITY COMMERCIAL	29.2
SUBTOTAL				51.0
AR-54	P/R	P/R	PARKS & RECREATION	1.3
AR-55	P/R	P/R	PARKS & RECREATION	1.9
AR-56	P/R	P/R	PARKS & RECREATION	10.3
AR-57	P/R	P/R	PARKS & RECREATION	1.7
AR-58	P/R	P/R	PARKS & RECREATION	2.5
AR-59	P/R	P/R	PARKS & RECREATION	3.1
AR-60	P/R	P/R	PARKS & RECREATION	2.0
SUBTOTAL				22.8
AR-61	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	0.6
AR-62	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	0.3
AR-63	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.0
AR-64	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	0.6
AR-65	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	0.8
AR-66	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.0
AR-67	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.0
AR-68	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.0
AR-69	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-70	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	3.8
AR-71	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	4.2
AR-72	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	2.8
AR-73	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	3.2
AR-74	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	2.3
AR-75	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	3.2
AR-76	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	2.3
AR-77	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	0.6
AR-78	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-79	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-80	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-81	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-82	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-83	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-84	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-85	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-86	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-87	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-88	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-89	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-90	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-91	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-92	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-93	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-94	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-95	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-96	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-97	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-98	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-99	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-100	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-101	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-102	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-103	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-104	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-105	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
SUBTOTAL				146.0
SUBTOTAL				51.1
SUBTOTAL				49.2
TOTAL				674.4

MODIFICATION MAP



LAND USE SUMMARY				
LOT NO.	GENERAL PLAN DESIGNATION	ZONING	LAND USE DESCRIPTION	GROSS ACRE
AR-1	LDR	R1	LOW DENSITY RESIDENTIAL	20.2
AR-2	LDR	R1	LOW DENSITY RESIDENTIAL	24.7
AR-3	LDR	R1	LOW DENSITY RESIDENTIAL	27.3
AR-4	LDR	RS/D5	LOW DENSITY RESIDENTIAL	7.3
AR-5	LDR	RS/D5	LOW DENSITY RESIDENTIAL	2.8
AR-6	LDR	RS/D5	LOW DENSITY RESIDENTIAL	5.0
AR-7	LDR	RS/D5	LOW DENSITY RESIDENTIAL	3.1
AR-8	LDR	RS/D5	LOW DENSITY RESIDENTIAL	8.4
AR-9	LDR	RS/D5	LOW DENSITY RESIDENTIAL	6.3
AR-10	LDR	RS/D5	LOW DENSITY RESIDENTIAL	8.4
AR-11	LDR	RS/D5	LOW DENSITY RESIDENTIAL	3.4
AR-12	LDR	RS/D5	LOW DENSITY RESIDENTIAL	6.1
AR-13	LDR	RS/D5	LOW DENSITY RESIDENTIAL	7.1
AR-14	LDR	RS/D5	LOW DENSITY RESIDENTIAL	7.4
AR-15	LDR	RS/D5	LOW DENSITY RESIDENTIAL	6.6
AR-16	LDR	RS/D5	LOW DENSITY RESIDENTIAL	3.6
AR-17	LDR	RS/D5	LOW DENSITY RESIDENTIAL	2.4
AR-18	LDR	RS/D5	LOW DENSITY RESIDENTIAL	5.1
AR-19	LDR	RS/D5	LOW DENSITY RESIDENTIAL	2.4
AR-20	LDR	RS/D5	LOW DENSITY RESIDENTIAL	10.2
AR-21	LDR	RS/D5	LOW DENSITY RESIDENTIAL	4.6
AR-22	LDR	RS/D5	LOW DENSITY RESIDENTIAL	2.8
AR-23	LDR	RS/D5	LOW DENSITY RESIDENTIAL	4.4
AR-24	LDR	RS/D5	LOW DENSITY RESIDENTIAL	2.4
AR-25	LDR	RS/D5	LOW DENSITY RESIDENTIAL	9.7
AR-26	LDR	RS/D5	LOW DENSITY RESIDENTIAL	3.2
AR-27	LDR	RS/D5	LOW DENSITY RESIDENTIAL	4.5
AR-28	LDR	RS/D5	LOW DENSITY RESIDENTIAL	7.6
AR-29	LDR	RS/D5	LOW DENSITY RESIDENTIAL	3.7
AR-30	LDR	RS/D5	LOW DENSITY RESIDENTIAL	3.8
AR-31	LDR	RS/D5	LOW DENSITY RESIDENTIAL	5.1
AR-32	LDR	RS/D5	LOW DENSITY RESIDENTIAL	14.4
AR-33	LDR	RS/D5	LOW DENSITY RESIDENTIAL	12.1
AR-34	LDR	RS/D5	LOW DENSITY RESIDENTIAL	2.4
SUBTOTAL				239.3
AR-35	MDR	RS/D5	MEDIUM DENSITY RESIDENTIAL	10.5
AR-36	MDR	RS/D5	MEDIUM DENSITY RESIDENTIAL	10.2
AR-37	MDR	RS/D5	MEDIUM DENSITY RESIDENTIAL	5.3
AR-38	MDR	RS/D5	MEDIUM DENSITY RESIDENTIAL	7.8
AR-39	MDR	RS/D5	MEDIUM DENSITY RESIDENTIAL	7.5
AR-40	MDR	RS/D5	MEDIUM DENSITY RESIDENTIAL	8.0
SUBTOTAL				61.3
AR-41	HDR	R3	HIGH DENSITY RESIDENTIAL	9.3
AR-42	HDR	R3	HIGH DENSITY RESIDENTIAL	7.5
AR-43	HDR	R3	HIGH DENSITY RESIDENTIAL	15.1
AR-44	HDR	R3	HIGH DENSITY RESIDENTIAL	5.9
SUBTOTAL				37.8
AR-45	P/QP	P/QP	PUBLIC QUASI-PUBLIC	1.5
AR-46	P/QP	P/QP	PUBLIC QUASI-PUBLIC	0.7
AR-47	P/QP	P/QP	PUBLIC QUASI-PUBLIC	9.6
AR-48	P/QP	P/QP	PUBLIC QUASI-PUBLIC	2.9
AR-49	P/QP	P/QP	PUBLIC QUASI-PUBLIC	1.3
AR-50	P/QP	P/QP	PUBLIC QUASI-PUBLIC	0.3
AR-51	P/QP	P/QP	PUBLIC QUASI-PUBLIC	0.8
SUBTOTAL				17.1
AR-52	CCVC	CMU/SA	COMMUNITY COMMERCIAL	14.3
AR-53	CCVC	CMU/SA	COMMUNITY COMMERCIAL	13.0
AR-54	CCVC	CC	COMMUNITY COMMERCIAL	29.2
SUBTOTAL				51.0
AR-55	P/R	P/R	PARKS & RECREATION	1.3
AR-56	P/R	P/R	PARKS & RECREATION	1.9
AR-57	P/R	P/R	PARKS & RECREATION	10.3
AR-58	P/R	P/R	PARKS & RECREATION	1.7
AR-59	P/R	P/R	PARKS & RECREATION	2.5
AR-60	P/R	P/R	PARKS & RECREATION	3.1
AR-61	P/R	P/R	PARKS & RECREATION	2.0
SUBTOTAL				22.8
AR-62	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	0.2
AR-63	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	0.6
AR-64	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	0.6
AR-65	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	0.8
AR-66	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	0.7
AR-67	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.0
AR-68	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.0
AR-69	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.0
AR-70	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.0
AR-71	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	0.4
AR-72	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	2.4
AR-73	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	0.6
AR-74	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	0.3
AR-75	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.0
AR-76	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.6
AR-77	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	0.7
AR-78	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	0.3
AR-79	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	0.9
AR-80	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	0.5
AR-81	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-82	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-83	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-84	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-85	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-86	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-87	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-88	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-89	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-90	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-91	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-92	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-93	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-94	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-95	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-96	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-97	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-98	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-99	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-100	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-101	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-102	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-103	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-104	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
AR-105	OS	OS	OPEN SPACE/PRESERVED OPEN SPACE	1.1
SUBTOTAL				146.3
SUBTOTAL				51.5
SUBTOTAL				49.3
TOTAL				674.4

CHAPTER 7	CIRCULATION PLAN	
	7.1 Overview.....	7-1
	7.2 Roadways.....	7-2
	7.3 Additional Street Design Standards.....	7-32
	7.4 Intersection Corner Clips.....	7-33
	7.5 On-Street Parking.....	7-34
	7.6 Pedestrian Pathways, Bikeways, & Trails.....	7-34
	7.7 Traffic Calming.....	7-37
	7.8 Public Transit.....	7-38
	7.9 Transportation System Management.....	7-40
	7.10 Vehicle Trip Reduction.....	7-40
CHAPTER 8	PUBLIC SERVICES	
	8.1 Public Facilities.....	8-1
	8.2 Fire and Emergency Services.....	8-2
	8.3 Schools.....	8-3
	8.4 Library.....	8-3
	8.5 Parks & Recreation.....	8-3
CHAPTER 9	UTILITIES PLAN	
	9.1 Potable Water.....	9-2
	9.2 Recycled Water.....	9-5
	9.3 Wastewater / Sanitary Sewer.....	9-5
	9.4 Drainage & Flood Control.....	9-8
	9.5 Stormwater Quality.....	9-11
	9.6 Dry Utilities.....	9-13
	9.7 Solid Waste.....	9-16
CHAPTER 10	IMPLEMENTATION & ADMINISTRATION	
	10.1 Overview.....	10-1
	10.2 Specific Plan Related Documents.....	10-2
	10.3 Phasing Plan for Public Facilities.....	10-3
	10.4 Financing of Public Improvements.....	10-5
	10.5 Subsequent Entitlements and Approvals.....	10-6
	10.6 Amendments and Minor Modifications.....	10-7
	10.7 Minor Residential Unit Transfers.....	10-8
APPENDIX A	DEVELOPMENT STANDARDS	
	A.1 Standards Overview.....	A-1
	A.2 RS Development Standards.....	A-1
	A.3 Village District Special Area.....	A-6
APPENDIX B	DESIGN GUIDELINES	
	B.1 Purpose and Intent.....	B-1
	B.2 Relationship to Other City Documents.....	B-21
	B.3 Community Form.....	B-2
	B.4 Architectural Character.....	B-5
	B.5 Residential Design Guidelines.....	B-5
	B.6 Commercial Mixed Use (CMU) District – Village District.....	B-12
	B.7 Community Commercial.....	B-17
	B.8 Signage Design Guidelines.....	B-18
	B.9 Public Facilities and Office Uses.....	B-20
	B.10 Lighting.....	B-21
	B.11 Parking.....	B-22
	B.12 Relationship to the Community Design Guidelines.....	B-22
	B.13 Community Landscape Design Guidelines.....	B-24

CHAPTER 9	UTILITIES PLAN	
	9.1 Water Distribution System & Facility Locations.....	9-4
	9.2 Recycled Water Distribution System & Facility Locations.....	9-6
	9.3 Sanitary Sewer Distribution System & Facility Locations.....	9-7
	9.4 Storm Drainage System & Facility Locations.....	9-10
	9.5 Dry Utilities Locations.....	9-15
CHAPTER 10	IMPLEMENTATION & ADMINISTRATION	
	10.1 Phasing Plan.....	10-4
APPENDIX A	DEVELOPMENT STANDARDS	
	A.1 Carriage Unit Opportunities.....	A-3
	A.2 Additional Fence Restrictions.....	A-5
	A.3 Village District Urban Form.....	A-6
APPENDIX B	DESIGN GUIDELINES	
	B.1 Streetside Paseo Loop.....	B-3
	B.2a Streetside Paseo/Residential Interface(Front Loaded Homes)	B-3
	B-2b Streetside Paseo/Residential Interface (Alley Loaded Homes)	B-3
	B.2b Conceptual Vignette of Streetside Paseo.....	B-4
	B.3 Linear Park and Pedestrian Linkages.....	B-4
	B.4 Commercial Center.....	B-17
	B.5 Homes Fronting onto Park.....	B-23
	B.6 Homes Backing/Siding onto Open Space.....	B-23
	B.7 Homes Fronting Paseo.....	B-24
	B.8a West Sunset Boulevard Street Section – Key Map.....	B-26
	B.8b West Sunset Boulevard Street Section 1-1.....	B-26
	B.8c West Sunset Boulevard w/ Right Turn Lane Section 2-2.....	B-27
	B.8d West Sunset Boulevard w/ Left Turn Lane Section 3-3	B-27
	B.9 Westbrook Boulevard – North of Road A.....	B-28
	B.10 Westbrook Boulevard – South of Road A.....	B-29
	B.11 Minor Arterial “B”.....	B-29
	B.12 Modified Collector.....	B-30
	B.13 Modified Primary Residential Street.....	B-31
	B.14 Modified Primary Residential Street w/ Streetside Paseo.....	B-31
	B.15 Roundabouts Plan View.....	B-32
	B.16 Mini-Roundabouts Plan View.....	B-33
	B.17 Modified Minor Residential Street.....	B-33
	B.18 Alley.....	B-34
	B.19 Main Street.....	B-36
	B.20 Main Street Promenade.....	B-36
	B.21 Village Street.....	B-37
	B.22 Potential Edge Conditions Along Open Space/Drainage Channel.....	B-40
	B.23a Edge Conditions Along Open Space Transition Zones.....	B-41
	B.23b Edge Conditions Along Drainage Channel – Plan View.....	B-42
	B.24 Potential Edge Conditions Along Western Property Line.....	B-43
	B.25a Conceptual Placer Parkway Section (Interim Condition).....	B-44
	B.25b Conceptual Placer Parkway Section (Ultimate Elevated Condition).....	B-45
	B.26 Monument Sign Locations.....	B-55
	B.27 City Gateway.....	B-56
	B.28 Monument 1.....	B-57
	B.29 Monument 5.....	B-58
	B.30 Monument 3.....	B-59
	B.31 Monument 2.....	B-60
	B.32 Monument 4.....	B-61

B.33 Section A-A.....	B-62
B.34 Section B-B.....	B-62
B.35 Wall Locations.....	B-65
B.36 Paseos.....	B-70
B.37 Fire Station (AR-54).....	B-71
B.38 North Pump Station (AR-56).....	B-72
B.39 Sewer Lift Station (AR-57).....	B-72
B.40 Recycling Center and Well Site (AR- 55 <u>58</u> and <u>59</u>).....	B-72

Pages will need to be updated once Track changes are accepted.

A wide variety of residential opportunities will be provided within the various districts. This variety may include single family attached and detached homes, live/work row town homes, town homes, condominiums and apartments. Design of residential neighborhoods emphasizes pedestrian and bicycle connectivity while facilitating dispersed automobile traffic. The modified grid street network creates shorter, more traditional feeling block lengths. The result of this block scaling is that the various home types are woven together within the neighborhood fabric, rather than separated housing tracts of the same lot configuration. This was the traditional pattern of growth for neighborhoods prior to large scale tract housing development.

The following figures graphically illustrate those principles. Figure 3.1 is the Overall Districts diagram that highlights the major planning ideas and areas while the diagrams following those highlight individual districts in detail. Figure 3.2 illustrates a potential build out scenario.

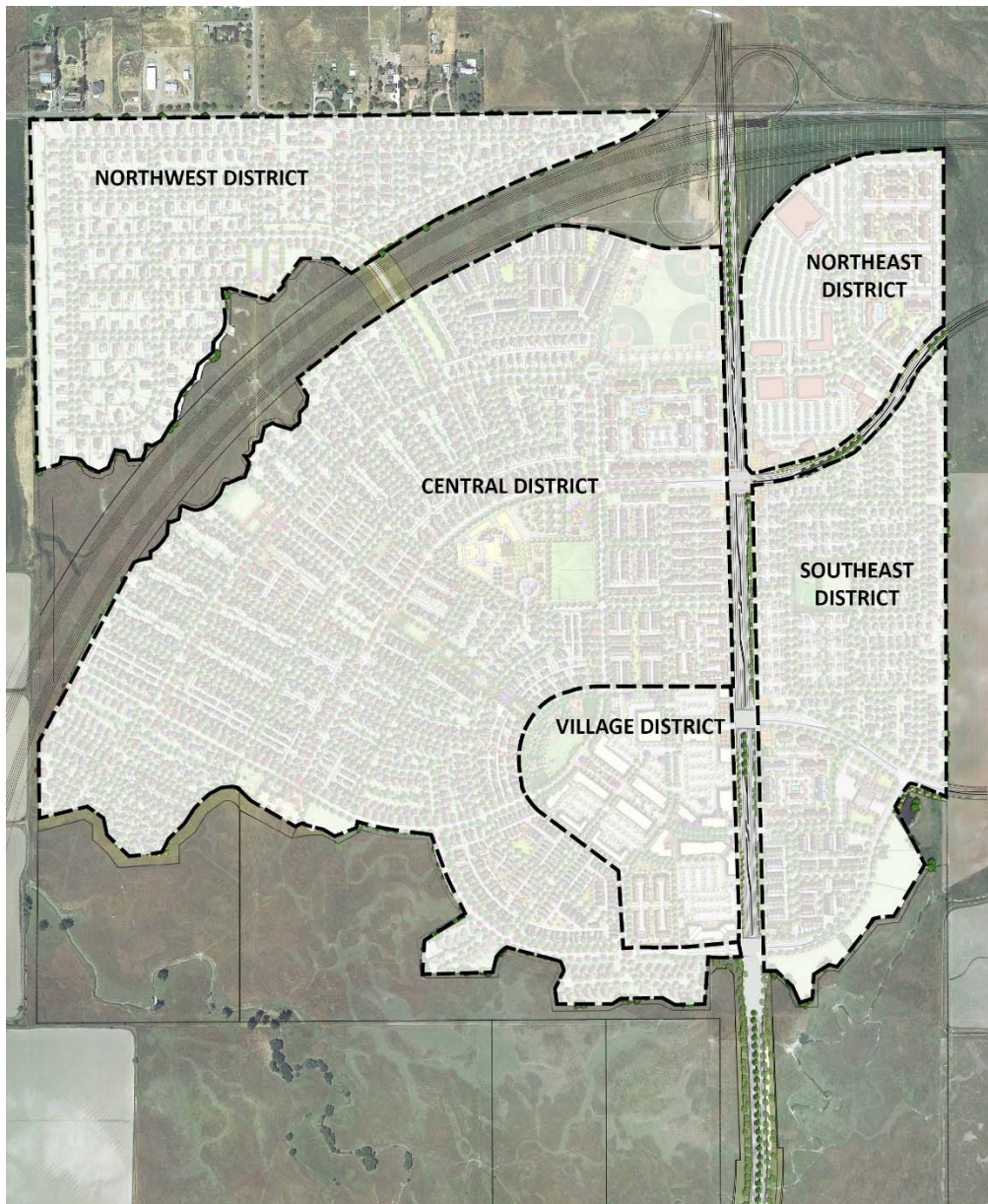


Figure 3.1: Overall Districts Updated 09/01/2019



Figure 3.2: Artist's Conceptual Illustrative Plan: Potential Build-out Scenario Updated 09/01/2019

The artist's Conceptual Illustrative Plan (above and details throughout this Document) presents the Specific Plan vision within the site context. Precise street alignments, lot locations and dimensions, and building locations shall be determined at the time of Tentative Map approval. Such alignments and locations shall be substantially consistent with the goals and policies of this Specific Plan.

A. Village District

The Village District is an important component of the Plan Area and provides a dynamic center for the community. The intersection of Westbrook Boulevard and Main Street creates a high level of activity that establishes the core of the District. The Village District development pattern is not just a linear main street surrounded by parking lots. The plan creates a subtle block grid that forms more connection with the surrounding residential neighborhoods and better hides the parking from view. The Village District will provide retail and office space, with buildings organized along a Main Street, creating a classic small town main street character. Buildings with storefronts and tall floor plates, that may include office or residential units above, provide a sense of enclosure to the street.

The Main Street continues and “T’s” at an Urban Park. Storefronts line the street in buildings that are broken into sections that establish a walkable rhythm, rather than block long single structures with consistent storefronts and setbacks. This rhythm is crucial to establish the pedestrian scale inherent to a classic main street. The variety in building character and setbacks makes the Village District visually interesting and creates an environment focused on the pedestrian.



Figure 3.3: Conceptual Plan Detail – Village District

B. Northeast District- Retail and Business Park

A 23-acre parcel in the northeast quadrant of the site, bounded by Placer Parkway, Westbrook Boulevard and Road “D”, is designated for retail and business park uses, as well as high density housing. This will be an ideal location for large format retail that will serve a wider area than Amoruso Ranch and the neighboring communities. Depending upon market demand, this site may include retail/office commercial or business park uses. Buildings should frame the road into the District, with large parking fields behind. A prominent building should be located at the intersection of Road D and Westbrook.

The 15-acre high density residential site provides residents the opportunity to walk to work and to retail services. Twenty-five spaces within the commercial parking lot will be provided for a park and ride lot. A small private park with amenities such as a play area, pool, or community building for use by the residents should be included. Parking should be broken into several lots and conveniently located for residents.



Figure 3.11: Conceptual Plan Detail – Northeast District

C. Central District

The Central District forms the heart of the Plan Area. It includes an elementary school, residential neighborhoods, and a variety of parks, including the crossing park that will provide pedestrian access throughout the area. A looped roadway with paseos around the District provides connectivity between the neighborhoods, parks, school, and the Village District for pedestrians and bicycles.

This District provides the broadest range of housing types and choices. Residents will be able to choose from homes as dense as apartments and townhomes, or single-family detached homes. This mixing of densities and lifestyle choices create a more fully integrated community.

A variety of parks serves the residents and creates options for recreation. A ten-acre park (AR-62) is located on the north end of the quadrant, adjacent to Westbrook Boulevard, south of Placer Parkway. Two smaller neighborhood parks are also proposed within the Central District. The linear east west park (AR-64), links the elementary school, parks, and Urban Park together.

The southern edge of the District has frontage along open space. Homes could front on, side on, or back on the open space creating a sequence of different experiences and edge conditions. A one-acre park (AR-63) and a pedestrian and bicycle path along the northern edge will provide visual and physical connections to the open space.

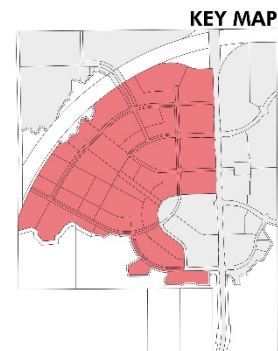


Figure 3.12: Conceptual Plan Detail – Central District Updated 09/01/2019

D. Northwest District

The northwest portion of the ARSP is located north of the proposed Placer Parkway. A roadway with striped on-street bike lanes provides access to the rest of the Plan Area. It is bordered by Sunset Boulevard to the north, and unincorporated land to the west. This area ~~is intended for larger lot homes to provide~~ a transition to existing rural uses within the County.

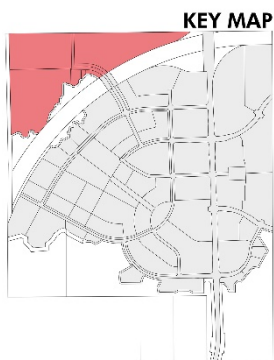


Figure 3.13: Conceptual Plan Detail – Northwest District

E. Southeast District

The Southeast District of the ARSP contains a mix of residential neighborhoods including high density apartments, townhomes, and single family detached, ranging from small to standard lot, as well as a one-acre park, and a fire station site.

This District is located between Westbrook Boulevard and the future Placer Ranch Plan Area. Two arterials connect Westbrook to the Placer Ranch Plan Area. The District also takes direct access from Westbrook Boulevard, where a neighborhood street provides a direct focal point at the neighborhood park.

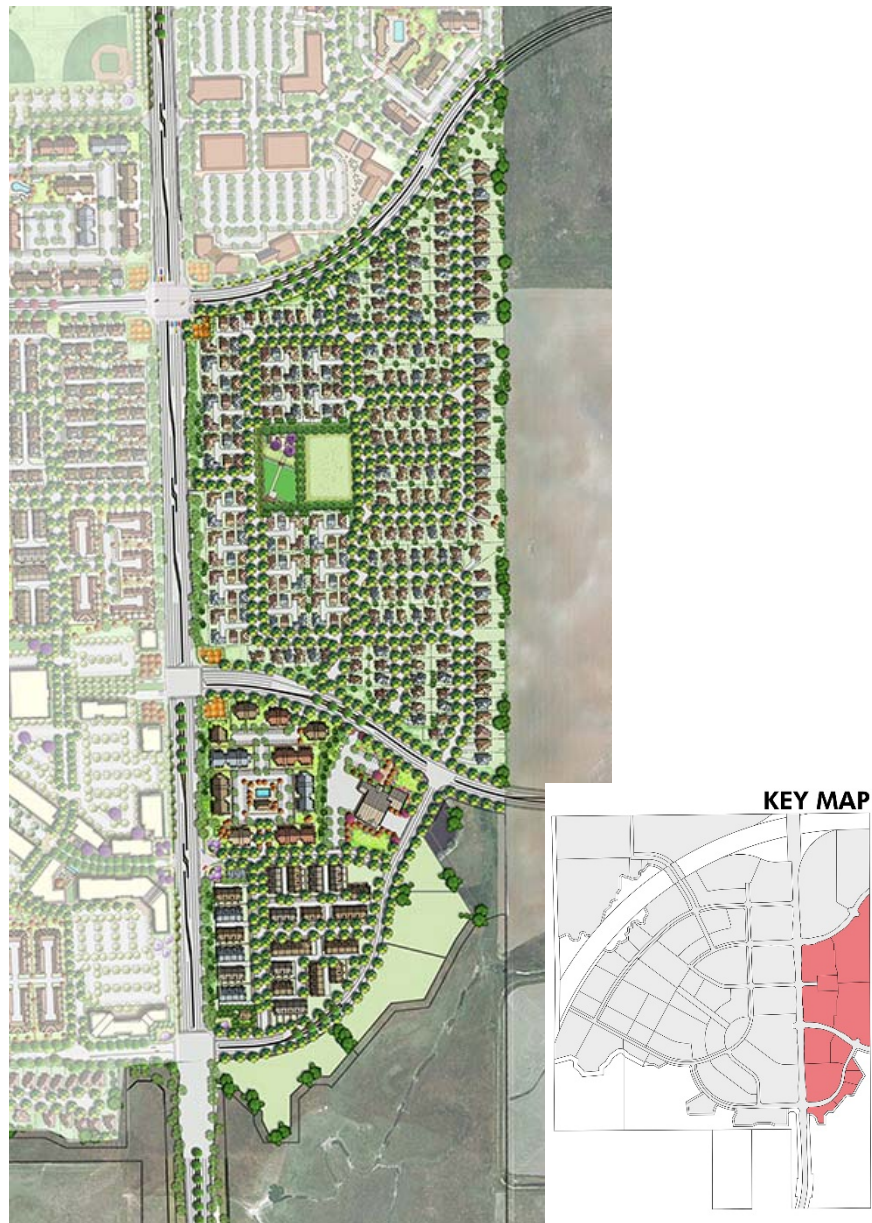


Figure 3.14: Conceptual Plan Detail – Southeast District Updated 09/01/2019

F. Parks and Open Space

Over twenty-three percent (23%) of the Plan Area is planned for park and open space uses, which is equivalent to 22 acres of park, 11 acres of open space paseo, and ~~135-155~~155 acres of open space. The open space and park network provides a key element of the ARSP. In general, environmentally sensitive or significant land due to the presence of habitat, resources, natural features, or man-made features is designated as open space. Open space areas provide opportunities for scenic vistas, water conveyance and retention, stormwater quality/treatment, pedestrian/bike trails and resource avoidance and preservation.

The vision for the neighborhood parks is to create a variety of parks, both in size and activity, which are linked together via a paseo system. To create a “string of pearls,” the parks range in size from one-acre to ten-acres. Design of each park is intended to be unique to create memory points or landmarks within the community. They are dispersed throughout the Plan Area so that almost all residents are within a quarter mile of a park, and have a pleasant route to walk or bike to that park. See Figure 8.2 Park Distribution and Figure 8.3 Walking Distances to Parks in Chapter 8.

To create a unique identity for each park, each conceptual layout draws from a wide variety of amenities at a minimum; parks will provide turf areas for informal activities, benches or tables for picnicking and shaded seating for larger group events as well as active, formal areas for organized play. See Chapter 8 for more information.



Figure 3.15: Conceptual Park on Western Edge



Figure 3.16: Conceptual Park on Eastern Edge



Informal Play Area.



Play Area.



Pedestrian Paseo.

G. Circulation System

The ARSP includes many of the City's Blueprint Implementation Strategies for multi-modal circulation, providing multiple transportation choices to address vehicles, public transit, bicyclists and pedestrians. The pedestrian and bicycle network forms the backbone of the Plan Area. It includes on-street bike lanes, pedestrian paths or paseos along specific streets, a network of sidewalks separated from driving or parking areas by landscaped parkways, and small, individual block serving paseos that link directly to homes. Where important pedestrian links occur, such as the street-side paseos, driveway access for individual homes are not allowed in order to reduce pedestrian/auto conflicts and reinforce the pedestrian friendly street experience.

This network links all land uses together within the ARSP and allows for connections to the regional system as well as off-site amenities such as the Al Johnson Wildlife Area. The pedestrian network is further defined in Chapter 7.

For vehicles, the backbone roadway system includes a combination of regional arterial and collector streets to provide connections from existing and planned roadways adjacent to the Plan Area. These roadways are designed to accommodate future anticipated local and area traffic demands, with opportunities for connections to future planned Placer Parkway and to roadways leading to the City of Lincoln. The design of the backbone roadway system supports the creation of a smaller "neighborhood" network of local roadways. This network forms a modified grid where high connectivity eliminates the need for collector streets within the community.

Many homes face onto pedestrian oriented streets, neighborhood serving parks, garden courts, small pocket parks and block level paseo connections. Curbcuts and driveway cuts are minimized along the streetside paseos creating a continuous and a safe path for walkers. This eliminates many driveways from the streetscape and creates less interruption for walkers. These homes may side on to the paseos, or have garages served by carriageways or alleys behind the unit. Mixed with traditional street loaded homes, this expands the housing choices for future residents within the Plan Area.

In keeping with the design philosophy of an integrated community, sound and privacy walls are eliminated wherever feasible by the creation of a street network that results in low Average Daily Trip (ADT) counts. Additionally, the Development Standards of the ARSP (Appendix A) places certain requirements on parcels adjacent to arterial roads to minimize walls. Appropriate land uses, orientation of structures and appropriate landscaped setbacks are some of the methods the Amoroso Ranch plan utilizes to mitigate noise while minimizing walls.

While no fixed guideway transit is currently planned for the area, the City of Roseville may, as funding allows, provide commuter, dial-a-ride, and local transit services to the Plan Area. This may include some form of bus service that would link the Amoroso Ranch community to the region. Locations for future convenient transit stops may be provided on both sides of Westbrook Boulevard and will provide amenities to support a Bus Rapid Transit (BRT) route through the Plan Area. Any transit shelter should be complementary to and reinforce the character of the Village District architecture. Potential transit facilities are further discussed in Circulation Plan Chapter 7.

3.5 Landscape Concept

The landscape design at Amoroso Ranch plays an important role in meeting the overall vision set forth by this document to create a truly memorable community. The vision behind the landscape concept at Amoroso Ranch is to design a community that achieves the following goals:

- Reinforce a strong identity and "sense of place" through landscape design.
- Create an interconnected pedestrian network supported by landscape character.
- Maintain a visually open character of the site.



CHAPTER 4 – LAND USE PLAN

4.1 Overview

The Amoruso Ranch Specific Plan (ARSP) provides for a mix of land uses including low, medium and high density residential uses; commercial and office uses (which in some cases are sited with one another, and/or with residential uses); public and quasi-public uses for the school and civic uses such as a fire station, parks and open space uses; and an urban reserve parcel.

At build out, the Plan Area will provide for approximately 2,827 dwelling units which would accommodate roughly 7,379 residents, add approximately 476,000 square feet of commercial retail and office uses with the potential to expand to a maximum of 766,000 square feet, and provide approximately 22-acres of parks and ~~146~~ 155 acres of open space.

4.2 Land Use Plan

The land use designations identified in the ARSP are summarized below (Table 4.1), with an accompanying Land Use Map (Table 4.1) and breakdown by parcel (Table 4.2) on the following pages.

Table 4.1 (UPDATED 09/01/2019)					
Land Use Summary					
General Plan Land Use	Applied Zoning District	Acres	% of Total Acres	Allocated Units	% of Total Units
LDR (Low Density Residential)	R4 ; RS	248.77 <u>239.34</u>	35.83 <u>34.47</u> %	1302 <u>1252</u>	46.06 <u>44.29</u> %
MDR (Medium Density Residential)	RS	50.27	7.24%	542	19.17%
HDR (High Density Residential)	R3	38.13	5.49%	873	30.88%
Community Commercial - Village District	CMU-SA (Commercial Mixed-Use - Special Area)	27.27	3.93%	109 <u>159</u>	3.86 <u>5.62</u> %
Community Commercial	CC (Community Commercial)	23.85	3.43%		
Open Space	OS	144.19 <u>134.84</u>	20.76 <u>19.42</u> %		
Open Space (Paseos)	OS	10.7 4	1.5 5 <u>4</u> %		
Parks & Recreation	PR	22.14	3.19%		
Public / Quasi Public	P/QP (Fire Station)	3.02	0.43%		
	P/QP (Water Facilities <u>Water Storage Well</u>)	3.46 <u>1.35</u>	0.21 <u>0.50</u> %		
	P/QP (Lift Station A)	0.28	0.04%		
	P/QP (Lift Station B)	0.85	0.12%		
	P/QP (School)	9.62	1.39%		
	P/QP (Community Facility) <u>P/QP (Recycling Center)</u>	1.46 <u>0.65</u>	0.21 <u>0.09</u> %		
Urban Reserve	UR	20.00	2.88%	1	0.03 <u>0.04</u> %
Misc. Roads		101. 22 <u>24</u>	14.5 8 <u>7</u> %		
Total		694.40	100%	2827	100%

LAND USE PLAN

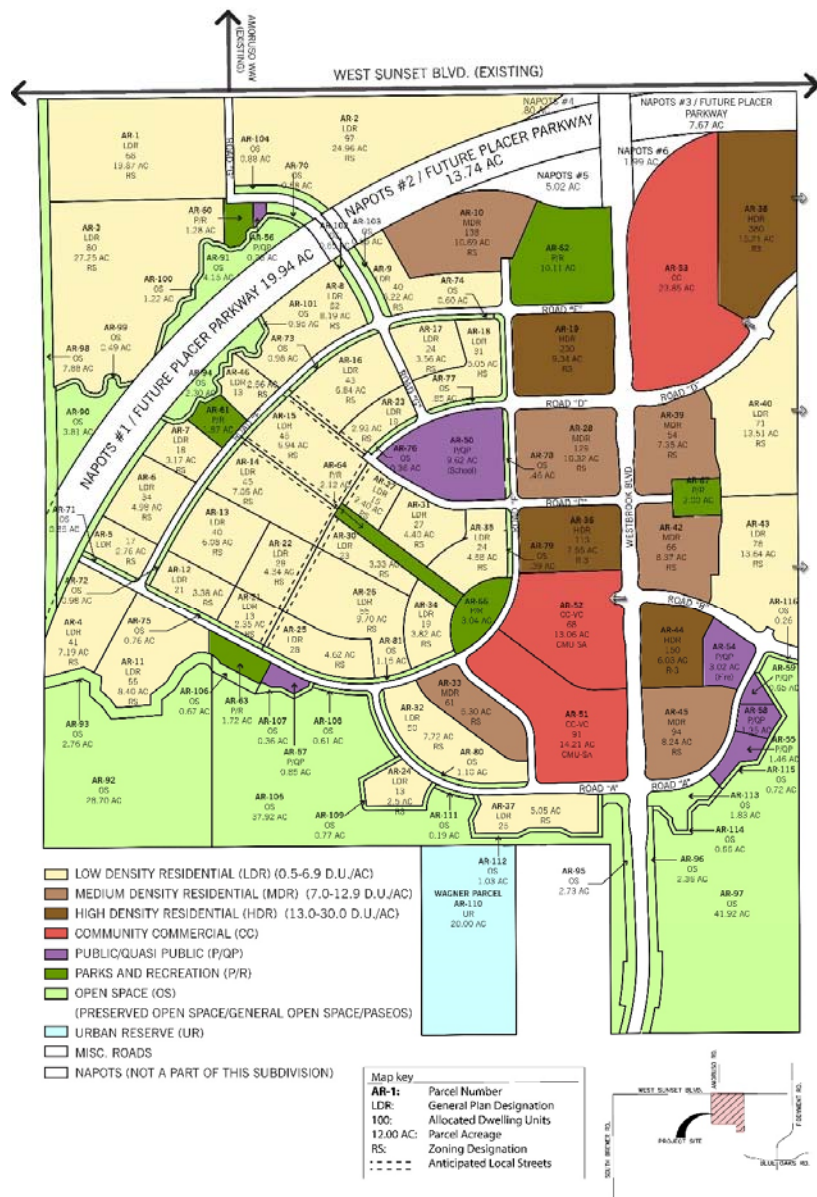


Figure 4.1 Land Use Map ((UPDATED 09/01/2019)

LAND USE PLAN

Table 4.2
Land Use by Parcel Number

<i>Parcel</i>	<i>GP Land Use</i>	<i>Zoning</i>	<i>Acres</i>	<i>Allocated Units</i>	<i>Density</i>
AR-1	LDR	R1 RS	19.87	68	3.42
AR-2	LDR	R1 RS	24.96	97	3.89
AR-3	LDR	R1 RS	27.25	80	2.94
AR-4	LDR	RS	7.25 19	41	5.66 70
AR-5	LDR	RS	2.76	17	6.16
AR-6	LDR	RS	4.98	34	6.83
AR-7	LDR	RS	3.17	18	5.68
AR-8	LDR	RS	8.19	52	6.35
AR-9	LDR	RS	6.22	40	6.43
AR-10	MDR	RS	10.69	138	12.91
AR-11	LDR	RS	8.74 40	55	6.29 55
AR-12	LDR	RS	3.38	21	6.21
AR-13	LDR	RS	6.08	40	6.58
AR-14	LDR	RS	7.05	45	6.38
AR-15	LDR	RS	6.94	45	6.48
AR-16	LDR	RS	6.84	43	6.29
AR-17	LDR	RS	3.56	24	6.74
AR-18	LDR	RS	5.05	31	6.14
AR-19	HDR	R3	9.34	230	24.63
AR-21	LDR	RS	2.35	13	5.53
AR-22	LDR	RS	4.34	28	6.45
AR-23	LDR	RS	2.93	19	6.48
AR-24	LDR	RS	10.30 2.5	55 13	5.34 20
AR-25	LDR	RS	4.62	28	6.06
AR-26	LDR	RS	9.70	55	5.67
AR-27	LDR	RS	2.40	15	6.25
AR-28	MDR	RS	10.32	129	12.50
AR-30	LDR	RS	3.33	23	6.91
AR-31	LDR	RS	4.40	27	6.14
AR-32	LDR	RS	7.72	50	6.48
AR-33	MDR	RS	5.30	61	11.51
AR-34	LDR	RS	3.82	19	4.97
AR-35	LDR	RS	4.58	24	5.24
AR-36	HDR	R3	7.55	113	14.97
AR-37	LDR	RS	6.28 5.05	33 25	5.25 00
AR-38	HDR	R3	15.21	380	24.98
AR-39	MDR	RS	7.35	54	7.35
AR-40	LDR	RS	13.51	71	5.26
AR-42	MDR	RS	8.37	66	7.89
AR-43	LDR	RS	13.64	78	5.72
AR-44	HDR	R3	6.03	150	24.88
AR-45	MDR	RS	8.24	94	11.41
AR-46	LDR	RS	2.56	13	5.08
AR-50	P/QP	P/QP	9.62		
AR-51	CC-VC	CMU-SA	14.21	91	
AR-52	CC-VC	CMU-SA	13.06	18 68	
AR-53	CC	CC	23.85		
AR-54	P/QP	P/QP	3.02		

Table 4.2 (continued)
Land Use by Parcel Number

<i>Parcel</i>	<i>GP Land Use</i>	<i>Zoning</i>	<i>Acre</i>	<i>Allocated Units</i>	<i>Density</i>
AR-55	P/QP	P/QP	3.46 1.46		
AR-56	P/QP	P/QP	0.28		
AR-57	P/QP	P/QP	0.85		
<u>AR-58</u>	<u>P/QP</u>	<u>P/QP</u>	<u>1.35</u>		
<u>AR-59</u>	<u>P/QP</u>	<u>P/QP</u>	<u>0.65</u>		
AR-60	P/R	P/R	1.28		
AR-61	P/R	P/R	1.87		
AR-62	P/R	P/R	10.11		
AR-63	P/R	P/R	1.72		
AR-64	P/R	P/R	2.12		
AR-66	P/R	P/R	3.04		
AR-67	P/R	P/R	2.0		
AR70	OS(Paseos)	OS	0.58		
AR-71	OS(Paseos)	OS	0.32 35		
AR-72	OS(Paseos)	OS	0.98		
AR-73	OS(Paseos)	OS	0.98		
AR-74	OS(Paseos)	OS	0.60		
AR-75	OS(Paseos)	OS	0.76		
AR-76	OS(Paseos)	OS	0.36		
AR-77	OS(Paseos)	OS	0.85		
AR-78	OS(Paseos)	OS	0.46		
AR-79	OS(Paseos)	OS	0.39		
AR-80	OS(Paseos)	OS	1.10		
AR-81	OS(Paseos)	OS	1.15		
AR-90	OS	OS	3.81		
AR-91	OS	OS	4.15		
AR-92	OS	OS	28.70 67		
AR-93	OS	OS	5.92 769		
AR-94	OS	OS	2.30		
AR-95	OS	OS	2.73		
AR-96	OS	OS	7.72 2.36		
AR-97	OS	OS	40.08 41.92		
AR-98	OS	OS	7.88		
AR-99	OS	OS	0.49		
AR-100	OS	OS	1.22		
AR-101	OS	OS	0.95		
AR-102	OS(Paseos)	OS	0.65		
AR-103	OS(Paseos)	OS	0.65		
AR-104	OS(Paseos)	OS	0.88		
AR-105	OS	OS	28.82 37.92		
<u>AR-106</u>	<u>OS</u>	<u>OS</u>	<u>0.67</u>		
<u>AR-107</u>	<u>OS</u>	<u>OS</u>	<u>0.36</u>		
<u>AR-108</u>	<u>OS</u>	<u>OS</u>	<u>0.61</u>		
<u>AR-109</u>	<u>OS</u>	<u>OS</u>	<u>0.77</u>		
<u>AR-111</u>	<u>OS</u>	<u>OS</u>	<u>0.19</u>		
<u>AR-112</u>	<u>OS</u>	<u>OS</u>	<u>1.03</u>		
<u>AR-113</u>	<u>OS</u>	<u>OS</u>	<u>1.83</u>		
<u>AR-114</u>	<u>OS</u>	<u>OS</u>	<u>0.55</u>		
<u>AR-115</u>	<u>OS</u>	<u>OS</u>	<u>0.72</u>		
<u>AR-116</u>	<u>OS</u>	<u>OS</u>	<u>0.26</u>		

LAND USE PLAN

Westbrook Boulevard			17.98		
NAPOTS			49.16		
Roads			34.0611		
Subtotal			674.40	2826	
AR-110 Wagner Parcel	UR	UR	20.00	1	
Total			694.40	2827	

4.3 Land Use Designations

Land uses within the ARSP are implemented through the zoning designation assigned to each parcel. This includes the application of the Development Standards (DS) and Special Area (SA) overlay zones to provide customized Development Standards and permitted uses as allowed by the City's Zoning Ordinance. Development Standards and Permitted Uses applicable to the Plan Area are provided in Appendix A. Where Appendix A is silent, the permitted uses and development standards established by the City of Roseville's Zoning Ordinance and Community Design Guidelines shall apply.

The following summarizes the ARSP Land Use designations with descriptions for each Land Use related density and applied zoning districts:

A. Residential Land Uses

The ARSP utilizes three residential land use designations: Low Density Residential (LDR), Medium Density Residential (MDR), and High Density Residential (HDR). This mix of residential land uses and their corresponding range of density support the vision of a community that includes a wide variety of housing types and options. Home types and lot sizes are intended to mix seamlessly together on almost a block by block development pattern.

The mix of housing types addresses future growth anticipated in the City of Roseville and neighboring regions. Approximately 70 percent of ARSP units are designated for low and medium densities and the remaining units, approximately 30 percent are planned as high density units.

The densities and supporting development standards as detailed in Appendix A, provide for the various housing options including conventional detached single family homes on large and small lots, alley loaded homes facing streets, parks or paseos, clusters, duets, townhomes, and apartments. This Specific Plan encourages innovative and unique lot configurations and home types that support the overall vision of the community as an urban village.

Custom Homes

Custom homes may be designated for construction in the northwest area of the ARSP located between Placer Parkway and West Sunset Boulevard. Custom homes are single-family residential units with unique exterior styling and individualized interior floor plans, and each home's architectural design is distinct from others in the subdivision. Typically, custom homes have detailed architectural features and upscale amenities which give them an appearance and character similar to, or qualitatively exceeding individually designed homes found in the City's other custom and/or executive housing neighborhoods. If proposed, custom home subdivisions maybe approved through the City's tentative subdivision map process.

Table 4.3
Low Density Residential (LDR)

Applied Zoning Districts	R1 ; RS Single Family Residential ; Small Lot Residential
Density	.5 - 6.9 dwelling units per acre
Description	The Low-Density Residential (LDR) land use category is applied to lands that are comprised of detached single-family dwelling units. Lot configurations may include conventional (street accessed garages), alley loaded, and clusters.
Permitted Uses & Development Standards	Permitted uses per City of Roseville Zoning Ordinance. Development Standards for R1 /RS zoning per City of Roseville Zoning Ordinance. Standards for accessory uses and structures are as permitted by the City's Zoning Ordinance Chapter 19.22.

Table 4.4
Medium Density Residential (MDR)

Applied Zoning Districts	RS Small Lot Residential
Density	7.0 - 12.9 dwelling units per acre
Description	The Medium Density Residential (MDR) land use category is applied to lands characterized by single family detached or attached dwelling units including a wide variety of lot types and configurations. This residential land use will accommodate a variety of housing types and designs on generally smaller lots.
Permitted Uses & Development Standards	Permitted uses per City of Roseville Zoning Ordinance. Development Standards per Appendix A of the ARSP. Standards for accessory uses and structures are as permitted by the City's Zoning Ordinance Chapter 19.22.

Table 4.5
High Density Residential (HDR)

Applied Zoning Districts	R3 Attached Housing
Density	13.0 and more dwelling units per acre
Description	The High Density Residential (HDR) land use category accommodates a range of housing options that meet the minimum density of 13 du/ac. These may include attached or detached duets, townhomes, condominiums or apartments, alone or in combination on a parcel.
Permitted Uses & Development Standards	Permitted uses per City of Roseville Zoning Ordinance. Development Standards per Appendix A of the ARSP.

Design Review Permit for Residential Subdivisions (DRRS)

A design review permit for residential subdivisions shall be obtained when required concurrent with the processing of an application for a tentative residential subdivision map. The approving authority for design review for residential subdivisions is the Planning Commission.

Residential Unit Transfers

There may be a desire or need to adjust (reduce or increase) the number of units assigned to some large-lot residential parcels. These adjustments may be permitted, pursuant to the provisions outlined in Section 10.7 (Residential Unit Transfers) of this Specific Plan. If the provisions of that Chapter cannot be met approval of a Specific Plan Amendment and possibly a General Plan Amendment may be required.

AFFORDABLE HOUSING PLAN



Figure 5.1: Low and Very Low Affordable Housing Distribution (UPDATED 09/01/2019)

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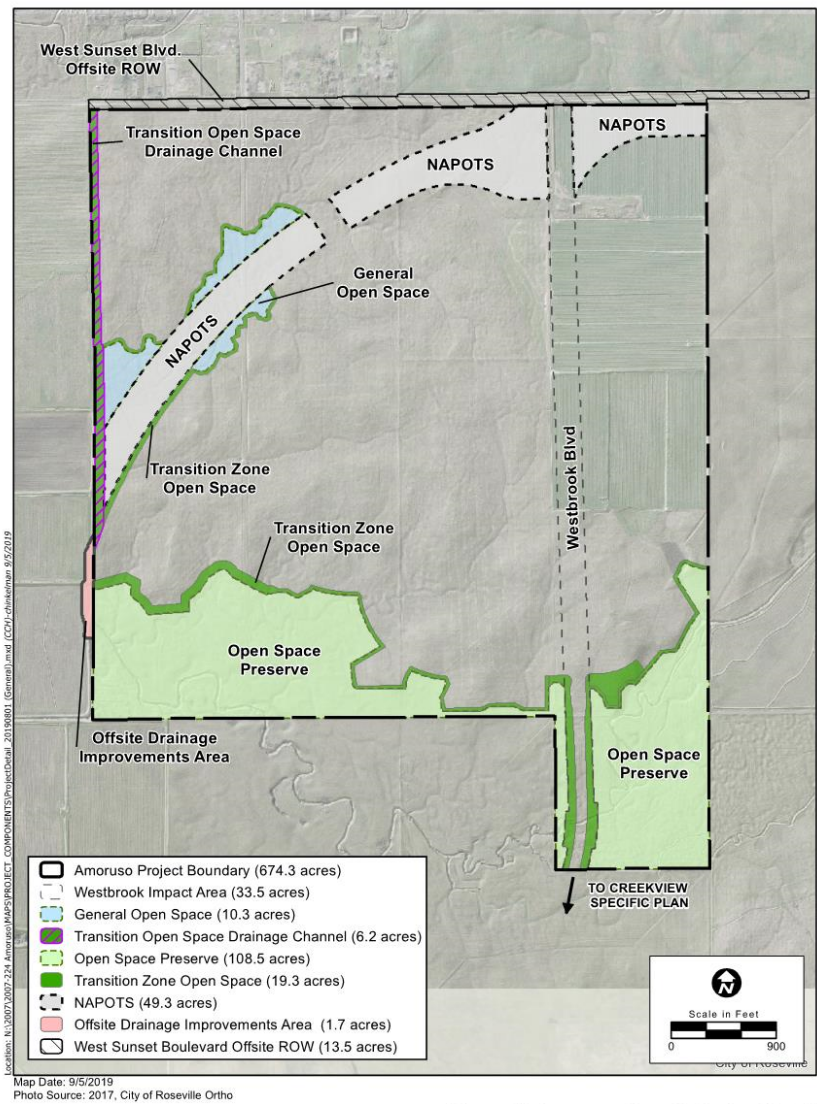


Figure 6.1: Project Components (UPDATED 09/01/2019)

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RESOURCE MANAGEMENT

The ARSP contains four types of open space totaling approximately ~~146-155~~ acres. These types include open space preserve (~~98-109~~ acres), general open space – avoided area (10 acres), transition zone open space (~~27-25~~ acres), and paseos (11 acres).

Each type of open space has been designed to accommodate specific functions and activities, from very limited use to active recreation and infrastructure. The on-site **open space Preserve** will be permanently preserved to protect Waters of the U.S. and habitat for federally listed species. This protection will be provided by either a declaration of covenants and restrictions and/or a conservation easement to restrict access and activities within the preserve. The area would be managed in accordance with the City's OSPOMP. **General open space – avoided area** also contains Waters of the U.S. and species habitat. While these areas will be avoided by the Project development, they may be impacted by the future Placer Parkway and therefore are not currently proposed for protection by a deed restriction and/or conservation easement. The ultimate management strategy for the General Open Space – avoided areas will be determined during future Placer Parkway project federal permitting process. During the interim period the avoided area would be managed as General Open Space in accordance with the City's OSPOMP. **Transition Zone open space** consists of the parcels that boarder the open space Preserve and General open space – avoided areas. These parcels provide a buffer to the Preserve open space and will be utilized for activities such as slope grading, outfall/stormwater structures, bike trails, weed abatement activities, open space maintenance, and health and safety vehicle access. The Transition zone open space area will not be protected by conservation easement and all wetlands within this area will be permitted for fill. Examples of typical infrastructure elements within Transition Zone open space areas can be found in Figure 6.3 to 6.11. **Paseos** are linear parcels of open space that provide pedestrian trails and green space within development areas. Paseos will not be protected by conservation easement and all wetlands within this area will be permitted for direct fill. A list of the parcels in each open space type is shown in Table 6.1 below. Paseos are not addressed further in this Resource Management Chapter because they are developed/landscaped areas that do not contain natural resources and would not be subject to special resource management actions outlined in the City's OSPOMP.

**Table 6.1
Open Space Parcels by Type**

Open Space Type	Parcels	Acreage
Open space Preserve	AR-92, AR-97, AR-105	97.57 <u>108.54</u>
General open space – avoided area	AR-90, AR-91, AR-94	10.26
Transition Zone open space	AR-93, AR-95, AR-96, AR-98, AR-99, AR-100, AR-101, AR-106, AR-107, AR-108, AR-109, AR-111, AR-112, AR-113, AR-114, AR-115, AR-116	26.98 <u>25.39</u>
Paseos	AR-70, AR-71, AR-72, AR-73, AR-74, AR-75, AR-76, AR-77, AR-78, AR-79, AR-80, AR-81, AR-102, AR-103, AR-104	10.7 4 <u>1</u>
Grand Total		145.52 <u>154.93</u>

The ARSP is consistent with the goals of the City of Roseville's General Plan Open Space and Conservation Element. It establishes approximately ~~45-16~~ percent of the project as permanent open space preserve, designed to protect some of the most prominent natural resource areas within the Plan Area. The ARSP open space preserve is contiguous with other open space preserves and abuts portions of the Creekview Specific Plan's open space preserve to the south, portions of West Roseville Specific Plan's open space preserve to the southeast, and the City of Roseville's Al Johnson Wildlife Area to the southwest (Figure 6.2). The resource management approach is designed to be consistent with resource agency input received during an early consultation process completed for the project as an outgrowth of the May 2000 Memorandum of Understanding (MOU) between the City and the U.S. Fish and Wildlife Service (USFWS).

The City conducts early consultation with the resource agencies for annexation projects proposed on the City of Roseville's western boundary, such as the ARSP.

The ARSP open space preserve is intended to complement larger-scale regional conservation strategies, such as the proposed Placer County Conservation Plan (PCCP), Placer County's proposed habitat conservation plan. Coordination with the conservation efforts of other agencies/projects is a fundamental principle and key objective of the Amoruso Ranch resource management approach. In addition to resource protection, the on-site open space preserve helps define the visual character of the site, provides for passive recreation opportunities, provides stormwater drainage and treatment, includes storm water conveyance, and provides land use buffering.

Based on the characteristics of the Amoruso Ranch property, the resources management approach in the Specific Plan focuses on wetlands, annual grassland habitat, wildlife, and providing connecting open space corridors. Additional resources are further addressed in the ARSP Environmental Impact Report (EIR). The ARSP proposes to append to the City's Open Space Preserve Overarching Management Plan for purposes of monitoring, reporting, and management of on-site open space areas.

6.2 Wetland Resources

A. Pre-Development Conditions

In its pre-development condition, several types of wetland features exist within the Plan Area (see site photos below). The most prominent of these are wetland swales, which are found throughout the site and carry water briefly during winter rainfall. As mentioned previously, University Creek is present within the southern portion of the site. University Creek currently flows with winter rainfall and runs dry (or below the surface) during the summer months. It receives some irrigation run-off from an irrigated pasture located in the northeast portion of the Amoruso Ranch site.



Seasonal wetland swale within proposed Open Space Preserve.



University Creek within proposed Open Space Preserve.

Outside of the swales and University Creek, vernal pools, seasonal wetlands, marshes, a stock pond, and an ephemeral drainage are scattered throughout the annual grassland community. The vernal pools and seasonal wetlands fill with rainwater during the winter months and can remain inundated until spring or early summer. These wetland areas include habitat potentially suitable for certain federal and/or state special-status plant and wildlife species. A total of 38.549-577 acres of wetlands and other Waters of the U.S. occur within the Amoruso Ranch property, [Al Johnson Wildlife Area Improvements Area](#), and the Sunset Boulevard West right-of-way in its pre-development condition, as listed in Table 6.2.

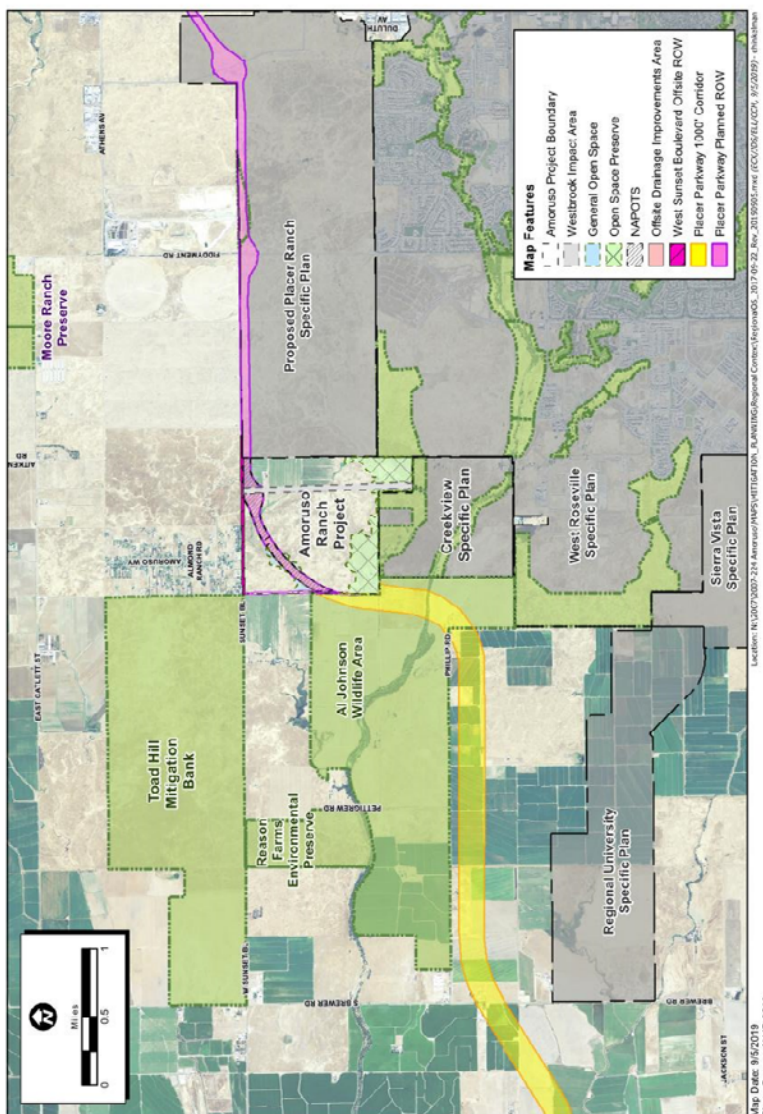


Figure 6.2: Regional Open Space (UPDATED 09/01/2019)

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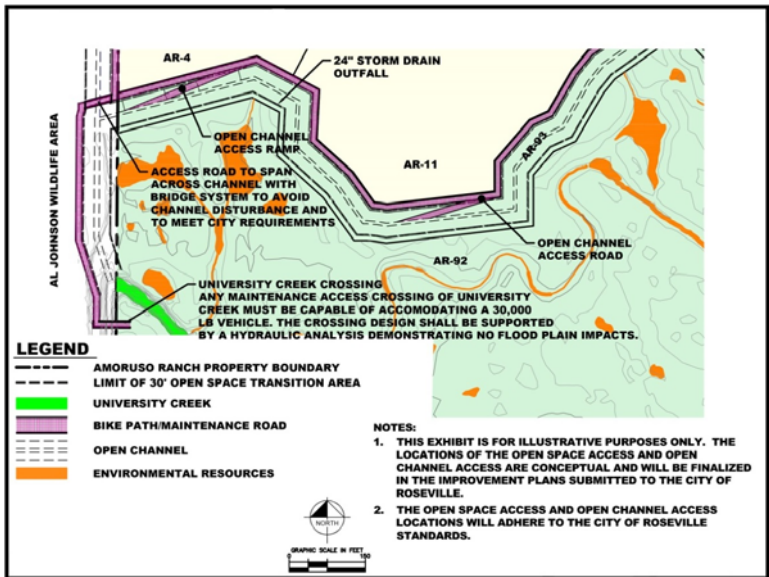


Figure 6.7: Open Space Transition Area Exhibit – Southern Complex (AR-92; AR-93)

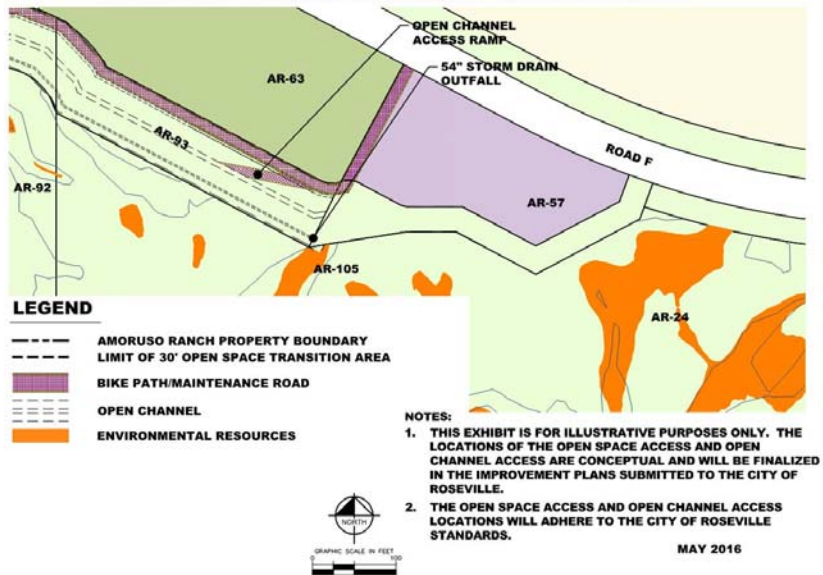


Figure 6.8: Open Space Transition Area Exhibit – Southern Complex (AR-92; AR-93; AR-105)
(UPDATED 09/01/2019)

RESOURCE MANAGEMENT

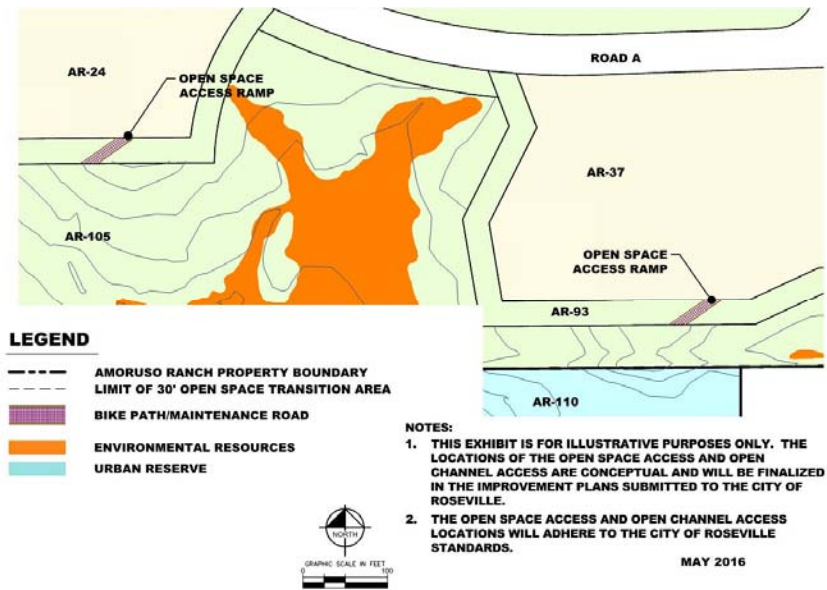


Figure 6.9: Open Space Transition Area Exhibit – Southern Complex (AR-93; AR-105)(UPDATED 09/01/2019)

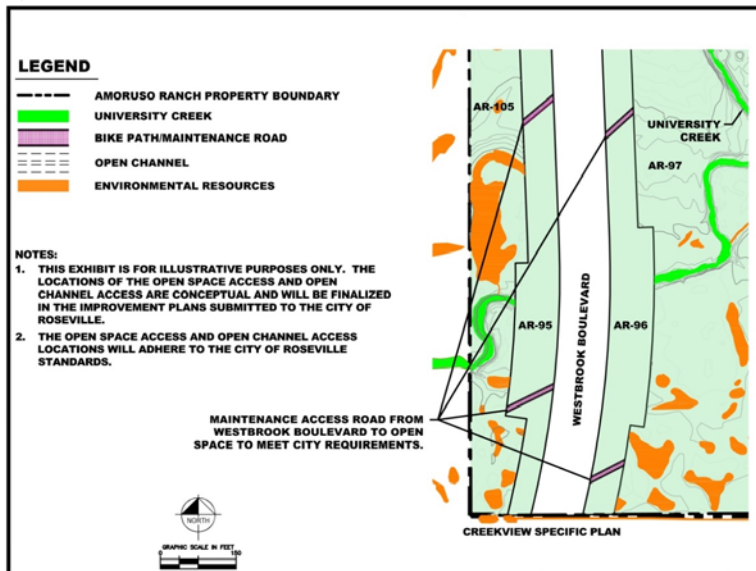


Figure 6.10: Open Space Transition Area Exhibit – Southern Complex (AR-95; AR-96; AR-97; AR-105)

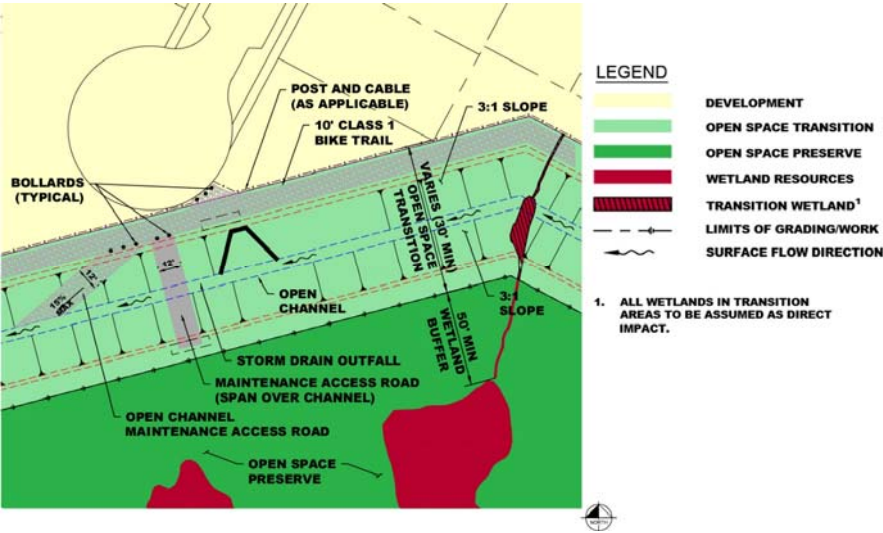


Figure 6.11: Typical Open Space Transition

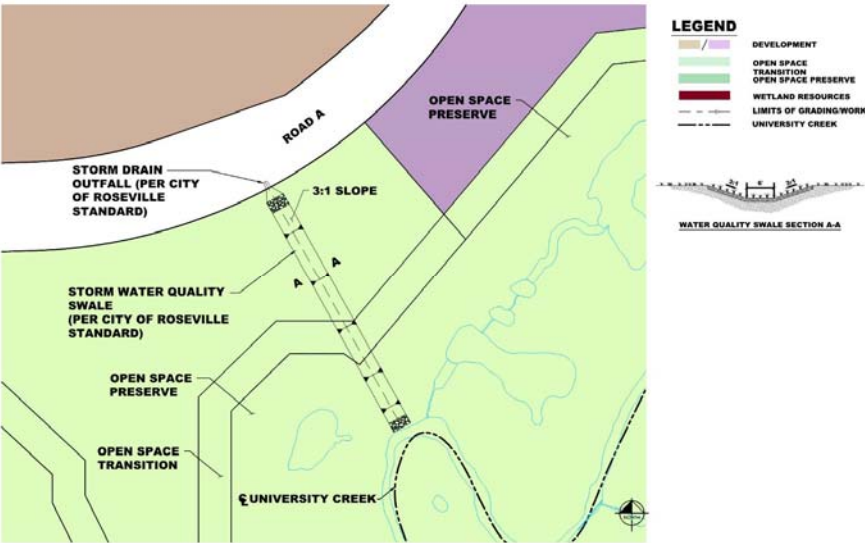


Figure 6.12: Typical Open Space Transition at Storm Drain Outfall [UPDATED \(09/01/2019\)](#)

Table 6.2
Potential Jurisdictional Wetlands Summary

Type	Amoruso Ranch Project [1]	Future Placer Parkway (Placer County Project) [2]	Total
Wetlands			
Vernal Pool	8-7729.055	1-0430.753	9-8149.808
Seasonal Wetland	4-2684.160	0-5590.674	4-8274.833
Seasonal Wetland Swale	16-78316.807	2-9612.960	19-74419.767
Farmed Wetland	0-0020.017	0.000	0-01702
Marsh	1-8221.741	0-0000.081	1.822
Other Waters			
Ephemeral Drainage	0.002	0.000	0.002
Intermittent Drainage	1-920919	0.000	1-920919
Seasonal Creek	0-023043	0.000	0-023043
Pond	0-364233	0-000132	0.364
Total	33-957978	4-562599	38-519577
[1]Includes wetlands within the Westbrook Boulevard alignment, along the West Sunset Boulevard right-of-way, and within the Al Johnson Wildlife Area improvements area. Wetlands within the Al Johnson Wildlife Area are not yet verified and may be subject to change.			
[2]Includes an estimate of wetlands within the future Placer Parkway regional improvement project that will occur within the Amoruso Ranch property but will be reviewed and processed as a separate project.			

Additional information regarding impacted and avoided wetlands is provided in the EIR.

B. Avoidance & Mitigation Strategies

B.1 Avoidance

The ARSP is the result of comprehensive planning and is influenced by the desire to minimize impacts on wetlands and habitat for endangered species to the fullest extent feasible. The proposed open space preserve is shown on Figure 6-1. It has been designed to avoid impacts to University Creek, preserve the highest quality vernal pools and seasonal wetlands at the site, create an open space preserve that is contiguous with other open space preserves, and to provide buffers for habitat protection. Additional information regarding impacted and avoided wetlands, including mitigation strategies, is provided in the EIR.

Development of the Amoruso Ranch Plan Area will be subject to approvals from state and federal resources agencies including the USFWS, the U.S. Army Corps of Engineers (USACE), the California Regional Water Quality Control Board, and the California Department of Fish and Wildlife. The City of Roseville and the project proponent worked extensively with representatives of various federal and state agencies during an early consultation process to refine the plan to minimize impacts to resources, create open space preserves of regional benefit, and to ensure compliance with the Clean Water Act and the federal Endangered Species Act (ESA).

B.2 On-Site Resource Preservation

Wetland features and habitat within the ARSP open space preserve will be protected in perpetuity. The ARSP open space preserve will total approximately ~~98~~ 109 acres and will be established within the overall Plan Area (see Figure 6-1). To ensure the open space preserve and its habitats are maintained, grading and drainage plans for the ARSP are designed to minimize impacts on the open space preserve's existing hydrology. It is anticipated that maintenance and management of the open space preserve will be conducted in perpetuity in accordance with the City of Roseville's Open Space Preserve Overarching Management Plan, discussed further in Section 6.3 below. It is further anticipated that the resource agencies may require an endowment and conservation easement recorded in favor of a third party land trust to monitor in perpetuity any on-site endangered species habitat credited to the project through the Clean Water Act Section 404 and ESA Section 7 permit process.

7.2 Roadways

Existing and Proposed Regional System and Connections

The development of Amoruso Ranch Specific Plan is influenced by several existing and planned roadways that provide access to the Plan Area. These roads have been planned to accommodate the future growth of regional development and are the backbone of the circulation plan.

- **Westbrook Boulevard** – Westbrook Boulevard is a planned north/south six-lane arterial roadway and designated truck route that will begin at Baseline Road and extend north of Blue Oaks Boulevard, through the Creekview Specific Plan (CSP) area entering the southern portion of the ARSP, and extending north through the ARSP. Westbrook Boulevard will terminate at the intersection of West Sunset Boulevard with a signalized connection. The future planned extension of Westbrook Boulevard may continue north to the City of Lincoln, and the plan does not preclude a future connection to the future Placer Parkway.
- **Placer Parkway** – Placer Parkway is a planned 15-mile long, high-speed limited access transportation facility, which will connect State Route 65 in western Placer County to State Route 99 in south Sutter County and bisects the northwest area of the Plan Area. As currently planned, Placer Parkway will have 4-lanes from Hwy 65 west to the future extension of Santucci Boulevard (Watt Ave) and 6-lanes from Santucci Boulevard west to Hwy 99. The right-of-way for this planned facility, as it traverses through the ARSP will be dedicated to the Public as part of the planned development. While a connection to Westbrook Boulevard has not been precluded by the development of the ARSP, no connection to Westbrook Boulevard is planned at this time, and depending on the final design and traffic needs the connection could be on-grade or grade separated.
- **West Sunset Boulevard** – West Sunset Boulevard is an existing east/west two-lane rural roadway that is located along the northern boundary of the ARSP. The roadway is within unincorporated Placer County and will provide additional access points to the ARSP at the intersection to Road G and Westbrook Boulevard. With the development of the ARSP the adjacent portions of West Sunset Boulevard will be improved to meet the current County of Placer road standards for a rural road and landscape setbacks with improved sidewalk, landscaping and walls per City standards.
- **Blue Oaks Boulevard** - Blue Oaks Boulevard, a six-lane arterial which provides east/west circulation through the City, lies along the southern boundary of the CSP. Existing Blue Oaks Boulevard extends from Highway 65 west to approximately Hayden Parkway and will be extended to Westbrook Boulevard to provide access into the ARSP.

Planned ARSP System and Improvements

The ARSP roadway system is illustrated on Figure 7.1 Street Hierarchy Plan, with lane capacity, right-of-way, and landscape requirements summarized in Table 7-1. Typical roadway design sections are illustrated in this chapter, with corresponding landscaping standards and related design details included in the ARSP Design Guidelines (Appendix B). Additional streets sections than those defined in this chapter or different than the City of Roseville's street sections may be reviewed and approved with individual development applications.

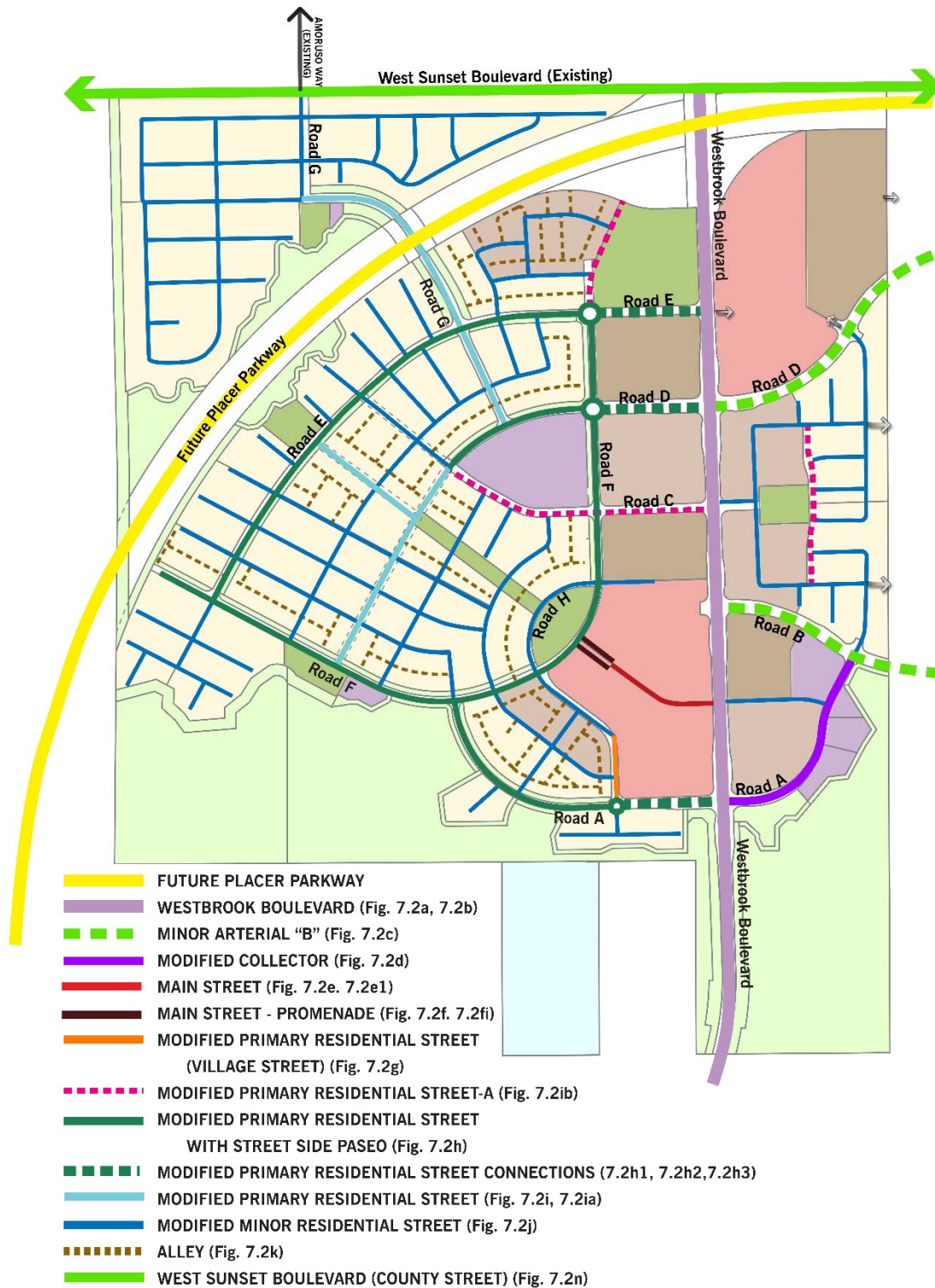


Figure 7.1 Street Hierarchy Plan (UPDATED 09/01/2019)

*Streets locations and types other than those indicated on the Land Use Plan are shown for illustrative purposes only.

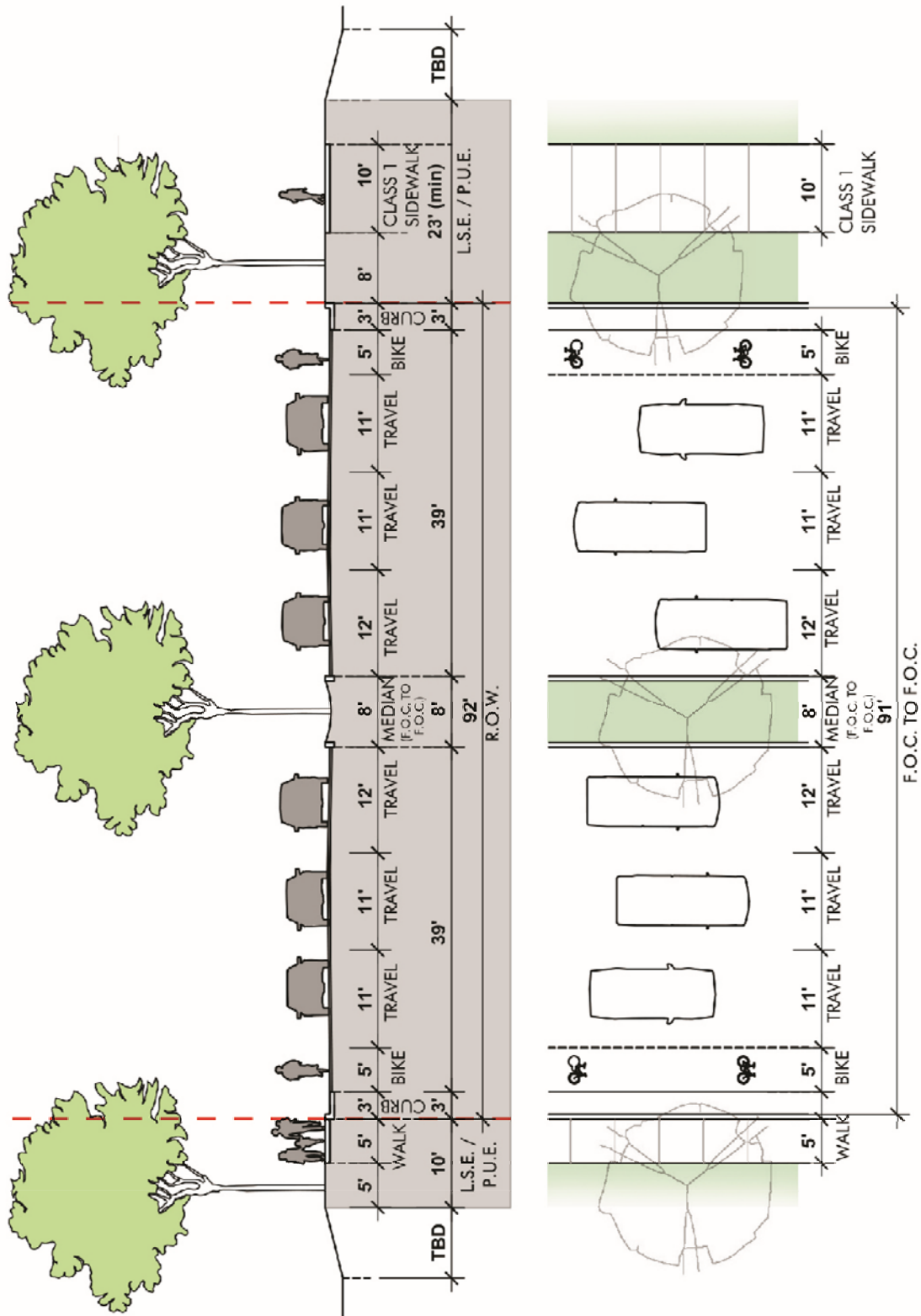
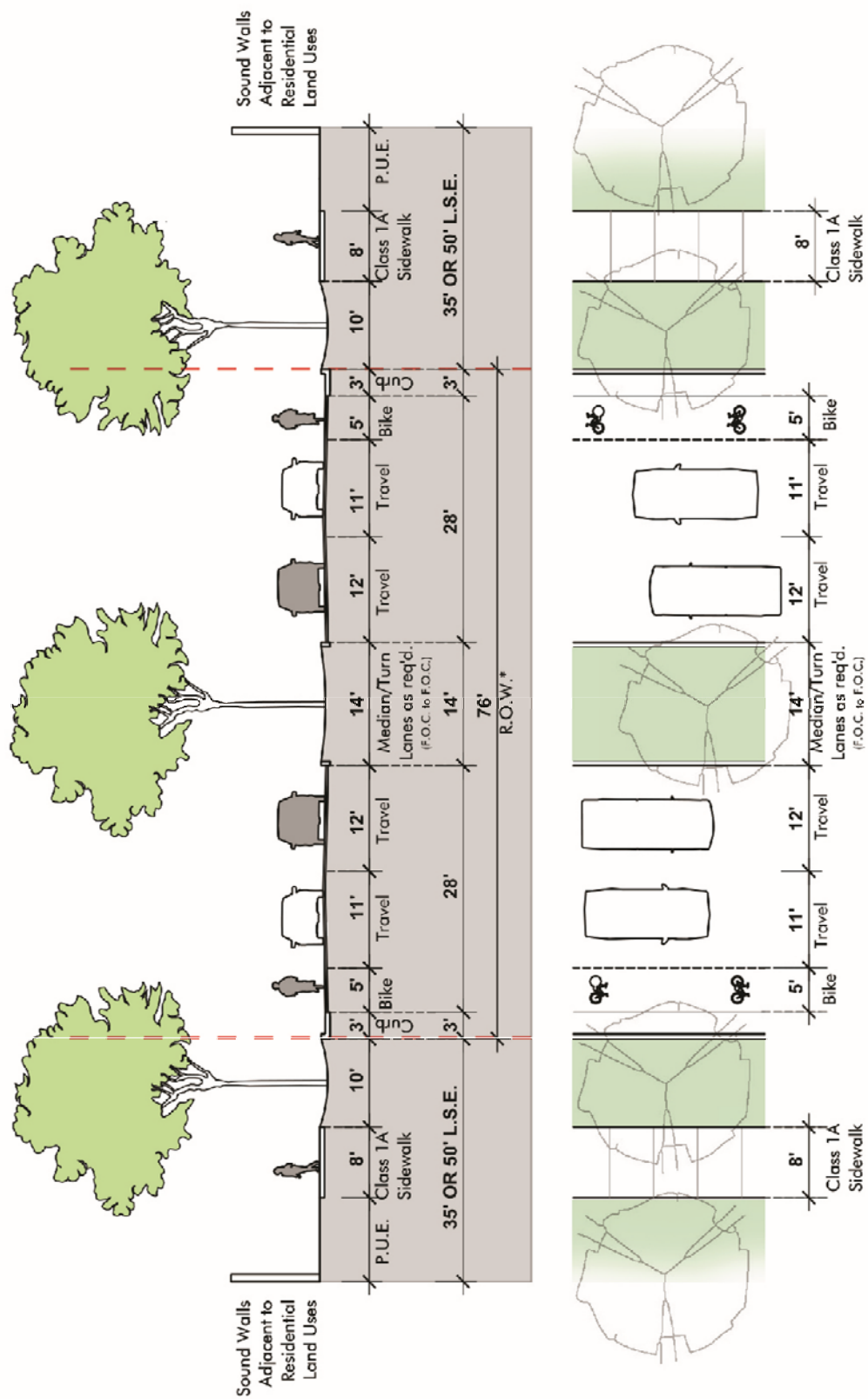


Figure 7.2b: Westbrook Boulevard – South of Road A (UPDATED 09/01/2019)



* R.O.W. will extend through the landscaped corridor adjacent to LDR and MDR Land Uses

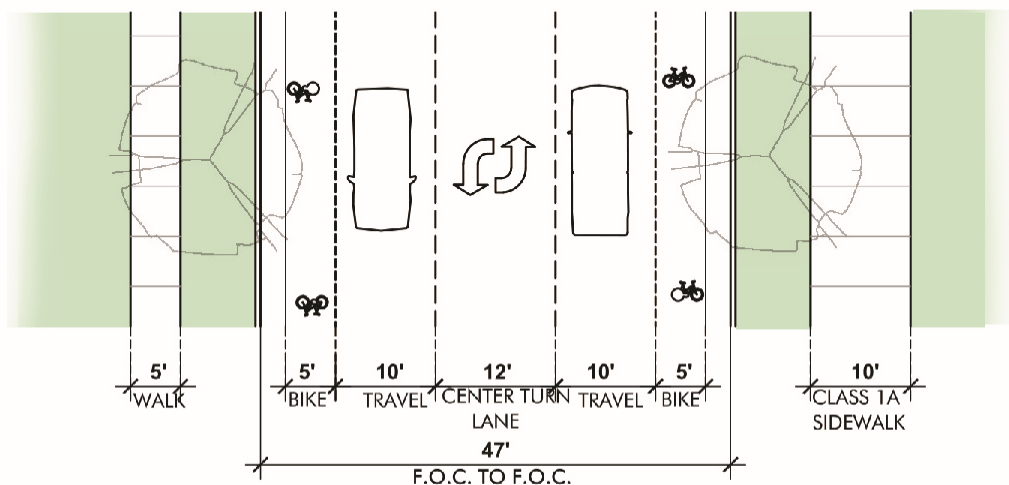
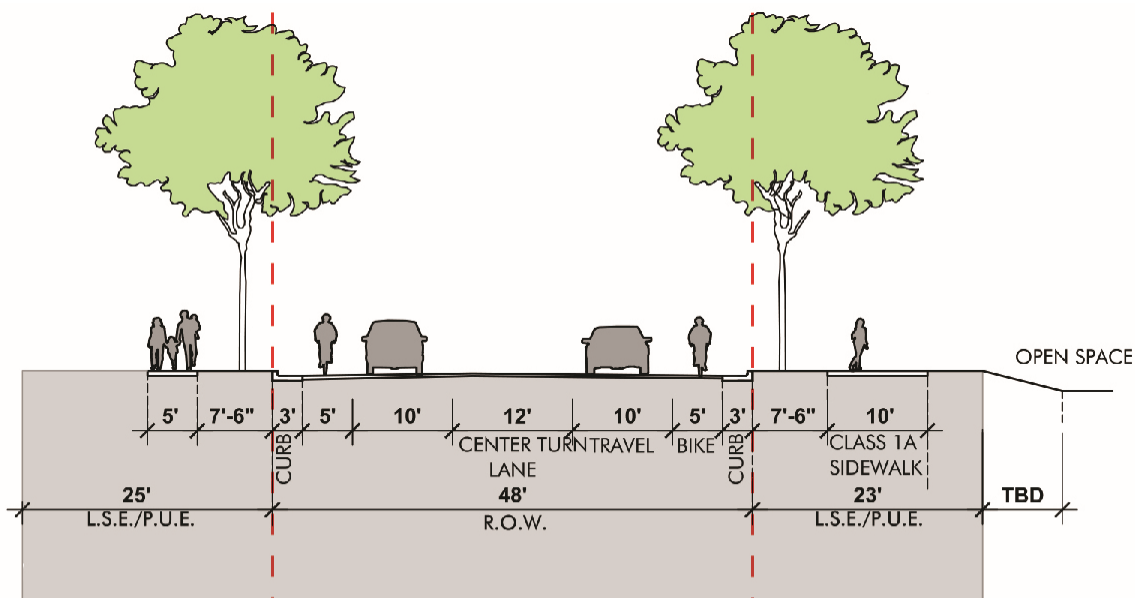
Figure 7.2c: Minor Arterial "B" (UPDATED 09/01/2019)

Collector Roadways

Collector roadways are secondary routes which generally distribute trips from the arterial street system to the local street system. Consistent with City Standards, the collector roadways within the ARSP, will provide two travel lanes and on-street Class II bike lanes. Where collector roadways intersect with arterial roads at signalized intersections, dedicated turn lanes will be constructed to accommodate vehicular movements. Within ARSP, travel lanes for collector roadways have been reduced and landscape corridors have been provided in order to promote traffic calming, reduce travel speed, and to create a more pedestrian friendly community. The ROW of collector roadways will be adjusted as required to accommodate turn lanes as per the traffic report.

Modified Collector

The Modified Collector provides for one travel lane and on-street striped bike lanes in each direction, separated by a striped center turn lane along with a landscaped parkway and sidewalk or pedestrian path on each side, within a 48-foot right-of-way. On the north side, a public utilities easement includes a sidewalk and landscaped parkway. On the south side, a public utilities easement/ landscape easement, and a Class IA sidewalk all parallel the street.



* R.O.W. WILL EXTEND THROUGH THE LANDSCAPED CORRIDOR ADJACENT TO LDR AND MDR LAND USES

Figure 7.2d: Modified Collector (UPDATED 09/01/2019)

7.3 Additional Street Design Standards

A. Traffic Signals and Median Breaks along Westbrook Boulevard

Westbrook Boulevard is designed to maximize efficiency for automobiles and enable safe movement for bicyclists and pedestrians. Locations of traffic signals and median breaks are identified to plan for left turn movements along arterial roadways, thereby enhancing the efficiency of traffic flow and minimizing interruptions to landscaped medians. The left turn movements at the median breaks are only permitted for the traffic turning left from the arterial. Left turn movements out from the streets to the arterial at these median break locations are prohibited. Additional median breaks may be allowed without amending the ARSP subject to approval by the City of Roseville Engineering Division and Planning Division per the Design Guidelines. Locations of signals and median breaks are illustrated on Figure 7.3.

7.4 Intersection Corner Clips

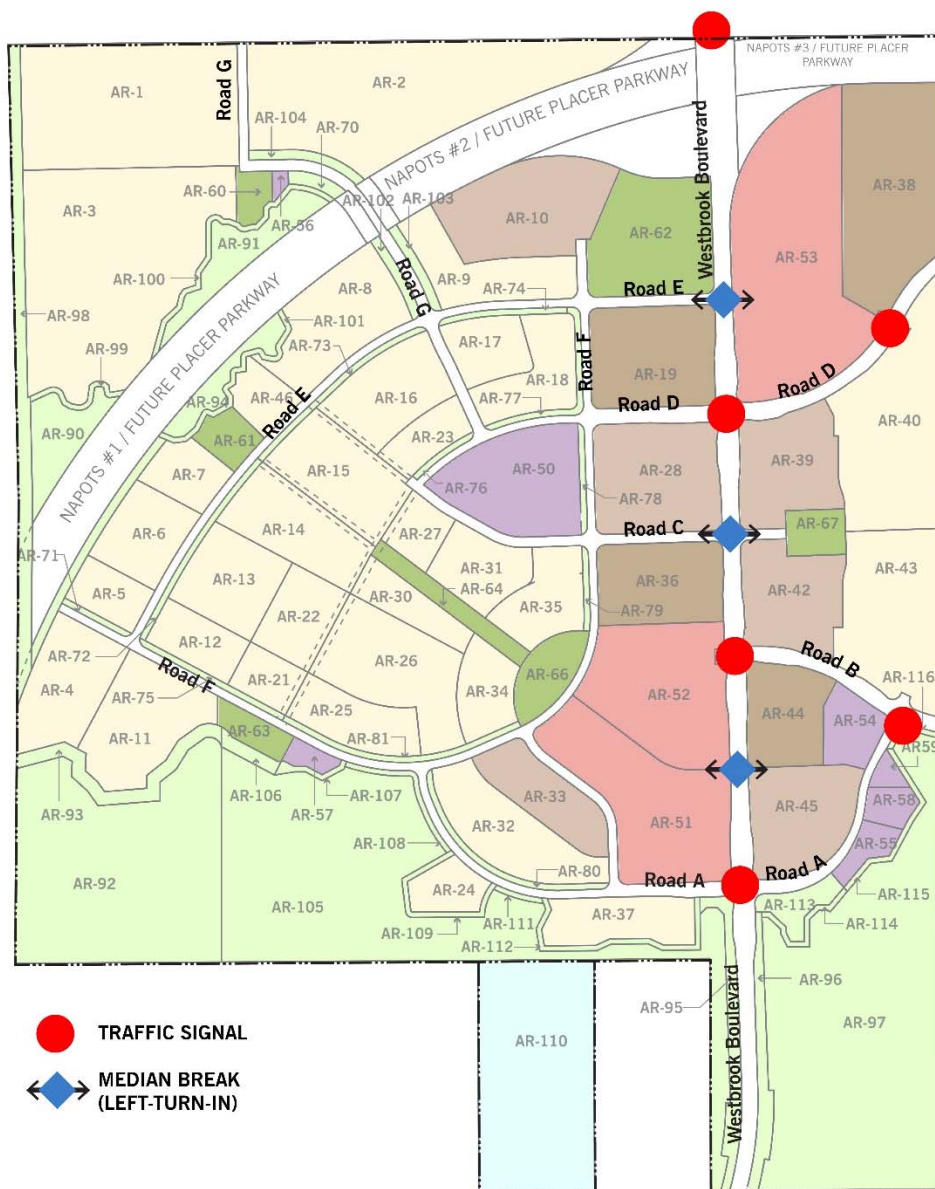


Figure 7.3: Traffic Signals and Median Breaks (UPDATED 09/01/2019)

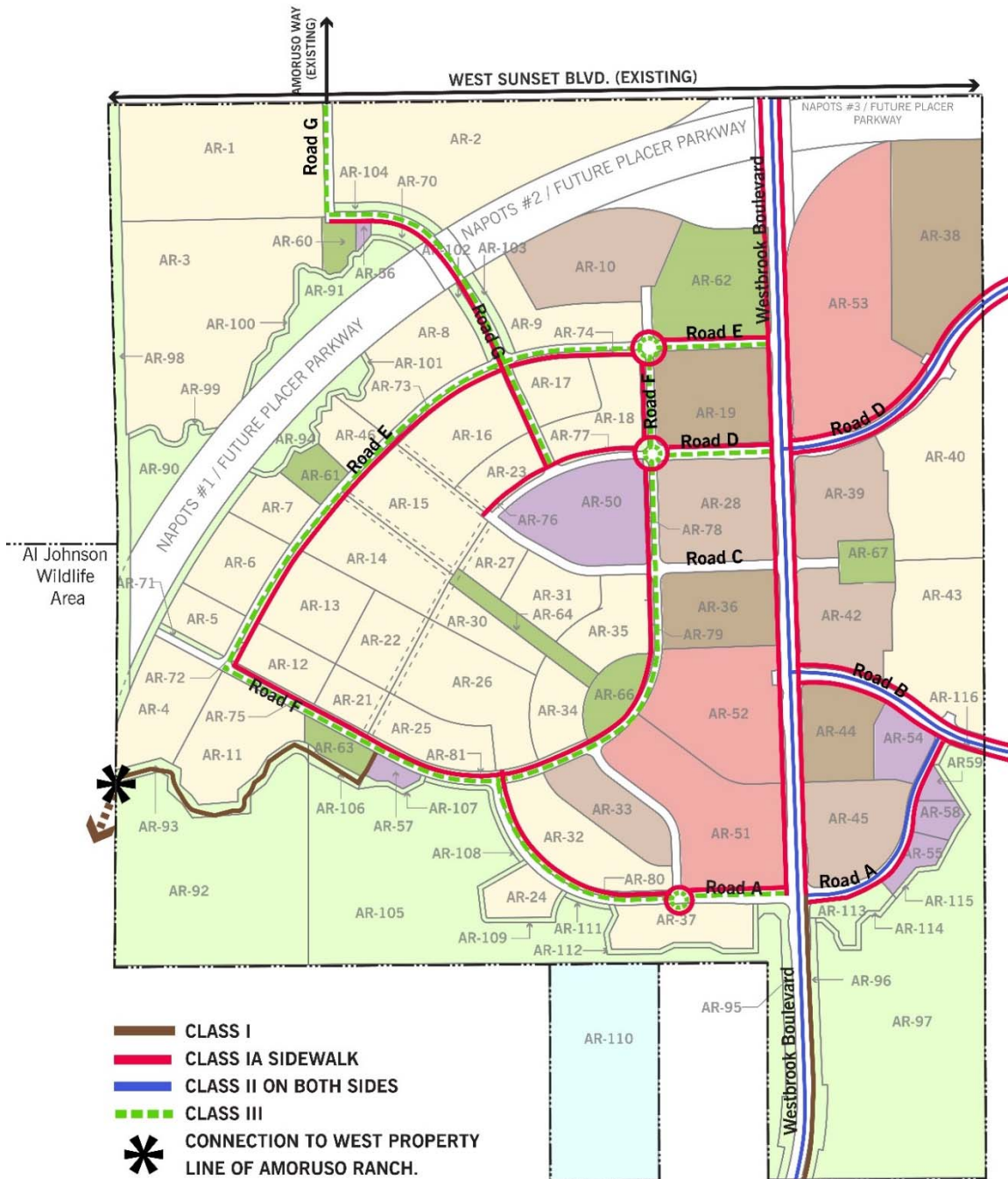


Figure 7.6 Bikeways (UPDATED 09/01/2019)

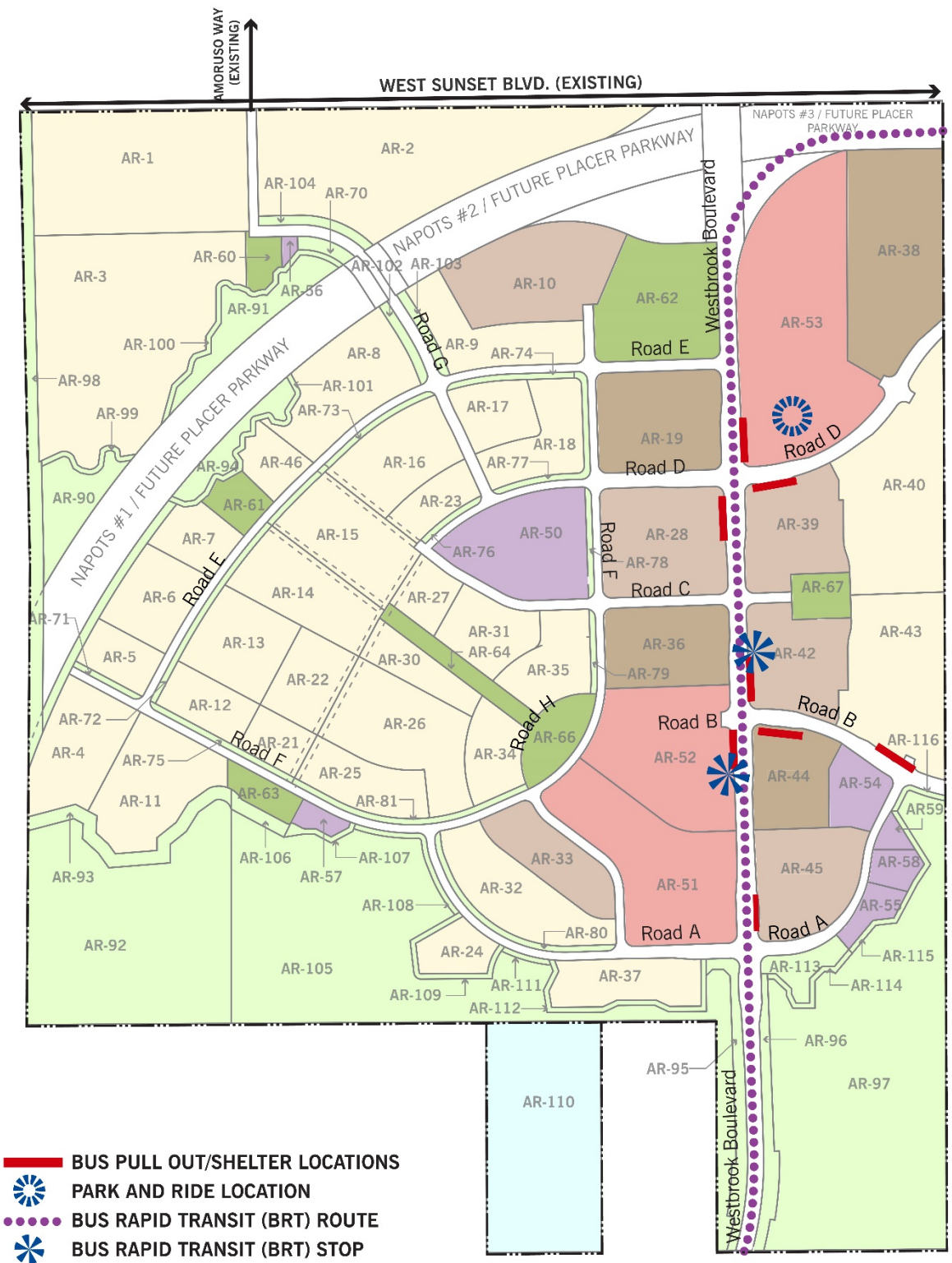


Figure 7.8: Transit Facilities (UPDATED 09/01/2019)

8.2 Fire and Emergency Services

The Roseville Fire Department will provide fire protection, suppression, emergency medical services and hazardous materials management to the Plan Area. A three-acre fire station site is located in the southeast portion of the Plan Area (Parcel AR-54). This station will provide first response within the Plan Area. Timing of construction and staffing of the fire station will be consistent with the Fire Department Standards of Response Coverage Study. Stations located outside the Plan Area will provide interim and secondary response determined by the fire department

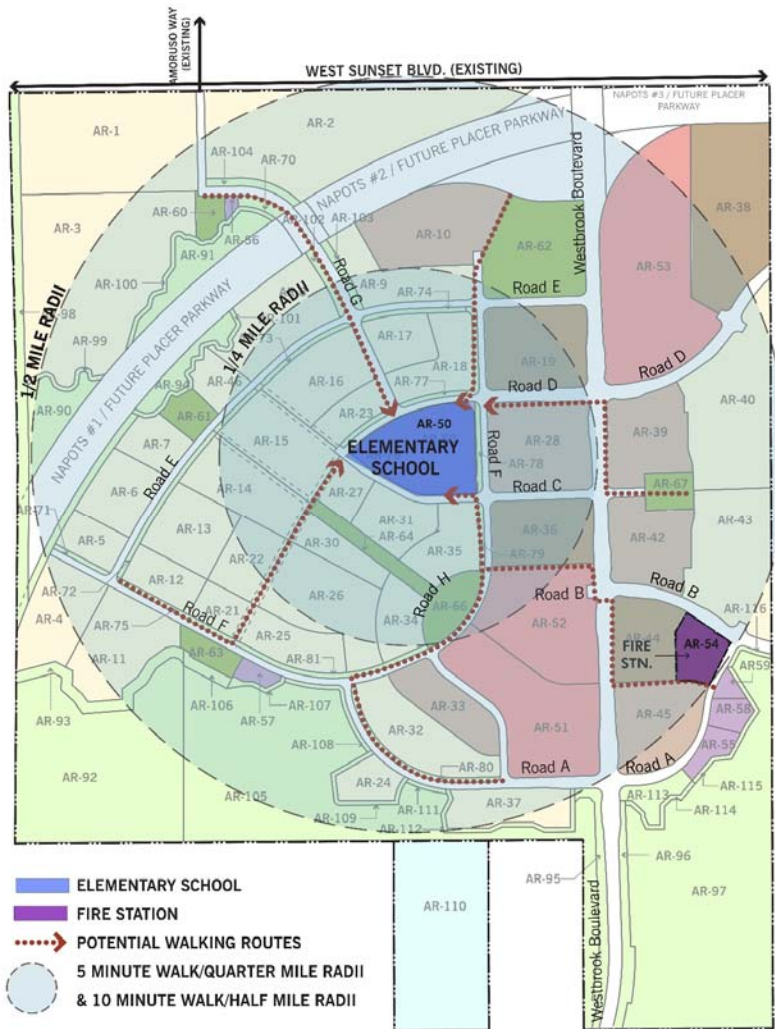


Figure 8.1: Public Facilities Map (UPDATED 09/01/2019)

Police Protection

The Roseville Police Department will serve the ARSP Area. The Police Department provides all operations and patrols out of its central station located on Junction Boulevard.

8.3 Schools

A. School Requirements

The ARSP Area is within the boundaries of the Roseville City School District (grades K-8) and Roseville Joint Union High School District (grades 9-12). The Plan Area will generate an estimated 745 elementary school students (K-5), 319 middle school students (6-8) and 485 high school students (9-12), as shown on Table 8.2. Location of the Elementary School site can be seen on the previous page in Figure 8.1; Public Facilities Map.

Table 8.2 Student Generation					
	<i>LDR/MDR Factor</i>	<i>HDR Factor</i>	<i>Students Generated</i>	<i>School Capacity</i>	<i>Schools Required</i>
Roseville City School District					
Grades K-5	0.365	0.073	745	800	0.930-0.91
Grades 6-8	0.158	0.028	319	1000	0.32-0.31
Roseville Joint Union High School District					
Grades 9-12	0.227	0.067	485	1800	0.27-0.26

B. School Facility Provided

The number of elementary school students generates the need for one elementary school in the ARSP area. One 9-acre elementary school (parcel AR-50) is planned in the Central District of the ARSP. The school is located south of Road D. It is anticipated the school will be a two-story urban school that supports the community character of an urban village. The location of the elementary school is central to most neighborhoods and thus a focal point for the community. Middle school and high school students will attend schools outside of the ARSP area, such as Cooley Middle School or Chilton Middle School. High School students will attend the Roseville Joint Union High School District (RJUHS) high school planned in the West Roseville Specific Plan (WRSP) area, on Hayden Parkway.

The elementary school site within the ARSP is reserved for the Roseville City School District. Facility planning and the sequencing of development of this site is to be determined by the District. The ARSP is required to enter into mutual benefit impact fee agreements and to fully mitigate school impacts in accordance with the ARSP Development Agreement and funding agreements with the applicable school districts.

8.4 Library

The City of Roseville operates a public library system that consists of three individual facilities. The City's original main library is located in the downtown Roseville area, a branch library facility is located in Maidu Regional Park and the Martha Riley Community Library is located at Mahany Park which provides services to the western portion of the City. Public Facilities Fees will be required to ensure the increase in population created by the ARSP meets the one library per 40,000 service population standard.

8.5 Parks & Recreation

The ARSP provides recreation facilities, parkland and open space areas that comply with the policies and requirements of the City's General Plan and Recreation Element.

A. City of Roseville Park and Recreation Requirements

The 2,827 dwelling units in the ARSP will generate an estimated population of 7,379 residents based on an average household size of 2.61 residents for conventional (not age-restricted) housing development. The City's General Plan requires the provision of nine acres of parkland per 1,000 residents comprised of three acres of city-wide park, three acres of neighborhood and community park, and three acres of credited open space. The City's policy of nine acres of parkland and open space per 1,000 residents requires a total of 66.42 acres of parkland and open space in the ARSP. This parkland dedication requirement is detailed in Table 8.3.

Table 8.3
Parkland Dedication Requirements

<i>Type of Park/Open Space Required</i>	<i>General Plan Standard</i>	<i>Acreage Required</i>
City-wide Park	3 acres per 1,000 residents	22.14 acres
Neighborhood/ Community Park	3 acres per 1,000 residents	22.14 acres
Open Space	3 acres per 1,000 residents	22.14 acres
Total Parkland	9 acres per 1,000 residents	66.42 acres

B. Credited Parkland and Open Space

The ARSP designates a total of ~~167.66~~177.07 acres of park and open space uses. This includes 22.14 acres of active neighborhood parkland, ~~134.81~~144.19 acres of open space uses and ~~10.74~~acres-74 acres of streetside paseos. Each acre set aside for active park use is credited as a full acre towards meeting the General Plan park dedication requirement. Depending on the ultimate use, recreational value, or application of ARSP open space parcels, full or partial credit may be granted for open space land containing informal recreational facilities, open space amenities or natural features. Parkland credits for park and open space parcels are outlined in Table 8.4. The credits applied are reflective of each parcel's recreational value as a park or open space amenity.

Table 8.4
Summary of Park and Open Space Land Credits

<i>Parcel</i>	<i>Type</i>	<i>Acreage</i>	<i>Credit Ratio</i>	<i>Credited Acreage</i>
City-wide Parks	City-wide Park	0 acres	1:1	0 acres
	<i>Subtotal</i>	0 acres		0 acres
Neighborhood/ Community Park	AR-60	1.28 acres	1:1	1.28 acres
	AR-61	1.87 acres	1:1	1.87 acres
	AR-62	10.11 acres	1:1	10.11 acres
	AR-63	1.72 acres	1:1	1.72 acres
	AR-64	2.12 acres	1:1	2.12 acres
	AR-66	3.04 acres	1:1	3.04 acres
	AR-67	2.00 acres	1:1	2.00 acres
	<i>Subtotal</i>	22.14 acres		22.14 acres
Open Space	Open Space	134.81 <u>144.19</u>	1:1	134.81 <u>144.19</u>
	Paseos	10.74 <u>10.74</u>	-	-
TOTAL		167.66 177.07 ACRES		156.95 166.33 ACRES

As shown on Table 8.4, the ARSP satisfies the City's open space and neighborhood parkland dedication requirements. The Citywide parkland dedication requirement will be satisfied using the City's park in-lieu fee, pursuant to General Plan policy and the In-Lieu Park Fee Ordinance.

In addition to park and open space areas, the ARSP includes a comprehensive system of paseos. Paseos are landscaped features with walkways and bike paths in an enhanced pedestrian environment. The ARSP includes adequate open space to meet the General Plan open space parkland requirement. Paseos are described in Chapter 7, Circulation and in the ARSP Design Guidelines (Appendix B).

C. Open Space

The ARSP contains four types of open space totaling approximately ~~146~~ 155 acres. These types include open space preserve (~~109~~ 98 acres), general open space – avoided area (10 acres), transition zone open space (~~27~~ 25 acres), and paseos (11 acres).

Each type of open space has been designed to accommodate specific functions and activities, from very limited use to active recreation and infrastructure. The on-site **open space Preserve** will be permanently preserved to protect Waters of the U.S. and habitat for federally listed species. This protection will be provided by either a declaration of covenants and restrictions and/or a conservation easement to restrict access and activities within the preserve. The area would be managed in accordance with the City's Open Space Preserve Overarching Management Plan (OSPOMP). **General open space – avoided area** also contains Waters of the U.S. and species habitat. While these areas will be avoided by the Project development, they may be impacted by the future Placer Parkway and therefore are not currently proposed for protection by a deed restriction and/or conservation easement. The ultimate management strategy for the General open space – avoided areas will be determined during future Placer Parkway project federal permitting process. During the interim period the avoided area would be managed as General Open Space in accordance with the City's OSPOMP. **Transition Zone open space** consists of the parcels that border the open space Preserve and General open space – avoided areas. These parcels provide a buffer to the Preserve open space and will be utilized for activities such as slope grading, outfall/stormwater structures, bike trails, weed abatement activities, open space maintenance, and health and safety vehicle access. The Transition zone open space area will not be protected by conservation easement and all wetlands within this area will be permitted for fill. Examples of typical infrastructure elements within Transition Zone open space areas can be found in Figure 6.3 and 6.4 with additional details contained Appendix A, Development Standards. **Paseos** are linear parcels of open space that provide pedestrian trails and green space within development areas. Paseos will not be protected by conservation easement and all wetlands within this area will be permitted for direct fill (note: a list of the parcels in each open space type is provided in Table 6.1).

The southern open space is planned for permanent preservation as open space Preserve. This includes open space Preserve parcels 92, ~~AR-105-97~~ and ~~AR-97-105~~ which are separated by the Westbrook Boulevard corridor, including the roadway and landscape corridor (which include AR-95 and 96). The southern open space Preserve will contribute to a much larger regional open space area when combined with open space at the Al Johnson Wildlife Area, open space parcels preserved within the Creekview Specific Plan (CSP) and West Roseville Specific Plan (WRSP). Management of open space preserve areas is discussed in Chapter 6, Resource Management.

D. Park and Open Space Concept Plans

The ARSP park and open space system is designed to provide linkages and recreational opportunities within proximity to all residents and employees. Park designs include reduced turf areas as water conservation considerations focus on active recreational uses. Park designs will increase the use of water conserving landscapes, utilize recycled water for irrigation and include water efficient irrigation systems and controls.

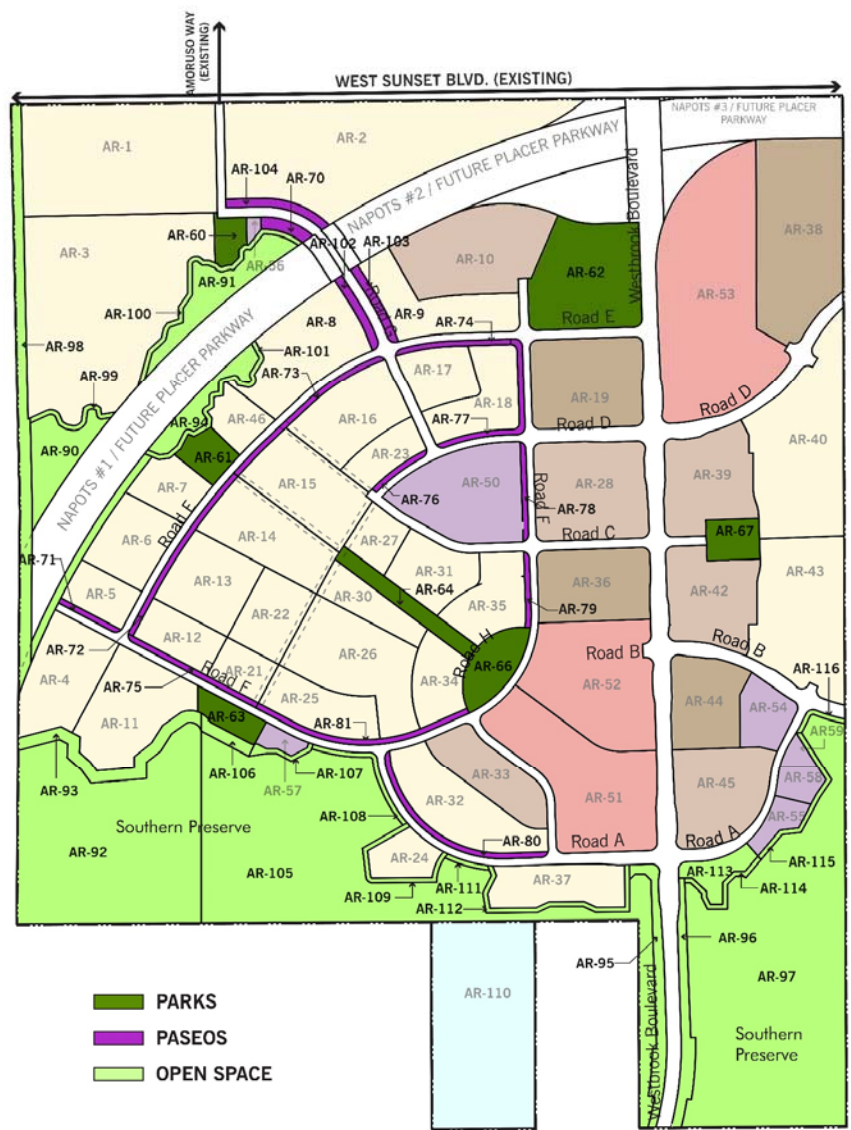


Figure 8.2: Park and Open Space Distribution Map (UPDATED 09/01/2019)

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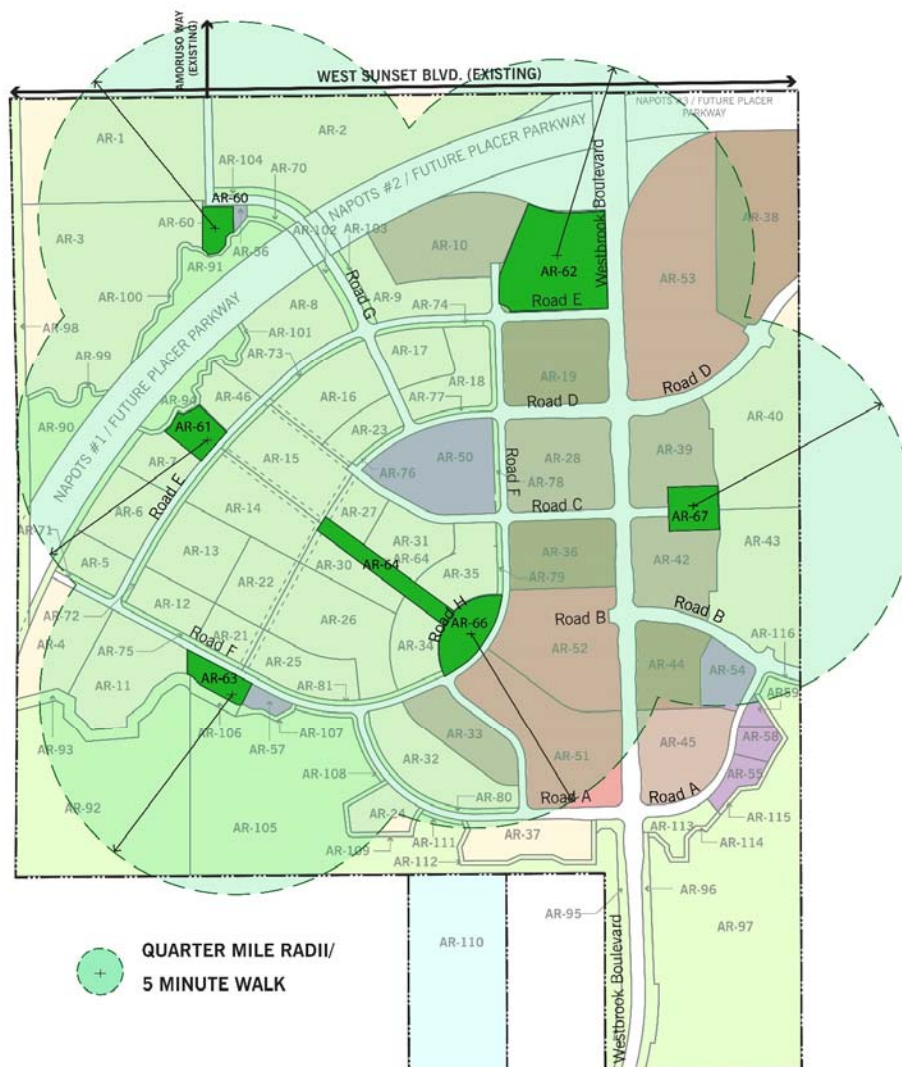


Figure 8.3: Walking Distances to Parks (UPDATED 09/01/2019)

AR-60:

The park is located in the northwest area of the community. This area is characterized by large lot homes with ample yards for daily family recreation. For this reason, the park is envisioned as a simple, passive park with a few small active spaces for children's play. Landscape is characterized by grasses and native plants. The large play area in the middle with grassy mounds add interest to the park and to create more opportunities for interpretive play.

The edge of the park borders one of the designated open spaces of Amoruso Ranch, similar to the AR-63. Against this edge there is opportunity for educational interpretive signage and quiet seating areas to enjoy the outdoors.

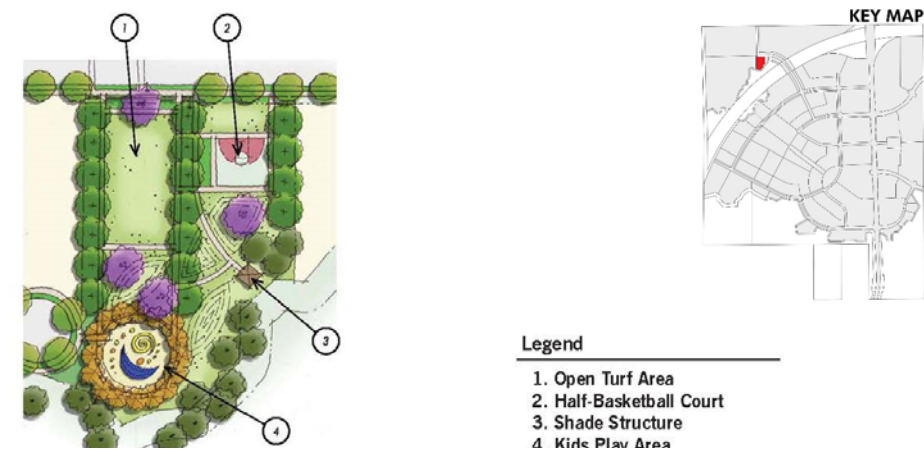


Figure 8.4: AR-60 Conceptual Plan. [\(UPDATED 09/01/2019\)](#)
Final designs will be developed prior to construction and will consider recreational trends and available budget for both development and maintenance. Curb adjacent sidewalks maybe constructed, at the direction of the Parks Department, along neighborhood park frontage.

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PUBLIC SERVICES PLAN

AR-61:

This park is located at the western edge of the community. It will serve as the local social gathering space for this neighborhood.

The park is divided into three distinct spaces. The front portion of the park is split into a small children's play area. The children's play area would contain a shade structure along with some picnic tables and benches for seating. The landscape area could include a low water use planting. Along the back portion of the park is a large open turf area that can be used for informal play or picnicking.

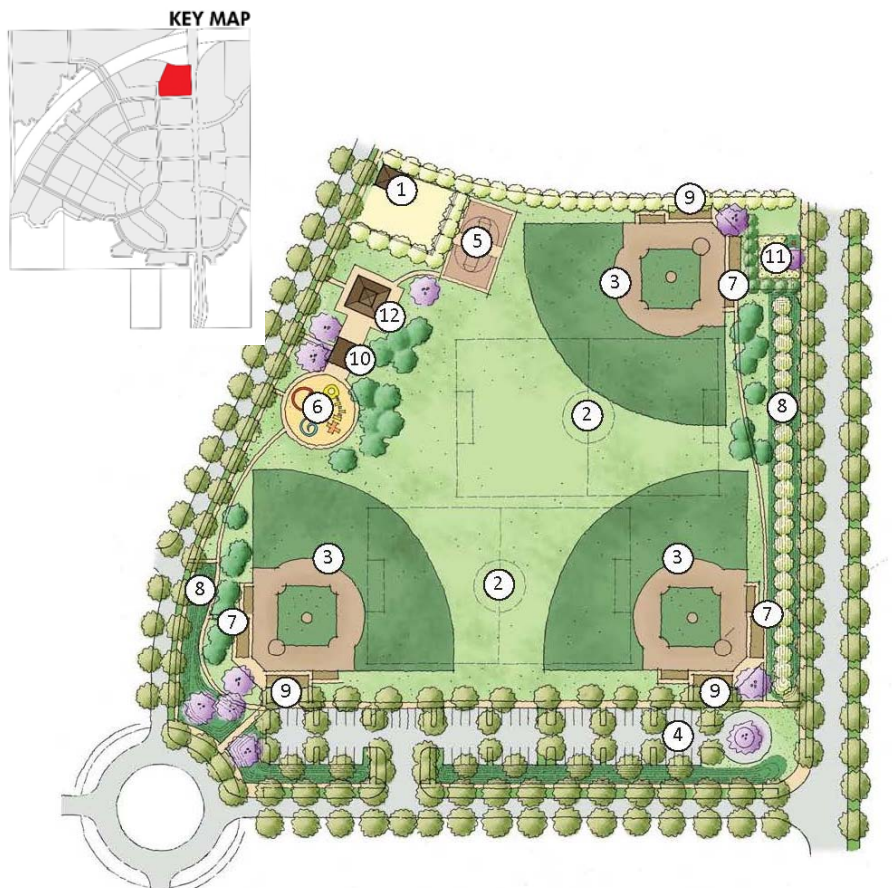


Figure 8.5: AR-61 Conceptual Plan. [\(UPDATED 09/01/2019\)](#)

Final designs will be developed prior to construction and will consider recreational trends and available budget for both development and maintenance. Curb adjacent sidewalks maybe constructed, at the direction of the Parks Department, along neighborhood park frontage.

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PUBLIC SERVICES PLAN



Legend

- | | |
|--------------------------------|-------------------------------------|
| 1. Maintenance Yard Storage | 7. Team Benches |
| 2. Soccer Field (Adult Size) | 8. Berm along Street |
| 3. Baseball Fields | 9. Bleachers |
| 4. Parking | 10. Shade Structure |
| 5. Half Court Basketball Court | 11. Community Announcement Monument |
| 6. Playground | 12. Snack Bar/Restroom |

Figure 8.6: AR -62 Conceptual Plan. [\(UPDATED 09/01/2019\)](#)

Final designs will be developed prior to construction and will consider recreational trends and available budget for both development and maintenance. Curb adjacent sidewalks maybe constructed, at the direction of the Parks Department, along neighborhood park frontage.

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Figure 8.7: AR-63 Conceptual Plan [\(UPDATED 09/01/2019\)](#)
 Final designs will be developed prior to construction and will consider recreational trends and available budget for both development and maintenance. Curb adjacent sidewalks maybe constructed, at the direction of the Parks Department, along neighborhood park frontage.

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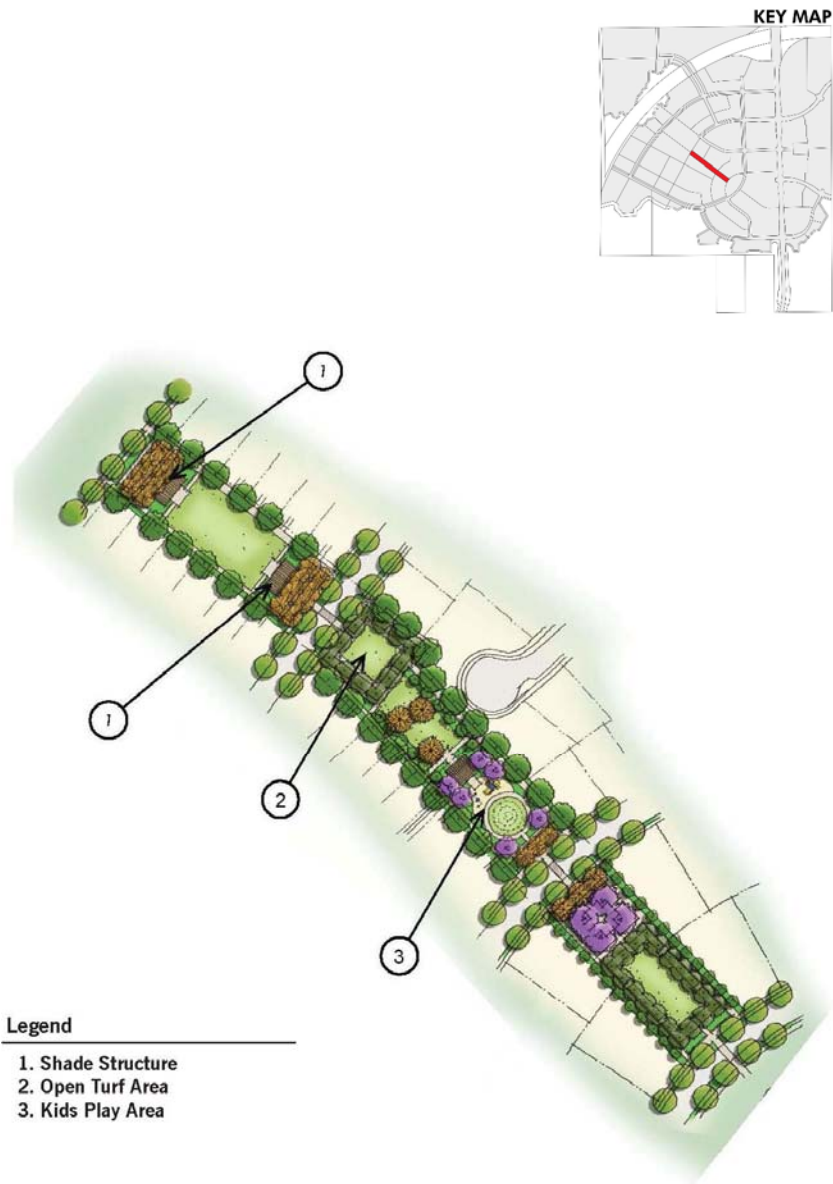


Figure 8.9: AR-64 Conceptual Plan [\(UPDATED 09/01/2019\)](#)
Final designs will be developed prior to construction and will consider recreational trends and available budget for both development and maintenance. Curb adjacent sidewalks maybe constructed, at the direction of the Parks Department, along neighborhood park frontage.



Figure 8.10: AR-66 Conceptual Plan. (UPDATED 09/01/2019).

Final designs will be developed prior to construction and will consider recreational trends and available budget for both development and maintenance. Curb adjacent sidewalks maybe constructed, at the direction of the Parks Department, along neighborhood park frontage.

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AR-67:

The Park is located on the eastern edge of the community and mainly serves the neighborhoods east of Westbrook Boulevard. The park is separated into two areas by a long, promenade style walk under an alley of trees linking the two ends of the park.

The west portion of the park contains a tot lot with shaded seating, benches and picnic tables. The east portion of the park contains an open lawn area that could contain a tot lot and can be used for passive play or as a place to picnic, or throw frisbees.



Legend

- 1. Open Turf Area
- 2. Kids Play Area

Figure 8.11: AR-67 Conceptual Plan. **(UPDATED 09/01/2019)**. Final designs will be developed prior to construction and will consider recreational trends and available budget for both development and maintenance. Curb adjacent sidewalks maybe constructed, at the direction of the Parks Department, along neighborhood park frontage.

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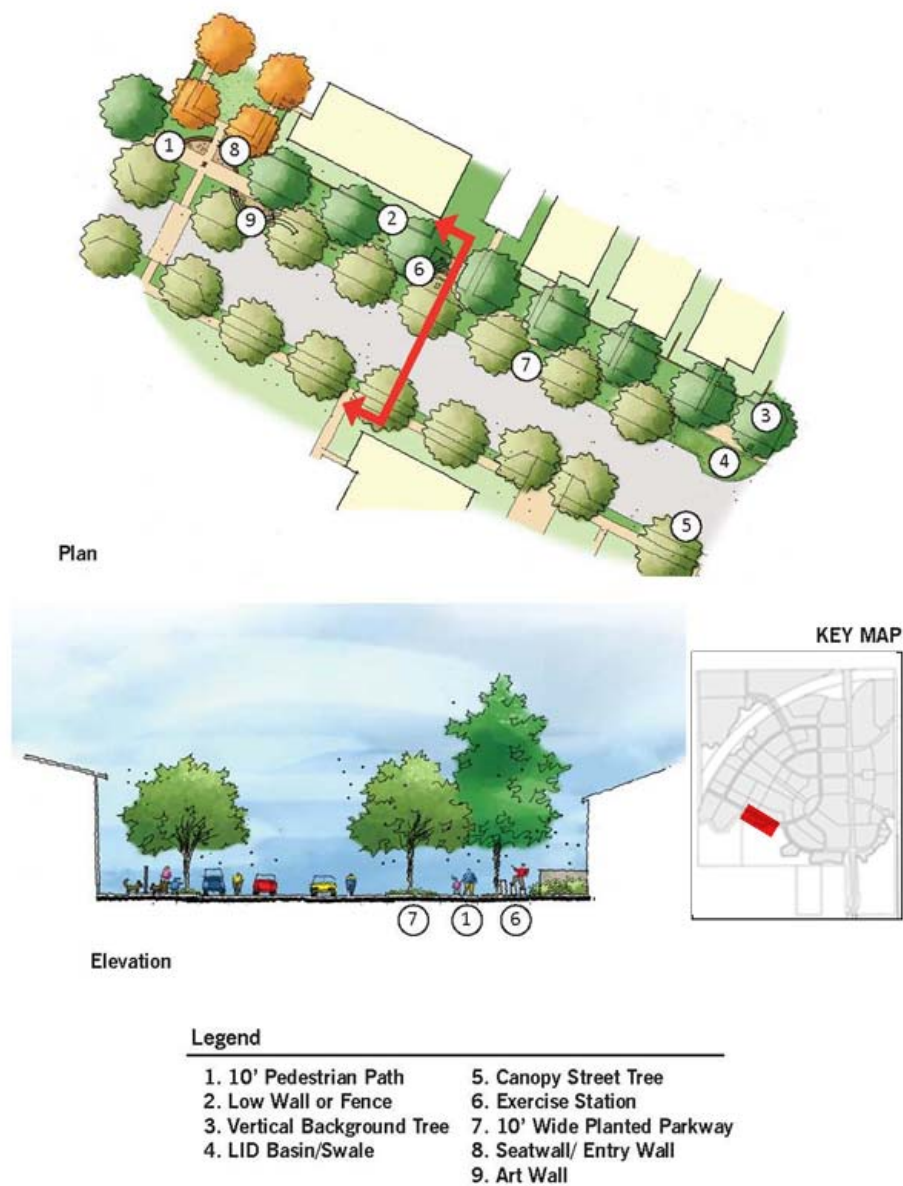


Figure 8.13: Streetside Paseo (UPDATED 09/01/2019)

9.1 Potable Water

The City of Roseville will provide potable water service (supply through wholesale water from the Placer County Water Agency (PCWA), and treatment, and conveyance to the ARSP. Water will be delivered to the site via the City's existing backbone system through the Creekview Specific Plan (CSP) along Westbrook Boulevard.

A. Water Supply and Demand

The water demand for the ARSP is approximately 1,503 acre-feet per year (AFY). With full implementation of water conservation measures described in Section B, below, the ARSP's overall water demand will be reduced by approximately 165 AFY. Water demand, after conservation measures, will be satisfied with a combination of potable and non-potable (recycled) water sources. Non-potable (recycled) water will be utilized for irrigation purposes with a semi-aggressive approach in both wet and dry years. Section 9.2 of this document discusses the proposed recycled water system and recycled water use plans in more detail. To supplement water supply ~~during "dry" years and potentially augment supply in other emergency scenarios,~~ the ARSP includes provisions for one onsite aquifer storage and recovery (ASR) groundwater well on Parcel AR-5558. The well will be capable of providing a minimum total supply capacity of 1,800 gallons per minute (gpm).

B. Water Conservation Measures

The ARSP includes significant water-saving measures aimed at reducing overall water demands for potable and recycled water to the extent feasible. The following water conservation measures will be implemented in the ARSP in an effort to meet the City's water conservation goal:

Turf Reductions in Residential Areas

This measure involves limiting the amount of turf in the front yards of residential properties and using a higher percentage of low water use plant species in lieu of turf. Typically, about 75% of a total residential front yard is assumed to consist of landscaping, with the balance consisting of driveways, planters, or walkways. For the ARSP, limitations will be placed on the landscaped portion of each front yard, allowing up to 42% of the total landscaped area to be turf (instead of the typical 75%), with the remaining landscaped area comprised of low water use plant species. For the Roseville area, low water use plantings on average use approximately 65-75% less water than used on a typical turf lawn.

Turf Reductions in Non-Residential Areas (Parks, Paseos, and Landscape Corridors)

This measure involves limiting the use of turf on non-residential parcels, with a focus on water efficiencies at parks, paseos, and landscape corridors. For these areas, landscape design will reduce the area of turf and increase the area of low water use plant species. To achieve the desired water conservation, the following criteria will be implemented:

- **Parks.** It is assumed approximately 80% of a typical park's square footage consists of turf. The ARSP parks will have a maximum aggregate turf area of 60%, with the remaining 20% area comprised of low water use plant species. Less than 60% turf is acceptable provided it is compatible with the amenities planned for the park.
- **Paseos and Landscape Corridors.** It is assumed paseos and landscape corridors are typically comprised of 80% turf area. The ARSP paseos and landscape corridors will have a maximum of 60% turf area, with the remaining 20% of the area comprised of low water use plant species.

Smart Irrigation Controllers

Smart and centrally located irrigation controllers restrict irrigation to times and rates necessary to maintain landscaping. They account for changes in the demand for water, which varies with weather patterns and seasonal influences. In the ARSP, smart irrigation controllers will be required for residential, commercial, and quasi-public parcels subject to turf reduction measures, and centrally controlled irrigation controllers for larger commercial and publicly maintained parcels. It is anticipated that these controllers could result in approximately 20% total irrigation water demand reduction.

Re-circulating Hot Water Systems

Re-circulating hot water systems feature a pump on a residential hot water line system which reduces time necessary to receive hot water at any hot water faucet. This type of system will be included on all residential units to generate additional water conservation. It is anticipated that these systems could result in approximately 1.5% total potable water demand reduction.

With full implementation of the water conservation measures outlined above and the recycled water system, as described in Section 9.2, the ARSP will reduce the potable water demand by approximately 437 AFY, resulting in a total potable water demand of approximately 1066 AFY.

C. Water Transmission System

Water will be supplied to the ARSP area via a 24-inch main line extended from the south property line from the proposed CSP area. Within the ARSP, water will be distributed through an infrastructure system that parallels the collector and arterial roadway systems. The transmission and distribution system will consist of 6-inch to 24-inch diameter mains. Connections with neighboring proposed and existing neighborhoods and specific plans will be provided at the south terminations of Westbrook Boulevard, and the eastern terminations of Road "B" and Road "D". All water improvements will be constructed to the City's standards using a phased approach.

Figure 9-1 also depicts the overall backbone water distribution system and points of connection. Additionally, the ARSP ~~will include~~ provision for a groundwater well, ~~which will help augment the City of Roseville supply during dry years and emergency system demands.~~ The water distribution infrastructure will be designed to the City's standards and constructed and installed over time to coincide with development entitlements, and would be designed to accommodate buildout of the ARSP.

Details regarding the water facilities are contained in the ARSP Water Master Plan and the ARSP Environmental Impact Report (EIR) on file with the City.

UTILITIES PLAN

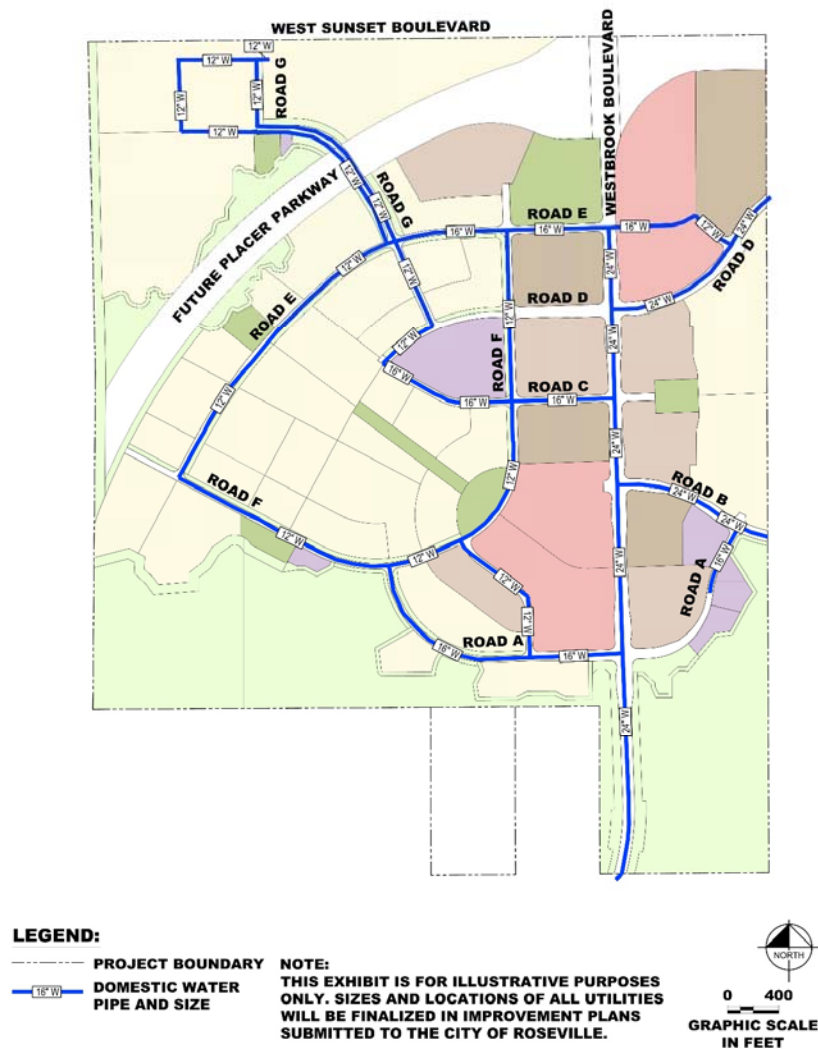


Figure 9.1: Water Distribution System & Facility Locations (UPDATED 09/11/01/2019)

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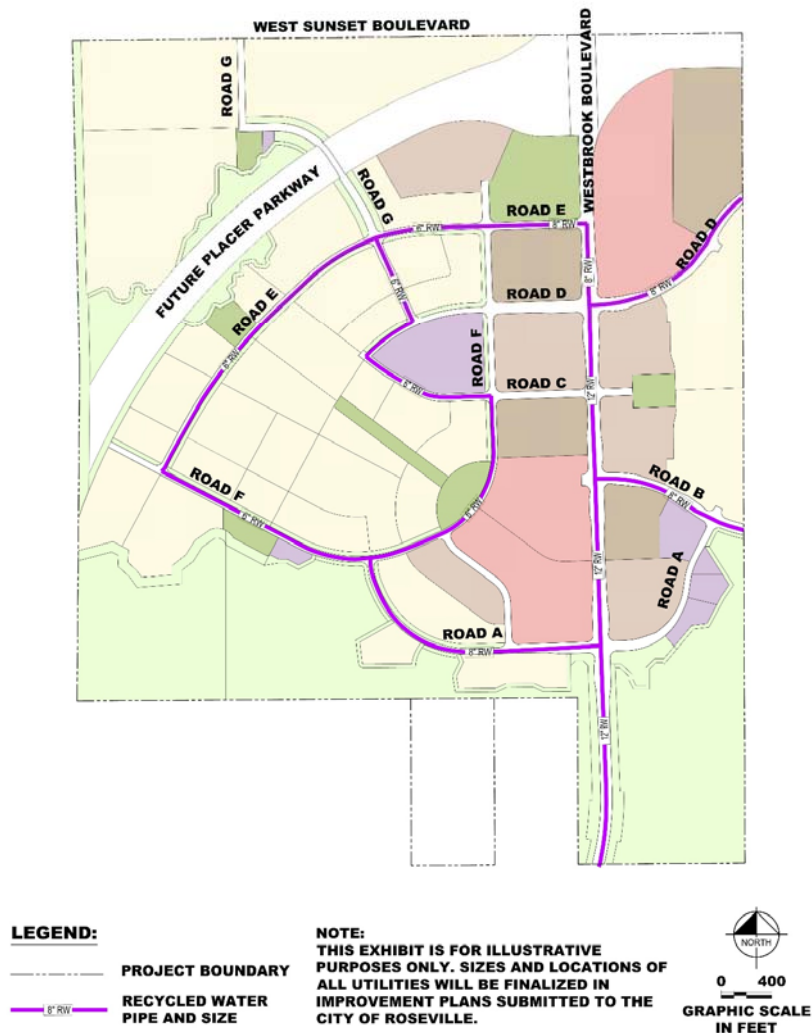


Figure 9.2: Recycled Water Distribution System & Facility Locations (UPDATED 09/01/2019)

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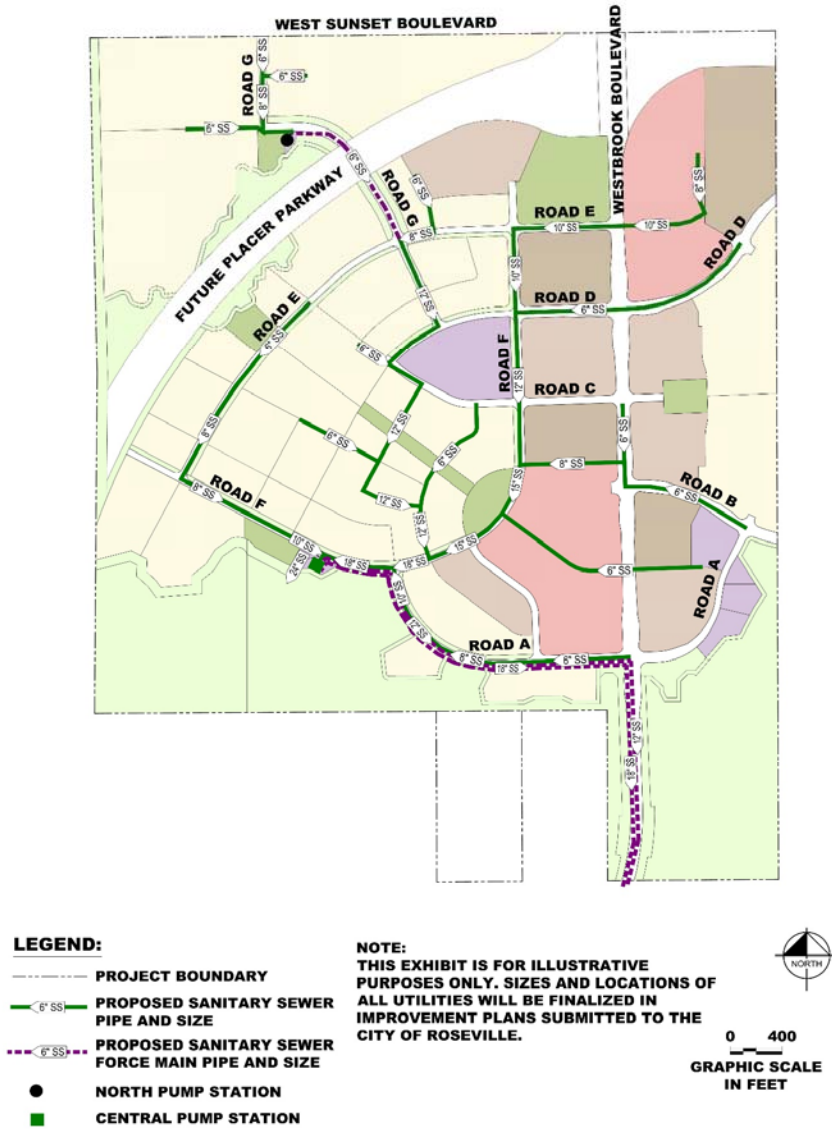


Figure 9.3: Sanitary Sewer Distribution System & Facility Locations (UPDATED 09/01/2019)

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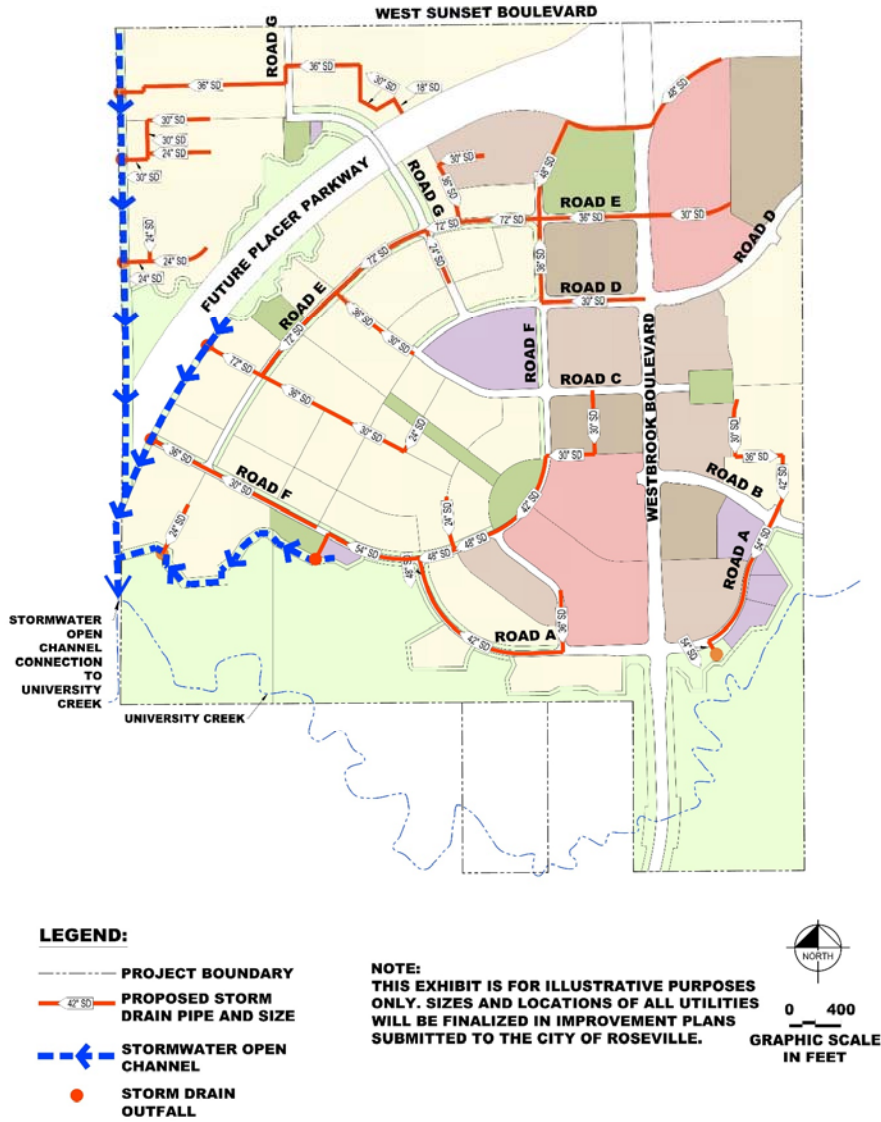


Figure 9.4: Storm Drainage System & Facility Locations (UPDATED 09/01/2019)

element adds to the treatment train and consists of final treatment elements such as grass treatment swales.

Special consideration will be taken to capture, convey and release the urban stormwater to the creek system. The treatment and conveyance of storm runoff in and through the open spaces will be made part of the Corp of Engineers 404 permitting process. Standard practices include the use of headwall structures, directly at the outfall location, to stabilize and protect the outlet pipe, surrounding topography and aid in velocity attenuation while minimizing future maintenance costs.

A conveyance “grassy swale” consistent with the City’s Open Space Preserve Overarching Management Plan (OSPOMP) which directs stormwater from the pipe outlets to receiving waters while avoiding sensitive habitat will be used at each outfall. Depending on the size of and frequency of particular storm events, and the actual drainage area being conveyed, the conveyance swales will be armored with geosynthetics to minimize the potential for future erosion and rilling of the open space. Soft-armoring will provide opportunities to create grassy swales and additional wetland habitat to aide in stormwater filtration and infiltration. Based on the LIDs planned, the need for additional filtration units is not anticipated. However, additional structural BMPs can be added to the treatment train and end of pipe treatment if needed. These may include such devices as:

- Installation of “fossil filter” or equivalent petroleum absorbing insert assemblies in the project drop inlets;
- Trash screen vaults; or
- Other structural BMPs as approved by the City.

The final selection of BMPs will consider requirements specific to the Pleasant Grove Creek watershed and proposed development flows. Other BMPs will involve prompt re-vegetation of disturbed areas and proper erosion protection per the NPDES permit during construction.

9.6 Dry Utilities

Electric, natural gas and telecommunications facilities will be extended in joint trenches and made available to all parcels in the ARSP. This will be accomplished by placing the joint trenches in public utility easements (PUEs) or road rights-of-way when appropriate as depicted in the Circulation Plan – Chapter 7. Reduced PUE’s may go through the Design Review for Residential Subdivision (DRRS) during small lot tentative map process and be approved by the City so that homes with front porches close to the sidewalk are encouraged in a Plan Area.

A. Electric Service

Roseville Electric, the City’s electric utility, will provide electric service to the ARSP. Roseville Electric operates the Roseville Energy Park (REP), a 160-megawatt natural gas-fired, electric power plant, which uses state-of-the-art equipment to locally generate approximately half of the City’s electricity needs. The Roseville Energy Park is located south of the ARSP. Additional electricity resources needed to serve the ARSP, including state and federal mandated renewable electricity resources, will be purchased from outside sources or generated by new Roseville-owned generating facilities. As required by state regulations, Roseville will use energy efficiency programs and initiatives to meet electricity demand, before acquiring new electricity sources.

Electric Energy Efficiency and Conservation

The ARSP includes implementation of cost-effective energy efficiency, load management, and renewable energy programs to meet electricity demand, before new electricity sources are acquired.

Peak Electric Demand and Distribution

Peak electric demand for electrical service is estimated to be 21 mW per year at full build out. Currently, an electric substation is planned to be constructed within the Creekview Specific Plan Area. This substation is expected to be approximately 0.9 to 1.0 acres. ~~Easements will be dedicated along the east~~

UTILITIES PLAN

~~side of Westbrook Boulevard, south of Road "A" and the south side of Road "B" east of Road "A" for a future 60 kilovolt (kV) overhead line extension.~~

Underground electrical distribution will be extended to the ARSP area through a 12 kV system to individual parcels in conjunction with roadway improvements or as phasing requirements dictate. Street lighting, signal power and other ancillary power facilities will be provided along all public street frontages as part of the overall roadway frontage improvements. All electric and street light facilities will be constructed to the City's standards at the time of construction.

B. Natural Gas

Pacific Gas & Electric Company (PG&E) will provide natural gas upon request and in accordance with the rules and tariffs of the California Public Utilities Commission. PG&E's long-range plans provide for availability of gas service to accommodate increased demand. Service will be provided to the ARSP through extensions planned by the CSP. Delivery of gas service to individual projects in the ARSP will be reviewed by PG&E at the time of proposal.

C. Communication

The ARSP is within the service areas of AT&T, Comcast, and Wave Broadband. Together, these providers offer both voice and data communication services. Distribution lines to individual parcels will be extended from existing infrastructure adjacent to the ARSP in accordance with the infrastructure Phasing Plan for dry utilities. The providers will review delivery of telephone, cable television, and high-speed data line services to individual projects in the ARSP at the time of proposal.

D. Locations of Above Ground Utility Structures

As an Urban Village, development within the Plan Area will be more integrated without the separations created by subdivision walls. This makes coordination between buildings, landscaping, and the necessary infrastructure components even more critical. As the design framework and guidelines are established by this Specific Plan, guidelines for locations of above ground utility structures are also established. Refer to Section 11.17 for guidelines related to siting and screening of above grade structures.

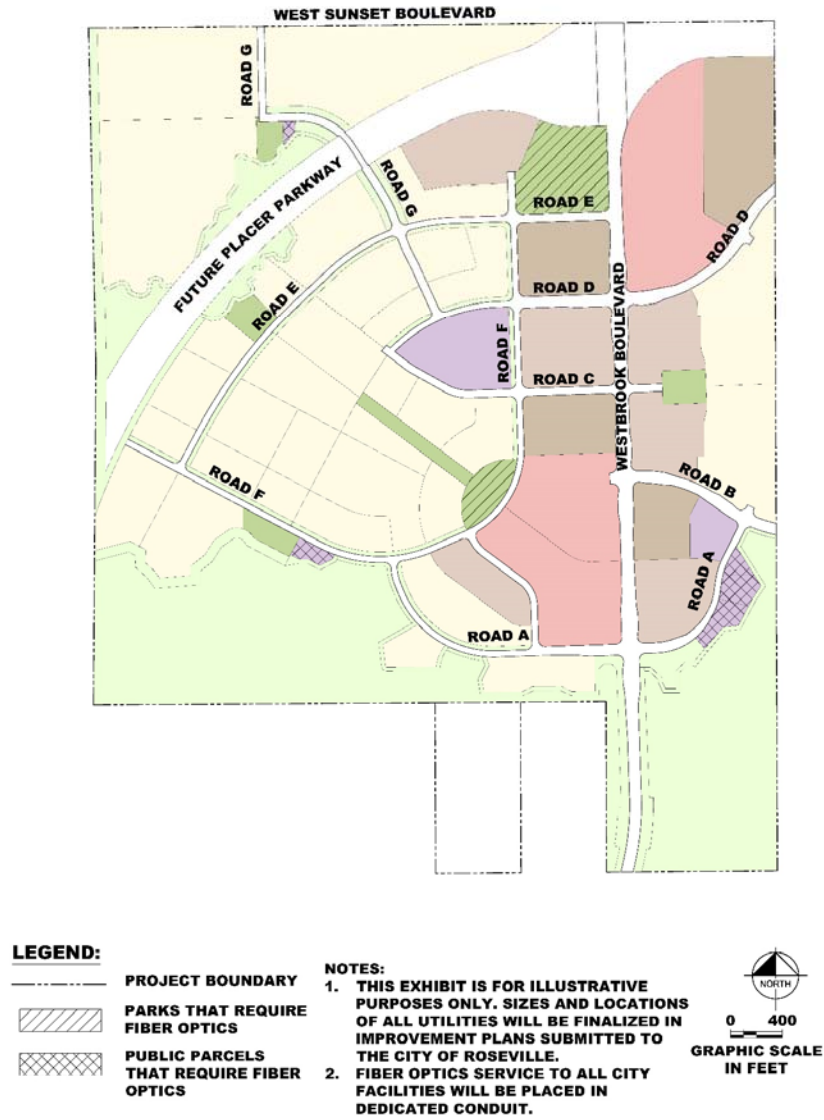


Figure 9.5: Dry Utilities Locations (UPDATED 09/01/2019)

10.3 Phasing Plan for Public Facilities

The ARSP provides for a comprehensively planned infrastructure system with coordinated phasing and construction of facilities. Three infrastructure construction phases (Phases 1, 2, and 3) are anticipated as the ARSP builds out. The conceptual geographic boundaries of each phase are reflected on Figure 10.1, with anticipated residential unit and land use allocations by phase summarized in Table 10.1.

In general, the phasing plan has been structured to ensure that the improvements in each phase can support its respective development in compliance with City policies and standards, and that the development in each phase can support the costs of the required improvements.

Infrastructure phases identified in the phasing plan may be modified at the discretion of the Developer, in consultation with all affected City departments, subject to their approval and to criteria established in the Development Agreements for the project.

The infrastructure requirements for each phase of development include all on-site backbone infrastructure and off-site facilities necessary for the build out of each phase. These include roadways, sewer, water, recycled water, storm drainage, dry utility, paseos, schools, parks, and other facilities and improvements. All in-tract sewer, storm drain, water, dry utilities, and recycled water (if applicable) will be installed as part of local project improvements. Furthermore the Development Agreements will have further limits that trigger infrastructure phasing requirements, both on-site and offsite.

Table 10.1 Phasing Breakdown by Land Use Type								
LAND TYPE	PHASE 1		PHASE 2		PHASE 3*		TOTAL	
	Acreage	Units	Acreage	Units	Acreage	Units	Acreage	Units
LDR	143.90 4.47	13 98	32.79	209	72.08	245	248.77 .34	1302 1252
MDR	29.26	275	21.01	267	-	-	50.27	542
HDR	13.58	263	24.55	610	-	-	38.13	873
P/QP	7.33	-	9.62	-	0.28	-	17.23	-
P/R	10.75	-	10.11	-	1.28	-	22.14	-
OS	124.25 133.66	-	4.22	-	17.05	-	145.52 .93	-
CC	-	-	23.85	-	-	-	23.85	-
CC-VC	27.27	1091 59	-	-	-	-	27.27	1091 159
BACKBONE ROADS							52.04	0
URBAN RESERVE							20	1
NAPOTS (PLACER PARKWAY)							49.16	0
TOTAL	356.34	1495	126.15	1086	90.69	245	694.4	2827

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* Note: Phase 3 includes improvements to West Sunset Boulevard. West Sunset Boulevard improvements are not included in the acreage totals in the table above.

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IMPLEMENTATION & ADMINISTRATION

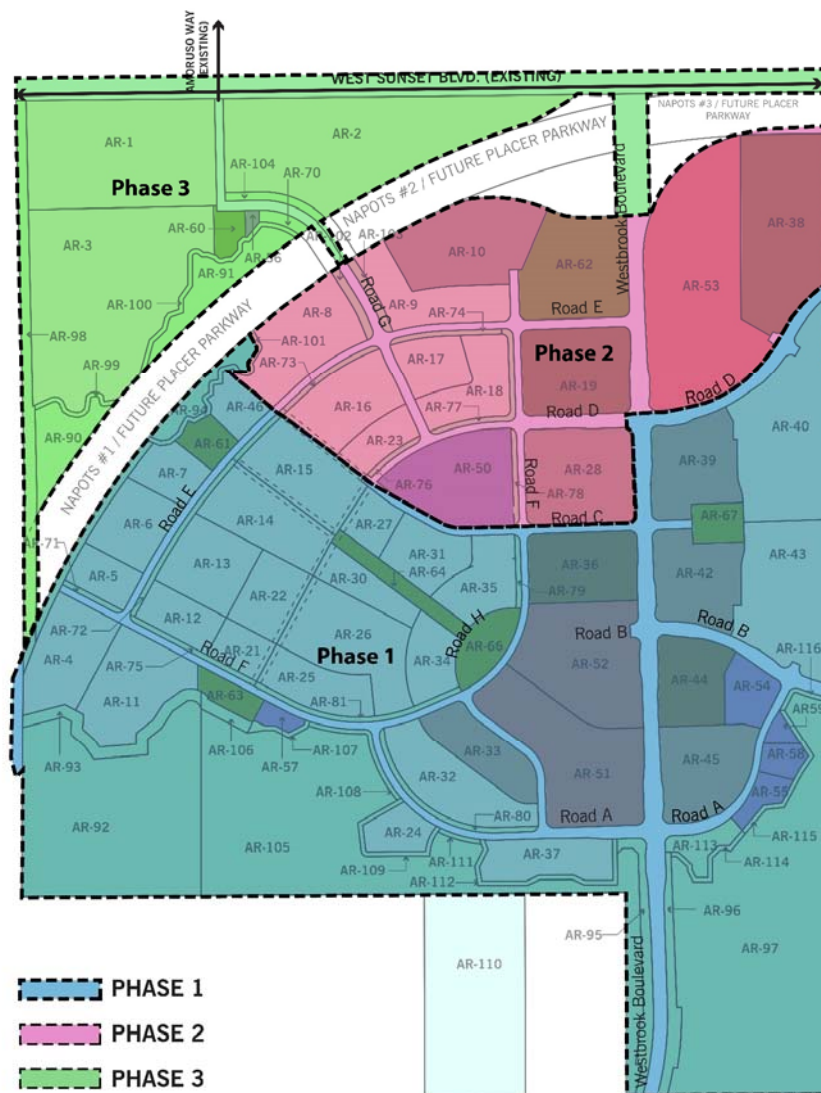


Figure 10.1: Phasing Plan (UPDATED 09/01/2019)

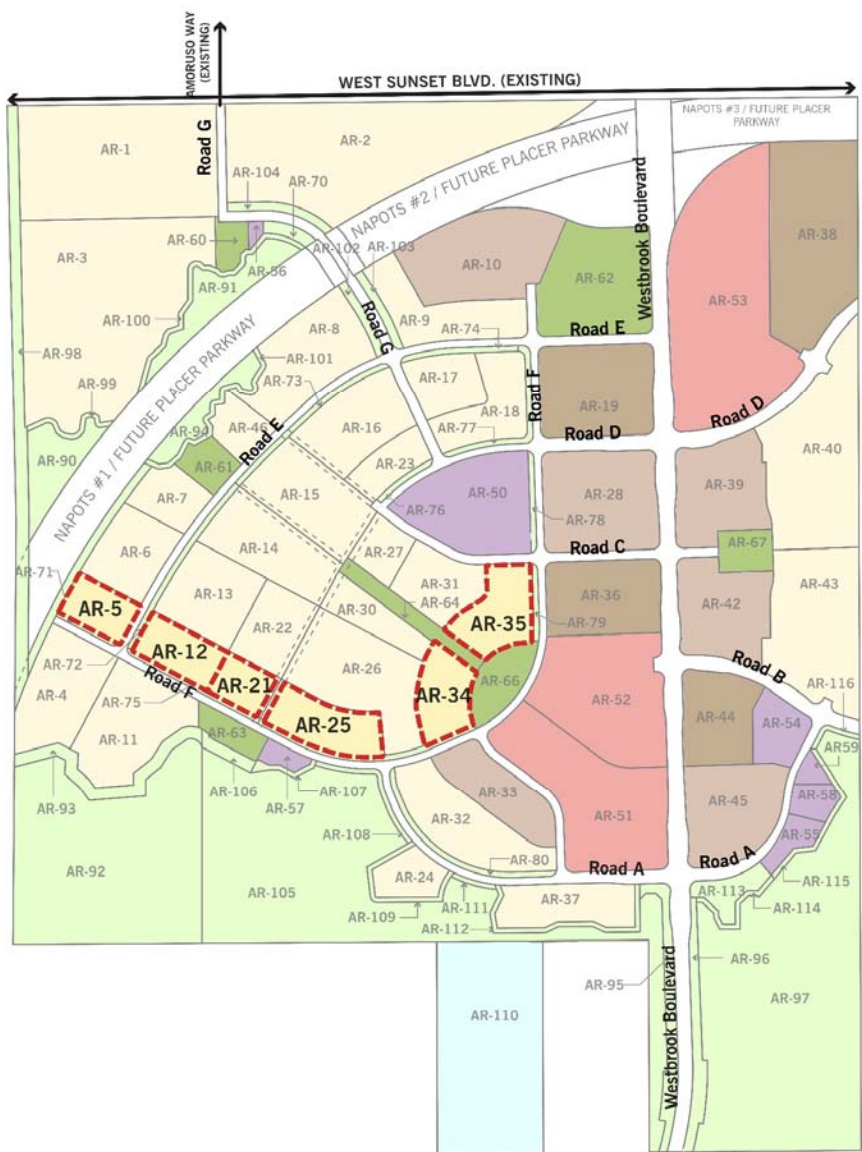


Figure A.1: Carriage Unit Opportunities (UPDATED 09/01/2019)

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Open Fencing Restrictions

~~Homes may side on, have cul-de-sac openings or single loaded streets. Not more than 50 percent of the open space may have homes backing onto it. homes are allowed to back on to open space. Further, fencing should remain visually open, even if backing on to open space to maintain views. The restriction applies to developments where homes back against large sections of open space that have trails and access opportunities for residents to take advantage of the open space. The parcels to which the restrictions apply are AR-1, AR-3, AR-4, AR-7, AR-5, AR-6, AR-7, AR-8, and AR-46. The 50% restriction is calculated for each individual AR parcel.~~

Further, fencing should remain visually open, even if backing on to open space to maintain views.

Open fences are intended to provide a visually transparent barrier at developed edges adjacent to open space parcel and include materials such as wrought iron and tubular steel. Depending on interface, open fencing may be used between open space areas and the rear and side property line of residential parcels along a street adjacent to open space, or along pedestrian pathways at the edges of open space parcels. Open fences may also be used to separate different functions within landscape corridors (for example, to restrict access of dirt bikes and motorized vehicles) and at other miscellaneous locations within the Plan Area. Open fencing is the preferred fencing type adjacent to open space where a single-loaded street is not located adjacent to open space. Within residential subdivisions abutting open space fencing shall visually open, even if backing onto open space to maintain views.

Figure A.2 illustrates the development parcels that are required to comply with the fencing regulations.



Open fencing

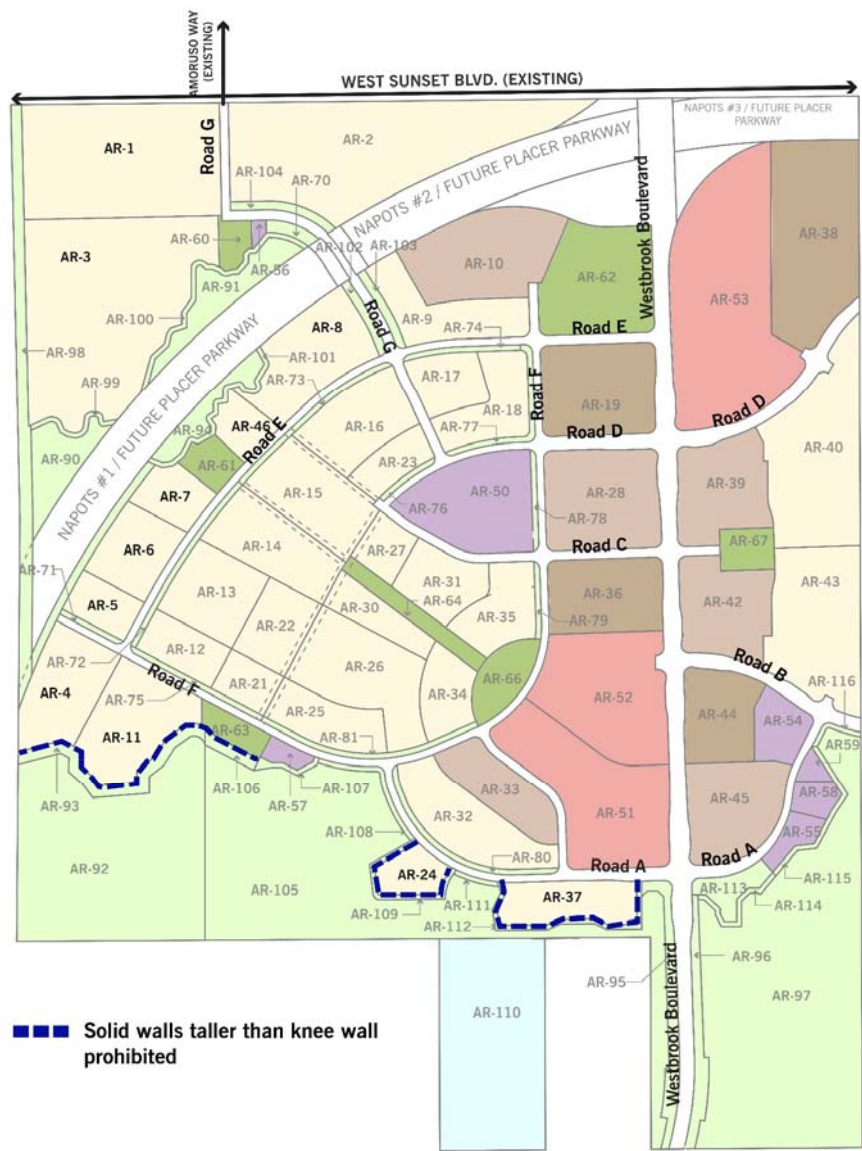


Figure A.2: Additional Fence Restrictions (UPDATED 11/01/ 2019)

DESIGN GUIDELINES

set forth in the following documents, which should be referenced in the design of all uses in the Plan Area:

- Roseville Municipal Code- Title 19 Zoning Ordinance
- City of Roseville Community Design Guidelines
- Roseville Sign Ordinance
- Roseville Municipal Code – Title 24 Water Efficient Landscape Ordinance
- Roseville Design and Construction Standards
- Roseville Subdivision Ordinance
- Stormwater Quality Design Manual

Modification to ARSP Guidelines

These Design Guidelines are intended to help direct the design of ARSP's community design elements. It is expected the Plan Area will build out over several years, and conditions may change. The City recognizes the need for flexibility in the implementation of these Guidelines and new conditions affecting the appropriateness of some of the Guidelines may arise. The Specific Plan provides for the administrative approval of minor modifications to these Design Guidelines in Section 10.6. For administrative approval of minor modifications, requested deviations must be determined to be consistent with the spirit and intent of the design guidelines as well as the City of Roseville Zoning Ordinance and Community Design Guidelines.

B.3 Community Form

While the ARSP allows for flexibility in the physical development of the community over time, there are two key elements that form the framework of the plan; Paseos and the park system they connect to. The streetside paseo loop links the central neighborhoods together and to various amenities in the Plan Area. Its intent is to provide a pedestrian/bicycle loop for easy off-street access between neighborhoods, the school and the Village District.



Figure B.1: Streetside Paseo Loop (UPDATED 09/01/2019)

DESIGN GUIDELINES

The strong pedestrian and bicycle linkage is possible by prohibiting individual driveway curb cuts across the paseos, as well as orientation and fencing guidelines for residential units along the paseo. The following examples illustrate how residential units should interface with the paseo.

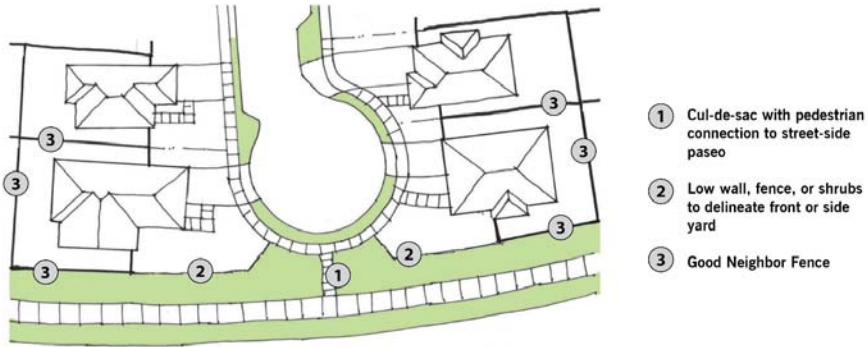


Figure B.2a: ~~A Streetside Paseo/Residential-Residential~~ Interface (Front Loaded Homes) (UPDATED 11/01/2019)

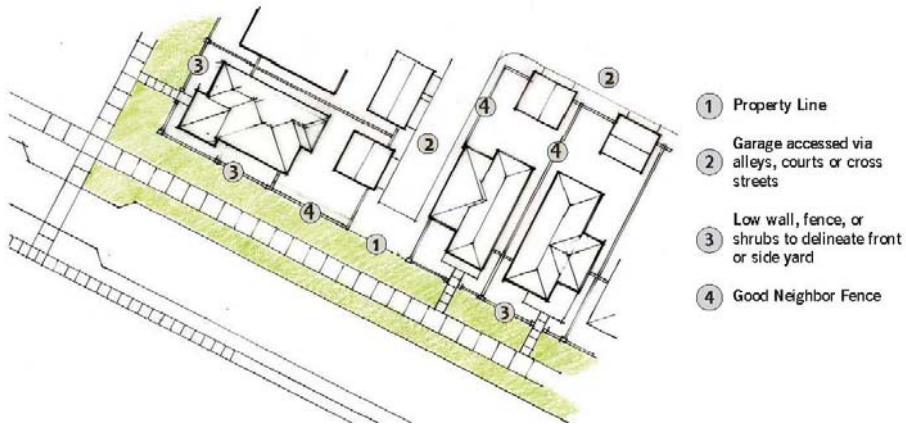


Figure B.2b: ~~A Streetside Paseo/Residential-Residential~~ Interface (Alley Loaded Homes) (UPDATED 09/01/2019)

DESIGN GUIDELINES



Figure B.2b2c: Conceptual Vignette of Streetside Paseo

The second important feature is the alignment of AR-64, an east west linear park. The park provides a strong visual and physical connection between the park of the western edge of the Property AR-61 to the urban core of the project at AR-66, AR-51 and AR-52.

The western edge of the park is bordered by pedestrian oriented streets that extend the pedestrian network into the community. Streets with 10 foot sidewalks connect the western edge of the park to the parks (AR-61, AR-63) along the western and the southern boundary of ARSP. These same enhanced landscape corridors and wider sidewalks provided a strong north, south pedestrian connection between the school site, east west linear park and, and neighborhood park (Parcel AR-63). This strong axial geometry creates identifiable focal points and organizing elements within the Plan Area.



Figure B.3: Linear Park and Pedestrian Linkages (UPDATED 09/01/2019)

B.7 Community Commercial

The commercial center in the northeastern portion of the ARSP area allows for uses, including but not limited to, large and small format retail, entertainment, office and other uses as approved by the City's Zoning Ordinance. The following design guidelines supplement the City of Roseville Community Design Guidelines.

Site Design

The goal of the regional commercial center is to create a one-stop shopping experience, in addition to the existing retail areas in Roseville, for residents within the Plan Area as well as the greater Roseville community.

- Bicycle parking and utilities should be integrated into the landscape design to place these elements where they are needed in a discrete manner.
- Create a commercial center framed by storefronts, awnings and landscaping.
- Provide for a mix of sizes of businesses within the commercial center that creates a pedestrian friendly atmosphere.

Street Furnishings

The sidewalks are an important feature of a regional commercial environment. These areas should be furnished with enriched materials and furnishings that create a comfortable, convenient, and entertaining experience. With the exception of features created as art, the furnishings should be in a similar family of style, color, and finish to create a refined and uncluttered appearance.

- Create sidewalks that are scaled to accommodate cafe style seating and adequate landscaped areas.
- Newspaper racks should be of one cohesive design and integrated into the landscape design.
- Bollards may be placed to provide separation between auto and pedestrian crossings.

Architecture



Figure B.4 Commercial Center (UPDATED 09/01/2019)

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such as paseos or to parcels AR24 and AR 37 where size and configuration may overly burden development (open fencing requirement still apply to these parcels).

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- o Where residential lots back up or side onto open space areas, the use of open-style fencing is appropriate. However, where privacy, security, or noise attenuation is of concern (such as adjacent to public trails), solid fencing may be used between residential lots and open space (subject to Fire Department standards).
- o Where residential lots back or side onto an open space area and where public access is encouraged (i.e., along Class I trails), multiple connection points shall be provided, via live-end cul-de-sacs, paseos, or other means.
- o Pedestrian connection points to park and open space features should be easy to find within neighborhoods, along designated pedestrian/bicycle routes with high visibility to residents.
- o As applicable, ensure subdivisions provide the proper interface with, and design for, any prescribed paseos.
- o Where paseos are not adjacent to a street, they must be open to one side at all times to prevent a tunnel effect and create security concerns.



- ① Property Line
- ② Garage accessed via alleys, courts or cross streets
- ③ Low wall, fence, or shrubs to delineate front or side yard
- ④ Good Neighbor Fence

Figure B.5: Homes Fronting onto Park



- ① Property Line
- ② Garage accessed via alleys, courts or cross streets
- ③ Low wall, fence, or shrubs to delineate front or side yard
- ④ Good neighbor fence
- ⑤ View Fence

Figure B.6: Homes Backing/Siding onto Open Space

DESIGN GUIDELINES

Modified Collector Street

Road "A", east of Westbrook is the only Modified Collector Street within Amoruso Ranch. It provides a secondary connection between Westbrook Boulevard and Road "B". The following guidelines should be followed for landscape along this street:

- Large evergreen non-conifer trees should be planted in the parkways and medians.
- Street tree spacing should allow the tree canopies along each side to touch at maturity. Refer to Table B.1 Street Tree Master Plan for species and spacing.
- Parkway and medians should be planted with shrubs and groundcover using planting as a unifying theme but allow for a variety of species to ensure a healthy and long-lived plant palette.
- Turf should be avoided in these areas.
- Use of low water use groundcover or grasses is encouraged.

Powerline Corridor on Westbrook Boulevard, Road A and Road B

In addition to the guidelines above, the following standards should be applied to the portions of the landscape corridor adjacent to Westbrook Boulevard, Road A and B within the powerline easement:

- Landscaping within the powerline easement is restricted to shrubs, groundcover, turf and low-growing trees subject to approval by Roseville Electric.
- No permanent structures other than electrical utilities may be placed within the easement.
- Lighting structures and landscaping within the powerline easement should not exceed 15 feet at maturity and should not be within 25 feet of the nearest high-voltage transmission line conductor.
- Berms are not permitted under the power lines.
- All grading, landscape structures and landscaping on a public utility easement or near a public utility are subject to final approval by the City. Locations of subdivision sales signs shall be coordinated with the City.

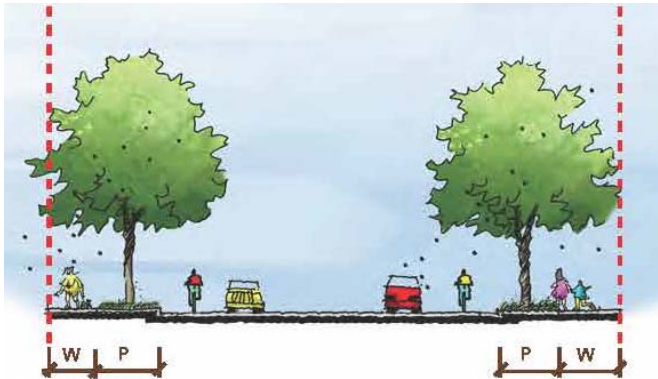


Figure B.12: Modified Collector (as edge conditions vary along the length of the street, diagrams only illustrate landscape treatments up to the edge of the walk) (P = Parkway; W = Walk)

DESIGN GUIDELINES

- Along open space parcels, frontage landscaping shall include post and cable fencing between the frontage landscaping and open space area.
- A subdivision's internal street system shall be designed to allow residents to walk easily to nearby parks.
- Residential units should be oriented toward (facing) parks and paseos, rather than backing up to them.
- Residential subdivisions located adjacent to open space area shall provide visual and physical access (for service and fire protection) to the open space. Pedestrian and bicycle access to open space shall only be provided where Class I trails are proposed.
 - o No more than 50% of homes, within each subdivision that are adjacent to open space shall back up to open space areas. This requirement will not apply to internal "urbanized" open space areas such as paseos or to parcels AR24 and AR 37 where size and configuration may overly burden development (open fencing requirement still apply to these parcels).
 - o Residential streets should provide views into open space areas at selected locations by providing opportunities for home to front or side on to open space. This can be accomplished in a number of ways including single-loaded streets, loop streets, or live end cul-de-sacs.
 - o Where residential lots back or side onto an open space area, multiple connection points (for service and fire protection) shall be provided, via live-end cul-de-sacs, paseos, or other means. Pedestrian and bicycle access to open space shall only be provided where Class I trails are proposed.
 - o Where residential lots back up or side onto open space areas, the use of open-style fencing is appropriate,
 - o Pedestrian connection points to park and open space features should be easy to find within neighborhoods, along designated pedestrian/bicycle routes with high visibility to residents.
 - o As applicable, ensure that subdivisions provide the proper interface and design when adjacent to open space.

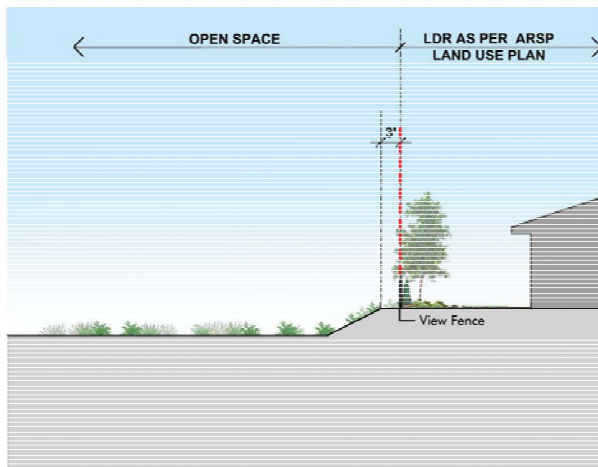


Figure B.23a: Edge Conditions Along Open Space Transition Zones

DESIGN GUIDELINES

Placer Parkway is a planned regional future six-lane expressway that runs through the ARSP area. During the Tentative Map stage for homes immediately adjacent to Placer Parkway (Parcels AR-2, AR-3, AR-4, AR-5, AR-6, AR-7, AR-8, AR-9 and AR-10), the following measures should be considered to maintain compatibility in the adjacent neighborhood. In addition portions of Placer Parkway maybe elevated above adjacent neighborhoods, so care should be taken while designing neighborhoods and individual lots.

- Development may back side or front on to the proposed Placer Parkway ROW. Where homes back or side on to the right-of-way, a masonry wall will be provided. Where homes front on Placer Parkway, a single loaded road may provide the separation, as illustrated in the conceptual cross section below.
- Care should be taken to locate and orient homes to address livability concerns. It is assumed the lotting pattern and home orientations may vary within the development parcels.
- Planting materials should be used between residences and Placer Parkway, where possible, as a screen or buffer. Plant material such as Sycamore, Oaks or London Plane trees or other similar planting material that has a broad canopy should be considered.

The following sections illustrate potential design solutions for buffering along Placer Parkway. Design of Placer Parkway is conceptual and actual design will be completed by others:

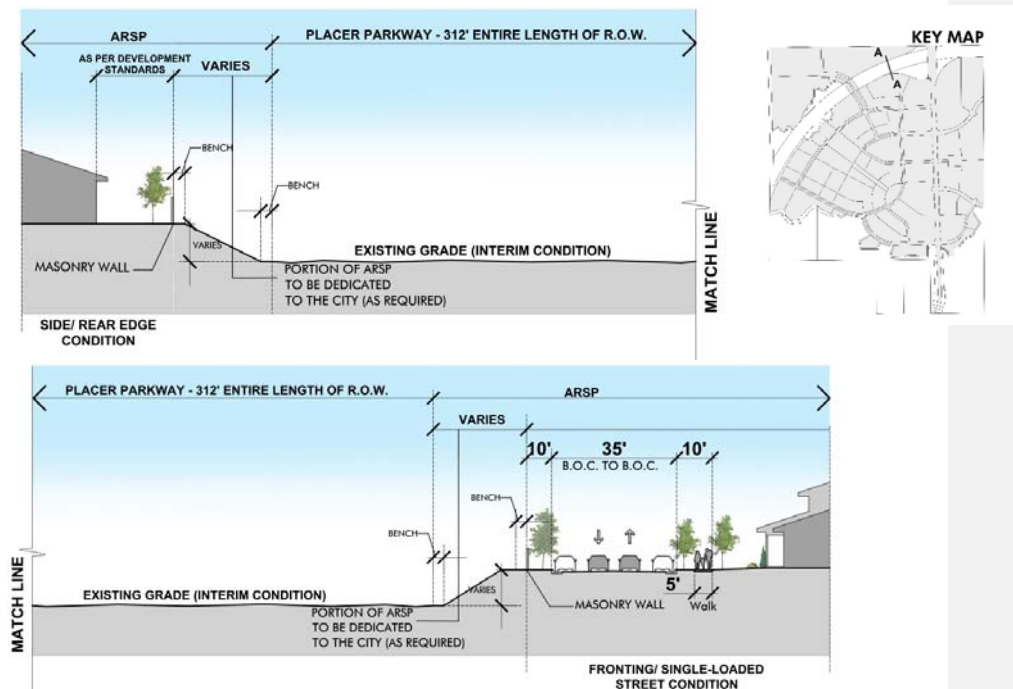


Figure B.25a: Conceptual P.P. Section and Edge Conditions (Interim Condition A-A) (Updated 09/01/2019)

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Figure B.26: Monument Sign Locations **(UPDATED 09/01/2019)**





Legend

1. Specimen Tree
2. Evergreen Backdrop Tree
3. Street Monument
4. Deciduous Accent Tree

Figure B.28: Monument 1 (UPDATED 09/01/2019)

DESIGN GUIDELINES

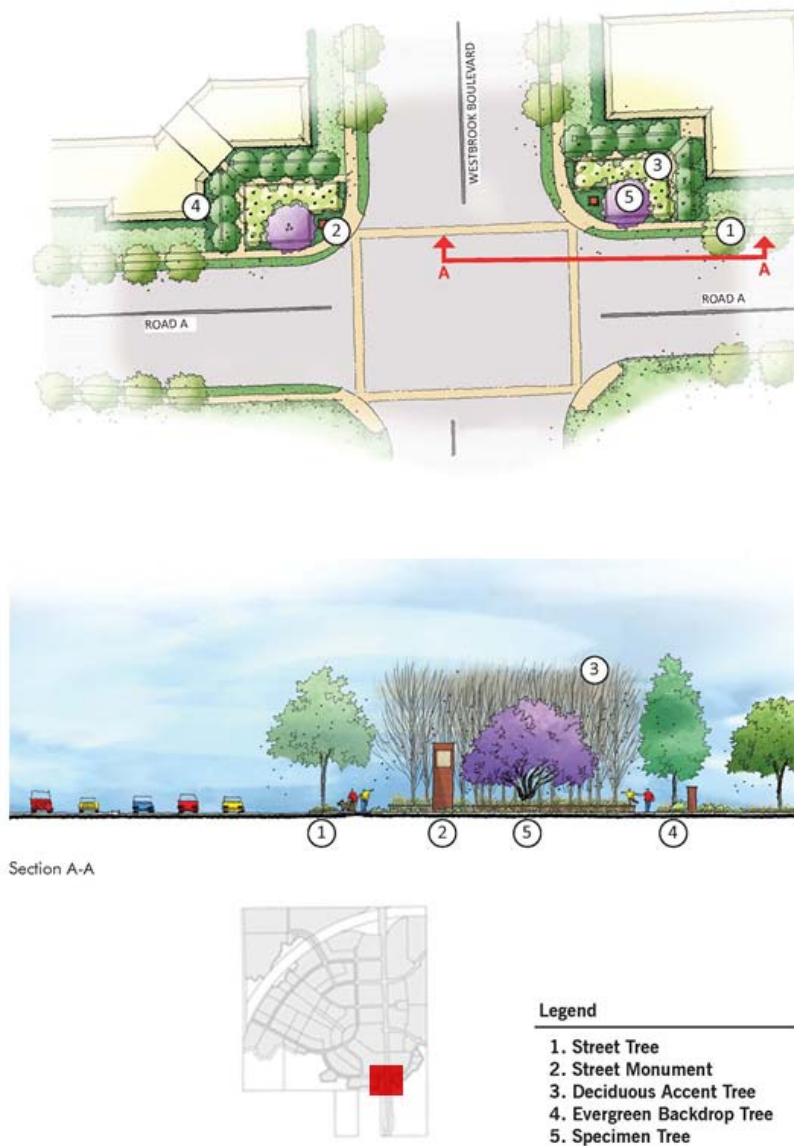


Figure B.29: Monument 5 (UPDATED 09/01/2019)

Community Entry Monuments (Monuments 2, 3 and 4)

The Community Entry Monuments occur along Westbrook Boulevard at the three main entries to Amoruso Ranch: Road "B", Road "D", and Main Street.

Road "B" and Road "D"

At the signalized intersections of Road "B" and Road "D", the entry monumentation will occur on all four corners. The entry monuments at these locations will consist of a vertical monument pilaster and may include wing walls and raised planters. Within this area will be a bosque of deciduous canopy trees set in a field of groundcover or grasses. A backdrop for the monument should be established utilizing landscape features such as a row of evergreen trees. Planting in the foreground and the background should consist of an evergreen groundcover or low shrub.

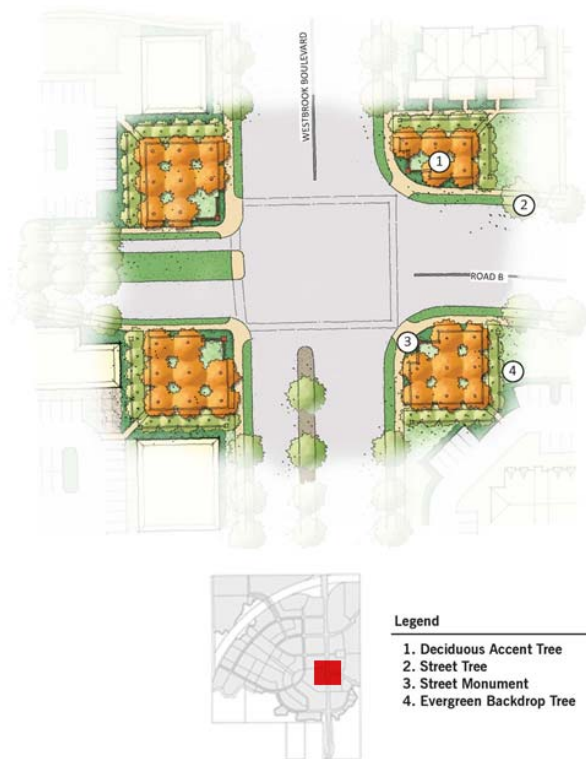


Figure B.30: Monument 3 (UPDATED 09/01/2019)

DESIGN GUIDELINES



Figure B.31: Monument 2 [\(UPDATED 09/01/2019\)](#)

Main Street - Monument 4

The intersection of Main Street and Westbrook Boulevard is important as it marks the entry into the Village District. This monument will occur on all four corners. On the east side of Westbrook Boulevard, the main portion of the monument will be the same size and scale as the other two community entry monuments. On the west side of Westbrook Boulevard, the monument may include a feature that spans across Main Street. This should be a contemporary interpretation of a classic main street element seen in many historic downtowns. In addition, a tall pilaster will be located in the median on Westbrook Boulevard, subject to the City's vehicle sight distance requirements. Planting at the Main Street entry should include flowering accent trees located within a field of groundcover or grasses.



Figure B.32: Monument 4 (UPDATED 09/01/2019)

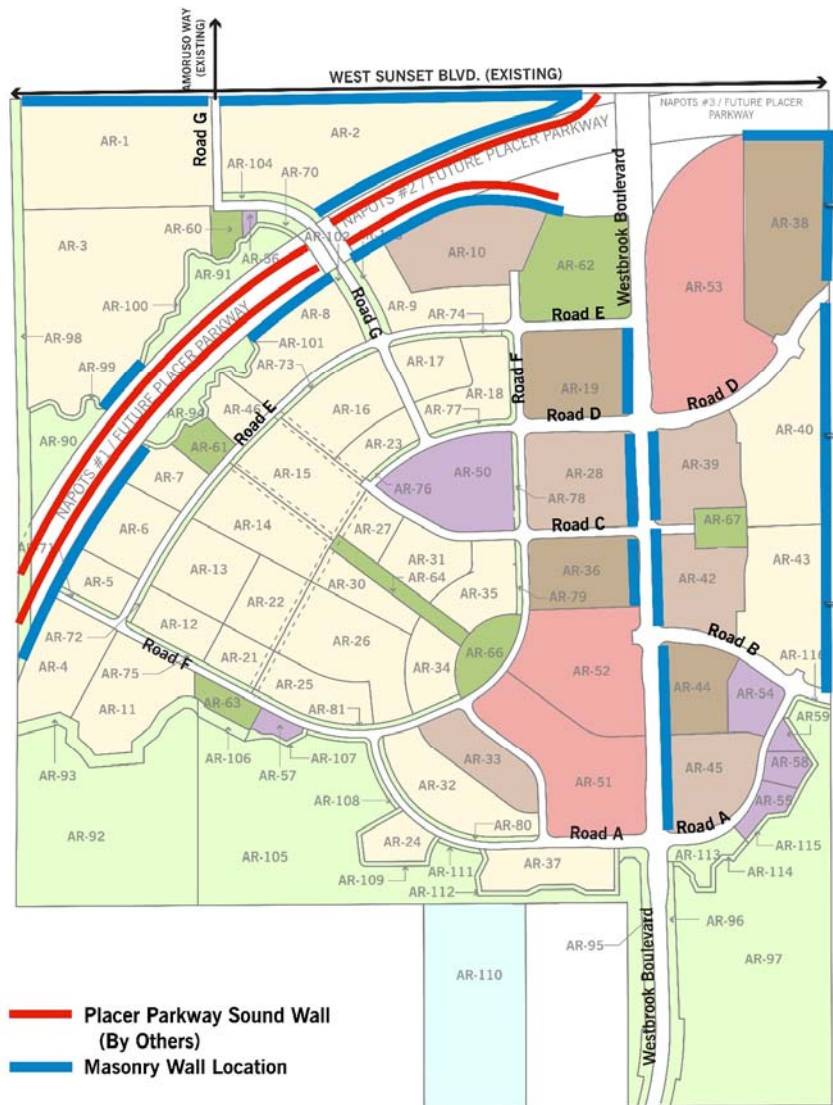


Figure B.35: Wall Locations (UPDATED 09/01/2019)

B. 19 Utility Sites Concept Plans

~~Four-Six~~ parcels are designated P/QP for the construction of utility infrastructure facilities to serve the ARSP. These include:

- Fire Station (AR-54)
- North Pump Station (AR-56)
- Sewer Lift Station (AR-57)
- ~~Recycling Center and Well Site (AR-5559)~~
- ~~Water Facilities (AR-58)~~
- ~~Community Community Facility (use to be determined) (AR-55)~~

Concept plans for each of these are provided in Figures B.37-B.40. The concept plans should be used as a guide in the final design of each facility as backbone infrastructure improvement plans are prepared. They are preliminary concept plans and may be changed during the design of the land use plan for parcels ~~AR-55, AR-56, and AR-57, AR-58 and AR-59.~~ Conceptual plans for AR-55 has not been included as the proposed use of the parcel has not been determined. The final design and location of public facilities on these parcels are is subject to review and approval of the City of Roseville.

The utility infrastructure facilities shall be designed to avoid conflict with pedestrian and vehicle circulation. The facilities shall be screened from public right-of-ways through the use of walls, fences, planting or a combination of the above.

The fire station (Parcel AR-54) shall be designed to accommodate future buildout with a maximum of three apparatus bays similar to several of the City's other fire stations, although during the initial construction, all three bays may not be built. The concept site plan shall include but not limited to driveways, gate access, landscaping, guest parking and other ancillary structures normally provided at a fire station. Turning movements to and from the fire station shall be included to ensure vehicle accessibility from the public streets. A turning radii of 30 and 50, interior and exterior respectively, shall be used as the template.

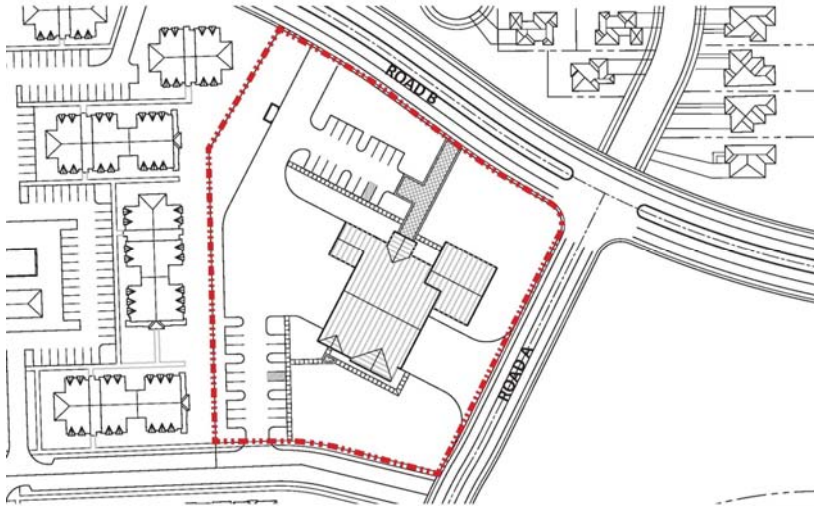


Figure B.37 Fire Station (AR-54)

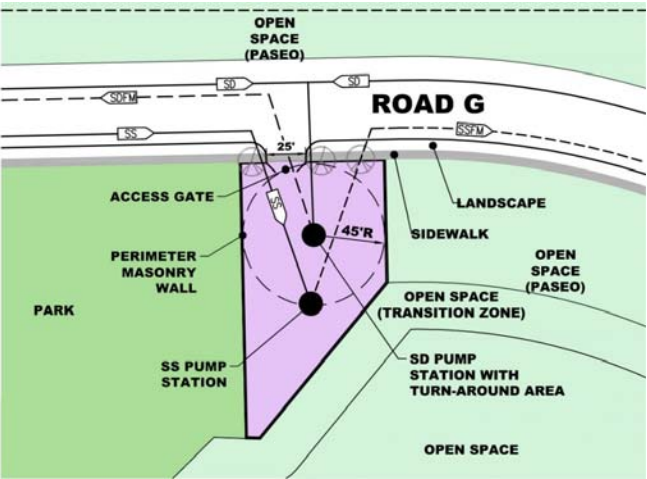


Figure B.38 North Pump Station (AR-56)

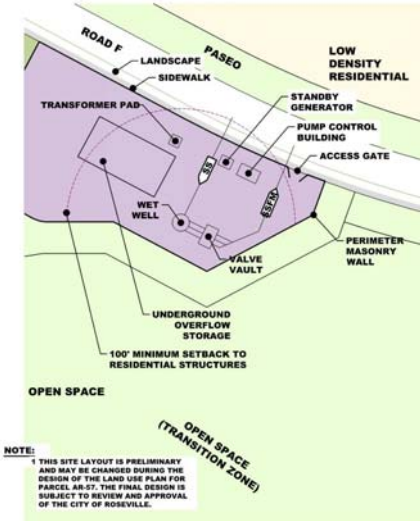


Figure B.39 Sewer Lift Station (AR-57) UPDATED 09/01/2019

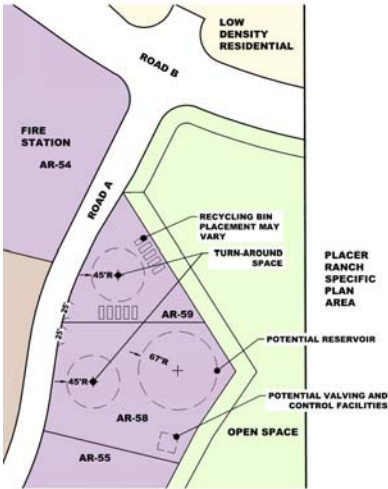


Figure B.40 Recycling Center and Water Facilities (AR-55, AR-58 and AR-59) UPDATED 09/01/2019

**FIRST AMENDMENT OF DEVELOPMENT AGREEMENT
BY AND BETWEEN THE CITY OF ROSEVILLE, BROOKFIELD SUNSET, LLC, AND
JENNIFER M. AMORUSO, SUCCESSOR TRUSTEE OF THE AMORUSO FAMILY
LIVING TRUST DATED MARCH 14, 2005
RELATIVE TO THE AMORUSO RANCH SPECIFIC PLAN**

This First Amendment of Development Agreement (the "First Amendment") is entered into this ____ day of _____, 2020, by and between the CITY OF ROSEVILLE, a municipal corporation ("City"), BROOKFIELD SUNSET, LLC, a California limited liability company ("Brookfield"), and ANGELA EISENPRESS, Successor Trustee of the Amoruso Family Living Trust Dated March 14, 2005 ("Amoruso")(collectively, "Landowner"), pursuant to Sections 65864 through 65869.5 of the Government Code of the State of California.

RECITALS

A. City and Landowner entered into a Development Agreement (the "Development Agreement") which was approved by the City Council of City on July 6, 2016, and recorded on August 24, 2016, in the Official Records of Placer County as Document No. 2016-0070352-00. City and Landowner entered into the Development Agreement relative to development within a portion of the Amoruso Ranch Specific Plan ("Specific Plan", "ARSP", or "Plan Area"), as such is more precisely described in Exhibits "A" and "B" of the Development Agreement (the "Property"), as those exhibits are amended by Exhibits "A" and "B" attached hereto. Except as otherwise defined herein, all capitalized terms used herein shall have the meanings ascribed thereto in the Development Agreement.

B. Since approval of the Development Agreement, Brookfield has become the fee title owner of a portion of the Property, as shown in Exhibit "D" attached to this First Amendment, and remains under contract to purchase the balance of the Property from Amoruso, with all persons holding legal or equitable interests in the Property being bound by the Development Agreement and this First Amendment.

C. Concurrent with its consideration of this First Amendment, City is processing a General Plan Amendment (Resolution No. _____), a Specific Plan

Amendment (Resolution No. _____), a Rezone (Ordinance No. _____), and a Tentative Subdivision Map Modification (TSM _____) for purposes of revising land use entitlements on the Property. City and Landowner wish to enter into this First Amendment in order to provide consistency with these land use approvals.

D. This First Amendment is authorized by Section 1.4 of the Development Agreement.

NOW, THEREFORE, THE PARTIES MUTUALLY AGREE AS FOLLOWS:

1. AMENDMENT OF DEVELOPMENT AGREEMENT. The following sections and exhibits of the Development Agreement are hereby amended as follows:

a. TABLE OF CONTENTS. The entry below is deleted from the Table of Contents:

“3.7.1 Placer County Water Agency Supply”.

b. REVISED SECTION 2.2. Section 2.2 is revised in its entirety to read as follows:

“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 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 gross acreages for all land uses for the Property as shown in the Specific Plan Land Plan in Exhibit "E", attached hereto and summarized below:

Low Density Residential	1,252 units on 239.3 Gross Acres;
Medium Density Residential	542 units on 50.3 Gross Acres;
High Density Residential	873 units on 38.1 Gross Acres;
Community Commercial	23.9 Gross Acres;
Community Commercial/Village District	159 units on 27.3 Gross Acres;
Park	22.1 Gross Acres;
Open Space	144.2 Gross Acres;
Open Space (Paseos)	10.7 Gross Acres;
School	9.6 Gross Acres;
Public/Quasi Public	7.6 Gross Acres;
Right of Way	52.0 Gross Acres;
NAPOTS (Placer Parkway)	<u>49.2 Gross Acres.</u>

TOTAL

674.4 Gross 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 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 Property for the uses set forth in the Entitlements, and as more fully set forth in Section 2.4.1 below."

- c. DELETED SECTION 3.7.1. Section 3.7.1 is deleted in its entirety.
- d. REVISED SECTION 3.7.2. Section 3.7.2 is revised in its entirety to read as follows:

"3.7.2 Financing of Water Supply.

Landowner shall have no obligation to install or pay for the installation of any off-site water storage, treatment, or transmission facilities (other than those which may be required by other sections of this Agreement) except through the payment of water connection fees levied and collected by the City at the time of development pursuant to the then existing City ordinances and this Agreement."

- e. REVISED SECTION 3.7.3. Section 3.7.3 is revised in its entirety to read as follows:

"3.7.3 Groundwater Well.

3.7.3.1 Parcel Dedication. Landowner shall dedicate to City Parcel AR-58 for water system facilities, including a groundwater well, at the approximate location shown on Exhibit "L". Landowner shall construct frontage improvements for Parcel AR-58, including water, recycled water, wastewater, storm drainage, electric and communication fiber conduit.

3.7.3.2 Well Construction Requirements. As shown in Exhibits "L" and "N", the water facilities site shall be constructed adjacent to the 24" water line to be constructed in Road B, and be connected to that 24" water line with a 16" water line within Road A. Landowner shall install a test well in a location mutually agreed upon by Landowner and City to determine if the well location utilized meets desired capacity and water quality. If the desired capacity and water quality are confirmed by the test well, Landowner shall be responsible for drilling and completing the production well (but not above ground well

improvements such as pumping and treatment facilities) as further described below (the "Water Construction Requirements"). City shall be responsible for the construction and costs of above ground production well (topside) improvements such as pumping and treatment facilities. It is the intent of this section (and the Parties) that the groundwater well location identified within the Project shall be capable of achieving a yield of approximately 1,800 gallons per minute, be designed for Aquifer Storage and Recovery, and the groundwater water is of such quality that only disinfection will be required to meet California Drinking Water Quality Standards. Should the City determine the available capacity or water quality does not achieve these objectives, Landowner shall, at its own cost, work with the City to relocate the well site within the Project to an alternative site mutually agreed to by City and Landowner until these objectives are satisfied.

Landowner shall contact the City Environmental Utilities Department prior to design and construction of the production well. The production well shall be in operation at the time of occupancy of the 250th residential unit in the Project. Landowner shall receive approval from the City of the well design and drilling method prior to commencement of this work. In addition, notwithstanding the foregoing, the well shall be drilled prior to the time of occupancy of any residential units within 500 feet of the well site. Landowner shall include noise curtains for the well if at the time of construction of the well homes are occupied between 500 feet and 1,000 feet of the well.

If City determines that the production well is required prior to the occupancy of the 250th residential unit in the Project, City has the right to construct the test well and the production well. Landowner shall reimburse City for the actual cost of the below ground improvements for the test well and production well, as set forth above, including annual CCI adjustments of such costs, upon occupancy of the 250th residential unit in the Project. If City constructs the test well and production well prior to the occupancy of the 250th residential unit in the Project, Landowner agrees to construct an all weather access roadway within either the Road A or Road B RoW and all associated infrastructure necessary to serve Parcel AR-58 as specified in this Section 3.7.3 within one (1) year of notification from City if Road B has not otherwise already been constructed by Landowner.

Notwithstanding the foregoing, if the City adopts a revised water connection fee which encompasses the costs of the Well Construction Requirements, Landowner shall be relieved of the Well Construction Requirements set forth in this Section 3.7.3.2.

Landowner shall, prior to the issuance of the first building permit in the Project

phase where an existing well is located, destroy the well or wells in that particular Project phase from among the two existing agriculture irrigation wells and one domestic well in the Project Area. Landowner shall obtain from City a Well Permit and follow the California Well Standards for the destruction of the wells on the Property. All construction plans shall be designed pursuant to City's then current Standards and mutually agreed to by Landowner and the Environmental Utilities Director, and subject to City plan review, construction inspection and final approval. Landowner shall pay the then current plan check, mapping and inspection costs as incurred by City for review, mapping, and inspection of the destruction of the wells."

f. REVISED SECTION 3.7.5. Section 3.7.5 is revised in its entirety to read as follows:

"3.7.5 Water Conservation Goal. The City has determined, and the Landowner agrees, that the available water supply, as documented in the Water Supply Assessment for the Project, is sufficient to serve all phases of the Project. This determination was the conclusion of a review of the various technical studies completed in connection with the environmental review of the Project. The demand for water at build-out of the Project was determined by reference to the City's current information on water usage by the various land uses included and permitted within the City and the proposed land uses within the Project and by reference to the Landowner's Water Conservation Plan which includes a reduction in water use by approximately 15% over current (i.e., Effective Date of this Agreement) use characteristics.

The sources for water evaluated for the Project are the same types of sources currently used throughout the City; namely, surface water contracts with federal and local agencies and the use of groundwater. City and Landowner are satisfied, based upon detailed technical analysis, that the demand and source assumptions relied upon to assure water for the Project are valid. However, the Parties have agreed to the following procedure to assure the continued validity of the underlying assumptions and the continued availability of sufficient water to service all phases of the Project. With the implementation of the City's Advanced Metering Infrastructure ("AMI") system, the City will have the ability to monitor potable water consumption on a near real-time basis. If the City determines that water consumption exceeds what was anticipated, and will negatively affect the City's ability to provide water for the Project, then the Parties shall meet and in good faith attempt to implement whatever measures are needed to assure the water supply will meet the Project's demands. In the event that the City adopts a City-Wide requirement for a reduction in water use by more than the approximately 15% over current potable water usage as set forth herein, and the then built portion of the Project has met its approximately 15% objective set forth

in this Section 3.7.5, the residential units for which building permits have not yet been issued shall be required to implement such measures necessary to achieve such City-Wide requirement, above the approximately 15% objective set forth in this Section 3.7.5. Development and implementation of such measures shall be at Landowner's cost. The foregoing notwithstanding, should City achieve its adopted City-Wide water conservation goals, the Project shall not under any circumstances be deemed out of compliance with its Water Conservation Plan water conservation objective as set forth herein."

- g. REVISED SECTION 3.9.2. The last paragraph of Section 3.9.2 is revised in its entirety to read as follows:

"If City institutes a recycled water connection fee, or such fee is embedded into City's revised water connection fee (which encompasses the estimated \$2.287 million for expansion of the WRSP recycled water tank and pump station described in the preceding paragraph), prior to the issuance of any building permits in the Project, Landowner shall not be responsible for the payment of the estimated \$2.287 million pro-rata share of the cost of the expansion of the WRSP recycled water tank and pump station except through the payment of the City recycled water connection fee, or City's revised water connection fee if a recycled water connection fee is embedded into City's revised water connection fee, or any special benefit fees as may be applicable to the Project to fund the expansion of the WRSP recycled water tank and pump station."

- h. REVISED SECTION 3.11.3. Section 3.11.3 is revised in its entirety to read as follows:

"3.11.3 CSP Electric Substation. Pursuant to the development agreement in the CSP, CSP landowners are required to dedicate to City, grade and provide access to a parcel in the CSP (designated Parcel C-81 in the Specific Plan) for an electric substation to serve the CSP (the "Substation Site"). Under the development agreement between CSP landowners and City, such Substation Site must be provided to City prior to issuance of the 923rd residential building permit, or combination of building permits, in the CSP. Should the Substation Site not have been dedicated to City, graded with access provided at the time that Landowner wishes to proceed with development of the Project, Landowner shall have the right to cause such dedication, grading and provision of access to the Substation Site for City to construct the electric substation that will serve both the CSP and the Project. Where the CSP Developer has not provided the Substation Site and associated improvements required in the CSP development agreement, then, provided that Landowner provides an access road, power line, temporary easements, and Substation Site as defined in the CSP development agreement

prior to the issuance of the 500th residential building permit in the ARSP, the City shall not restrict the issuance of any additional building permits in the ARSP beyond the 500 residential building permits noted herein on the basis of insufficient electrical service capacity for the balance of the Project. Should there be a delay by the CSP Developer or Landowner, as provided herein, in dedicating the Substation Site and associated improvements as required in the CSP development agreement, such delay shall result in the delay in the availability of power to the ARSP until such time as the Substation Site is fully operational with the ability to serve the remainder of the ARSP. Landowner acknowledges that, in the absence of any available capacity utilizing temporary lines that could serve the Project on an interim basis, the CSP electric substation must be in operation and 12kV circuits extended to the Project for electric service to be provided to the Plan Area, subject to the provisions set forth above. In addition to the Substation Site, Landowner shall install an all-weather access road along the south side of Pleasant Grove Creek from the southeast corner of the CSP to the Westbrook Boulevard bridge crossing over Pleasant Grove Creek sufficient to allow the construction and maintenance of the 60kV overhead power line required to feed the CSP electric substation."

- i. REVISED SECTION 3.11.4. Section 3.11.4 is revised in its entirety to read as follows:

"3.11.4 60kV Exhibit. Exhibit "U" to the Agreement is hereby deleted, and the 60kV electric line serving the Substation Site referenced in Section 3.11.3 above is shown in Exhibit "CC" to the CSP development agreement."

- j. REVISED SECTION 3.12.3. The first paragraph of Section 3.12.3 is revised in its entirety to read as follows:

"3.12.3 Neighborhood Park Fee. In accordance with the park financing plan for the Property, Landowner shall pay a neighborhood park fee (the "Neighborhood Park Fee"), upon the issuance of each residential building permit within the Project, to fund neighborhood park construction. Such Neighborhood Park Fee shall be \$2,917 per Low Density Residential unit, \$2,492 per Medium Density Residential unit, and \$2,067 per High Density Residential unit (but excluding carriage units, which shall not pay neighborhood park fees), subject to annual adjustment, on July 1, based on the percentage change in the CCI (Construction Cost Index). All such Neighborhood Park Fees shall be deposited into the applicable neighborhood park fee fund."

k. REVISED SECTION 3.12.4. Section 3.12.4 is revised in its entirety to read as follows:

“3.12.4 City-Wide Park Fee. Upon issuance of each residential building permit within the Project, Landowner shall pay a City-Wide park fee (the “City-Wide Park Fee”) to fund the construction of City-Wide park facilities in the City. The City-Wide Park Fee, as described in Section 3.12.5 below, shall be \$1,680 per Low Density Residential unit, \$1,435 per Medium Density Residential unit, and \$1,190 per High Density Residential unit (but excluding carriage units, which shall not pay City-Wide Park Fees), subject to annual adjustment, on July 1, based on the percentage change in the CCI.”

l. REVISED SECTION 3.12.5. Section 3.12.5 is revised in its entirety to read as follows:

“3.12.5 City-Wide Park In-Lieu Fee. In accordance with the park financing plan for the Property, Landowner shall pay a city-wide park in-lieu fee for the land dedication component of the Project’s City-Wide Park obligation (the “City-Wide Park In-Lieu Fee”), upon issuance of each residential building permit within the Project, to fund improvements to the City-wide park in the WRSP or other city-wide parks within the City. Such City-Wide Park In-Lieu Fee shall be \$1,222 per Low Density Residential unit, \$1,044 per Medium Density Residential unit, and \$866 per High Density Residential unit (but excluding carriage units, which shall not pay City-Wide Park In-Lieu fees), subject to annual adjustment, on July 1, based on the percentage change in the CCI.”

m. REVISED SECTION 3.17.1.2(f). Section 3.17.1.2(f) is revised in its entirety to read as follows:

(f) “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.”

n. REVISED SECTION 3.24. Section 3.24 is revised to add the following additional disclosures as items 20. and 21.:

“20. Livestock grazing may occur within the open space preserve areas.

21. Every residential unit is equipped with a recirculating hot water system, or similar technology to provide instantaneous hot water at each hot water faucet.”

- o. REVISED EXHIBITS. The following exhibits attached to the Development Agreement are replaced by new exhibits attached to this First Amendment as follows:

Exhibit A	Property Legal Description
Exhibit B	Property Map
Exhibit C	Annexation Area and Plan Area
Exhibit D	Specific Plan Property Ownership
Exhibit E	Land Use Plan
Exhibit F	Affordable Housing Sites
Exhibit G	Phasing Plan
Exhibit H	Road Improvements
Exhibit H-1	Offsite Road Facilities for Reimbursement
Exhibit I	Traffic Signals
Exhibit J-1	Wastewater Facilities
Exhibit J-2	Wastewater Facilities
Exhibit K-1	Offsite Wastewater Facilities for Reimbursement
Exhibit L	Groundwater Well
Exhibit M	Water Conservation Plan
Exhibit N	Water Facilities
Exhibit O-1	Water Facilities for Reimbursement
Exhibit O-2	Offsite Water Facilities for Reimbursement
Exhibit P	Recycled Water Facilities
Exhibit Q-1	Offsite Recycled Water Facilities for Reimbursement
Exhibit R	Drainage Facilities
Exhibit S	Post Development 100 Year Floodplain
Exhibit T	Fiber Optic Improvements
Exhibit V	Parks and Open Space
Exhibit W	Parks Financing Plan
Exhibit Y	Open Space Areas
Exhibit AA	DUE Allocation to Specific Plan Parcels for CSP Reimbursements

2. CONSISTENCY WITH GENERAL PLAN. The City Council has found and determined that this First Amendment of the Development Agreement is consistent with the General Plan and the Amoruso Ranch Specific Plan.

3. AMENDMENT. This First Amendment amends, but does not replace or supersede, the Development Agreement, except as specified herein. As amended hereby, the Development Agreement remains in full force and effect.

4. FORM OF AMENDMENT. This First Amendment is executed in two duplicate originals, each of which is deemed to be an original.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this First Amendment in duplicate by its City Manager, as 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:

BROOKFIELD SUNSET, LLC,
a California limited liability company

By: _____
John Norman
Vice President

ATTEST:

By: _____
Rick Whitney
Chief Financial Officer

By: _____
Sonia Orozco
City Clerk

ANGELA EISENPRESS, Successor
Trustee of the Amoruso Family Living
Trust Dated March 14, 2005

APPROVED AS TO FORM:

By: _____
Robert R. Schmitt
City Attorney

APPROVED AS TO SUBSTANCE:

By: _____
Mike Isom
Development Services Manager

**FIRST AMENDMENT OF DEVELOPMENT AGREEMENT
BY AND BETWEEN THE CITY OF ROSEVILLE, BROOKFIELD SUNSET, LLC, AND
JENNIFER M. AMORUSO, SUCCESSOR TRUSTEE OF THE AMORUSO FAMILY
LIVING TRUST DATED MARCH 14, 2005
RELATIVE TO THE AMORUSO RANCH SPECIFIC PLAN**

This First Amendment of Development Agreement (the "First Amendment") is entered into this ____ day of _____, 2020, by and between the CITY OF ROSEVILLE, a municipal corporation ("City"), BROOKFIELD SUNSET, LLC, a California limited liability company ("Brookfield"), and ANGELA EISENPRESS, Successor Trustee of the Amoruso Family Living Trust Dated March 14, 2005 ("Amoruso")(collectively, "Landowner"), pursuant to Sections 65864 through 65869.5 of the Government Code of the State of California.

RECITALS

A. City and Landowner entered into a Development Agreement (the "Development Agreement") which was approved by the City Council of City on July 6, 2016, and recorded on August 24, 2016, in the Official Records of Placer County as Document No. 2016-0070351-00. City and Landowner entered into the Development Agreement relative to development within a portion of the Amoruso Ranch Specific Plan ("Specific Plan", "ARSP", or "Plan Area"), as such is more precisely described in Exhibits "A" and "B" of the Development Agreement (the "Property"), as those exhibits are amended by Exhibits "A" and "B" attached hereto. Except as otherwise defined herein, all capitalized terms used herein shall have the meanings ascribed thereto in the Development Agreement.

B. Since approval of the Development Agreement, Brookfield has become the fee title owner of a portion of the Property, as shown in Exhibit "D" attached to this First Amendment, and remains under contract to purchase the balance of the Property from Amoruso, with all persons holding legal or equitable interests in the Property being bound by the Development Agreement and this First Amendment.

C. Concurrent with its consideration of this First Amendment, City is processing a General Plan Amendment (Resolution No. _____), a Specific Plan

Amendment (Resolution No. _____), a Rezone (Ordinance No. _____), and a Tentative Subdivision Map Modification (TSM _____) for purposes of revising land use entitlements on the Property. City and Landowner wish to enter into this First Amendment in order to provide consistency with these land use approvals.

D. This First Amendment is authorized by Section 1.4 of the Development Agreement.

NOW, THEREFORE, THE PARTIES MUTUALLY AGREE AS FOLLOWS:

1. AMENDMENT OF DEVELOPMENT AGREEMENT. The following sections and exhibits of the Development Agreement are hereby amended as follows:

a. TABLE OF CONTENTS. The entry below is deleted from the Table of Contents:

“3.7.1 Placer County Water Agency Supply”.

b. REVISED SECTION 2.2. Section 2.2 is revised in its entirety to read as follows:

“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 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 gross acreages for all land uses for the Property as shown in the Specific Plan Land Plan in Exhibit "E", attached hereto and summarized below:

Low Density Residential	1,252 units on 239.3 Gross Acres;
Medium Density Residential	542 units on 50.3 Gross Acres;
High Density Residential	873 units on 38.1 Gross Acres;
Community Commercial	23.9 Gross Acres;
Community Commercial/Village District	159 units on 27.3 Gross Acres;
Park	22.1 Gross Acres;
Open Space	144.2 Gross Acres;
Open Space (Paseos)	10.7 Gross Acres;
School	9.6 Gross Acres;
Public/Quasi Public	7.6 Gross Acres;
Right of Way	52.0 Gross Acres;
NAPOTS (Placer Parkway)	<u>49.2 Gross Acres.</u>

TOTAL

674.4 Gross 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 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 Property for the uses set forth in the Entitlements, and as more fully set forth in Section 2.4.1 below."

- c. DELETED SECTION 3.7.1. Section 3.7.1 is deleted in its entirety.
- d. REVISED SECTION 3.7.2. Section 3.7.2 is revised in its entirety to read as follows:

"3.7.2 Financing of Water Supply.

Landowner shall have no obligation to install or pay for the installation of any off-site water storage, treatment, or transmission facilities (other than those which may be required by other sections of this Agreement) except through the payment of water connection fees levied and collected by the City at the time of development pursuant to the then existing City ordinances and this Agreement."

- e. REVISED SECTION 3.7.3. Section 3.7.3 is revised in its entirety to read as follows:

"3.7.3 Groundwater Well.

3.7.3.1 Parcel Dedication. Landowner shall dedicate to City Parcel AR-58 for water system facilities, including a groundwater well, at the approximate location shown on Exhibit "L". Landowner shall construct frontage improvements for Parcel AR-58, including water, recycled water, wastewater, storm drainage, electric and communication fiber conduit.

3.7.3.2 Well Construction Requirements. As shown in Exhibits "L" and "N", the water facilities site shall be constructed adjacent to the 24" water line to be constructed in Road B, and be connected to that 24" water line with a 16" water line within Road A. Landowner shall install a test well in a location mutually agreed upon by Landowner and City to determine if the well location utilized meets desired capacity and water quality. If the desired capacity and water quality are confirmed by the test well, Landowner shall be responsible for drilling and completing the production well (but not above ground well

improvements such as pumping and treatment facilities) as further described below (the "Water Construction Requirements"). City shall be responsible for the construction and costs of above ground production well (topside) improvements such as pumping and treatment facilities. It is the intent of this section (and the Parties) that the groundwater well location identified within the Project shall be capable of achieving a yield of approximately 1,800 gallons per minute, be designed for Aquifer Storage and Recovery, and the groundwater water is of such quality that only disinfection will be required to meet California Drinking Water Quality Standards. Should the City determine the available capacity or water quality does not achieve these objectives, Landowner shall, at its own cost, work with the City to relocate the well site within the Project to an alternative site mutually agreed to by City and Landowner until these objectives are satisfied.

Landowner shall contact the City Environmental Utilities Department prior to design and construction of the production well. The production well shall be in operation at the time of occupancy of the 250th residential unit in the Project. Landowner shall receive approval from the City of the well design and drilling method prior to commencement of this work. In addition, notwithstanding the foregoing, the well shall be drilled prior to the time of occupancy of any residential units within 500 feet of the well site. Landowner shall include noise curtains for the well if at the time of construction of the well homes are occupied between 500 feet and 1,000 feet of the well.

If City determines that the production well is required prior to the occupancy of the 250th residential unit in the Project, City has the right to construct the test well and the production well. Landowner shall reimburse City for the actual cost of the below ground improvements for the test well and production well, as set forth above, including annual CCI adjustments of such costs, upon occupancy of the 250th residential unit in the Project. If City constructs the test well and production well prior to the occupancy of the 250th residential unit in the Project, Landowner agrees to construct an all weather access roadway within either the Road A or Road B RoW and all associated infrastructure necessary to serve Parcel AR-58 as specified in this Section 3.7.3 within one (1) year of notification from City if Road B has not otherwise already been constructed by Landowner.

Notwithstanding the foregoing, if the City adopts a revised water connection fee which encompasses the costs of the Well Construction Requirements, Landowner shall be relieved of the Well Construction Requirements set forth in this Section 3.7.3.2.

Landowner shall, prior to the issuance of the first building permit in the Project

phase where an existing well is located, destroy the well or wells in that particular Project phase from among the two existing agriculture irrigation wells and one domestic well in the Project Area. Landowner shall obtain from City a Well Permit and follow the California Well Standards for the destruction of the wells on the Property. All construction plans shall be designed pursuant to City's then current Standards and mutually agreed to by Landowner and the Environmental Utilities Director, and subject to City plan review, construction inspection and final approval. Landowner shall pay the then current plan check, mapping and inspection costs as incurred by City for review, mapping, and inspection of the destruction of the wells."

f. REVISED SECTION 3.7.5. Section 3.7.5 is revised in its entirety to read as follows:

"3.7.5 Water Conservation Goal. The City has determined, and the Landowner agrees, that the available water supply, as documented in the Water Supply Assessment for the Project, is sufficient to serve all phases of the Project. This determination was the conclusion of a review of the various technical studies completed in connection with the environmental review of the Project. The demand for water at build-out of the Project was determined by reference to the City's current information on water usage by the various land uses included and permitted within the City and the proposed land uses within the Project and by reference to the Landowner's Water Conservation Plan which includes a reduction in water use by approximately 15% over current (i.e., Effective Date of this Agreement) use characteristics.

The sources for water evaluated for the Project are the same types of sources currently used throughout the City; namely, surface water contracts with federal and local agencies and the use of groundwater. City and Landowner are satisfied, based upon detailed technical analysis, that the demand and source assumptions relied upon to assure water for the Project are valid. However, the Parties have agreed to the following procedure to assure the continued validity of the underlying assumptions and the continued availability of sufficient water to service all phases of the Project. With the implementation of the City's Advanced Metering Infrastructure ("AMI") system, the City will have the ability to monitor potable water consumption on a near real-time basis. If the City determines that water consumption exceeds what was anticipated, and will negatively affect the City's ability to provide water for the Project, then the Parties shall meet and in good faith attempt to implement whatever measures are needed to assure the water supply will meet the Project's demands. In the event that the City adopts a City-Wide requirement for a reduction in water use by more than the approximately 15% over current potable water usage as set forth herein, and the then built portion of the Project has met its approximately 15% objective set forth

in this Section 3.7.5, the residential units for which building permits have not yet been issued shall be required to implement such measures necessary to achieve such City-Wide requirement, above the approximately 15% objective set forth in this Section 3.7.5. Development and implementation of such measures shall be at Landowner's cost. The foregoing notwithstanding, should City achieve its adopted City-Wide water conservation goals, the Project shall not under any circumstances be deemed out of compliance with its Water Conservation Plan water conservation objective as set forth herein."

- g. REVISED SECTION 3.9.2. The last paragraph of Section 3.9.2 is revised in its entirety to read as follows:

"If City institutes a recycled water connection fee, or such fee is embedded into City's revised water connection fee (which encompasses the estimated \$2.287 million for expansion of the WRSP recycled water tank and pump station described in the preceding paragraph), prior to the issuance of any building permits in the Project, Landowner shall not be responsible for the payment of the estimated \$2.287 million pro-rata share of the cost of the expansion of the WRSP recycled water tank and pump station except through the payment of the City recycled water connection fee, or City's revised water connection fee if a recycled water connection fee is embedded into City's revised water connection fee, or any special benefit fees as may be applicable to the Project to fund the expansion of the WRSP recycled water tank and pump station."

- h. REVISED SECTION 3.11.3. Section 3.11.3 is revised in its entirety to read as follows:

"3.11.3 CSP Electric Substation. Pursuant to the development agreement in the CSP, CSP landowners are required to dedicate to City, grade and provide access to a parcel in the CSP (designated Parcel C-81 in the Specific Plan) for an electric substation to serve the CSP (the "Substation Site"). Under the development agreement between CSP landowners and City, such Substation Site must be provided to City prior to issuance of the 923rd residential building permit, or combination of building permits, in the CSP. Should the Substation Site not have been dedicated to City, graded with access provided at the time that Landowner wishes to proceed with development of the Project, Landowner shall have the right to cause such dedication, grading and provision of access to the Substation Site for City to construct the electric substation that will serve both the CSP and the Project. Where the CSP Developer has not provided the Substation Site and associated improvements required in the CSP development agreement, then, provided that Landowner provides an access road, power line, temporary easements, and Substation Site as defined in the CSP development agreement

prior to the issuance of the 500th residential building permit in the ARSP, the City shall not restrict the issuance of any additional building permits in the ARSP beyond the 500 residential building permits noted herein on the basis of insufficient electrical service capacity for the balance of the Project. Should there be a delay by the CSP Developer or Landowner, as provided herein, in dedicating the Substation Site and associated improvements as required in the CSP development agreement, such delay shall result in the delay in the availability of power to the ARSP until such time as the Substation Site is fully operational with the ability to serve the remainder of the ARSP. Landowner acknowledges that, in the absence of any available capacity utilizing temporary lines that could serve the Project on an interim basis, the CSP electric substation must be in operation and 12kV circuits extended to the Project for electric service to be provided to the Plan Area, subject to the provisions set forth above. In addition to the Substation Site, Landowner shall install an all-weather access road along the south side of Pleasant Grove Creek from the southeast corner of the CSP to the Westbrook Boulevard bridge crossing over Pleasant Grove Creek sufficient to allow the construction and maintenance of the 60kV overhead power line required to feed the CSP electric substation."

- i. REVISED SECTION 3.11.4. Section 3.11.4 is revised in its entirety to read as follows:

"3.11.4 60kV Exhibit. Exhibit "U" to the Agreement is hereby deleted, and the 60kV electric line serving the Substation Site referenced in Section 3.11.3 above is shown in Exhibit "CC" to the CSP development agreement."

- j. REVISED SECTION 3.12.3. The first paragraph of Section 3.12.3 is revised in its entirety to read as follows:

"3.12.3 Neighborhood Park Fee. In accordance with the park financing plan for the Property, Landowner shall pay a neighborhood park fee (the "Neighborhood Park Fee"), upon the issuance of each residential building permit within the Project, to fund neighborhood park construction. Such Neighborhood Park Fee shall be \$2,917 per Low Density Residential unit, \$2,492 per Medium Density Residential unit, and \$2,067 per High Density Residential unit (but excluding carriage units, which shall not pay neighborhood park fees), subject to annual adjustment, on July 1, based on the percentage change in the CCI (Construction Cost Index). All such Neighborhood Park Fees shall be deposited into the applicable neighborhood park fee fund."

k. REVISED SECTION 3.12.4. Section 3.12.4 is revised in its entirety to read as follows:

“3.12.4 City-Wide Park Fee. Upon issuance of each residential building permit within the Project, Landowner shall pay a City-Wide park fee (the “City-Wide Park Fee”) to fund the construction of City-Wide park facilities in the City. The City-Wide Park Fee, as described in Section 3.12.5 below, shall be \$1,680 per Low Density Residential unit, \$1,435 per Medium Density Residential unit, and \$1,190 per High Density Residential unit (but excluding carriage units, which shall not pay City-Wide Park Fees), subject to annual adjustment, on July 1, based on the percentage change in the CCI.”

l. REVISED SECTION 3.12.5. Section 3.12.5 is revised in its entirety to read as follows:

“3.12.5 City-Wide Park In-Lieu Fee. In accordance with the park financing plan for the Property, Landowner shall pay a city-wide park in-lieu fee for the land dedication component of the Project’s City-Wide Park obligation (the “City-Wide Park In-Lieu Fee”), upon issuance of each residential building permit within the Project, to fund improvements to the City-wide park in the WRSP or other city-wide parks within the City. Such City-Wide Park In-Lieu Fee shall be \$1,222 per Low Density Residential unit, \$1,044 per Medium Density Residential unit, and \$866 per High Density Residential unit (but excluding carriage units, which shall not pay City-Wide Park In-Lieu fees), subject to annual adjustment, on July 1, based on the percentage change in the CCI.”

m. REVISED SECTION 3.17.1.2(f). Section 3.17.1.2(f) is revised in its entirety to read as follows:

(f) “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.”

n. REVISED SECTION 3.24. Section 3.24 is revised to add the following additional disclosures as items 20. and 21.:

“20. Livestock grazing may occur within the open space preserve areas.

21. Every residential unit is equipped with a recirculating hot water system, or similar technology to provide instantaneous hot water at each hot water faucet.”

- o. REVISED EXHIBITS. The following exhibits attached to the Development Agreement are replaced by new exhibits attached to this First Amendment as follows:

Exhibit A	Property Legal Description
Exhibit B	Property Map
Exhibit C	Annexation Area and Plan Area
Exhibit D	Specific Plan Property Ownership
Exhibit E	Land Use Plan
Exhibit F	Affordable Housing Sites
Exhibit G	Phasing Plan
Exhibit H	Road Improvements
Exhibit H-1	Offsite Road Facilities for Reimbursement
Exhibit I	Traffic Signals
Exhibit J-1	Wastewater Facilities
Exhibit J-2	Wastewater Facilities
Exhibit K-1	Offsite Wastewater Facilities for Reimbursement
Exhibit L	Groundwater Well
Exhibit M	Water Conservation Plan
Exhibit N	Water Facilities
Exhibit O-1	Water Facilities for Reimbursement
Exhibit O-2	Offsite Water Facilities for Reimbursement
Exhibit P	Recycled Water Facilities
Exhibit Q-1	Offsite Recycled Water Facilities for Reimbursement
Exhibit R	Drainage Facilities
Exhibit S	Post Development 100 Year Floodplain
Exhibit T	Fiber Optic Improvements
Exhibit V	Parks and Open Space
Exhibit W	Parks Financing Plan
Exhibit Y	Open Space Areas
Exhibit AA	DUE Allocation to Specific Plan Parcels for CSP Reimbursements

2. CONSISTENCY WITH GENERAL PLAN. The City Council has found and determined that this First Amendment of the Development Agreement is consistent with the General Plan and the Amoruso Ranch Specific Plan.

3. AMENDMENT. This First Amendment amends, but does not replace or supersede, the Development Agreement, except as specified herein. As amended hereby, the Development Agreement remains in full force and effect.

4. FORM OF AMENDMENT. This First Amendment is executed in two duplicate originals, each of which is deemed to be an original.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this First Amendment in duplicate by its City Manager, as 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:

BROOKFIELD SUNSET, LLC,
a California limited liability company

By: _____
John Norman
Vice President

ATTEST:

By: _____
Rick Whitney
Chief Financial Officer

By: _____
Sonia Orozco
City Clerk

ANGELA EISENPRESS, Successor
Trustee of the Amoruso Family Living
Trust Dated March 14, 2005

APPROVED AS TO FORM:

By: _____
Robert R. Schmitt
City Attorney

APPROVED AS TO SUBSTANCE:

By: _____
Mike Isom
Development Services Manager

EXHIBIT "A"
LEGAL DESCRIPTION

PARCEL 1

ALL THAT REAL PROPERTY SITUATE IN THE COUNTY OF PLACER, STATE OF CALIFORNIA, BEING A PORTION OF SECTION 11, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO BASE AND MERIDIAN, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

LOT 1 AS SAID LOT IS SHOWN ON THAT CERTAIN FINAL MAP ENTITLED "FINAL MAP OF AMORUSO RANCH PHASE 1", FILED FOR RECORD MAY 3, 2019, IN BOOK EE OF MAPS, AT PAGE 51, PLACER COUNTY RECORDS.

CONTAINING 164.42 ACRES, MORE OR LESS.

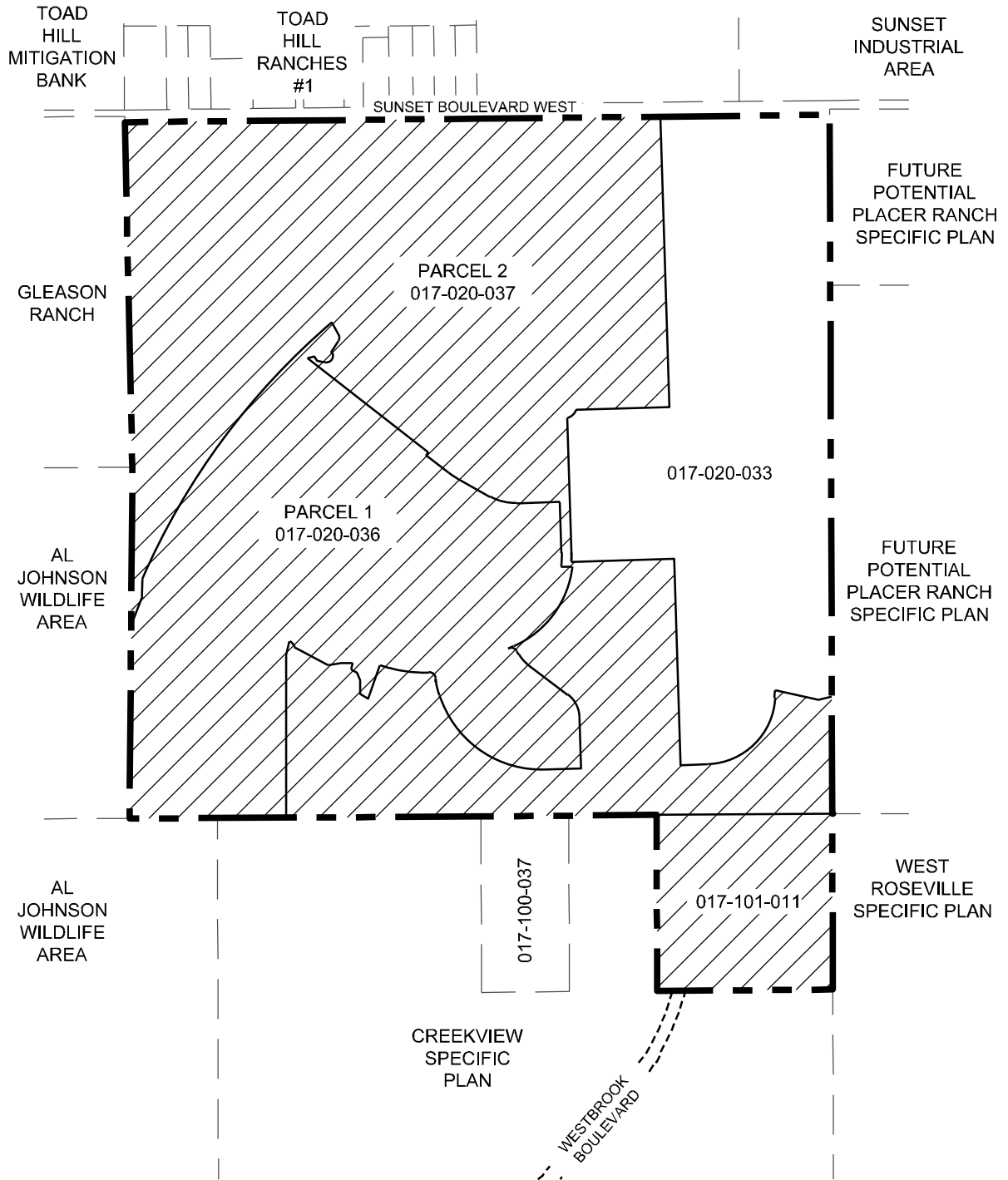
PARCEL 2

ALL THAT REAL PROPERTY SITUATE IN THE COUNTY OF PLACER, STATE OF CALIFORNIA, BEING A PORTION OF SECTION 11, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO BASE AND MERIDIAN, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

ALL OF THE DESIGNATED REMAINDER SHOWN ON THAT CERTAIN FINAL MAP ENTITLED "FINAL MAP OF AMORUSO RANCH PHASE 1", FILED FOR RECORD MAY 3, 2019, IN BOOK EE OF MAPS, AT PAGE 51, PLACER COUNTY RECORDS.

CONTAINING 361.28 ACRES, MORE OR LESS.

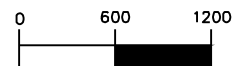
Exhibit B Property Map



LEGEND



PROPERTY SUBJECT TO
DEVELOPMENT AGREEMENT



(IN FEET)

1 inch = 1200 ft.

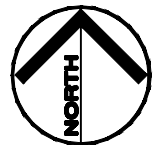


Exhibit C

Annexation Area and Plan Area

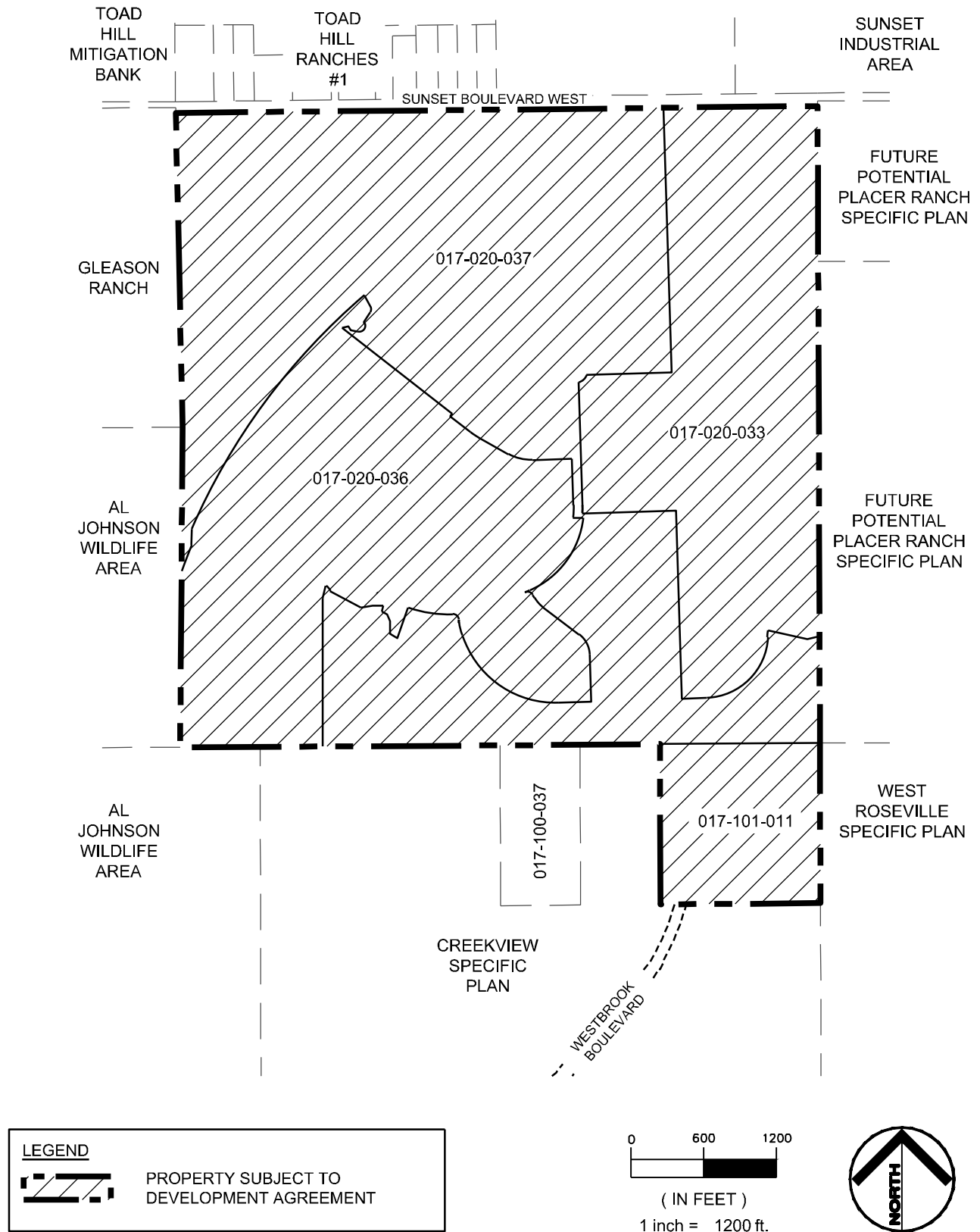


Exhibit D
Specific Plan Property Ownership

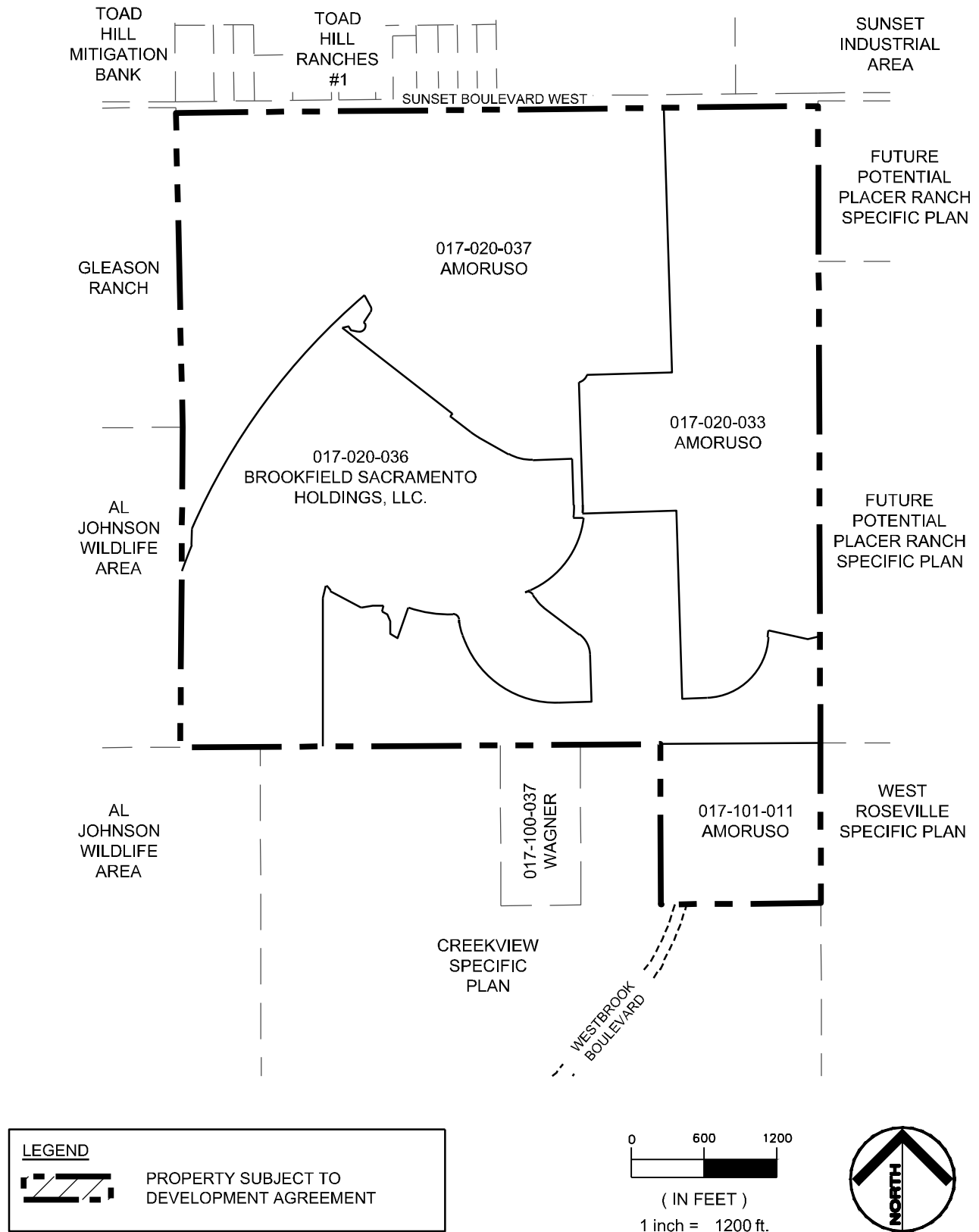


Exhibit E
Land Use Plan

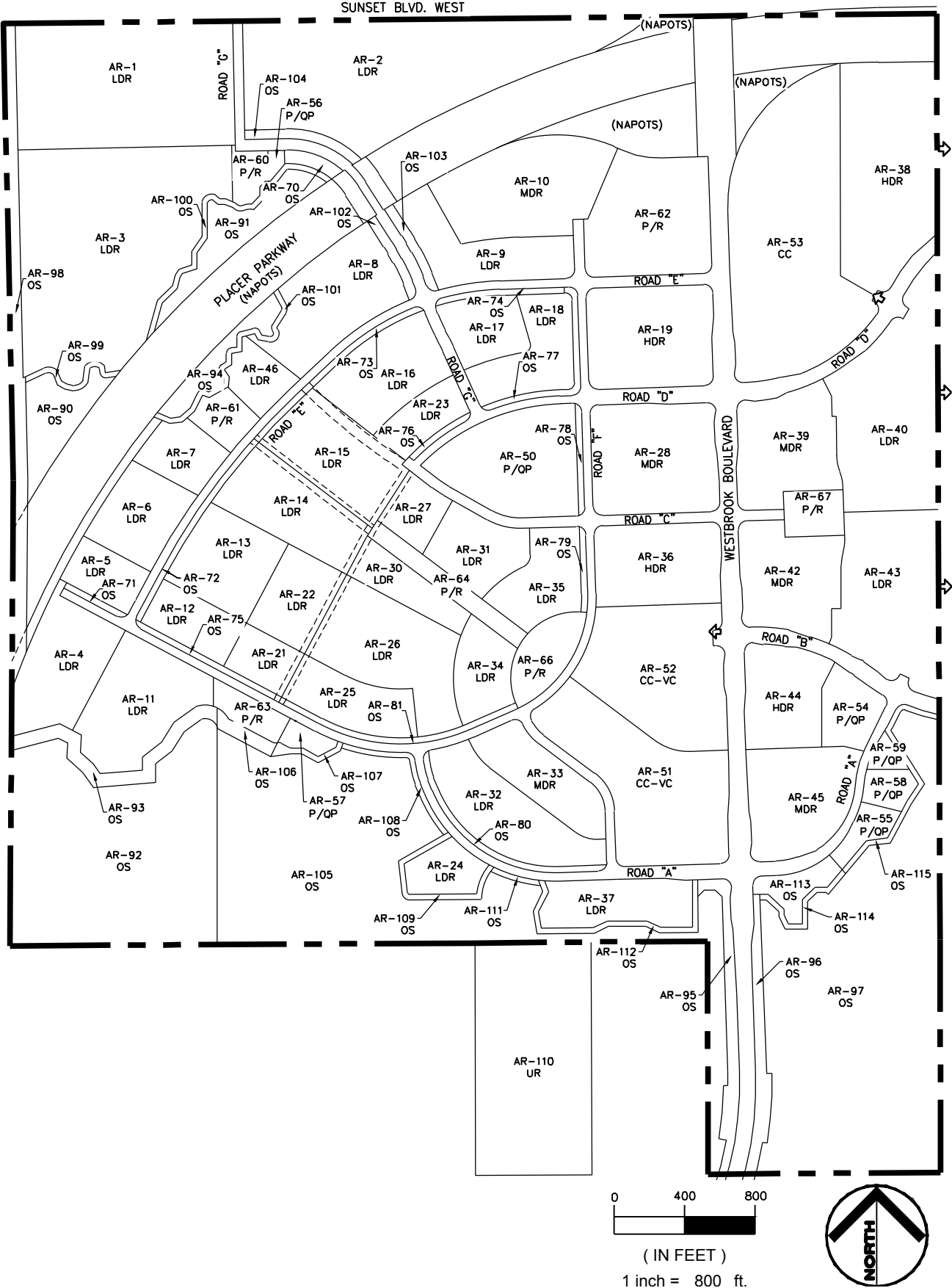


Exhibit F

Affordable Housing Sites

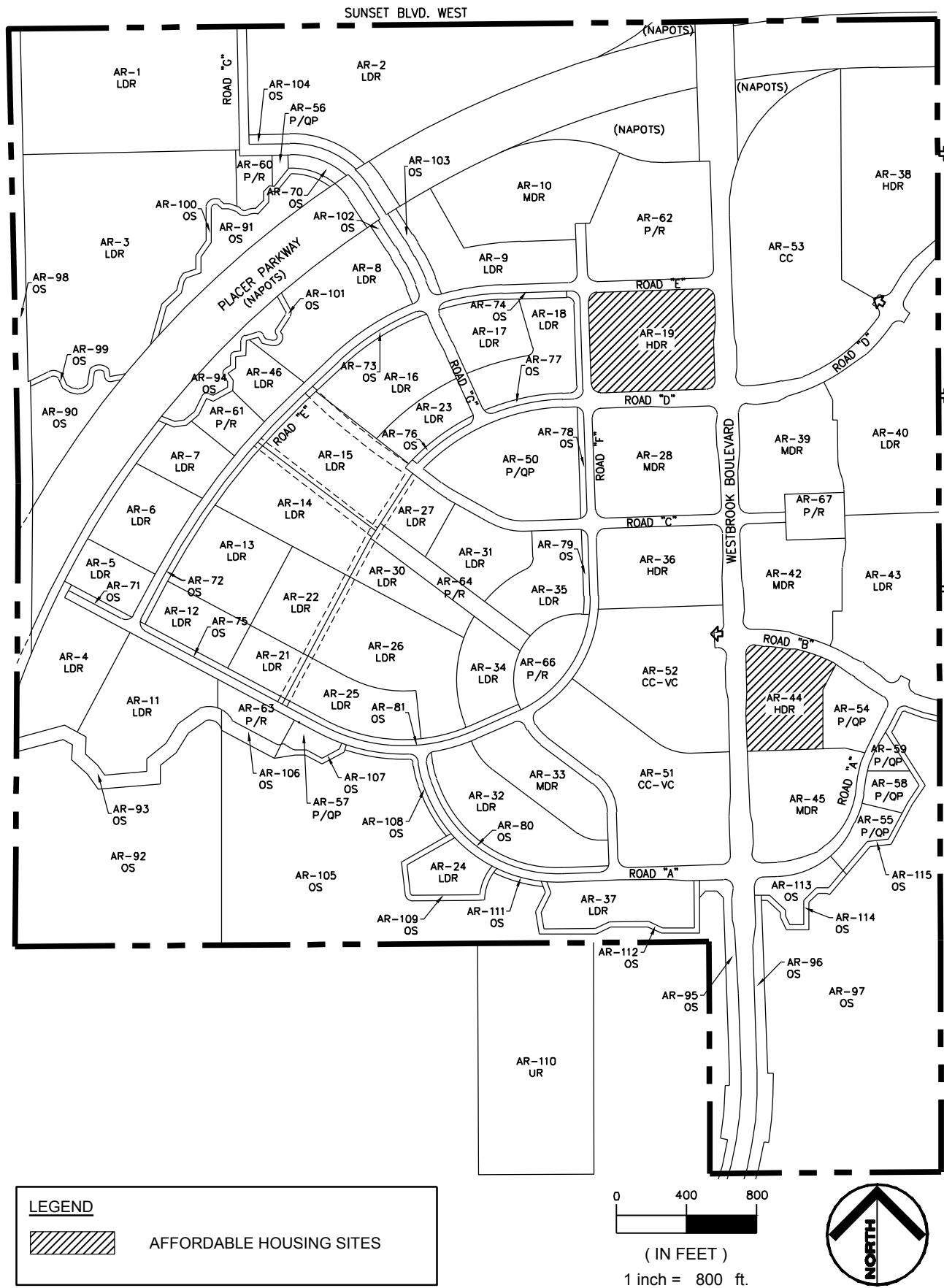


Exhibit G Phasing Plan

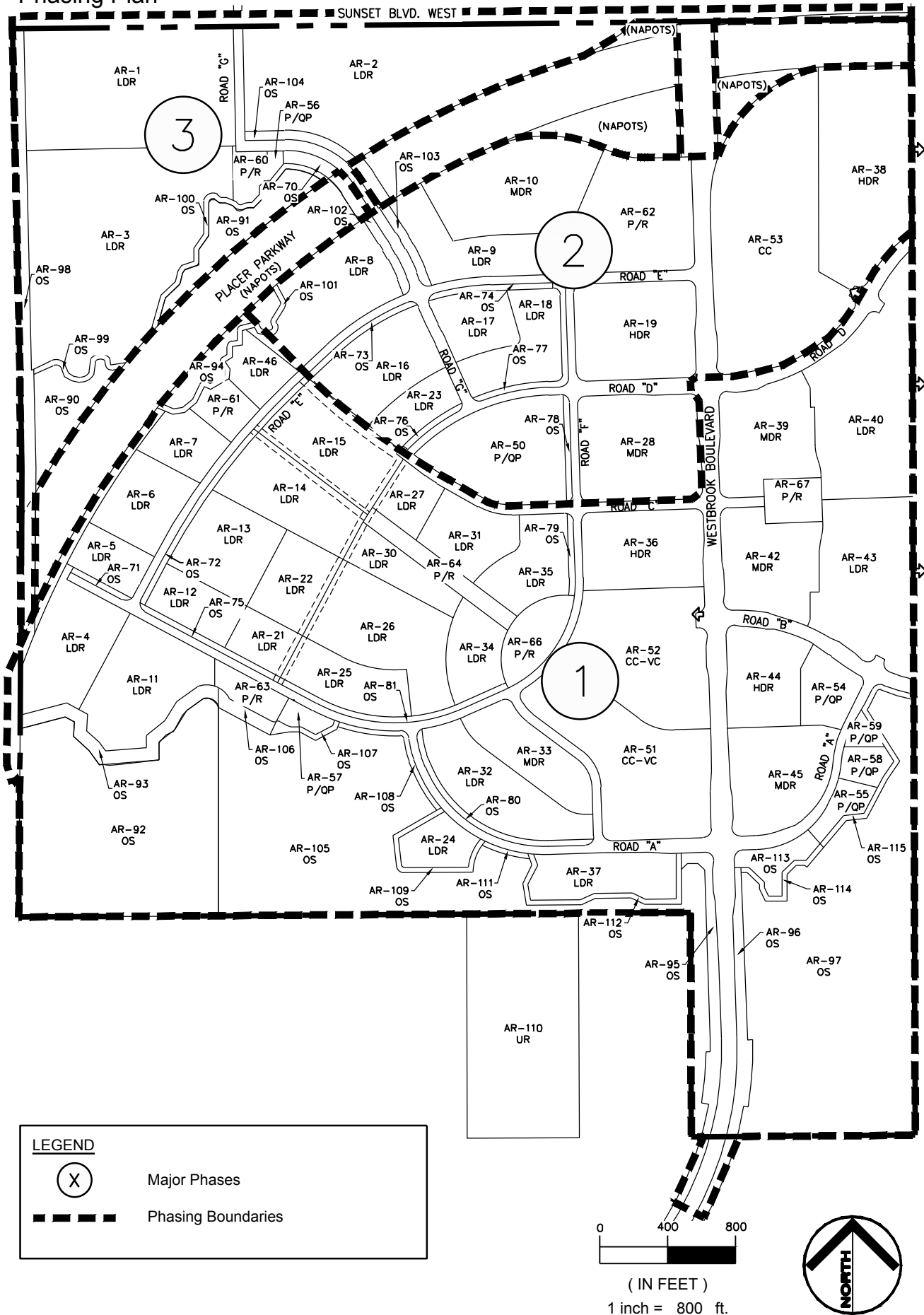


Exhibit H

Road Improvements

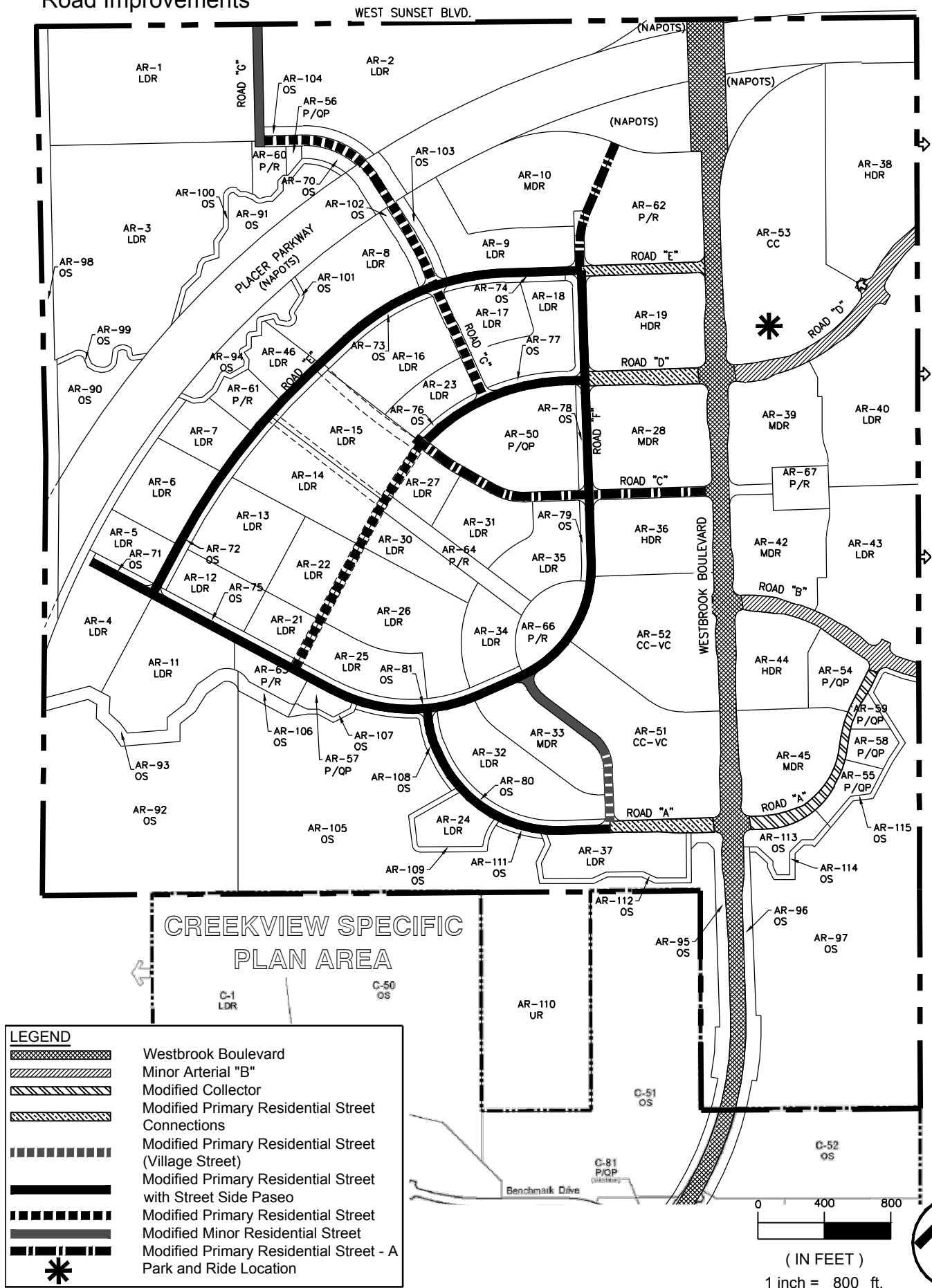
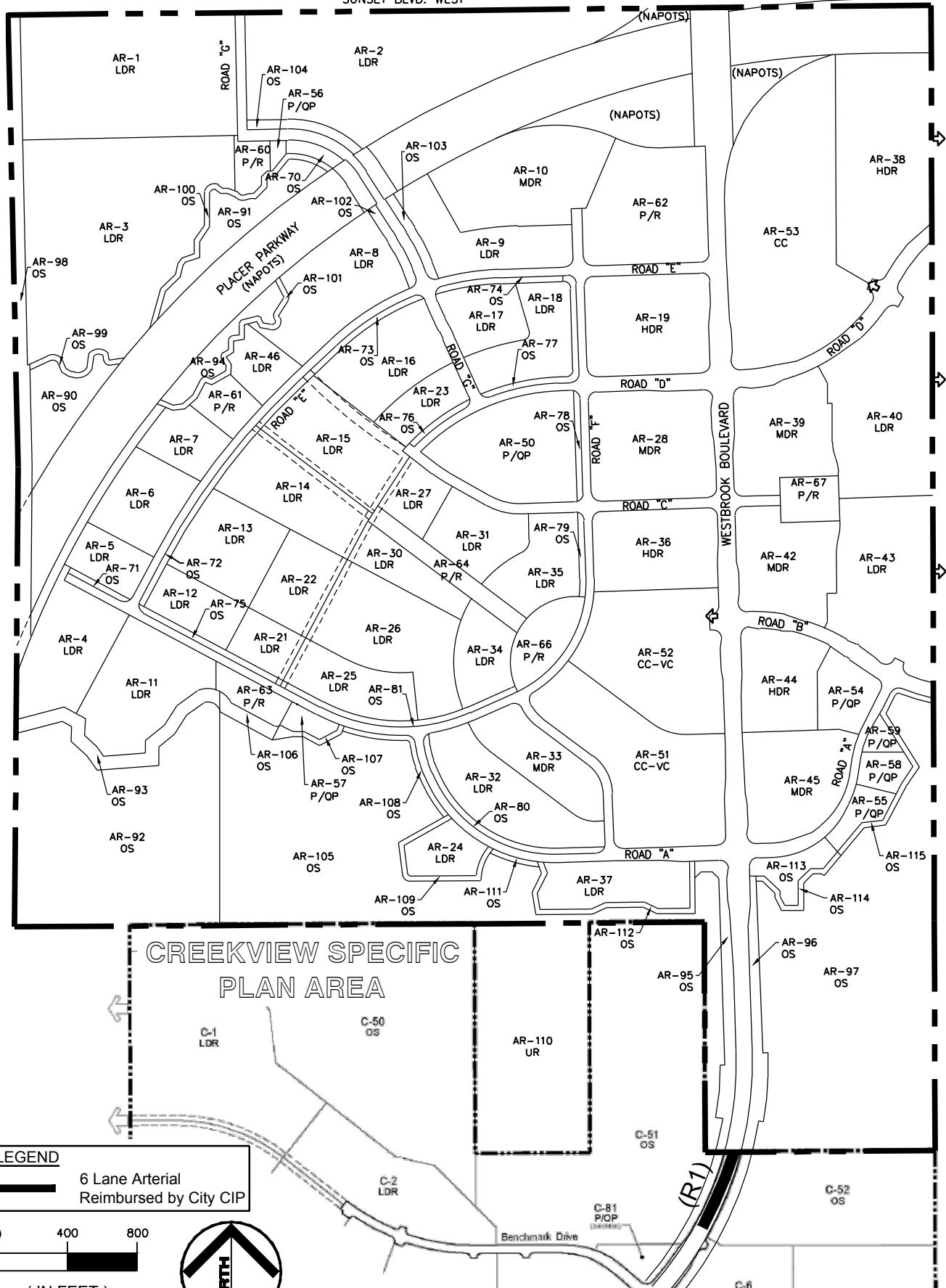


Exhibit H-1

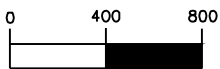
Offsite Road Facilities For Reimbursement

SUNSET BLVD. WEST



LEGEND

6 Lane Arterial
Reimbursed by City CIP



(IN FEET)

1 inch = 800 ft.



EXHIBIT H-2
OFFSITE ROADWAY REIMBURSEMENT SCHEDULE

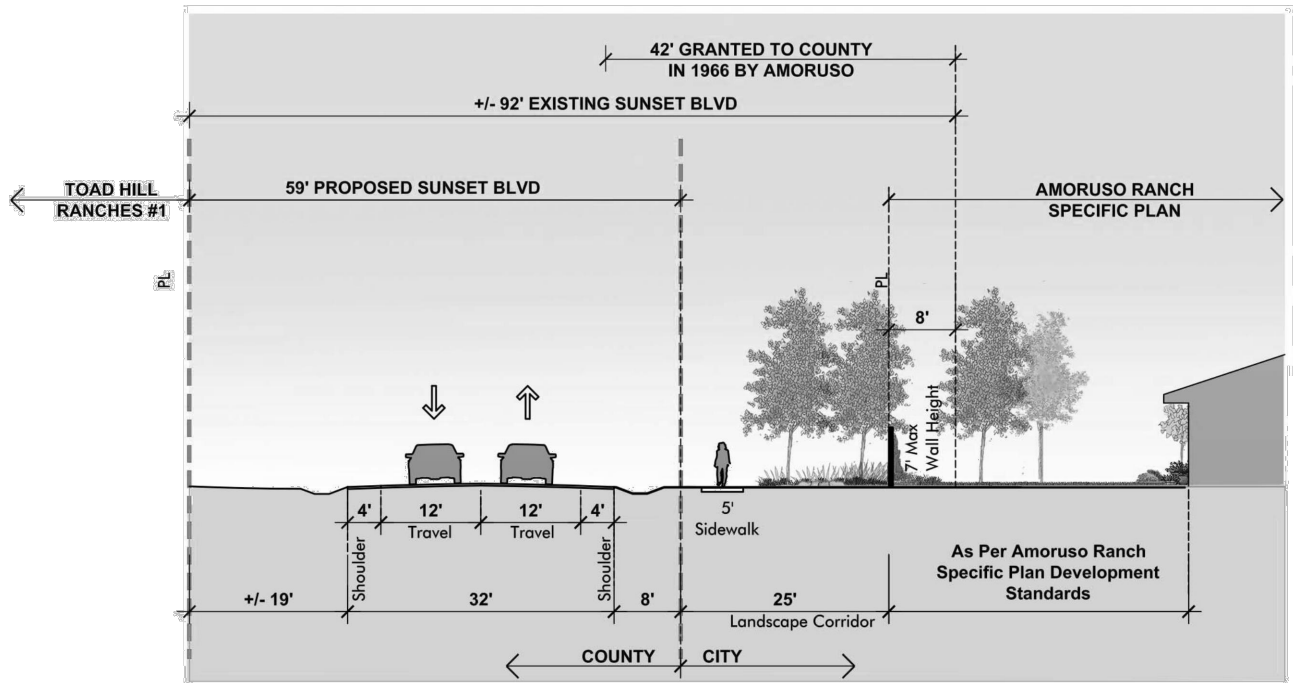
ROADWAY REIMBURSEMENTS						
Reimbursements to ARSP						
No	Roadway Segment	Approx. Length	Reimbursement From	Overall Reimbursement Cost	% Reimbursement	Reimbursement Owed to ARSP
1	R1	510'	City CIP	\$ 1,228,324	100.00	\$ 1,228,324

Note:

1. Improvements are subject to annual adjustments for CCI.
2. Reimbursement estimate is based on the Creekview Specific Plan Development Agreement.

Exhibit H-A

Sunset Boulevard West Improvements - Typical Section



Proposed Future Sunset Boulevard West - CROSS SECTION

Exhibit H-□-□

□unset □oule□ard □ est Im□ro□ements - Road G Intersection

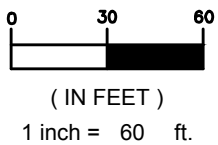
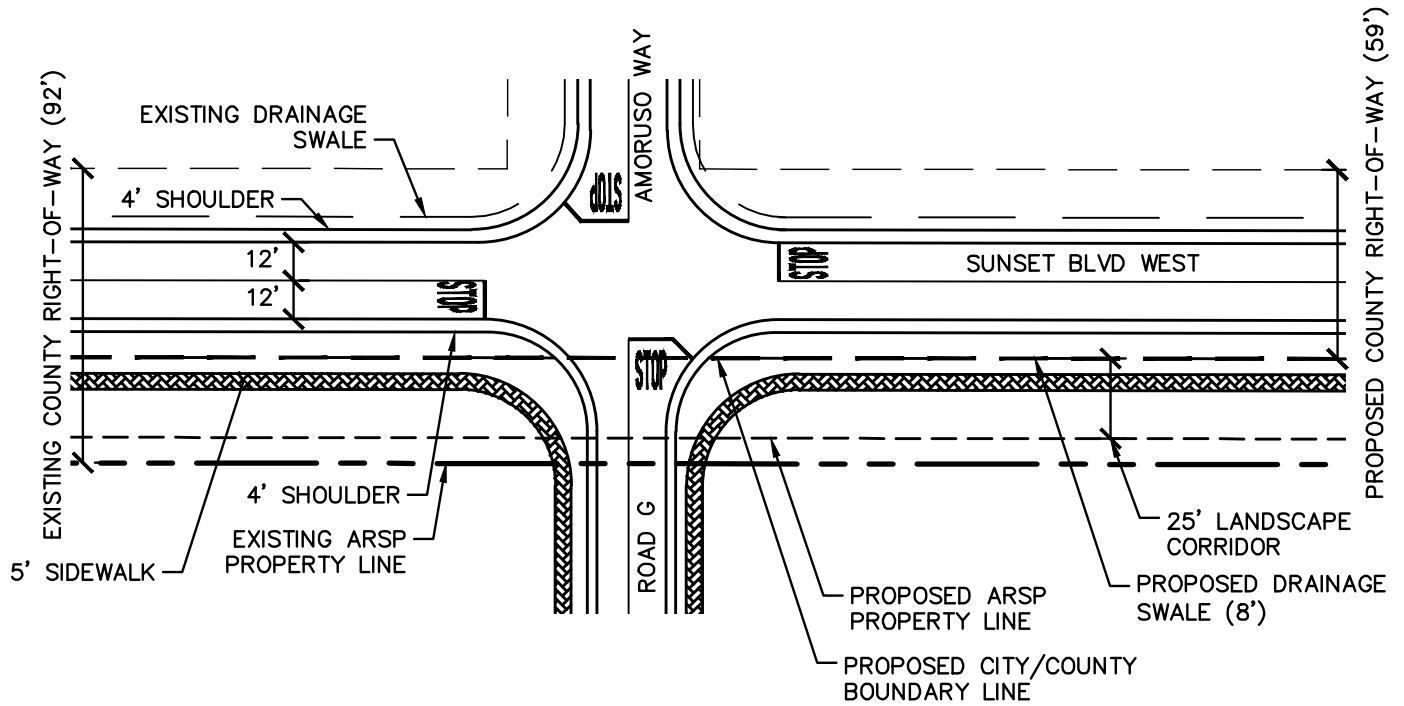
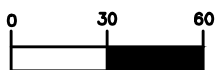
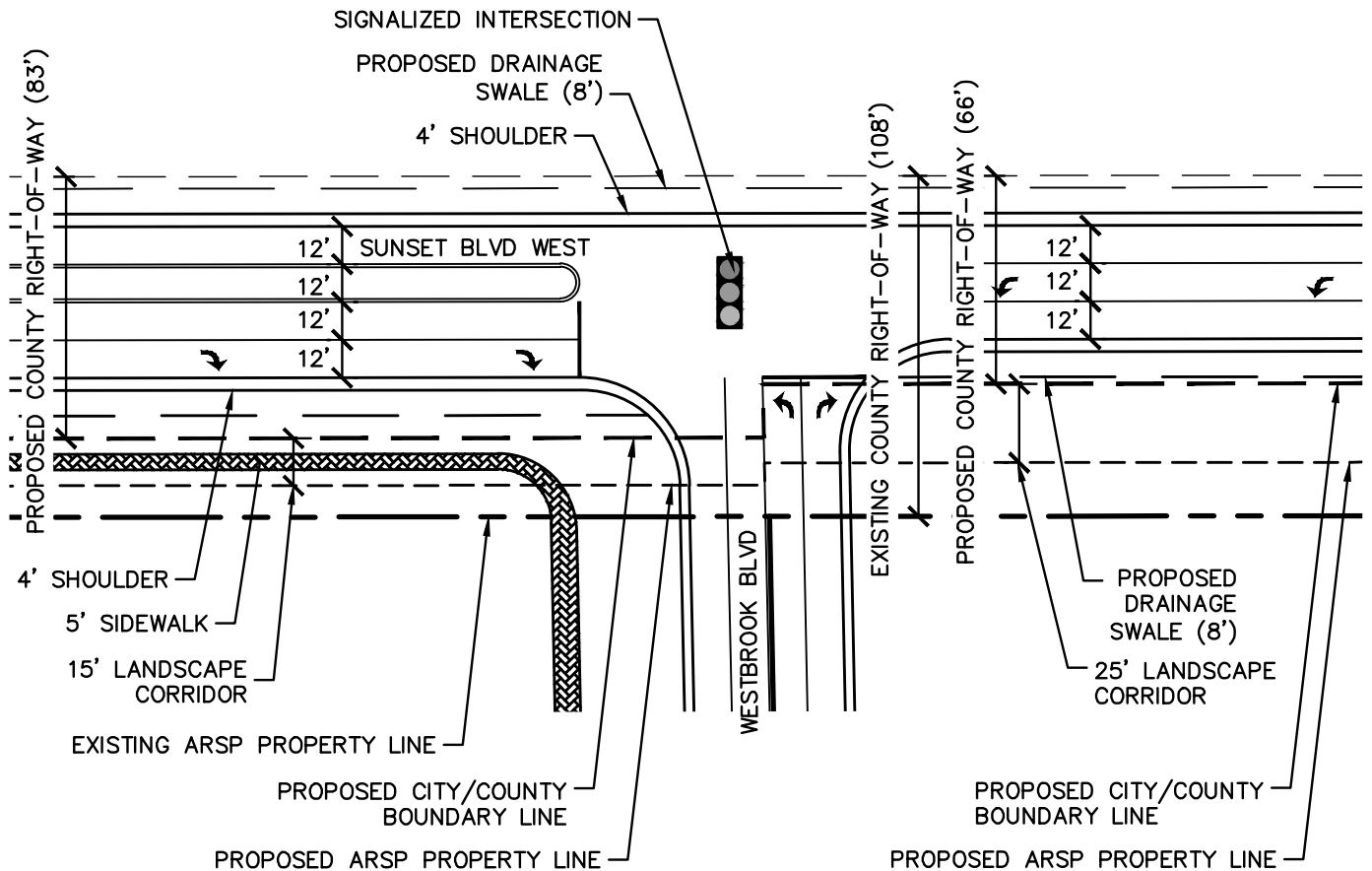


Exhibit H-C

Unsignal Boulevard West Street Improvements - Westbrook Boulevard Intersection



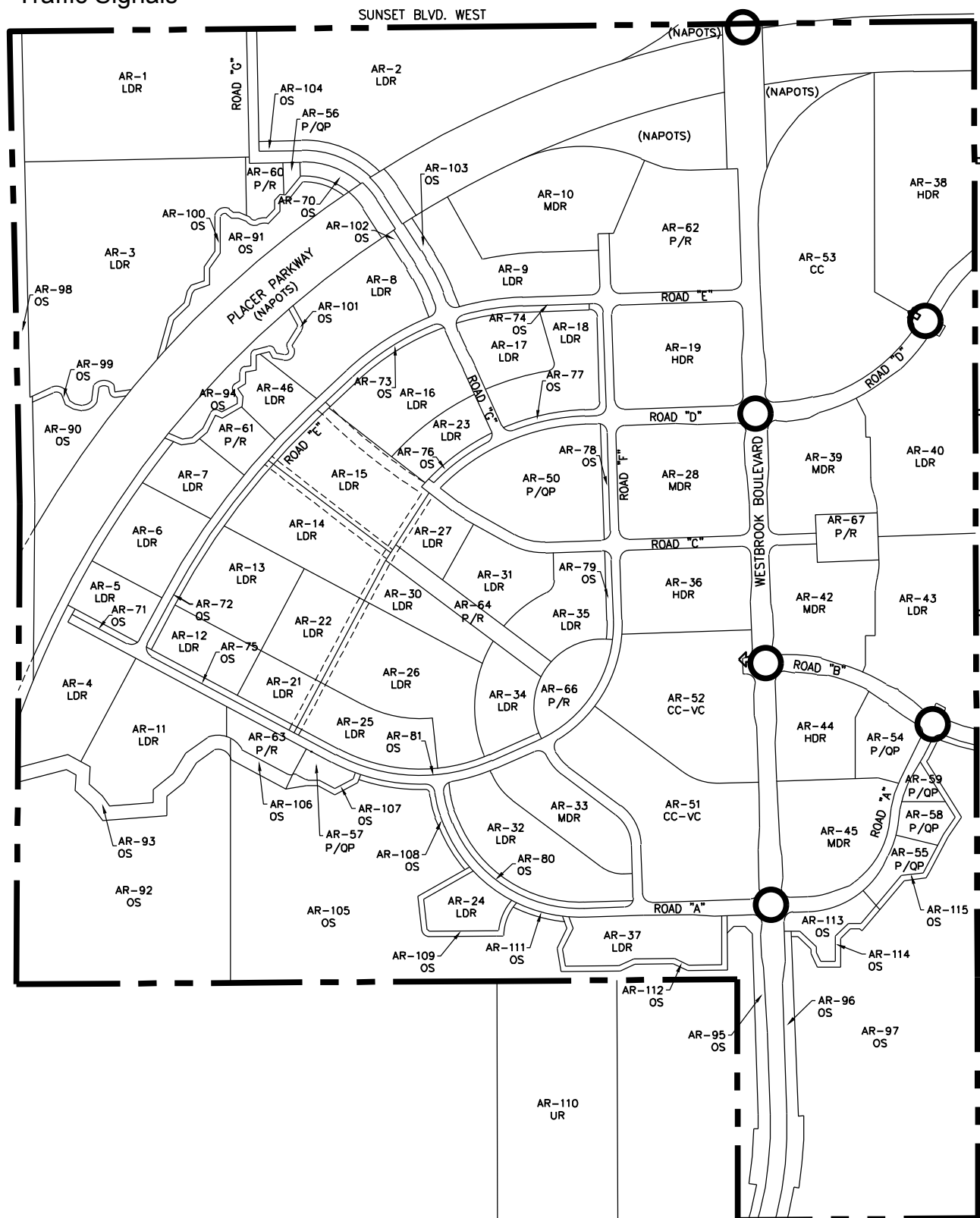
(IN FEET)

1 inch = 60 ft.



Exhibit I

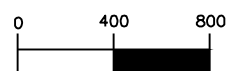
Traffic Signals



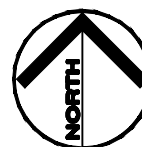
LEGEND



Traffic Signal



(IN FEET)

$$1 \text{ inch} = 800 \text{ ft.}$$


Wastewater Facilities

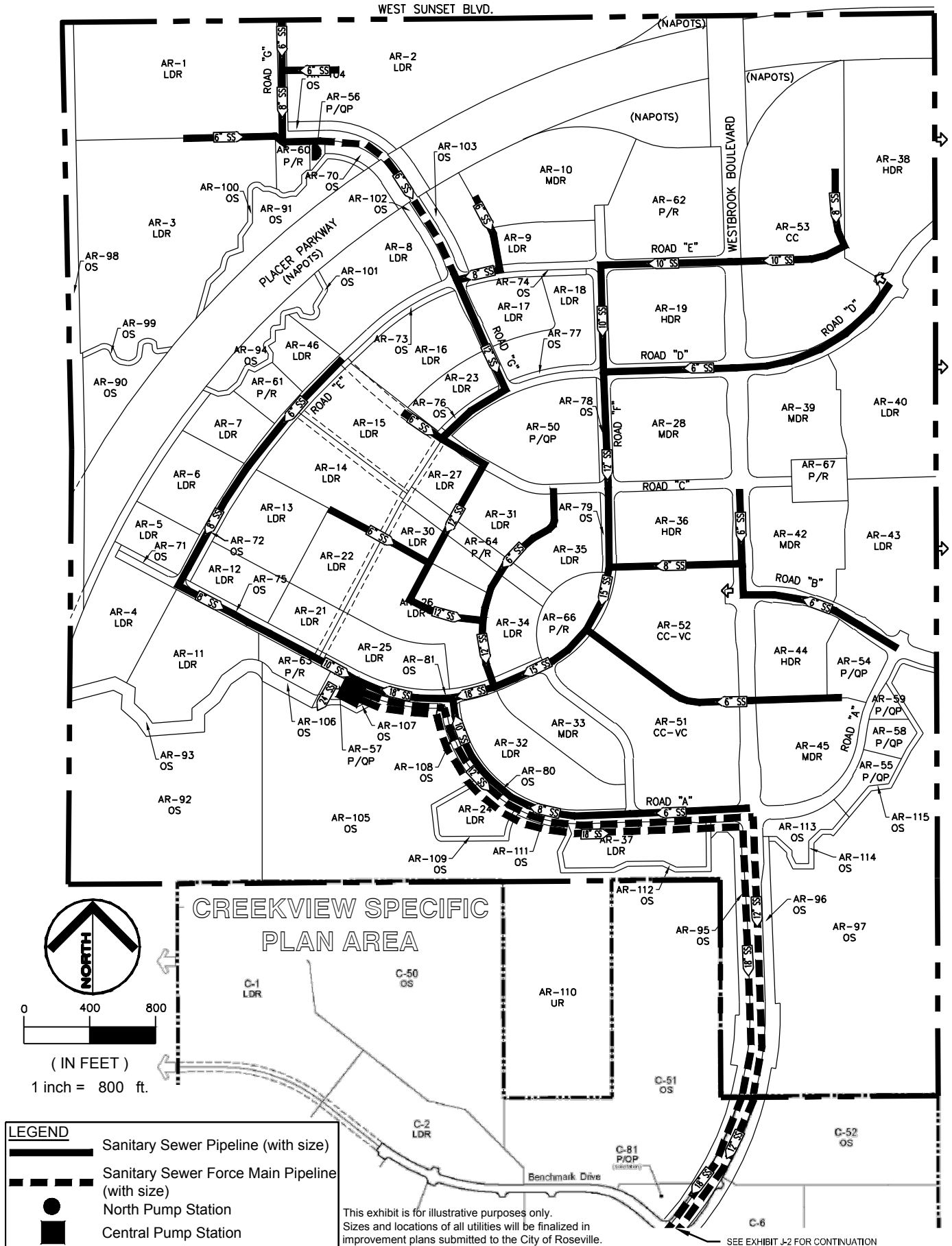
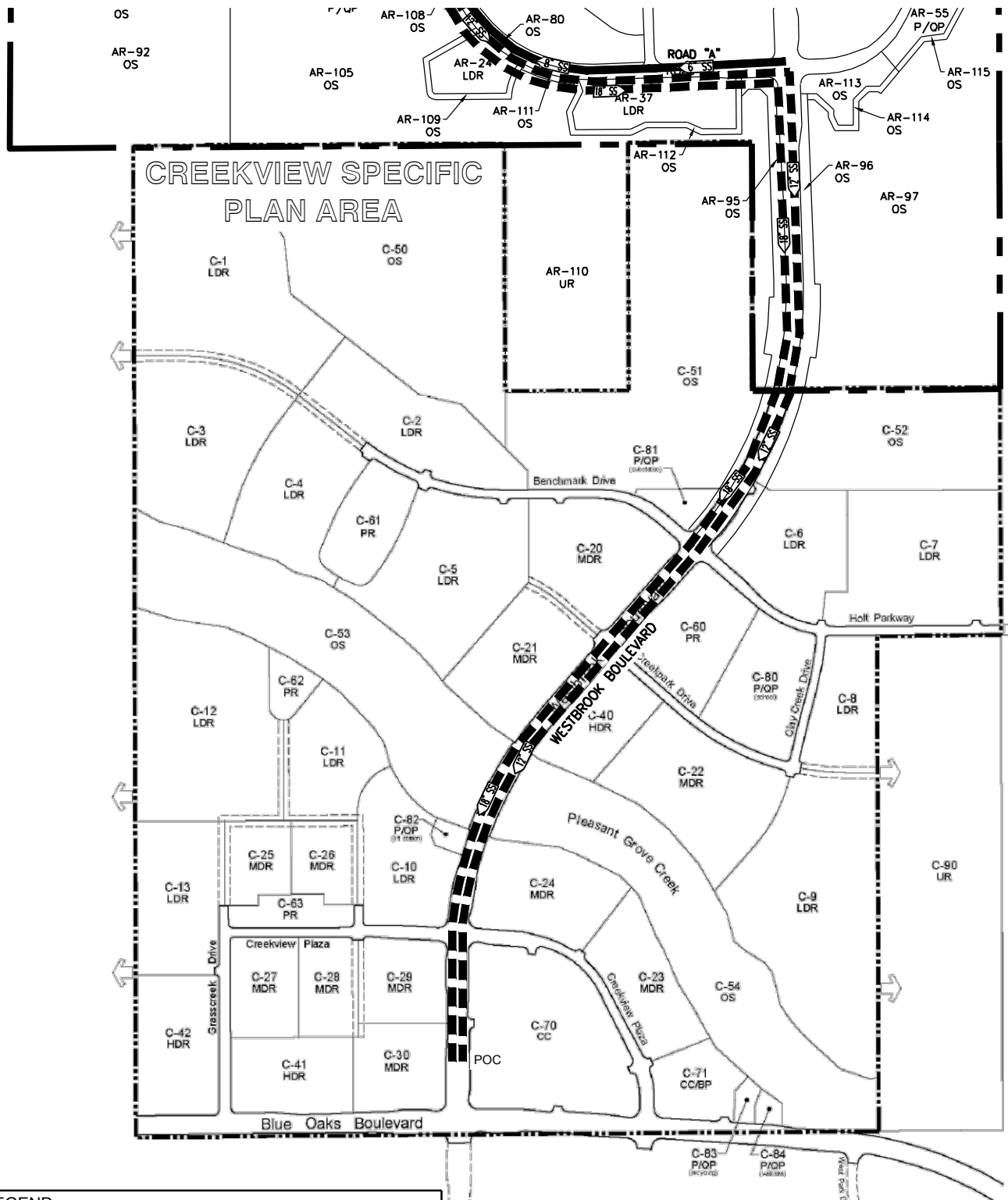


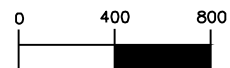
Exhibit J - 2 Wastewater Facilities



LEGEND

- Sanitary Sewer Pipeline (with size)
- Sanitary Sewer Force Main Pipeline (with size)
- POC Point of Connection

This exhibit is for illustrative purposes only.
 Sizes and locations of all utilities will be finalized in
 improvement plans submitted to the City of Roseville.



(IN FEET)

1 inch = 800 ft.



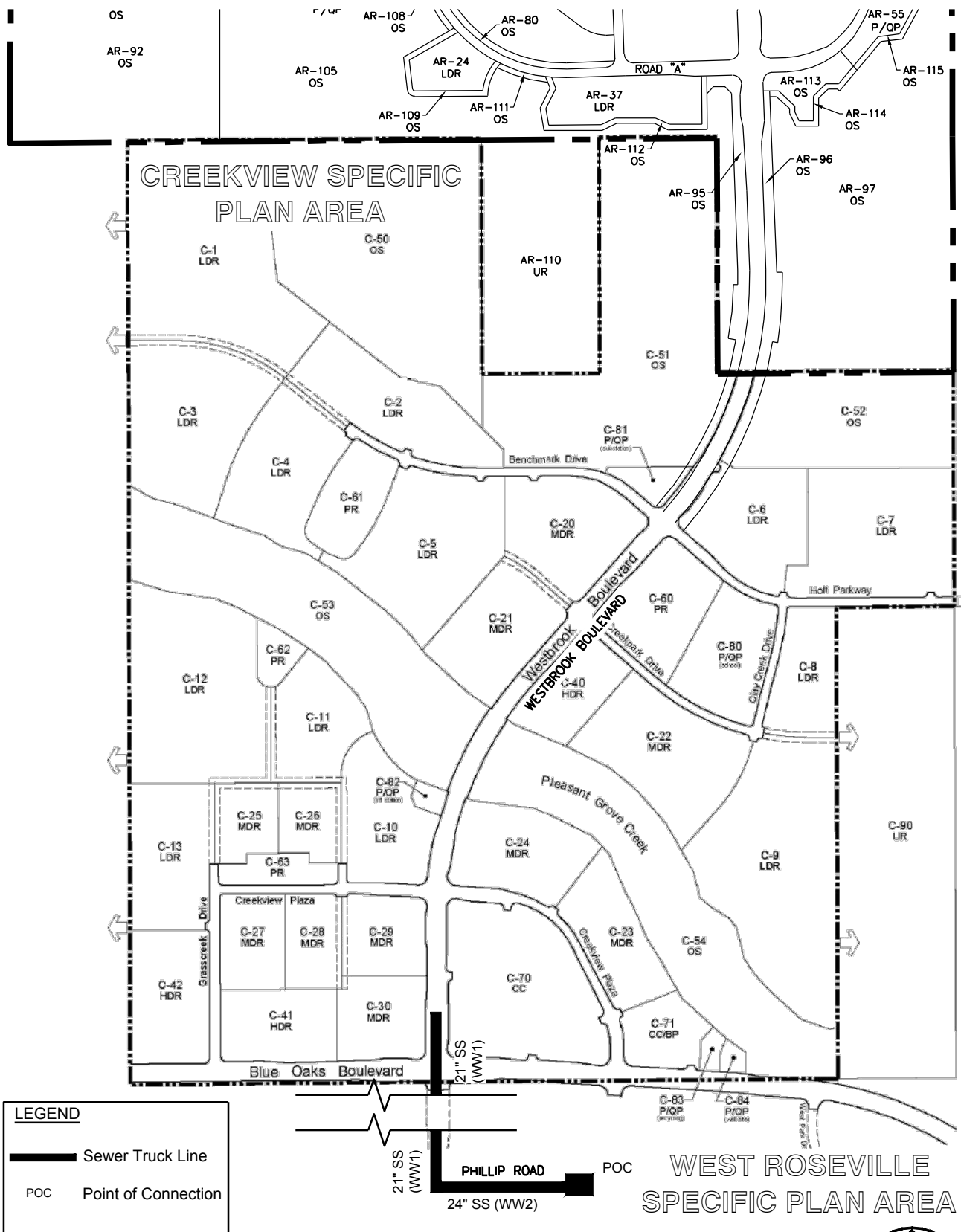


EXHIBIT K-2
OFFSITE WASTEWATER REIMBURSEMENT SCHEDULE

WASTEWATER REIMBURSEMENTS									
Reimbursements From ARSP									
No	Wastewater Segment	Size	Approx. Length	ARSP Flow (mgd)	Total Flow (mgd) ⁴	Reimbursable Party	Overall Reimbursement Cost	% Reimbursement	Reimbursement Owed
1	WW1	21"	1,790'	0.606	1.039	CSP	\$ 243,256	58.33%	\$ 141,880
2	WW2	24"	Per WRSP DA	0.606	1.214	WRSP	\$ 378,000	49.92%	\$ 188,689

Note:

1. Improvements are subject to annual adjustments for CCI.
2. Reimbursement estimate is based on the Creekview Specific Plan Development Agreement and West Roseville Specific Plan Development Agreement.
3. ARSP is responsible for ARSP force main system within CSP.
4. Total flow includes Creekview SP and may include other third parties. See Creekview DA Exhibit P and Exhibit Q.

Exhibit L Groundwater Well

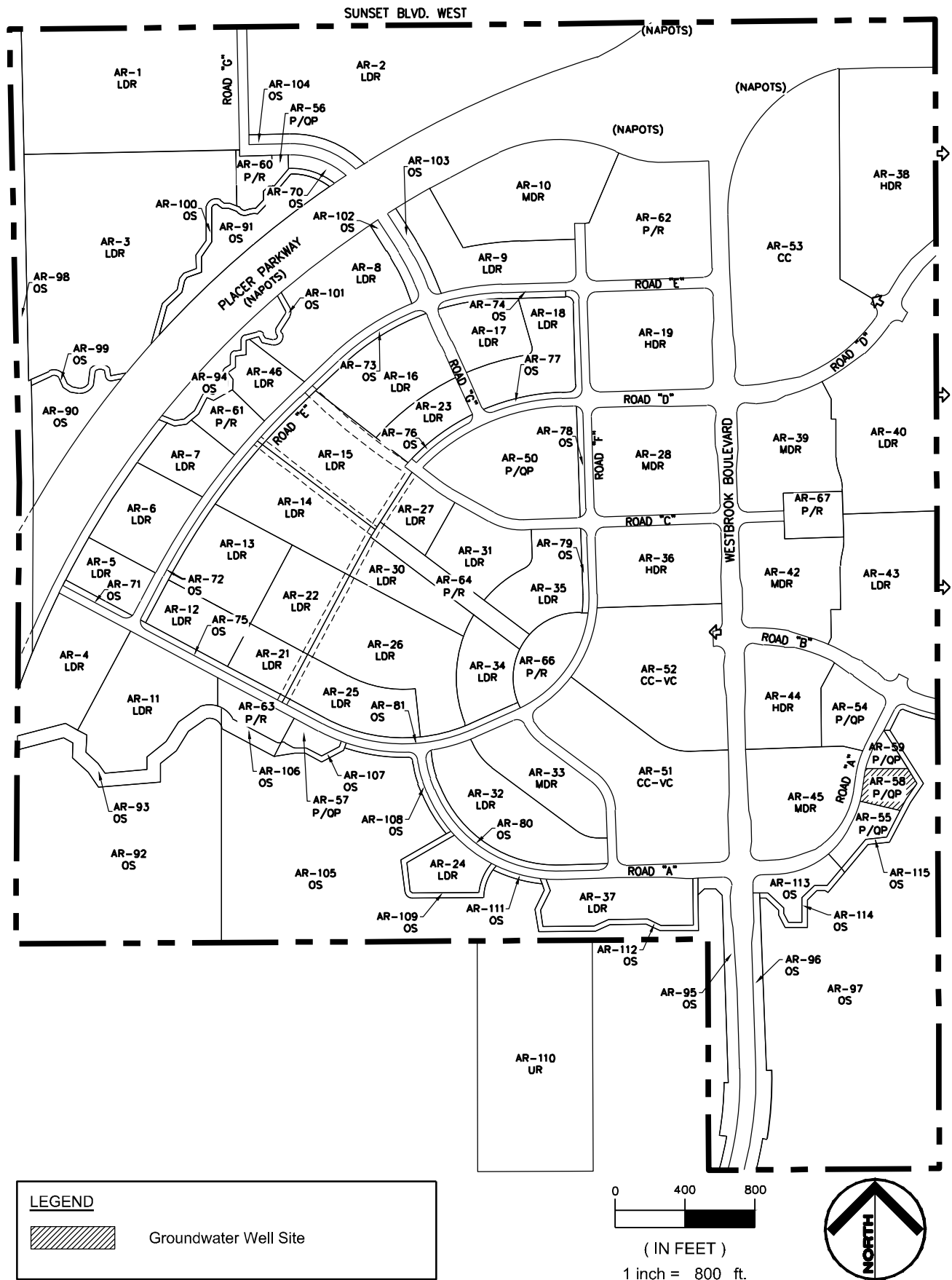
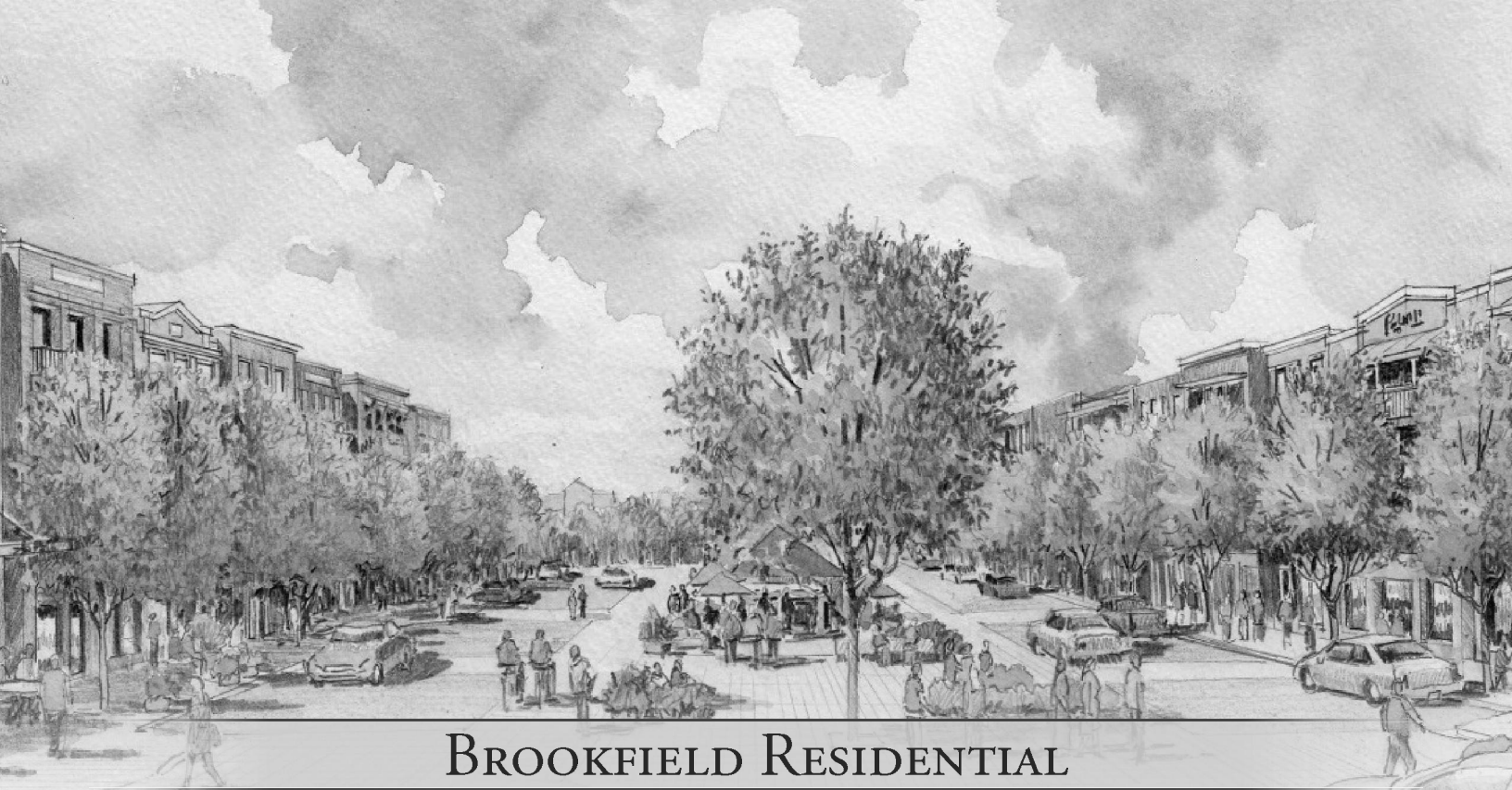


Exhibit M
Water Conservation Plan



BROOKFIELD RESIDENTIAL

Amoruso Ranch Specific Plan Area

April 2016

WATER CONSERVATION PLAN



Prepared for:

Brookfield
Residential

Prepared by:

Kimley»Horn

Brookfield Residential

Amoruso Ranch Specific Plan Area

Water Conservation Plan

Prepared By:

Kimley»»Horn



Table of Contents

INTRODUCTION.....	1
Water Conservation Plan Purpose.....	1
ARSP Area Location and Description	1
Project Vicinity.....	1
Pre-Development Conditions.....	3
ARSP Area Development Opportunities and Constraints	5
ARSP Area Land Use Plan	7
BASELINE WATER USE ESTIMATION	9
Table 1: City of Roseville Demand Factors.....	10
Table 2: Water Use Estimation – LDR, MDR and HDR	11
Table 3: Water Use Factors and Demands.....	12
Single Family Residential Water Use Distribution	13
Table 4: Single Family Residential Water Usage.....	13
Table 5: Residential Irrigation Water Demands	14
WATER USE REDUCTION STRATEGIES	15
Reduction of Residential Turf Areas	15
Table 6: Reduced Landscape Turf Area.....	17
Table 7: Front Yard Irrigated Area Water Efficiencies.....	17
Reduction of Park and Recreation and Common Area Turf (Non-Residential)	19
Table 8: Non-Residential Irrigated Area Water Efficiencies	20
Irrigation Management.....	21
Table 9: Smart Irrigation Controller Water Efficiencies	22
Water Conservation Methods	22
Table 10: Recirculating Hot Water System Water Efficiencies.....	23
SUMMARY.....	23
Table 11: Summary of Water Efficiencies.....	24
REFERENCES.....	25

FIGURES

Figure 1: ARSP Area Project Vicinity2

Figure 2: ARSP Area Pre-Development Conditions.....4

Figure 3: ARSP Area Opportunities and Constraints.....6

Figure 4: ARSP Area Land Use Plan.....8

Figure 5: Front Yard Water Conservation Comparison.....16

INTRODUCTION

The Amoruso Ranch Specific Plan (ARSP) Area Water Conservation Plan (Plan) has been prepared at the request of Brookfield Residential Properties, Inc. (Brookfield) to meet the City of Roseville's (City) requirements and in support of the ARSP process.

WATER CONSERVATION PLAN PURPOSE

In February 2008, then California Governor Arnold Schwarzenegger introduced a seven-part comprehensive plan for improving the Sacramento-San Joaquin Delta. As part of this effort, the Governor directed state agencies to develop a plan to reduce statewide per capita urban water use by 20 percent by the year 2020. In February 2010, the State Water Resources Control Board issued the 20x2020 Water Conservation Plan.

As part of the response to the 20x2020 Plan, the City has a requirement that all new specific plan projects incorporate water conservation measures into the overall project design such that the overall water demands (both potable and recycled) are reduced. The City has an overall conservation goal of 20% for potable and irrigation water usage throughout the City.

This Plan presents potentially feasible measures and guidance that can result in a reduction of the projected overall water usage within the ARSP Area, which will contribute towards the City-wide conservation goal. The projected reduction in water use will be established as part of this Plan through a process of: estimating the baseline water demands without conservation measures; identification of potentially feasible conservation measures; and estimation of the resultant water demands with application of the identified conservation measures. This Plan has been developed in conformance with the Water Efficient Landscape Ordinance (WELO) as a minimum.

ARSP AREA LOCATION AND DESCRIPTION

Project Vicinity

The ARSP Area consists of approximately 694.4 acres located in the northwest edge for the City of Roseville. Prior to the Specific Plan's adoption, the plan area was recognized as a logical growth extension for the City. The Specific Plan Area is bounded on the southwest by the Al Johnson Wildlife Area, to the west by the Gleason property, to the south by the Creekview Specific Plan Area, to the east by the future proposed Placer Ranch Specific Plan Area and to the north by the existing Toad Hills Ranches #1 area and unincorporated Placer County. The project vicinity is shown on Figure 1.

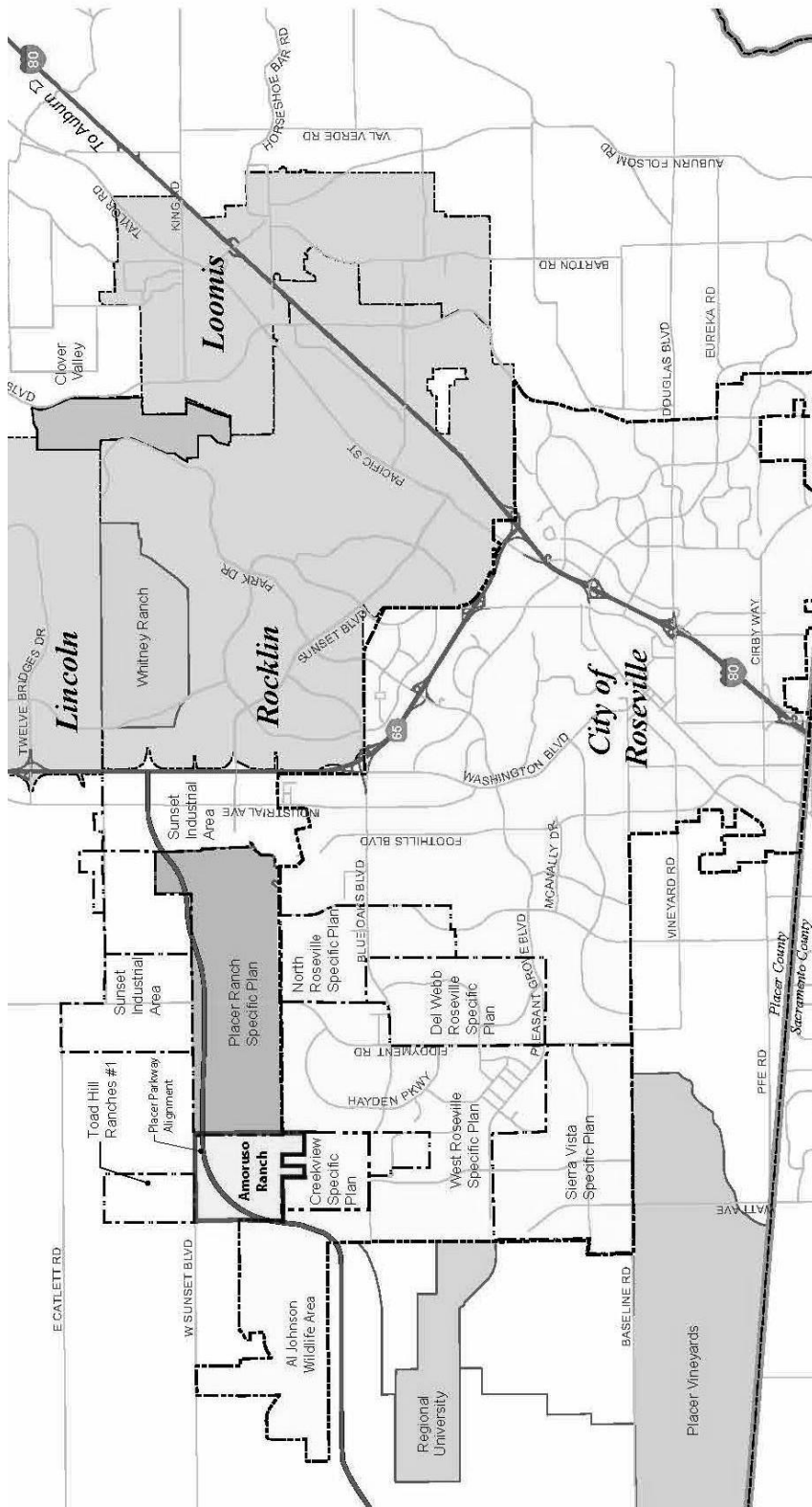


Figure 1 – ARSP Area Project Vicinity

Pre-Development Conditions

The pre-development conditions of the ARSP Area were as a cattle ranch and for irrigated crops. The primary use was open grazing land, but included a small ranch house and out buildings. The land is gently rolling terrain generally trending to the west and south. Minor drainages flow in a radial pattern from a slight rise in the northeast quadrant of the property. The elevation changes from approximately 115 feet to 71 feet gently from the northeast down to the southwest.

The site vegetation is generally limited to short, seasonal grasses. There are several oak trees located along University Creek and a number of non-native trees located around the former ranch house. Wetland conditions and their associated flora and fauna are located in small areas typically along the drainage corridors and in flats along the southern boundary. Figure 2 highlights the ARSP Area pre-development conditions.

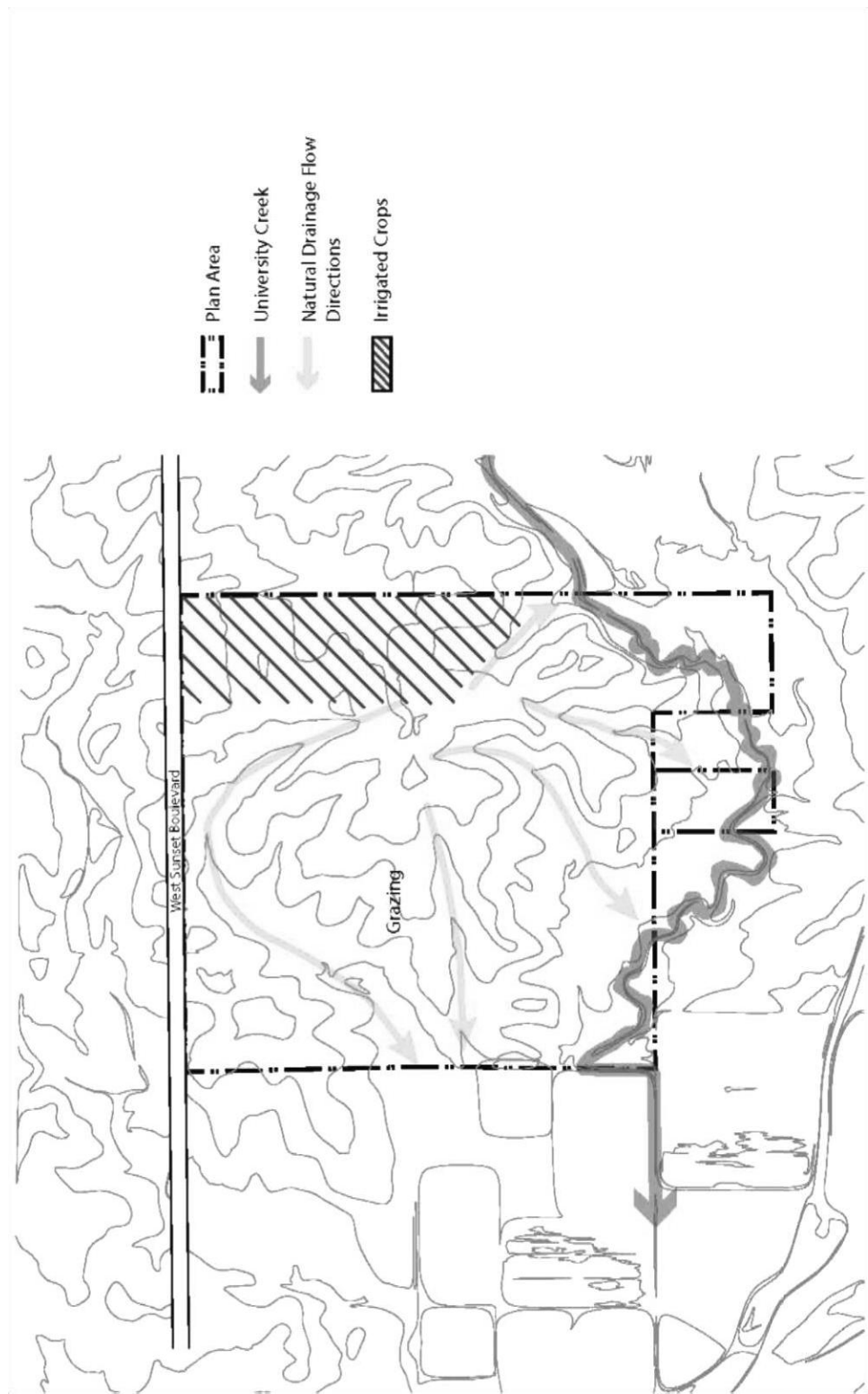


Figure 2 – ARSP Area Pre-Development Conditions

ARSP Area Development Opportunities and Constraints

The proposed ARSP Area land use plan is influenced by several factors, including the physical setting, land use and circulation conditions, and public policies. Two significant aspects that influence the development of the land plan are described below and depicted on Figure 3.

Placer Parkway

The proposed Placer Parkway will be a dominant feature that sweeps through the ARSP Area. Interchanges at Fiddymment Road and Santucci Boulevard will provide access to the ARSP Area.

Open Space and Resources Preservation

The ARSP Area will support open space and resource preservation by providing permanent open space. In combination with the 1,700-acre open space afforded by the City of Roseville Al Johnson Wildlife Area, this open space provides connectivity with open space within the Creekview Specific Plan Area, and lands to the east of the ARSP Area.

The Amoruso Ranch Specific Plan will provide an open space corridor that includes a pedestrian and bike path linkage between this major open space area and the City's regional trail system. In addition, the corridor will provide a permanent preservation area for wetland resources.

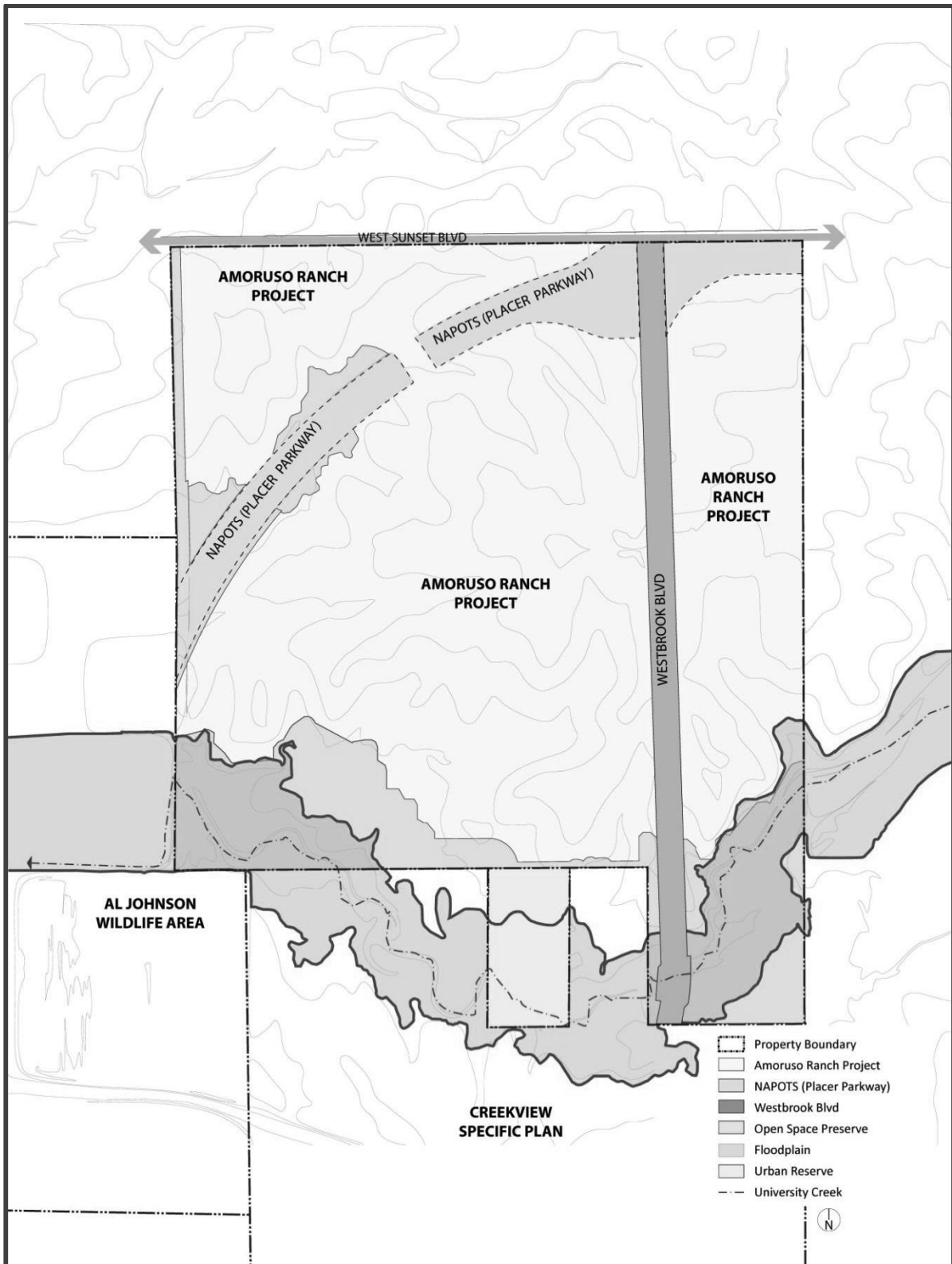
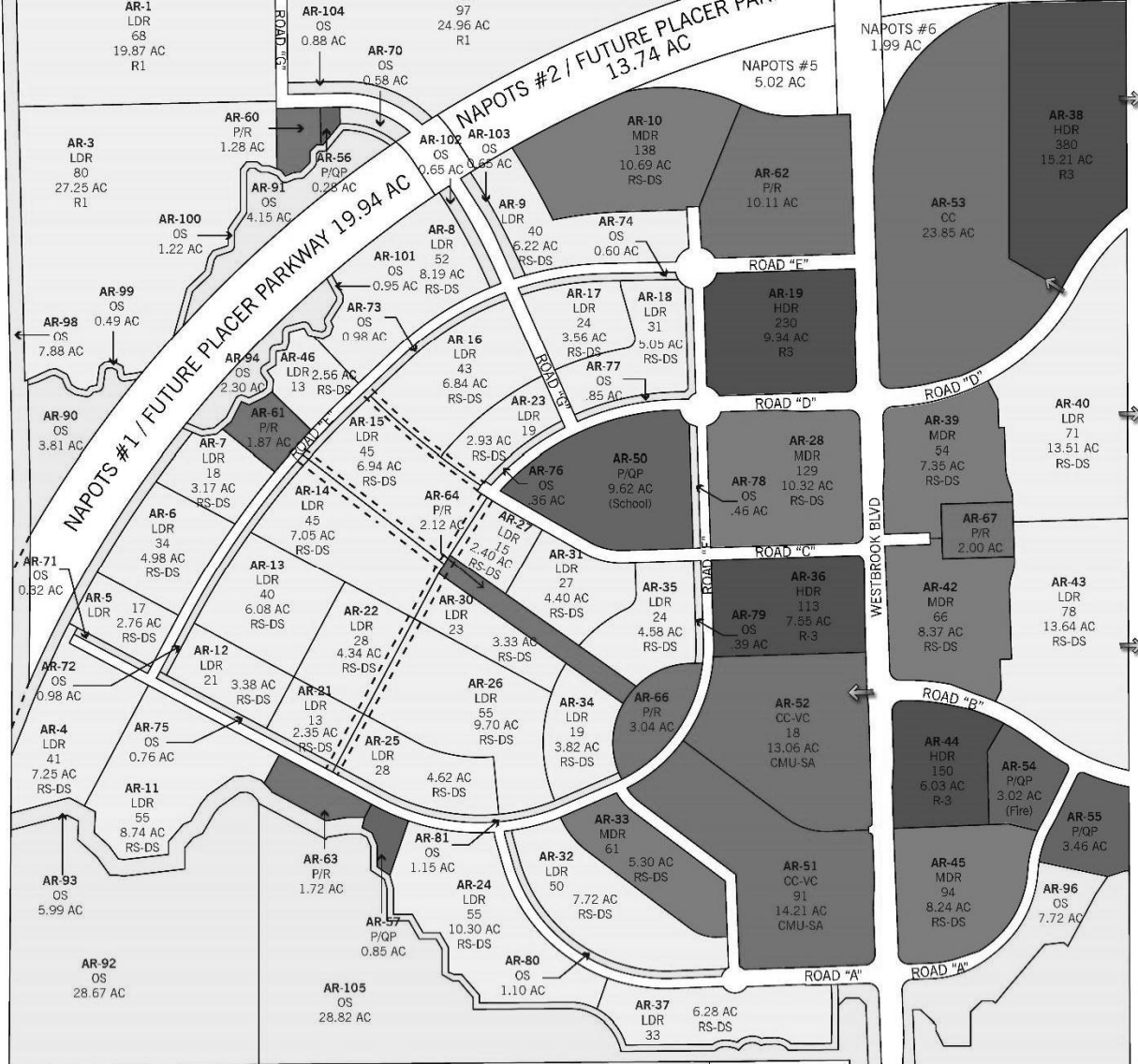


Figure 3 – ARSP Area Opportunities and Constraints

ARSP Area Land Use Plan

The ARSP Area provides for a mix of land uses to achieve the desired community form and objectives. These land use designations include low-, medium- and high density residential uses; commercial and office uses; which in some cases are sited with one another and/or with residential uses, public and quasi-public uses for the schools and civic activities such as a fire station, parks and open space uses, and an urban reserve.

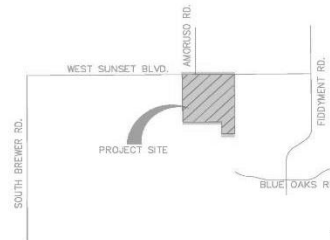
At buildout, the ARSP Area will provide for 2,827 dwelling units, it adds approximately 51 acres of commercial retail and office land uses, and provides approximately 22-acres of parks and 146-acres of open space. The ARSP Area Land Use Plan is shown in Figure 4.



- LOW DENSITY RESIDENTIAL (LDR) (0.5-6.9 D.U./AC)
- MEDIUM DENSITY RESIDENTIAL (MDR) (7.0-12.9 D.U./AC)
- HIGH DENSITY RESIDENTIAL (HDR) (13.0-30.0 D.U./AC)
- COMMUNITY COMMERCIAL (CC)
- PUBLIC/QUASI PUBLIC (P/QP)
- PARKS AND RECREATION (P/R)
- OPEN SPACE (OS)
- (PRESERVED OPEN SPACE/GENERAL OPEN SPACE)
- URBAN RESERVE (UR)
- MISC. ROADS
- NAPOTS (NOT A PART OF THIS SUBDIVISION)

Map key

AR-1: Parcel Number
 LDR: General Plan Designation
 100: Allocated Dwelling Units
 12.00 AC: Parcel Acreage
 RS-DS: Zoning Designation



EXCEL FILE: 15_0904 LAND USE PLAN
 AUTO CAD: 15_0904_AR base

AMORUSO RANCH - 15_0904 LAND USE PLAN

BROOKFIELD RESIDENTIAL, ROSEVILLE, CA

DAHLIN
group

JOB NO. 316.002
DATE 09-04-2015
 5865 Owens Drive
 Pleasanton, CA 94588
 925-251-7200

N

Figure 4 – ARSP Area Land Use Plan

BASELINE WATER USE ESTIMATION

The calculation of the baseline water use estimation was established based on the land use designations developed as part of the ARSP Area Land Use Plan shown on Figure 4.

The baseline water use for the project was established using the City's standard water use factors, as developed for the City by MWH in 2006. The City of Roseville employs standard demand factors for residential land uses of varying densities, as well as standard demand factors for commercial/other land uses. The residential demands are presented as gallons per day (GPD) per dwelling unit (DU), and the commercial/other demands are presented as GPD per acre. The City's demand factors are listed in Table 1.

Table 1
Amoruso Ranch Specific Plan
Water Conservation Plan
City of Roseville Demand Factors

General Plan Land Use Category	Average Day Demand
Residential GPD/DU	
LDR1: < 3.5 DU / Acre	728 GPD/DU
LDR2: > 3.5 to 5 DU / Acre	600 GPD/DU
LMDR1: > 5 to 6 DU / Acre	521 GPD/DU
LMDR2: > 6 to 8 DU / Acre	430 GPD/DU
MDR: > 8 to 12 DU / Acre	323 GPD/DU
HDR1: > 12 to 16 DU / Acre	288 GPD/DU
HDR2: > 16 DU / Acre	177 GPD/DU
Non-Residential GPD/Acre	
Commercial / Retail	2598 GPD/Acre
Business Professional	2598 GPD/Acre
Light Industrial	2598 GPD/Acre
Industrial	2562 GPD/Acre
Railroad Yard	109 GPD/Acre
Elementary School	3454 GPD/Acre
High School	4068 GPD/Acre
Public (Fire Station, etc)	1780 GPD/Acre
Park / Recreation	2988 GPD/Acre
Open Space / ROW	0 GPD/Acre
Vacant	0 GPD/Acre

Utilizing the City's demand factors, the estimated annual water use for the Low-, Medium- and High-Density Residential units proposed within the ARSP Area have been calculated. The basis of the Low-, Medium- and High-Density Residential water use is presented within Table 2.

Table 2
Amoruso Ranch Specific Plan
Water Conservation Plan
Water Use Estimation – LDR, MDR and HDR

Land Use Category Density	Number of Units	Average Day Demand (GPD/DU)	Total Average Day Demand (GPD)	Total Average Day Demand (AFY)	Total Average Day Demand with 2% (AFY) ¹
LDR1: < 3.5 DU / Acre	148	728	107,744	120.7	123.1
LDR2: > 3.5 to 5 DU / Acre	116	600	69,600	78.0	79.5
LMDR1: > 5 to 6 DU / Acre	401	521	208,921	234.0	238.7
LMDR2: > 6 to 8 DU / Acre	757	430	325,510	364.6	371.9
MDR: > 8 to 12 DU / Acre	155	323	50,065	56.1	57.2
HDR1: > 12 to 16 DU / Acre	380	288	109,440	122.6	125.0
HDR2: > 16 DU / Acre	760	177	134,520	150.7	153.7
Community Commercial - Village Center – Residential	109	288	31,392	35.2	35.9
Urban Reserve	1	728	728	0.8	0.8
Total	2,827	-	1,037,920	1,162.6	1,185.9

The water use estimation, as established by the City for purposes of water conservation does not distinguish between potable water and recycled water. Table 3 includes a summary of the estimated baseline water demands. Consistent with previous similar analyses completed by the City, a factor for water system losses has not been included in the water conservation calculations. It has, however, been included for informational purposes in both Tables 2 and 3.

¹ Demand accounts for 2% system losses.

Table 3
Amoruso Ranch Specific Plan
Water Conservation Plan
Water Use Factors and Demands

Land Use	Land Use Abbreviation/ Zoning	Total Area (Acres)	Dwelling Unit Count	Water Use Factor	Daily Demand (GPD)	Annual Demand (AFY)	Annual Demand with 2% (AFY) ¹
Low Density Residential	LDR	248.77	1,302	Varies	660,175	739.5	754.3
Medium Density Residential	MDR	50.27	542	Varies	178,561	200.0	204.0
High Density Residential	HDR	38.13	873	Varies	167,064	187.1	190.9
Community Commercial - Village Center - Residential	CMU-SA (Commercial Mixed-Use - Special Area)	Included On Next Line	109	288	31,392	35.2	35.9
Community Commercial - Village Center – Non-Residential	CMU-SA (Commercial Mixed-Use - Special Area)	27.27	-	2,598	70,847	79.4	80.9
Community Commercial	CC (Community Commercial)	23.85	-	2,598	61,962	69.4	70.8
Open Space (Paseos)	OS	10.71	-	2,988	32,001	35.8	36.6
Open Space (General)	OS	37.24	-	0	0	0	0
Open Space (Preserve)	OS	97.58	-	0	0	0	0
Parks & Recreation	PR	22.14	-	2,988	66,154	74.1	75.6
Public / Quasi Public (School)	P/QP (School)	9.62	-	3,454	33,227	37.2	38.0
Public / Quasi Public (Fire Station & Utility Site)	P/QP	7.61	-	1,780	13,546	15.2	15.5
Urban Reserve	UR	20.00	1	728	728	0.8	0.8
Rights-of-Way	ROW	52.04	-	0	0	0	0
Not a Part of This Subdivision	NAPOTS	49.16	-	0	0	0	0
Total		694.4	2,827	-	1,315,659	1,473.7	1,503.2

¹ Demand accounts for 2% system losses.

SINGLE FAMILY RESIDENTIAL WATER USE DISTRIBUTION

Single family residential water use for land use designations for Low-, Medium- and High-Density (LDR, MDR and HDR) parcels can be further divided by the use within the home and the landscape irrigation demands outside of the home.

Table 4 represents the typical single family residential water usage that would be attributable to residential units within the land use designation of LDR and MDR. The percentage of total use will have a different distribution for HDR primarily attributable to the reduction in irrigated landscaped area.

Table 4
Amoruso Ranch Specific Plan
Water Conservation Plan
Single Family Residential Water Usage

Residential Use	Percentage of Total¹
Landscaping	51%
Toilets	13%
Faucets, Cooking, Cleaning	10%
Showers	9%
Clothes Washing	8%
Bath	6%
Toilet Leaks	2%
Dishwasher	1%

Based on historic data the typical split between backyard and front yard irrigation of typical LDR and MDR parcels is approximately sixty-forty, with 60% of the landscape irrigation demand attributable to the backyard and 40% of the landscape irrigation attributable to the front yard. This is the result of typically smaller front yards than backyards along with less

¹ Percentage of total water use was derived from information obtained from the City of Roseville Frequently Asked Questions (FAQ) on the subject of water conservation.

landscape area in the front yard due to driveways and walks. Utilizing this ratio of front yard to backyard irrigation use, results in a further breakdown of the 51% total water use to 20.4% for the front yards and 30.6% for the backyards. The separation of front yard and backyard irrigation demands for LDR and MDR parcels allows analysis and application of different conservation measures between the two distinct areas.

The HDR units typically do not have front yard and backyard irrigation demand; however, there are common area irrigation demands that are attributable to HDR units. Average planning numbers for irrigation demands for HDR units is 20% of the estimated overall water usage. This value is expressed as 20% of the annual irrigation demand and not based on designation of demands split between front and back yard area designations. Table 5 presents a summary of demands based on the assumptions listed above.

Table 5
Amoruso Ranch Specific Plan
Water Conservation Plan
Residential Irrigation Water Demands

Land Use	Annual Demand (AFY)	Annual Demand Front Yard (AFY)	Annual Demand Backyard (AFY)	Annual Total Irrigation Demand (AFY)
Low Density Residential	739.5	150.86	226.29	377.15
Medium Density Residential	200.0	40.80	61.20	102.00
High Density Residential ¹	187.1	N/A	N/A	37.42
Urban Reserve	0.8	0.16	0.24	0.40
Total	1,127.4	191.82	287.73	516.97

¹ Demand for HDR parcels was calculated differently from LDR and MDR parcels, as described above. Demand for HDR parcels was not separated into front yard and backyard demand since traditional front and back yards are not present on HDR parcels.

WATER USE REDUCTION STRATEGIES

A series of implementable water use reduction strategies have been identified for the ARSP Area. These strategies are discussed in more detail in the following subsections of this document, including the estimated percentage of water use reduction.

The water use reduction strategies identified for the ARSP Area include:

- Reduction of Residential Turf Areas
- Reduction of Park and Recreation and Common Area Turf (Non-Residential)
- Irrigation Management
- Water Conservation Methods

REDUCTION OF RESIDENTIAL TURF AREAS

As represented in the previous sections and tables, turf areas account for a significant portion of the water demand of the residential development. In turn, this correlates to one of the greatest opportunities to reduce the projected water demands. The ARSP project will adopt a strategy to encourage the new residential developments to reduce the magnitude of front yard turf areas and plant these areas with vegetation that uses far less water.

The City of Roseville estimates that for a same sized area of turf, in comparison to utilization of low-water consumption vegetation, could result in a savings of up to 70% in the amount of water required. Therefore, 30% of the amount of water would be required for the low consumption vegetation as compared to the lawn area's water demand.

Low water consumption vegetation, benefits not only from the reduced requirement for uptake by the plants, it also benefits from more efficient landscape irrigation systems. Low water consumption vegetation is typically irrigated by drip systems, as opposed to overhead spray systems for lawn and turf areas.

Typical front yard landscaping generally ranges between 75% and 85% irrigated area. For purposes of this analysis, the low-point of 75% irrigated area has been selected with 70% being lawn area and the remaining irrigated area being lower water using plants and planters.

It is reasonable to reduce irrigated lawn areas from 70% of the typical front yard for LDR and MDR, as well as reduce the common area lawns on HDR, to 42%. This results in an increase of low water consumption vegetation from 5% to 33%. An example of the potential reductions in turf area is shown in Figure 5. The comparisons of water demands for irrigation are shown in Table 6.

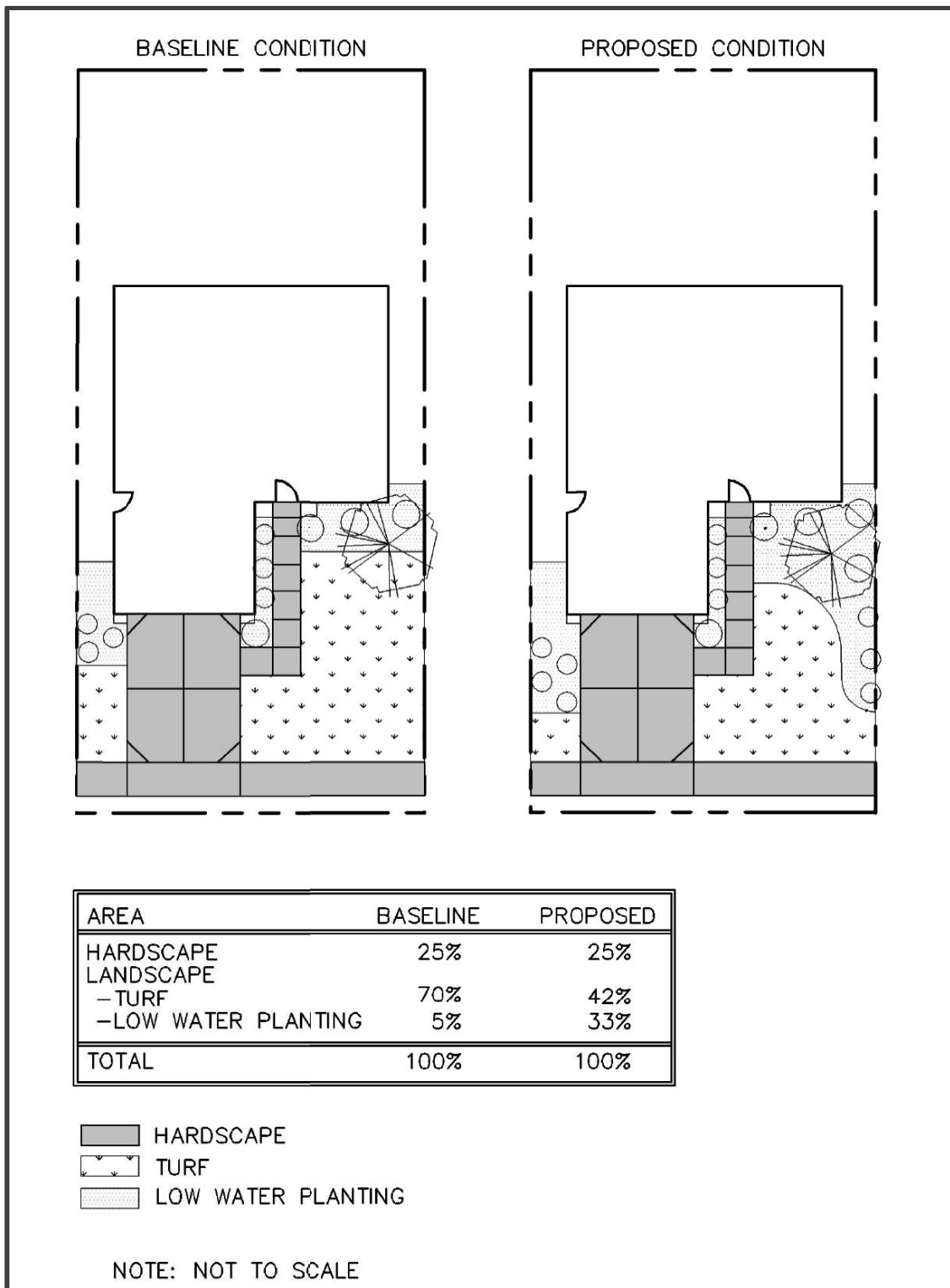


Figure 5 – Front Yard Water Conservation Comparison

Table 6
Amoruso Ranch Specific Plan
Water Conservation Plan
Reduced Landscape Turf Area

Land Use	Front Yard Irrigated Area ¹	Base Condition		Base Condition with Water Conservation	
		Turf Area	Low Water Use Area	Turf Area	Low Water Use Area ²
LDR, MDR and HDR ³	75%	70%	5%	42%	33%

Table 7 is a comparison of the water use efficiencies that result from reduction in front yard turf areas. Since assumptions are based on similar reductions in turf areas for LDR, MDR and HDR product types, the water demands have been combined for presentation.

Table 7
Amoruso Ranch Specific Plan
Water Conservation Plan
Front Yard Irrigated Area Water Efficiencies

Land Use	Annual Demand Front Yard (AFY) ⁴	New Front Yard Demand (AFY)	Annual Demand Savings (AFY)	Annual Demand Savings (%)	Water System Savings
Residential Properties LDR and MDR	191.82	139.24	52.58	27.4%	Potable
HDR	37.42	27.16	10.26	27.4%	Recycled
Total	229.24	166.40	62.84	27.4%	

As an example of how these values were calculated, the calculation for the annual front yard turf demand and the reduced annual front yard demand is presented below.

For the annual front yard turf demand, as calculated for low and medium density residential land uses, 75% of the front yard is landscaped with 70% turf and 5% low water use plantings. Since low water use plantings use 30% of the water required for turf, this 5%

¹ As a percentage of the front yard.

² Includes 5% existing low water use plantings plus 28% new low water use plantings.

³ Represents the percentage of the entire exterior area for HDR.

⁴ Front yard demand from Table 5. HDR is total since there is not a distinction between front and back yards.

area is equal to 1.5% turf area water demand. This results in the following annual front yard demands:

Turf (LDR & MDR):

$$191.82 \text{ AFY} * \left(\frac{70\%}{71.5\%} \right) = 187.80 \text{ AFY}$$

Low Water Use (LDR & MDR):

$$191.82 \text{ AFY} * \left(\frac{1.5\%}{71.5\%} \right) = 4.02 \text{ AFY}$$

For the reduced annual front yard demand, as calculated for low and medium density residential uses, reducing the base turf area in the front yards from 70% to 42% and replacing that (equivalent to 28%) with low water use plantings resulted in the following annual demands:

Reduced Demand Equation (LDR & MDR):

$$187.80 \text{ AFY} * \left(\frac{42\%}{70\%} + \frac{28\% * 30\%}{70\%} \right) + 4.02 \text{ AFY} = 139.24 \text{ AFY}$$

The same equations were generated for the HDR parcels as follows:

Turf (HDR):

$$37.42 \text{ AFY} * \left(\frac{70\%}{71.5\%} \right) = 36.63 \text{ AFY}$$

Low Water Use (HDR):

$$37.42 \text{ AFY} * \left(\frac{1.5\%}{71.5\%} \right) = 0.79 \text{ AFY}$$

Reduced Demand Equation (HDR):

$$36.63 \text{ AFY} * \left(\frac{42\%}{70\%} + \frac{28\% * 30\%}{70\%} \right) + 0.79 \text{ AFY} = 27.16 \text{ AFY}$$

REDUCTION OF PARK AND RECREATION AND COMMON AREA TURF (NON-RESIDENTIAL)

In addition to the turf areas for residential properties there are additional and significant turf areas throughout a typical development. These areas include the parks, irrigated paseos, commercial centers and school play fields. The estimated turf irrigation demand at each of these uses is as follows:

- It is estimated that parks utilize approximately 98% of their water demand for irrigation and 80% of their irrigated area for turf. This area is assumed to be reduced to 60% with the conversion of turf area (20%) to low water consumption vegetation or other uses.
- For the Roseville area, low water plantings were assumed to use 30% of the water used on turf (a 70% water savings).
- Low water use areas will utilize low volume irrigation systems like a drip or spray system (such as Netafim) designed to achieve a uniformity of 90% rather than an overhead spray irrigation system.
- Paseos are estimated to utilize 100% of their water demand for landscape irrigation. 80% of the paseo area is irrigated turf area. This area is assumed to be reduced to 60% with the conversion of turf area (20%) to low water consumption vegetation or other uses.

Based on these assumptions the water use efficiencies for the parks and paseos have been calculated and are presented in Table 8.

Table 8
Amoruso Ranch Specific Plan
Water Conservation Plan
Non-Residential Irrigated Area Water Efficiencies

Land Use	Annual Water Demand (AFY) ¹	Annual Irrigation Demand (AFY)	Base Turf Area	New Turf Area	Low Water Use Area	New Irrigation Demand (AFY)	Annual Demand Savings (AFY)	Annual Demand Savings (%)	Water System Savings
Park	4.3	4.21	80%	60%	20%	3.48	0.73	17.3%	Potable
Parks	69.8	68.40	80%	60%	20%	56.43	11.97	17.5%	Recycled
Paseos	4.8	4.80	80%	60%	20%	3.96	0.84	17.5%	Potable
Paseos	31.0	31.00	80%	60%	20%	25.58	5.42	17.5%	Recycled
Total	109.9	108.41				89.45	18.96	17.5%	

The new irrigation demand for the Parks is calculated as follows:

$$\frac{68.40 \text{ AFY} * 60\%}{80\%} = 51.30 \text{ AFY}$$

Demand remaining after turf reduction:

$$68.40 \text{ AFY} - 51.30 \text{ AFY} = 17.10 \text{ AFY}$$

Low water plants use 30% of turf demand:

$$17.10 \text{ AFY} * 30\% = 5.13 \text{ AFY}$$

New irrigation demand:

$$51.30 \text{ AFY} + 5.13 \text{ AFY} = 56.43 \text{ AFY}$$

Similarly the new irrigation demand for the Paseos is calculated as follows:

$$\frac{31.00 \text{ AFY} * 60\%}{80\%} = 23.25 \text{ AFY}$$

¹Annual water demand derived from Table 3.

Demand remaining after turf reduction:

$$31.00 \text{ AFY} - 23.25 \text{ AFY} = 7.75 \text{ AFY}$$

Low water plants use 30% of turf demand:

$$7.75 \text{ AFY} * 30\% = 2.33 \text{ AFY}$$

New irrigation demand:

$$23.25 \text{ AFY} + 2.33 \text{ AFY} = 25.58 \text{ AFY}$$

IRRIGATION MANAGEMENT

Smart and centrally located irrigation controllers restrict irrigation to times and rates necessary to maintain landscaping. They account for changes in the demand for water, which varies with weather patterns, seasonal influences and soil moisture content. In the ARSP, smart irrigation controllers, as defined in WELO, will be required for residential, commercial, and quasi-public parcels subject to turf reduction measures, and centrally controlled irrigation controllers for larger commercial and publicly maintained parcels.

As referenced in previous studies for the City of Roseville, a number of studies have been completed specifically on the conversion to smart irrigation controllers and the resultant water savings. Those studies suggest that water use reductions can be expected between 7% and 41%. This is a wide range of variability. Since ARSP is an entirely new development all significant irrigation applications will employ the use of smart irrigation controllers (per WELO). Therefore, a water use reduction value of 20% has been estimated for purposes of this analysis, consistent with previous analyses completed for similar developments within the City of Roseville. The sample calculation is presented below and the values are summarized in Table 9.

Smart Irrigation Equation:

$$139.24 \text{ AFY} * (80\%) = 111.39 \text{ AFY}$$

Table 9
Amoruso Ranch Specific Plan
Water Conservation Plan
Smart Irrigation Controller Water Efficiencies

Land Use	Annual Irrigation Demand (AFY)	New Irrigation Demand w/Controller (AFY)	Annual Demand Savings (AFY)	Annual Demand Savings (%)	Water System Savings
Residential Properties (Front) ¹	139.24	111.39	27.85	20%	Potable
Residential Properties (Back) ²	287.73	230.18	57.55	20%	Potable
Residential Properties (HDR) ³	27.16	21.73	5.43	20%	Recycled
Parks ⁴	3.48	2.78	0.70	20%	Potable
Parks ⁵	56.43	45.14	11.29	20%	Recycled
Paseos ⁶	3.96	3.17	0.79	20%	Potable
Paseos ⁷	25.58	20.46	5.12	20%	Recycled
Total	543.58	434.85	108.73	20%	

WATER CONSERVATION METHODS

There are many water conservation measures that can be implemented throughout the ARSP project. The reality is that a majority of the typical water conservation measures are already required or anticipated to be included in any new projects. These include low flow toilets, low flow shower heads, faucet aerators, etc.

One additional water conservation measure that will be considered for the ARSP project is the inclusion of recirculating hot water systems. Recirculating hot water systems feature a pump on a residential hot water line system which reduces the time necessary to receive hot water at any hot water faucet throughout the home. They provide hot water at the tap

¹ Annual irrigation demand derived from Table 7.

² Annual irrigation demand derived from Table 5.

³ Annual irrigation demand derived from Table 7.

⁴ Annual irrigation demand derived from Table 8.

⁵ Annual irrigation demand derived from Table 8.

⁶ Annual irrigation demand derived from Table 8.

⁷ Annual irrigation demand derived from Table 8.

immediately upon engaging the hot water faucet, eliminating the waste of water as you wait for the water to transition from the cold water in the pipes to hot water. This type of system can be included on all residential units to generate additional water conservation. The amount of water savings with these systems varies based on the number of times hot water is utilized throughout the day. A typical conservative estimate indicates a water savings of approximately 1.25 gallons per use is saved by having “instant” hot water from the recirculation system. We have estimated that on average this would occur six times per day per residential unit, consistent with previous studies for the City of Roseville.

Re-Circulating Hot Water Equation:

$$2,827 \text{ DU} * 7.5 \frac{\text{gal}}{\text{day}} * \frac{\text{AF}}{325851 \text{ gal}} * 365 \text{ day/yr} = 23.75 \text{ AFY}$$

The estimated savings based on the installation of recirculating hot water systems is shown in Table 10.

Table 10
Amoruso Ranch Specific Plan
Water Conservation Plan
Recirculating Hot Water System Water Efficiencies

Land Use	Dwelling Unit Count	Savings per Dwelling Unit (Gal)	Annual Demand Savings (AFY)	Annual Demand Savings (%)	Water System Savings
Residential Units	2,827	7.5	23.75	1.6%	Potable

SUMMARY

A series of water conservation methods have been proposed for implementation as part of the ARSP project. These methods are readily implemented and are consistent with the goals and objectives of the Amoruso Ranch Specific Plan and the City of Roseville.

Table 11 provides a summary of the water conservation measures and their estimated savings in water use. As shown on Table 11, with implementation of all of the measures an estimated conservation of 14.5% of the projected water use would be realized within the ARSP Area.

Table 11
Amoruso Ranch Specific Plan
Water Conservation Plan
Summary of Water Efficiencies

Water Conservation Opportunity	Total Water Demand (AFY)	Potable Water Savings (AFY)	Recycled Water Savings (AFY)	Annual Demand Savings (AFY)	Annual Demand Savings (%)
Residential Properties Irrigation – Front ¹	1,473.7	52.58	10.26	62.84	4.3%
Non-Residential (Parks, ROW, School) ²		1.57	17.39	18.96	1.3%
Smart Irrigation Controllers ³		86.89	21.84	108.73	7.4%
Recirculating Hot Water System ⁴		23.75	0	23.75	1.6%
Total		164.79	49.49	214.28	14.5%

The actual water conservation savings will be dependent on a number of factors including the participation and adherence by the actual homeowners. Constructing the residential units with a number of these measures already integrated (such as the hot water recirculation systems) will be beneficial to achieving the objective.

For the single family residential land uses there is anticipated to be ongoing outreach by the City to remind and reinforce the need for water conservation. This can include attachments to the water bill, water audits that can be made available to homeowners, the promotion of the City’s water conservation website, and the availability of City water conservation staff to respond to specific questions. In addition, outreach can include educating homeowners on how to use and set up smart irrigation controllers along with including the installation and integration into their backyard irrigation system.

Guidance and education for the homeowners with regards to the landscaping of front and backyards will also be part of the overall plan including education in conformance with WELO.

¹ Annual demand savings derived from Table 7.

² Annual demand savings derived from Table 8.

³ Annual demand savings derived from Table 9.

⁴ Annual demand savings derived from Table 10.

References

WMH. 2006. *TM 1 - Unit Water Demand Factor Verification and Water Demand Evaluation and Update*. September.



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www.kimley-horn.com



Attachment to Exhibit M
TECHNICAL MEMORANDUM

To: City of Roseville

Date: January 27, 2020

Subject: Amoruso Ranch Specific Plan Amendment
Amendment to Water Conservation Plan to Accommodate Revised Land Use Plan

INTRODUCTION

The Amoruso Ranch Specific Plan (ARSP) Amendment has been prepared at the direction of Brookfield Residential Properties, Inc. (Brookfield) to meet the City of Roseville's (City) planning requirements to address proposed land use changes resulting from the State and Federal Environmental Permitting Processes. The ARSP Amendment modifies the original approved plan dated June 2016.

The ARSP Area consists of approximately 694.4-acres located in the northwest edge of the City of Roseville. The Specific Plan Area is bounded on the west by the Al Johnson Wildlife Area, to the south by the Creekview Specific Plan Area, to the east by the future proposed Placer Ranch Specific Plan Area and to the north by the existing Toad Hill Ranches #1 area/Sunset Boulevard West.

The ARSP Area provides for a mix of land uses to achieve the desired community form and objectives. These land use designations include low-, medium- and high-density residential uses; commercial and office uses; which in some cases are sited with one another and/or with residential uses; public and quasi-public uses for the schools and civic activities such as a fire station; parks and open space uses; and an urban reserve.

At buildout, as originally proposed, the ARSP Area will provide for 2,827 dwelling units, adds approximately 51 acres of commercial retail and office land uses, and provide approximately 22-acres of parks and 146-acres of open space.

With the changes in the land use plan, resulting from the environmental permitting processes, the project parameters are identical in terms of the number of units, acres of commercial, and acres of parks. However, the acres of open space have increased from approximately 146-acres to approximately 155-acres with a corresponding reduction in residential land use acreage.

As part of the original Specific Plan, the "*Brookfield Residential, Amoruso Ranch Specific Plan Area, Water Conservation Plan*", dated April 2016, was prepared by Kimley-Horn and Associates. While the number of units proposed for the Specific Plan Area has not changed, the density of some of the units has been modified, which affects the calculations presented in the referenced Water Conservation Plan. This Technical Memorandum amends the referenced Water Conservation Plan to accommodate the changes in the land use plan.

TECHNICAL MEMORANDUM

Amoruso Ranch Specific Plan Amendment – Amendment to the Water Conservation Plan
January 27, 2020 - Page 2 of 14

LAND USE PLAN UPDATE

As noted in the Introduction, the major change in the Land Use Plan occurs with the expansion of the open space and the coinciding reduction in the developable acres. The change represents approximately 9- acres that will be added to the open space, transitioning from developable land use. Figure TM-1 depicts the existing approved Land Use Plan that was adopted as part of the Amoruso Ranch Specific Plan in June 2016 by the City of Roseville. It depicts the area that was modified through the environmental permitting processes. The proposed and modified Land Use Plan is shown on Figure TM-2.

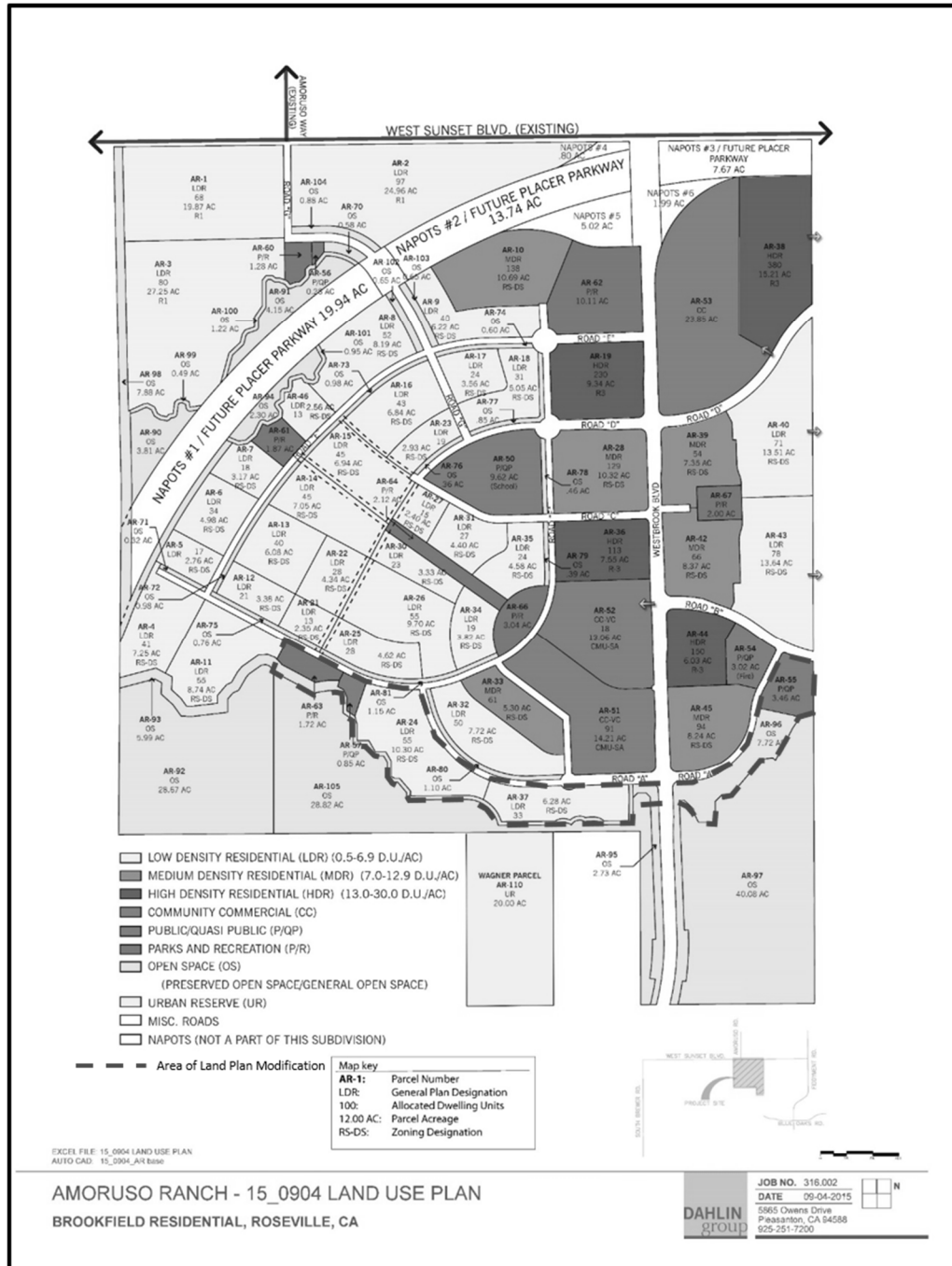


Figure TM-1 – 2016 Approved Land Use Plan

TECHNICAL MEMORANDUM

Amoruso Ranch Specific Plan Amendment – Amendment to the Water Conservation Plan

January 27, 2020 - Page 3 of 14

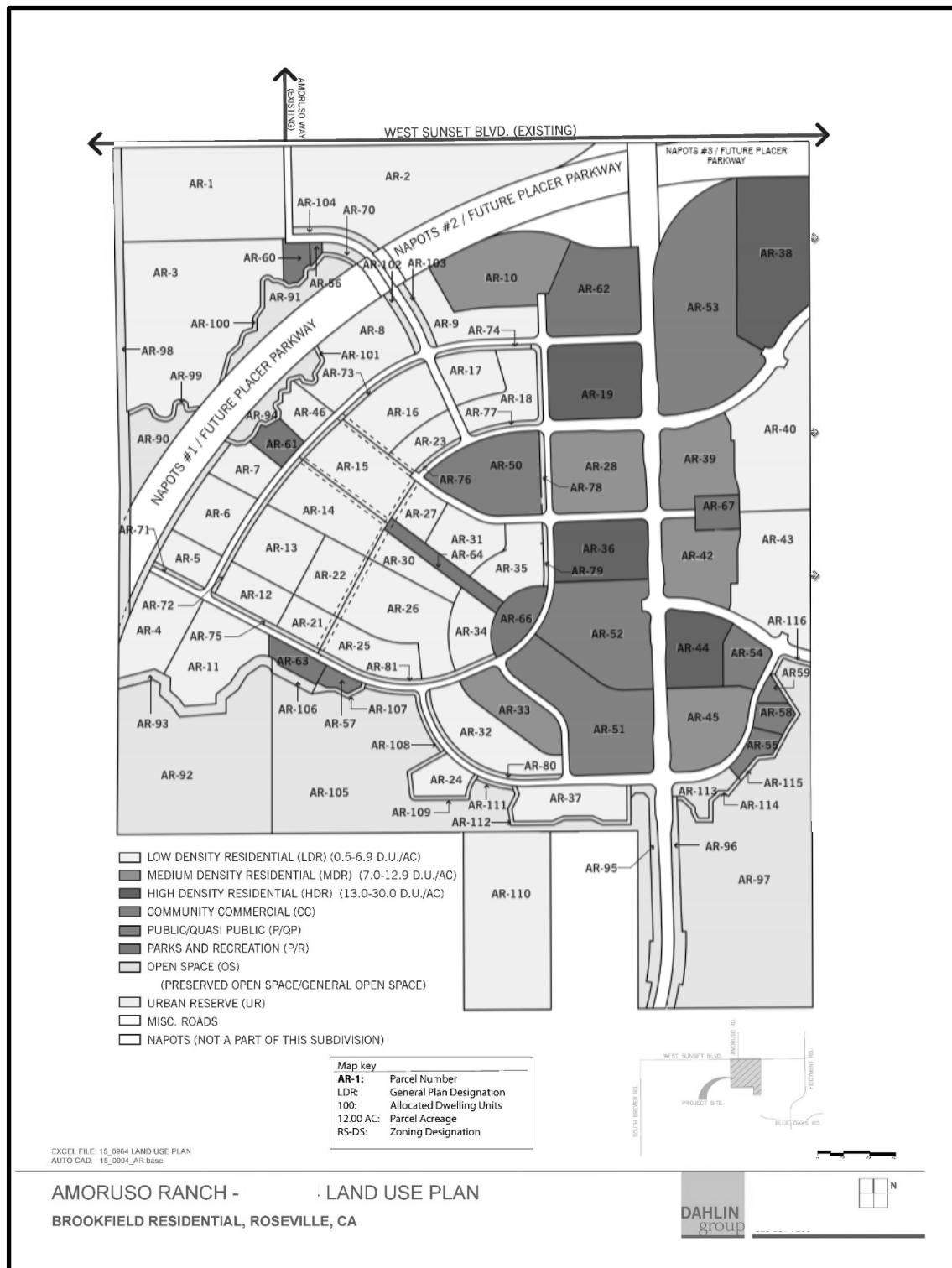


Figure TM-2 – 2019 Proposed and Modified Land Use Plan

The required modifications in the Land Use Plan occur along the southern edge of development, both to the east and west of Westbrook Boulevard, in locations where the development abuts the open space. The changes are depicted on Figure TM-2.

While the land plan has a reduced number of developable acres, the total unit count has remained the same, with the displaced units reallocated to an existing developable parcel that can support the units, while conforming to the density ranges for the given product types.

Table TM-1 is a comparison of the unit allocation changes throughout the plan area.

Table TM-1
Unit Allocation Comparison

Parcel	Land Use	Acres			Units		
		2016	2019	Net Change	2016	2019	Net Change
AR-24	LDR	10.3	2.5	<7.8>	55	13	<42>
AR-37	LDR	6.28	5.05	<1.23>	33	25	<8>
AR-52	CC-VC	13.06	13.06	0	18	68	50
TOTAL				<9.03>			0

As noted in Table TM-1, the reallocated units are all located in the Community Commercial/Village Center (AR-52). This places the units very close to their original location. This also modifies the units from LDR to be CC/VC where the use factors for these units are consistent with HDR. This is important as it results in lower water use factors and lower wastewater generation rates.

The location of the affected land use parcels is shown on Figure TM-3 and indicated with a “blue circle”.



Figure TM-3 – Affected Land Use Parcels (Unit Transfer) (2019 Land Plan)

WATER CONSERVATION PLAN

As noted above, the calculations related to water conservation for the development change as a result in the shift in density of some of the units. Provided below are the revised Water Conservation Plan Tables that have been updated based on the new land plan.

Water Conservation Plan Table 2 - Amended**Amoruso Ranch Specific Plan Amendment
Water Use Estimation – LDR, MDR and HDR**

Land Use Category Density	Number of Units	Average Day Demand (GPD/DU)	Total Average Day Demand (GPD)	Total Average Day Demand (AFY)	Total Average Day Demand with 2% (AFY) ¹
LDR1: < 3.5 DU / Acre	148	728	107,744	120.7	123.1
LDR2: > 3.5 to 5 DU / Acre	116	600	69,600	78.0	79.5
LMDR1: > 5 to 6 DU / Acre	351	521	182,871	204.8	208.9
LMDR2: > 6 to 8 DU / Acre	757	430	325,510	364.6	371.9
MDR: > 8 to 12 DU / Acre	155	323	50,065	56.1	57.2
HDR1: > 12 to 16 DU / Acre	380	288	109,440	122.6	125.0
HDR2: > 16 DU / Acre	760	177	134,520	150.7	153.7
Community Commercial - Village Center – Residential	159	288	45,792	51.3	52.3
Urban Reserve	1	728	728	0.8	0.8
Total	2,827	-	1,037,920	1,162.60	1,185.90

¹ Demand accounts for 2% system losses.

Water Conservation Plan Table 3 - Amended**Amoruso Ranch Specific Plan
Water Use Factors and Demands**

Land Use	Land Use Abbreviation/ Zoning	Total Area (Acres)	Dwelling Unit Count	Water Use Factor	Daily Demand (GPD)	Annual Demand (AFY)	Annual Demand with 2% (AFY) ²
Low Density Residential	LDR	239.34	1,252	Varies	634,125	710.3	724.5
Medium Density Residential	MDR	50.27	542	Varies	178,561	200.0	204.0
High Density Residential	HDR	38.13	873	Varies	167,064	187.1	190.9
Community Commercial - Village Center - Residential	CMU-SA (Commercial Mixed-Use - Special Area)	Included On Next Line	159	288	45,792	51.3	52.3
Community Commercial - Village Center – Non-Residential	CMU-SA (Commercial Mixed-Use - Special Area)	27.27	-	2,598	70,847	79.4	80.9
Community Commercial	CC (Community Commercial)	23.85	-	2,598	61,962	69.4	70.8
Open Space (Paseos)	OS	10.74	-	2,988	32,091	35.9	36.7
Open Space (General)	OS	37.24	-	0	0	0.0	0.0
Open Space (Preserve)	OS	106.97	-	0	0	0.0	0.0
Parks & Recreation	PR	22.14	-	2,988	66,154	74.1	75.6
Public / Quasi Public (school)	P/QP (School)	9.62	-	3,454	33,227	37.2	38.0
Public / Quasi Public (Fire Station & Utility Site)	P/QP	7.61	-	1,780	13,546	15.2	15.5
Urban Reserve	UR	20	1	728	728	0.8	0.8
Rights-of-Way	ROW	52.06	-	0	0	0.0	0.0
Not a Part of This Subdivision	NAPOTS	49.16	-	0	0	0.0	0.0
Total		694.4	2,827	-	1,304,098	1,460.78	1,489.99

² Demand accounts for 2% system losses.

Water Conservation Plan Table 4 - Amended

**Amoruso Ranch Specific Plan
Single Family Residential Water Usage**

Residential Use	Percentage of Total ³
Landscaping	51%
Toilets	13%
Faucets, Cooking, Cleaning	10%
Showers	9%
Clothes Washing	8%
Bath	6%
Toilet Leaks	2%
Dishwasher	1%

³ Percentage of total water use was derived from information obtained from the City of Roseville Frequently Asked Questions (FAQ) on the subject of water conservation.

Water Conservation Plan Table 5 - Amended**Amoruso Ranch Specific Plan
Residential Irrigation Water Demands**

Land Use	Annual Demand (AFY)	Annual Demand Front Yard (AFY)	Annual Demand Backyard (AFY)	Annual Total Irrigation Demand (AFY)
Low Density Residential	710.3	144.90	217.35	362.25
Medium Density Residential	200.0	40.80	61.20	102.00
High Density Residential ⁴	187.1	N/A	N/A	37.42
Urban Reserve	0.8	0.16	0.24	0.40
Total	1098.2	185.86	278.79	502.07

⁴ Demand for HDR parcels was calculated differently from LDR and MDR parcels, as described above. Demand for HDR parcels was not separated into front yard and backyard demand since traditional front and back yards are not present on HDR parcels.

Water Conservation Plan Table 7 - Amended

**Amoruso Ranch Specific Plan
Front Yard Irrigated Area Water Efficiencies**

Land Use	Annual Demand Front Yard (AFY) ⁵	New Front Yard Demand (AFY)	Annual Demand Savings (AFY)	Annual Demand Savings (%)	Water System Savings
Residential Properties LDR and MDR	185.70	134.8	50.90	30.0%	Potable
HDR	37.42	27.16	10.26	27.4%	Recycled
Total	223.12	161.96	61.16	27.4%	

⁵ Front yard demand from Table 5. HDR is total since there is not a distinction between front and back yards.

Water Conservation Plan Table 8 - Amended

**Amoruso Ranch Specific Plan
Non-Residential Irrigated Area Water Efficiencies**

Land Use	Annual Water Demand (AFY) ⁶	Annual Irrigation Demand (AFY)	Base Turf Area	New Turf Area	Low Water Use Area	New Irrigation Demand (AFY)	Annual Demand Savings (AFY)	Annual Demand Savings (%)	Water System Savings
Park	4.3	4.21	80%	60%	20%	3.48	0.73	17.3%	Potable
Parks	69.8	68.40	80%	60%	20%	56.43	11.97	17.5%	Recycled
Paseos	4.8	4.80	80%	60%	20%	3.96	0.84	17.5%	Potable
Paseos	31.0	31.00	80%	60%	20%	25.58	5.42	17.5%	Recycled
Total	109.9	108.41				89.45	18.96	17.5%	

⁶Annual water demand derived from Table 3.

Water Conservation Plan Table 9 - Amended**Amoruso Ranch Specific Plan
Smart Irrigation Controller Water Efficiencies**

Land Use	Annual Irrigation Demand (AFY)	New Irrigation Demand w/Controller (AFY)	Annual Demand Savings (AFY)	Annual Demand Savings (%)	Water System Savings
Residential Properties (Front) ⁷	134.80	107.84	26.96	20%	Potable
Residential Properties (Back) ⁸	278.79	223.03	55.76	20%	Potable
Residential Properties (HDR) ⁹	27.16	21.73	5.43	20%	Recycled
Parks ¹⁰	3.48	2.78	0.7	20%	Potable
Parks ¹¹	56.43	45.14	11.29	20%	Recycled
Paseos ¹²	3.96	3.17	0.79	20%	Potable
Paseos ¹³	25.58	20.46	5.12	20%	Recycled
Total	530.20	424.15	106.05	20%	

⁷ Annual irrigation demand derived from Table 7.⁸ Annual irrigation demand derived from Table 5.⁹ Annual irrigation demand derived from Table 7.¹⁰ Annual irrigation demand derived from Table 8.¹¹ Annual irrigation demand derived from Table 8.¹² Annual irrigation demand derived from Table 8.¹³ Annual irrigation demand derived from Table 8.

Water Conservation Plan Table 10 - Amended

**Amoruso Ranch Specific Plan
Recirculating Hot Water System Water Efficiencies**

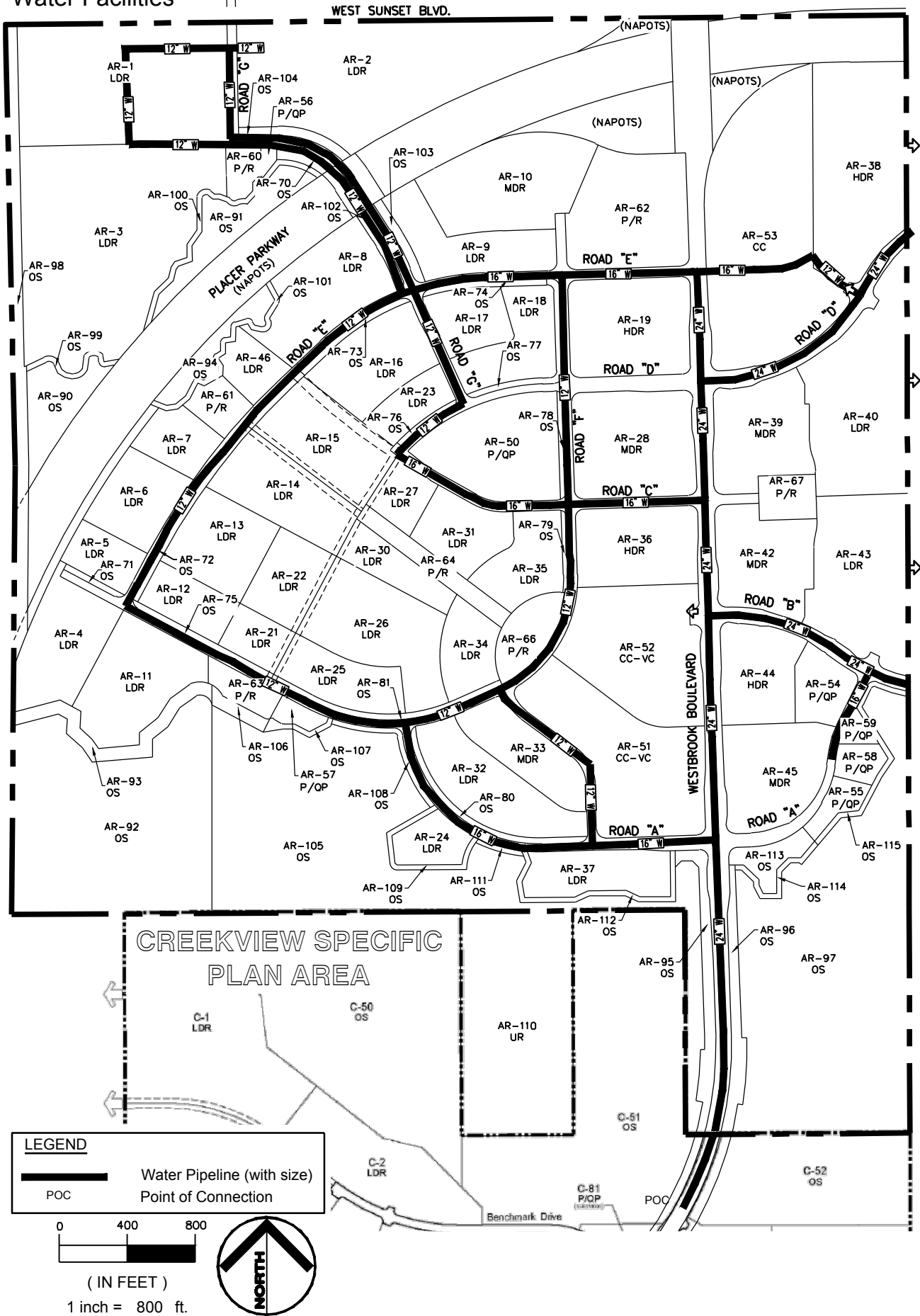
Land Use	Dwelling Unit Count	Savings per Dwelling Unit (Gal)	Annual Demand Savings (AFY)	Annual Demand Savings (%)	Water System Savings
Residential Units	2,827	7.5	23.75	1.6%	Potable

Water Conservation Plan Table 11 - Amended**Amoruso Ranch Specific Plan
Summary of Water Efficiencies**

Water Conservation Opportunity	Total Water Demand (AFY)	Potable Water Savings (AFY)	Recycled Water Savings (AFY)	Annual Demand Savings (AFY)	Annual Demand Savings (%)
Residential Properties Irrigation – Front ¹⁴	1,460.78	50.90	10.26	61.16	4.2%
Non-Residential (Parks, ROW, School) ¹⁵		1.57	17.39	18.96	1.3%
Smart Irrigation Controllers ¹⁶		84.21	21.84	106.05	7.3%
Recirculating Hot Water System ¹⁷		23.75	0	23.75	1.6%
Total		160.43	49.49	209.92	14.4%

¹⁴ Annual demand savings derived from Table 7.¹⁵ Annual demand savings derived from Table 8.¹⁶ Annual demand savings derived from Table 9.¹⁷ Annual demand savings derived from Table 10.

Exhibit N Water Facilities



SUNSET BLVD. WEST

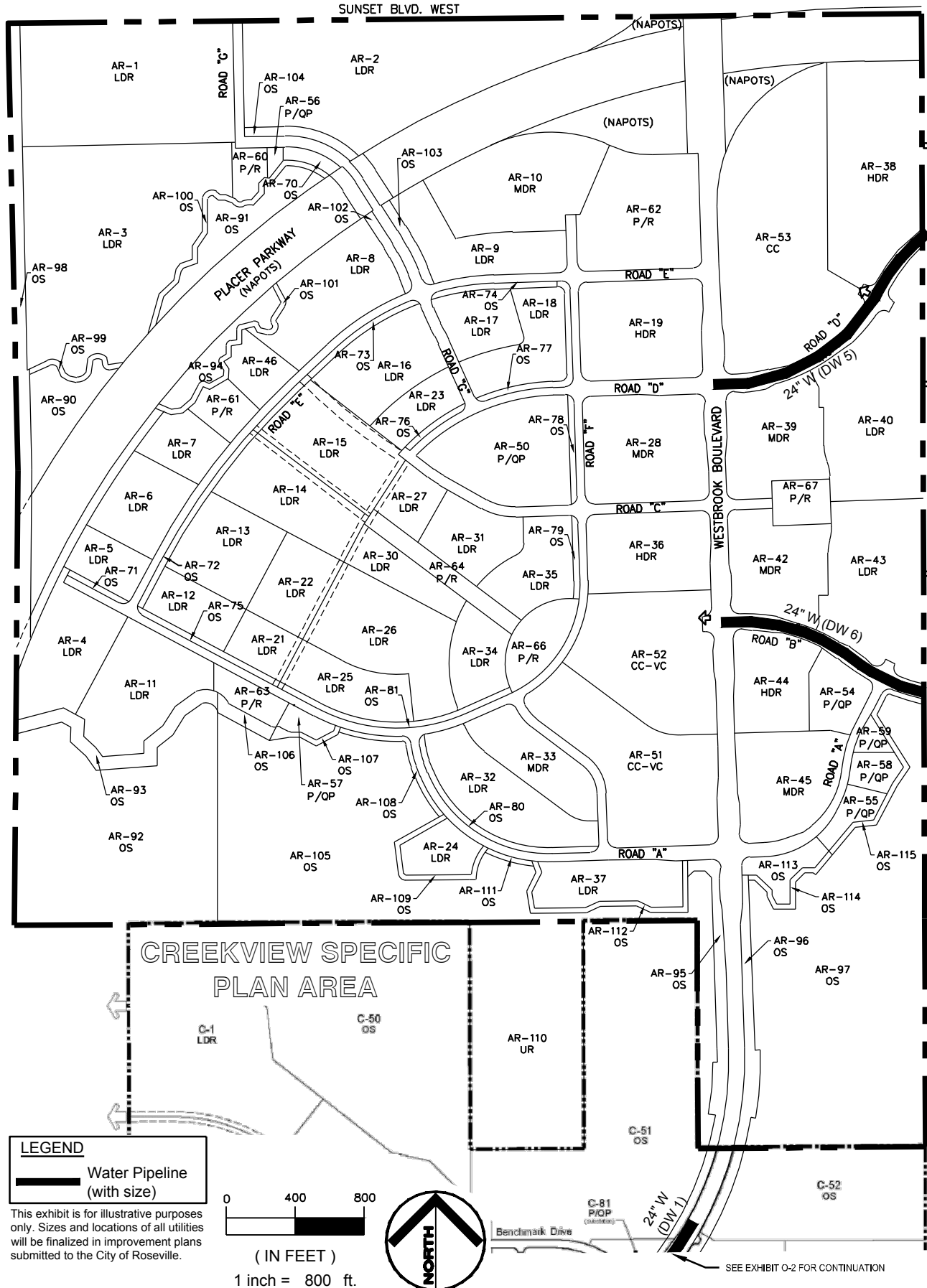


Exhibit O-2

Offsite Water Facilities For Reimbursement

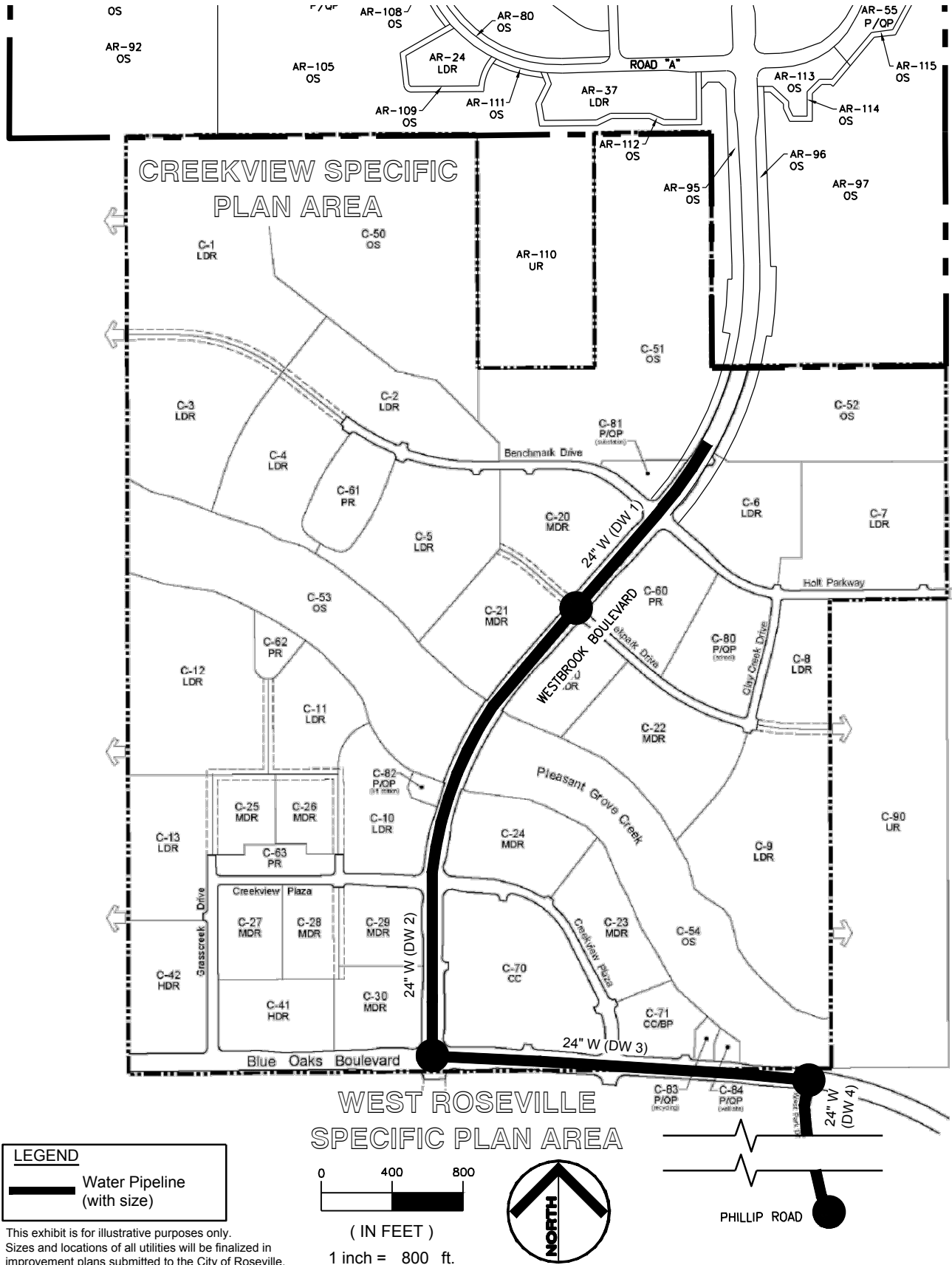


EXHIBIT O-3
WATER REIMBURSEMENT SCHEDULE

WATER REIMBURSEMENTS									
Reimbursements From ARSP									
No	Water Segment	Size	Approx. Length	Average Day Demand ARSP Flow (gpm)	Average Day Demand Total Flow (gpm) ⁴	Reimbursable Party	Overall Reimbursement Cost	% Reimbursement	Reimbursement Owed
1	DW1	24"	1,210'	932	1,603	CSP	\$ 318,240	58.14%	\$185,028
2	DW2	24"	2,790'	932	1,675	CSP	\$ 815,040	55.64%	\$453,503
3	DW3	24"	2,390'	1,328	3,039	CSP	\$ 630,000	43.70%	\$275,301
4	DW4	24"	Per CSP DA ⁷	78	180	CSP	\$ 389,000	43.33%	\$168,567
Reimbursements to ARSP									
No	Water Segment	Size	Approx. Length	Average Day Demand ARSP Flow (gpm)	Average Day Demand Capacity Total Flow (gpm) ⁵	Reimbursable From	Overall Reimbursement Cost	% Reimbursement ⁶	Reimbursement Owed to ARSP
1	DW5	24"	1,610'	106	TBD	Other 3rd Party	\$ 192,480	TBD	TBD
2	DW6	24"	1,280'	37	TBD	Other 3rd Party	\$ 160,250	TBD	TBD

1. Improvements are subject to annual adjustments for CCI.
2. Reimbursement estimate is based on the Creekview Specific Plan Development Agreement.
3. No water conservation measures were factored into the analysis.
4. Total flow includes Creekview SP and may include other third parties. See Creekview DA Exhibit U and Exhibit V.
5. Based on the ability to provide water to the potential future Placer Ranch with the 24" water line. Flows to be determined at time of development application for future Placer Ranch.
6. % Reimbursement to be determined at time of development processing for Placer Ranch.
7. Flowrates from Table 5 CSP Exhibit V - Scenario 2.

Recycled Water Facilities

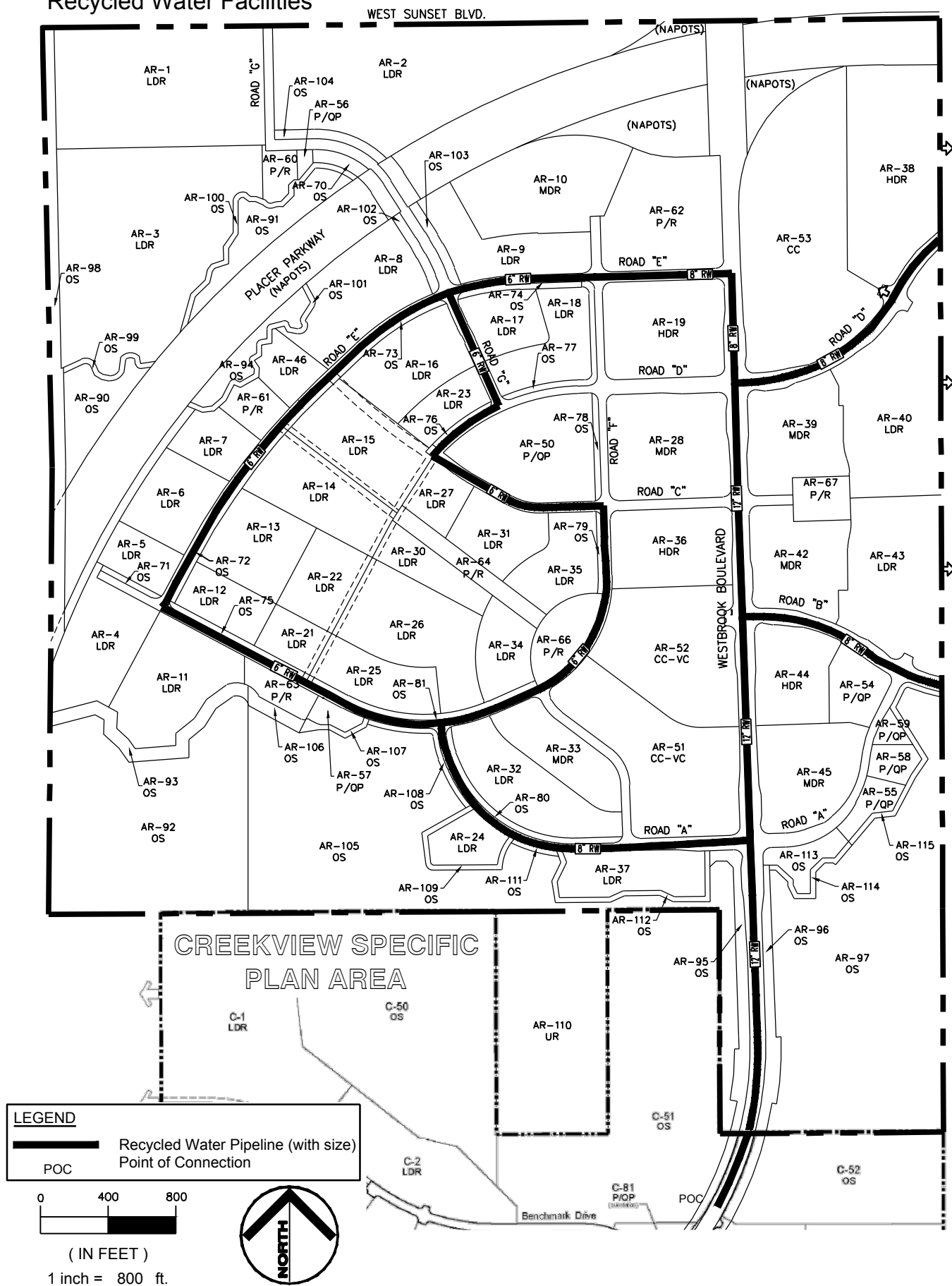


Exhibit Q-1

Offsite Recycled Water Facilities For Reimbursement

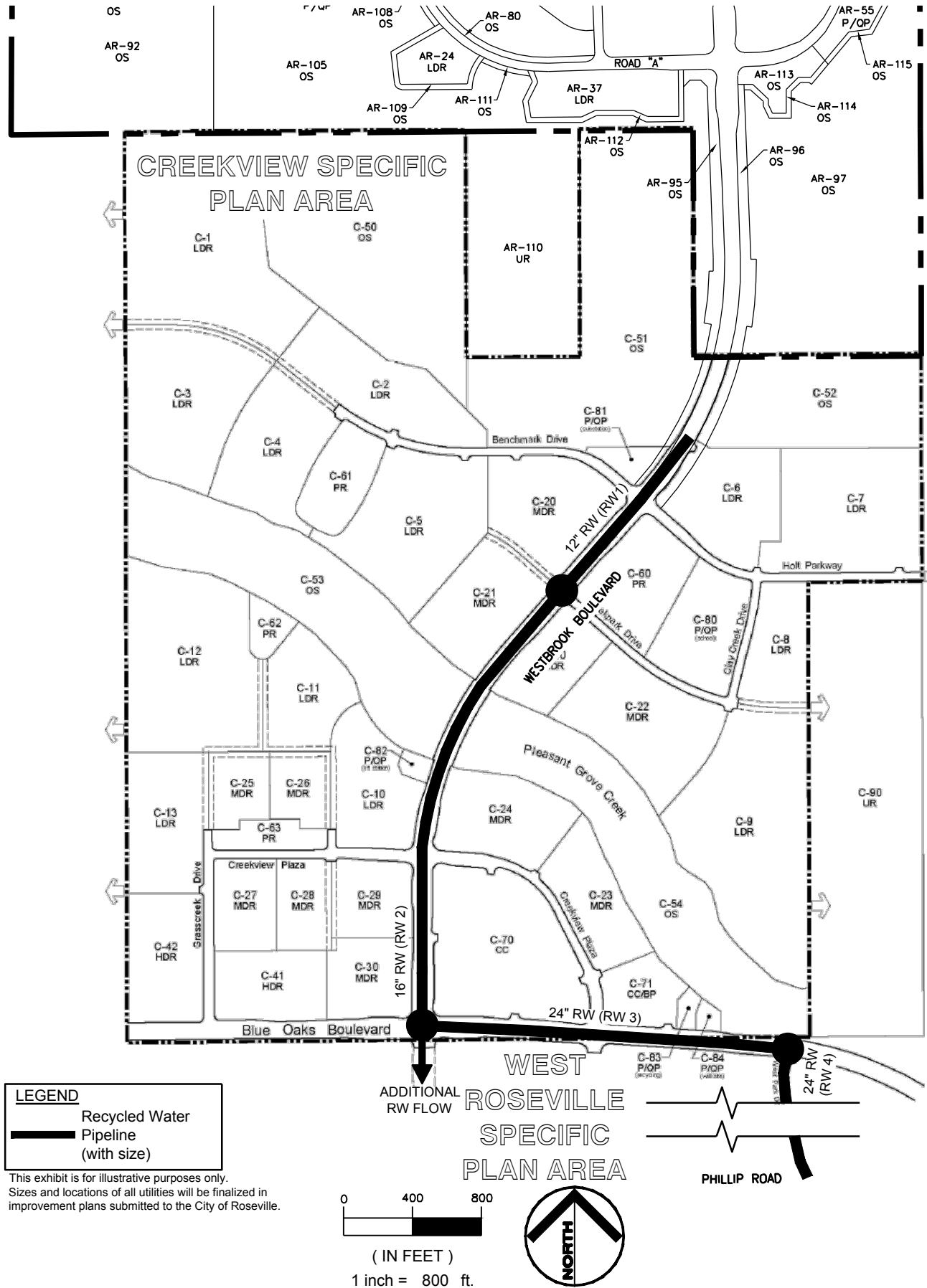


EXHIBIT Q-2
OFFSITE RECYCLED WATER REIMBURSEMENT SCHEDULE

RECYCLED WATER REIMBURSEMENTS									
Reimbursements From ARSP									
No	Recycled Water Segment	Size	Approx. Length	Peak Day Demand ARSP Flow (gpm)	Peak Day Demand Total Flow (gpm) ⁴	Reimbursable Party	Overall Reimbursement Cost	% Reimbursement	Reimbursement Owed
1	RW1	12"	1,210'	1,726	2,995	CSP	\$ 121,608	57.63%	\$70,082
2	RW2	16"	2,820'	1,726	3,101	CSP	\$ 477,648	55.66%	\$265,856
3	RW3	24"	2,400'	1,726	13,061	CSP	\$ 510,000	13.21%	\$67,396
4	RW4	24"	2,235'	1,726	13,061	CSP/WRSP	\$ 475,000	13.21%	\$62,771

Note:

1. Improvements are subject to annual adjustments for CCI.
2. Reimbursement estimate is based on the Creekview Specific Plan Development Agreement.
3. No recycled water conservation measures were factored into the analysis.
4. Total flow includes Creekview SP and may include other third parties. See Creekview DA Exhibit X and Exhibit Y. Utilized Scenario 2 (CSP Exhibit Y), updated for projected ARSP demands.

Exhibit R Drainage Facilities

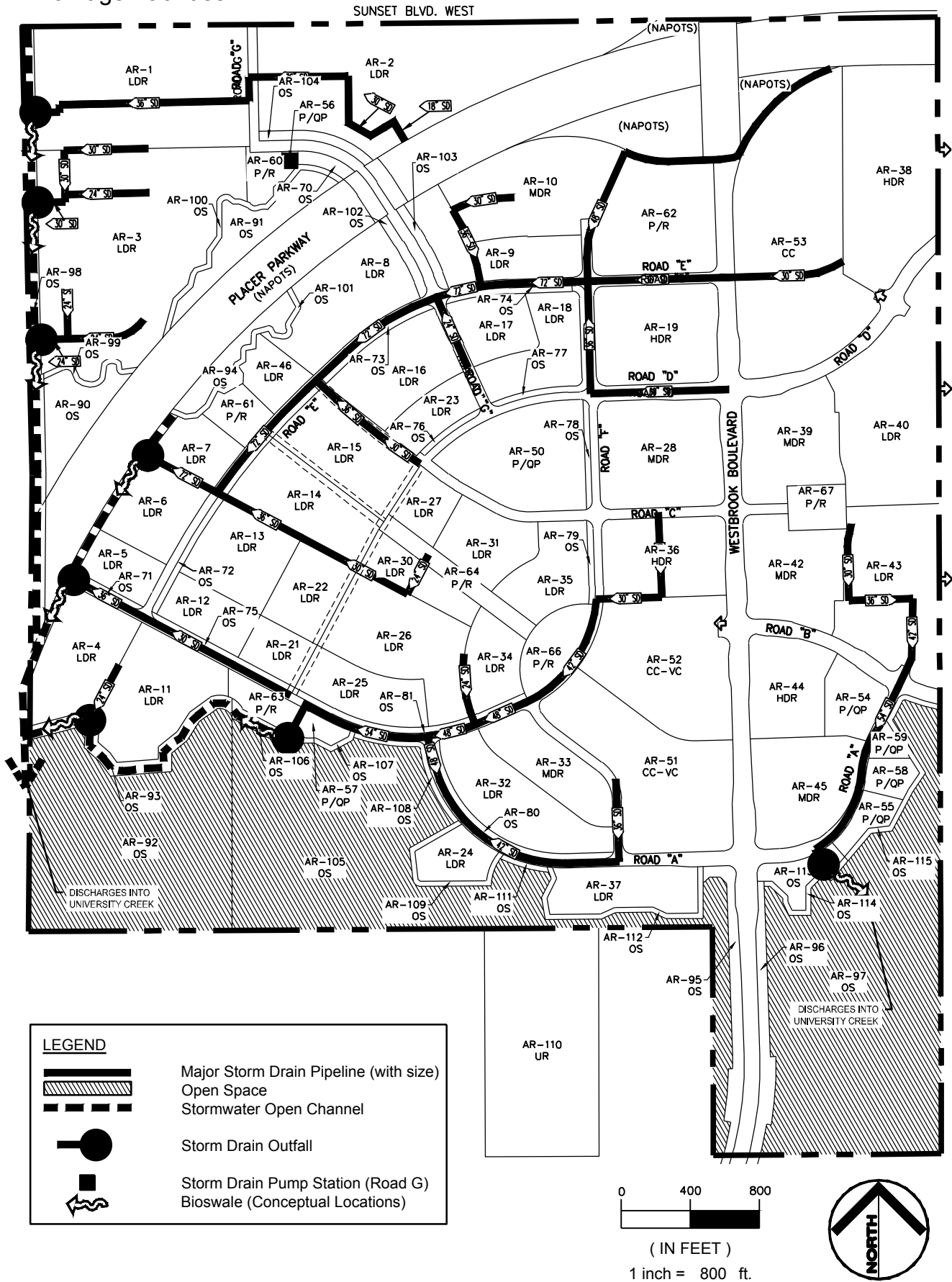


Exhibit S

Post Development 100 Year Floodplain

SUNSET BLVD. WEST

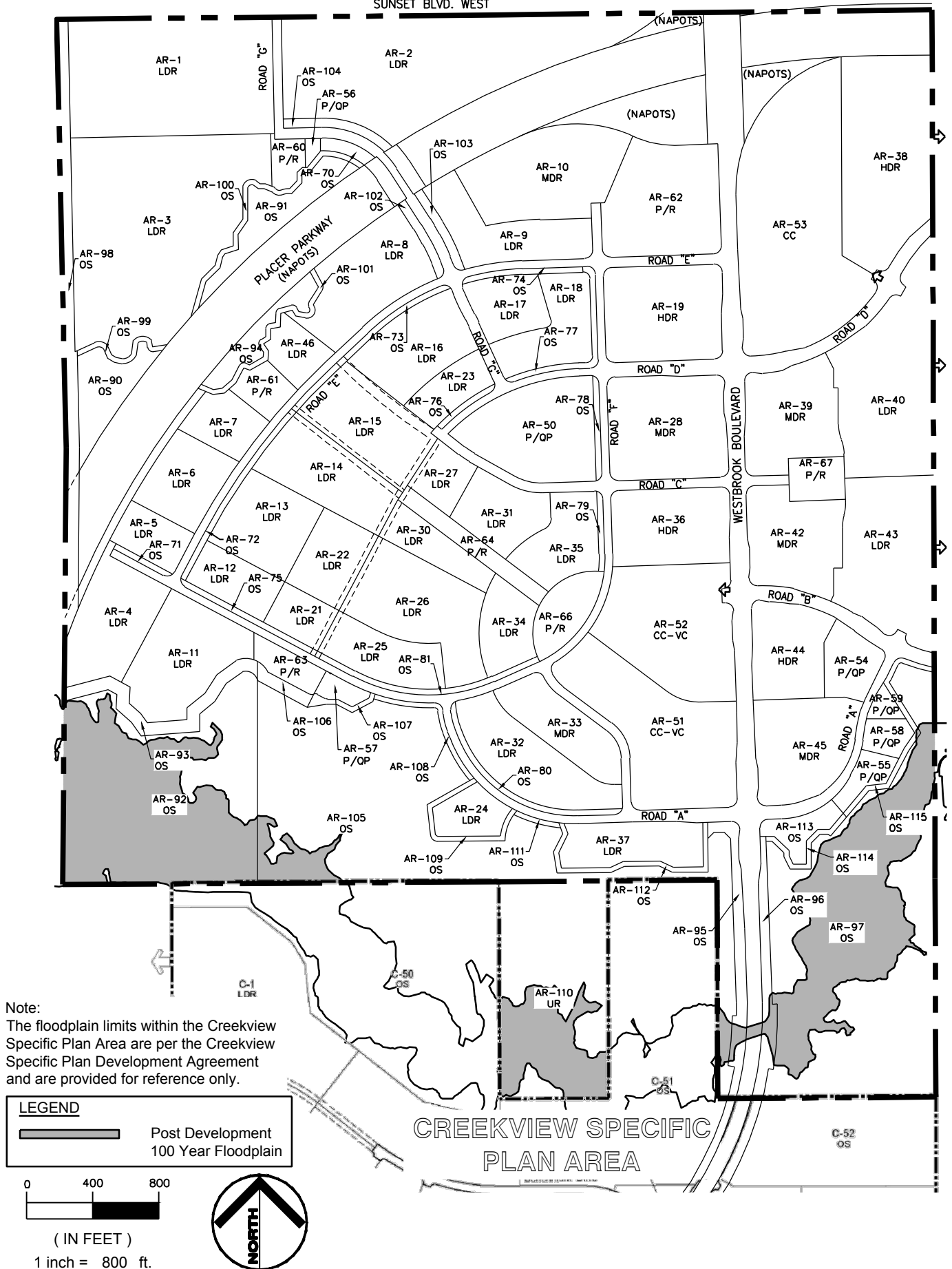


Exhibit T Fiber Optic Improvements

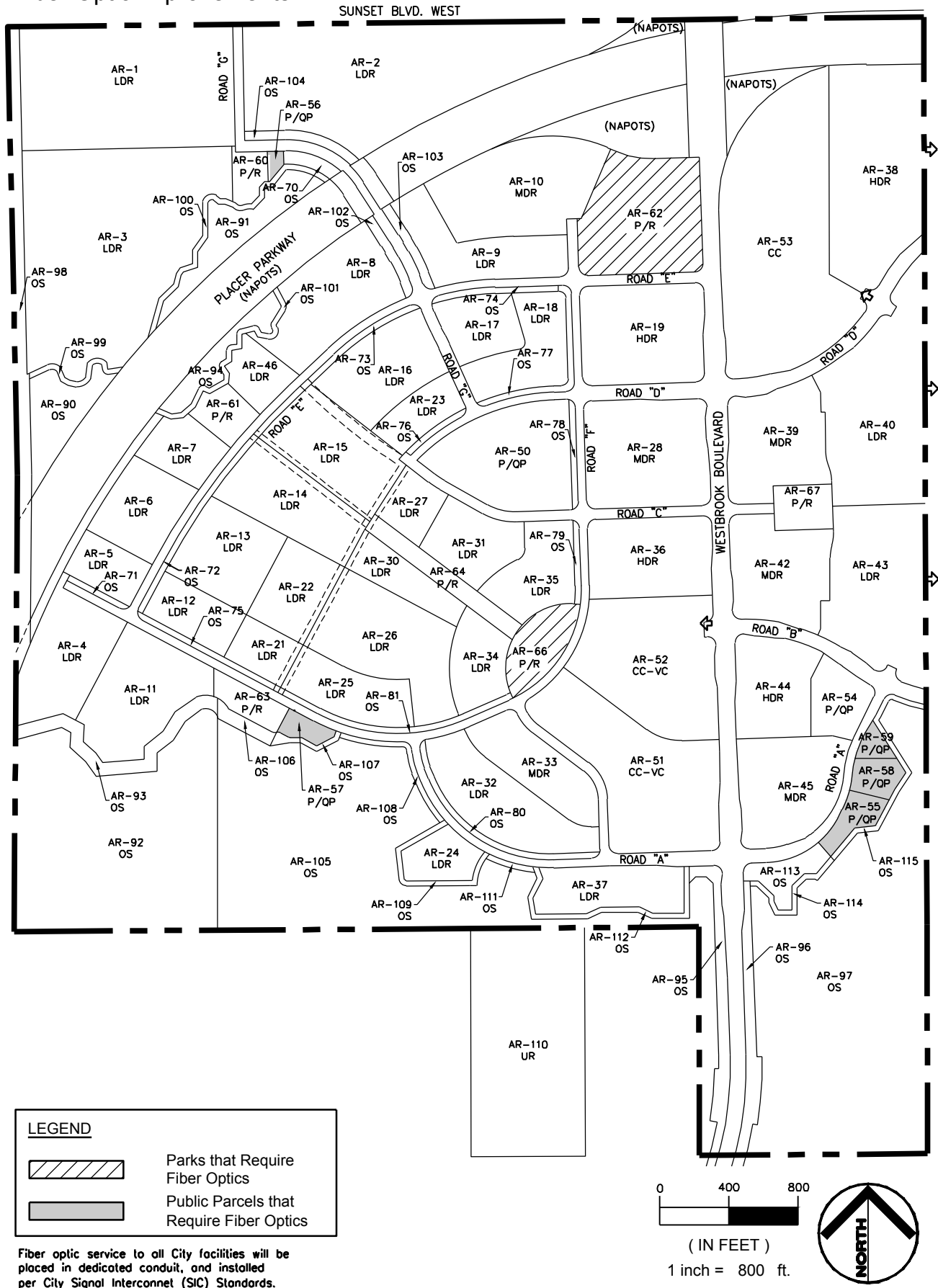


Exhibit ☐
Parks Financing Plan

Amoruso Ranch
Parks Financing Plan

May 5, 2016

Prepared for:
Brookfield Residential

Prepared By:



4380 AUBURN BOULEVARD
SACRAMENTO, CALIFORNIA 95841

Table of Contents

I. Introduction	1
Purpose of Report.....	1
II. Amoruso Ranch Specific Plan	1
Parks and Open Space	1
Bike Trails and Paseos.....	1
III. Neighborhood Park Improvements	2
Facility Costs.....	2
Phasing	2
Funding Strategy – Existing Fee Program.....	2
IV. Citywide Park Improvements	2
Facility Costs.....	2
Funding Strategy – Existing Fee Program.....	3
V. Bike Trail Improvements	3
Phasing	3
Funding Strategy – Developer Built	3
VI. Paseo Improvements	4
Phasing	4
Funding Strategy – Developer Built	4
VII. CFD for Maintenance	4

Maps

Map 1:	Parks, Paseos, and Open Space
Map 2:	Bike Trails

Tables

Table 1:	Amoruso Ranch Parks Acreage
Table 2:	Neighborhood Park Costs
Table 3:	Neighborhood Park Cost Allocation
Table 4:	Park Fee Revenues by Phase (Neighborhood Park Component)
Table 5:	Citywide Park Construction & In-Lieu Costs
Table 6:	Citywide Park Cost Allocation
Table 7:	Park Fee Revenues by Phase (Citywide Park Component)
Table 8:	Ongoing Maintenance and Landscape Costs
Table 9:	Allocation of Ongoing Maintenance and Landscape Costs

Appendices

Appendix A:	Cost Estimates: The Collaborative West
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I. Introduction

Purpose of Report

This Parks Financing Plan was prepared for the Amoruso Ranch Specific Plan (“Project”) by Development Planning and Financing Group, Inc. (“DPFG”) as a strategy to fund and maintain the parks, bike trails, and paseos that are proposed in the Project. This document is an expansion of the Amoruso Ranch Public Facilities Financing Plan, and provides additional details regarding the costs and funding of neighborhood parks, citywide parks, bike trails, and paseos. The findings will provide a clear understanding of how the parks plan is feasible, the funding structure, and overall costs associated with the Project.

II. Amoruso Ranch Specific Plan

Parks and Open Space

The City of Roseville’s Parks and Recreation Master Plan requires a ratio of 9 acres of parkland per 1,000 residents. The 9 acres of parkland includes; 3 acres/1,000 residents for neighborhood parks, 3 acres/1,000 residents for citywide parks, and 3 acres/1,000 residents for open space.

The parks program developed for Amoruso Ranch includes 157 acres of parkland on-site, including open space. The Project meets the neighborhood park and open space dedication requirement with at least 22.14 acres of each, but does not provide a citywide park. The project will pay a Citywide Park Fee which includes funding for park improvements and land (through an in-lieu calculation). Through the Citywide Park Fee, Amoruso Ranch will contribute its fair share to the creation of other planned facilities in the City. **Table 1** shows the required park acreage under the City’s current Master Plan and project population assumptions. The developer is responsible for the budgeted park costs and the developer or City will be responsible for the construction of all the parks.

Seven neighborhood parks have been distributed throughout the Project. **Map 1** shows the location of all the neighborhood parks in the Amoruso Ranch project.

Bike Trails and Paseos

The bike trails and paseos planned within the Project are mainly located along roadways. Bike trails take the form of Class 1, Class 1A, Class 2, and Class 3. Only the Class 1 bike trails are located away from a roadway, and this bike trail class occurs on the south western portion of the Project and along Westbrook Boulevard through the southern open space. The paseos are expanded areas in addition to the normal landscaping along roadways. **Map 1** illustrates the paseos, while **Map 2** shows the bike trails.

III. Neighborhood Park Improvements

Facility Costs

Table 2 shows the total estimated neighborhood park facility costs. The parks program costs are estimated at roughly \$7.1 million. The cost of the parks and recreation facilities include, but are not limited to, the following types of facilities:

- Landscaping
- Restrooms
- Parking
- Recreational fields
- Playgrounds
- Picnic areas

Detailed park improvements and costs are provided by The Collaborative West, and are attached as **Appendix A**.

Phasing

The development of Phase 1 would have park improvements that correspond to the amount of initial residential development. These improvements include five neighborhood parks at a size of 1.72 acres, 1.87 acres, 2.12 acres, 2.0 acres, and 3.04 acres, for a total of 10.75 acres. The estimated facilities cost for the park improvements for Phase 1 is approximately \$3.9 million.

Funding Strategy – Existing Fee Programs

The neighborhood park impact fee funds the neighborhood park improvements in Amoruso Ranch. **Table 3** creates an updated fee for the Project by allocating the total neighborhood park improvement costs on a per residential unit basis. The costs were spread to the different residential land uses based on the persons per household that vary by unit size, using the same methodology as previous specific plans. This was done to create a tiered rate so that an HDR unit is not paying the same amount as an LDR unit.

Table 4 shows the neighborhood park impact fee revenues for Phase 1 and Build out.

IV. Citywide Park Improvements

The Citywide Park Improvement Fee funds the Project's fair share of the construction costs of a citywide park and the Citywide Park Land In-Lieu Fee will provide funding for the purchase of land that was not provided on site for a citywide park.

Facility Costs

Table 5 shows the total facility improvement costs and estimated in-lieu land costs. The Project's share of the citywide facilities costs are calculated by using the current Citywide Park Fee. The base fee for citywide park development is \$2,111. A credit of \$657 has been applied making the citywide park fee for ARSP \$1,454 per unit.

Land Component

The Citywide Park land in-lieu was calculated using the acreage requirement determined in **Table 1**, multiplied by the land appraisal value of \$135,000 per acre. This is the same value used in previous specific plans. A total in-lieu estimate of \$2,988,900 was calculated for the ARSP. The land in-lieu fee per unit for citywide is \$1,058 per unit.

Summary

The total citywide park improvement fee for facility costs and land in-lieu is \$2,512 per unit.

The Citywide Park funds will be used to purchase land and/or build citywide park facilities in other locations throughout the City. Amoruso Ranch is currently not planned for citywide facilities to be built within the plan area.

Funding Strategy - Existing Fee Programs

The Citywide Park fee will fund the citywide park facilities throughout the City, and the in-lieu component will fund future land acquisitions or additional construction. **Table 6** creates the Citywide Park fee for the Amoruso Ranch project by allocating the total costs (construction and in-lieu) on a per residential unit. The costs were spread to the different residential land uses based on the persons per household that vary by unit size, using the same methodology as previous specific plans. This was done to create a tiered rate so that an HDR unit is not paying the same amount as an LDR unit.

Table 7 shows the citywide park fee revenues for Phase 1 and Build out.

V. Bike Trail Improvements

In the Amoruso Ranch project the Class 1 bike trail system is integrated with open space along the south west corner of the development and along Westbrook Boulevard in the open space on the south end of the development. **Map 2** illustrates the proposed bike trails in the project. The Class 1 bike trail system along with the other bike trails incorporated with the roadways (Class 1A, 2, and 3) are all included in the roadway backbone infrastructure costs outlined in the Amoruso Ranch Public Facilities Financing Plan. The developer will build these improvements as required, and as development progresses.

Phasing

The development of the Class 1 bike trail will occur entirely with the Phase 1 development.

Funding Strategy – Developer Built

The bike trail facilities will be built by the developer, without the formation of a fee program. These improvements will be an eligible facility to be funded and/or reimbursed by the project CFD when formed.

VI. Paseo Improvements

The paseos in Amoruso Ranch run along some segments of collector roadways. Paseos are expanded areas, in addition to landscape corridors with grass, trees, landscaping, and contain no facilities. **Map 1** illustrates the proposed layout of the paseos in the project. All of the paseo costs are included in the roadway backbone infrastructure costs outlined in the Amoruso Ranch Public Facilities Financing Plan. The developer will build these improvements as required, and as development progresses.

Phasing

The development of Phase 1 includes paseo improvements within the residential area on Road “E”, “F”, and Road “A”, while the remaining improvements will be built in Phase 2 and 3 along Roads “F”, “G”, “E”, and “D”.

Funding Strategy – Developer Built

The paseo facilities will be built by the developer, without the formation of a fee program. These improvements will be an eligible facility to be funded and/or reimbursed by the project CFD when formed.

VII. Community Facilities District for Maintenance

The Developer will form a CFD for maintenance to finance the cost of operating and maintaining streets, landscaping, open space, parks, trails, paseos and storm water in the Project. A Rate and Method of Apportionment will be required in establishing a method of tax, a maximum special tax amount, and any escalation factors that will be implemented to allow the annual special tax to keep pace with inflation. **Table 8** details the quantities and cost assumptions to be used in the formation of the CFD with the exception of open space related items, while **Table 9** allocates the costs across the various product types to estimate the special tax amount. An updated Property Analysis Record (“PAR”) will be required prior to CFD formation and based on 404 permit conditions, an inventory of all environmentally sensitive/protected areas within the open space, approved improvements, any mitigation requirements, final drainage channel design, vehicular access for maintenance, ultimate width of transition area, all ARSP specific permits, and other requirements/improvements outlined in the Overarching Open Space Management Plan and consistent with state/federal permits.

The maintenance CFD does not include the 645.5 acres of off-site open space. These parcels will be either conveyed to the City, pending agreed upon parameters for acceptance or deeded to a third party entity. If the City accepts these parcels, landowner shall annex these sites into the CFD for maintenance prior to formation. A PAR analysis for the cost of service shall be prepared prior to annexation.

[illegible]

BROOKFIELD RESIDENTIAL, ROSEVILLE, CA

JOB NO. 316.002
DATE 04-26-16
5865 Owens Drive
Pleasanton, CA 94588
925-251-7200



Map 2

CIRCULATION PLAN

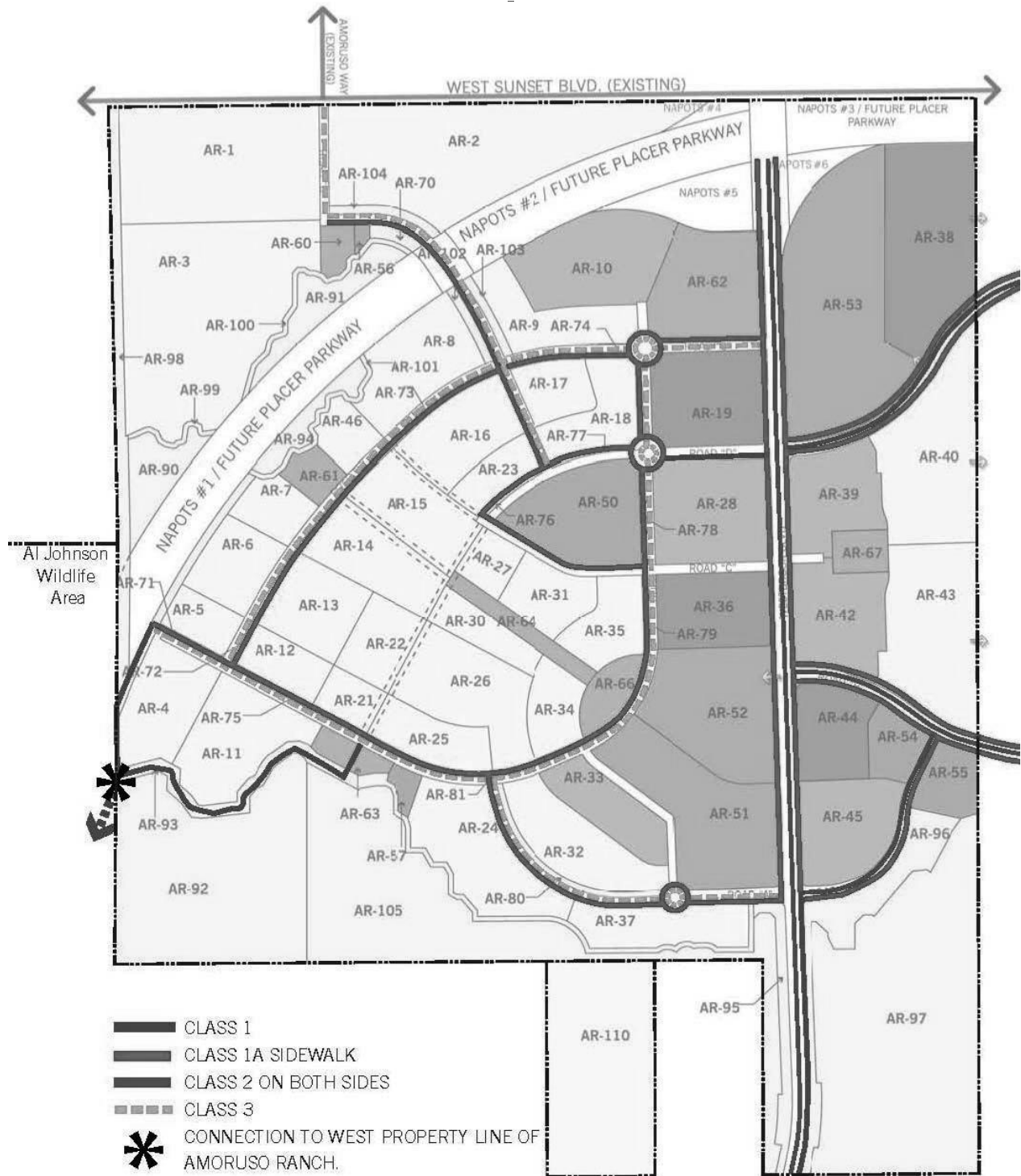


Figure 7.6 Bikeways

Table 1
Amoruso Ranch Specific Plan - Park Financing Plan
Amoruso Ranch Parks Acreage

Park Type	Assumption	Acres Required	Acres Provided	Surplus/ (Deficit)
<i>Population(2.61/pph)</i>	<i>7,376</i>			
Neighborhood Park	3 acres/1,000 pop.	22.14	22.14	0.00
Citywide Park	3 acres/1,000 pop.	22.14	0.00	-22.14
Open Space ²	3 acres/1,000 pop.	22.14	134.81	112.67
Total Park Land		66.30	156.95	

Footnotes:

¹Persons per household per Amoruso Ranch Specific Plan.

²See detailed breakdown of open space acres on Table 8. Credit provided for preserve area and avoidance area only.

Table 2
Amoruso Ranch Specific Plan - Park Financing Plan
Neighborhood Park Costs (2016\$)

Item	Phase 1		Buildout	
	Acres	Amount	Acres	Amount
Neighborhood Park				
AR-60	-	-	1.28	\$374,677.00
Contingency (15%)		-		\$56,201.55
Soft Costs (13%)		-		<u>\$56,014.21</u>
Subtotal		-		\$486,892.76
AR-61	1.87	\$411,755.50	1.87	\$411,755.50
Contingency (15%)		\$61,763.33		\$61,763.33
Soft Costs (13%)		<u>\$61,557.45</u>		<u>\$61,557.45</u>
Subtotal		\$535,076.27		\$535,076.27
AR-62	-	-	10.11	\$2,064,735.00
Contingency (15%)		-		\$309,710.25
Soft Costs (13%)		-		<u>\$308,677.88</u>
Subtotal		-		\$2,683,123.13
AR-63	1.72	\$520,878.00	1.72	\$520,878.00
Contingency (15%)		\$78,131.70		\$78,131.70
Soft Costs (13%)		<u>\$77,871.26</u>		<u>\$77,871.26</u>
Subtotal		\$676,880.96		\$676,880.96
AR-64	2.12	\$746,150.50	2.12	\$746,150.50
Contingency (15%)		\$111,922.58		\$111,922.58
Soft Costs (13%)		<u>\$111,549.50</u>		<u>\$111,549.50</u>
Subtotal		\$969,622.57		\$969,622.57
AR-66	3.04	\$893,350.00	3.04	\$893,350.00
Contingency (15%)		\$134,002.50		\$134,002.50
Soft Costs (13%)		<u>\$133,555.83</u>		<u>\$133,555.83</u>
Subtotal		\$1,160,908.33		\$1,160,908.33
AR-67	2.00	\$480,750.00	2.00	\$480,750.00
Contingency (15%)		\$72,112.50		\$72,112.50
Soft Costs (13%)		<u>\$71,872.13</u>		<u>\$71,872.13</u>
Subtotal		\$624,734.63		\$624,734.63
Total	10.75	\$3,967,222.76	22.1	\$7,137,238.65

Source: The Collaborative West Opinion of Probable Costs 3/23/2016, & Kimley-Horn.

Table 3
Amoruso Ranch Specific Plan - Park Financing Plan
Neighborhood Park Cost Allocation

Source	Total	Residential				Non-Residential	
		LDR	MDR	HDR	CMU	CC	CMU
Acres	388.3	248.8	50.3	38.2	5.5	23.9	21.8
Units	2,826	1,302	542	873	109	-	-
Square Feet	476,524	-	-	-	-	238,948	237,576

Neighborhood Parks

	Table 2	PPH				PPH	
Use Factor ¹	\$7,137,239	2.61	2.23	1.85	1.85	-	-
Total Use	6,423.09	3,398.22	1,208.55	1,614.71	201.61	-	-
Percentage of Total Use	100%	53%	19%	25%	3%		
Cost Allocated to Use		\$3,776,051.65	\$1,342,926.51	\$1,794,237.69	\$224,022.80		
Neighborhood Parks Allocation per Unit/Sq.Ft.		\$2,900.19	\$2,477.72	\$2,055.26	\$2,055.26	-	-

Footnotes:

¹The persons per household ("PPH") use factor assumed here, matches the average PPH of the City with an LDR unit. To create a tiered fee, the assumed PPH for the MDR and HDR land uses are then shown at a reduced amount. This methodology is consistent with what was done in the prior SVSP and CSP. The prior specific plans used an average PPH of 2.54, and thus land uses were assigned a PPH of 2.54 (LDR), 2.17 (MDR), and 1.8 (HDR). The updated factors assume the same percentage allocation of costs by land use as the prior specific plans, by using a PPH of 2.61 (LDR), 2.23 (MDR), and 1.85 (HDR).

Table 4
Amoruso Ranch Specific Plan - Park Financing Plan
Park Fee Revenue by Phase (Neighborhood/Community Park Component)

Item	Phase 1 Revenues			Build Out Revenues		
	Units	Rate ¹	Total ¹	Units	Rate ¹	Total ¹
Residential						
Low Density	848	\$2,900.19	\$2,459,363.90	1,302	\$2,900.19	\$3,776,051.65
Medium Density	275	\$2,477.72	\$681,374.15	542	\$2,477.72	\$1,342,926.51
High Density	372	\$2,055.26	\$764,554.89	982	\$2,055.26	\$2,018,260.49
Subtotal Residential			\$3,905,292.94			\$7,137,238.65
Nonresidential						
Community Commercial			\$0.00			\$0.00
Commercial/Mixed Use			\$0.00			\$0.00
Subtotal Nonresidential			\$0.00			\$0.00
Total Fee Program Revenue (Neighborhood Park)			\$3,905,292.94			\$7,137,238.65
Total Neighborhood Park Costs (Table 2)			\$3,967,222.76			\$7,137,238.65

Footnotes:

¹This park significantly serves Phase 2. Early in the absorption of Phase 2 (approximately 21 units), combined with funding from Phase 1, sufficient funding will be available to construct AR-61.

Table 5**Amoruso Ranch Specific Plan - Park Financing Plan
Citywide Park Construction & In-Lieu Costs**

	<u>Rate</u>
Citywide Park Fee Base Rate	\$2,111
Land Fee Portion ¹	\$657
Construction Fee Portion	\$1,454
Amoruso Ranch Citywide Park Construction	
ARSP units	2,826
Construction Fee Portion per Unit	<u>\$1,454</u>
Total Citywide Construction Amount	\$4,109,004
Amoruso Ranch In-Lieu of Park Acreage	
ARSP Citywide Acres Required (per Table 1)	22.14
Land Value per Acre ²	<u>\$135,000</u>
Total In-Lieu Amount	\$2,988,900
Total Citywide Park Funding	\$7,097,904

Footnotes:

¹This portion of the base fee is excluded to avoid double charging, as the ARSP will calculate the in-lieu portion of the fee based on \$135,000/acre.

²Per adopted in-lieu fee for both SVSP and CSP.

Table 6
Amoruso Ranch Specific Plan - Park Financing Plan
Citywide Park Cost (Construction and In-Lieu) Allocation

Source	Total	Residential				Non-Residential	
		LDR	MDR	HDR	CMU	CC	CMU
Acres	388.3	248.8	50.3	38.2	5.5	23.9	21.8
Units	2,826	1,302	542	873	109	-	-
Square Feet	476,524	-	-	-	-	238,948	237,576
Table 5							
Citywide Parks (Construction)	\$4,109,004						
Use Factor ¹		2.61	2.23	1.85	1.85	-	-
Total Use	6,423.09	3,398.22	1,208.55	1,614.71	201.61	-	-
Percentage of Total Use	100%	53%	19%	25%	3%	-	-
Cost Allocated to Use		\$2,173,923.57	\$773,140.80	\$1,032,966.70	\$128,972.93		
Citywide Parks Construction Allocation per Unit/Sq.Ft.		\$1,669.68	\$1,426.46	\$1,183.24	\$1,183.24	-	-
Table 5							
Citywide Parks (In-Lieu)	\$2,988,900						
Use Factor ¹		2.61	2.23	1.85	1.85	-	-
Total Use	6,423.09	3,398.22	1,208.55	1,614.71	201.61	-	-
Percentage of Total Use	100%	53%	19%	25%	3%	-	-
Cost Allocated to Use		\$1,581,317.56	\$562,384.59	\$751,382.61	\$93,815.24		
Citywide Parks In-Lieu Allocation per Unit/Sq.Ft.		\$1,214.53	\$1,037.61	\$860.69	\$860.69	-	-
Total Citywide Park	\$7,097,904	\$2,884.21	\$2,464.07	\$2,043.93	\$2,043.93		

Footnotes:

¹The persons per household ("PPH") use factor assumed here, matches the average PPH of the City with an LDR unit. To create a tiered fee, the assumed PPH for the MDR and HDR land uses are then shown at a reduced amount. This methodology is consistent with what was done in the prior SVSP and CSP. The prior specific plans used an average PPH of 2.54 (LDR), 2.17 (MDR), and 1.8 (HDR). The updated factors assume the same percentage allocation of costs by land use as the prior specific plans, by using a PPH of 2.61 (LDR), 2.23 (MDR), and 1.85 (HDR).

Table 7
Amoruso Ranch Specific Plan - Park Financing Plan
Park Fee Revenue by Phase (Citywide Park Component)

Item	Phase 1 Revenues			Build Out Revenues		
	Units	Rate ¹	Total ¹	Units	Rate ¹	Total ¹
Residential						
Low Density	848	\$2,884.21	\$2,445,809.89	1,302	\$2,884.21	\$3,755,241.13
Medium Density	275	\$2,464.07	\$677,618.97	542	\$2,464.07	\$1,335,525.39
High Density	372	\$2,043.93	\$760,341.29	982	\$2,043.93	\$2,007,137.48
Subtotal Residential			\$3,883,770.15			\$7,097,904.00
Nonresidential						
Community Commercial			\$0.00			\$0.00
Commercial/Mixed Use			\$0.00			\$0.00
Subtotal Nonresidential			\$0.00			\$0.00
Total Fee Program Revenue (Citywide Park)			\$3,883,770.15			\$7,097,904.00
Total Citywide Cost			N/A			N/A

Footnotes:

¹Per unit rates have been rounded to the nearest dollar. Totals for each land use may seem incorrect, but total fee program revenue matches cost estimates.

Table 8
Amoruso Ranch Specific Plan - Park Financing Plan
Ongoing Maintenance and Landscape Costs

	Quantity	Cost per Unit ¹	Total Annual Cost
<u>Residential/Nonresidential Cost Allocation</u>			
Landscape Corridor/Median	17.0 acres	\$10,325.00	\$175,879.34
Paseos	10.7 acres	\$10,325.00	\$110,580.75
Bike Trail Maintenance	4,412 linear feet	\$1.06	\$4,676.72
Leaf Pick-Up ²	8.4 miles	\$61.31	\$512.87
Streetsweeping	25.1 miles	\$28.62	\$718.23
Open Space			
NAPOTS ³	49.2 acres	TBD	-
Preserve ³	97.6 acres	TBD	-
Avoidance ³	10.3 acres	TBD	-
Transition/Channel ³	<u>27.0</u> acres	<u>TBD</u>	-
Subtotal Open Space (Placeholder) ³	184.0 acres	\$575.00	<u>\$105,782.75</u>
Subtotal Costs			<u>\$398,150.65</u>
Repair/Replacement (sinking fund) (5%)			\$19,907.53
City Administration			
Finance Department (3%)			\$12,541.75
Parks Department (10%)			<u>\$41,805.82</u>
Subtotal City Administration			<u>\$54,347.56</u>
County Administration (1%)			\$4,724.06
Total Costs (Residential/Nonresidential Shared)			<u><u>\$477,129.81</u></u>
<u>Residential Only Cost Allocation</u>			
Neighborhood Parks ⁴	22.1 acres	\$10,300.00	\$228,042.00
Stormwater Management	2,826 units	\$25.00	<u>\$70,650.00</u>
Subtotal Costs			<u>\$298,692.00</u>
Repair/Replacement (sinking fund) (5%)			\$14,934.60
City Administration			
Finance Department (3%)			\$9,408.80
Parks Department (10%)			<u>\$31,362.66</u>
Subtotal City Administration			<u>\$40,771.46</u>
County Administration (1%)			\$3,543.98
Total Costs (Residential Only)			<u><u>\$357,942.04</u></u>
Total Costs			<u><u>\$835,071.85</u></u>

Source: City of Roseville, ECORP, and Kimley Horn.

Footnotes:

¹Cost estimates derived from indepth analysis of City costs done for SVSP. Those costs have then been applied to all specific plans since.

²1/3 of streetsweeping miles.

³The Cost per Unit for Open Space placeholder of \$575 per year was derived by simply averaging the City's proposed annual open space cost per acre of \$1,000 and the Developer proposed annual open space cost per acre of \$150. The actual annual open space cost per acre will be determined at the time of the formation of the maintenance CFD for this project as outlined in the Development Agreement. The ultimate cost per acre could be above or below the aforementioned range, depending upon the 404 permit conditions, an inventory of all environmentally sensitive/protected areas within the open space, approved improvements, any mitigation requirements, vehicular access for maintenance, final drainage channel design, ultimate width of transition area, all ARSP specific permits, other improvements outlined in the Overarching Open Space Management Plan, state and federal permits, and established city maintenance standards.

⁴Includes developed and undeveloped.

Table 9
Amoruso Ranch Specific Plan - Park Financing Plan
Approximate Allocation of Ongoing Operations and Maintenance Costs

Source	Total	Residential				Non-Residential	
		LDR	MDR	HDR	CMU	CC	CMU
Acres	388.3	248.8	50.3	38.2	5.5	23.9	21.8
Units	2,826	1,302	542	873	109	-	-
Square Feet	476,524	-	-	-	-	238,948	237,576
Table 8							
Operations/Maintenance (Residential & Nonresidential)	\$477,129.81	<i>EDU Factor per Unit</i>				<i>EDU Factor per SQFT</i>	
Use Factor		1.00	1.00	0.62	0.62	1,500	1,800
Total Use	2,744.13	1,302.00	542.00	541.26	67.58	159.30	131.99
Percentage of Total Use	100%	47%	20%	20%	2%	6%	5%
Cost Allocated to Use		\$226,382.89	\$94,239.27	\$94,110.60	\$11,750.35	\$27,697.77	\$22,948.94
O/M Res. & Nonres. Allocation per Unit/Sq.Ft.		\$173.87	\$173.87	\$107.80	\$107.80	\$0.12	\$0.10
Table 8							
Operations/Maintenance (Residential Only)	\$357,942.04	<i>EDU Factor per Unit</i>				<i>EDU Factor per SQFT</i>	
Use Factor		1.00	1.00	0.62	0.62	-	-
Total Use	2,452.84	1,302.00	542.00	541.26	67.58	-	-
Percentage of Total Use	100%	53%	22%	22%	3%	-	-
Cost Allocated to Use		\$190,000.38	\$79,093.86	\$78,985.87	\$9,861.92	-	-
O/M Res. Only Allocation per Unit/Sq.Ft.		\$145.93	\$145.93	\$90.48	\$90.48	-	-
Table 8							
Cost Allocation Per Unit/Sq.Ft.	\$835,071.85	\$319.80	\$319.80	\$198.28	\$198.28	\$0.12	\$0.10

Note: Costs will require adjustment upon completion of PAR for open space. See Table 8.

Appendix A:

Amoruso Ranch Parks

Option of Costs (TheCollaborative West)



Opinion of Probable Costs

Amoruso Ranch Parks

Brookfield Homes

Prepared: CF

Date:

21-Apr-16

Revised:

TheCollaborativeWest

100 Avenida Miramar

San Clemente, CA 92672

949-366-6624

SUMMARY

1 AR-60 1.28 AC	Construction	244,860.00
	Landscape	129,817.00
	Construction & Landscape	374,677.00
	Estimated Total with Contingency and Soft Cost	486,892.76
2 AR-61 1.87 AC	Construction	214,080.00
	Landscape	197,675.50
	Construction & Landscape	411,755.50
	Estimated Total with Contingency and Soft Cost	535,076.27
3 AR-62 10.11 AC	Construction	1,243,260.00
	Landscape	821,475.00
	Construction & Landscape	2,064,735.00
	Estimated Total with Contingency and Soft Cost	2,683,123.13
4 AR-63 1.72 AC	Construction	397,265.00
	Landscape	123,613.00
	Construction & Landscape	520,878.00
	Estimated Total with Contingency and Soft Cost	676,880.96
5 AR-64 2.12 AC	Construction	538,920.00
	Landscape	207,230.50
	Construction & Landscape	746,150.50
	Estimated Total with Contingency and Soft Cost	969,622.57
6 AR-66 3.04 AC	Construction	664,950.00
	Landscape	228,400.00
	Construction & Landscape	893,350.00
	Estimated Total with Contingency and Soft Cost	1,160,908.33
7 AR-67 2.0 AC	Construction	303,200.00
	Landscape	177,550.00
	Construction & Landscape	480,750.00
	Estimated Total with Contingency and Soft Cost	624,734.63
Grand Total		\$7,137,238.65
Cost Per Acre		\$322,368.50
Cost Per Square Foot		\$7.40

AR-60 (1.28 AC)

Item/Description	Qty.	Unit	Unit Price	Total
Construction				
Hardscape				
5' Walkways at Park (concrete)	6,945	sf	8.00	55,560.00
Half-court Basketball	1	ea	35,000.00	35,000.00
Masonry				
Entry Sign Wall	1	allow	8,000.00	8,000.00
Park Site Features				
Playground Structures	1	allow	80,000.00	80,000.00
Shade Structure	1	ea	30,000.00	30,000.00
Trash Receptacles	2	ea	800.00	1,600.00
Bench	10	ea	1,000.00	10,000.00
Picnic Tables	1	ea	2,200.00	2,200.00
Drinking Fountain	1	ea	5,000.00	5,000.00
Lighting				
Security Lighting	4	ea	3,000.00	12,000.00
Utilities				
Sanitary Sewer Service Stub	1	allow	2,000.00	2,000.00
Domestic Water Service Stub	1	allow	1,500.00	1,500.00
Storm Drain Service Stub	1	allow	2,000.00	2,000.00
Construction Total				\$244,860.00
Landscape				
Shrubs	21,411	sf	1.00	21,410.80
Turf (seed)	27,400	sf	0.35	9,590.00
Automatic Irrigation	48,811	sf	1.50	73,216.20
General SiteDrainage (HDPE Pipe w/ inlets)	1.28	ac	20,000.00	25,600.00
Landscape Total				\$129,817.00
Construction & Landscape Total				\$374,677.00
15% Contingency				\$56,201.55
13% Soft Costs				\$56,014.21
Estimated Total				\$486,892.76
Cost per Acre				\$380,384.97
Cost Per SF				\$8.73

AR-61 (1.87 AC)

Item/Description	Qty.	Unit	Unit Price	Total
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Construction*Hardscape*

<i>Paving at Shade Structure</i>	670	<i>sf</i>	8.00	5,360.00
<i>5' Walkways at Park (concrete)</i>	5,965	<i>sf</i>	8.00	47,720.00

Masonry

<i>Entry Sign Wall</i>	1	<i>allow</i>	8,000.00	8,000.00
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Park Site Features

<i>Playground Structures</i>	1	<i>allow</i>	80,000.00	80,000.00
<i>Shade Structures at Tot Lot</i>	1	<i>ea</i>	45,000.00	45,000.00
<i>Trash Receptacles</i>	2	<i>ea</i>	800.00	1,600.00
<i>Bench</i>	4	<i>ea</i>	1,000.00	4,000.00
<i>Picnic Tables</i>	2	<i>ea</i>	2,200.00	4,400.00
<i>Drinking Fountain</i>	1	<i>ea</i>	5,000.00	5,000.00

Lighting

<i>Security Lighting</i>	2	<i>ea</i>	3,000.00	6,000.00
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Utilities

<i>Sanitary Sewer Service Stub</i>	1	<i>allow</i>	2,000.00	2,000.00
<i>Recycled Water Stub</i>	1	<i>allow</i>	1,500.00	1,500.00
<i>Domestic Water Service Stub</i>	1	<i>allow</i>	1,500.00	1,500.00
<i>Storm Drain Service Stub</i>	1	<i>allow</i>	2,000.00	2,000.00

Construction Total \$214,080.00**Landscape**

<i>Shrubs</i>	33,622	<i>sf</i>	1.00	33,622.20
<i>Turf (seed)</i>	41,200	<i>sf</i>	0.35	14,420.00
<i>Automatic Irrigation</i>	74,822	<i>sf</i>	1.50	112,233.30
<i>General Site Drainage (HDPE Pipe w/ inlets)</i>	1.87	<i>ac</i>	20,000.00	37,400.00

Landscape Total \$197,675.50**Construction & Landscape Total \$411,755.50****15% Contingency \$61,763.33****13% Soft Costs \$61,557.45****Estimated Total \$535,076.27****Cost per Acre \$286,137.04****Cost Per SF \$6.57**

AR-62 (10.11 AC)

Item/Description	Qty.	Unit	Unit Price	Total
Construction				
<i>Hardscape</i>				
Paving at Pavillion/Overhead Structures (Concrete)	900	sf	8.00	7,200.00
Asphalt Paving at Parking Lot w/ Aggregate Base	32,720	sf	3.00	98,160.00
Walkways at Park (natural gray, light wash finish)	15,800	sf	8.00	126,400.00
<i>Masonry</i>				
Entry Sign Wall	1	ea	8,000.00	8,000.00
<i>Park Site Features</i>				
Playground Structures	1	allow	80,000.00	80,000.00
Basketball Court	2	ea	35,000.00	70,000.00
Shade Structure at Playground Area	1	ea	40,000.00	40,000.00
Trash Receptacles	10	ea	800.00	8,000.00
Picnic Tables	5	ea	2,200.00	11,000.00
6' Benches	12	ea	1,000.00	12,000.00
Drinking Fountain	4	ea	5,000.00	20,000.00
Restroom Building / Snack Shop	1	allow	300,000.00	300,000.00
<i>Ball Fields</i>				
Baseball (Outfield and Infield)	3	ea	100,000.00	300,000.00
Soccer Field Overlay	1	ea	58,000.00	58,000.00
Fencing (Chainlink)	750	lf	50.00	37,500.00
<i>Lighting</i>				
Security Lighting	20	ea	3,000.00	60,000.00
<i>Utilities</i>				
Sanitary Sewer Service Stub	1	allow	2,000.00	2,000.00
Domestic Water Service Stub	1	allow	1,500.00	1,500.00
Recycled Water Service Stub	1	allow	1,500.00	1,500.00
Storm Drain Service Stub	1	allow	2,000.00	2,000.00
Construction Total				\$1,243,260.00

AR-62 (10.11 AC)

<i>Item/Description</i>	<i>Qty.</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Total</i>
Landscape				
<i>Shrubs</i>	<i>40,200</i>	<i>sf</i>	<i>1.00</i>	<i>40,200.00</i>
<i>Turf (seed)</i>	<i>109,500</i>	<i>sf</i>	<i>0.35</i>	<i>38,325.00</i>
<i>Automatic Irrigation</i>	<i>360,500</i>	<i>sf</i>	<i>1.50</i>	<i>540,750.00</i>
<i>General SiteDrainage (HDPE Pipe w/ inlets)</i>	<i>10.11</i>	<i>ac</i>	<i>20,000.00</i>	<i>202,200.00</i>
Landscape Total				\$821,475.00
Construction & Landscape Total				\$2,064,735.00
15% Contingency				\$309,710.25
13% Soft Costs				\$308,677.88
Estimated Total				\$2,683,123.13
Cost per Acre				\$265,392.99
Cost Per SF				\$6.09

AR-63 (1.72 AC)

Item/Description	Qty.	Unit	Unit Price	Total
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Construction*Hardscape*

Bark Mulch/DG at Dog Park	26,835	sf	3.00	80,505.00
Paving at Shade Structure	1,425	sf	8.00	11,400.00
5' wide walkways at park (concrete)	2,650	sf	8.00	21,200.00
10' wide multi-purpose trail at park (concrete)	2,270	sf	8.00	18,160.00

Masonry

Entry Sign Wall	1	allow	8,000.00	8,000.00
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Metal

5'-6" Dog Park Fencing	1,000	lf	50.00	50,000.00
Metal Dog Park Gates	4	ea	250.00	1,000.00

Park Site Features

Shade Structure	2	ea	45,000.00	90,000.00
Playground Equipment	1	allow	80,000.00	80,000.00
Trash Receptacles	4	ea	800.00	3,200.00
Benches	7	ea	1,000.00	7,000.00
Picnic Tables	4	ea	2,200.00	8,800.00
Drinking Fountain	1	ea	5,000.00	5,000.00

Lighting

Security Lighting	2	ea	3,000.00	6,000.00
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Utilities

Sanitary Sewer Service Stub	1	allow	2,000.00	2,000.00
Domestic Water Service Stub	1	allow	1,500.00	1,500.00
Recycled Water Service Stub	1	allow	1,500.00	1,500.00
Storm Drain Service Stub	1	allow	2,000.00	2,000.00

Construction Total \$397,265.00

Landscape

Shrubs	18,443	sf	1.00	18,443.20
Turf (seed)	23,300	sf	0.35	8,155.00
Automatic Irrigation	41,743	sf	1.50	62,614.80
General Site Drainage (HDPE Pipe w/ inlets)	1.72	ac	20,000.00	34,400.00

Landscape Total \$123,613.00

Construction & Landscape Total \$520,878.00

15% Contingency \$78,131.70

13% Soft Costs \$77,871.26

Estimated Total \$676,880.96

Cost per Acre \$393,535.44

Cost Per SF \$9.03

AR-64 (2.12 AC)

Item/Description	Qty.	Unit	Unit Price	Total
Construction				
<i>Hardscape</i>				
Concrete Paving at Shade Structure	4,500	sf	8.00	36,000.00
5' Walkway (concrete)	11,815	sf	8.00	94,520.00
8' Walk (concrete)	7,600	sf	8.00	60,800.00
<i>Masonry</i>				
Entry Sign Wall	1	allow	8,000.00	8,000.00
<i>Park Site Features</i>				
Playground Equipment	1	allow	80,000.00	80,000.00
Shade Structures	3	ea	45,000.00	135,000.00
Canvas Structure at Shaded Seating Area	1	ea	65,000.00	65,000.00
Crossfit Stations	3	ea	2,000.00	6,000.00
Trash Receptacles	4	ea	800.00	3,200.00
Benches	6	ea	1,000.00	6,000.00
Bike Racks	1	ea	1,200.00	1,200.00
Drinking Fountain	1	ea	5,000.00	5,000.00
Picnic Tables	6	ea	2,200.00	13,200.00
<i>Lighting and Electrical</i>				
Security Lighting	6	ea	3,000.00	18,000.00
<i>Utilities</i>				
Sanitary Sewer Service Stub	1	allow	2,000.00	2,000.00
Domestic Water Service Stub	1	allow	1,500.00	1,500.00
Recycled Water Service Stub	1	allow	1,500.00	1,500.00
Storm Drain Service Stub	1	allow	2,000.00	2,000.00
Construction Total				\$538,920.00
Landscape				
Planting	43,432	sf	1.00	43,432.20
Turf (sod)	25,000	sf	0.75	18,750.00
Automatic Irrigation	68,432	sf	1.50	102,648.30
General Site Drainage (HDPE Pipe w/ inlets)	2.12	ac	20,000.00	42,400.00
Landscape Total				\$207,230.50
Construction & Landscape Total				\$746,150.50
15% Contingency				\$111,922.58
13% Soft Costs				\$111,549.50
Estimated Total				\$969,622.57
Cost per Acre				\$457,369.14
Cost Per SF				\$10.50

AR-66 (3.04 AC)

Item/Description	Qty.	Unit	Unit Price	Total
Construction				
<i>Hardscape</i>				
Paving at Picnic Area	8,000	sf	8.00	64,000.00
Paving at Stage	1,200	sf	8.00	9,600.00
Walkways at Park (natural gray w/ finish)	12,000	sf	8.00	96,000.00
Surfacing at Game Area	6,750	sf	3.00	20,250.00
Surfacing at Bocce Courts	1,500	sf	3.00	4,500.00
Surfacing at Hard Courts	700	sf	10.00	7,000.00
Mowcurb at Horseshoes and Bocce	400	lf	15.00	6,000.00
<i>Masonry</i>				
Entry Sign Wall	1	allow	8,000.00	8,000.00
<i>Park Site Features</i>				
Playground Structures	1	allow	80,000.00	80,000.00
Covered Stage (Shade Sail)	1	allow	75,000.00	75,000.00
Restroom Building	1	allow	170,000.00	170,000.00
30' high Flag Pole	1	ea	600.00	600.00
Trash Receptacles	10	ea	800.00	8,000.00
Picnic Tables	20	ea	2,200.00	44,000.00
6' Benches	30	ea	1,000.00	30,000.00
Drinking Fountain	1	ea	5,000.00	5,000.00
<i>Lighting</i>				
Security Lighting	10	ea	3,000.00	30,000.00
<i>Utilities</i>				
Sanitary Sewer Service Stub	1	allow	2,000.00	2,000.00
Domestic Water Service Stub	1	allow	1,500.00	1,500.00
Recycled Water Stub	1	allow	1,500.00	1,500.00
Storm Drain Service Stub	1	allow	2,000.00	2,000.00
Construction Total				\$664,950.00
Landscape				
Shrubs	30,500	sf	1.00	30,500.00
Turf (sod)	40,600	sf	0.75	30,450.00
Automatic Irrigation	71,100	sf	1.50	106,650.00
General Site Drainage (HDPE Pipe w/ inlets)	3.04	ac	20,000.00	60,800.00
Landscape Total				\$228,400.00
Construction & Landscape Total				\$893,350.00
15% Contingency				\$134,002.50
13% Soft Costs				\$133,555.83
Estimated Total				\$1,160,908.33
Cost per Acre				\$381,877.74
Cost Per SF				\$8.77

AR-67 (2.0 AC)

Item/Description	Qty.	Unit	Unit Price	Total
Construction				
<i>Hardscape</i>				
Paving at Shade Structure	2,000	sf	8.00	16,000.00
5' Walkways at Park (concrete)	8,350	sf	8.00	66,800.00
<i>Masonry</i>				
Entry Sign Wall	1	allow	8,000.00	8,000.00
<i>Park Site Features</i>				
Playground Structures & Surfaces	1	allow	80,000.00	80,000.00
Shade Structure	2	ea	45,000.00	90,000.00
Trash Receptacles	2	ea	800.00	1,600.00
Picnic Tables	4	ea	2,200.00	8,800.00
6' Benches	8	ea	1,000.00	8,000.00
Drinking Fountain	1	ea	5,000.00	5,000.00
<i>Lighting</i>				
Security Lighting	4	ea	3,000.00	12,000.00
<i>Utilities</i>				
Sanitary Sewer Service Stub	1	allow	2,000.00	2,000.00
Domestic Water Service Stub	1	allow	1,500.00	1,500.00
Recycled Water Service Stub	1	allow	1,500.00	1,500.00
Storm Drain Service Stub	1	allow	2,000.00	2,000.00
			Construction Total	\$303,200.00
Landscape				
Shrubs	6,920	sf	1.00	6,920.00
Turf (seed)	65,000	sf	0.35	22,750.00
Automatic Irrigation	71,920	sf	1.50	107,880.00
General Site Drainage (HDPE Pipe w/ inlets)	2.00	ac	20,000.00	40,000.00
			Landscape Total	\$177,550.00
			Construction & Landscape Total	\$480,750.00
			15% Contingency	\$72,112.50
			13% Soft Costs	\$71,872.13
			Estimated Total	\$624,734.63
			Cost per Acre	\$312,367.31
			Cost Per SF	\$7.17

Exhibit X Bikeway Master Plan

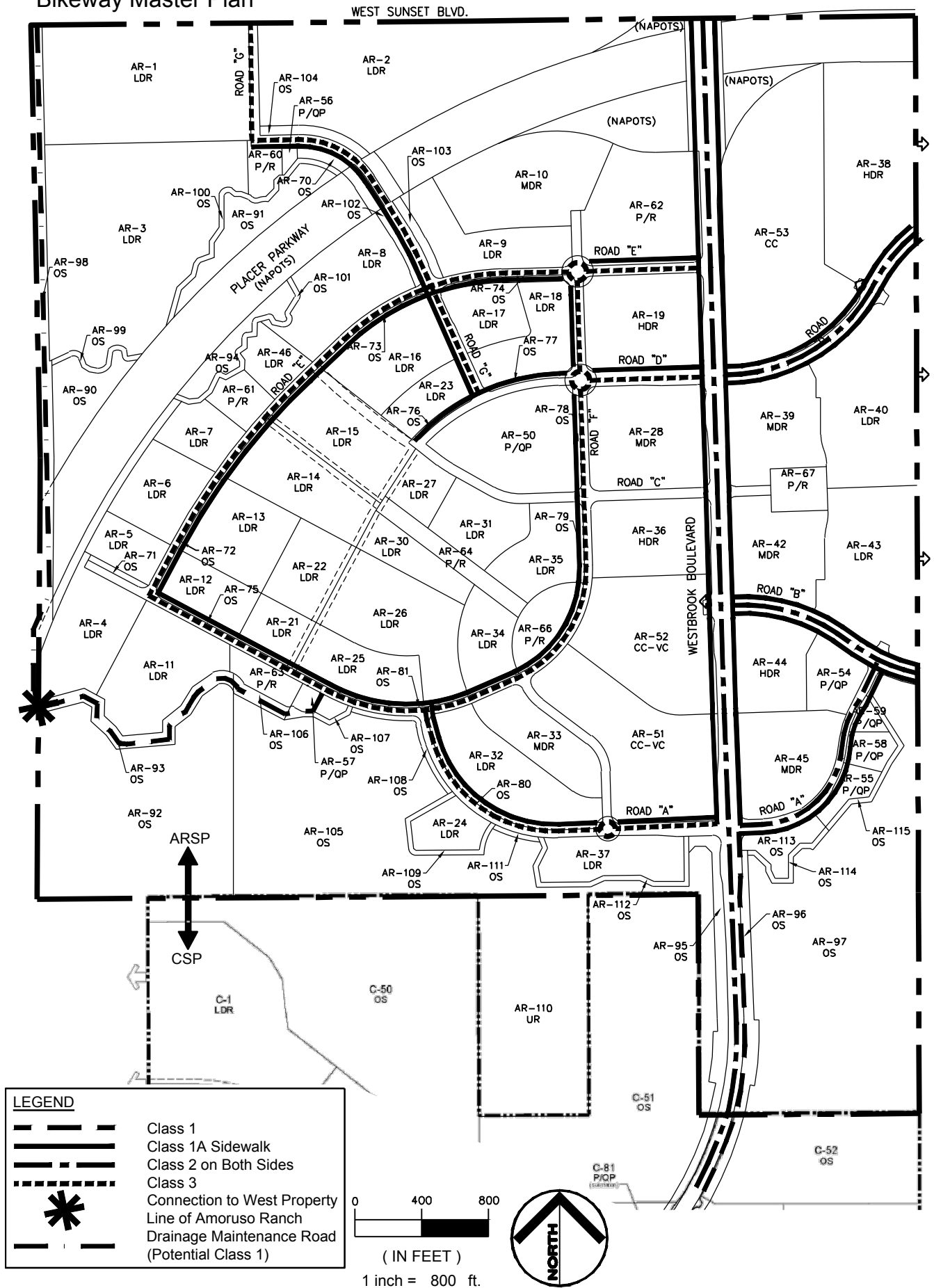


Exhibit Y Open Space Areas

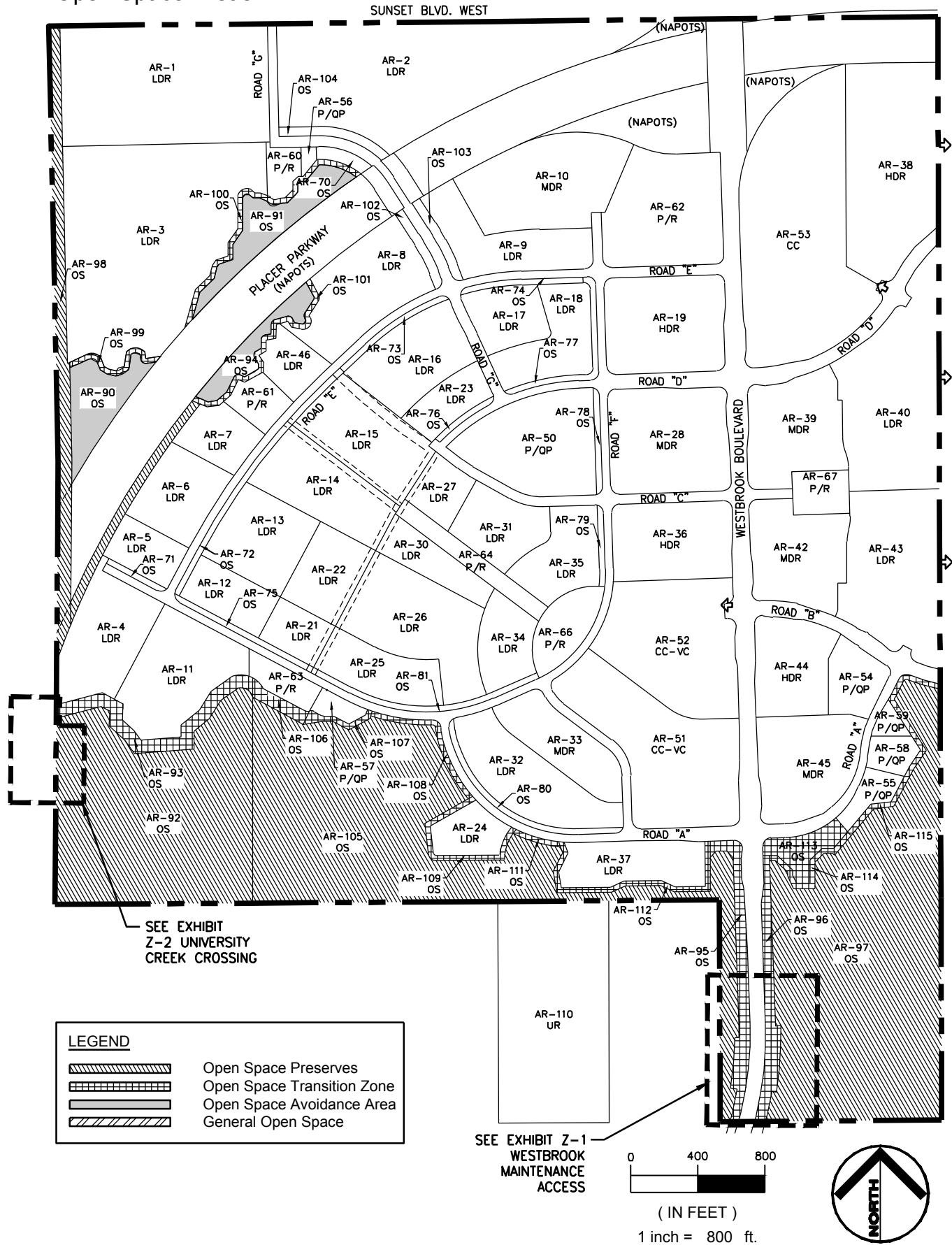
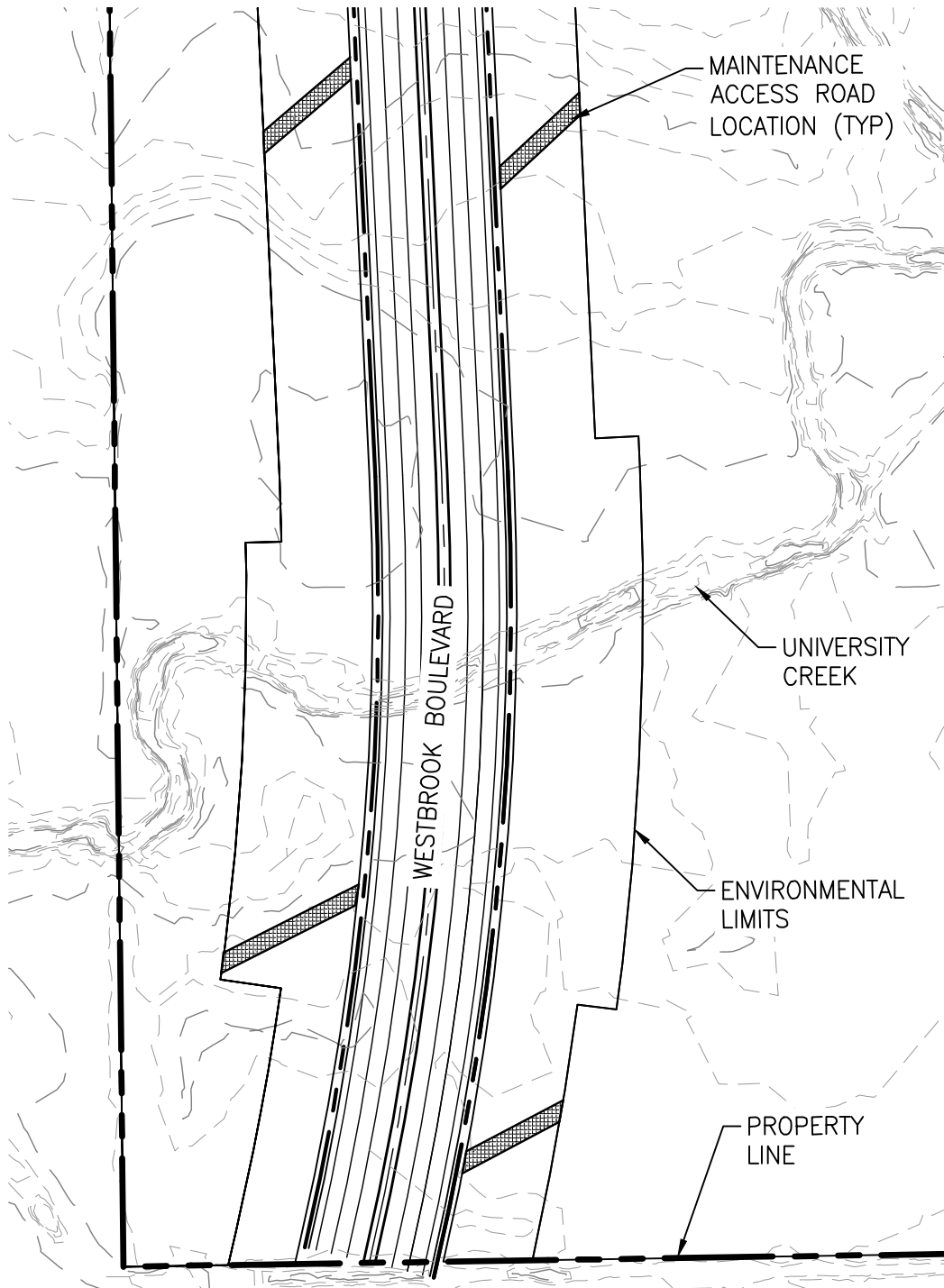
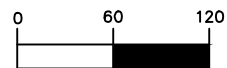


Exhibit Z 01

Westbrook Boulevard Maintenance Access



LEGEND	
	Right of Way
	Centerline
	Lane Stripe
	Existing Contour



(IN FEET)

1 inch = 100 ft.

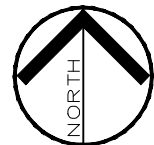
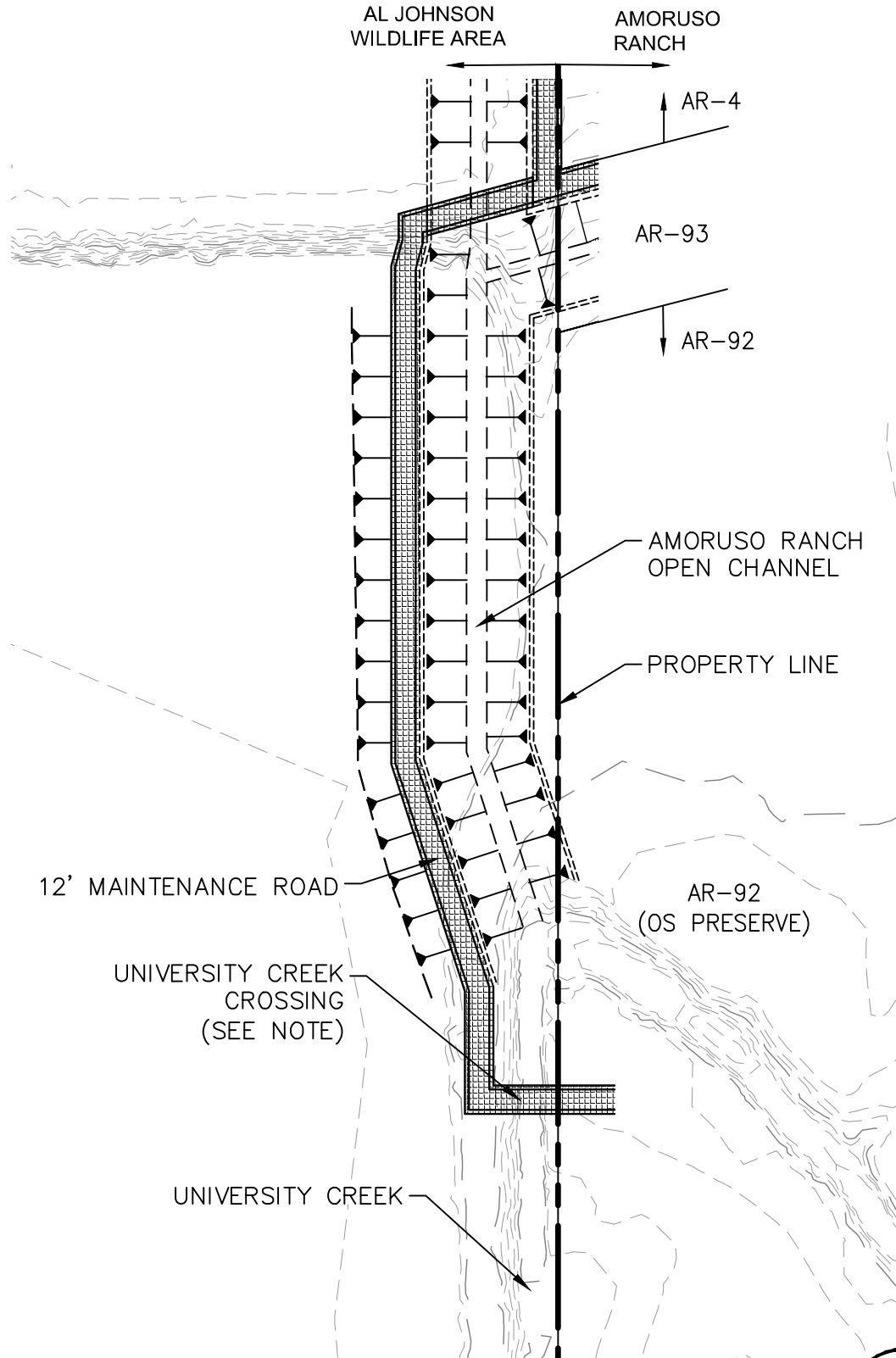


Exhibit Z

University of California, Davis



NOTE:
ANY MAINTENANCE ACCESS CROSSING OF UNIVERSITY CREEK MUST BE CAPABLE OF ACCOMMODATING A 30,000 LB VEHICLE. THE CROSSING DESIGN SHALL BE SUPPORTED BY A HYDRAULIC ANALYSIS DEMONSTRATING NO FLOOD PLAIN IMPACTS.

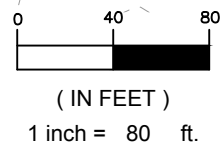


Exhibit AA

DDE Allocation to Specific Plan Parcels for SP debris removals

Amoruso Ranch Specific Plan		Specific Plan										
Parcel	Specific Plan Land Use	Acres	Units	Density	Water EDU's	% of ARSP Water EDUs	Sewer EDUs	% of ARSP Sewer EDUs	Recycled Water EDUs	% of ARSP R.W. EDUs	Traffic EDUs	% of ARSP Traffic EDUs
AR-1	LDR	19.9	68	3.4	83	4.23%	68	2.56%	83	4.23%	68	2.16%
AR-2	LDR	25.0	97	3.9	97	4.97%	97	3.65%	97	4.97%	97	3.08%
AR-3	LDR	27.3	80	2.9	97	4.98%	80	3.01%	97	4.98%	80	2.54%
AR-4	LDR	7.3	41	5.7	36	1.83%	41	1.54%	36	1.83%	41	1.30%
AR-5	LDR	2.8	17	6.2	12	0.62%	17	0.64%	12	0.62%	17	0.54%
AR-6	LDR	5.0	34	6.8	24	1.25%	34	1.28%	24	1.25%	34	1.08%
AR-7	LDR	3.2	18	5.7	16	0.80%	18	0.68%	16	0.80%	18	0.57%
AR-8	LDR	8.2	52	6.4	37	1.91%	52	1.96%	37	1.91%	52	1.65%
AR-9	LDR	6.2	40	6.4	29	1.47%	40	1.51%	29	1.47%	40	1.27%
AR-11	LDR	8.7	55	6.3	39	2.02%	55	2.07%	39	2.02%	55	1.75%
AR-12	LDR	3.4	21	6.2	15	0.77%	21	0.79%	15	0.77%	21	0.67%
AR-13	LDR	6.1	40	6.6	29	1.47%	40	1.51%	29	1.47%	40	1.27%
AR-14	LDR	7.1	45	6.4	32	1.65%	45	1.70%	32	1.65%	45	1.43%
AR-15	LDR	6.9	45	6.5	32	1.65%	45	1.70%	32	1.65%	45	1.43%
AR-16	LDR	6.8	43	6.3	31	1.58%	43	1.62%	31	1.58%	43	1.37%
AR-17	LDR	3.6	24	6.7	17	0.88%	24	0.90%	17	0.88%	24	0.76%
AR-18	LDR	5.1	31	6.1	22	1.14%	31	1.17%	22	1.14%	31	0.98%
AR-21	LDR	2.4	13	5.5	11	0.58%	13	0.49%	11	0.58%	13	0.41%
AR-22	LDR	4.3	28	6.5	20	1.03%	28	1.05%	20	1.03%	28	0.89%
AR-23	LDR	2.9	19	6.5	14	0.70%	19	0.72%	14	0.70%	19	0.60%
AR-24	LDR	10.3	55	5.3	48	2.45%	55	2.07%	48	2.45%	55	1.75%
AR-25	LDR	4.6	28	6.1	20	1.03%	28	1.05%	20	1.03%	28	0.89%
AR-26	LDR	9.7	55	5.7	48	2.45%	55	2.07%	48	2.45%	55	1.75%
AR-27	LDR	2.4	15	6.3	11	0.55%	15	0.57%	11	0.55%	15	0.48%
AR-30	LDR	3.3	23	6.9	16	0.85%	23	0.87%	16	0.85%	23	0.73%
AR-31	LDR	4.4	27	6.1	19	0.99%	27	1.02%	19	0.99%	27	0.86%
AR-32	LDR	7.7	50	6.5	36	1.84%	50	1.88%	36	1.84%	50	1.59%
AR-34	LDR	3.8	19	5.0	19	0.97%	19	0.72%	19	0.97%	19	0.60%
AR-35	LDR	4.6	24	5.2	21	1.07%	24	0.90%	21	1.07%	24	0.76%
AR-37	LDR	6.3	33	5.3	29	1.47%	33	1.24%	29	1.47%	33	1.05%
AR-40	LDR	13.5	71	5.3	62	3.16%	71	2.67%	62	3.16%	71	2.26%
AR-43	LDR	13.6	78	5.7	68	3.47%	78	2.94%	68	3.47%	78	2.48%
AR-46	LDR	2.6	13	5.1	11	0.58%	13	0.49%	11	0.58%	13	0.41%
Low Density Residential		248.8	1,302	191.3	1,100	56%	1,302	49%	1,100	56%	1,302	41%

Amoruso Ranch Specific Plan		Specific Plan										
Parcel	Specific Plan Land Use	Acres	Units	Density	Water EDU's	% of ARSP Water EDUs	Sewer EDUs	% of ARSP Sewer EDUs	Recycled Water EDUs	% of ARSP R.W. EDUs	Traffic EDUs	% of ARSP Traffic EDUs
AR-10	MDR	10.7	138	12.9	66	3.40%	138	5.20%	66	3.40%	138	4.38%
AR-28	MDR	10.3	129	12.5	62	3.18%	129	4.86%	62	3.18%	129	4.10%
AR-33	MDR	5.3	61	11.5	33	1.68%	61	2.30%	33	1.68%	61	1.94%
AR-39	MDR	7.4	54	7.4	39	1.98%	54	2.03%	39	1.98%	54	1.72%
AR-42	MDR	8.4	66	7.9	47	2.43%	66	2.49%	47	2.43%	66	2.10%
AR-45	MDR	8.2	94	11.4	51	2.60%	94	3.54%	51	2.60%	94	2.99%
Medium Density Residential		50.3	542	63.6	298	15%	542	20%	298	15%	542	17%
AR-19	HDR	9.3	230	24.6	68	3.48%	157	5.93%	68	3.48%	141	4.49%
AR-36	HDR	7.6	113	15.0	54	2.78%	77	2.91%	54	2.78%	69	2.20%
AR-38	HDR	15.2	380	25.0	112	5.75%	260	9.80%	112	5.75%	233	7.41%
AR-44	HDR	6.0	150	24.9	44	2.27%	103	3.87%	44	2.27%	92	2.93%
High Density Residential		38.1	873	89.5	278	14%	597	23%	278	14%	536	17%
AR-51	CC-VC	14.2	91		44	2.24%	62	2.35%	44	2.24%	56	1.77%
AR-51	CC-VC				62	3.16%	54	2.05%	62	3.16%	189	6.01%
AR-52	CC-VC		18		9	0.44%	12	0.46%	9	0.44%	11	0.35%
AR-52	CC-VC				57	2.90%	50	1.89%	57	2.90%	174	5.53%
AR-53	CC	23.9			103	5.30%	34	1.27%	103	5.30%	338	10.73%
Community Commercial		51.1	109		274	14%	213	8%	274	14%	768	24%
TOTAL		388.3	2,826	7.3	1,950	100%	2,654	100%	1,950	100%	3,148	100%

Note:

- [1] One Water EDU = 600 gpd (Based on Table 1 of the ARSP Water Master Plan Final Report, February 2016)
- [2] One Sewer EDU = 190 gpd (Based on Table 1 of the ARSP Wastewater Master Plan Final Report, February 2016)
- [3] One Recycled Water EDU = 600 gpd (Based on Table 1 of the ARSP Recycled Water Master Plan Final Report, February 2016)
- [4] Based on Table 6 of the ARSP Final Traffic Study, December 5, 2015

Exhibit 11

Infrastructure Investment Schedule

Roadway Improvements:

1. Construct roadway (Westbrook Boulevard) between C-51 and C-52 (R1, on Exhibit H-1) within the Creekview Specific Plan.
 - a. Construction Responsibility: Amoruso
 - b. Cost Sharing: City CIP

Wastewater Improvements:

1. Construct 18-inch sewer line (WW1, on Exhibit K-1) and appurtenances (390± LF) in Westbrook and Blue Oaks Boulevards.
 - a. Construction Responsibility: Creekview
 - b. Cost Sharing: Amoruso and Creekview
2. Construct 18-inch sewer line (WW2, on Exhibit K-1) and appurtenances (Per WRSP DA) in Westbrook Boulevard.
 - a. Construction Responsibility: WRSP
 - b. Cost Sharing: Amoruso and Creekview
3. Construct 24-inch sewer line (WW3, on Exhibit K-1) and appurtenances (Per WRSP DA) in Phillip Road.
 - a. Construction Responsibility: WRSP
 - b. Cost Sharing: Amoruso and Creekview

Water Improvements:

1. Construct 24-inch water line (DW1, on Exhibit O-2) and appurtenances (1,210± LF) in Westbrook Boulevard.
 - a. Construction Responsibility: Creekview
 - b. Cost Sharing: Amoruso and Creekview
2. Construct 24-inch water line (DW2, on Exhibit O-2) and appurtenances (2,790± LF) in Westbrook Boulevard.
 - a. Construction Responsibility: Creekview
 - b. Cost Sharing: Amoruso and Creekview

3. Construct 24-inch water line (DW3, on Exhibit O-2) and appurtenances (2,390± LF) in Blue Oaks Boulevard.
 - a. Construction Responsibility: Creekview
 - b. Cost Sharing: Amoruso, Creekview, WRSP, and Other 3rd Parties
4. Construct 24-inch water line (DW4, on Exhibit O-2) and appurtenances (Per WRSP DA) in West Park Drive.
 - c. Construction Responsibility: WRSP
 - d. Cost Sharing: Amoruso, Creekview, WRSP, and Other 3rd Parties
5. Construct 24-inch water line (DW5, on Exhibit O-1) and appurtenances (1,610± LF) in Road "D".
 - a. Construction Responsibility: Amoruso
 - b. Cost Sharing: Amoruso and Other 3rd Party
6. Construct 24-inch water line (DW6, on Exhibit O-1) and appurtenances (1,280± LF) in Road "B".
 - e. Construction Responsibility: Amoruso
 - f. Cost Sharing: Amoruso and Other 3rd Party

Recycled Water Improvements:

1. Construct 12-inch recycled water line (RW1, on Exhibit Q-1) and appurtenances (1,210± LF) in Westbrook Boulevard.
 - a. Construction Responsibility: Creekview
 - b. Cost Sharing: Amoruso and Creekview
2. Construct 16-inch recycled water line (RW2, on Exhibit Q-1) and appurtenances (2,820± LF) in Westbrook and Blue Oaks Boulevard.
 - a. Construction Responsibility: Creekview
 - b. Cost Sharing: Amoruso and Creekview
3. Construct 24-inch recycled water line (RW3, on Exhibit Q-1) and appurtenances (2,400± LF) in Blue Oaks Boulevard.
 - c. Construction Responsibility: Creekview
 - d. Cost Sharing: Amoruso , Creekview, WRSP and Other 3rd Parties

4. Construct 24-inch recycled water line (RW4, on Exhibit Q-1) and appurtenances (Per WRSP DA) in West Park Drive.
 - e. Construction Responsibility: WRSP
 - f. Cost Sharing: Amoruso , Creekview, WRSP and Other 3rd Parties

EXHIBIT CC

FIRE STATION SITE REIMBURSEMENTS						
Reimbursements to ARSP						
No	Site	Planning Area Designation	Reimbursement From	Overall Reimbursement Cost	% Reimbursement	Reimbursement Owed to ARSP
1	P/QP	AR-54	CSP or Other 3rd Party	\$ 612,000	41.60	\$ 254,592

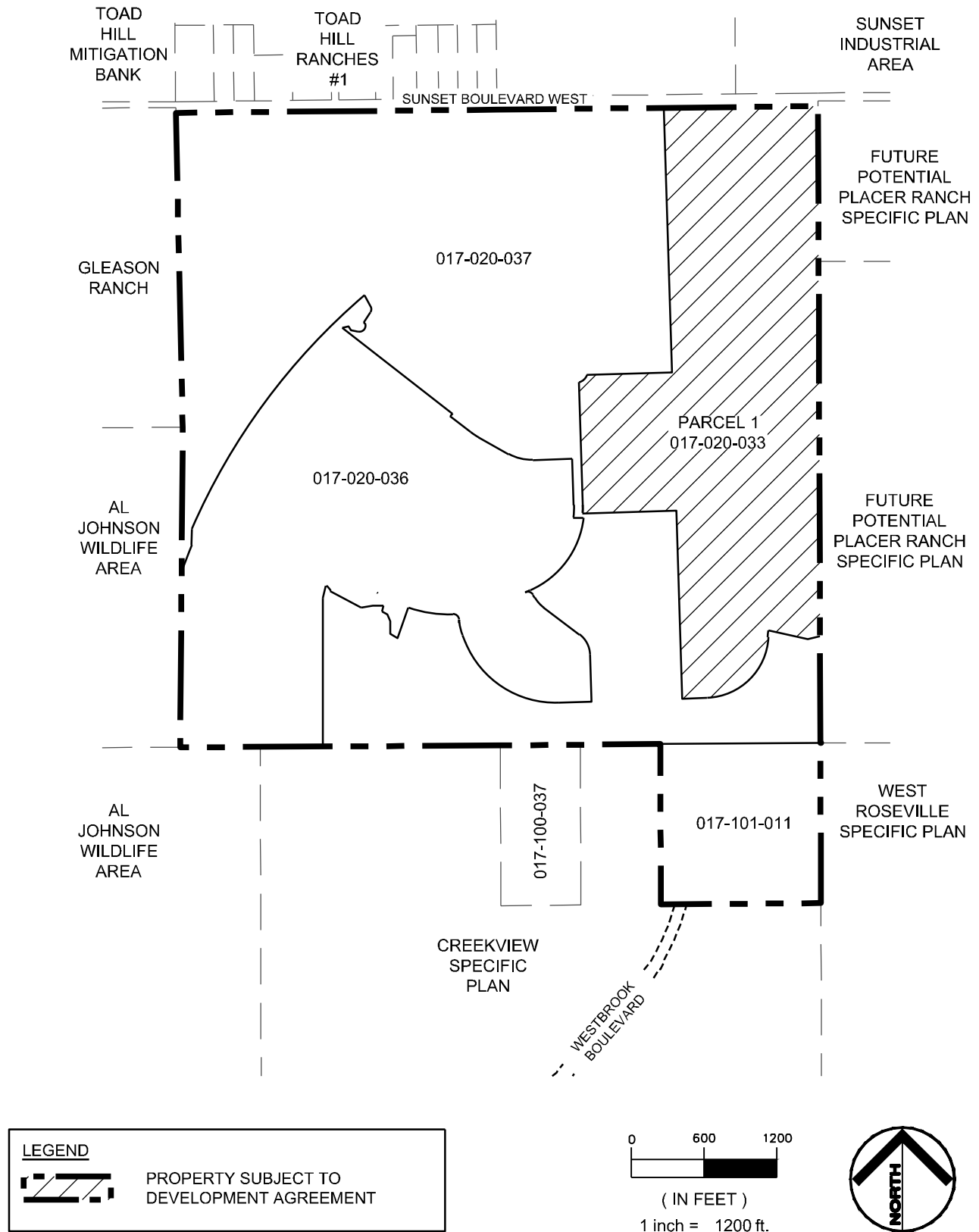
Note:

1. Improvements limited to site development, frontage and an allowance for temporary access. Actual fire station construction is not included.
2. Reimbursement estimate is based on unit ratio.

Exhibit DD

Sample Assignment and Assumption Agreement

Exhibit B Property Map



PROJECT NOTES

RECORD OWNER
JENNIFER M. AMORUSO, SUCCESSOR TRUSTEE
AMORUSO FAMILY LIVING TRUST
PO BOX 640
PLYMOUTH, CA 95669

ASSessor's PARCEL NUMBERS
017-020-032, -033, 017-010-011

AREA
674.4 ± ACRES

NUMBER OF PARCELS
101 LARGE LOT PARCELS

EXISTING USE
VACANT

PROPOSED USE
FUTURE PLANNED DEVELOPMENT

EXISTING ZONING
F-B-X

PROPOSED ZONING
SEE LAND USE SUMMARY BELOW

PARK DISTRICT
CITY OF ROSEVILLE

SCHOOL DISTRICT
ROSEVILLE CITY SCHOOL DISTRICT
ROSEVILLE JOINT UNION HIGH SCHOOL DISTRICT

SEWER
CITY OF ROSEVILLE

STORM DRAIN
CITY OF ROSEVILLE

WATER
CITY OF ROSEVILLE

ELECTRICITY
CITY OF ROSEVILLE

GAS
PG&E

ENGINEER/PLANNER
WOOD RODGERS INC.
3301 C STREET, BLDG. 100B
SACRAMENTO, CA 95816
CONTACT: PAUL KLEIN, PE #48367
STAN METTE
PHONE: (916) 341-7760

NOTE

- SUBDIVIDER(S) RESERVES THE RIGHT TO FILE MULTIPLE FINAL MAPS PURSUANT TO SECTION 66456.1 OF THE SUBDIVISION MAP ACT.
- A 10' P.U.E. SHALL BE LOCATED ADJACENT TO ALL PUBLIC STREETS UNLESS OTHERWISE SHOWN ON THIS EXHIBIT.
- MASTER PARCEL NUMBERING IS FOR IDENTIFICATION PURPOSES ONLY AND DOES NOT INDICATE PHASING OR ORDER OF DEVELOPMENT.
- ALL EXISTING STRUCTURES TO BE REMOVED AND ALL EXISTING WELLS TO BE ABANDONED.
- EXISTING TOPOGRAPHY PROVIDED BY OTHERS.
- THIS IS AN APPLICATION FOR A DEVELOPMENT PERMIT.
- THIS EXHIBIT IS FOR TENTATIVE MAP PURPOSES ONLY. ALL SITE CHARACTERISTICS ARE TO BE VERIFIED PRIOR TO FINAL MAP.
- PURSUANT TO SECTION 66499.20.2 OF THE SUBDIVISION MAP ACT, THE LAND SHOWN HEREON IS HEREBY TO BE MERGED AND RE-SUBDIVIDED.
- MASTER PARCEL LINES SHOWN HEREON ARE SUBJECT TO CHANGE AS ACCESS, PUBLIC UTILITIES AND/OR PHASING REQUIREMENTS DICTATE.
- TEMPORARY ACCESS EASEMENTS TO BE ABANDONED & RE-LOCATED ON SUBSEQUENT SMALL LOT TENTATIVE MAPS.
- FUTURE PUBLIC LANDS, INCLUDING THE WELL SITE, SEWER LIFT STATION, FIRE STATION, OPEN SPACE, DRAINAGE CHANNELS, PARKS AND THE FUTURE PLACER PARKWAY ALIGNMENT TO BE DEDICATED TO THE CITY AS AN IRREVOCABLE OFFER OF DEDICATION (IOD). SCHOOL SITE IS EXCLUDED.
- OFF-SITE DRAINAGE IMPROVEMENTS TO BE CONSTRUCTED PER SPECIFIC PLAN DRAINAGE STUDY AND DEVELOPMENT AGREEMENT.

LAND USE SUMMARY

LOT NO.	GENERAL DESIGNATION	ZONING	LAND USE DESCRIPTION	GROSS ACRE
AR-1	LDR	R1	LOW DENSITY RESIDENTIAL	20.2
AR-2	LDR	R1	LOW DENSITY RESIDENTIAL	24.7
AR-3	LDR	R1	LOW DENSITY RESIDENTIAL	27.3
AR-4	LDR	RS/D3	LOW DENSITY RESIDENTIAL	7.3
AR-5	LDR	RS/D3	LOW DENSITY RESIDENTIAL	2.8
AR-6	LDR	RS/D3	LOW DENSITY RESIDENTIAL	5.0
AR-7	LDR	RS/D3	LOW DENSITY RESIDENTIAL	3.1
AR-8	LDR	RS/D3	LOW DENSITY RESIDENTIAL	8.4
AR-9	LDR	RS/D3	LOW DENSITY RESIDENTIAL	6.3
AR-10	LDR	RS/D3	LOW DENSITY RESIDENTIAL	8.4
AR-11	LDR	RS/D3	LOW DENSITY RESIDENTIAL	6.1
AR-12	LDR	RS/D3	LOW DENSITY RESIDENTIAL	7.1
AR-13	LDR	RS/D3	LOW DENSITY RESIDENTIAL	7.1
AR-14	LDR	RS/D3	LOW DENSITY RESIDENTIAL	7.4
AR-15	LDR	RS/D3	LOW DENSITY RESIDENTIAL	8.6
AR-16	LDR	RS/D3	LOW DENSITY RESIDENTIAL	3.6
AR-17	LDR	RS/D3	LOW DENSITY RESIDENTIAL	5.1
AR-18	LDR	RS/D3	LOW DENSITY RESIDENTIAL	2.4
AR-19	LDR	RS/D3	LOW DENSITY RESIDENTIAL	4.4
AR-20	LDR	RS/D3	LOW DENSITY RESIDENTIAL	2.8
AR-21	LDR	RS/D3	LOW DENSITY RESIDENTIAL	2.8
AR-22	LDR	RS/D3	LOW DENSITY RESIDENTIAL	2.8
AR-23	LDR	RS/D3	LOW DENSITY RESIDENTIAL	2.5
AR-24	LDR	RS/D3	LOW DENSITY RESIDENTIAL	4.7
AR-25	LDR	RS/D3	LOW DENSITY RESIDENTIAL	9.7
AR-26	LDR	RS/D3	LOW DENSITY RESIDENTIAL	2.4
AR-27	LDR	RS/D3	LOW DENSITY RESIDENTIAL	3.2
AR-28	LDR	RS/D3	LOW DENSITY RESIDENTIAL	4.5
AR-29	LDR	RS/D3	LOW DENSITY RESIDENTIAL	7.6
AR-30	LDR	RS/D3	LOW DENSITY RESIDENTIAL	3.7
AR-31	LDR	RS/D3	LOW DENSITY RESIDENTIAL	7.6
AR-32	LDR	RS/D3	LOW DENSITY RESIDENTIAL	14.4
AR-33	LDR	RS/D3	LOW DENSITY RESIDENTIAL	5.1
AR-34	LDR	RS/D3	LOW DENSITY RESIDENTIAL	12.1
AR-35	LDR	RS/D3	LOW DENSITY RESIDENTIAL	2.4
AR-36	LDR	RS/D3	LOW DENSITY RESIDENTIAL	12.1
AR-37	LDR	RS/D3	LOW DENSITY RESIDENTIAL	12.1
AR-38	LDR	RS/D3	LOW DENSITY RESIDENTIAL	12.1
AR-39	LDR	RS/D3	LOW DENSITY RESIDENTIAL	12.1
AR-40	LDR	RS/D3	LOW DENSITY RESIDENTIAL	12.1
SUBTOTAL				239.3
AR-40	MDR	RS/D3	MEDIUM DENSITY RESIDENTIAL	10.5
AR-48	MDR	RS/D3	MEDIUM DENSITY RESIDENTIAL	10.2
AR-49	MDR	RS/D3	MEDIUM DENSITY RESIDENTIAL	10.2
AR-50	MDR	RS/D3	MEDIUM DENSITY RESIDENTIAL	10.2
AR-52	MDR	RS/D3	MEDIUM DENSITY RESIDENTIAL	7.5
AR-54	MDR	RS/D3	MEDIUM DENSITY RESIDENTIAL	8.0
SUBTOTAL				47.3
AR-19	HDR	R3	HIGH DENSITY RESIDENTIAL	9.3
AR-36	HDR	R3	HIGH DENSITY RESIDENTIAL	7.5
AR-38	HDR	R3	HIGH DENSITY RESIDENTIAL	14.4
AR-44	HDR	R3	HIGH DENSITY RESIDENTIAL	5.9
SUBTOTAL				37.8
AR-20	PUP/P	PUP/P	PUBLIC/ QUASI-PUBLIC	1.5
AR-29	PUP/P	PUP/P	PUBLIC/ QUASI-PUBLIC	0.7
AR-30	PUP/P	PUP/P	SCHOOL	9.6
AR-54	PUP/P	PUP/P	PUBLIC/ QUASI-PUBLIC	1.3
AR-55	PUP/P	PUP/P	PUBLIC/ QUASI-PUBLIC	1.3
AR-56	PUP/P	PUP/P	PUBLIC/ QUASI-PUBLIC	0.3
AR-57	PUP/P	PUP/P	PUBLIC/ QUASI-PUBLIC	0.9
SUBTOTAL				17.1
AR-51	CCVC	CM/SA	COMMUNITY COMMERCIAL	14.3
AR-52	COMM	CM/SA	COMMUNITY COMMERCIAL	14.3
AR-53	CC	CM/SA	COMMUNITY COMMERCIAL	23.7
SUBTOTAL				51.0
AR-60	P/R	P/R	PARKS & RECREATION	1.3
AR-61	P/R	P/R	PARKS & RECREATION	1.9
AR-62	P/R	P/R	PARKS & RECREATION	10.3
AR-63	P/R	P/R	PARKS & RECREATION	2.5
AR-64	P/R	P/R	PARKS & RECREATION	2.5
AR-65	P/R	P/R	PARKS & RECREATION	3.1
AR-66	P/R	P/R	PARKS & RECREATION	3.1
AR-67	P/R	P/R	PARKS & RECREATION	3.0
SUBTOTAL				22.8
AR-41	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.2
AR-47	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.6
AR-48	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.6
AR-49	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.8
AR-58	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.7
AR-67	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.7
AR-68	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.4
AR-65	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.4
AR-68	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.4
AR-70	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.4
AR-71	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.3
AR-72	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.3
AR-73	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	1.0
AR-74	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.6
AR-75	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.6
AR-76	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.6
AR-77	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.9
AR-78	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.9
AR-79	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.4
AR-80	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	1.1
AR-81	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	1.1
AR-80	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	3.8
AR-91	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	26.7
AR-92	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	26.7
AR-93	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.7
AR-98	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.7
AR-94	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	2.3
AR-96	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	1.8
AR-97	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	1.9
AR-98	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	6.2
AR-98	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	1.7
AR-99	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	1.7
AR-100	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	1.2
AR-101	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	1.0
AR-102	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.6
AR-103	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.7
AR-104	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.4
AR-105	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	37.9
AR-106A	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.6
AR-106B	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.6
AR-107	OS	OS	OPEN SPACE / PRESERVED OPEN SPACE	0.3
SUBTOTAL				102.3
LOT A	IR	RW	WESTROCK ROAD INTERIOR RIGHTS	51.5
SUBTOTAL				51.5
LOT B	IR	RW	FUTURE PLACER PARKWAY	47.3
SUBTOTAL				47.3
TOTAL				674.4

AMORUSO RANCH SPECIFIC PLAN

MITIGATION MONITORING AND REPORTING PROGRAM

INTRODUCTION

Section 15097 of the California Environmental Quality Act (CEQA) requires that all state and local agencies establish monitoring or reporting programs for projects approved by a public agency whenever approval involves the adoption of an Environmental Impact Report (EIR).

The mitigation monitoring and reporting program (MMRP) contained herein is intended to satisfy the requirements of CEQA as it relates to the Amoruso Ranch Specific Plan (ARSP or Proposed Project). This MMRP is intended to be used by City Staff and mitigation monitoring personnel to ensure compliance with mitigation measures during project implementation.

The Final EIR for the Proposed Project presents a detailed set of mitigation measures applicable to implementation of the Proposed Project. In addition, the EIR includes program-level mitigation measures for Urban Reserve Area (the area consisting of non-participating property owners that is only the subject of a sphere of influence amendment, annexation, and Urban Reserve pre-zoning at this time). The mitigation measures were initially developed during preparation of the Draft EIR (February 2016) and, in some cases, were refined during preparation of the Final EIR.

The intent of the MMRP is to ensure the effective implementation and enforcement of all adopted mitigation measures. The MMRP will provide for monitoring of construction activities, as necessary, and in the field identification and resolution of environmental concerns.

MITIGATION MONITORING PROGRAM DESCRIPTION

COMPLIANCE

The City of Roseville will coordinate monitoring activities and document the implementation of mitigation measures. The table below identifies the mitigation measures, the monitoring actions, the implementing entities, the responsible parties for monitoring actions, and the timing of mitigation actions. The entity identified as having implementing responsibility has the primary duty to execute the mitigation measures. The “Applicant(s)” shall refer to any entity that seeks entitlements for development of a project in the project area. In some instances this may require contracting for specialized consultant services. In instances where the implementing responsibility is shared between the City and Construction Contractors, the City would be responsible for ensuring that the mitigation requirements are implemented. In instances where the Reviewing Party is identified as a department manager or director, the manager or director may delegate review to appropriate subordinate staff.

FIELD MONITORING OF MITIGATION MEASURES

Prior to the issuance of grading and building permits, while detailed development plans are being prepared for acceptance by City Staff, City Staff will be responsible for ensuring compliance with mitigation monitoring applicable to the project design phase.

During construction and following the Proposed Project, the City's Development Services Department will assign inspectors who will be responsible for monitoring the implementation of the mitigation measures. The inspectors will report to the City's Development Services Department and will be thoroughly familiar with the mitigation measures in the MMRP. In addition, the inspectors will be familiar with construction contract requirements, schedules, standard construction practices, and mitigation techniques. The City will be responsible for onsite, day-to-day monitoring of construction activities, reviewing construction plans and equipment staging/access plans to ensure conformance with adopted mitigation measures. The City will also have the authority to enforce mitigation measures by suspending particular construction activities.

Once construction has been completed, the City will monitor the Proposed Project as necessary.

If any mitigation measures are not being implemented, the City may pursue corrective action. Penalties that may be applied include, but are not limited to, the following: (1) a written notification and request for compliance; (2) withholding of permits; (3) administrative fines; (4) a stop-work order; (5) criminal prosecution and/or administrative fines; (6) forfeiture of security bonds or other guarantees; and (7) revocation of permits or other entitlements.

CHANGES TO MITIGATION MEASURES

Any substantive change in the monitoring plan made by City Staff shall be reported in writing to the Development Services-Planning Division. Modifications to the mitigation may be made by City Staff subject to one of the following findings, documented by evidence included in the record:

- a. The mitigation measure included in the Final EIR and MMRP is no longer required because the significant environmental impact identified in the Final EIR has been found not to exist or to occur at a level which makes the impact less than significant as a result of changes in the project, changes in conditions of the environment or other factors.

Or

- b. The modified or substitute mitigation measure to be included in the MMRP provides a level of environmental protection equal to or greater than that afforded by the mitigation included in the Final EIR and the MMRP; and the modified or substitute mitigation measures do not have significant adverse effects on the environment in addition to or greater than those which were considered by the responsible hearing bodies in their decisions on the Final EIR and the Proposed Project; and the modified or substitute mitigation measures are feasible, and the City through measures included in the MMRP or other City procedures can ensure their implementation.

Findings and related documentation supporting the findings involving modifications to mitigation measures shall be maintained in the project file with the MMRP and shall be made available to the public upon request.

MITIGATION MONITORING PROGRAM

The table presented on the following pages provides the MMRP for the Proposed Project. The MMRP identifies:

1. An explanation of each impact by issue area, summarized as an impact statement;
2. The full text of the mitigation measure(s) applicable to each impact statement;
3. The method and/or process by which the mitigation measure will be implemented;
4. The timing of implementation of each mitigation measure; and
5. The party responsible for ensuring implementation of each mitigation measure.

As individual projects consistent with the specific plan are proposed, City Staff will review the Proposed Project for consistency with the ARSP Final EIR. In doing so all ARSP Final EIR mitigation measures will be reviewed and those that apply to the project will be identified and monitoring and reporting will be conducted consistent with this plan.

Following completion of the monitoring and reporting process, the final monitoring results will then be entered into the City's Mitigation Monitoring and Reporting database maintained by the Environmental Coordinator.

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
Land Use and Agriculture				
MM 4.1-1: Agricultural Compensation A minimum of six hundred thirty-six (636) acres of open space shall be preserved within Placer County to mitigate for the loss of 636 acres of agricultural and grazing lands. This shall be accomplished through the recordation of conservation easements that result in the formation of preserve lands (each a "mitigation property or "preserve site" and collectively, "mitigation lands" or "preserve lands"). For purposes of mitigation, the term "open space" shall include any and all undeveloped land proposed to be preserved by conservation easement or otherwise required by any governmental agency to be preserved for any reason, specifically including all lands preserved for habitat or agricultural mitigation as set forth below and lands in agricultural use. No additional agricultural mitigation is required beyond the 1:1 open space requirement, as long as a substantial portion of the mitigation lands acquired, as determined by the Planning Director, are: (1) in agricultural production, (2) undeveloped and have an Natural Resource Conservation Service (NRCS) soils classification of the same or greater value than lands being affected within the specific plan property at issue, or (3) undeveloped and have the same or higher value California Department of Conservation (DOC) categorization as lands being affected within the specific plan property at issue. In-kind mitigation is not required for agricultural land developed within the ARSP project site.	The Applicant(s) shall be responsible for securing the offsite conservation easement prior to approval of tentative maps proportional to the development proposed.	Prior to approval of tentative map.	The Planning Manager, City Open Space Preserve Manager, and Development Services Director will ensure that the conservation easement is recorded.	
Transportation and Circulation				
MM 4.3-1: Roseville Intersections: Pay Fair Share of Improvements in the CIP The Applicant shall pay fair-share fees toward the following improvements detailed within the CIP: Baseline Road/Fiddymont Road: Addition of a second eastbound left-turn lane. Cirby Way/Riverside Avenue: Addition of a third eastbound through lane. Baseline Road/Foothills Road: Addition of a third northbound through lane. Baseline Road/Woodcreek Oaks Boulevard: Addition of a second eastbound through lane. Blue Oaks Boulevard/Foothills Boulevard: Addition of a third northbound left-turn lane and a third southbound through lane. Cirby Way/Vernon Street: Addition of a second southbound left-turn lane. Foothills Boulevard/Junction Boulevard: Addition of a second eastbound left-turn lane. Roseville Parkway/Galleria Boulevard: Addition of a fourth westbound through lane.	The Development Agreement between the Applicant(s) and the City require the City to update the CIP and the Applicant(s) to pay fair share fees.	In accordance with Development Agreement, the traffic mitigation fees shall be paid on a pro-rata basis prior to the issuance of any building permit.	City of Roseville Public Works Director shall ensure that the mitigation measures are implemented. The Public Works Director will oversee the CIP and ensure that improvements are implemented in a timely fashion.	
MM 4.3-2: Transit Services: Pay Fair Share toward Transit Improvements	The Applicant(s) would be required to pay fair	Prior to issuance of building permits.	City Public Works Director will ensure	

Mitigation Monitoring and Reporting Program

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
The Applicant shall pay its fair share towards the capital improvements for expanded transit services to the project site. This includes bus turn-outs, shelter pads, and shelters.	share fees for transit improvements as determined by the Public Works Director, in accordance with the City's Improvement Standards.		that the improvements are implemented and fair share costs are collected at the time of building permit.	
MM 4.3-3: Placer County Intersections: Pay Fair Share Costs to Placer County Intersection Improvements The Applicant shall pay the fair share cost of improvements to restore acceptable operations during peak hours at the following intersections: a) Watt Avenue/PFE Road: Installation of a traffic signal at this intersection. This improvement is included in the Placer County CIP (December 2014). b) Walerga Road/PFE Road: Widening of Walerga Road to four lanes through the intersection, to consist of two northbound and two southbound travel lanes. The Placer County Countywide CIP (December 2014) includes funding right-of-way (ROW) acquisition for the widening of Walerga Road to six lanes from Baseline Road to the Sacramento County line. However, funding for construction is not provided. c) Cook-Riolo Road/PFE Road Intersection: Development of capacity-enhancing improvements identified by Placer County. This improvement is not included in any existing fee program. d) Fiddymment Road/Sunset Boulevard West: Installation of a traffic signal at this intersection. This improvement is not included in any existing fee program. e) Fiddymment Road/Athens Avenue: Installation of a traffic signal at this intersection. This improvement is not included in any existing fee program. f) Fiddymment Road/Sunset Boulevard West: The addition of a second eastbound left-turn lane at the intersection. This improvement is not included in any existing fee program. g) Fiddymment Road/Athens Avenue: The addition of a second westbound left-turn lane to the intersection. This improvement is not included in any existing fee program. h) N Foothills Boulevard/Athens Avenue: Installation of a traffic signal at this intersection. This improvement is not included in any existing fee program. Consistent with Placer County's Mitigation Measure 4.7-2a for the Placer Vineyards Specific Plan and Mitigation Measure 6.12-1 for the Regional University Specific Plan, the City of Roseville, in working with Placer County to provide funding for improvements not	The City and Placer County shall work in good faith to implement a regional traffic fee that if and when established will fund the identified improvements. Applicant(s) within the ARSP will be required to contribute to the regional fee to fund a portion of the improvements per the Development Agreement. Placer County will be responsible for overseeing the improvements. The City of Roseville will monitor traffic volumes and coordinate with the County regarding traffic mitigation fees to fund regional improvements.	Payment of fees by the Applicant(s) at the time of building permits issuance.	Placer County Public Works Director and the City Engineer will work towards the implementation of a regional traffic fee program that if and when formed will collect fees and implement mitigating improvements. The City of Roseville will monitor traffic volumes and coordinate with Placer County regarding traffic mitigation fees to fund regional improvements.	

Mitigation Monitoring and Reporting Program

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
already subject to an existing interagency fee program, shall negotiate in good faith with Placer County to enter into additional fair and reasonable arrangements with the intention of achieving, within a reasonable time period after approval of the ARSP, commitment for the provision of adequate fair share mitigation from the ARSP for significant impacts on Placer County roadways. In reaching an accommodation with Placer County, the City and Placer County, in order to better ensure an effective sub-regional approach to mitigating transportation-related impacts, may choose to include within the same agreements or Joint Powers Authority (JPA; if a JPA is formed) additional public agencies with whom it must work to mitigate transportation-related impacts, such as Sacramento County, Sutter County, and Caltrans. As the City strives to achieve agreement(s) with one or more of these other agencies, the City shall insist that "fair share" fee obligations be reciprocal, in the sense that the other local agencies, in accepting fair share contributions from the ARSP developers, must agree to require new development occurring in their own jurisdictions to make fair share contributions towards mitigating the significant effects of such development on the City's transportation network. Any such arrangement(s), with just Placer County or with additional agencies, shall account for existing inter-agency fee programs in order to avoid requiring redundant mitigation or fee payments exceeding fair share mitigation levels. The City intends that its arrangement(s) with Placer County and any other agencies shall permit the participating agencies flexibility in providing cross-jurisdictional credits and reimbursements consistent with the general "fair share" mitigation standard, and require an updated model run incorporating the best available information in order to obtain the most accurate, up-to-date impact assessment feasible and to generate the most accurate, up-to-date estimates of regional fair share contributions. These arrangements, moreover, should also include provisions that allow for periodic updates to the traffic modeling on which fair share payment calculations depend in order to account for (i) newly approved projects cumulatively contributing to transportation-related impacts and that therefore should contribute to the funding of necessary improvements (e.g., the Curry Creek Community Plan in Placer County), (ii) additional physical improvements necessitated in whole or in part by newly approved projects, (iii) changing cost calculations for the construction of needed improvements based on changes in the costs of materials, labor, and other inputs. The City will monitor traffic volumes and coordinate with the County regarding traffic mitigation fees to fund regional improvements.				
MM 4.3-4: Sutter County Facilities: Pay Fair Share Costs to Sutter County Intersection Improvements The Applicant shall pay the fair share costs of improvements to restore acceptable operations during peak hours at the following intersections:	The City and Sutter County shall work in good faith to implement a regional traffic fee that if and	Payment of fees by the Applicant(s) at the time of building permits issuance.	Sutter County Public Works Director and the City Engineer will work towards the implementation of a	

Mitigation Monitoring and Reporting Program

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
a) Pleasant Grove Road N/Riego Road: Widening of Riego Road to four lanes through the intersection, to consist of two eastbound and two westbound travel lanes. This improvement is not included in any known fee program. b) Pleasant Grove Road S/Riego Road: Widening of Riego Road to four lanes through the intersection, to consist of two eastbound and two westbound travel lanes. This improvement is not included in any known fee program. The City of Roseville shall negotiate in good faith to enter into a fair agreement with Sutter County regarding the ARSP's fair share mitigation for these improvements. In reaching an accommodation with Sutter County, the City and Sutter County, in order to better ensure an effective sub-regional approach to mitigating transportation-related impacts, may choose to include within the same agreements or JPA additional public agencies with whom it must work to mitigate transportation-related impacts, such as Placer County, Sacramento County, and Caltrans. As the City strives to achieve agreement(s) with one or more of these other agencies, the City shall insist that "fair share" fee obligations be reciprocal, in the sense that the other local agencies, in accepting fair share contributions from the ARSP developers, must agree to require new development occurring in their own jurisdictions to make fair share contributions towards mitigating the significant effects of such development on the City's transportation network. Any such arrangement(s), with just Sutter County or with additional agencies, shall account for existing inter-agency fee programs in order to avoid requiring redundant mitigation or fee payments exceeding fair share mitigation levels. The City intends that its arrangement(s) with Sutter County and any other agencies shall permit the participating agencies flexibility in providing cross-jurisdictional credits and reimbursements consistent with the general "fair share" mitigation standard, and require an updated model run incorporating the best available information in order to obtain the most accurate, up-to-date impact assessment feasible and to generate the most accurate, up-to-date estimates of regional fair share contributions. These arrangements, moreover, should also include provisions that allow for periodic updates to the traffic modeling on which fair share payment calculations depend in order to account for (i) newly approved projects cumulatively contributing to transportation-related impacts and that therefore should contribute to the funding of necessary improvements (e.g., the Curry Creek Community Plan in Placer County), (ii) additional physical improvements necessitated in whole or in part by newly approved projects, (iii) changing cost calculations for the construction of needed improvements based on changes in the costs of materials, labor, and other inputs. Implementation of Mitigation Measure 4.3-4 would reduce impacts to a less-than-significant level; however, these improvements lie outside the jurisdiction of the City of Roseville.	when established will fund the identified improvements. Applicant(s) within the ARSP will be required to contribute to the regional fee to fund a portion of the improvements per the Development Agreement. Sutter County will be responsible for overseeing the improvements.		regional traffic fee program that if and when formed will collect fees and implement mitigating improvements.	
MM 4.3-5: Placer County Segments: Pay Fair Share Costs to Placer County Facilities The Applicant shall pay the fair share costs of improvements to restore acceptable operations on the following roadway segments:	The City and Placer County shall work in good faith to implement a regional	Payment of fees by the Applicant(s) at the time of building permits issuance.	Placer County Public Works Director and the City Engineer will work towards the	

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
a) Walerga Road between Baseline Road and PFE Road: Widening of this roadway to four lanes, consisting of two continuous northbound and southbound travel lanes. The Placer County Countywide Traffic Fee Program (December 2014) includes funding for ROW acquisition for the widening of Walerga Road to size lanes from Baseline to the Sacramento County line. However, funding for construction is not provided. b) Sunset Boulevard West between Fiddymont Road and Westbrook Boulevard: Widening of this roadway to include four lanes. However, only two travel lanes are necessary (based on travel demand) upon construction of Placer Parkway. Therefore, Placer County may request that the fair share contribution cover roadway widening for dedicated turn lanes and/or shoulders, capacity widening, or a contribution toward the construction of Placer Parkway. It should be noted that consistent with Mitigation Measure 4.3-7, the Proposed Project is required to contribute to the construction of Placer Parkway through payment of the South Placer Regional Transportation Authority (SPRTA) fees. Improvements to Sunset Boulevard West are not included in any existing fee program. c) Fiddymont Road from Athens Avenue to Sunset Boulevard West: Widening of this roadway to six lanes. This improvement is not included in any existing fee program. The City shall determine the means of providing the ARSP's fair share to fund these improvements with Placer County through the inter-agency agreement or other arrangement required by Mitigation Measure 4.3-3. Widening of Walerga Road south of Baseline to six lanes is identified in the Dry Creek Community Plan.	traffic fee that if and when established will fund the identified improvements. Applicant(s) within the ARSP will be required to contribute to the regional fee to fund a portion of the improvements per the Development Agreement. Placer County will be responsible for overseeing the improvements.		implementation of a regional traffic fee program that if and when formed will collect fees and implement mitigating improvements.	
MM 4.3-6: Sacramento County Segments: Pay Fair Share Costs to Sacramento County Facilities The Applicant shall pay their fair share cost of improvements to restore operations on the following roadway segment: ▪ Walerga Road between PFE Road and Singing Tree Way: Widening of this roadway to four lanes, consisting of two northbound and southbound travel lanes. The Sacramento County General Plan Circulation Element (amended 2011) shows this segment of Walerga Road as a planned four-lane road. However, the Final Report for the Sacramento County Development Transportation Impact Fee Program (2010) does not include this widening in the fee program. Consistent with Placer County's Mitigation Measure 4.7-2a for the Placer Vineyards Specific Plan and Mitigation Measure 6.12-1 for the Regional University Specific Plan, which require Placer County to attempt to enter into an agreement with Sacramento County in order to mitigate the significant effects of the those two Placer County projects	The City and Sacramento County shall work in good faith to implement a regional traffic fee that if and when established will fund the identified improvements. Applicant(s) within the ARSP shall be required to contribute to the regional fee to fund a portion of the improvements per the Development Agreement.	Payment of fees by the Applicant(s) at the time of each building permit	Sacramento County Public Works Director and the City Engineer will work towards the implementation of a regional traffic fee program that if and when formed will collect fees and implement mitigating improvements.	

Mitigation Monitoring and Reporting Program

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
within Sacramento County, the City of Roseville shall negotiate in good faith to enter into a fair agreement with Sacramento County regarding the ARSP's fair share mitigation for this improvement. In reaching an accommodation with Sacramento County, the City and Sacramento County, in order to better ensure an effective subregional approach to mitigating transportation-related impacts, may choose to include within the same agreements or JPA additional public agencies with whom it must work to mitigate transportation-related impacts, such as Placer County, Sutter County, and Caltrans. As the City strives to achieve agreement(s) with one or more of these other agencies, the City shall insist that "fair share" fee obligations be reciprocal, in the sense that the other local agencies, in accepting fair share contributions from the ARSP developers, must agree to require new development occurring in their own jurisdictions to make fair share contributions towards mitigating the significant effects of such development on the City's transportation network. Any such arrangement(s), with just Sacramento County or with additional agencies, shall account for existing inter-agency fee programs in order to avoid requiring redundant mitigation or fee payments exceeding fair share mitigation levels. The City intends that its arrangement(s) with Sacramento County and any other agencies shall permit the participating agencies flexibility in providing cross-jurisdictional credits and reimbursements consistent with the general "fair share" mitigation standard, and require an updated model run incorporating the best available information in order to obtain the most accurate, up-to-date impact assessment feasible and to generate the most accurate, up-to-date estimates of regional fair share contributions. These arrangements, moreover, should also include provisions that allow for periodic updates to the traffic modeling on which fair share payment calculations depend in order to account for (i) newly approved projects cumulatively contributing to transportation-related impacts and that therefore should contribute to the funding of necessary improvements, (ii) additional physical improvements necessitated in whole or in part by newly approved projects, (iii) changing cost calculations for the construction of needed improvements based on changes in the costs of materials, labor, and other inputs. Implementation of Mitigation Measure 4.3-6 would reduce impacts to a less-than-significant level; however, these improvements lie outside the jurisdiction of the City of Roseville.	Sacramento County will be responsible for overseeing the improvements.			
MM 4.3-7: State Facilities: Payment of Fees for State Roadway Segments No specific improvements have been identified to mitigate project impacts on I-80 or SR 65; however, the City is willing to work with Caltrans & the Placer County Transportation Planning Agency (PCTPA) to establish a regional approach to institute a fee program for the purpose of funding improvements on these facilities. If and when Caltrans and the City enter into an enforceable agreement, the Proposed Project shall pay impact fees to the City of Roseville in amounts that constitute the Proposed Project's fair share contributions to the construction of transportation facilities and/or improvements, consistent with the Mitigation Fee Act (Gov. Code, § 66000 et seq.). The City shall determine the means of providing the project's fair share of the funds for	The City, Caltrans, and PCTPA shall work in good faith to implement a regional traffic fee that if and when established will fund the identified improvements. Applicant(s) within the ARSP will be required to contribute to the regional fee to fund a	Payment of fees by the Applicant(s) prior to issuance of building permits.	Caltrans Director and the City Engineer will work towards the implementation of a regional traffic fee program that if and when formed will collect fees and implement mitigating improvements.	

Mitigation Monitoring and Reporting Program

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
these improvements to Caltrans through the inter-agency agreement or other arrangement. The Applicant shall pay the Highway 65 JPA fee and the SPRTA fee. The Highway 65 JPA Fee assesses fees on new development for the cost of interchange improvements along SR 65. The SPRTA Fee provides funding for regional projects such as the SR 65 Widening Project and Placer Parkway.	portion of the improvements per the Development Agreement. Caltrans will be responsible for overseeing the improvements.			
MM 4.3-8: City of Roseville Facilities: Update the City of Roseville Capital Improvement Plan The City of Roseville shall modify its CIP to include the following improvements: Blue Oaks Boulevard/Westbrook Boulevard: Provide two left-turn lanes, three through lanes, and one right turn lane on all approaches and operate the westbound right-turn movement with an overlap phase. Westbrook Boulevard/Vista Grande Boulevard: Redesign the westbound approach (currently proposed to consist of one left-turn, two through lanes, and one right-turn lane) to be striped to consist of two left-turn lanes, one through lane, and one right-turn lane. Once the CIP is modified, the Applicant shall pay fair-share fees toward the above improvements.	The Development Agreement between the Applicant(s) and the City require the City to update the CIP and the Applicant(s) to pay fair share fees.	In accordance with Development Agreement, the traffic mitigation fees shall be paid on a pro-rata basis prior to the issuance of any building permit.	City of Roseville Development Services Director shall confirm that the mitigation measures are integrated into the City's CIP. The Public Works Director will oversee the CIP and confirm that improvements are implemented in a timely fashion.	
Air Quality				
MM 4.4-1: Measures to Reduce Short-Term Construction-Related Emissions The following mitigation measures shall be implemented to reduce short-term construction-related air quality impacts. a. Prior to approval of Grading or Improvement Plans, (whichever occurs first), on project sites greater than five acres, the Applicant shall submit to Placer County Air Pollution Control District (PCAPCD) a Construction Emission / Dust Control Plan within 30 days prior to groundbreaking. If the PCAPCD does not respond within 20 days, the plan shall be considered approved. The Applicant shall provide written evidence, provided by the PCAPCD, to the City that the plan has been submitted to PCAPCD. It is the responsibility of the Applicant to deliver the approved plan to the local jurisdiction. The Applicant shall not break ground prior to receiving PCAPD approval of the Construction Emission / Dust Control Plan, and delivering that approval to the local jurisdiction issuing the permit, unless the PCAPCD does not respond within 20 days of submission of the plan, and the plan is deemed approved. b. The following shall be included in the Dust Control Plan:	Grading and Improvement Plans will be reviewed by the Placer County Air Pollution Control District for compliance with their rules and regulations. The Applicant(s) shall submit a PCAPCD approved Construction Emission/Dust Control Plan as part of the Grading Permit or Improvement Plan application to the City.	Prior to approval of Grading or Improvement Plans.	The City Engineer shall confirm that construction emission and dust control measures are implemented.	

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
▪ During construction, emissions of fugitive dust from any active operation, open storage pile, or disturbed surface area, shall be controlled so that dust does not remain visible in the atmosphere beyond the boundary line of the emission source. ▪ When wind speeds result in dust emissions crossing the property line, and despite the application of dust control measures, grading and earthmoving operations shall be suspended and inactive disturbed surface areas shall be stabilized. ▪ Fugitive dust generated by active operations, open storage piles, or from a disturbed surface area shall not result in such opacity as to obscure an observer's view to a degree equal to or greater than does smoke as dark or darker in shade as that designated as No. 2 on the Ringlemann Chart (or 40 percent opacity). ▪ All exposed soils be watered a minimum of once every two hours of active operation or sufficiently often to keep the area adequately wetted. ▪ Any visible track-out on a paved road where vehicles enter and exit the work area must be removed at the end of the workday or at least on time per day. Removal shall be accomplished by using wet sweeping or a High Efficiency Particulate Air (HEPA) filter equipped vacuum device. Dirt from vehicles exiting shall be removed through the use of a gravel pad, a tire shaker, a wheel wash system, or a pavement extending for not less than 50 feet from the intersection with the paved public road. c. Include the following standard note on the Grading or Improvement Plan: The prime contractor shall submit to the District a comprehensive inventory (i.e., make, model, year, emission rating) of all the heavy-duty off-road equipment (50 horsepower or greater) that will be used in aggregate of 40 or more hours for the construction project. If any new equipment is added after submission of the inventory, the prime contractor shall contact the PCAPCD prior to the new equipment being utilized. At least three business days prior to the use of subject heavy-duty off road equipment, the project representative shall provide the District with the anticipated construction timeline including start date, name and phone number of the property owner, project manager and on-site foreman. d. Prior to approval of Grading or Improvement Plans, whichever occurs first, the Applicant shall provide a written calculation to the PCAPCD for approval by the District demonstrating that the heavy-duty (50 horsepower or greater) off-road vehicles to be used in the construction project, including owned, leased and subcontractor vehicles, will achieve a project wide fleet-average 20 percent NO_x reduction and 45 percent particulate reduction as required by California Air Resources Board (CARB). Acceptable options for reducing emissions may include use of late model engines, low-emission diesel products, alternative fuels, engine	The Development Services Director shall review grading or improvement plans for inclusion of these measures prior to issuance of grading permits. The City Code Enforcement Officer shall respond to complaints.			

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
retrofit technology, after-treatment products, and/or other options as they become available. e. In order to control dust, operational watering trucks shall be on-site during construction hours. In addition, dry, mechanical sweeping is prohibited. Watering of a construction site shall be carried out in compliance with all pertinent PCAPCD rules (or as required by ordinance within each local jurisdiction). f. Include the following standard notes on the Improvement/Grading Plan: - During construction the contractor shall utilize existing power sources (e.g., power poles) or clean fuel (i.e. gasoline, biodiesel, natural gas) generators rather than temporary diesel power generators. - During construction the contractor shall minimize idling time to a maximum of 5 minutes for all diesel-powered equipment. g. Signs shall be posted in the designated queuing areas of the construction site to remind off-road equipment operators that idling time is limited to a maximum of 5 minutes.				
MM 4.4-2: Project Measures to Reduce Operational Emissions Following receipt of an application for a Tentative Map (excluding the Large Lot Subdivision Map), Design Review Permit, conditional use permits and/or any other discretionary permits, the City will forward an early consultation notice to the PCAPCD. Where the PCAPCD provides comments on a specific development proposal, the City shall consult with PCAPCD and the developer to incorporate measures recommended by the PCAPCD and agreed to by the City into the project. Where the PCAPCD does not provide comment on a specific development proposal, the City shall incorporate measures that reduce vehicle emissions and operation emissions from the proposed development. This measure will be implemented through project design, conditions of approval, noticing and disclosure statements, or through the City's plan check and inspection processes. This process is intended to ensure that best available and practical approaches are used to reduce operational emissions in specific tentative map and design review permit applications. The following is a listing of measures that shall be implemented for the purpose of reducing vehicle and operational emissions, unless the Applicant provides an analysis that demonstrates to the City's satisfaction that the measure is infeasible or other measure is comparably effective. If the Applicant demonstrates that any particular measure in the list below is infeasible for a Proposed Project to which it would otherwise be applicable, the Applicant must provide an analysis supported by substantial evidence demonstrating that a replacement measure is comparably effective.	The Applicant(s) shall provide this information as general notes on grading and/or improvement plans submitted with permit applications. The City shall consult with PCAPCD and shall require the incorporation of measures to reduce vehicle emissions prior to issuance of building permits. The City Code Enforcement Officer shall respond to complaints.	Prior to issuance of building permits.	The Development Services Director, the City Engineer and Code Enforcement Officer shall confirm that the operational emission measures are implemented.	

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
- Provide tree plantings that meet or exceed the requirements of the City's Community Design Guidelines to provide shading of buildings and parking lots. - Landscape with native drought-resistant plants (ground covers, shrubs and trees) with particular consideration of plantings that are not reliant on gas-powered landscape maintenance equipment. - Require all flat roofs on non-residential structures to have a white or silver cap sheet to reduce energy demand. - Provide conductive/inductive electric vehicle charging station and signage prohibiting parking for non-electric vehicles within designated spaces within non-residential developments. - Provide vanpool parking only spaces and preferential parking for carpools to accommodate carpools and vanpools in employment areas (e.g. community commercial, business-professional uses) - All truck loading and unloading docks shall be equipped with one 110/208 volt power outlet for every two-dock doors. Signs shall be posted stating "Diesel trucks are prohibited from idling more than five minutes and trucks requiring auxiliary power shall connect to the 110/208-vot outlets to run auxiliary equipment". - Design streets to maximize pedestrian access to transit stops. - Require site design to maximize access to transit lines, to accommodate bus travel, and to provide lighted shelters at transit access points. - Develop the plan consistent with the higher residential densities (within approved residential density ranges of zone) provided around the village nodes and transit corridors. - Participate in Roseville Electric incentive programs for energy-efficient development where feasible if available at the time of construction. - Ten percent of the residential units shall be designated as low to very-low income residential units. - A pedestrian access network shall link areas of the project site with other land uses. - Electric landscape maintenance equipment shall be utilized to the extent feasible on parks and public/quasi-public lands. - Design buildings to meet the 2013 Title 24 Energy Efficiency Standards (which is a 25% reduction below 2010 Title 24 Energy Efficiency Standards). - Ensure that all area lighting installed on the site shall be considered high efficiency lighting. All public street lighting shall meet the lighting standards of Roseville Electric at the time of construction. - Utilize reclaimed water for irrigation of all non-single family areas within the project site, including the school, parks, paseos, roadway landscaping and commercial landscaping.				

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
- Reduce the area of turf allowed consistent with the City's Water Efficient Landscape Ordinance and the Water Conservation Strategy (see Appendix G). - Install water efficient landscape irrigation systems at all public land uses. Measures for Residential Units: - Require electrical outlets be installed on the exterior walls of both the front and back of residences to promote the use of electric landscape maintenance equipment. - Require every garage of each single family home to be considered "Electric Vehicle Ready". This by definition is not limited to, but includes a conduit raceway to a spare electric box in the garage that is sized for a future minimum 50-amp 220v outlet. A 220v breaker space must be available in the electrical panel. - Require installation of a gas outlet in the rear of residential buildings for use of outdoor cooking appliances, such as gas burning barbeques. - Require installation of low NO_x hot water heaters (beyond District Rule 246 requirements) - Prior to approval of Tentative Maps: provide notice to homebuyers through CC&Rs or other mechanisms to inform them that only gas fireplaces are permitted. - The Applicant shall ensure that builders offer only energy efficient appliances for installation in residential units, including Energy Star refrigerators, clothes washers, dishwashers, and ceiling fans. - Prior to building permit approval, the Applicant shall show, on the plans submitted to the Building Department, provisions for construction of new residences, and where natural gas is available, the installation of a gas outlet for use with outdoor cooking appliances, such as a gas barbecue or outdoor recreational fire pits.				
MM 4.4-3: Off-Site Mitigation for Operational Emissions Prior to the issuance of building permits, in order to mitigate the contribution to long-term emissions of pollutants, subject to the PCAPCD's review and approval, the Applicant shall either: - Establish mitigation on-site by incorporating design features within the project. This may include, but not be limited to: "green" building features such solar panels, energy efficient heating and cooling, exceeding Title 24 standards, bike lanes, bus shelters, etc as described in Mitigation Measure 4.4-3. The specific amounts of "credits" received shall be established and coordinated through the PCACPD; - Establish mitigation off-site within the same region (i.e., east or west Placer County) by participating in an offsite mitigation program, coordinated through the District. Examples include, but are not limited to: participation in a "Biomass" program that provides emissions benefits; retrofitting, repowering, or replacing heavy duty engines from mobile sources (e.g., buses, construction equipment, on road haulers);	The Applicant(s) shall provide evidence of compliance with this measure in building permit applications submitted to the City. The Development Services Director shall review plans for inclusion of measures prior to issuance of building permits. The City Code Enforcement Officer shall respond to complaints.	Prior to issuance of building permits.	The Development Services Director, the City Engineer and Code Enforcement Officer shall confirm that the operational emission measures are implemented.	

Mitigation Monitoring and Reporting Program

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
or other programs that the project proponent may propose to reduce emissions; c. Participate in the District's Offsite Mitigation Program (Resolution Number 01-06) by paying fees equal to the project's contribution of pollutants (reactive organic gas [ROG] and NO_x) in excess of the threshold of 82 lbs per day. The estimated payment for the Proposed Project is \$885,870 based on a rate of \$18,260 per ton for a one year period. The actual amount to be paid shall be determined, and satisfied pursuant to current California Air Resource Board guidelines, at the time of recordation of the Final Map or issuance of Building Permits; or d. Any combination of a, b, or c, calculated to reduce or off-set the project's emissions above thresholds, and as determined feasible by the Director of the PCAPCD.				
MM 4.4-4: Screen Health Risks. a. The siting of proposed land use types, including fueling facilities and other stationary source/industrial land use types, within the project site shall meet the minimum screening buffer recommendations within the applicable CARB Air Quality and Land Use Handbook in effect at the time of building permit issuance. Within the current (April 2005) Handbook, this would require that sensitive land uses, including residential and school uses, be located greater than 50 feet from the fence line of typical gas dispensing facilities, and greater than 300 feet from large gasoline dispensing facilities, defined as a facility with a throughput of 3.6 million gallons per year or greater. b. For projects that include stationary sources of air pollutants or toxic air contaminants (TACs) e.g., gasoline dispensing facility, auto painting, dry cleaning, large heating, ventilation, and air conditioning [HVAC] units, etc.), a copy of the Authority to Construct permit from PCAPCD shall be provided to the City prior to the issuance of a Certificate of Occupancy.	The Applicant shall submit a Permit to Operate to PCAPCD during the design review process.	Prior to issuance of a certificate of occupancy.	The PCAPCD shall review proposals and notify the Planning Manager should a proposed use exceed the TAC threshold. The Planning Manager and Environmental Coordinator shall determine if additional environmental review is required prior to approval of the use and ensure that measures are implemented to reduce exposure to TACs.	
Climate Change and Greenhouse Gas Emissions				
MM 4.5-1: Measures to Reduce GHG Emissions Implementation of the Air Quality Mitigation Measures 4.4-1 and 4.4-2 would reduce operational and construction-related emissions of criteria air pollutants and precursors, and would also act to reduce GHG emissions associated with project construction and operation. The requirements of Mitigation Measure 4.4-2 are listed below and would achieve a 21 percent reduction in GHG emissions over business as usual (BAU): Refer to MM 4.4-1 and MM 4.4-2.	Refer to MM 4.4-1 and MM 4.4-2 .	Refer to MM 4.4-1 and MM 4.4-2 .	Refer to MM 4.4-1 and MM 4.4-2 .	
Noise				
MM 4.6-1: Construction Noise Reduction The following measures shall be implemented to reduce impacts of construction noise:	These measures shall be included on building	Prior to approval of building permits.	The Chief Building Inspector shall ensure	

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
- Ensure construction activities comply with the requirements of the City of Roseville Noise Ordinance with respect to hours of operation. - Locate fixed construction equipment such as compressors and generators as far as possible from sensitive receptors. Shroud or shield all impact tools, and muffle or shield all intake and exhaust ports on power construction equipment. - Designate a disturbance coordinator and conspicuously post this person's number around the project site and in adjacent public spaces. The disturbance coordinator shall receive all public complaints about construction noise disturbances and shall be responsible for determining the cause of the complaint, and implement any feasible measures to be taken to alleviate the problem. - Well Drilling Construction Noise: - The on-site ASR well shall be drilled prior to the occupancy of residential units within 500 feet of the well site. - Noise curtains shall be utilized during drilling of the well if, at the time of well construction, homes are occupied within 1,000 feet of the well.	plans. The Chief Building Inspector shall review plans for inclusion of these measures prior to issuance of building permits. The Disturbance Coordinator shall respond to complaints.		that appropriate noise control measures are reflected in the building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's Noise Ordinance regulations.	
MM 4.6-2: Commercial Noise Controls For all commercial uses within 500 feet of residential uses, the developer shall implement the following or equally effective measures: - Where commercial land uses adjoin residential property lines, the following measures shall be included in the design of the commercial use. If the primary noise sources are parking lot noise, HVAC equipment and light truck deliveries, then 6-7 foot tall masonry walls shall be constructed to provide adequate isolation of parking lot and delivery truck activities. HVAC equipment shall be located either at ground level, or when located on roof-tops the building facades shall include parapets for shielding. - Where commercial uses adjoin common residential property lines, and loading docks or truck circulation routes face the residential areas, the following mitigation measures shall be included in the project design: - Loading docks and truck delivery areas shall be a minimum distance of 211 feet from residential property lines; - Property line barriers shall be eight feet in height. Circulation routes for trucks shall be located a minimum of 80 feet from residential property lines; - Loading dock and truck deliveries shall be limited to daytime hours; - All heating, cooling and ventilation equipment shall be located within mechanical rooms where possible;	The Planning Department shall review development proposals to ensure that the uses are compatible and that these measures have been implemented.	At the time of occupancy.	The Planning Manager shall review all commercial plans and ensure that appropriate measures are implemented.	

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
- o All heating, cooling and ventilation equipment shall be shielded from view with solid barriers; - o Emergency generators shall comply with the local noise criteria at the nearest noise-sensitive receivers; and - o In cases where loading docks or truck delivery circulation routes are located less than 211 feet from residential property lines or if nighttime deliveries are required, an acoustical evaluation shall be submitted to the City to verify compliance with the City of Roseville Noise Level Performance Standards. Uses that do not comply with the City of Roseville Noise Level Performance Standards shall not be permitted. ▪ Prior to City approval of conditionally permitted uses which include more substantial exterior noise sources such as car washes, automotive repair, and outdoor recreation, a noise study shall be prepared by an acoustical engineer that identifies the necessary measures required to achieve compliance with the City of Roseville Noise Level Performance Standards at the nearest sensitive receptors. The City shall require that the measures identified in the noise study are implemented as a condition of approval of conditional use permits.				
MM 4.6-3: Traffic Noise Control The following measures would reduce impacts to off-site sensitive receptors from traffic noise levels: ▪ Sunset Boulevard West shall be repaved from Pleasant Grove Road to Westbrook Boulevard using Open Graded Asphalt Concrete (OGAC). ▪ Pleasant Grove Road shall be repaved north of Baseline Road using OGAC.	The City will seek to incorporate this measure into the regional traffic fee program developed with Placer County. If incorporated into the regional traffic fee, the Applicant(s) within the ARSP will be required to contribute to the regional fee on a pro-rata basis. The County will be responsible for overseeing the improvements.	Prior to approval of building permits.	The City Engineer will verify the feasibility of this measure with the Placer County Public Works Director. If feasible, the County Public Works Director will ensure that the regional traffic fee program is implemented, the fees collected, and the improvements implemented.	
MM 4.6-4: Traffic Noise Attenuation within the Project Site The following measure shall be implemented to reduce traffic noise impacts: ▪ A detailed analysis of interior noise levels shall be conducted when building plans are available for the residential uses adjacent to the proposed Placer Parkway	Applicant(s) shall submit site-specific acoustical analyses to the Chief Building Inspector for review	Prior to approval of building permits.	The Chief Building Inspector shall ensure that appropriate noise control measures are reflected in the building plans. The Building	

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
alignment. The analysis shall identify noise control measures that are required to achieve compliance with the City of Roseville 45 decibels (dB) L_{dn} interior noise level standard, such as installation of windows and doors with a sound transmission class (STC) rating of 30 to 35, and these noise control measures shall be implemented to achieve compliance with the City's standard. Such analysis shall be conducted by a qualified acoustical consultant recognized by the City of Roseville. Mechanical ventilation shall be installed in all residential uses adjacent to Placer Parkway to allow residents to keep doors and windows closed, as desired for acoustical isolation.			Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's Noise Ordinance regulations.	
Vegetation and Wildlife				
MM 4.8-1(a): Ensure No Net Loss of Wetlands The City shall not issue a grading permit for the ARSP unless a Clean Water Act (CWA) Section 404 permit is first obtained from the U.S. Army Corps of Engineers (USACE), or an equivalent approval for waters of the State is obtained from the Regional Water Quality Control Board (RWQCB). The CWA Section 404 permit process (including Section 7 Consultation under Federal Endangered Species Act [FESA]) is the standard method for developing mitigation for projects that affect wetlands and vernal pool species such as special-status plants, vernal pool crustaceans, and Western spadefoot. Through this process, project Applicants shall be required to obtain the necessary permits and approvals to implement their Proposed Project while remaining in compliance with CWA and FESA. If a 404 permit is not obtained, the City shall not issue a grading permit for the Proposed Project. The obligation to obtain the 404 permit shall ensure no net loss to federally protected wetlands. After obtaining such a permit, however, the Applicant shall demonstrate to the City's Planning Director that they have also achieved no net loss of wetlands. Mitigation shall consist of a combination of the preservation of on-site vernal pool and other wetland habitat and the acquisition of off-site property with existing vernal pool and other wetland habitat for preservation. Mitigation shall include off-site creation and/or restoration of vernal pool and other wetland habitat, and/or participation in a mitigation credit program from a wetlands mitigation bank approved by the USACE and U.S. Fish and Wildlife Service (USFWS). These banks charge fees in exchange for credits that are based upon the mitigation obligation of the Applicant. If the Applicant chooses to buy mitigation credits, the Applicant shall pay fees that shall be used to restore, create, enhance, and/or preserve wetlands at an established mitigation bank. The credits shall be in direct proportion to the wetland impacts resulting from the Proposed Project. The project Applicants have identified appropriate off-site mitigation in the form of preservation, as shown in Figure 4.8-3. This off-site mitigation, coupled with on-site preservation and avoidance, shall be a component of the required compensation for the	The Applicants shall obtain appropriate permits from USACE and USFWS to ensure that there is no net loss of wetlands. The Applicant(s) shall coordinate with USFWS to modify as necessary any mitigation plans in an effort to attain mitigation success.	Prior to issuance of grading permit.	The City's Environmental Coordinator shall confirm that a Section 404 Permit has been issued and appropriate mitigation has been implemented for the proposed development areas. The Developer's biological monitor shall ensure that onsite wetlands are preserved and maintained consistent with the Section 404 Permit and applicable management plan.	

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
Proposed Project. All wetland restoration and creation shall be conducted in a manner consistent with applicable USACE and USFWS mitigation guidelines and policies.				
MM 4.8-1(b): Wetland Avoidance/Mitigation Plan For any wetlands to be restored or created outside of an approved mitigation bank, the Applicant shall submit a Wetland Mitigation Plan that describes the specific method(s) to be implemented to mitigate for all on-site or off-site project-related impacts. This detailed Wetland Mitigation Plan shall be prepared in accordance with applicable USACE and USFWS policies and regulations, and the City's Grading and Erosion Control Ordinance. A copy of the 404 permit, the biological opinion, and the Wetland Mitigation Plan shall be provided to the City at the time of specific entitlements (grading permit, tentative map, etc), and the Wetland Mitigation Plan shall ensure the following to the satisfaction of the City: a) Describe the location of the proposed wetland mitigation site(s), including a detailed map showing the acreage, distribution, and type of wetlands to be restored/created to ensure no net loss in wetland habitat acreage, values and functions. The compensation wetlands shall be designed, at a minimum, to meet or exceed the functions of the existing wetlands to be impacted. b) Include a monitoring plan to assess whether the compensation wetlands are functioning as intended. Specific performance standards for hydrologic, floral, and faunal parameters shall be proposed to determine success of the created wetlands. The monitoring plan shall specify the corrective measures/ modifications to be implemented in the event that monitoring indicates that the performance standards are not being met. c) Include a long-term maintenance plan for the wetland preservation/mitigation areas describing the measures implemented to assure that they are maintained as wetland habitat in perpetuity. d) Require that fencing be installed around all existing wetlands that are within 50 feet of any haul route, spoil zone, stockpile zone, creation zone, or other construction area. The fencing shall be of high visibility material. Fencing shall be placed no closer than 10 feet to the delineated, verified perimeter of wetlands. This fencing shall be maintained until all adjacent construction activities are completed. e) A qualified biological resources monitor, approved by the City, shall be on the site(s) at all times when working in the open space corridor or other sensitive areas to ensure compliance with identified mitigation for the duration of all the proposed activities. The biological resources monitor shall submit bi-annual compliance reports to City monitor for review for a period of five years after completion of construction or until all performance standards have been satisfied. f) The wetland mitigation site(s) shall be surveyed by a qualified biologist, no more than 30 days prior to the start of construction, for the presence of raptor and federal	The Applicants shall obtain necessary approvals from USACE and USFWS in accordance with Section 404 of the CWA to ensure that there is no net loss of wetlands and submit a Wetland Mitigation Plan to the City. The Applicant(s) shall coordinate with USACE and USFWS to modify as necessary any mitigation plans in an effort to attain mitigation success.	Prior to issuance of specific entitlements.	The City's Environmental Coordinator shall confirm that wetlands are preserved consistent with the agency approved wetland avoidance and mitigation plan.	

Mitigation Monitoring and Reporting Program

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
and state listed bird nesting sites, unless it is determined that construction will occur outside of the breeding season for all species likely to occur on site or observed present. If active nesting sites are observed, all state and federal guidelines pertaining to active nesting sites shall be strictly adhered to in consultation with a qualified biologist. g) Applicant shall grant full access to the wetland mitigation site(s) to the City for the monitoring of construction activities and mitigation compliance. Access shall be granted during all construction activities and the City monitor may issue stop work orders if mitigation non-compliance is identified. h) Applicant shall specify measures for reuse or disposal of excavated material that is suitable for use in the project site. The plan should minimize the elapsed time between excavation and reuse and provide adequate stockpile coverage and protection from wind and water erosion during the entire storage period. If excavated material is unsuitable for reuse at the project site, the plan shall include specific information regarding the eventual reuse or disposal site, transportation method(s), disposal reuse management, and schedule. i) The Wetland Avoidance Mitigation Plan shall include a spill prevention and response plan to the satisfaction of the City. j) All disturbed areas shall be re-vegetated by the following methods: hydro seeding, drill seeding, or spreading of upland seed bearing soil. The method of re-vegetation shall be approved by a qualified wetland specialist and the City. k) The Applicant shall apply non-toxic soil stabilizers according to manufacturer's specifications to all inactive construction areas. Non-toxic binders shall be applied to exposed areas after cut and fill operations and hydro seeded areas. The wetland mitigation site shall be watered as directed by the City of Roseville Public Works Department. The frequency shall be based on the type of operation, and soil and wind exposure. l) To reduce air emissions, idling time for all construction vehicles shall be limited to a maximum of 10 minutes. The City may curtail construction during high ambient pollutant concentrations, including but not limited to, ceasing construction during peak-hour vehicular traffic on adjacent or nearby roadways. All land clearing, grading, earth moving or excavation activities shall be suspended when winds exceed 15 mph. m) The Applicants shall ensure that all inactive storage/stock piles are adequately covered, and that all trucks hauling dirt, sand, soil, or other loose materials also are adequately covered or maintain at least two feet of freeboard (i.e., minimum vertical distance between the top of the load and top of the trailer) in accordance with the requirements of the California Vehicle Code (CVC) section 23114.				
MM 4.8-2: Vernal Pool Fairy Shrimp Measures The project Applicant shall mitigate the 14.461 acres of vernal pool fairy shrimp habitat	The Applicant(s) shall obtain appropriate	Prior to issuance of grading permit.	The City's Environmental	

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
that will be directly impacted at a 2:1 ratio for preservation (28.922 acres preserved) and 1:1 ratio for creation (14.461 acres created). The 9.972 acres of vernal pool fairy shrimp that may be indirectly impacted will be mitigated at a 1:1 ratio for preservation (9.972 acres). This equates to a total of 38.894 acres of preservation and 18.640 acres of creation. The locations of the preserved and created vernal pool fairy shrimp (<i>Branchinecta lynchi</i>) habitat shall be disclosed in the Wetland Avoidance/Mitigation Plan required in Mitigation Measure 4.8-1 (b).	approvals from the USACE and USFWS to ensure that vernal pool fairy shrimp habitat is preserved. The Applicant(s) shall coordinate with USFWS to modify as necessary any mitigation plans in an effort to attain mitigation success.		Coordinator shall confirm that onsite vernal pool fairy shrimp habitat is preserved and maintained consistent with the Section 404 Permit.	
MM 4.8-3: Special Status Plant Measures The following mitigation measures shall be implemented to reduce impacts to special status plant species: a) A qualified botanist or biologist shall collect source pool inoculum from the two vernal pools containing dwarf downingia and shall transfer the soil inoculum to the created and/or restored wetlands within the proposed off-site Mitigation Properties. A botanist or qualified biologist shall determine which created pools will provide the best suitable habitat. Created and/or restored wetlands will require monitoring according to Section 404 permit guidelines and therefore transferred inoculum would be covered under such efforts. b) Perform focused special-status plant surveys according to California Department of Fish and Wildlife (CDFW), California Native Plant Society (CNPS), and USFWS protocols (CDFW, 2000; CNPS, 2001; Cypher, 2002; USFWS, 1996b) for the three off-site Mitigation Properties. Surveys shall be timed according to the blooming period for target species and known reference populations will be visited prior to surveys to confirm the species is blooming where known to occur. c) The USFWS generally considers survey results valid for approximately three years. Therefore, follow-up surveys may be necessary within the project site to avoid take of any special status plant species. This shall be determined during consultation with USFWS. The presence or absence of special-status plant species shall be determined through rare plant surveys conducted according to CDFW, CNPS and USFWS protocols (CDFW, 2000; CNPS, 2001; Cypher, 2002; USFWS, 1996b). Surveys shall be timed according to the blooming period for target species and known reference populations will be visited prior to surveys to confirm the species is blooming where known to occur. d) If no special-status plants are found, no further measures pertaining to special-status plants are necessary.	The Applicant(s) shall obtain appropriate permits from the USACE and USFWS to ensure that there is no net loss of habitat for special-status plant species. The Applicant(s) shall prepare follow-up reports on the status and success of mitigation and shall submit these responses to USFWS. The Applicant(s) shall coordinate with USFWS to modify as necessary any mitigation plans in an effort to attain mitigation success. The results of pre-construction surveys and transfer of the soil inoculum to the off-site mitigation properties shall be submitted to	Prior to issuance of grading permit.	The City's Chief Building Inspector shall confirm that requirements of MM 4.8-3 have been fulfilled consistent with the Section 404 Permit.	

Mitigation Monitoring and Reporting Program

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
e) If special-status plant species are found within the project site, avoidance zones shall be established around plant populations to clearly demarcate areas for avoidance. Avoidance measures and buffer distances may vary between species and the specific avoidance zone distance will be determined in coordination with appropriate resource agencies (CDFW and USFWS). f) If special-status plant species are found within the project site and avoidance of the species is not possible, then additional measures such as seed collection and/or transplantation shall be developed in consultation with the appropriate agencies (CDFW and USFWS).	the Chief Building Inspector prior to the construction of each phase.			
MM 4.8-4: Relocate Western Spadefoot The following mitigation measures shall be implemented to reduce impacts to Western spadefoot (<i>Spea hammondi</i>): a) A qualified biologist shall perform preconstruction surveys for Western spadefoot within the construction area in the appropriate season (generally February) to detect adults, larvae, and/or egg masses, within 14 days prior to the start of construction. b) If no Western spadefoots are found, no further measures pertaining to this species are necessary. c) Pools that are found to support Western spadefoot shall be avoided if feasible. If avoidance is not feasible, then the CDFW shall be consulted for its recommendation with respect to relocation of adults, larvae, tadpoles, or egg masses. Although there is no set protocol for the relocation of Western spadefoot, the capture and relocation of reptile and amphibian species from habitat that will be impacted to similar areas of protected suitable habitat is a standard part of both USFWS and CDFW procedures and recommendations for mitigating impacts. When done in combination with habitat restoration and preservation, the procedure is known to be successful in reducing potential impacts to special-status amphibian and reptile populations.	The results of pre-construction surveys shall be submitted to the Chief Building Inspector prior to the construction of each phase.	Prior to issuance of grading permit.	The Planning Manager shall verify the results of the pre-construction survey.	
MM 4.8-5: Relocate Northwestern Pond Turtle The following mitigation measures shall be implemented to reduce impacts to northwestern pond turtle (<i>Actinemys armorata</i>): a) A qualified biologist shall perform preconstruction surveys for northwestern pond turtle within the construction area for each phase of the Proposed Project within 24 hours prior to the start of construction. b) If no northwestern pond turtles are found, no further measures pertaining to this species are necessary. c) If northwestern pond turtles are found within an area proposed for impact, a qualified biologist shall relocate the northwestern pond turtle to a suitable location away from	Results of preconstruction surveys shall be submitted to the Chief Building Inspector prior to construction of each phase. Should it be required, a qualified biologist shall relocate northwestern pond turtles prior to construction.	Prior to construction of each phase.	The City's Planning Manager shall ensure that onsite northwestern pond turtle are appropriately relocated.	

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
the proposed construction, in consultation with CDFW.				
MM 4.8-6: Avoid Nesting Sites for Protected Bird Species To ensure that raptor and other bird species protected under the Migratory Bird Treaty Act (MBTA) are not injured or disturbed by construction in the vicinity of nesting habitat, the project Applicant shall implement the following measures: a) Nesting Raptors: All raptors and their active nests are protected under the California Fish and Game Code and federal MBTA. To ensure that there are no impacts to protected active nests, the following mitigation measures shall be implemented: - o A qualified biologist shall conduct a pre-construction nesting bird survey of all suitable habitats within the limits of construction of the project site and all accessible areas within 300 feet of the limits of construction activity. The preconstruction surveys shall occur within 3 days of the initiation of construction activity during the nesting season (February 1 through August 31). If there is a break in construction activity of more than 2 weeks then subsequent surveys should be conducted; however no additional surveys are required for ongoing construction activities. - o If no active raptor nests are found, no further measures pertaining to raptors nests are necessary. - o If active nests are found, the active nests shall be monitored by a qualified biologist for the first 24 hours prior to any construction-related activity to establish a behavioral baseline. A no-disturbance buffer around the nest shall be established. The buffer distance shall be established by a qualified biologist in accordance with CDFW's recommendations for buffer distances relative to the species identified. The exclusionary buffer shall remain in place until the chicks have fledged or as otherwise determined by a qualified biologist. - o Once construction activities commence within the project site, all nests shall be monitored by a qualified biologist to detect any behavioral changes as a result of construction. If behavioral changes are observed that may result in adverse effects to the success of breeding, the work causing that change shall cease and consultation with CDFW shall be initiated to identify potential avoidance and minimization measures. Should construction activities cause observed stress to nesting birds, the exclusionary buffer shall be adjusted (e.g. increased) based on findings of a qualified biologist. - o Pre-construction nest surveys are not required for construction activity outside the nesting season.	Results of preconstruction surveys shall be submitted to the Chief Building Inspector prior to the issuance of a grading permit. Applicable construction restrictions shall be reflected within building plans. The Avoidance measures shall be implemented during construction, and consultation with the CDFW shall ensure mitigation is adequate.	Prior to approval of grading and building permits.	The Chief Building Inspector shall ensure that appropriate measures are reflected in the grading permit and/or building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's regulations. The City Preserve Manager shall oversee City owned open space areas and the Landowner shall oversee private open space areas for compliance with the Section 404 Permit and applicable Operations and Maintenance Plan(s).	

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
b) Burrowing Owl: Burrowing owls were detected within the project site during surveys. To minimize impacts to protected burrowing owls and their burrows, the following mitigation measures shall be implemented: - o If possible, initiate construction activities during the non-breeding season, September 1 through January 31. - o A qualified biologist shall conduct a take avoidance (pre-construction) burrowing owl survey of all suitable habitats within the limits of construction of the project site and all accessible areas within 150 meters (492 feet) of the limits of construction within 14 days of the initiation of construction activity, according to the Staff Report on Burrowing Owl Mitigation (CDFW, 2012). If no burrowing owls or sign are observed, construction may proceed. - o If burrowing owls or sign are found, avoidance setbacks shall be implemented in accordance with CDFW Burrowing Owl Mitigation (CDFW, 2012). - o If avoidance setbacks are infeasible, the qualified biologist shall coordinate with CDFW, and prepare and implement a Burrowing Owl Exclusion Plan that will include passive relocation according to protocol outlined in the Staff Report on Burrowing Owl Mitigation (CDFW, 2012). If passive relocation methods are employed, the project impact site shall be rendered inhospitable for further burrowing owl re-occupation in accordance with the Exclusion Plan. c) Swainson's Hawk: Swainson's hawks have been found nesting on the adjacent Creekview Specific Plan (CSP) Area to the south of the project site (City of Roseville, 2011a). To minimize impacts to protected Swainson's hawks and their nests, the following mitigation measures shall be implemented: - o If possible, initiate site construction activities during the non-breeding season, September 1 through February 28. - o A qualified biologist shall conduct a pre-construction nesting bird survey of all suitable habitats within the limits of construction of the project site and all accessible areas within 0.5 mile of the limits of construction within 14 days of the initiation of construction activity during the nesting season (March 1 through August 31). - o If no active Swainson's hawk nests are found, no further measures pertaining to Swainson's hawk nests are necessary. - o If active nests are found, the qualified biologist shall monitor the active nests for the first 24 hours prior to any construction-related activity to establish a behavioral baseline. A no-disturbance buffer around the nest shall be established. The buffer distance shall be established by a qualified biologist in accordance with CDFW's recommendations.				

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
- o Once construction activities commence on-site, all nests shall be monitored by a qualified biologist to detect any behavioral changes as a result of construction within the project site. If behavioral changes are observed that may result in adverse effects to the success of breeding, the work causing that change shall cease and consultation with CDFW shall be initiated to identify potential avoidance and minimization measures. - o Pre-construction Swainson's hawk nesting surveys are not required for construction activity outside the nesting season. d) California Black Rail: There is no potential California black rail habitat with the project site. However, surveys or habitat assessments for this species have not been performed within the off-site Al Johnson Wildlife Area improvements area. To ensure that there are no impacts to California black rail, the following mitigation measures shall be implemented: - o A qualified biologist shall conduct a habitat assessment of the off-site Al Johnson Wildlife Area improvements area to identify suitable California black rail habitat. The qualified biologist shall prepare a map identifying areas that support suitable habitat. - o If suitable habitat is within areas proposed for construction during the breeding season (February 1 through July 31), the qualified biologist shall conduct a pre-construction survey for the California black rail. Three surveys shall be conducted at least seven days apart during peak calling times (one half hour before dawn until three hours after, and three hours before sunset until one half hour after) using playback of taped breeding calls. The last survey shall occur within 14 days of the start of construction. - o If no California black rail is detected, no further measures pertaining to this species are necessary. - o If a California black rail is detected, impacts shall be avoided by establishing an appropriate buffer, as determined by the qualified biologist in consultation with CDFW. No project activity shall commence within the buffer area until a qualified biologist confirms that the rail has evacuated the area. The size of the buffer shall be determined by the biologist and confirmed by CDFW; buffer size may vary, depending on the nest location, nest stage, and construction activity. e) Western Yellow-billed Cuckoo: There is no Western yellow-billed cuckoo habitat with the project site. However, surveys or habitat assessments have not been performed within the off-site Al Johnson Wildlife Area improvements area. To ensure that there are no impacts to Western yellow-billed cuckoo, the following mitigation measures shall be implemented:				

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
- o A qualified biologist shall conduct a habitat assessment of the off-site Al Johnson Wildlife Area improvements area and the three off-site Mitigation Properties to identify suitable Western yellow-billed cuckoo habitat. The qualified biologist shall prepare a map identifying areas that support suitable habitat. - o If suitable habitat is proposed for construction during the breeding season (June 15 to August 31), prior to construction, the qualified biologist shall conduct a pre-construction survey for Western yellow-billed cuckoo. - o The survey shall include three visits at least 10 days apart. Each survey shall be conducted during peak activity times (6:30 a.m. to 12:00 noon) by using playback of taped "kowlp" calls. Five taped calls (each at least 30 seconds apart) shall be played every 100 meters of linear habitat. - o If a Western yellow-billed cuckoo is detected, impacts shall be avoided by establishing an appropriate buffer, as determined by the qualified biologist in consultation with CDFW. No project activity shall commence within the buffer area until a qualified biologist confirms that the cuckoo has evacuated the area. The size of the buffer shall be determined by the biologist and confirmed by CDFW; buffer size may vary, depending on the nest location, nest stage, and construction activity. - o If no Western yellow-billed cuckoos are detected, no further measures pertaining to Western yellow-billed cuckoos are necessary. f) Nuttall's Woodpecker, Loggerhead Shrike, Yellow-billed Magpie, Oak Titmouse, and Grasshopper Sparrow: The project site support potential nesting habitat for one special-status woodpecker and five special status passerine bird species: Nuttall's woodpecker (USFWS conservation concern), loggerhead shrike (USFWS conservation concern and CDFW species of special interest [SSC]), yellow-billed magpie (USFWS conservation concern), oak titmouse (USFWS conservation concern), and grasshopper sparrow (CDFW SSC). To ensure that there are no impacts to protected active nests of these species, the following mitigation measures shall be implemented: - o A qualified biologist shall conduct a pre-construction nesting bird survey of all suitable habitats within the limits of construction within the project site and all accessible areas within 50 feet of the limits of construction within 14 days of the initiation of construction activity during the nesting season (Nuttall's woodpecker, March-July; loggerhead shrike, March-May; yellow-billed magpie, late February-mid-July; oak titmouse, March-July; grasshopper sparrow, May-July).				

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
- o If no active special-status bird nests are found, no further measures pertaining to special-status birds are necessary. - o If active nests are found, the active nests will be monitored by a qualified biologist prior to any construction-related activity to establish a behavioral baseline. A no-disturbance buffer around the nest shall be established. The buffer distance shall be established by a qualified biologist in consultation with CDFW. - o Once construction activities commence on-site, all nests shall be monitored by a qualified biologist to detect any behavioral changes as a result of construction of the Proposed Project. If behavioral changes are observed that may result in adverse effects to the success of breeding, the work causing that change shall cease and consultation with CDFW shall be initiated to identify potential avoidance and minimization measures. - o Pre-construction bird nesting surveys are not required for construction activity outside the nesting season. g) Migratory Bird Treaty Act Birds: Many birds, including commonly occurring species, are protected under the California Fish and Game Code and the Federal MBTA. To ensure that there are no impacts to protected birds or their active nests, the following mitigation measures shall be implemented: - o A qualified biologist shall conduct a pre-construction nesting bird survey of all suitable habitats within the limits of construction within the project site and all accessible areas within 50 feet of the limits of construction within 3 days of the initiation of construction activity during the nesting season (February 1 to August 31). If there is a break in construction activity of more than 2 weeks then subsequent surveys should be conducted; however no additional surveys are required for ongoing construction activities. - o If no protected birds are found, no further measures pertaining to protected birds are necessary. - o If active nests are found, a qualified biologist shall monitor the active nests prior to any construction-related activity to establish a behavioral baseline. A no-disturbance buffer around the nest shall be established. The buffer distance shall be established by a qualified biologist in consultation with CDFW. The exclusionary buffer shall remain in place until the chicks have fledged or as otherwise determined by a qualified biologist. - o Once construction activities commence on-site, all nests will be monitored by a qualified biologist to detect any behavioral changes as a result of construction of the Proposed Project. If behavioral changes are observed that may result in adverse effects to the success of breeding, the work causing that change shall				

Mitigation Monitoring and Reporting Program

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
cease and consultation with CDFW shall be initiated to identify potential avoidance and minimization measures. Should construction activities cause observed stress to nesting birds, the exclusionary buffer shall be adjusted (e.g. increased) based on findings of a qualified biologist. Pre-construction bird nesting surveys are not required for construction activity outside the nesting season.				
MM 4.8-7: Off-Site and On-Site Preservation of Grassland Habitat CDFW recommends that projects that result in the loss of potential foraging habitat for Swainson's hawk (which includes grasslands) within 10-miles of an active nest site provide mitigation for that loss. To the extent feasible, strategies for preserving on-site grasslands as raptor and migratory bird foraging habitat shall be addressed in the Operations and Maintenance Plan prepared pursuant to the Section 404 Permit. Some of these strategies could include; but are not necessarily limited to, grazing for grassland management, monitoring for biological values, and adaptive management. Mitigation for Swainson's hawk foraging habitat would concurrently mitigate for loss of habitat for a number of other bird species in the region such as burrowing owl, red-tailed hawk, white-tailed kite, northern harrier, Ferruginous hawk, and loggerhead shrike among others. A Swainson's Hawk Grassland Habitat Mitigation Plan shall be developed to mitigate for the loss of foraging habitat. Therefore, the project Applicant shall preserve no less than 595.7 acres of grassland and agricultural foraging habitat for Swainson's hawk. Approximately 91.4 acres of Swainson's hawk foraging habitat shall be maintained and preserved onsite. The remainder of the mitigation shall be accomplished via the preservation of 499.9 acres of grassland communities within the three off-site Mitigation Properties, which will offset the loss of foraging habitat pursuant to the CDFW-established formula for Swainson's hawk foraging habitat replacement.	Applicable construction restrictions shall be reflected within building plans. The Applicant(s) shall coordinate with CDFW to modify as necessary any mitigation plans in an effort to attain mitigation success.	Prior to approval of grading and building permits.	The Chief Building Inspector shall ensure that appropriate measures are reflected in the grading permit and/or building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's regulations. The City Preserve Manager shall oversee City owned open space areas and the Landowner shall oversee private open space areas for compliance with the Section 404 Permit and applicable Operations and Maintenance Plan(s).	
MM 4.8-8: Wildlife Movement Protection Policies To protect the long term habitat of the University Creek stream channel and associated riparian corridor as for use as wildlife movement and migration corridors, the project Applicants shall ensure that movement corridors are not obstructed. Through compliance with Section 1600 of the CDFW Code, the Applicant(s) shall enter into a Streambed Alteration Agreement prior to conducting any construction activities within the stream corridor, which sets forth mitigation measures that the Applicant must implement. These measures shall include, but not be limited to, the use of a bridge and/or culvert for the	The Applicant(s) shall enter into a Section 1600 Streambed Alteration Agreement with CDFW. The City's National Pollutant Discharge Elimination System	Prior to approval of grading permits.	The City of Roseville's NPDES Coordinator shall confirm that water quality measures are implemented and the City's Preserve Manager shall ensure that activities are	

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
road crossing that is large enough that wildlife have enough space to pass without having to travel over the road surface, the implementation of bank stabilization measures, and/or restoration and revegetation of stream corridor habitat that has been damaged due to the project's construction. The road crossing feature shall be constructed in a configuration as to provide wildlife with unimpeded passage. Furthermore, recreational use trails shall be lined by post and rail fence and signage shall be posted to direct trail users to stay within the designated trail corridor. The trails shall be closed to use one-half hour after sunset to one-half hour before sunrise and shall not be illuminated.	(NPDES) Coordinator shall ensure measures are included in the Proposed Project to reduce water quality impacts.		consistent with the Section 404 Permit and applicable Operation and Maintenance Plan(s).	
MM 4.8-9: Pre-Construction Surveys for Special Status Bats To ensure that there are no impacts to active bat roosts, the following mitigation measures are recommended: a) A qualified biologist shall conduct a dusk emergence survey (start one hour before sunset and last three hours), followed by a pre-dawn re-entry survey (start one hour before sunrise and last for two hours), in addition a daytime visual inspection of all potential bat roosting habitat within the limits of construction within the project site included as part of the pre-construction clearance survey. If no active bat roosts or sign are observed, construction may proceed. b) If no active special-species bat roosts are found, no further measures pertaining to special-species bats are necessary. c) If roosting special-species bats are found on-site during the surveys, avoid direct and indirect impacts to roosting sites by establishing a no-disturbance buffer of 100 feet around roost sites, in consultation with CDFW. d) Clearing and grubbing adjacent to the roost site and lighting use near the roost site where it would shine on the roost or interfere with bats entering or leaving the roost shall be prohibited. e) Operation of internal combustion equipment, such as generators, pumps, and vehicles within 100 feet of the roost site shall be prohibited.	Results of preconstruction surveys shall be submitted to the Chief Building Inspector prior to the issuance of a grading permit. Avoidance measures, if required, shall be included on grading plans and implemented during construction, and consultation with the CDFW shall ensure mitigation is adequate.	Prior to issuance of grading permit and if bats are found during grading operations	The Construction Inspector shall confirm that onsite special-status bats are appropriately protected consistent with applicable grading permit conditions.	
MM 4.8-10: Pre-Construction Surveys for American Badger The annual grasslands within the project site have a low potential to support habitat for American badger. To ensure that there are no impacts to American badgers and their burrows, the following mitigation measures are required: a) In conjunction with pre-construction burrowing owl surveys (Mitigation Measure 4.8-6), a qualified biologist shall conduct pre-construction surveys for American badgers, including burrows. If no American badgers or signs are observed, construction may proceed. b) If no American badgers/active burrows are found, no further measures pertaining to this species are necessary.	Results of preconstruction surveys shall be submitted to the Chief Building Inspector prior to the issuance of a grading permit. Avoidance measures, if required, shall be included on grading plans and implemented during	Prior to issuance of grading permit	The City's Construction Inspector shall confirm that onsite American badgers are appropriately protected consistent with applicable grading permit conditions.	

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
c) If American badgers are found on-site during the surveys, the qualified biologist shall avoid direct and indirect impacts to burrows by establishing a no-disturbance buffer of 100 feet around burrows, in consultation with CDFW.	construction, and consultation with the CDFW shall ensure mitigation is adequate.			
MM 4.8-11: Additional Surveys for Off-Site Improvement Areas Prior to construction of any off-site infrastructure, a qualified biologist shall perform detailed, and if necessary, focused biological surveys of any undisturbed areas that would be affected by infrastructure development. If it is determined that wetland resources or sensitive species would be impacted, Mitigation Measure 4.8-1 (a) and (b), Mitigation Measure 4.8-2, or Mitigation Measure 4.8-3 shall be implemented, as appropriate to the resource. If it is determined that impacts to western spadefoot or northwestern pond turtle may occur due to off-site constructions, Mitigation Measures 4.8-4 and 4.8-5 shall be implemented, respectively. If it is determined that active nests exist within the off-site improvement location, Mitigation Measure 4.8-6 shall be implemented as appropriate to the species. If it is determined the offsite improvement is located within or adjacent to a wildlife movement corridor, Mitigation Measure 4.8-8 shall be implemented. If any bat roosts are identified, Mitigation Measure 4.8-9 shall be implemented. If any badger burrows are located, Mitigation Measure 4.8-10 shall be implemented.	Refer to MM 4.8-1(a), MM 4.8-1(b), MM 4.8-2, MM 4.8-3, MM 4.8-4, MM 4.8-5, MM 4.8-6, MM 4.8-7, MM 4.8-8, MM 4.8-9, and MM 4.8-10.	Refer to MM 4.8-1(a), MM 4.8-1(b), MM 4.8-2, MM 4.8-3, MM 4.8-4, MM 4.8-5, MM 4.8-6, MM 4.8-7, MM 4.8-8, MM 4.8-9, and MM 4.8-10.	Refer to MM 4.8-1(a), MM 4.8-1(b), MM 4.8-2, MM 4.8-3, MM 4.8-4, MM 4.8-5, MM 4.8-6, MM 4.8-7, MM 4.8-8, MM 4.8-9, and MM 4.8-10.	
MM 4.8-12: Conduct Biological Surveys of the Urban Reserve Parcel Prior to construction activities within the Urban Reserve parcel, a qualified biologist shall perform detailed, and if necessary, focused biological surveys of any undisturbed areas that would be affected by development. If it is determined that wetland resources or sensitive species would be impacted, Mitigation Measure 4.8-1 (a) and (b), Mitigation Measure 4.8-2, or Mitigation Measure 4.8-3 shall be implemented, as appropriate to the resource. If it is determined that impacts to western spadefoot or northwestern pond turtle may occur, Mitigation Measures 4.8-4 and 4.8-5 shall be implemented, respectively. If it is determined that active nests exist, Mitigation Measure 4.8-6 shall be implemented as appropriate to the species. If development is proposed within or adjacent to a wildlife movement corridor, Mitigation Measure 4.8-8 shall be implemented. If any bat roosts are identified, Mitigation Measure 4.8-9 shall be implemented. If any badger burrows are located, Mitigation Measure 4.8-10 shall be implemented.	Refer to MM 4.8-1(a), MM 4.8-1(b), MM 4.8-2, MM 4.8-3, MM 4.8-4, MM 4.8-5, MM 4.8-6, MM 4.8-7, MM 4.8-8, MM 4.8-9, and MM 4.8-10.	Refer to MM 4.8-1(a), MM 4.8-1(b), MM 4.8-2, MM 4.8-3, MM 4.8-4, MM 4.8-5, MM 4.8-6, MM 4.8-7, MM 4.8-8, MM 4.8-9, and MM 4.8-10.	Refer to MM 4.8-1(a), MM 4.8-1(b), MM 4.8-2, MM 4.8-3, MM 4.8-4, MM 4.8-5, MM 4.8-6, MM 4.8-7, MM 4.8-8, MM 4.8-9, and MM 4.8-10.	
Cultural and Paleontological Resources				
MM 4.9-1: Conduct Archaeological Survey of Urban Reserve Parcel Development proposals for the Urban Reserve parcel shall identify known and/or potential archaeological sites, based on field surveys of the area proposed for development conducted by a qualified archaeologist. If significant resources or significant archaeological sites are present, the development proposal shall designate the area surrounding the site as open space and the site shall be completely avoided.	Cultural resource surveys shall be conducted by a qualified archaeologist and any resulting recommendations to protect resources shall be reflected in all	Prior to approval of Grading and Building Permits for the Urban Reserve Parcel.	The City Engineer will confirm that appropriate measures are reflected in the grading permit and/or building plans. The Building Official shall ensure that	

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
	construction and building plans. The City Engineer shall review plans for inclusion of specifications prior to the issuance of building permits.		construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's regulations.	
MM 4.9-2: Cease Work and Consult with Qualified Archaeologist (a) Should any cultural resources, such as wells, foundations, or debris, or unusual amounts of bone, stone or shell, artifacts, burned or baked soils, charcoal, or human remains be encountered during subsurface excavation or construction activities, work shall be suspended within 100 feet of the discovery. The City shall be immediately notified. At that time, a qualified professional archaeologist shall assess the resource and provide recommendations for treatment if the resource appears to be potentially eligible for listing on the National Register of Historic Places (NRHP) or California Register of Historical Resources (CRHR). Possible management recommendations could include, but not be limited to, avoidance, construction monitoring, recordation, site testing, or data recovery excavations. The contractor shall implement any measures deemed feasible and necessary by City Staff, in consultation with a qualified archaeologist, to avoid or minimize significant effects to the cultural resources prior to resumption of ground-disturbing activities. (b) If human remains are uncovered during project construction, pursuant to Public Resources Code (PRC) Section 5097.98 and Section 7050.5 of the California Health and Safety Code, the Placer County Coroner shall be notified immediately. California law recognizes the need to protect interred human remains, particularly Native American burials and items of cultural patrimony, from vandalism and inadvertent destruction. The procedures for the treatment of discovered human remains are contained in California Health and Safety Code §7050.5 and §7052 and California PRC §5097. If human remains are uncovered during ground-disturbing activities, all such activities within a 100-foot radius of the find shall be halted immediately and the City's designated representative shall be notified. The City shall immediately notify the Placer County coroner. The coroner is required to examine all discoveries of human remains within 48 hours of receiving notice of a discovery on private or state lands (Health and Safety Code Section 7050.5[b]). If the coroner determines that the remains are those of a Native American, he or she must contact the Native American Heritage Commission (NAHC) by phone within 24 hours of making that determination (Health and Safety Code Section 7050[c]). The City shall contact the Most Likely Descendent (MLD), as determined by the NAHC, regarding the remains. The MLD, in cooperation with the City and a qualified professional archaeologist shall develop a plan of action to avoid or minimize	This condition shall be reflected in all construction and building plans. The City Engineer shall review plans for inclusion of specifications prior to the issuance of building permits.	During construction, as a condition of Grading and Building Permits.	The City Engineer will confirm that appropriate measures are reflected in the grading permit and/or building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's regulations.	

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
significant effects to the human remains prior to resumption of ground-disturbing activities.				
MM 4.9-3: Monitor for Paleontological Resources, Cease Work and Consult with Qualified Paleontologist The paleontological report prepared for the Proposed Project included identification of fossiliferous Turlock Lake and Riverbank formations within portions of the project site, beginning approximately two feet below ground surface and continuing up to eight feet below ground surface. Because fossil localities cannot be predicted without actually disturbing a rock unit, a qualified professional paleontologist (as defined by the Society of Vertebrate Paleontology, 2010) shall be retained to provide awareness training for construction personnel involved in earth-moving activities. Construction personnel to be involved with earth-moving activities shall be informed that fossils could be discovered during excavation that these fossils are protected by laws, on the appearance of common fossils, and on proper notification procedures should fossils be discovered. In addition, a qualified professional paleontologist shall monitor earth-moving during the initial project grading that impacts sediment greater than two feet (0.6 meters) in depth in areas with mapped Turlock Lake or Riverbank formation geologic units to observe the stratigraphy and any fossils exposed by excavation. This shall not be required in areas where sediments will be buried but not otherwise be disturbed. If no evidence of fossils is seen in the initial grading, a program of periodic spot checks of the deepest excavations or those judged most likely to disturb fossils shall be instituted until excavations have been completed. Should any evidence of paleontological resources (e.g., fossils) be encountered, work shall be suspended within 100 feet of the discovery, and the City shall be notified immediately. At that time, the paleontologist shall assess the resource and provide appropriate management recommendations. Recommendations shall include, but are not limited to, salvage and treatment as described by the Society of Vertebrate Paleontology (2010). This treatment shall include preparation, identification, determination of significance, and curation into a public museum.	This condition shall be reflected in all construction and building plans and permits. The City Engineer shall review plans for inclusion of specifications prior to the issuance of building permits.	During construction, as a condition of Grading and Building Permits.	The City Engineer will confirm that appropriate measures are reflected in the grading permit and/or building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's regulations.	
MM 4.9-4: Conduct Appropriate Off-Site Studies Prior to undertaking construction of off-site infrastructure, the City shall determine whether or not cultural resource surveys have been undertaken for any areas to be disturbed during construction. If surveys were conducted, the City shall document that any identified resources were treated as recommended in the studies. If no studies or surveys were conducted, the City shall ensure that a qualified archaeologist conducts the appropriate level of study. If significant resources or significant archaeological sites are present, they shall be avoided, as feasible. If avoidance of such resources is not feasible, recordation of the sites shall be required, along with treatment as is recommended by the archaeologist after consultation with State Historic Preservation Office (SHPO) and, if the find is prehistoric, NAHC. If unknown resources are encountered during construction, recommendations, including the possible management recommendations listed in	Cultural resource surveys shall be conducted by a qualified archaeologist or paleontologist and any resulting recommendations to protect resources shall be reflected in all construction and building plans. The Public Works Director	Prior to approval of Grading and Building Permits of off-site infrastructure.	The City Engineer will confirm that appropriate measures are reflected in the grading permit and/or building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code	

Mitigation Monitoring and Reporting Program

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
Mitigation Measures 4.9-2 and 4.9-3 , shall be implemented to ensure that the resources are avoided, protected, and/or recorded.	shall review plans for inclusion of specifications prior to the issuance of building permits.		Enforcement Inspector shall enforce the City's regulations. The City Preserve Manager shall oversee City owned open space areas and the Landowner shall oversee private open space areas for compliance with the Section 404 Permit and applicable Operations and Maintenance Plan(s). The Parks and Recreation Director shall ensure that measures to protect and mitigate historic resources are implemented for any historic structures within parks property.	
Hazardous Materials and Public Safety				
MM 4.10-1: Identify and Remediate Soil Contamination and Existing Hazardous Materials within the ARSP As a condition of approval of the ARSP, the following recommendations from the Phase I Environmental Site Assessment (ESA) for the project site (ENGEO, 2006) shall be completed prior to issuance of grading permits: 1. Stained soil observed beneath one of the 5-gallon buckets used to store Tech 2000 Mineral Gear Oil shall be removed and properly disposed of at an appropriate disposal facility. 2. Stained soil measuring approximately 1 foot in diameter beneath one of the above-ground fuel storage tanks next to the steel silo in the northern portion of the property shall be removed and properly disposed of at an appropriate disposal facility. 3. The 21 55-gallon steel drums near the farm facility shall be removed and properly disposed of at an appropriate disposal facility.	The Applicant(s) shall be responsible for conducting soil testing and/or recommendation of the Phase I environmental site assessments.	Prior to approval of Building Permits.	The Roseville Fire Department shall oversee any activities related to hazardous materials.	

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
4. A statistically significant number of soil samples shall be collected from the surface soil within the boundaries of the proposed school site and analyzed for agricultural chemicals per U.S. Environmental Policy Act (EPA) guidelines. 5. Should the results indicate the presence of a statistically significant concentration of agricultural chemicals with the potential to cause harm to sensitive receptors (such as school children), a Phase II ESA shall be conducted to determine the extent of the contamination and provide recommendation to remediate the school site. In consultation with Department of Toxic Substances Control (DTSC), the proponent of the school development shall develop a workplan based on the recommendations of the Phase II ESA to remediate the project site. 6. Debris at various locations across the project site shall be removed and properly disposed of. 7. The burn wood pile measuring approximately 500 feet long by 6 feet tall by 6 feet wide along the southern portion of the project site shall be removed prior to construction at the project site. 8. If evidence of further soil contamination, septic tanks, or other underground storage tanks are encountered in the project site, work shall cease until the area can be tested by a qualified professional meeting EPA's definition of an Environmental Professional under the All Appropriate Inquiries Rule in accordance with Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The qualified professional shall provide recommendations for further remediation in compliance with federal, state, and local regulations. If necessary, contaminated materials shall be removed and properly disposed or remediated, and regulatory site closure obtained. Remediation activities could include removal of contaminated soil, and/or treatment. The City shall ensure that any necessary investigation and/or remediation activities are coordinated with the Roseville Fire Department (RFD), Placer County Department of Environmental Health (PCDEH), and if needed, other appropriate federal, state and local agencies. Once a site is remediated to the satisfaction of the appropriate regulatory agency, construction can continue.				
MM 4.10-2: Identify and Remediate Soil Contamination and Existing Hazardous Materials within the Urban Reserve Parcel Development proposals for the Urban Reserve parcel shall include a Phase I ESA and require that recommended testing and remediation identified in the Phase I ESA be performed. City conditions of approval shall require that, if evidence of soil contamination is encountered in the area of the Urban Reserve proposed to be developed, work shall cease until the area can be tested, and, if necessary, be remediated. As part of this process, the City shall ensure that any necessary investigation and/or remediation activities conducted in the Urban Reserve parcel are coordinated with the RFD, PCDEH, and if needed, other appropriate state and/or local agencies. Once a site is remediated, construction may continue.	The Applicant(s) shall be responsible for conducting soil testing and/or recommendation of the Phase I ESAs.	Prior to approval of building permits for the Urban Reserve Parcel.	The Roseville Fire Department shall oversee any activities related to hazardous materials.	

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
Public Utilities – Water				
MM 4.12.1-1: Secure Adequate Water Supply Prior to the approval of building permits, proponents of the Proposed Project will provide their proportionate share of required funding to the City for the acquisition and delivery of treated potable and recycled water supplies to the Proposed Project area. Additionally, prior to the approval of building permits, the City shall enter into agreement with Placer County Water Agency (PCWA) to acquire water supplies of sufficient quantity to serve the ARSP as described in the EIR and Water Supply Assessment (WSA). The identified source would need to be legally available and sufficient to meet the demand of the Proposed Project, consistent with the WFA and City policies and California Water Code Section 10910 et seq. and Government Code Section 66473.7 subject to a completed environmental review, approved by the agency with jurisdiction over the source, and funded.	The City shall enter into an agreement with PCWA for water supply. The Applicant(s) shall pay their proportionate share of funding costs to the City for the new water supply.	Prior to issuance of building permits.	The Environmental Utilities Director shall confirm execution of the required water supply agreement.	
Public Utilities – Wastewater				
MM 4.12.3-1: Treatment Plant Capacity Prior to issuance of building permits for development in the ARSP, the Applicant shall demonstrate to the City that the South Placer Wastewater Authority (SPWA) has approved expansion of the SPWA 2005 SAB to include the ARSP. All Applicants shall participate financially in the construction of additional wastewater treatment capacity sufficient to accommodate projected flows through payment of connection fees. Applicant shall also participate on a fair share basis in other financial mechanisms for any additional environmental review required to secure approvals necessary to increase wastewater discharges from the plant, including approval by the SPWA for expansion of the service area boundary. It is recognized that the ARSP Applicant shall rely on the City (on behalf of the SPWA partners) to construct regional treatment and regional transmission facilities needed to treat and discharge wastewater produced within the service area boundary. In the event the City is unable to obtain all required permits (e.g. NPDES permit and Waste Discharge Requirements [WDRs]) or is unable to complete the required facility expansion(s), development within the service area boundary may continue until existing capacity has been exhausted, at which time any remaining development shall be curtailed until such time as sufficient wastewater treatment and discharge capacity becomes available.	The Applicant(s) shall demonstrate that the PGWWTP will or has been expanded.	Prior to issuance of building permits.	The Environmental Utilities Director shall monitor the capacity of the PGWWTP and ensure that expansion occurs in advance of the need.	
MM 4.12.3-2: Treatment Plant Expansion The City shall implement all relevant construction related mitigation measures for expansion of the PGWWTP listed in Appendix V and all water quality and aquatic resource mitigation measures applicable to this project as listed in Table 4.12.3-4.	See applicable mitigation measures in Appendix V and Table 12.3-4 of the Final EIR.	Prior to issuance of building permits.	The Environmental Utilities Director shall monitor the capacity of the PGWWTP and ensure that expansion occurs in advance of the need.	

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
Public Utilities – Solid Waste				
MM 4.12.4-1: Divert Construction Debris Developers of the ARSP shall ensure a 50 percent diversion of the construction waste stream from Western Regional Sanitary Landfill (WRSL) disposal. In developer contracts with construction contractors and their sub-contractors, the developer shall require that the amount of construction waste be diverted from WRSL disposal be no less than 50 percent. The developer shall further require that contractors and sub-contractors submit records of diversion and disposal to the City's Environmental Utilities Department in order to verify compliance with this requirement.	Development contracts shall require 50 percent diversion of construction waste from the WRSL.	At the time of construction debris will be diverted to an appropriate recycling facility.	The Environmental Utilities Director shall ensure that the Applicant(s) are complying with the construction debris diversion requirements.	
Hydrology and Water Quality				
MM 4.13-1: Implementation of Construction Activity Stormwater Standards Prior to the issuance of a City grading permit and the commencement of construction activities, the Applicant shall demonstrate to the City compliance with the State Water Resources Control Board (SWRCB) NPDES General Permit for Discharges of Storm Water Runoff Associated with Construction Activity (General Permit), the City of Roseville's Construction Standards, and the City's Stormwater Best Management Practice (BMP) Guidance Manual. The SWRCB requires that all construction sites have adequate control measures to reduce the discharge of sediment and other pollutants to streams to ensure compliance with Section 303 of the CWA. To comply with the NPDES permit, the Applicant shall file a Notice of Intent with the SWRCB and prepare a Stormwater Pollution Prevention Plan (SWPPP) prior to construction, which includes a detailed, site-specific listing of the potential sources of stormwater pollution; pollution prevention measures (erosion and sediment control measures and measures to control non-stormwater discharges and hazardous spills) to include a description of the type and location of erosion and sediment control BMPs to be implemented at the project site, and a BMP monitoring and maintenance schedule to determine the amount of pollutants leaving the project site. A copy of the SWPPP must be current and remain on the project site. Control measures are required prior to and throughout the rainy season. Water quality BMPs identified in the SWPPP could include but are not limited to the following: - Temporary erosion control measures (such as silt fences, staked straw bales, and temporary revegetation) shall be employed for disturbed areas. No disturbed surfaces will be left without erosion control measures in place during the winter and spring months. - Sediment shall be retained onsite by a system of sediment basins, traps, or other appropriate measures. - A spill prevention and countermeasure plan shall be developed which would identify proper storage, collection, and disposal measures for potential pollutants (such as	This condition shall be reflected in all construction and building plans. The City Engineer shall review plans for inclusion of specifications prior to the issuance of building permits.	Prior to approval of grading or building permits.	The City Engineer will confirm that appropriate measures are reflected in the grading permit and/or building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector shall enforce the City's regulations.	

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
fuel, fertilizers, pesticides, etc.) used onsite. The plan would also require the proper storage, handling, use, and disposal of petroleum products. - Construction activities shall be scheduled to minimize land disturbance during peak runoff periods and to the immediate area required for construction. Soil conservation practices shall be completed during the fall or late winter to reduce erosion during spring runoff. Existing vegetation will be retained where possible. To the extent feasible, grading activities shall be limited to the immediate area required for construction. - Surface water runoff shall be controlled by directing flowing water away from critical areas and by reducing runoff velocity. Diversion structures such as terraces, dikes, and ditches shall collect and direct runoff water around vulnerable areas to prepared drainage outlets. Surface roughening, berms, check dams, hay bales, or similar devices shall be used to reduce runoff velocity and erosion. - Sediment shall be contained when conditions are too extreme for treatment by surface protection. Temporary sediment traps, filter fabric fences, inlet protectors, vegetative filters and buffers, or settling basins shall be used to detain runoff water long enough for sediment particles to settle out. Store, cover, and isolate construction materials, including topsoil and chemicals, to prevent runoff losses and contamination of groundwater. - Topsoil removed during construction shall be carefully stored and treated as an important resource. Berms shall be placed around topsoil stockpiles to prevent runoff during storm events. - Establish fuel and vehicle maintenance areas away from all drainage courses and design these areas to control runoff. - Disturbed areas shall be revegetated after completion of construction activities. - All necessary permits and approvals shall be obtained. - Provide sanitary facilities for construction workers.				
MM 4.13-2: Stormwater Management Development Standards At the tentative map or site development stage, development shall be conditioned to include source control and Low Impact Development (LID) strategies, treatment control measures, including but not limited to bio-retention treatment as required by the City's then current design standards and the City's then current General Phase II Municipal Separate Storm Sewer System (MS4) Permit issued by the State. The measures shall include, but are not limited to, the measures identified in the Amoruso Drainage Master Plan. In addition, necessary erosion and sediment control measures for University Creek at Discharge Point E and monitoring of University Creek downstream of the discharge point shall be incorporated into the project design plans and submitted to the City for review and approval prior to receiving building/grading permits.	This condition shall be reflected in all construction and building plans. The City Engineer shall review plans for inclusion of specifications prior to the issuance of building permits.	Prior to approval of grading or building permits.	The City Engineer will confirm that appropriate measures are reflected in the grading permit and/or building plans. The Building Official shall ensure that construction contractors comply with the measures. The Code Enforcement Inspector	

Mitigation Monitoring and Reporting Program

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
			shall enforce the City's regulations.	
MM 4.13-3: Fair Share Payment to Regional Stormwater Retention The Applicant shall annex into the fee district and pay the Pleasant Grove Drainage fee to the City prior to the approval of each building permit, which would cover the cost of retention for that development's portion of the Pleasant Grove Retention Basin Project at the Al Johnson Wildlife Area.	The City shall collect the Pleasant Grove Drainage fee from Applicant(s).	Prior Building Permits issuance.	The City Engineer shall monitor and confirm that the Pleasant Grove drainage fee is collected.	
MM 4.13-4: North Retention Basin Construction All relevant construction-related mitigation measures for construction of the north retention basin within the Al Johnson Wildlife Area listed in the adopted Mitigation, Monitoring, and Reporting Program shall be implemented. The City shall monitor the discharge at the western boundary on a yearly basis, to ensure that there are no impacts and that the existing facility within the Al Johnson Wildlife Area is functioning properly.	Refer to applicable mitigation measures in the adopted MMRP for the north retention basin. The City shall monitor discharge yearly.	Refer to applicable mitigation measures in the adopted MMRP for the north retention basin.	Public Works Director	
MM 4.13-5: Erosion Monitoring Plan At the onset of any grading activities within the ARSP that increase the existing drainage area tributary to the University Creek channel within Al Johnson Wildlife Area, a geomorphologic assessment of University Creek through the Al Johnson Wildlife Area property shall be conducted. The geomorphologic assessment shall include erosion protection measures, such as stream bank stabilization and velocity reduction measures, and the location for their implementation. The construction of the erosion protection measures shall be triggered by criteria established within the geomorphologic assessment.	A geomorphic assessment of University Creek shall be completed prior to grading. Mitigation measures shall be included based on the results of the assessment.	Prior to approval of grading permits.	The City Engineer shall confirm the geomorphologic assessment is conducted and appropriate erosion protection measures are properly implemented.	
Aesthetics				
MM 4.14-1: Sight Lighting to Minimize Nuisance Light producing uses, such as ball fields, within the project site shall be located and oriented to minimize visual impacts on adjacent residential areas. Lighting shall be shielded and designed to distribute light in the most effective and efficient manner, using the minimum amount of light to achieve the necessary illumination for the use. Light poles shall be designed using either 100 watt or LED light bulbs, and shall use the best technology that maximizes glare and spillage reduction.	The City shall implement policies to reduce the nuisance effects of nighttime/daytime and/or high-intensity illumination from the Proposed Project.	Prior to Building Permit issuance.	The Parks and Recreation Director shall review the proposed plans and ensure that nighttime lighting is directed away from residences and open space corridors.	
MM 4.14-2: Low Glare Materials for New Development In order to reduce the effects of daytime glare from development of commercial or office uses within the project site, building developers shall utilize, when feasible, low-glare materials.	The City shall implement policies to reduce the nuisance effects of	Prior to Building Permit issuance.	The Planning Manager shall review the proposed plans and ensure that nighttime	

Mitigation Monitoring and Reporting Program

Mitigation Measure	Implementation	Timing	Reviewing Party	Initial/Date Complete
	nighttime/daytime and/or high-intensity illumination from the Proposed Project.		lighting is directed away from residences and open space corridors.	
MM 4.14-3: Avoid Light Spill Over into University Creek and Open Space Areas Outdoor lighting shall be placed, designed, and directed so as to avoid light spillover into the habitat of University Creek, Open Space Preserve Areas, and the Al Johnson Wildlife Area. These parcels include those immediately adjacent to the open space and shown on the Land Use Map as parcels, AR-3, AR-4, AR-7, AR-8, AR-11, AR-20, AR-24, AR-37, AR-56, AR-57, AR-60, AR-63, and the Urban Reserve parcel AR-110.	The City shall implement policies to reduce the nuisance effects of nighttime/daytime and/or high-intensity illumination from the Proposed Project.	Prior to Building Permit issuance.	The Parks and Recreation Director and City Preserve Manager shall review the proposed plans and ensure that nighttime lighting is directed away from residences and open space corridors.	
Energy				
MM 4.15-1: Implement Measures to Reduce Energy Consumption Implementation of the Air Quality Mitigation Measures 4.4-1(d) and (f) and Mitigation Measure 4.4-2 reduce direct and indirect operational energy consumption. The requirements of Mitigation Measures 4.4-1(d) and (f) and Mitigation Measure 4.4-2 are listed below: Refer to MM 4.4-1 and MM 4.4-2 .	Refer to MM 4.4-1 and MM 4.4-2 .	Refer to MM 4.4-1 and MM 4.4-2 .	Refer to MM 4.4-1 and MM 4.4-2 .	



PLANNING COMMISSION COMMUNICATION

Title: 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 - 2401 Blue Oaks BI & 2600 Westbrook BI - File # PL19-0180

Contact: Shelby Vockel, svockel@roseville.ca.us, 916-746-1347

Meeting Date: 2/27/2020
Item #: 6.3.

ATTACHMENTS:

Description

Staff Report

Attachment 1 Addendum to WRSP EIR and SPA 3 SEIR

Attachment 2 Guidelines for Conversion of Non-Residential Land Uses

Exhibit A General Plan Amendment and Specific Plan Amendment Exhibit

Exhibit B Rezone Exhibit

Exhibit C West Roseville LLC Development Agreement

Exhibit D Large Lot Tentative Parcel Map

Exhibit E Small Lot Tentative Subdivision Map

Exhibit F Tentative Subdivision Map - Tree Removals, Conceptual Grading and Drainage

Exhibit G Tentative Subdivision Map - Conceptual Grading, Drainage, and Utilities

Exhibit H Tentative Subdivision Map - Blue Oaks BI. Striping Plan

Exhibit I WRSP Text and Figure Change Pages

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

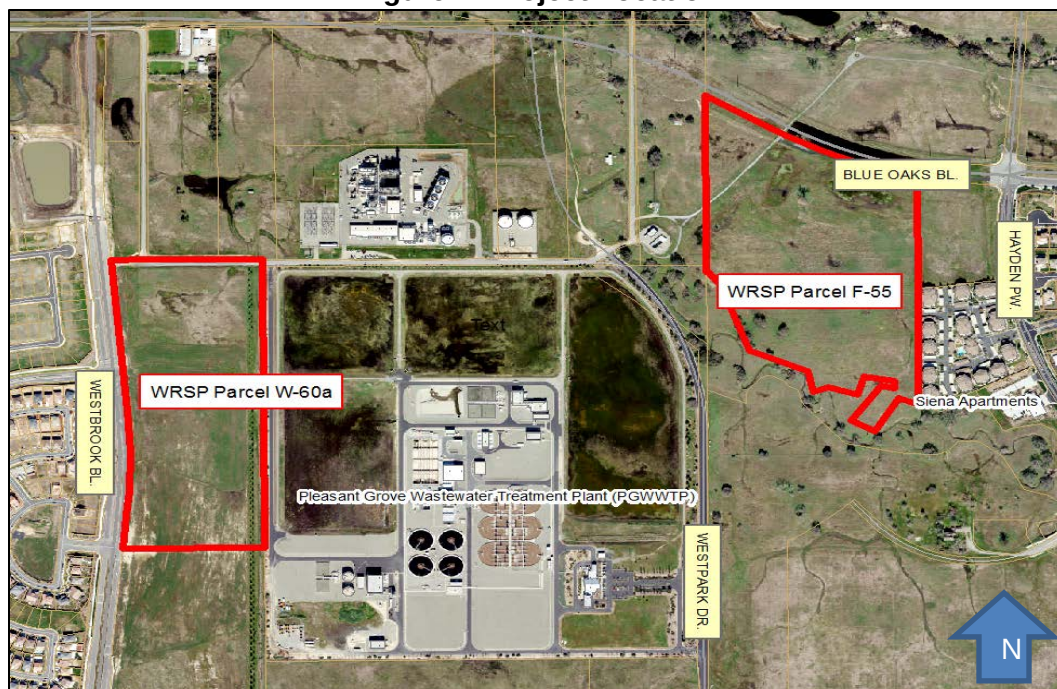
There are no outstanding issues associated with this request. The applicant has reviewed and is in agreement with the recommended conditions of approval.

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)

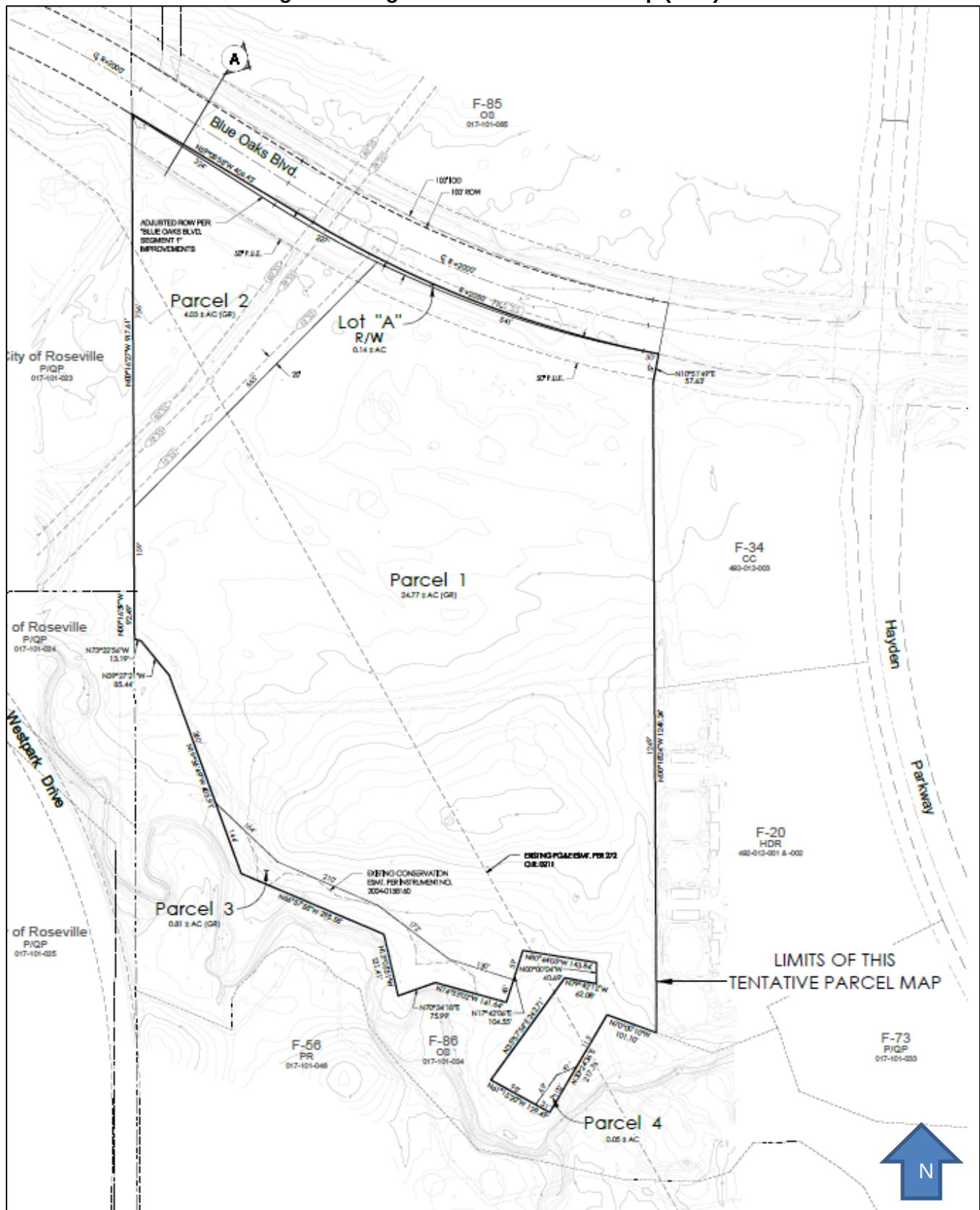
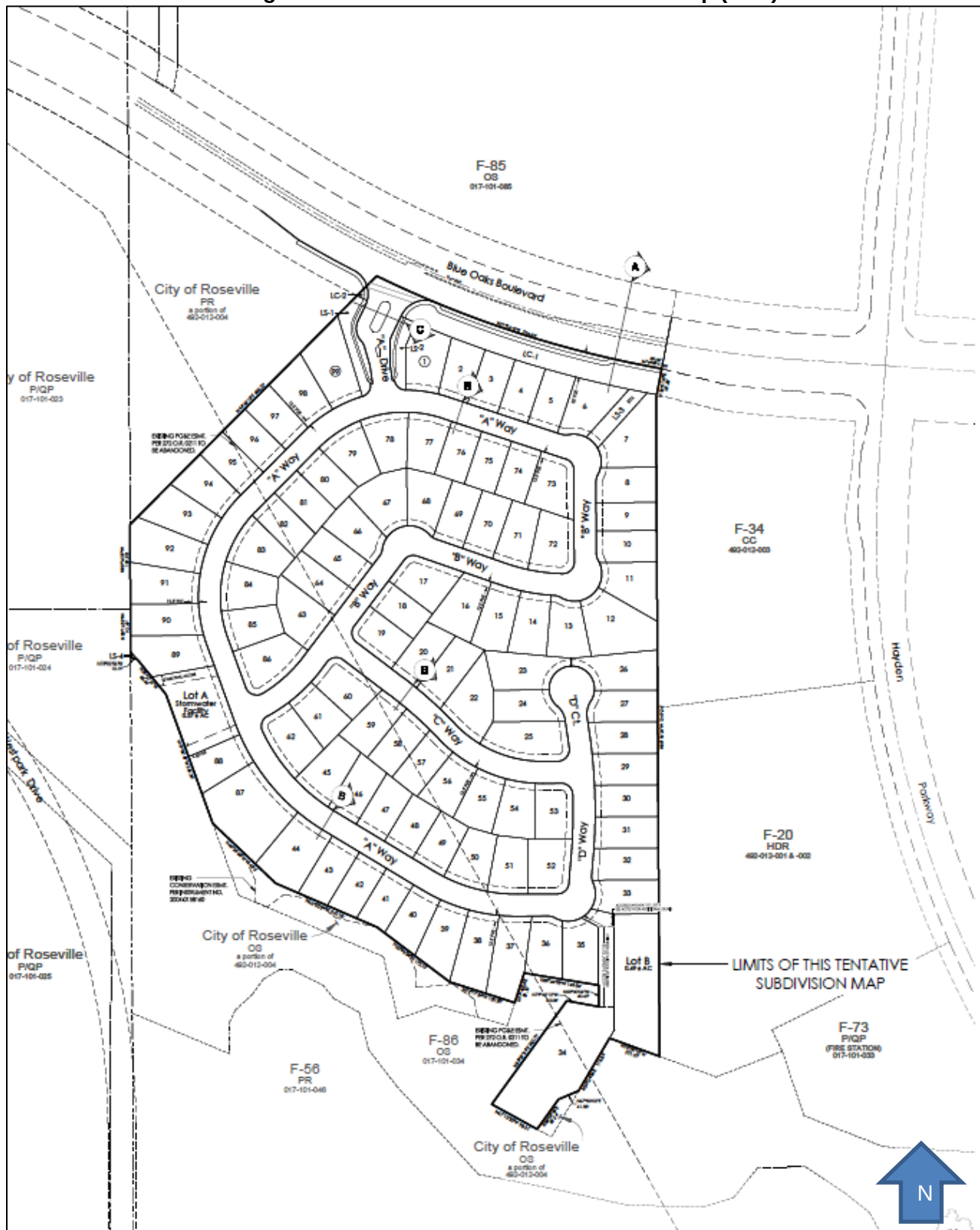


Figure 3: Small Lot Tentative Subdivision Map (F-55)



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.

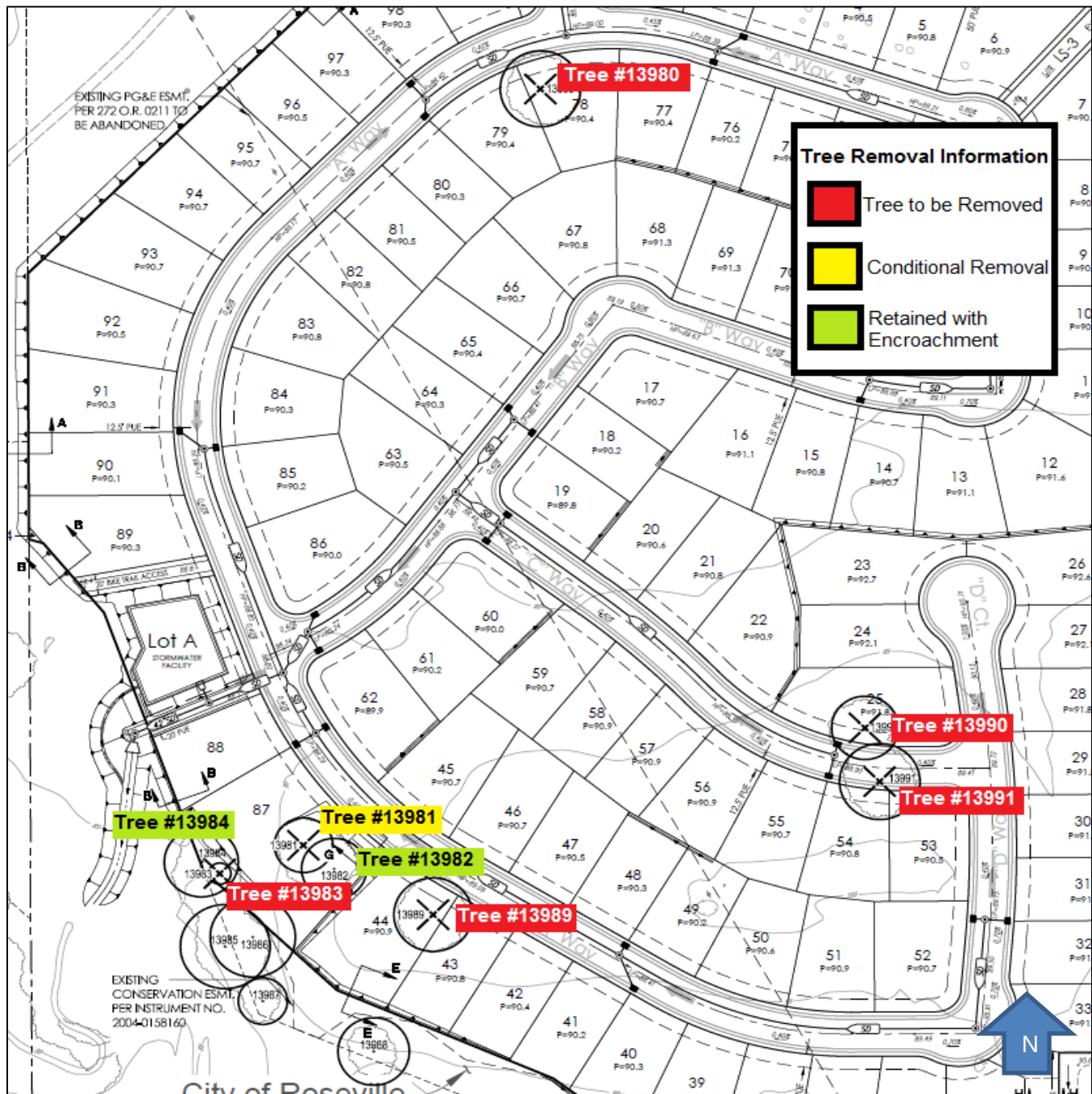
EVALUATION: TREE PERMIT

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 Fiddymont 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.



**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.

Table of Contents

Project Description	3
Purpose and Scope of Addendum	7
Initial Study Checklist	
I. Aesthetics	12
II. Agricultural & Forestry Resources	16
III. Air Quality	19
IV. Biological Resources	23
V. Cultural Resources	27
VI. Energy	25
VII. Geology and Soils	27
VIII. Greenhouse Gases	35
IX. Hazards and Hazardous Materials	37
X. Hydrology and Water Quality	41
XI. Land Use and Planning	47
XII. Mineral Resources	50
XIII. Noise	52
XIV. Population and Housing	57
XV. Public Services	60
XVI. Recreation	63
XVII. Transportation / Traffic	66
XVIII. Tribal Cultural Resources	72
XIX. Utilities and Service Systems	75
XX. Mandatory Findings of Significance	80
Environmental Determination	84
Attachments	84

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 Fiddymment 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 Fiddymment 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 Fiddymment 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</u> 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?	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
e) 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 Fiddymont 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 Fiddymont 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 & Soms 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				
<u>a b</u>) Require or result in the <u>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?</u>	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				
<u>b d</u>) Have sufficient water supplies available to serve the project and <u>reasonably foreseeable future development during normal, dry and multiple dry years from existing entitlements and resources, or are new or expanded entitlements needed?</u>	2004 WRSP EIR Ch. 4.11 P. 25 2014 SPA3 SEIR 9A-19	No	No	No	2004 WRSP EIR MM 4.11- 1
<u>c e</u>) 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 & Soms (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		
F-86B	OS (Open Space)	OS	0.81		
F-86C	OS (Open Space)	OS	0.05		
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		<u>122.96</u> 123.53		<u>122.96</u> 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		<u>753.16</u> 751.90		<u>80.03</u> 79.94
TOTAL		<u>956.19</u> 955.50		<u>283.06</u> 283.54

CITY-WIDE PARKS

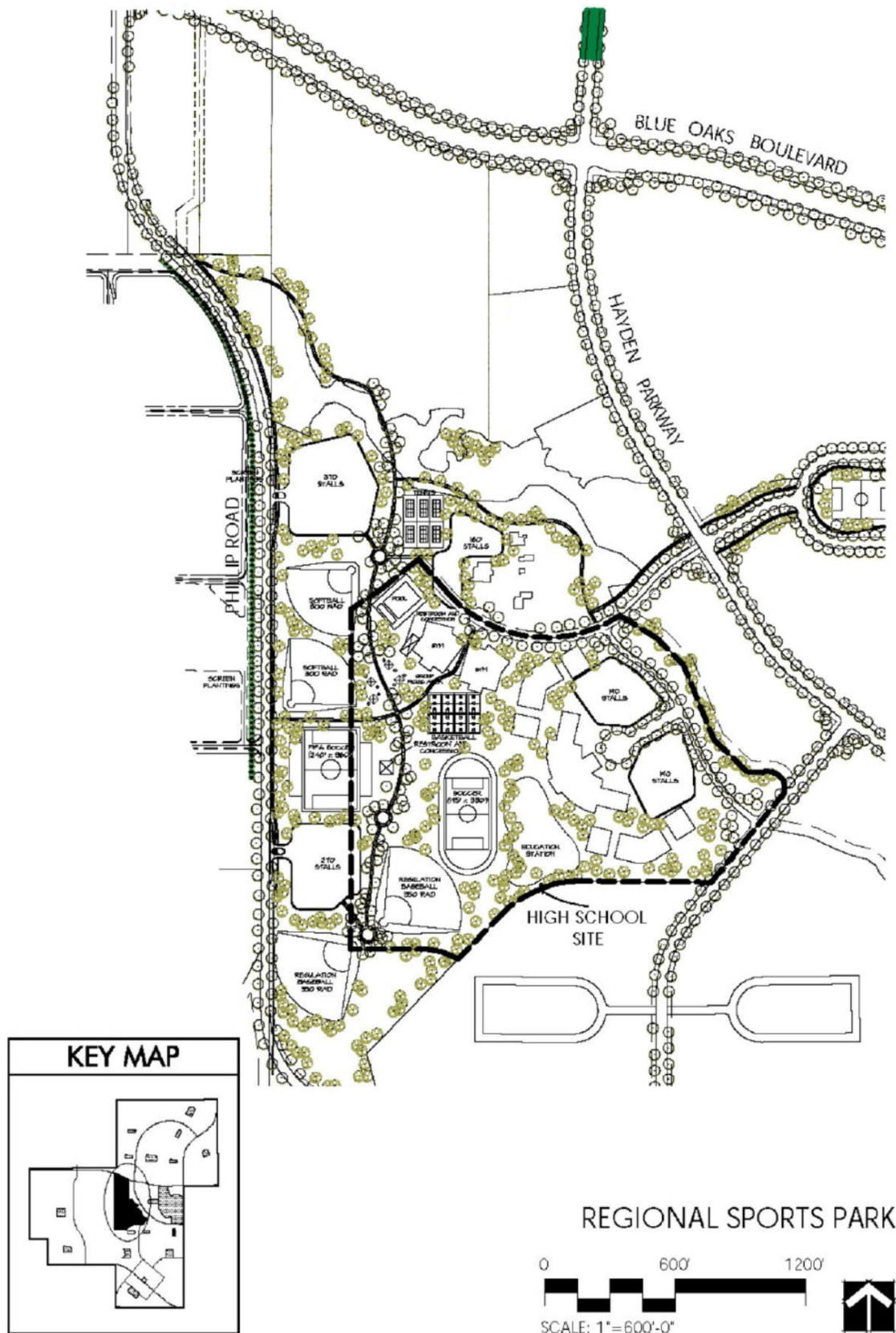
The WRSP includes ~~three~~ two city-wide parks, F-54, ~~and the F-55 & F-56, and W-60A~~. These parks, combined with the adjacent high school site, form the WRSP Activity Core as described in Community Form and Planning Principles, Section 3. Strong interconnectivity between these facilities is important 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.

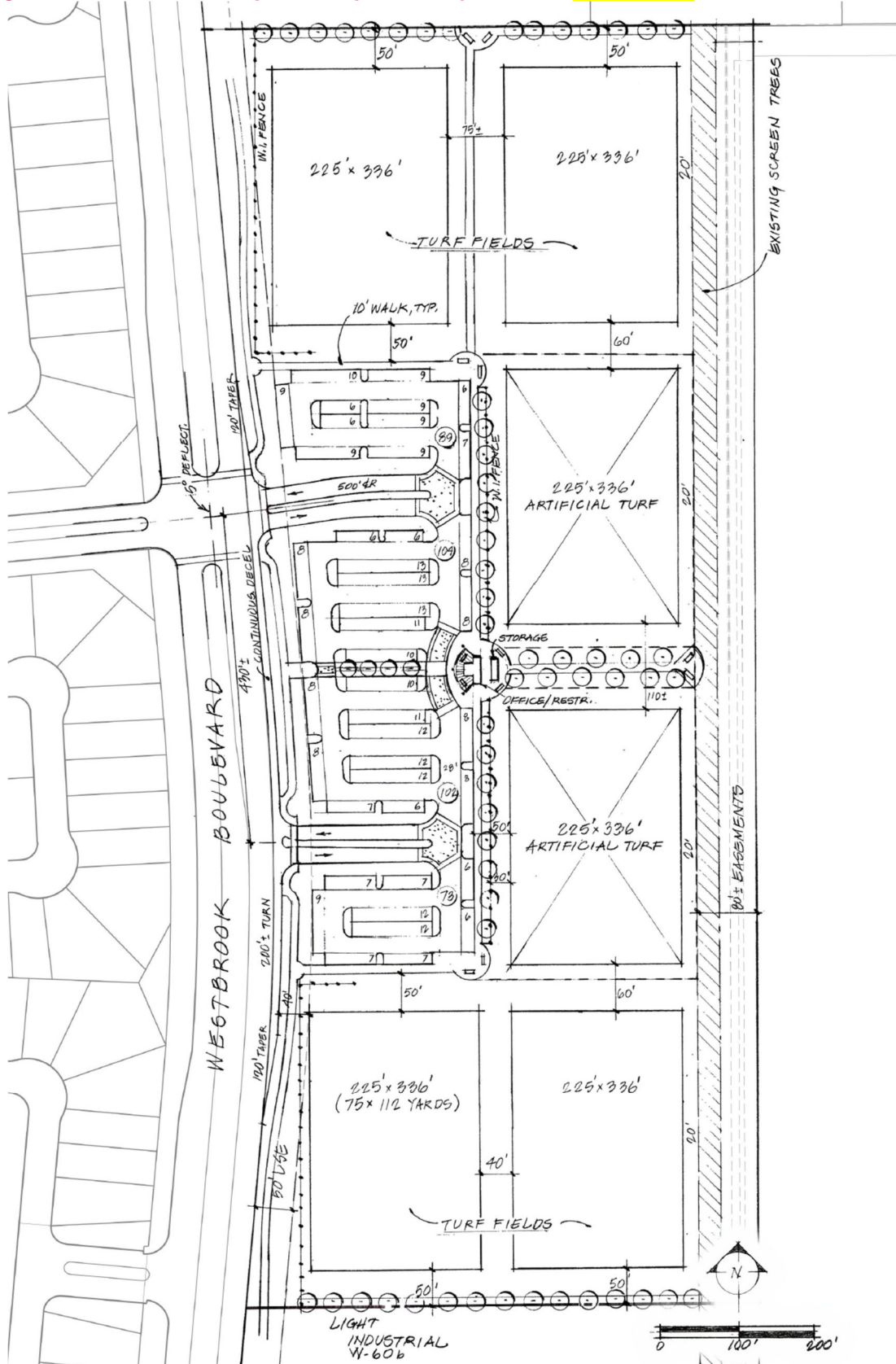
Figure 8-4: Regional Sports Park Conceptual Plan [REVISED FIGURE]



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

TABLE OF CONTENTS

COPYRIGHT STATEMENT	i
QUALIFICATION STATEMENT	ii
INTRODUCTION	1
LOCATION AND SITE	1
SCOPE OF INVENTORY EFFORT	1
METHODOLOGY	1
SUMMARY OF INVENTORY EFFORT	2
<i>Recommended Removals</i>	3
CONSTRUCTION IMPACT ASSESSMENT	4
GENERAL COMMENTS AND ARBORISTS' DISCLAIMER.....	5
ASSUMPTIONS AND LIMITING CONDITIONS	7
DEFINITIONS.....	9
TREE CONDITION RATING CRITERIA.....	10
GENERAL PROTECTION GUIDELINES FOR TREES PLANNED FOR PRESERVATION.....	11

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.	<i>Perform aerial inspection, decay detection, and provide further recommendations.</i>
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.	<i>Perform aerial inspection, decay detection, and provide further recommendations.</i>
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.	<i>Clean out crown and prune to reduce weight on the west side.</i>
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.	<i>Clean out crown and prune to reduce weight on the east side.</i>
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.	<i>Clean out crown and prune to reduce weight throughout.</i>

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

13985
X

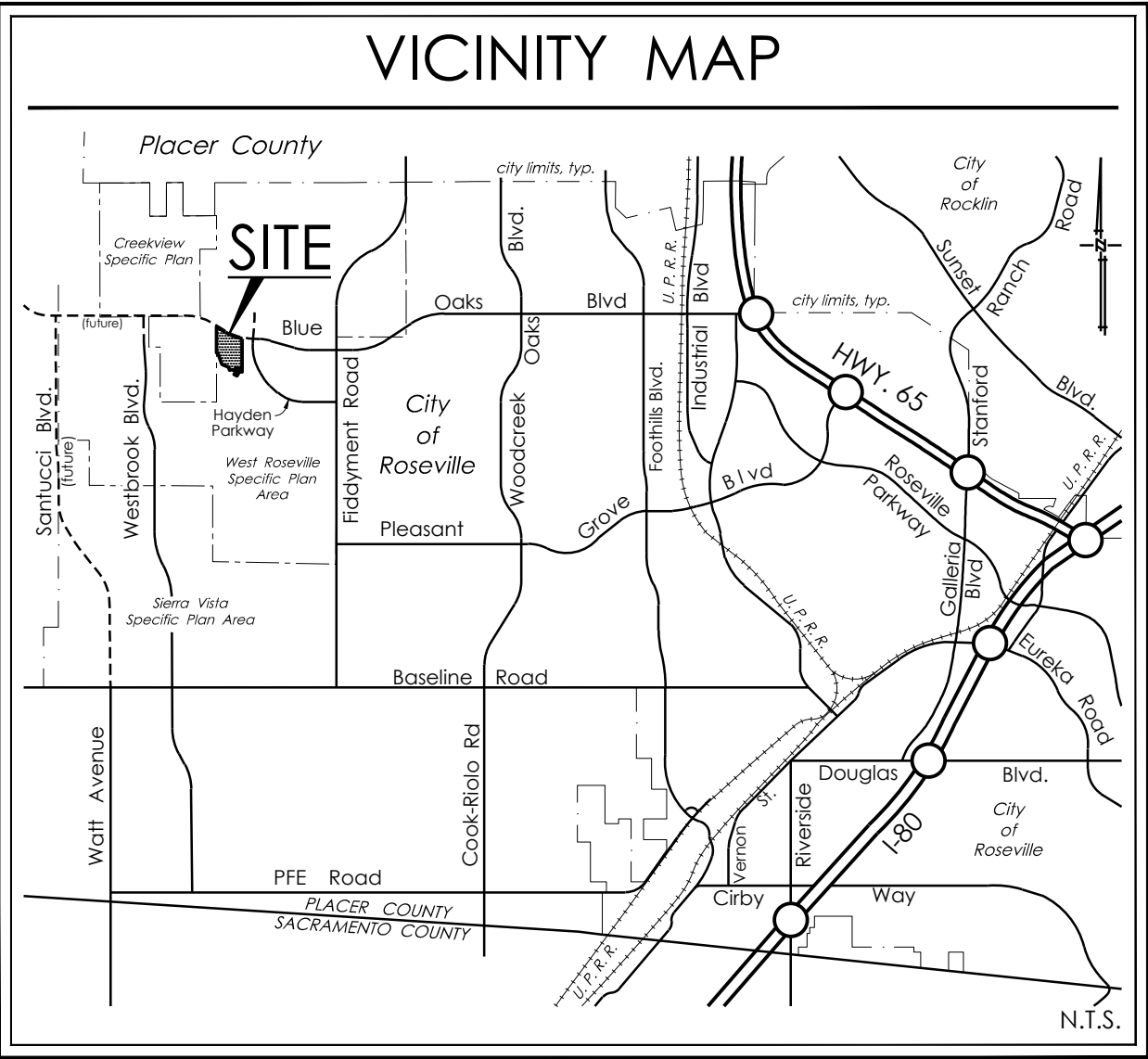
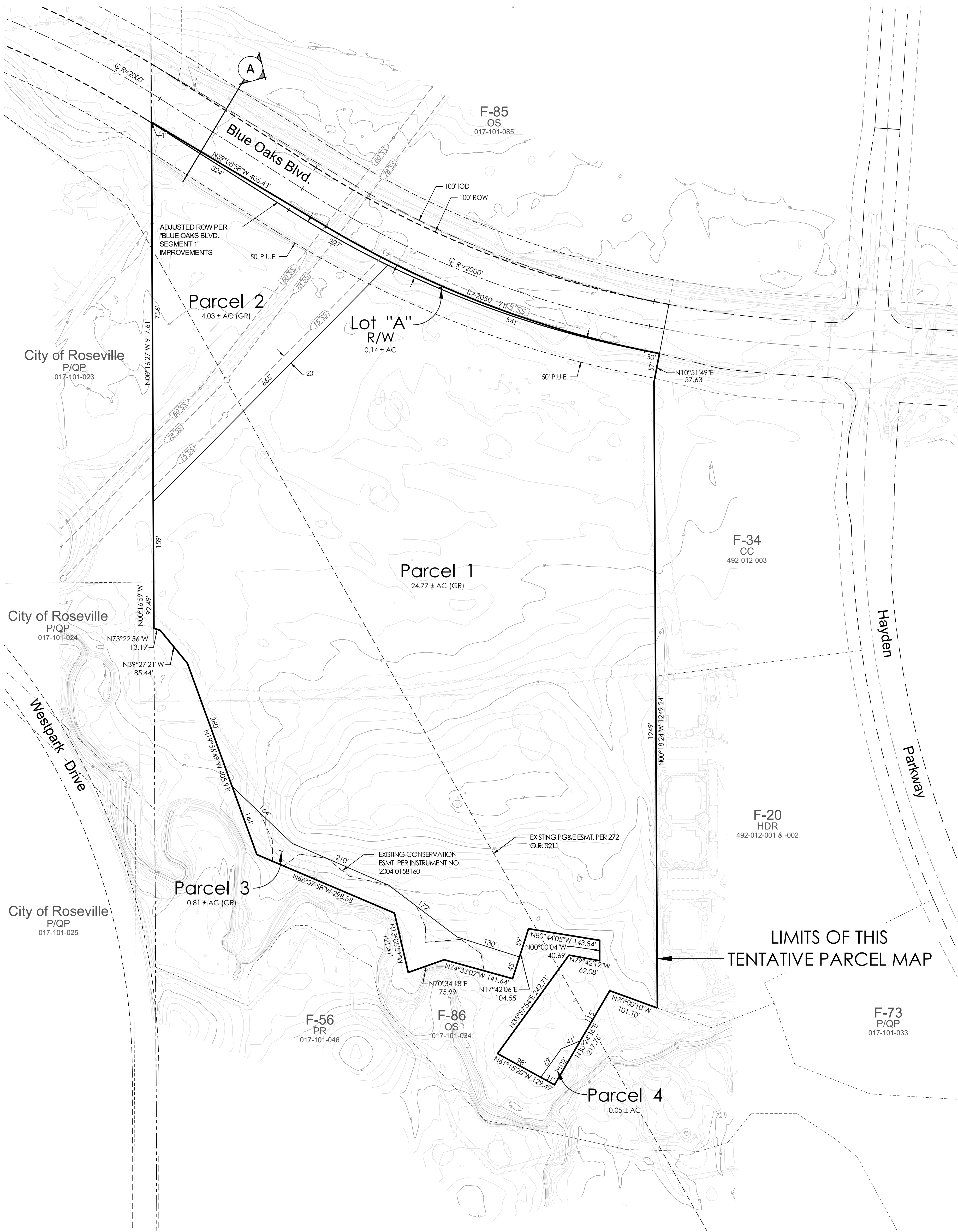
13986
X

13987
X

13988
X

Off-site trees

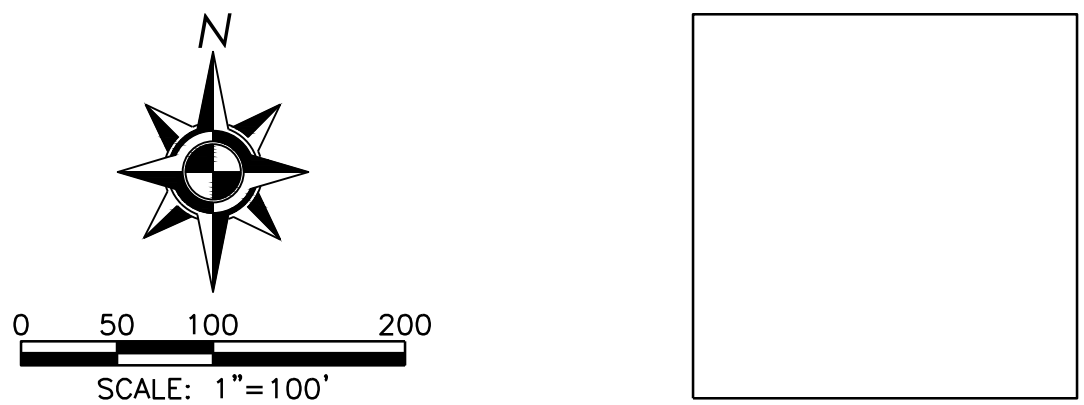
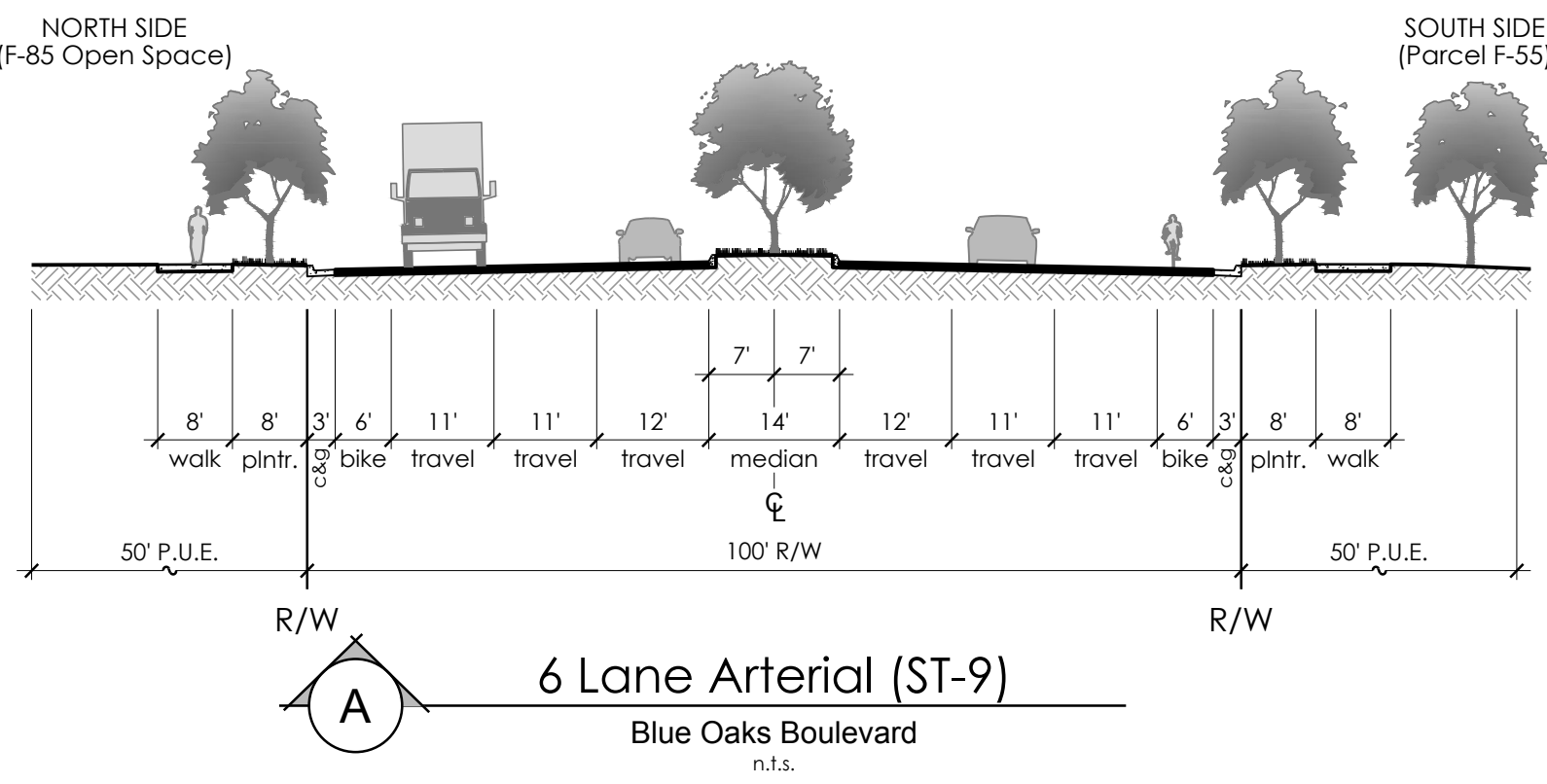




TENTATIVE PARCEL MAP INFORMATION	
APPLICANT:	West Roseville, LLC 1420 Rocky Ridge Drive, Suite 265 Roseville, CA 95661
ENGINEER:	MACKEY & SOMPS CIVIL ENGINEERS, INC. 1552 Eureka Road, Suite 100 Roseville, CA. 95661-3040 (916)773-1189
ASSESSOR'S PARCEL NUMBER:	492-012-004
TOTAL ACREAGE:	29.80 ± AC.
LAND 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 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.

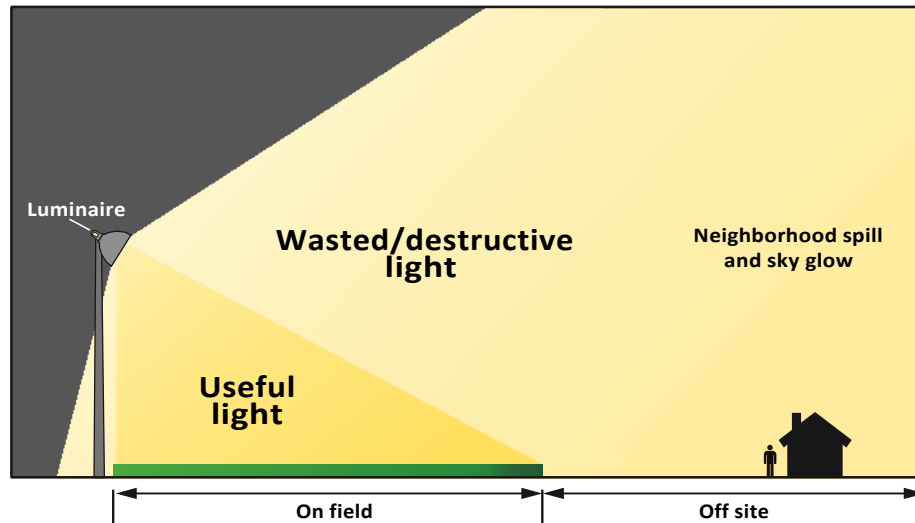
To encourage the use of the best available technology for dark sky preservation, IDA has established Criteria for Community-Friendly Outdoor Sports Lighting that upholds the values that many communities seek in their public illuminated spaces. These criteria ensure that the outdoor sports lighting design 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.

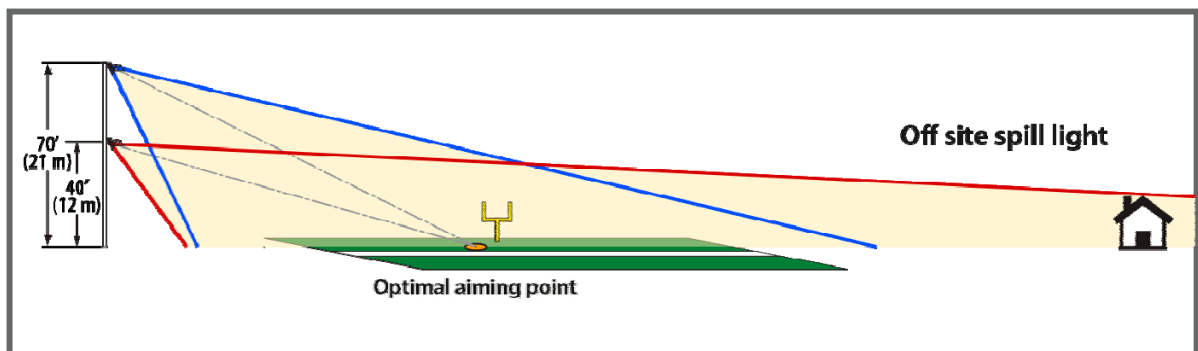


Fixtures with poor light control waste light by allowing it to go off the field into neighborhood spill and sky glow. Musco's light control redirects wasted spill light back onto the playing surface and away from the surrounding residences. Musco's efficient fixtures and system design, along with application 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.

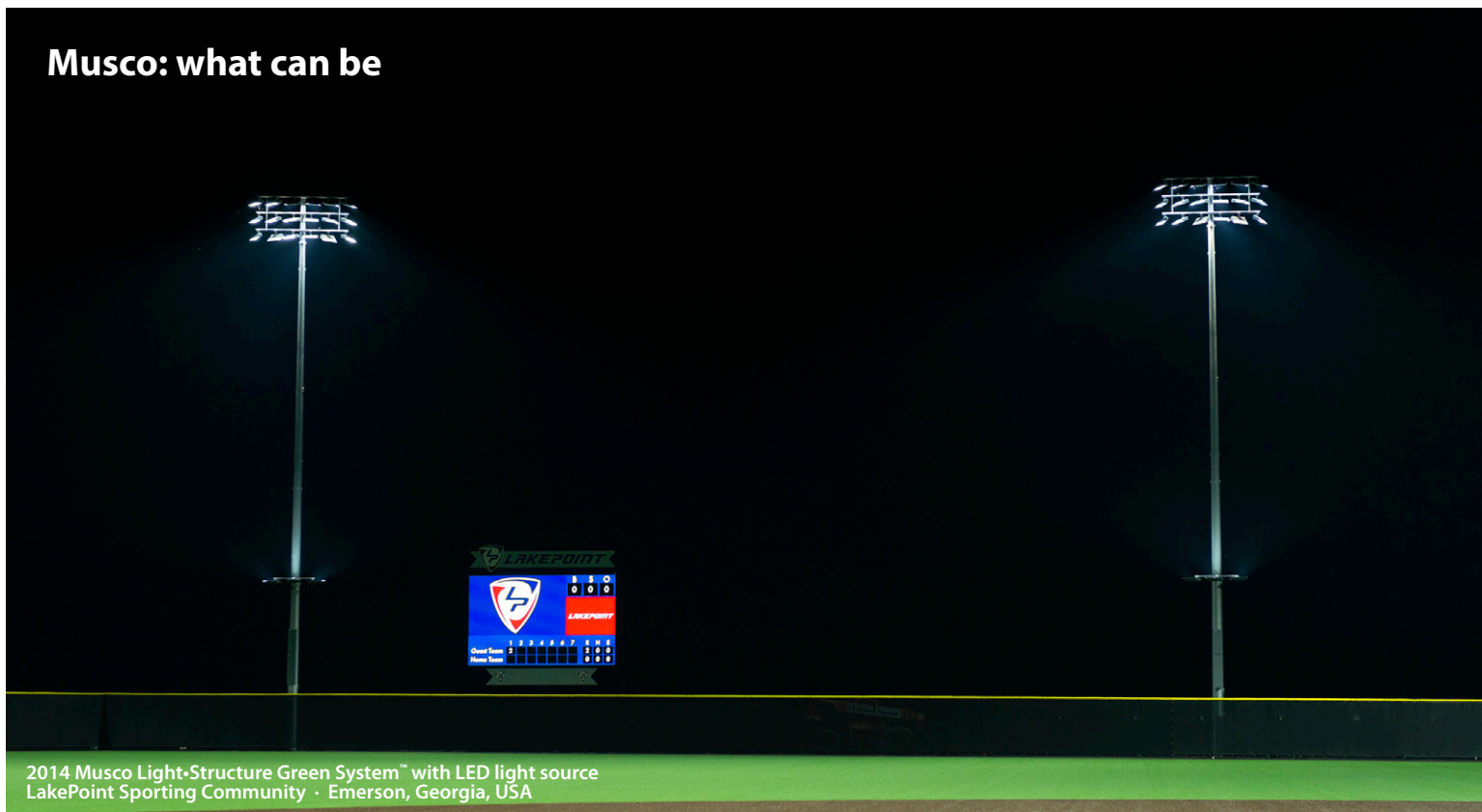
CONCLUSION

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™



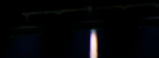
1989
Total Light
Control™



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 —

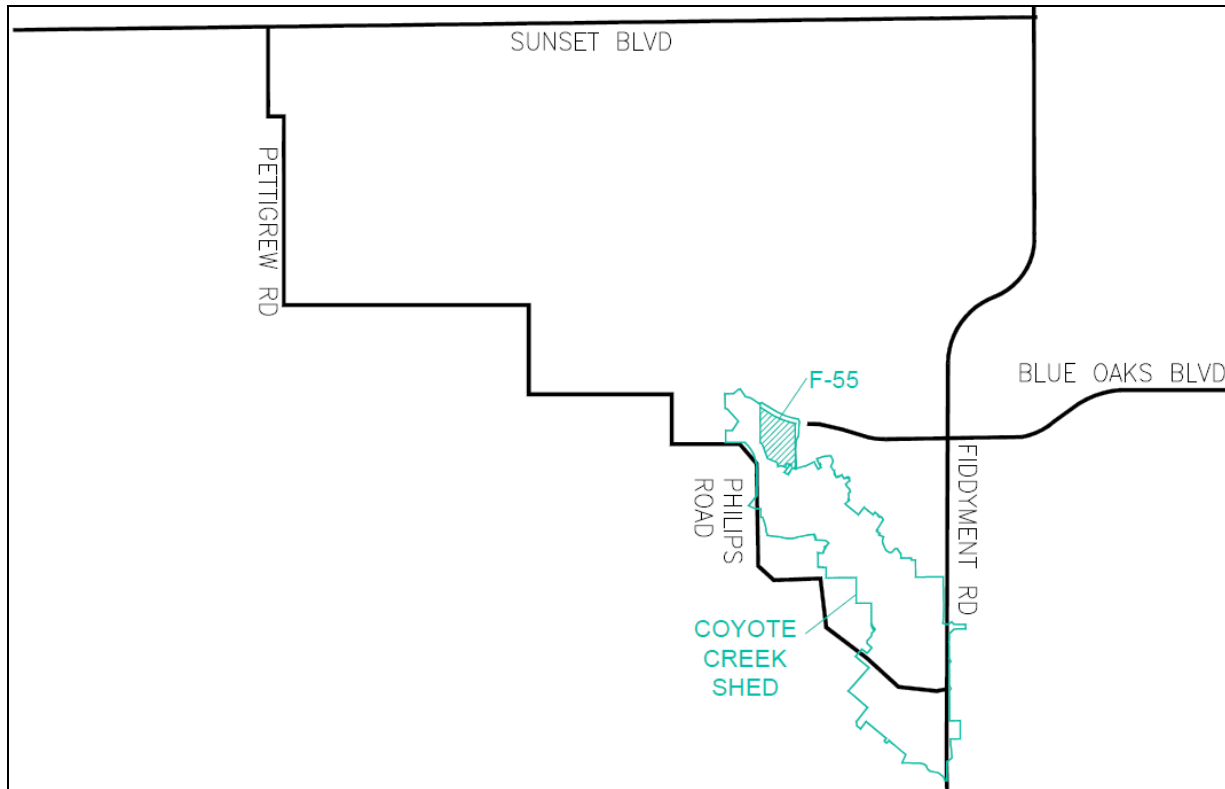


Figure 1. Project Location Map

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 Fiddymment Ranch in June 2000 and Westpark/ Revised Fiddymment 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:

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Prepared by:

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**Jim Brennan
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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.



ZONING SUMMARY

Existing Zoning		
Parcel	Zoning District	Acres
R-3	PR (Park & Recreation)	29.68 ac.
F-200	MI/SA (Light Industrial/Service Area)	25.20 ac.
TOTAL		\$4.88 ac.

Proposed Zoning		
Parcel	Zoning District	Acres
F-550	CR-10 (General Use Residential Development Standard)	24.26 ac.
R-550	PR (Park & Recreation)	0.03 ac.
P-600	OS (Open Space)	0.81 ac.
F-300	OS (Open Space)	0.05 ac.
F-300	CR (Attached Housing)	0.49 ac.
F-200	PR (Park & Recreation)	25.20 ac.
TOTAL		\$4.86 ac.



Continuous 24-hour Noise Measurement Sites

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		Large Business Office
Quiet Urban, Daytime	50	Dishwasher Next Room
Quiet Urban, Nighttime	40	Theater, Large Conference Room (Background)
Quiet Suburban, Nighttime	30	Library
	20	Bedroom at Night, Concert Hall (Background)
Quiet Rural, Nighttime	10	Broadcast/Recording Studio
	0	
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

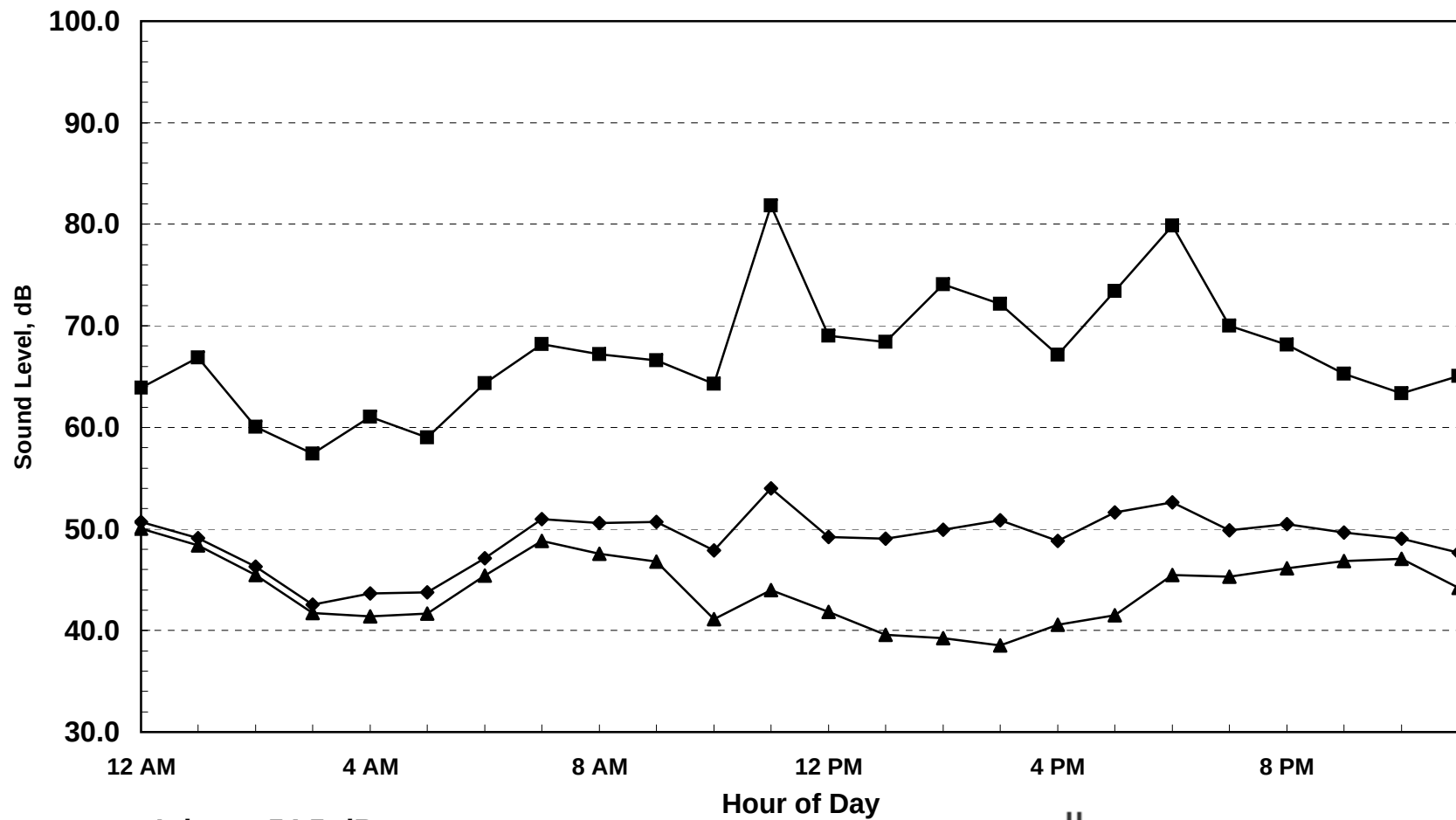
2019-153 WRSP F-55 & W-60a Rezone
 24hr Continuous Noise Monitoring - Site A
 Saturday, October 26, 2019

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



◆ Leq ■ Lmax ▲ L50

j.c. brennan & associates
consultants in acoustics

Appendix B

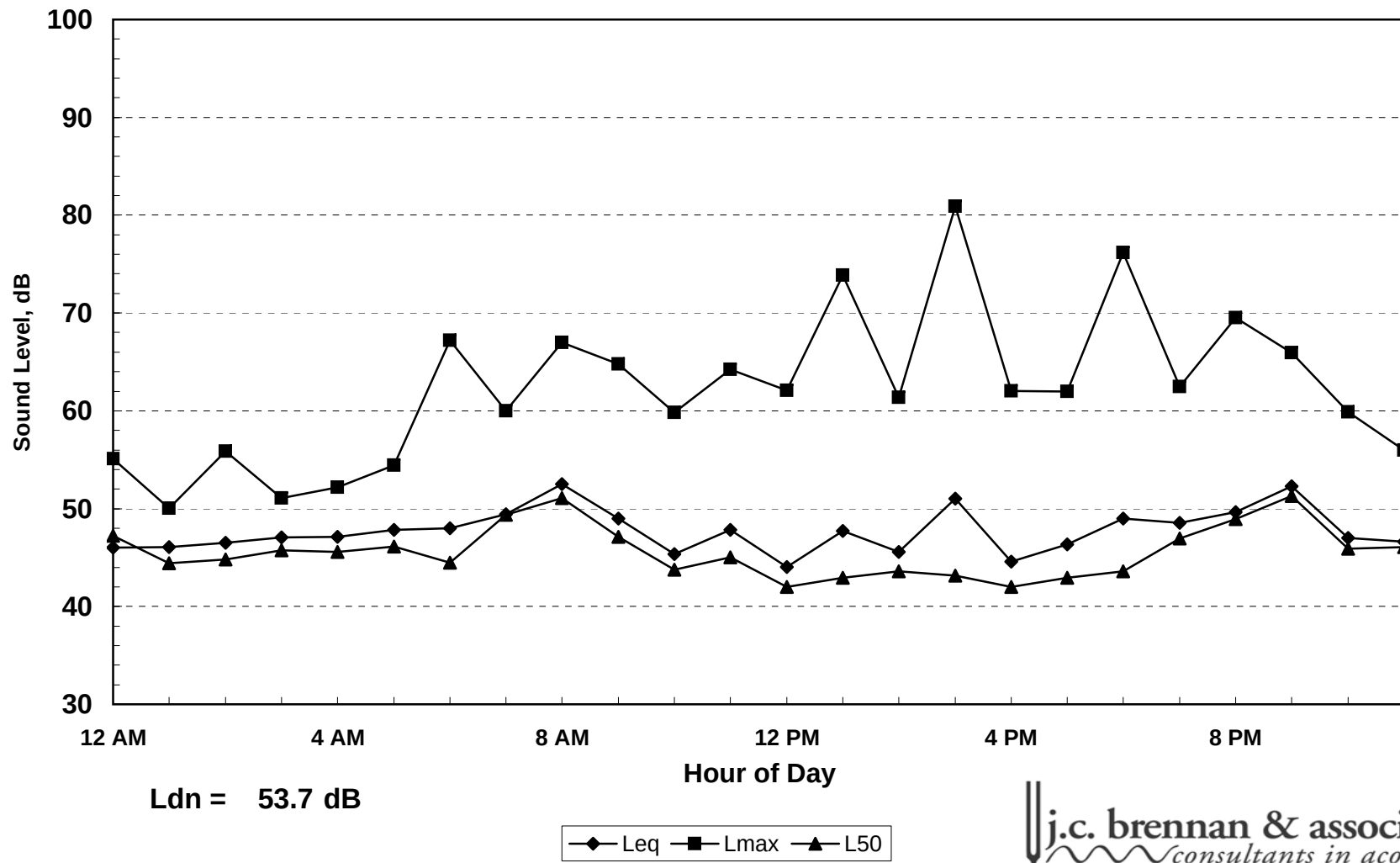
2019-153 WRSP F-55 & W-60a Rezone
24hr Continuous Noise Monitoring - Site B
Saturday, October 26, 2019

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											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
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

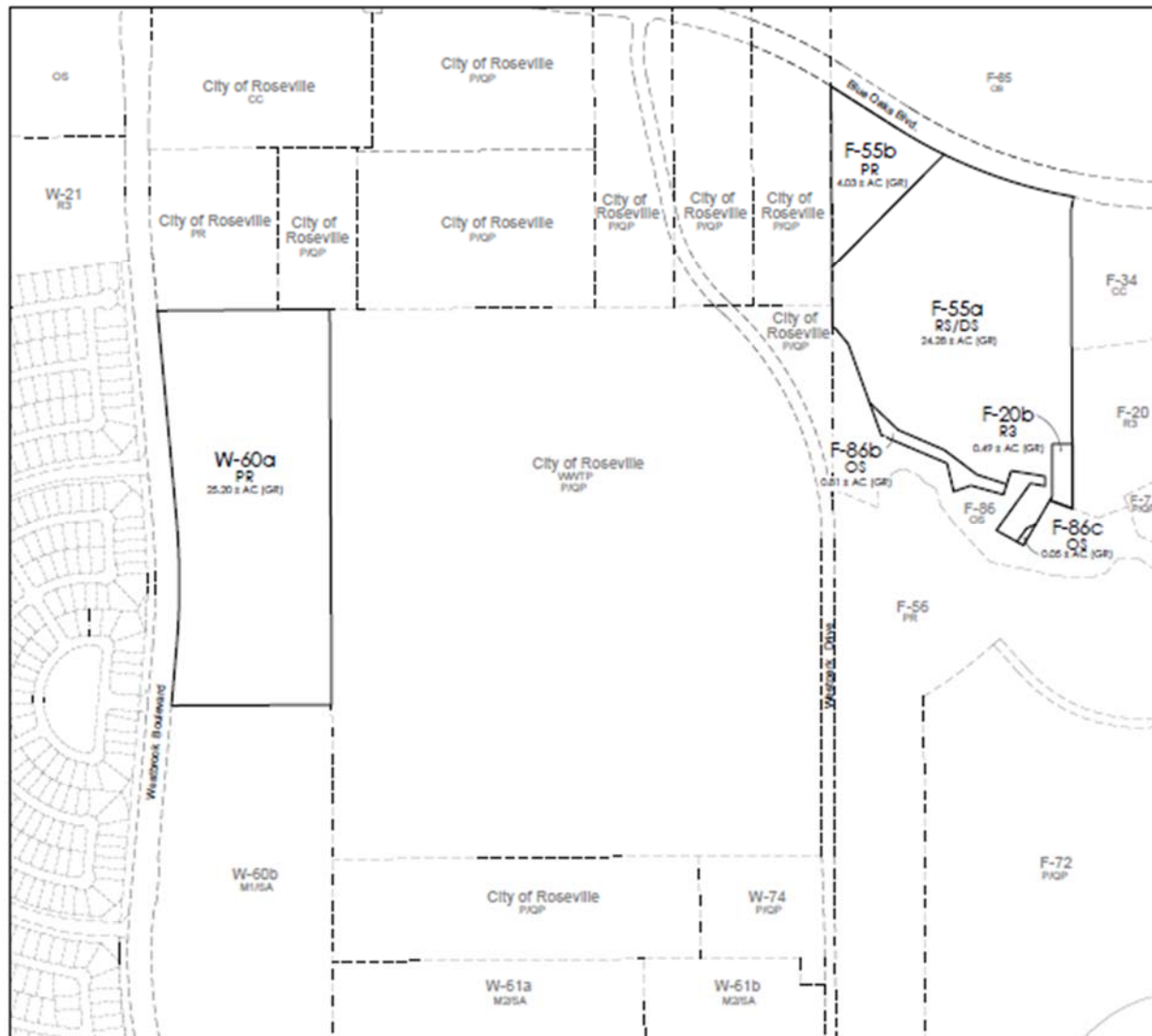
Parcel 55 consists of 29.7 acres and is currently zoned for Park & Recreation land uses. Parcel 55 (along with a small portion of adjacent Parcel 56) was studied as a regional sports complex as part of the *Final Transportation Impact Study for Placer Valley Sports Complex* (Fehr & Peers, March 3, 2016). 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**.

Figure 1: Proposed Land Use Zoning at Parcel 55 and 60

Source: MacKay & Soms, 2019.

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:

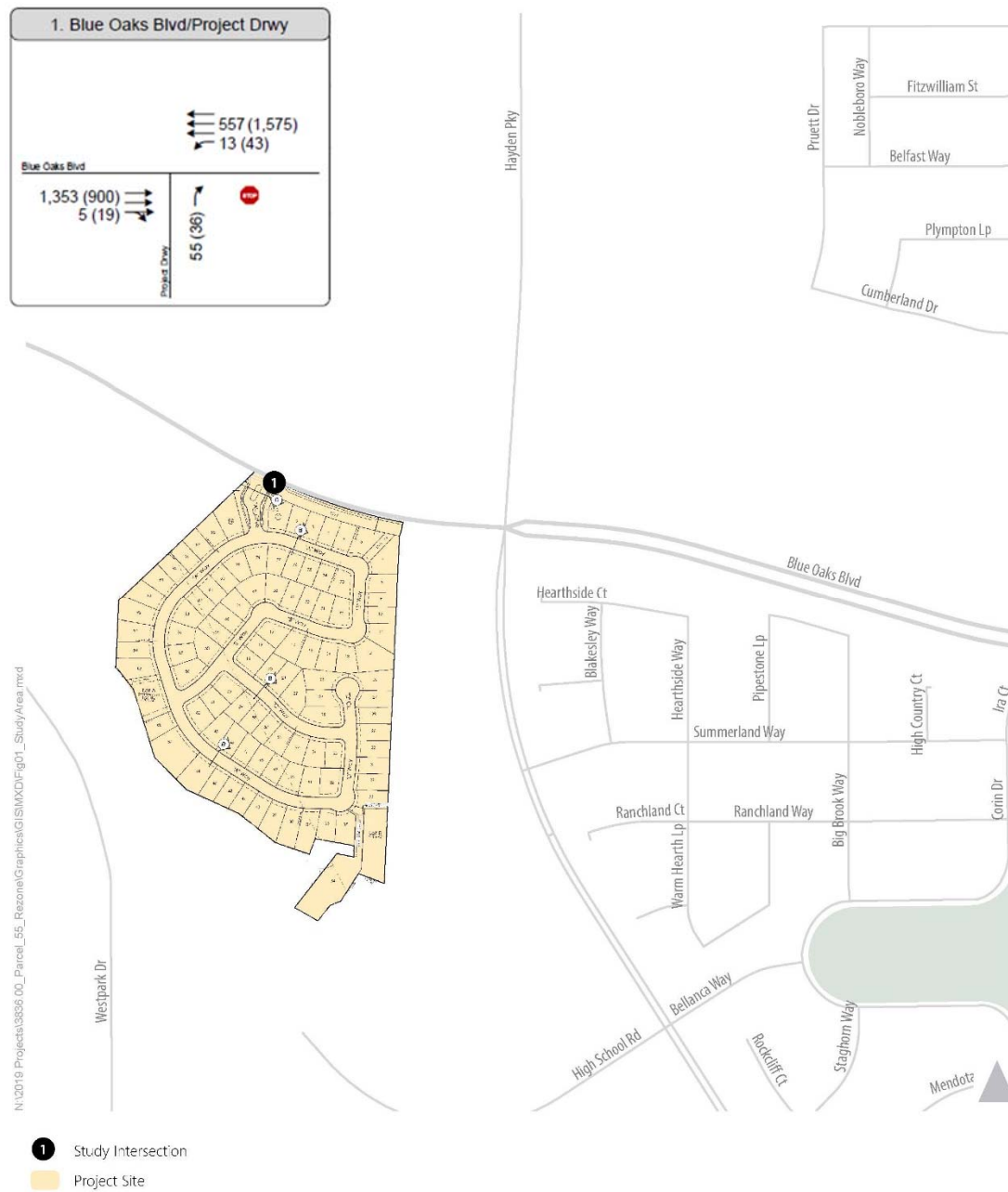
- Consistency of project driveway design (widths, throat depths, permitted turning movements, location, etc.) relative to City standards
- Ingress and egress lane storage requirements
- Need for right-turn deceleration lanes/tapers

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

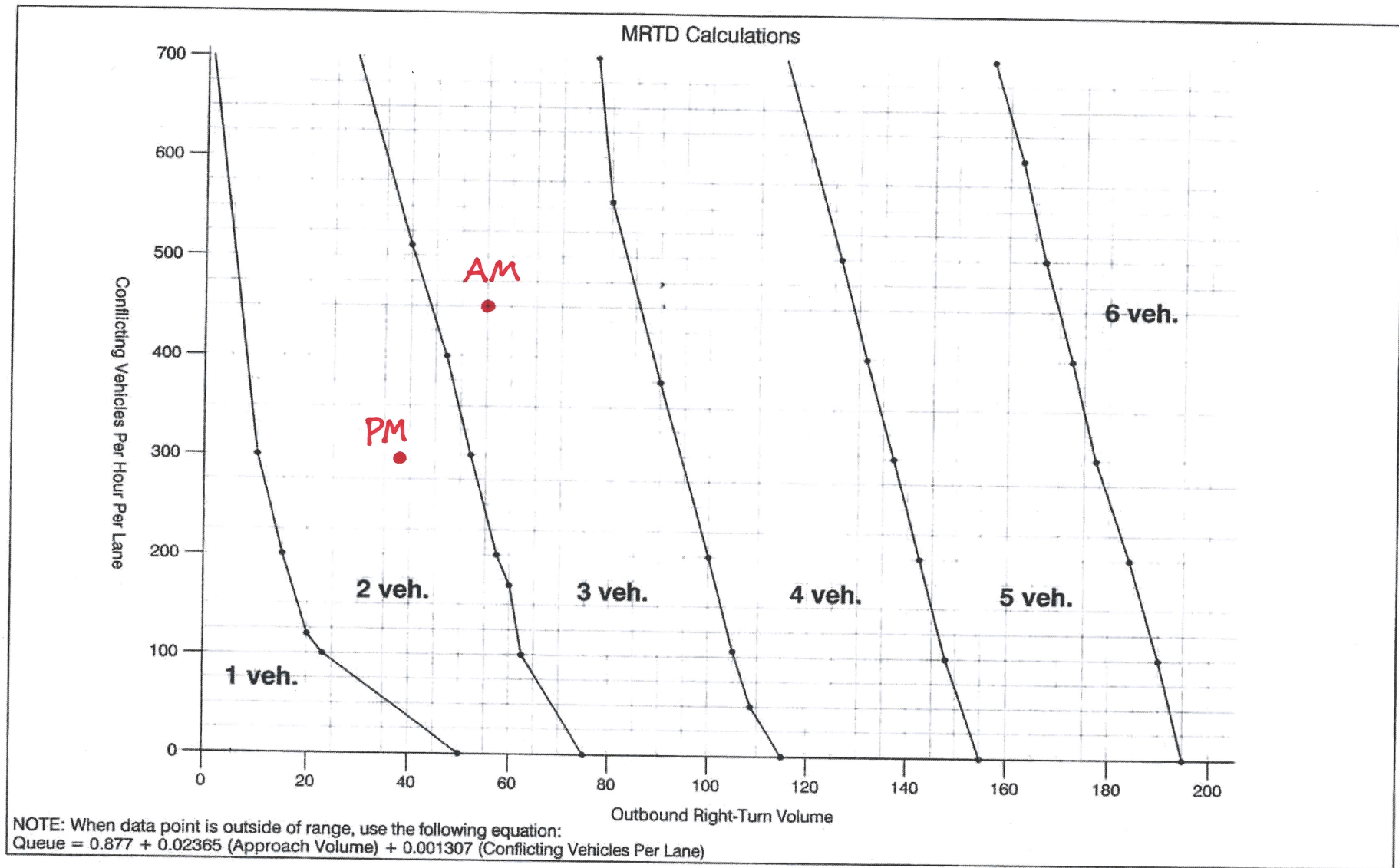
Major Street	
Conflicting Traffic Volume (vph) =	900
PHF=	0.95
Conflicting Number of Through Lanes	3
Posted Speed Limit (mph)=	45

Is a Traffic Signal Located on Major Street Within 1/4 mi of intersection? (Enter 1 if yes; 0 if no)	1
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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

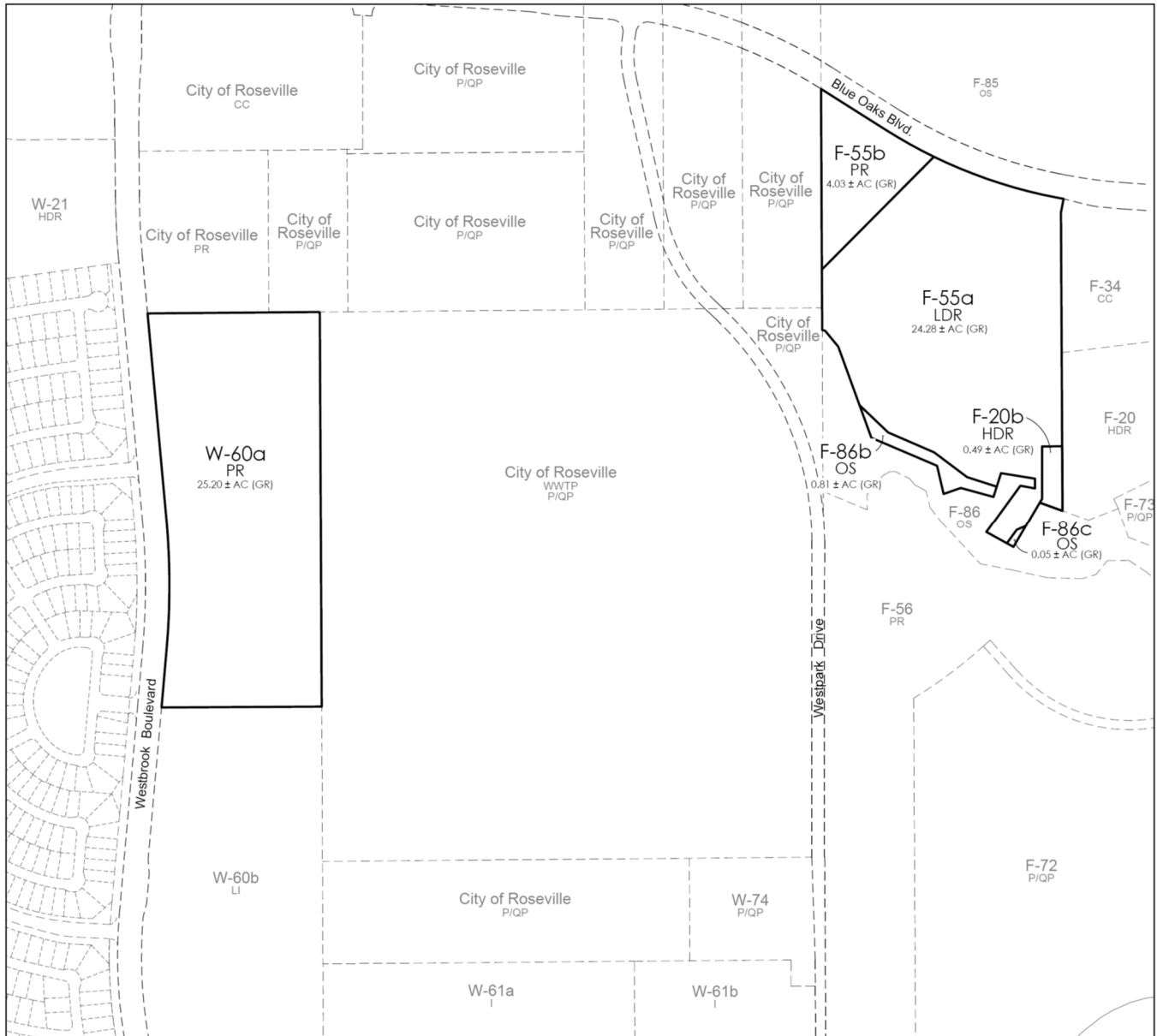
Exhibit B: Proposed Project Land Uses (August 12, 2019)

Exhibit A

Existing Land Uses



Exhibit B
Proposed Project Land Uses (August 12, 2019)



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.

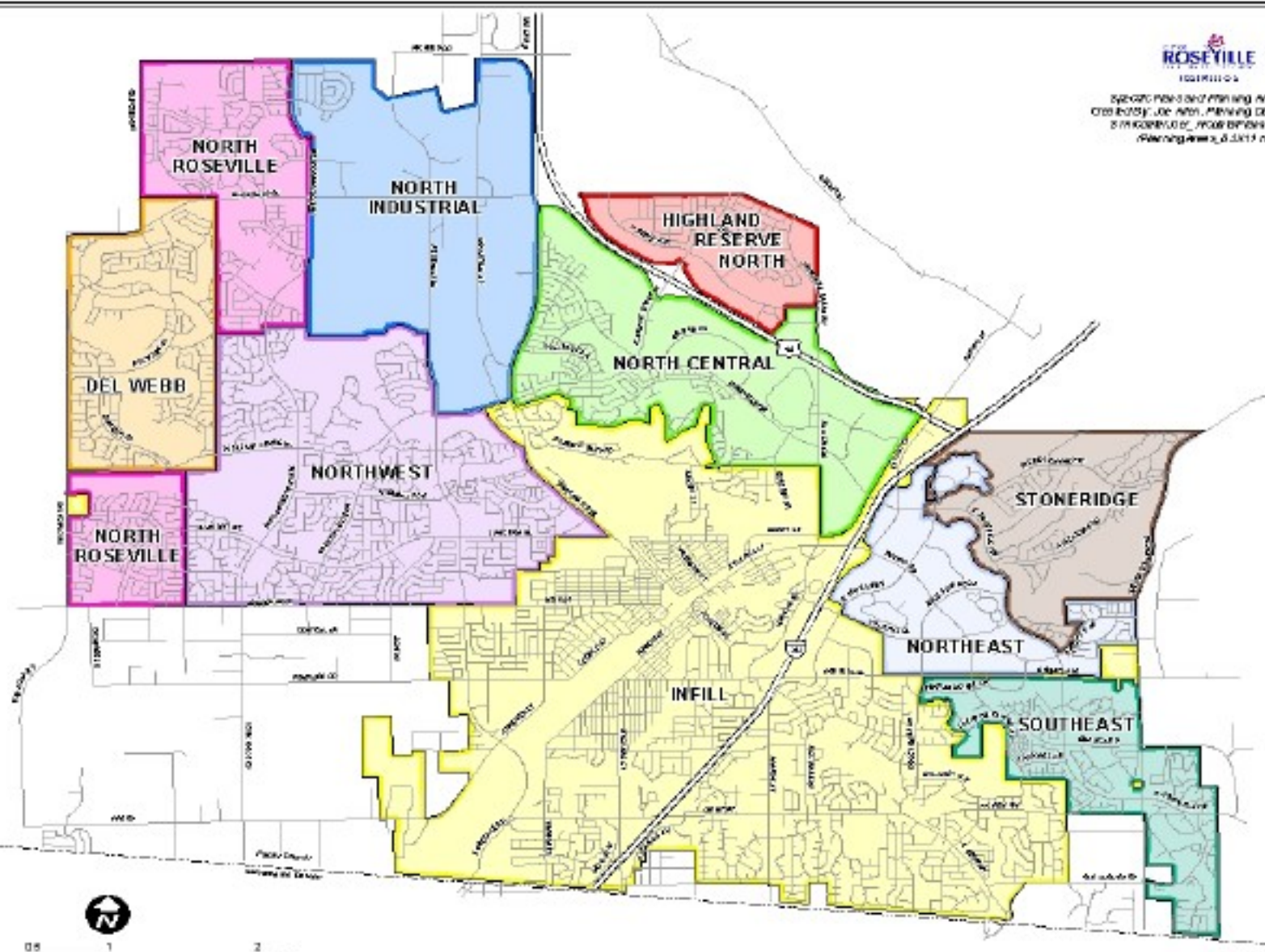
Balance of the City

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.

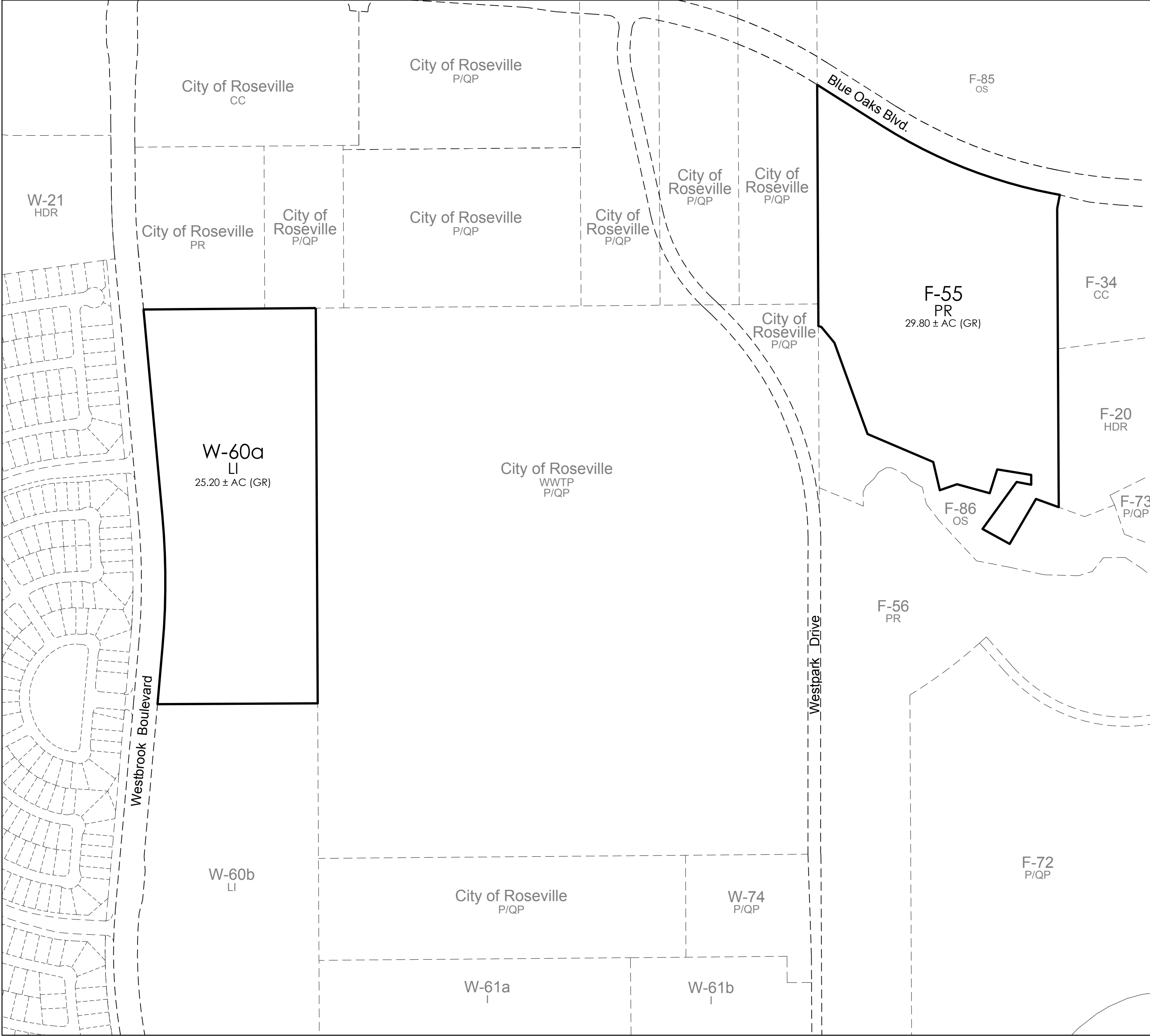
1. Balance of the City includes properties within all specific plans and the North Industrial Plan area.
2. A region wide employment and land inventory study shall be required of each project that is equal to or greater than 50 acres.
3. Land use changes will not have a negative fiscal impact to the 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.



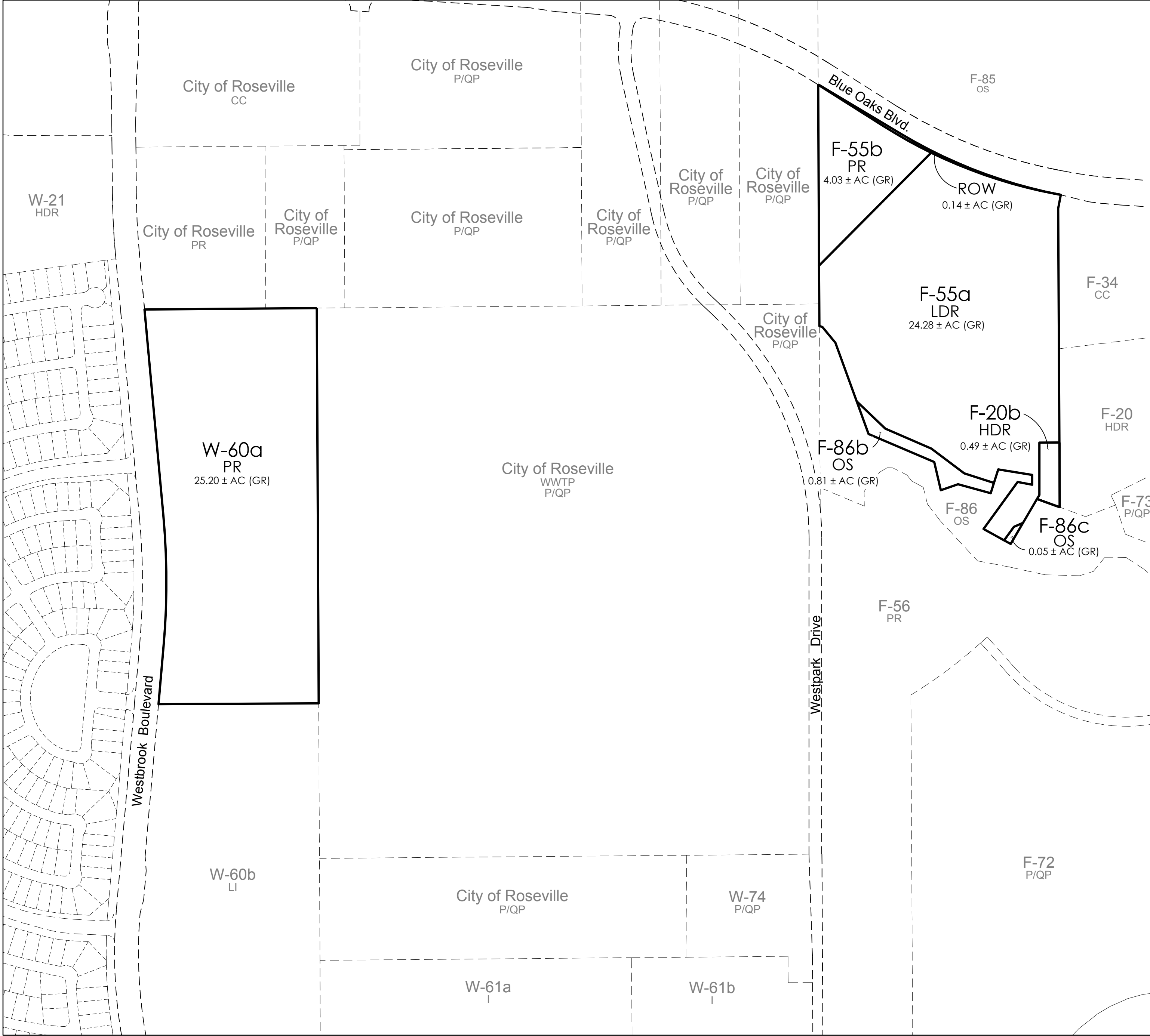
Specific Plans and Planning Areas
Created by Joe Allen, Planning Dept. Manager
5/1/2010, Roseville Planning
Planning Area 6.0/1.17.2010



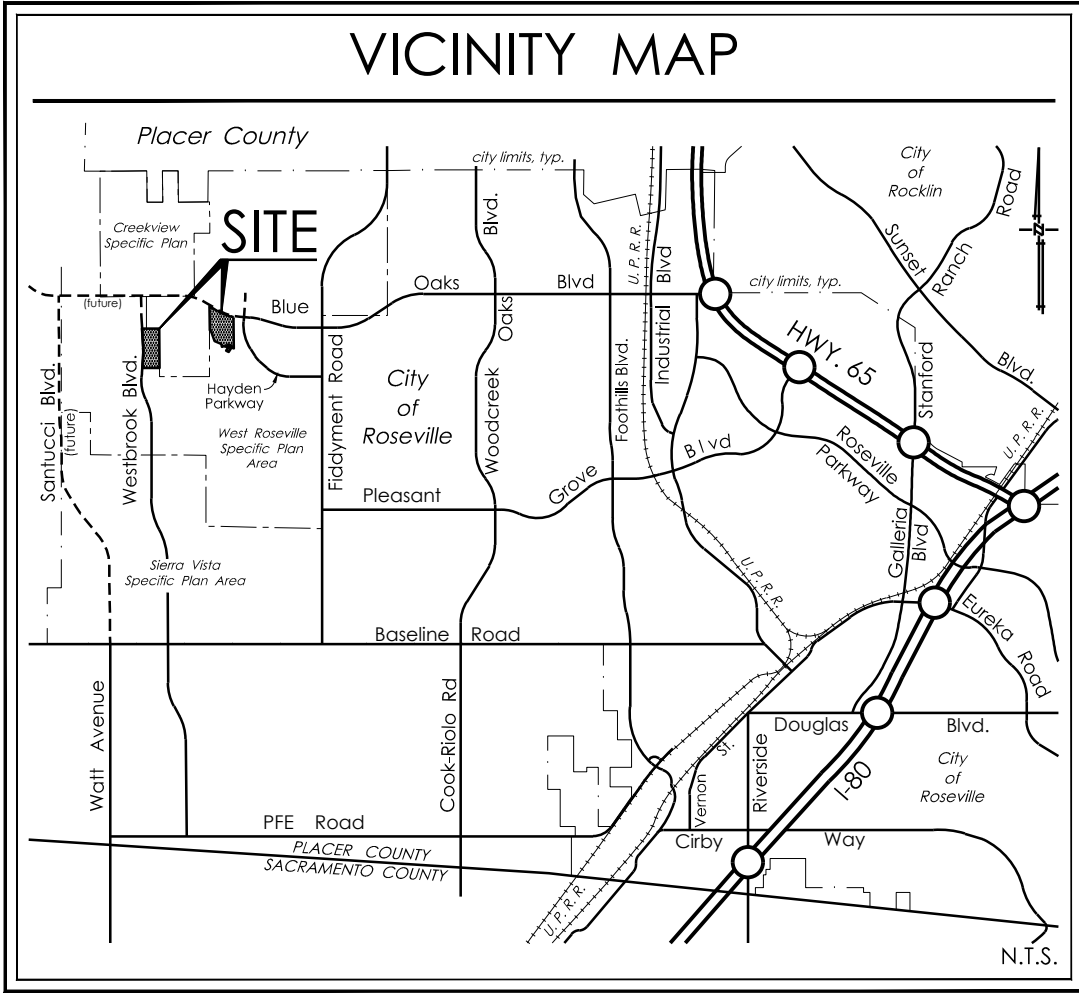
SPECIFIC PLANS & PLANNING AREAS



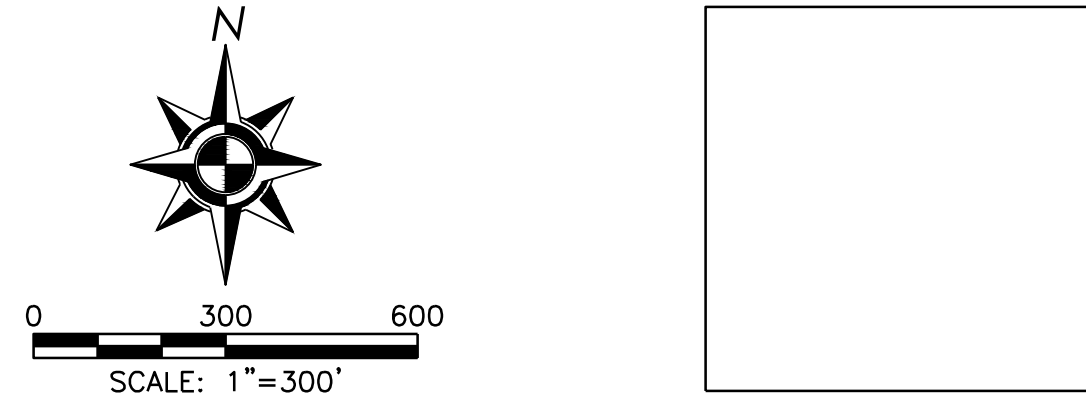
EXISTING LAND USE



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

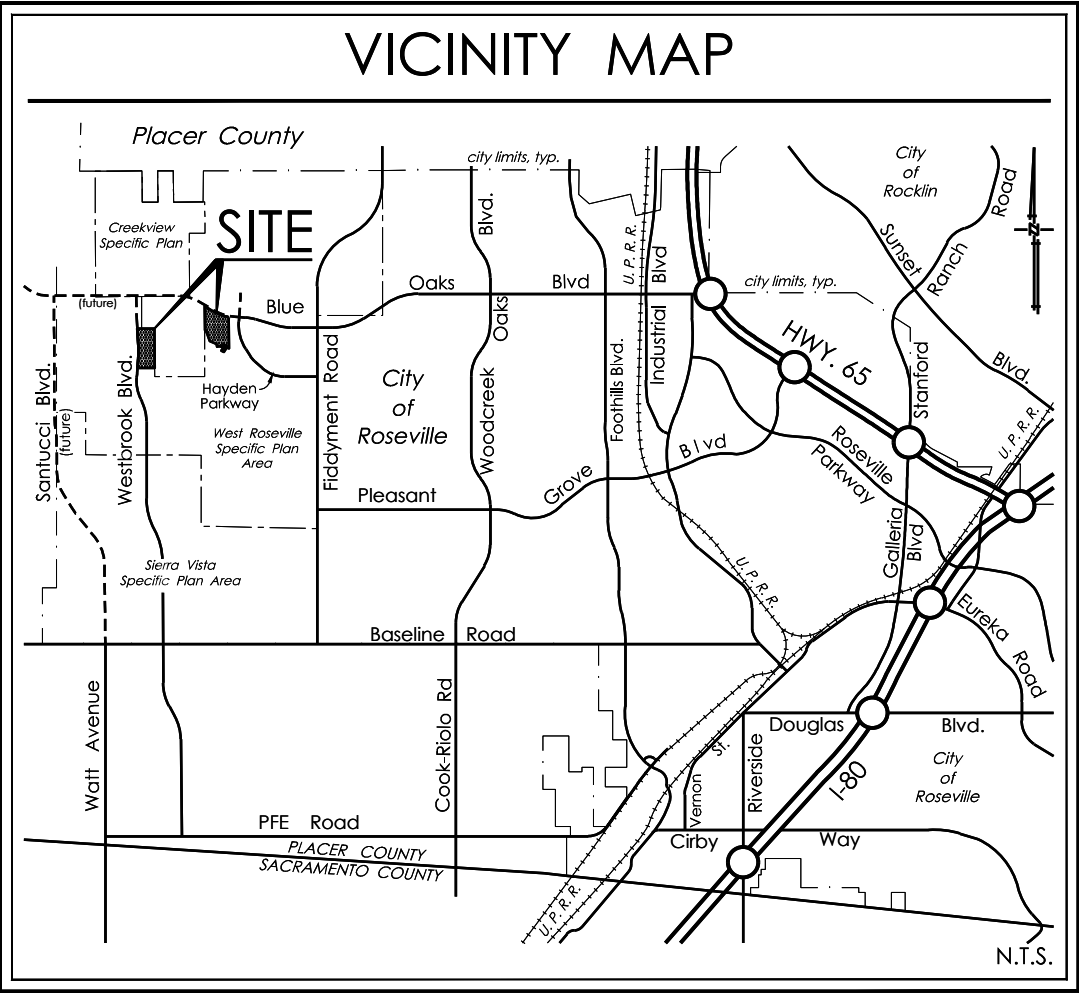




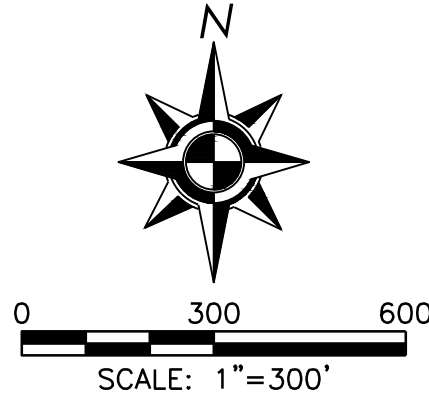
EXISTING ZONING



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

TABLE OF CONTENTS

RECITALS	1
ARTICLE 1. GENERAL PROVISIONS	4
1.1 Incorporation of Recitals	4
1.2 Binding Covenants	4
1.3 Term	4
1.3.1 Commencement; Expiration	4
1.3.2 Automatic Termination Upon Completion and Sale of Residential Unit	5
1.3.3 Termination Upon Landowner Request	5
1.3.4 Tolling During Legal Challenge	6
1.4 Amendment of Agreement	6
1.5 Recordation Upon Amendment or Termination	6
ARTICLE 2. DEVELOPMENT OF PROPERTY	7
2.1 Permitted Uses	7
2.2 Vested Entitlements	7
2.2.1 Property Specific Development Standards	7
2.3 [Reserved]	7
2.4 Rules, Regulations and Official Policies	8
2.4.1 Inconsistency	8
2.4.2 Obligation to Meet and Confer	8
2.4.3 Application of Changes	8
2.4.4 Authority to City	8
2.5 City Fees, Taxes and Assessments	9
2.5.1 Processing Fees and Charges	9
2.5.2 Public Financing Limited to Specific Funding Mechanisms	9
2.6 Affordable Housing	9
2.6.1 Affordable Purchase Residential Units	10
2.6.2 Not a Limitation	12
2.7 Wetlands	12
2.7.1 404 Permit	12
2.7.2 Compliance with 404 Permit Conditions	12
2.8 Provision of Off-site Real Property Interests	12
ARTICLE 3. LANDOWNER OBLIGATIONS	13
3.1 Development, Connection and Mitigation Fees	13
3.2 Public Improvements to be Dedicated, Constructed or	

Financed by Landowner	13
3.3 Recordation of Parcel Map	13
3.4 Public Utilities Within Rights-of-Way	14
3.5 Road Improvements	14
3.5.1 Landowner's Obligations	14
3.5.2 Arterial Roadways	15
3.5.3 Blue Oaks Boulevard Off-Site Road Fee	15
3.5.4 Westpark Drive Off-Site Road Fee	15
3.5.5 Timing of Dedication and Construction of Road Improvements	16
3.5.6 Road Improvement Standards	16
3.5.7 Landscape Setbacks	16
3.5.8 City Traffic Mitigation Fee	
3.5.9 Highway 65 Joint Powers Authority	16
3.5.10 South Placer Regional Traffic Fee (Tier I)	17
3.5.11 City-County Fee	17
3.5.12 Alternative Transportation Marketing	17
3.6 Sewer Facilities	17
3.6.1 Master Wastewater Plan	
3.6.2 Improvement Standards	18
3.6.3 Access to Manholes	18
3.6.4 Public Utility Easements	18
3.7 Water Supply	18
3.7.1 Financing of Water Supply	18
3.7.2 Water Conservation Measures	18
3.8 Water System Improvements	19
3.8.1 Water Facilities	19
3.8.2 Public Utility Easements	18
3.8.3 Water Softeners	19
3.8.4 Disclosure to Buyers	19
3.9 Recycled Water Facilities	19
3.9.1 Non-Exclusive Public Utility Easement	19
3.9.2 Recycled Water Use Disclosure to Buyers	20
3.10 Drainage Facilities	20
3.10.1 Other Agency Approval	20
3.10.2 Storm Drains	21
3.10.3 Drainage Easements	21
3.11 Electric	21
3.11.1 On-Site Electric Facilities	21
3.11.2 Streetlights	22
3.11.3 Electric Efficiency and Demand Reduction	22
3.12 Parks, Open Space and Bike Trails	23
3.12.1 Financing for Parks	23

3.12.2 Neighborhood Park Fee	24
3.12.3 City-Wide Park Fee	24
3.12.4 Bike Trail Fee	24
3.12.5 Entire Park Land Obligation	24
3.13 School Fee Agreements	24
3.14 Miscellaneous Public Facilities and Services	25
3.14.1 Fire Tax Equivalent Fee	25
3.14.2 Placer County Capital Facilities Fee	25
3.14.3 City Public Facilities Fee	25
3.14.4 Public Benefit Fee	25
3.14.5 Liens, Encumbrances, Covenants, Conditions and Restrictions	25
3.14.6 Signage for Future Public Facilities	25
3.14.7 Library Facilities	26
3.14.8 Construction Waste	26
3.14.9 Air Quality Mitigation Fee	26
3.14.10 Traffic Signal Coordination Fee	26
3.14.11 Transit Shuttle Service Fee	26
3.15 EIR Mitigation Measures	26
3.16 Waiver	26
3.17 Community Facilities District – Public Facilities	27
3.17.1 Community Facilities District Applicable to the Property	27
3.18 [Reserved.]	27
3.19 Community Facilities District – Public Services (Services CFD)	27
3.20 Community Facilities District – Municipal Services	27
3.20.1 Public Parcel Exclusion	27
3.21 Encroachment Permits, Landscape Maintenance Easements	27
3.22 Grading Permit	28
3.23 Disclosures to Subsequent Purchasers	28
ARTICLE 4. CITY OBLIGATIONS	30
4.1 City Cooperation	30
4.2 Applications for Permits and Entitlements	31
4.2.1 Action by City	31
4.2.2 Maps and Permits	31
4.2.3 Personnel	31
4.3 Subdivision Map Act Waiver	32
4.4 Limited Waiver of Protest Rights	32
4.5 Moratorium, Quotas, Restrictions or Other Growth Limitations	32
4.6 Subsequent Proposed Development	33
4.7 Essence of Agreement	33
ARTICLE 5. DEFAULT, REMEDIES, TERMINATION	33

5.1	General Provisions	33
5.2	Annual Review	34
5.3	Enforced Delay, Extension of Times of Performance	35
5.4	Legal Action	35
5.5	Effect of Termination	35
5.6	Applicable Law and Attorneys' Fees	35
ARTICLE 6. HOLD HARMLESS AGREEMENT		35
ARTICLE 7. PROJECT AS PRIVATE UNDERTAKING		36
ARTICLE 8. COOPERATION IN THE EVENT OF A LEGAL CHALLENGE		36
ARTICLE 9. GENERAL		36
9.1	Enforceability	36
9.2	City Finding	37
9.3	Third Party Beneficiaries	37
9.4	Severability	37
9.5	Construction	37
9.6	Other Necessary Acts	37
9.7	Estoppel Certificate	37
9.8	Mortgagee Protection	37
ARTICLE 10. NOTICES		39
ARTICLE 11. ASSIGNMENT		40
ARTICLE 12. FORM OF AGREEMENT, EXHIBITS		40
LIST OF EXHIBITS		42

**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.

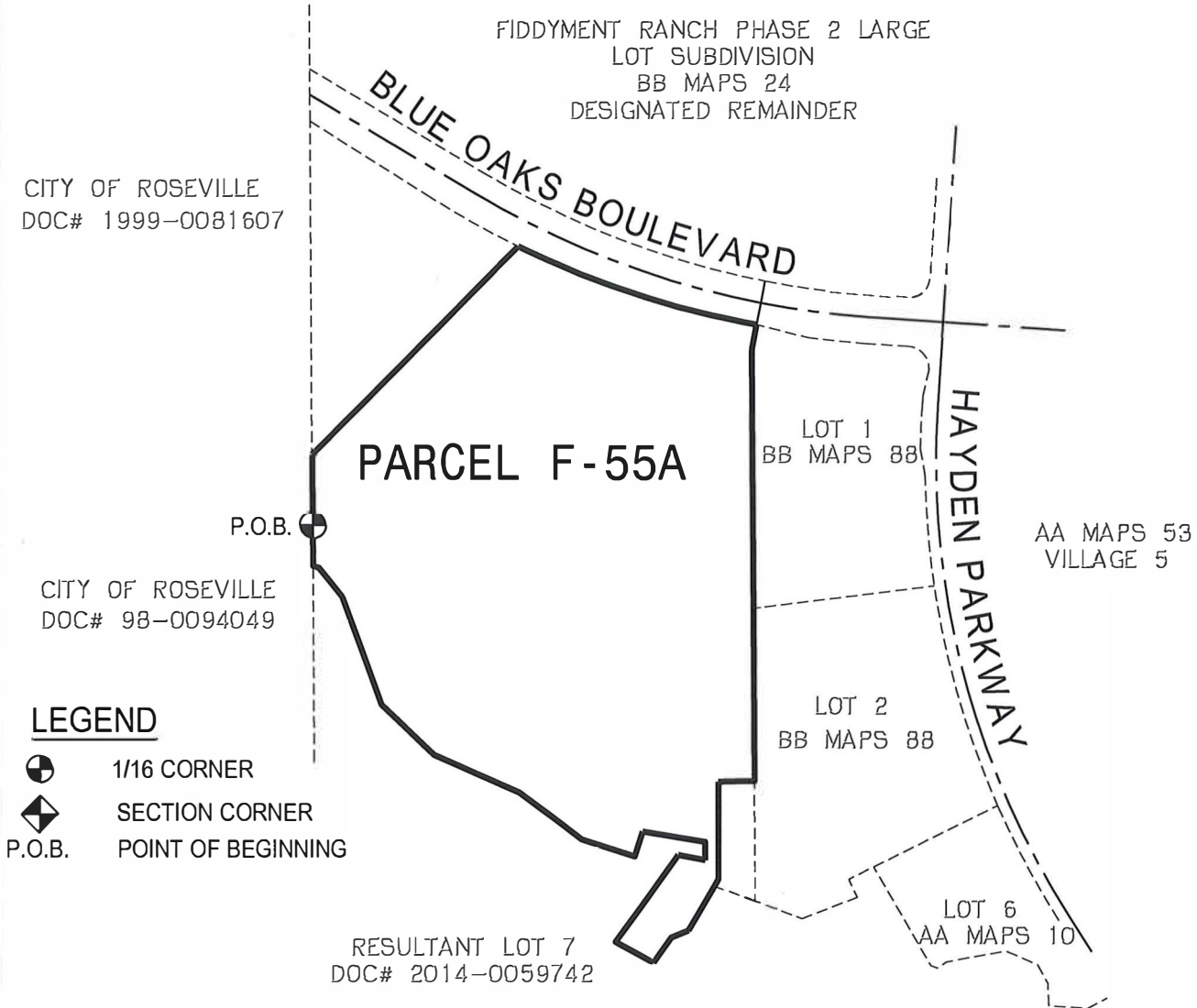
This legal description was prepared by me or under my supervision pursuant to Section 8729 (2) of the Professional Land Surveyors Act.

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

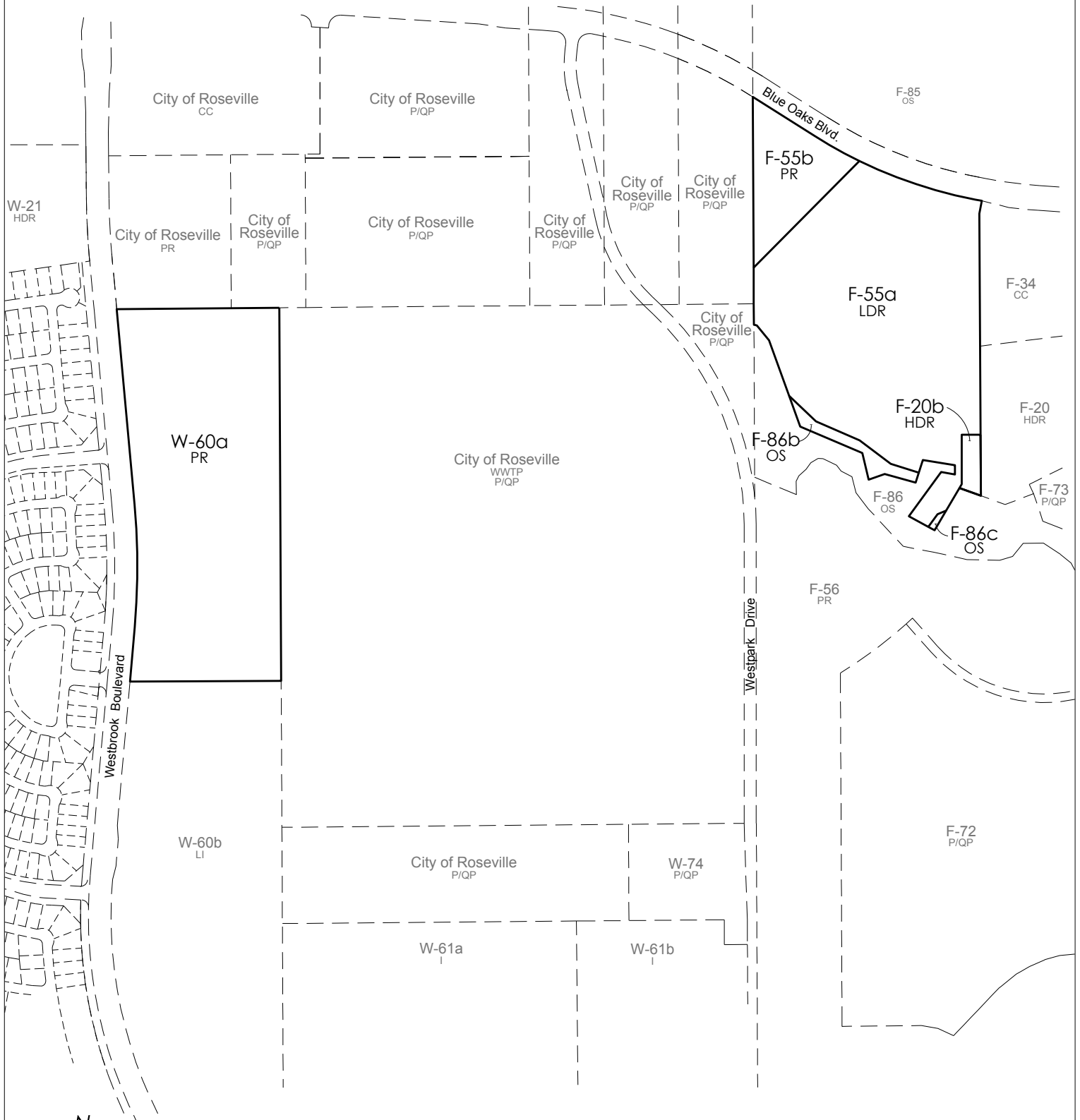
ENGINEERS PLANNERS SURVEYORS
1025 Creekside Ridge Drive, Suite 150, Roseville, CA 95678 (916) 773-1189

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.

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

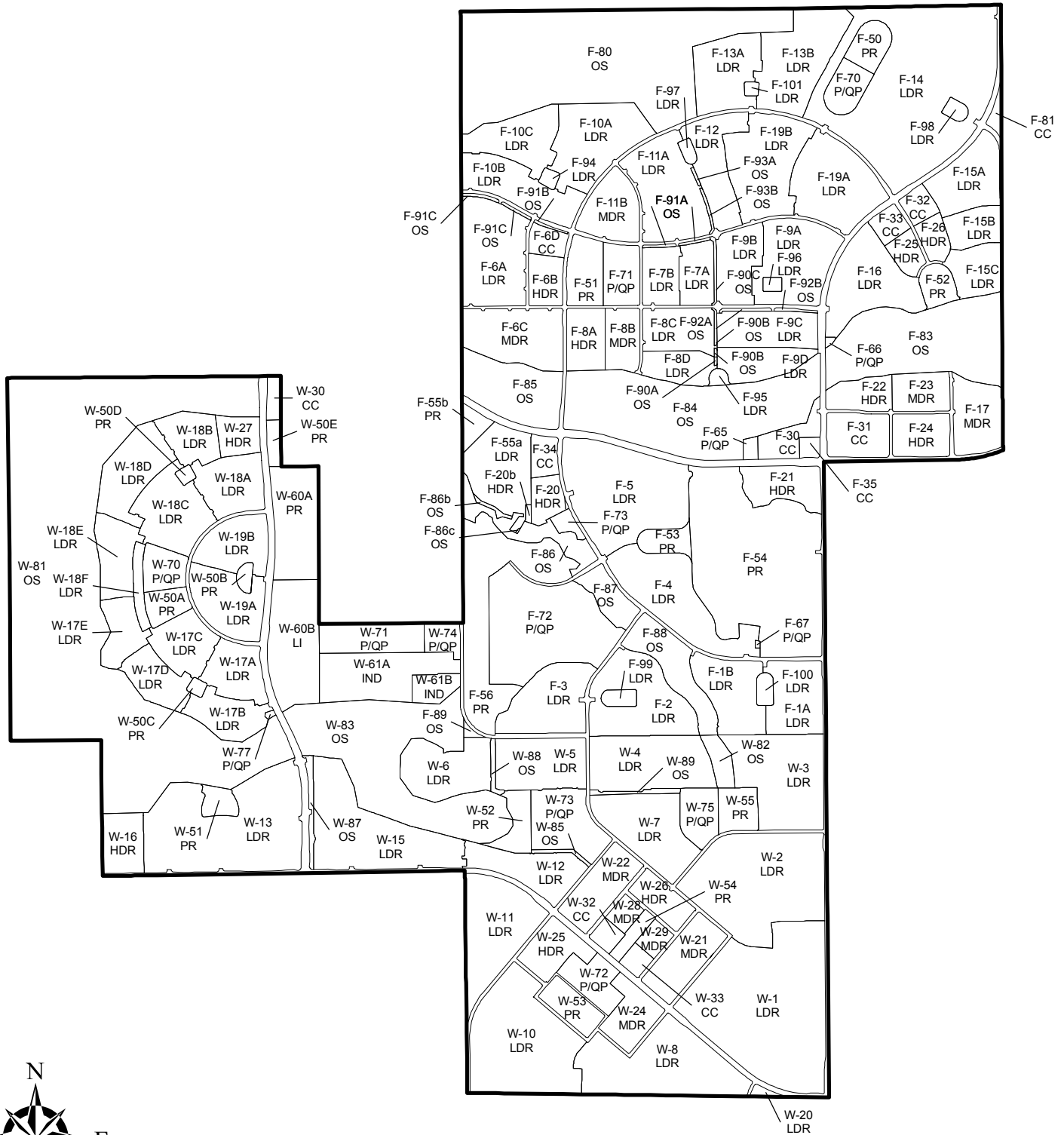


EXHIBIT D-1: RS/DS Development Standards

	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

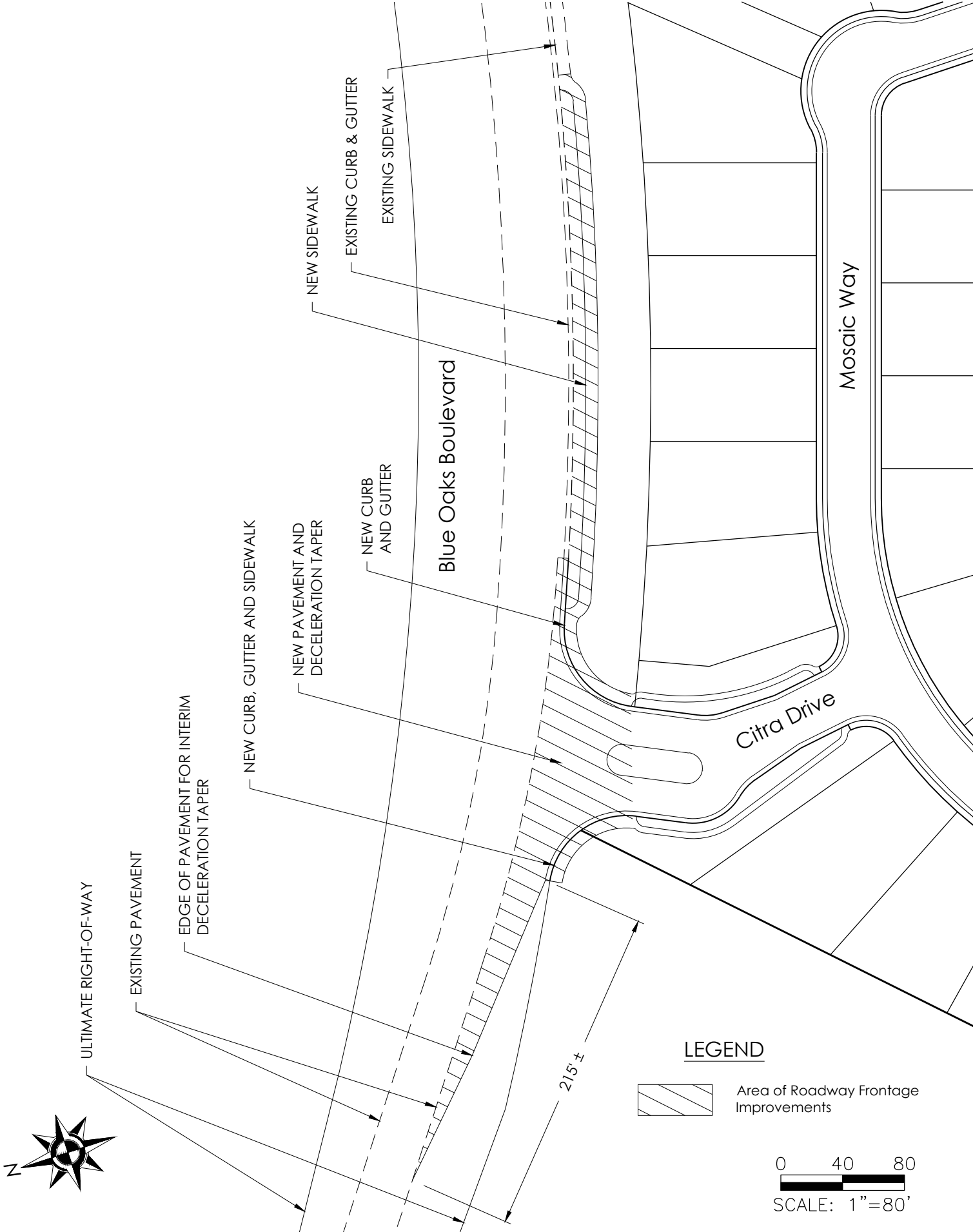


Exhibit F: Sewer Facilities

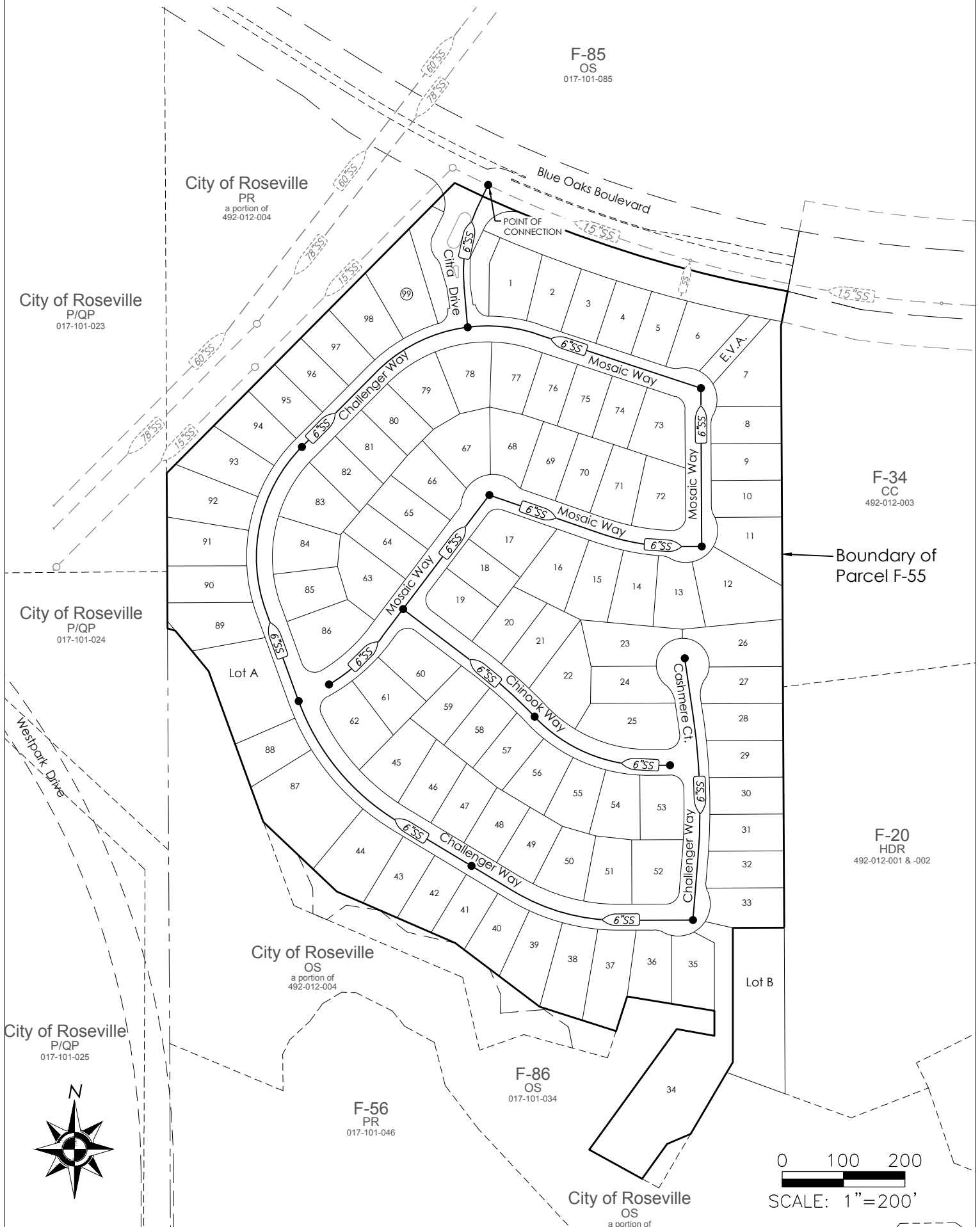


Exhibit G: Water Conservation Plan

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

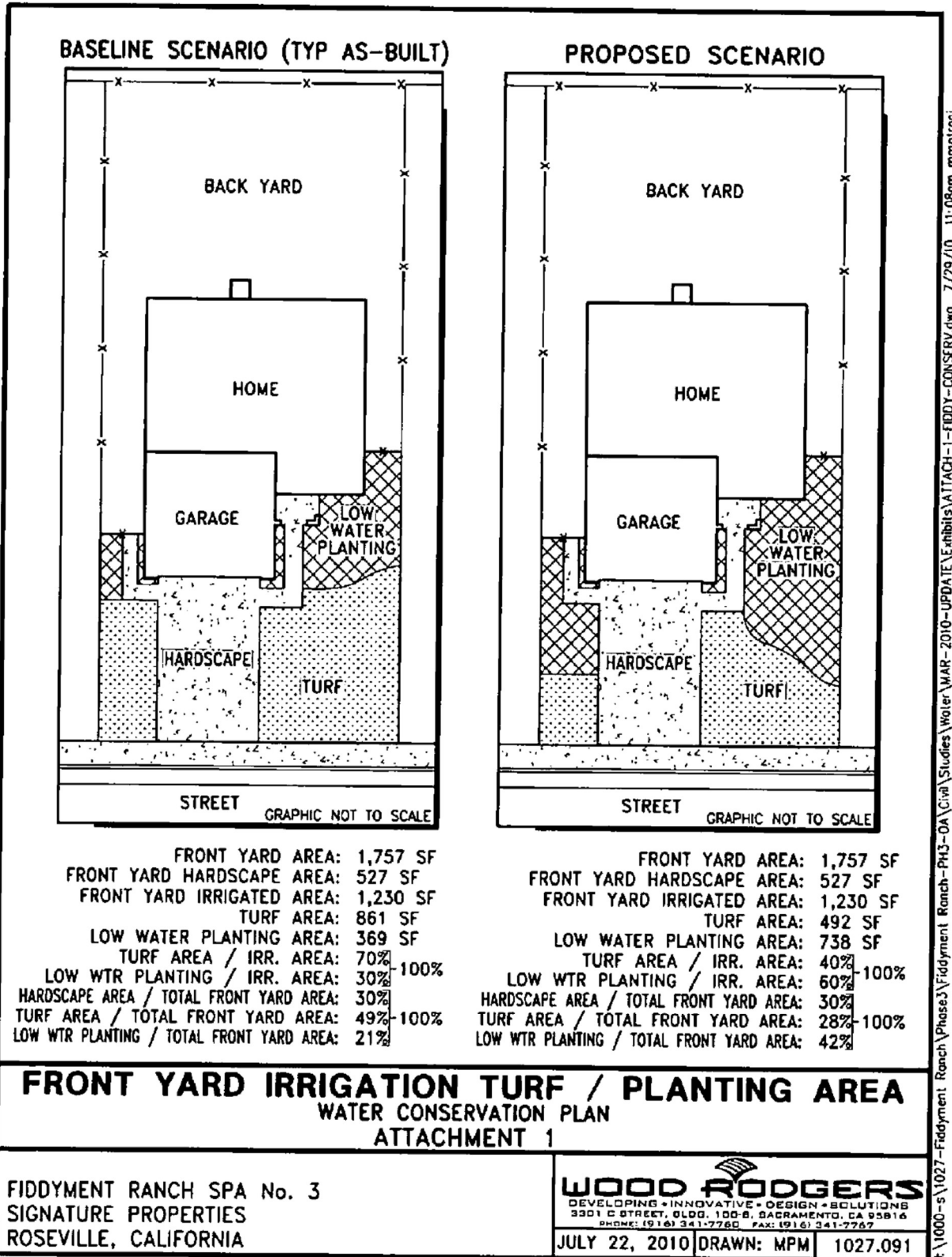


Exhibit H: Water Facilities

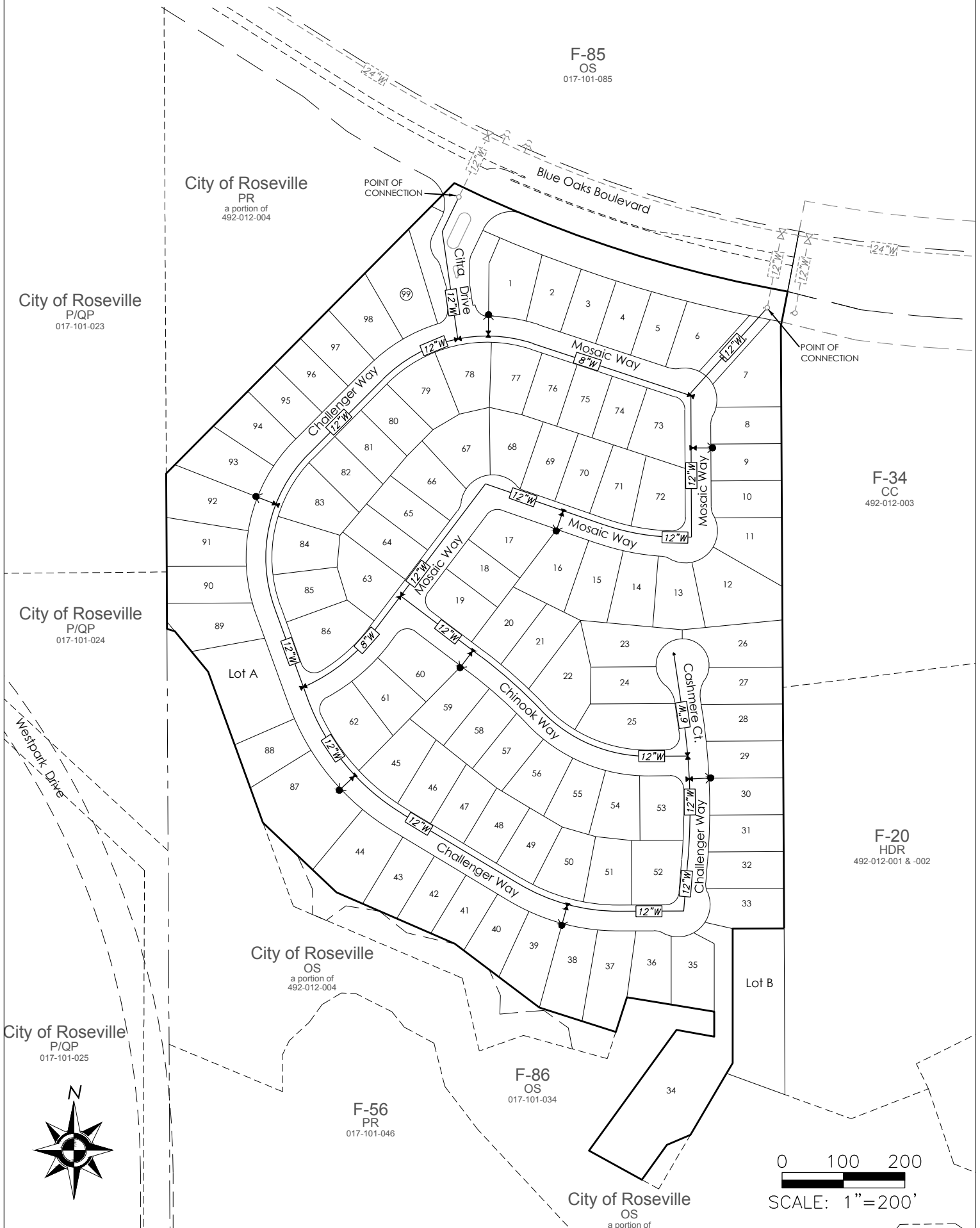


Exhibit I: Recycled Water Facilities

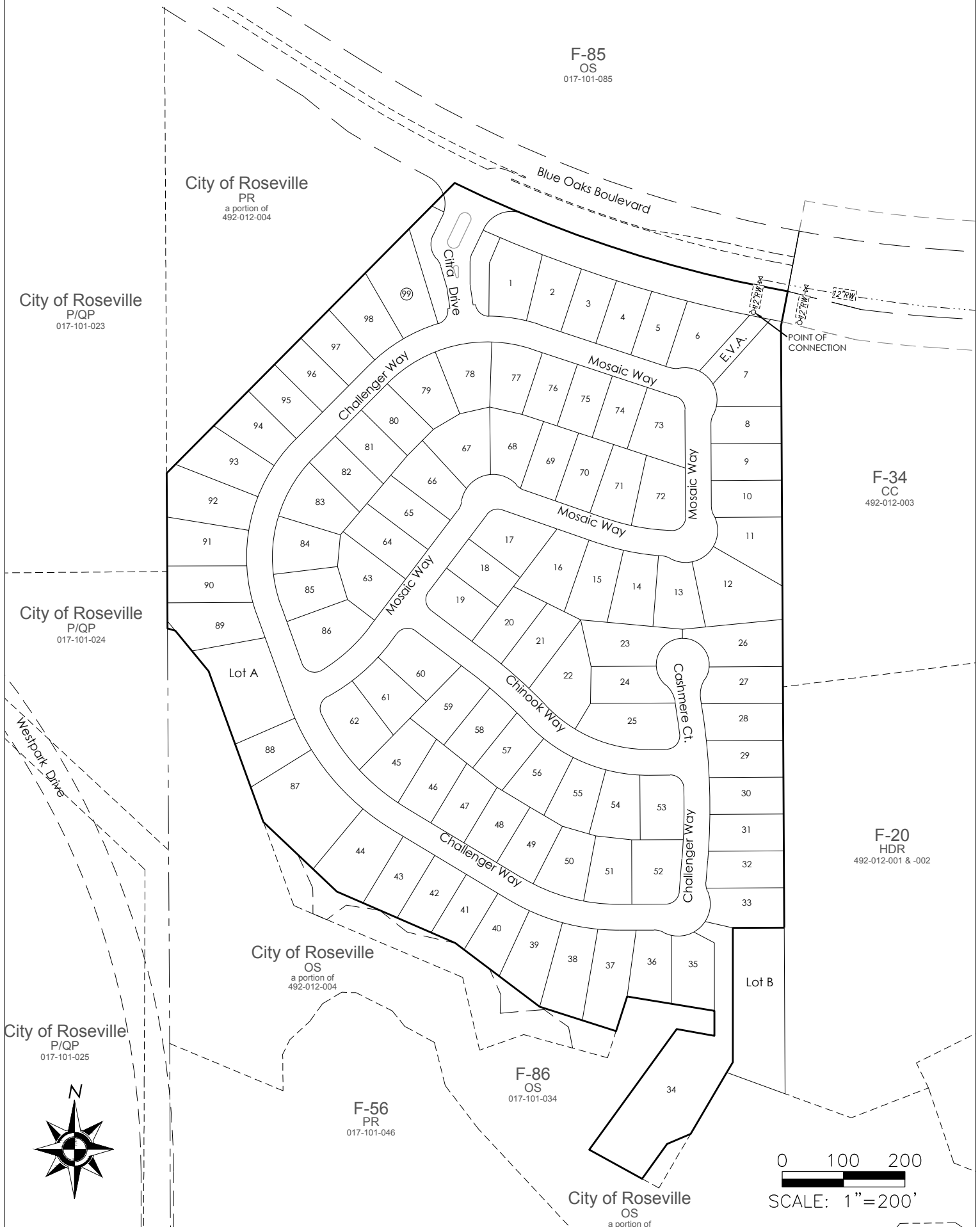


Exhibit J: Drainage Facilities

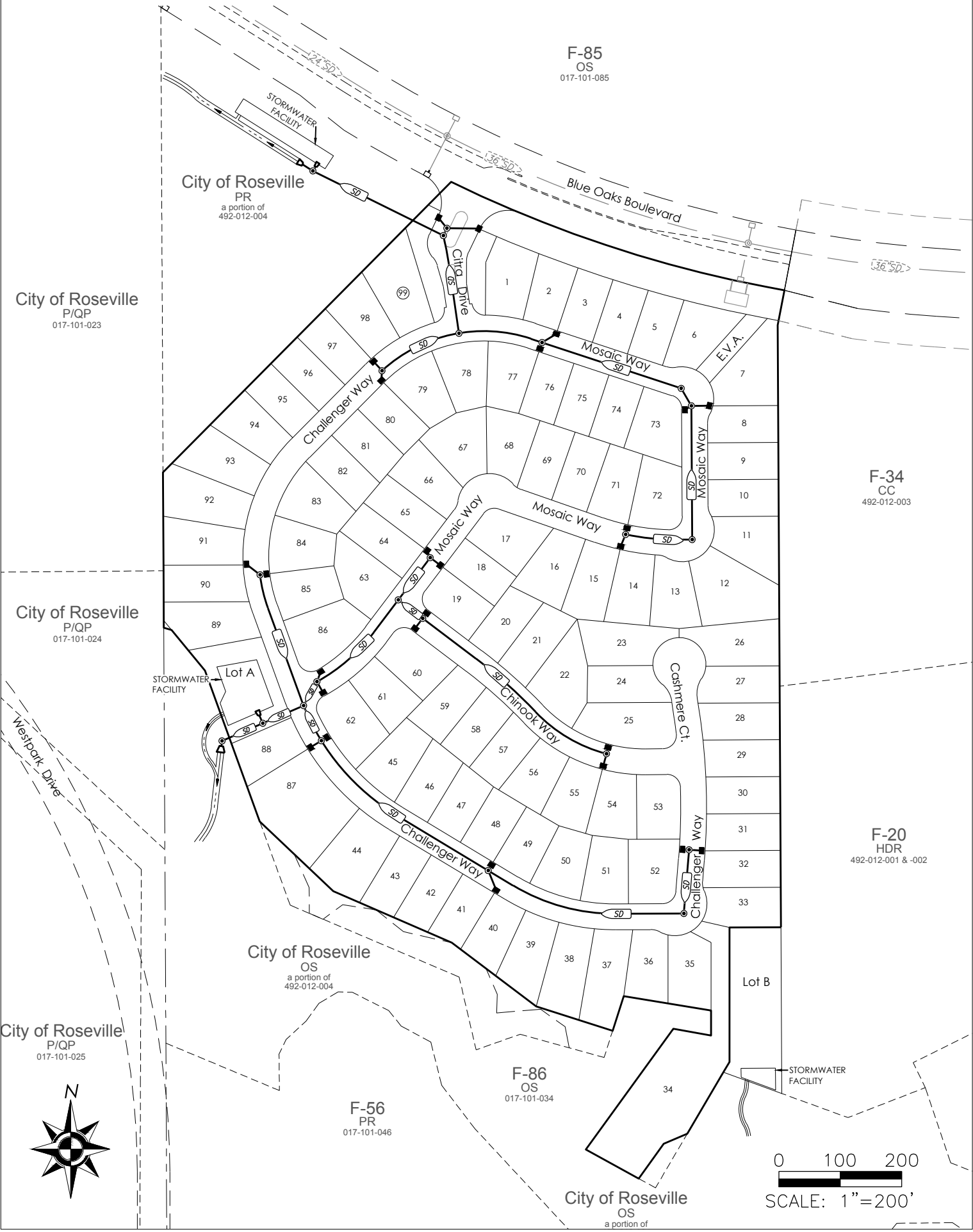


Exhibit K: Electric Utility Improvements

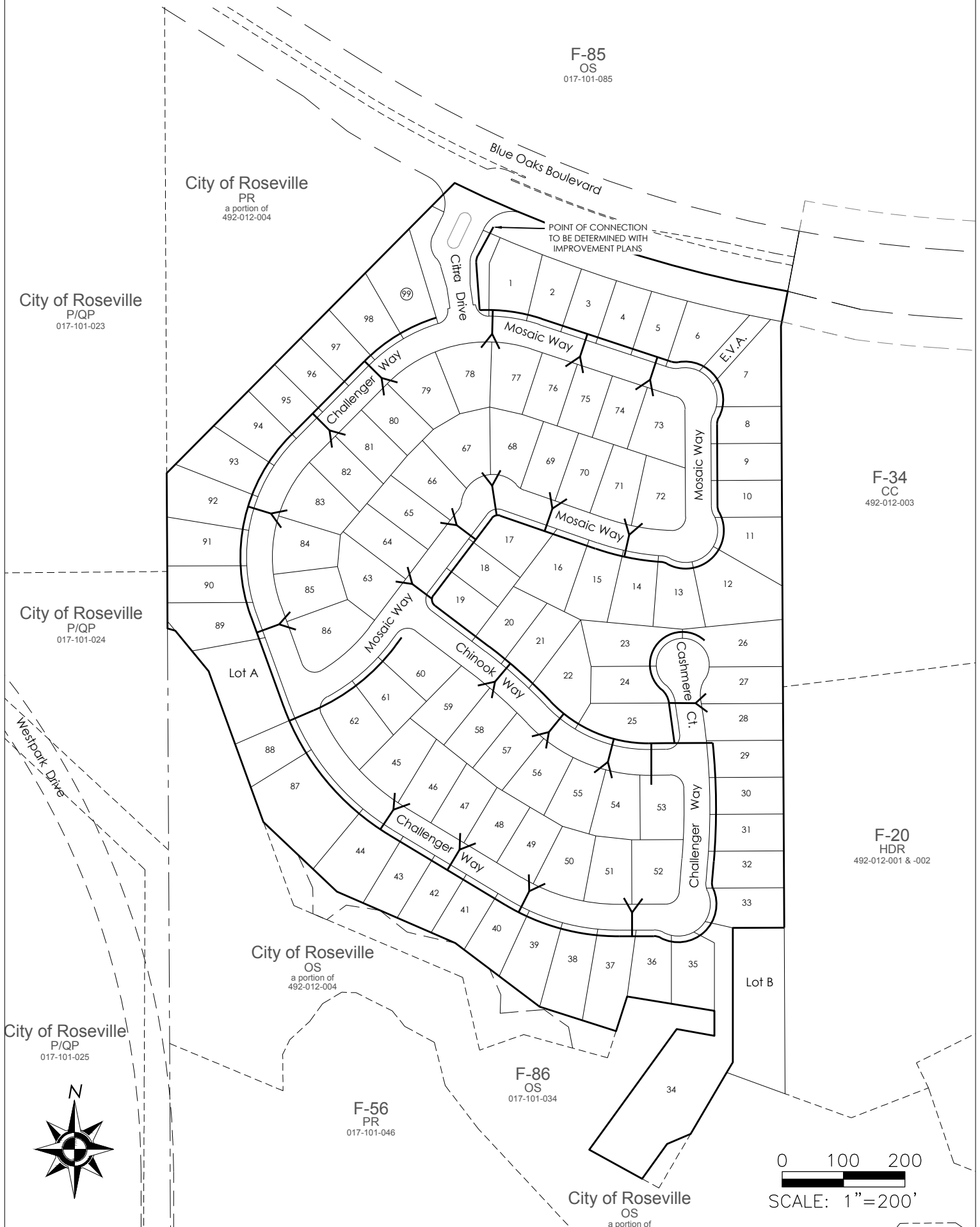


EXHIBIT L
SAMPLE ASSIGNMENT AND ASSUMPTION AGREEMENT

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: _____

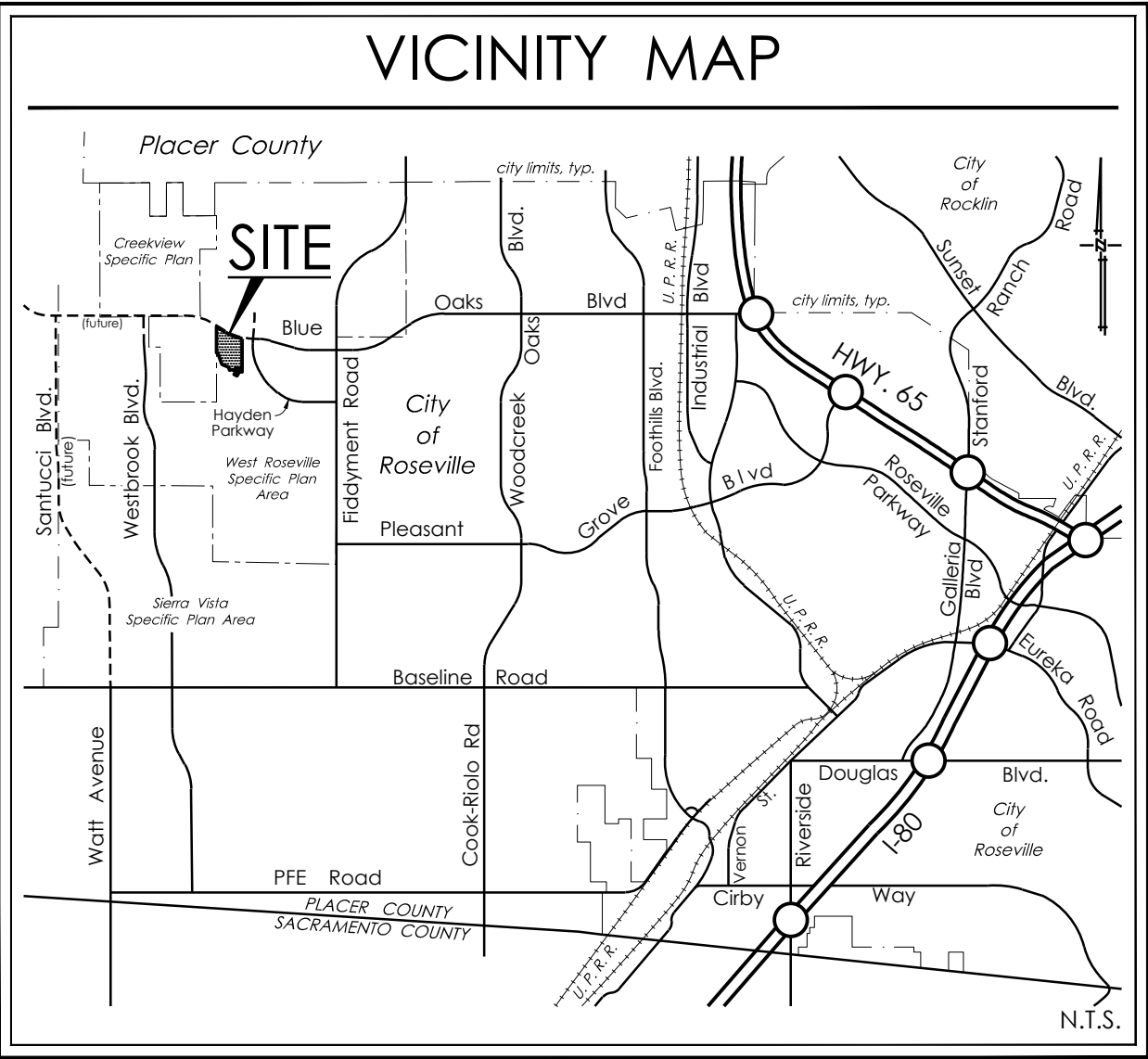
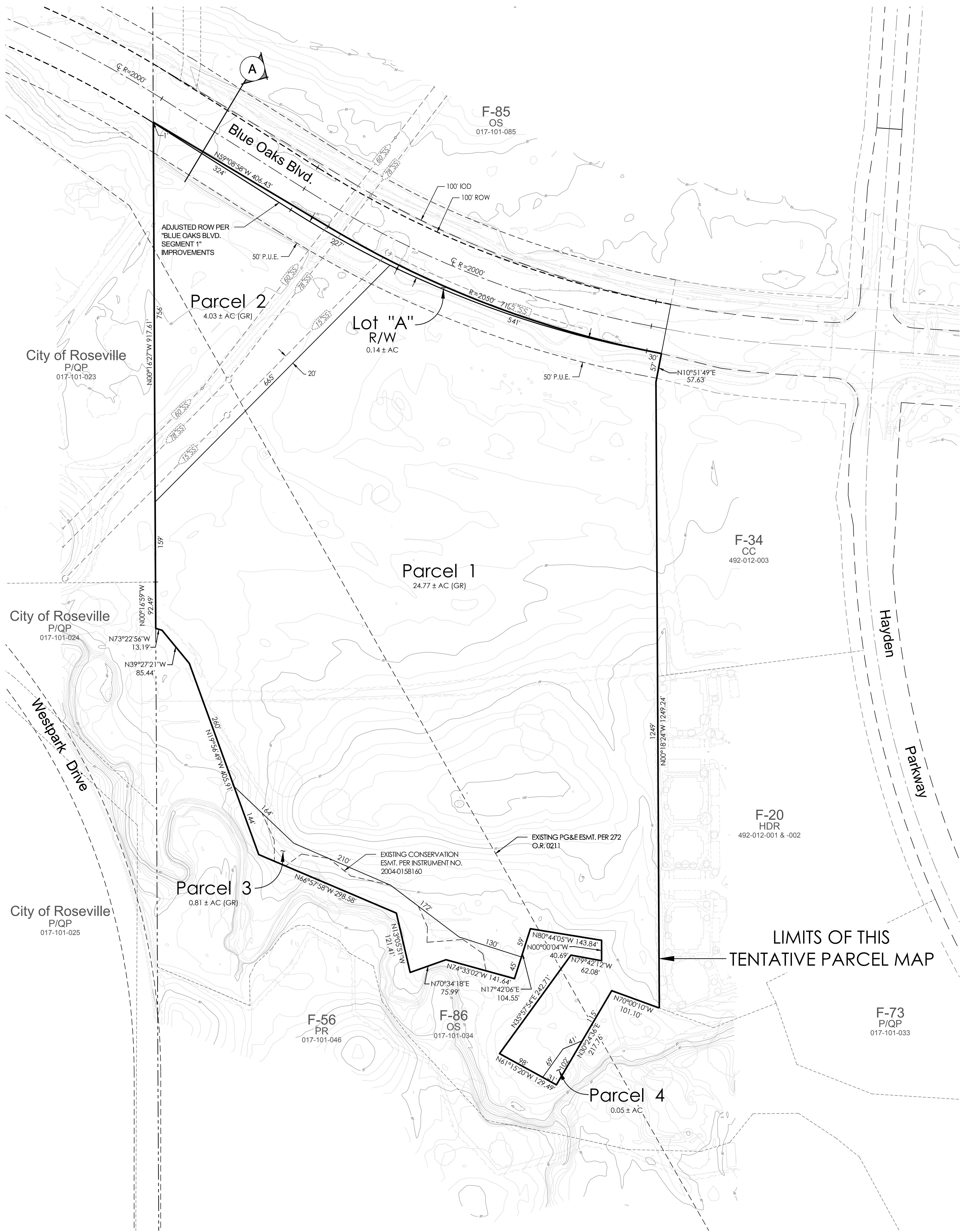
Title: _____

ASSIGNEE:

By: _____

Print Name: _____

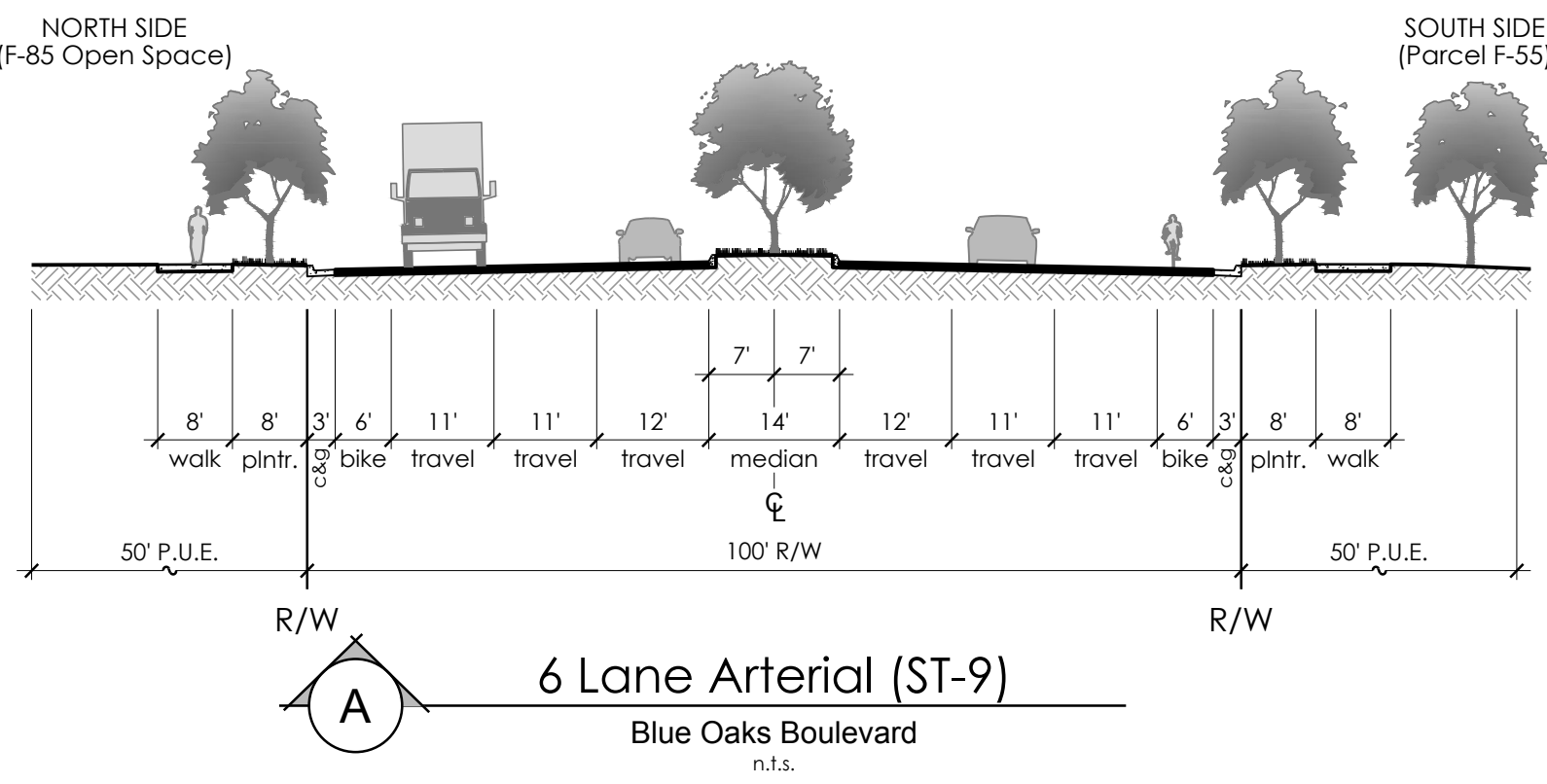
Title: _____



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.

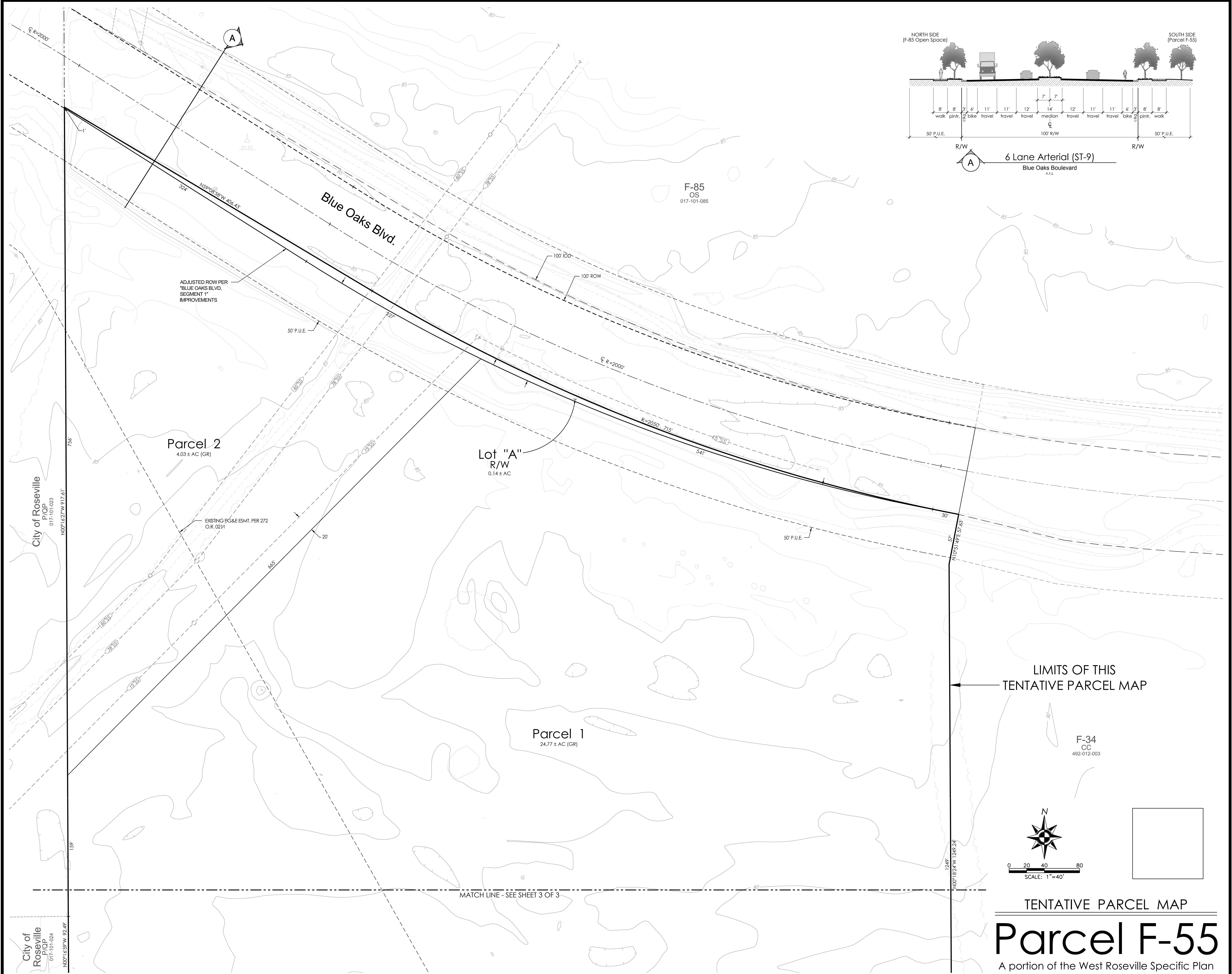
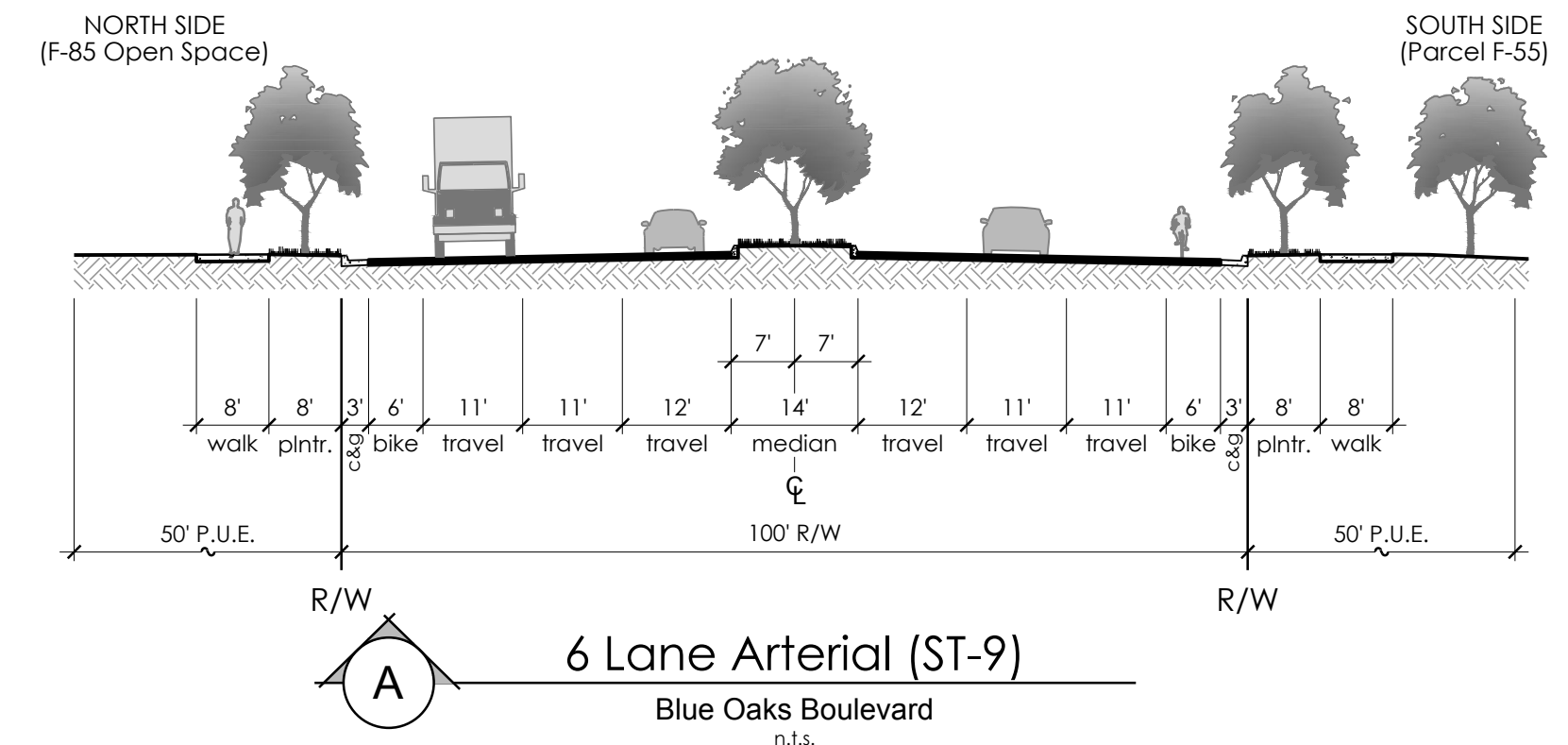
TENTATIVE PARCEL MAP INFORMATION	
APPLICANT:	West Roseville, LLC 1420 Rocky Ridge Drive, Suite 265 Roseville, CA 95661
ENGINEER:	MACKEY & SOMPS CIVIL ENGINEERS, INC. 1552 Eureka Road, Suite 100 Roseville, CA. 95661-3040 (916)773-1189
ASSESSOR'S PARCEL NUMBER:	492-012-004
TOTAL ACREAGE:	29.80 ± AC.
LAND 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.

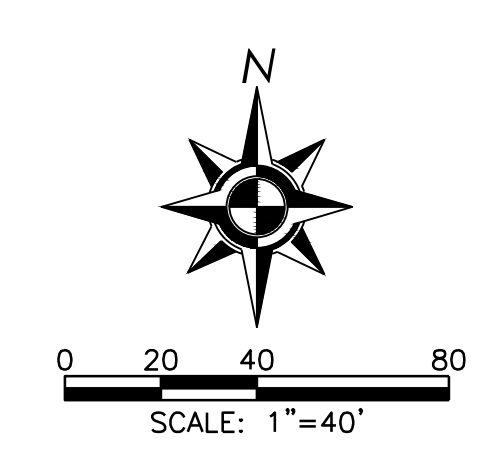


COVER SHEET
TENTATIVE PARCEL MAP
Parcel F-55
A portion of the West Roseville Specific Plan
Roseville, CA
December 11, 2019





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



City of Roseville
P/QP
017-101-025

Westpark Drive

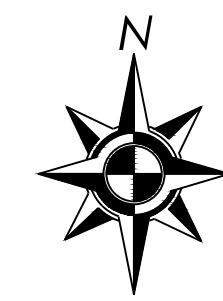
MATCH LINE - SEE SHEET 2 OF 3

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



TENTATIVE PARCEL MAP

Parcel F-55

A portion of the West Roseville Specific Plan

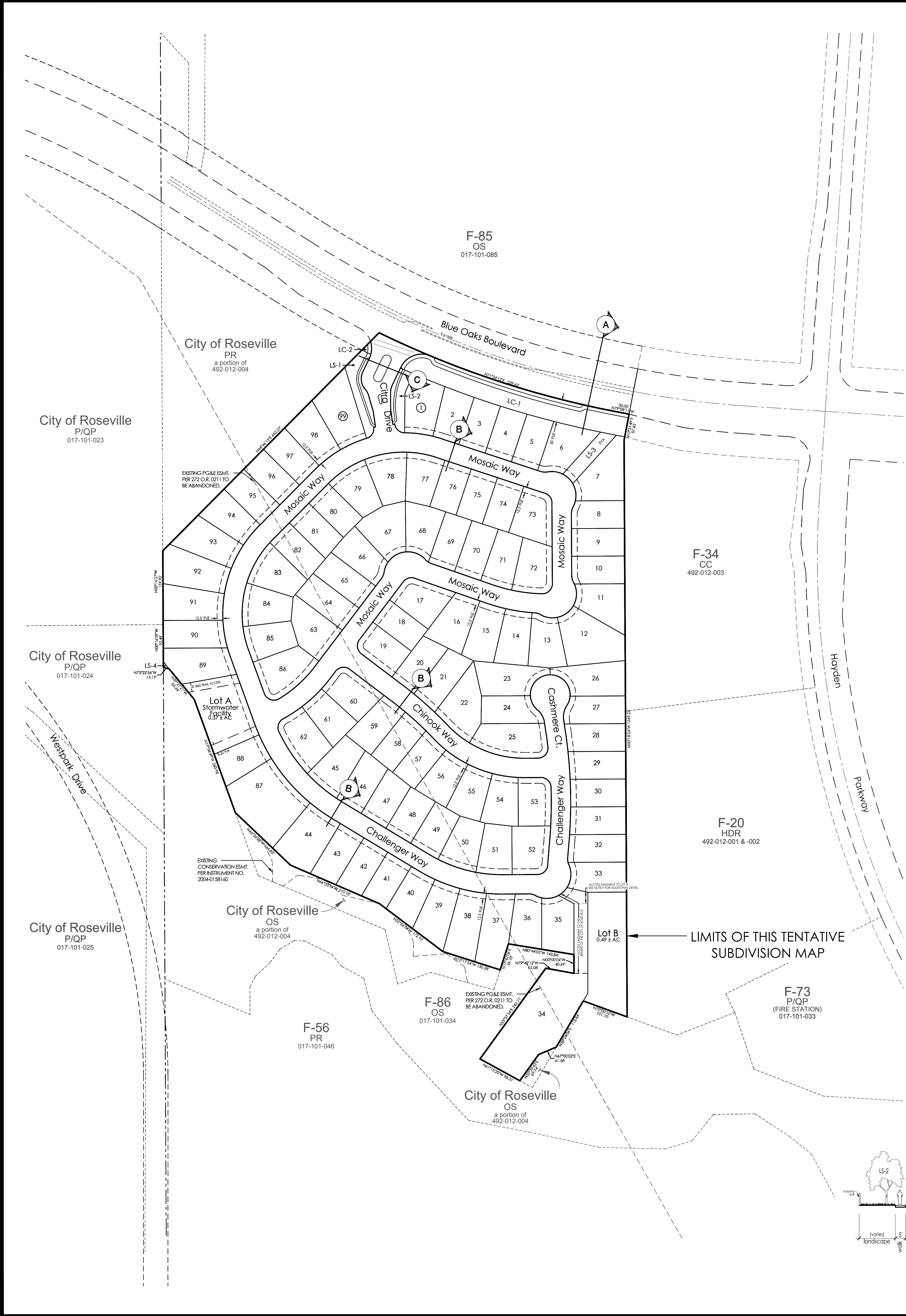
Roseville, CA December 11, 2019

WESTPARK
communities

MACKEY & SOMPS
 ENGINEERS PLANNERS SURVEYORS

Sheet 3 of 3

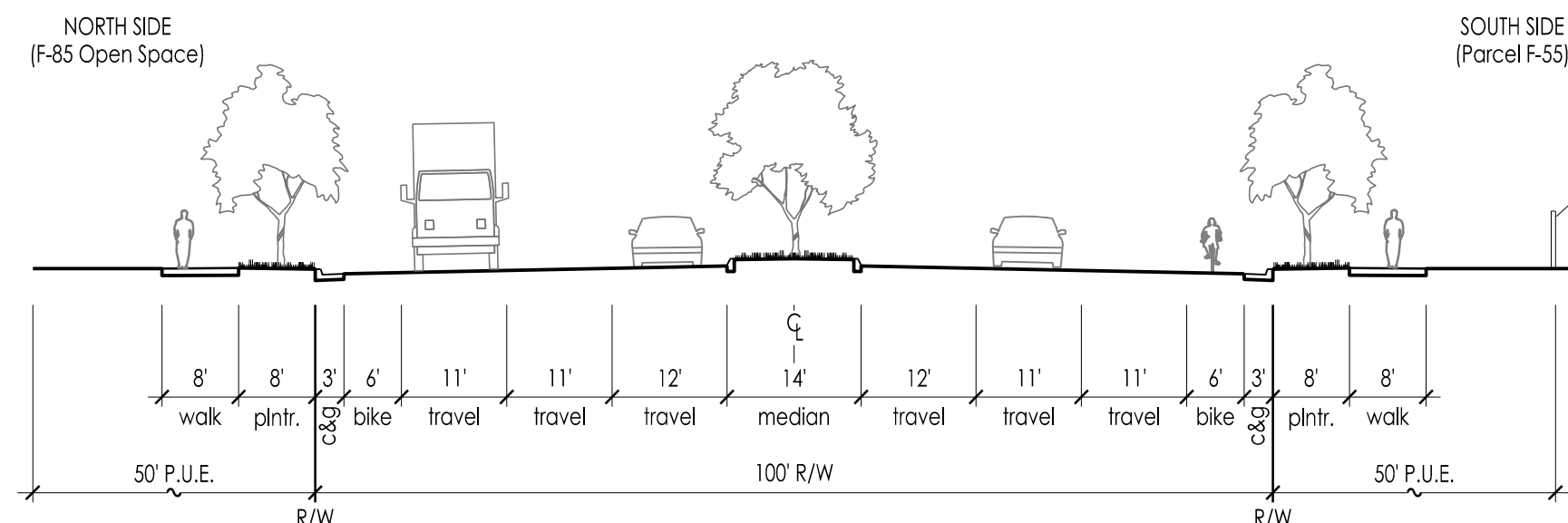
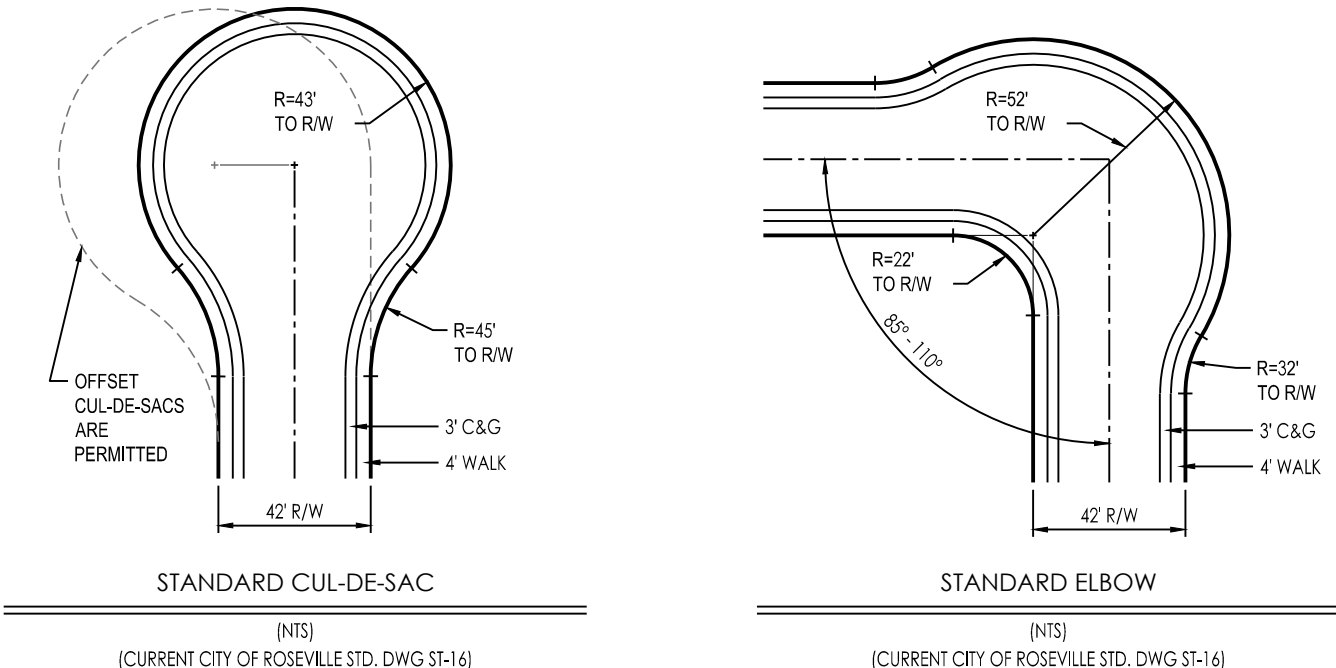
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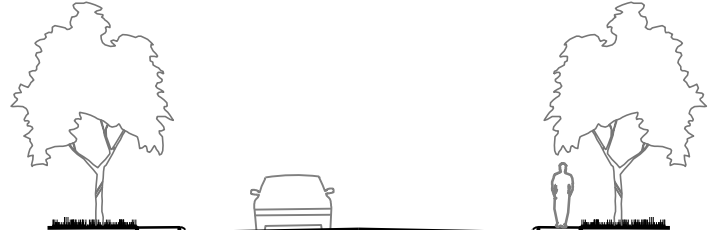
- TENTATIVE MAP NOTES**
1. PROPERTY DESCRIPTION: A portion the Designated Remainder, as shown on that certain map entitled "Final Map of Fiddymont Ranch Phase 2 Large Lot Subdivision No. 03-11," filed July 28, 2006, in Book 88 of Maps, at Page 24, in the Office of the Placer County Recorder.
 2. Lot 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 Public Easement (PUE) will be located adjacent to all rights-of-way unless otherwise noted.

PARCEL SUMMARY

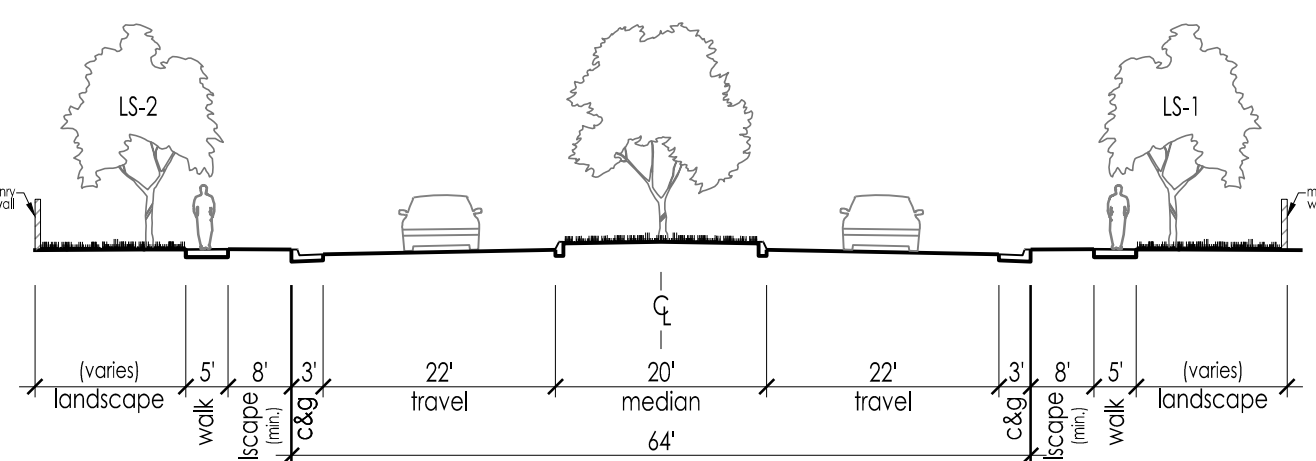
Parcel Summary				Landscape Lot Summary	
Parcel	Acres	Units	Lot Size (sq. ft.)	Parcel	Sq. Ft. (ac.)
F-55 (Residential Lots)	23.02 ac.	99 du	60' x 105'	LS-1	5,555.6 sf
Lot A (Stormwater Facility)	0.37 ac.	n/a	n/a	LS-2	3,920.4 sf
Lot B	0.49 ac.	n/a	n/a	LS-3	3,920.4 sf
subtotal	23.88 ac.	99 du		LS-4	73.6 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			



6 Lane Arterial (ST-9)
Blue Oaks Boulevard
n.t.s.



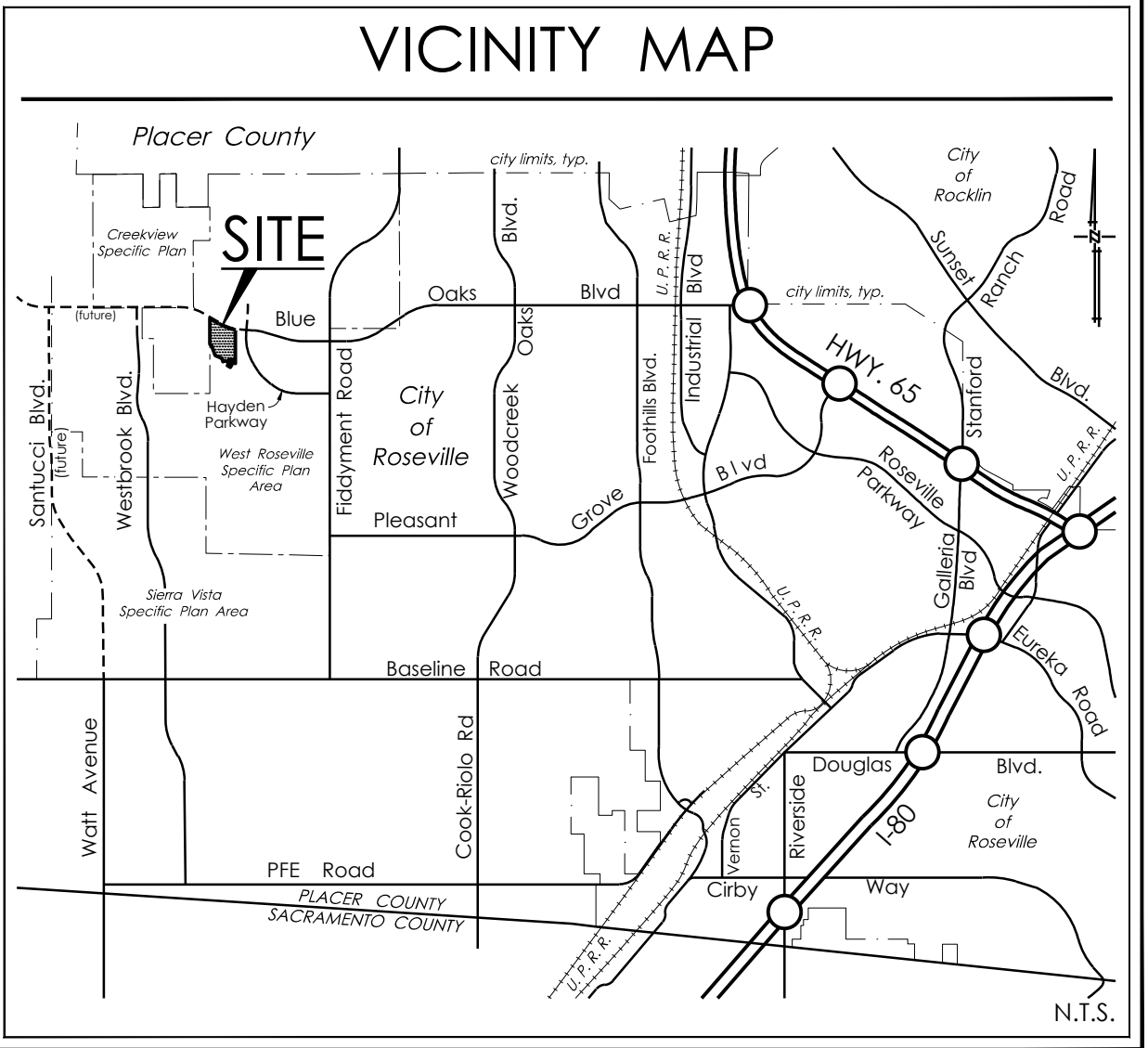
Minor Residential Streets
n.t.s.



Residential Entry
n.t.s.

TENTATIVE PARCEL MAP INFORMATION

APPLICANT:	West Roseville, LLC 1420 Rocky Ridge Drive, Suite 265 Roseville, CA 95661
ENGINEER:	MACKAY & SOMPS CIVIL ENGINEERS, INC. 1025 Creekside Ridge Drive, Suite 150 Roseville, CA. 95678-3575 (916)773-1189
SITE ADDRESS:	2401 Blue Oaks Boulevard Roseville, CA 95747
ASSESSOR'S PARCEL NUMBER:	A portion of 492-012-004
TOTAL ACREAGE:	24.77 ± AC.
LAND USE:	
Existing:	Parks and Recreation (PR)
Proposed:	Low Density Residential (LDR) & High Density Residential (HDR)
ZONING:	
Existing:	PR
Proposed:	R5/DS & R3
NUMBER OF LOTS / PARCELS:	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)
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



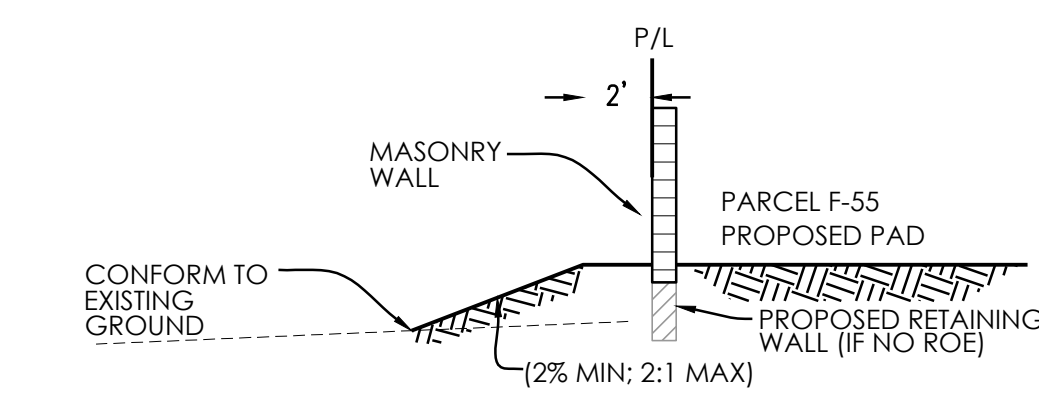
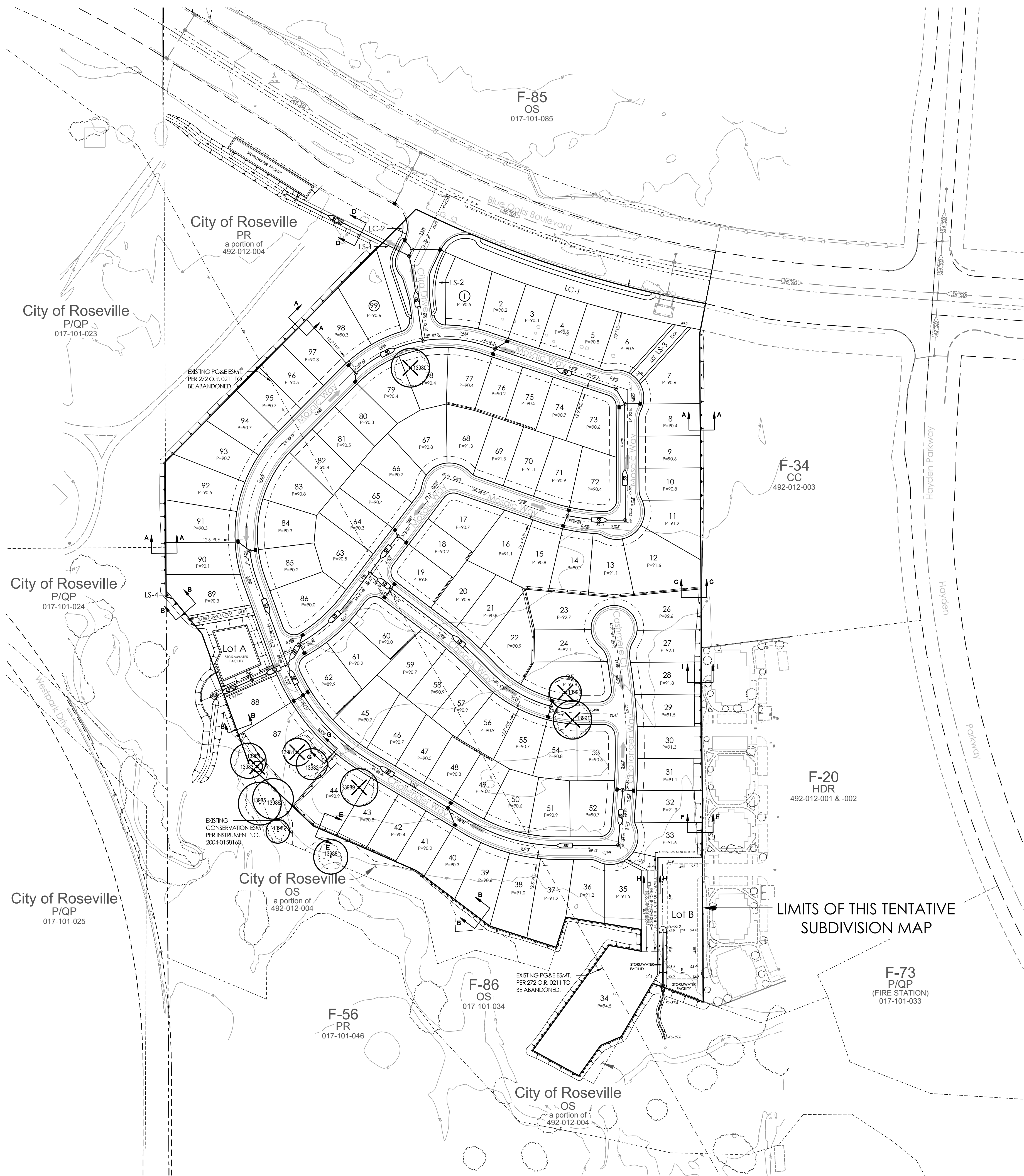
ABBREVIATIONS

LC-	LANDSCAPE CORRIDOR LOT
LS-	LANDSCAPE LOT
PUE	PUBLIC UTILITY EASEMENT
EVA	EMERGENCY VEHICLE ACCESS

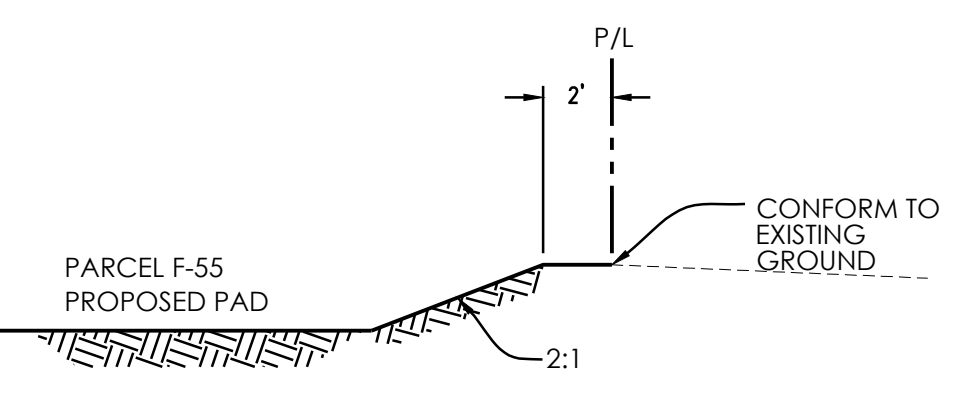
COVER SHEET
TENTATIVE SUBDIVISION MAP
Parcel F-55
A portion of the West Roseville Specific Plan

Roseville, CA December 11, 2019

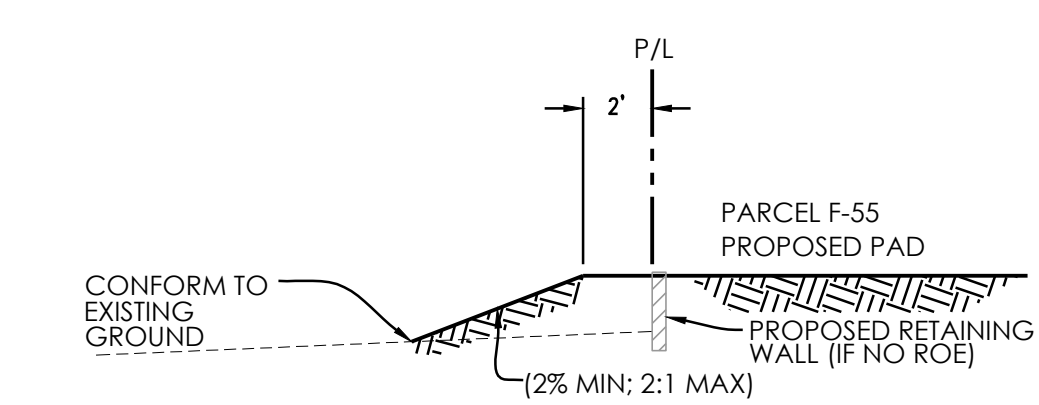




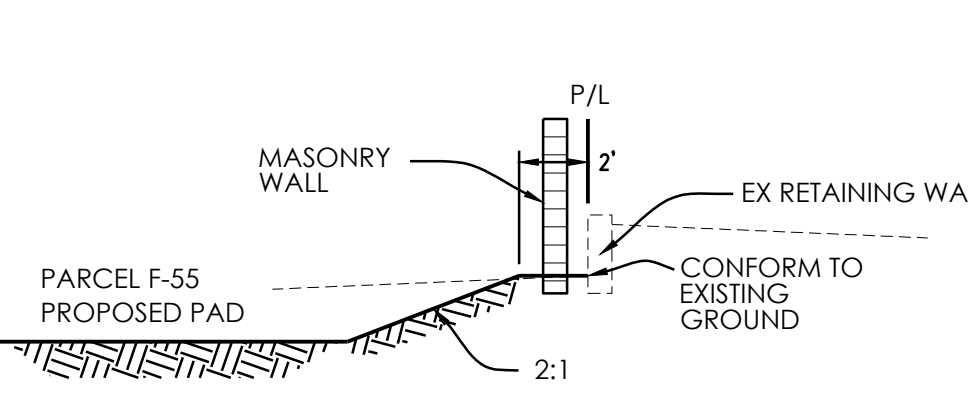
SECTION A-A
PROPERTY LINE
N.T.S.



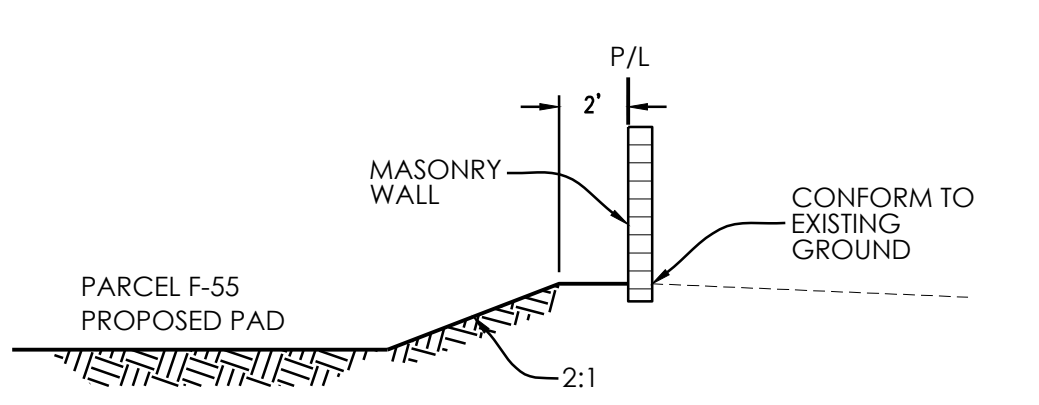
SECTION E-E
PROPERTY LINE
N.T.S.



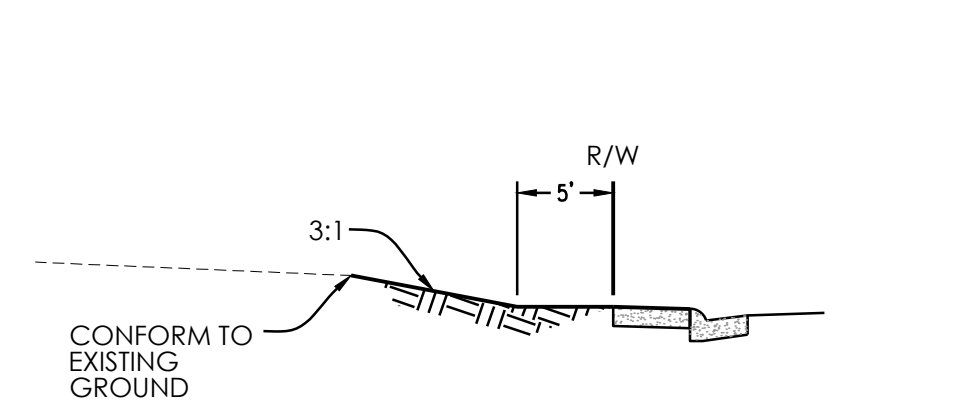
SECTION B-B
PROPERTY LINE
N.T.S.



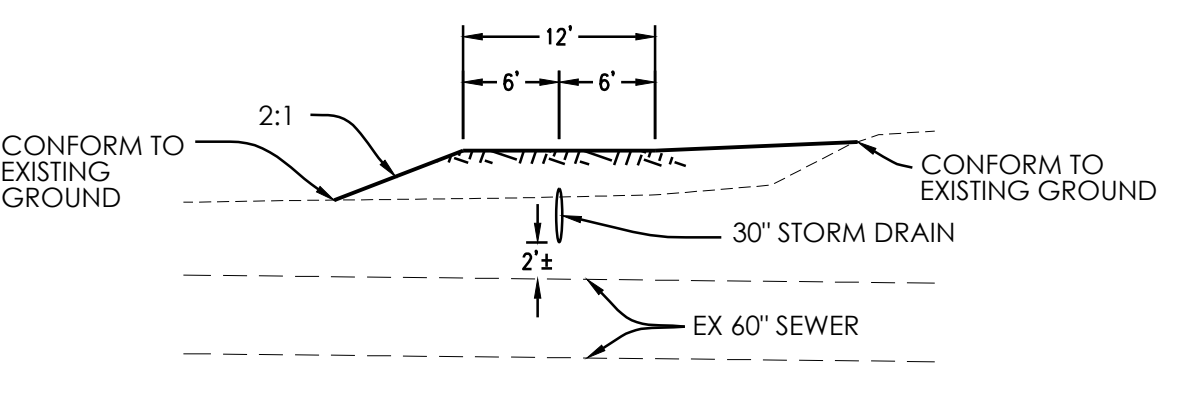
SECTION F-F
PROPERTY LINE
N.T.S.



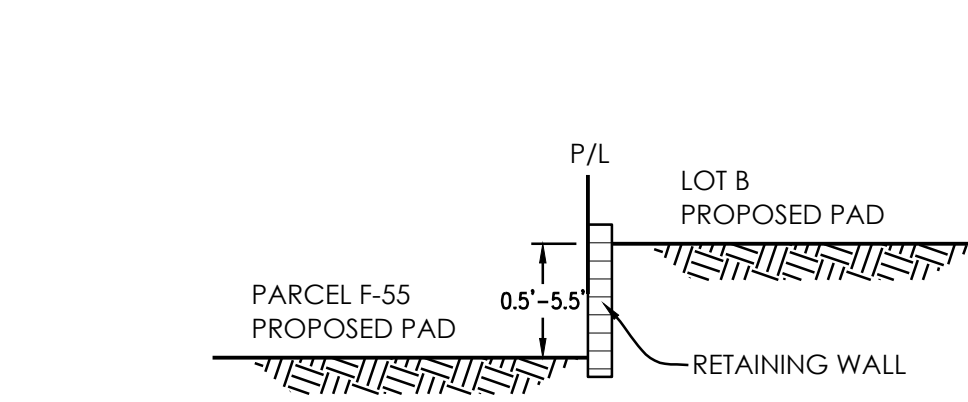
SECTION C-C
PROPERTY LINE
N.T.S.



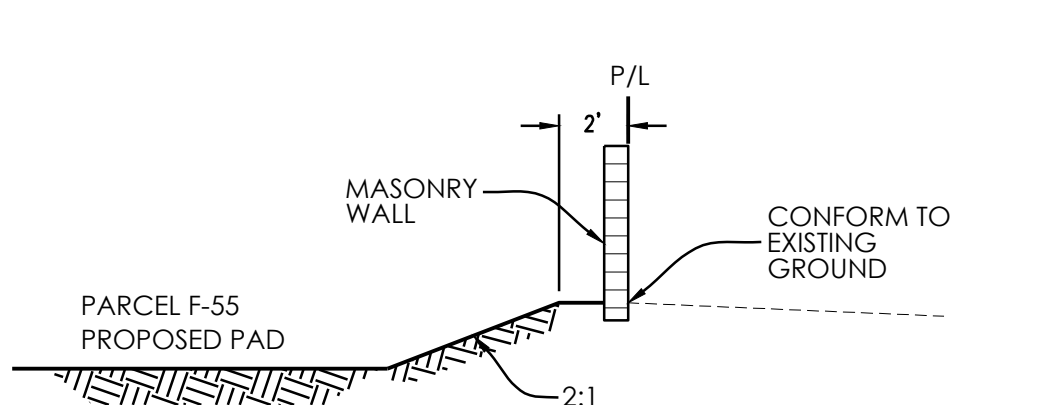
SECTION G-G
N.T.S.



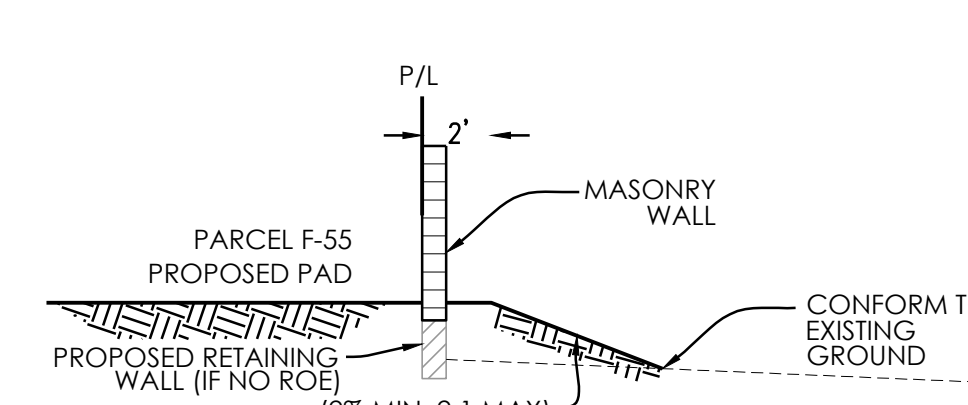
SECTION D-D
STORM DRAIN AND
EXISTING SEWER CROSSING
N.T.S.



SECTION H-H
PROPERTY LINE
N.T.S.



SECTION I-I
PROPERTY LINE
N.T.S.



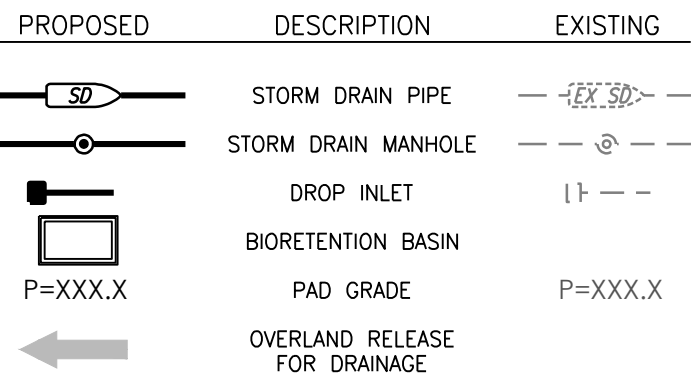
SECTION J-J
PROPERTY LINE
N.T.S.

TREE REMOVAL INFORMATION

• TREE # EXISTING OAK TREE - TO REMAIN
✕ TREE # PROPOSED FOR REMOVAL

Tree #	Common Name	Species	Multi-Stems (Inches)	Total DBH (Inches)	DLR (feet)	Disposition
13980	Valley Oak	Quercus Lobata		53	36	Removal
13981	Blue Oak	Quercus Douglasii		32	26	Conditional Removal
13982	Blue Oak	Quercus Douglasii		40	29	Retained with Encroachment
13983	Blue Oak	Quercus Douglasii		38	10	Removal
13984	Blue Oak	Quercus Douglasii		39	33	Retained with Encroachment
13989	Blue Oak	Quercus Douglasii		42	35	Removal
13990	Blue Oak	Quercus Douglasii		39	30	Removal
13991	Blue Oak	Quercus Douglasii		49	36	Removal
Subtotal of Tree Removals (5):				221		
Subtotal of Conditional Tree Removals (1):				32		
Subtotal of Tree Encroachments (2):				79		
Total Affected Trees (8):				332		

LEGEND

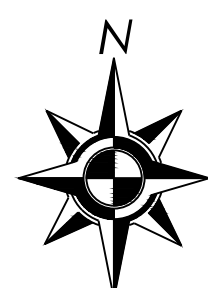


ESTIMATED EARTHWORK SUMMARY

CUT: 74,000 c.y.
FILL: 74,000 c.y.
NET: 0 c.y.

ABBREVIATIONS

- LC- LANDSCAPE CORRIDOR LOT
- LS- LANDSCAPE LOT
- PUE PUBLIC UTILITY EASEMENT
- EVA EMERGENCY VEHICLE ACCESS



SCALE: 1"=100'

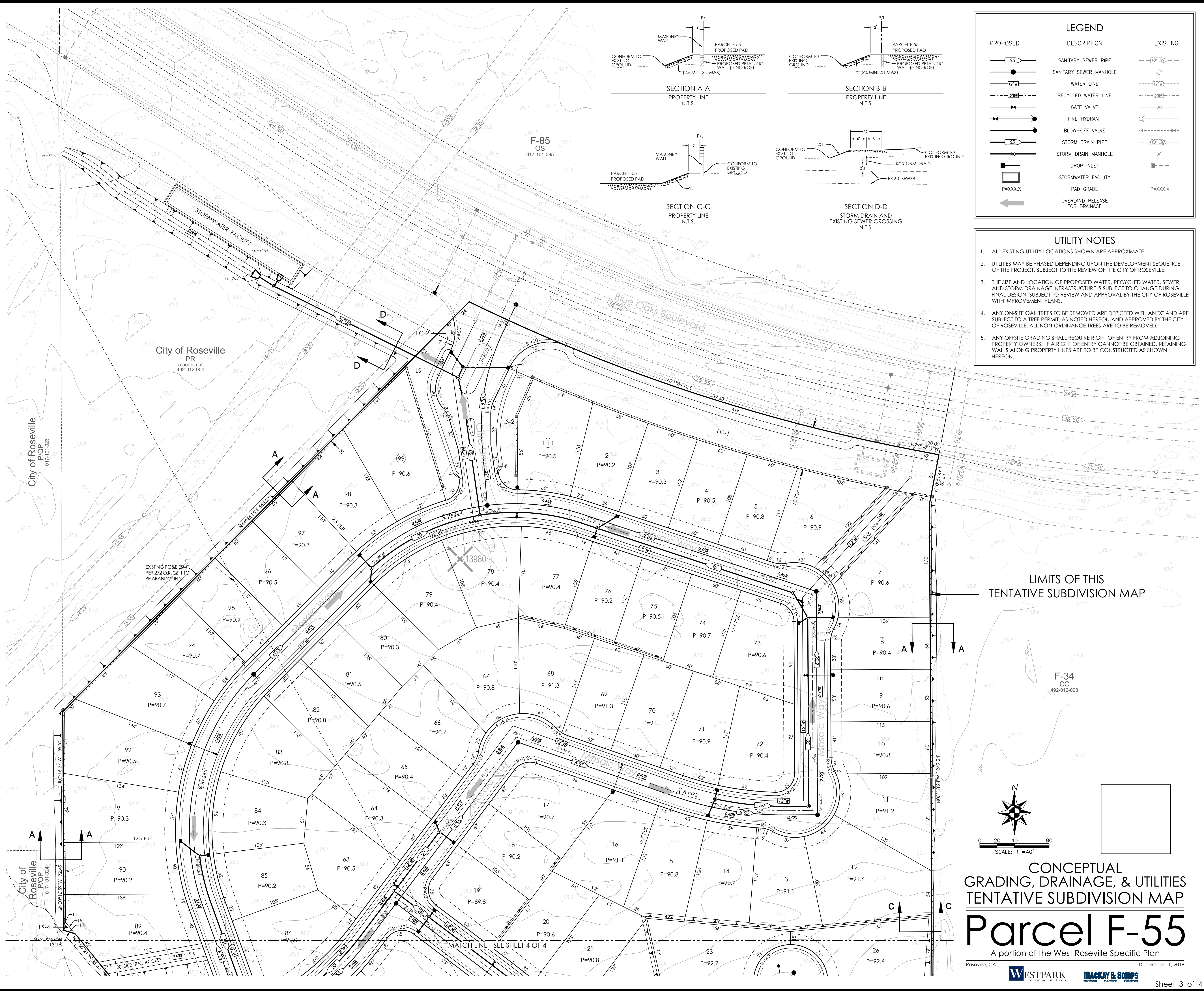
CONCEPTUAL GRADING & DRAINAGE TENTATIVE SUBDIVISION MAP

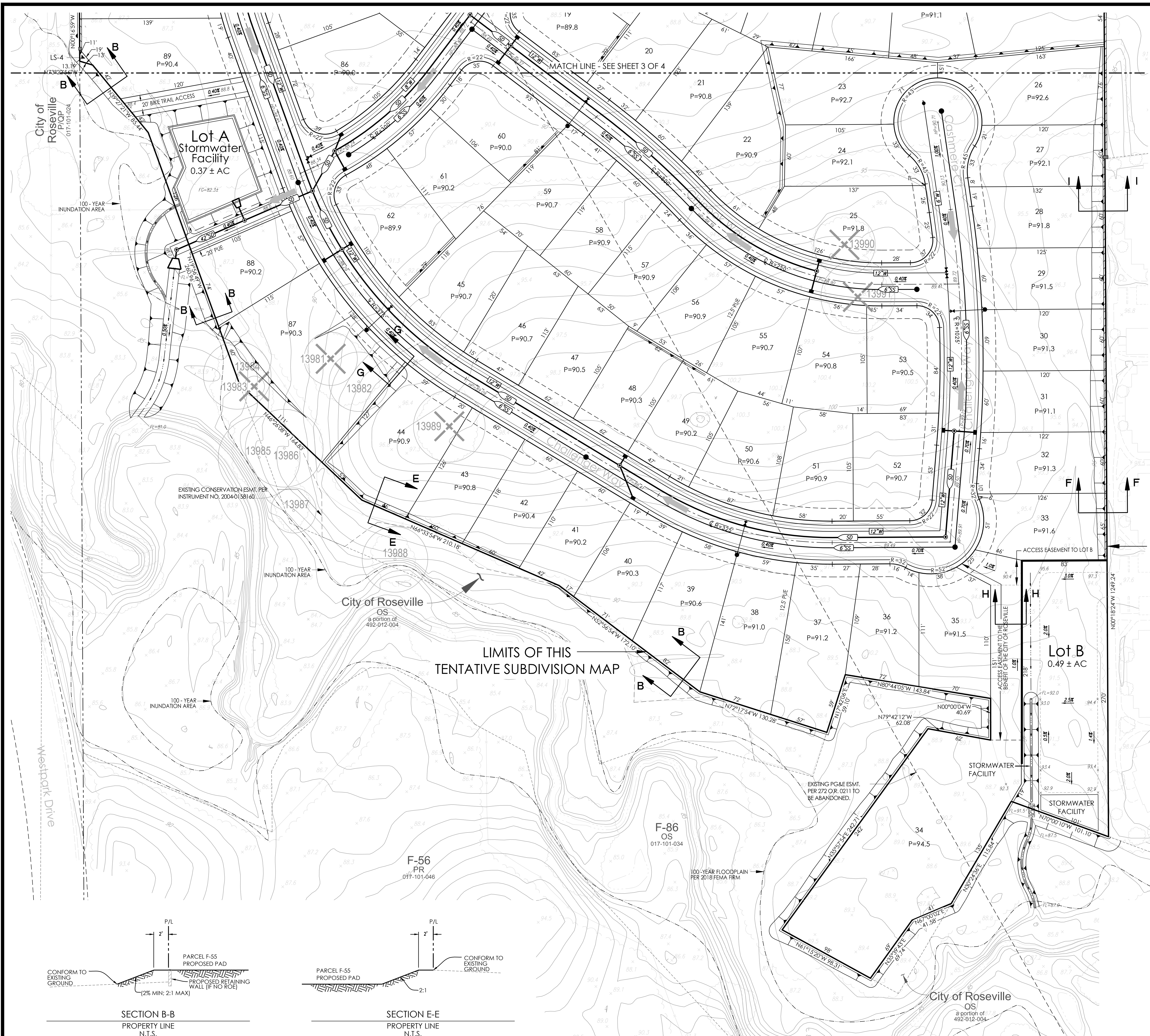
Parcel F-55

A portion of the West Roseville Specific Plan

Roseville, CA December 11, 2019





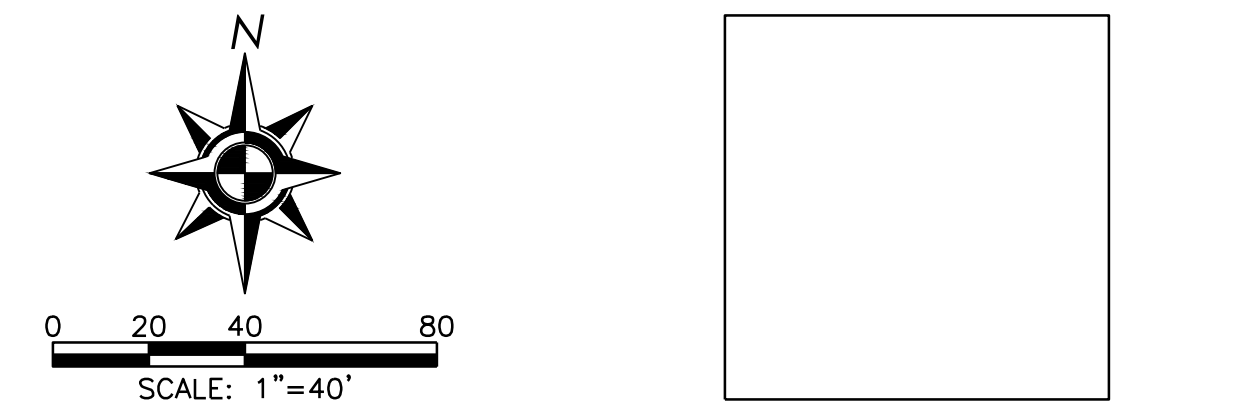


LEGEND		
PROPOSED	DESCRIPTION	EXISTING
	SANITARY SEWER PIPE	
	SANITARY SEWER MANHOLE	
	WATER LINE	
	RECYCLED WATER LINE	
	GATE VALVE	
	FIRE HYDRANT	
	BLOW-OFF VALVE	
	STORM DRAIN PIPE	
	STORM DRAIN MANHOLE	
	DROP INLET	
	STORMWATER FACILITY	
	PAD GRADE	
	OVERLAND RELEASE FOR DRAINAGE	

- UTILITY NOTES
- ALL EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE.
 - UTILITIES MAY BE PHASED DEPENDING UPON THE DEVELOPMENT SEQUENCE OF THE PROJECT, SUBJECT TO THE REVIEW OF THE CITY OF ROSEVILLE.
 - THE SIZE AND LOCATION OF PROPOSED WATER, RECYCLED WATER, SEWER, AND STORM DRAINAGE INFRASTRUCTURE IS SUBJECT TO CHANGE DURING FINAL DESIGN, SUBJECT TO REVIEW AND APPROVAL BY THE CITY OF ROSEVILLE WITH IMPROVEMENT PLANS.
 - ANY ON-SITE OAK TREES TO BE REMOVED ARE DEPICTED WITH AN "X" AND ARE SUBJECT TO A TREE PERMIT, AS NOTED HEREON AND APPROVED BY THE CITY OF ROSEVILLE. ALL NON-ORDINANCE TREES ARE TO BE REMOVED.
 - ANY OFFSITE GRADING SHALL REQUIRE RIGHT OF ENTRY FROM ADJOINING PROPERTY OWNERS. IF A RIGHT OF ENTRY CANNOT BE OBTAINED, RETAINING WALLS ALONG PROPERTY LINES ARE TO BE CONSTRUCTED AS SHOWN HEREON.

LIMITS OF THIS TENTATIVE SUBDIVISION MAP

F-20 HDR
492-012-001 & -002



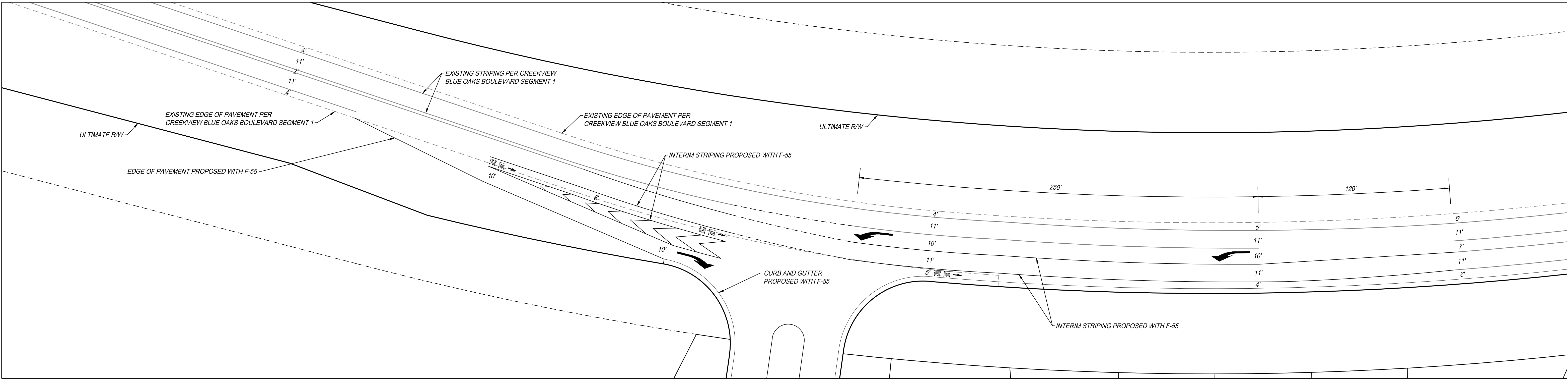
CONCEPTUAL
GRADING, DRAINAGE, & UTILITIES
TENTATIVE SUBDIVISION MAP

Parcel F-55

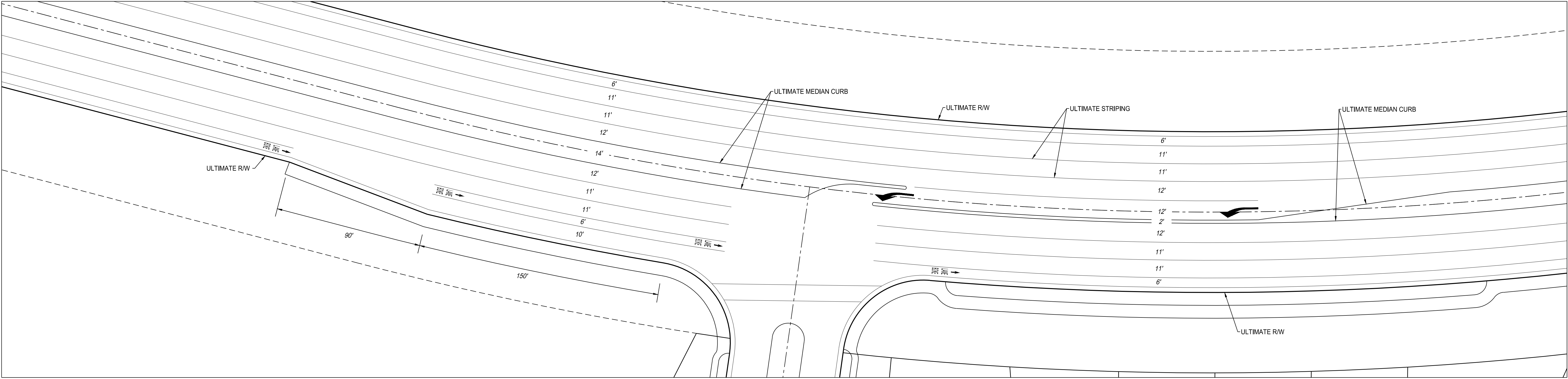
A portion of the West Roseville Specific Plan

Roseville, CA December 11, 2019

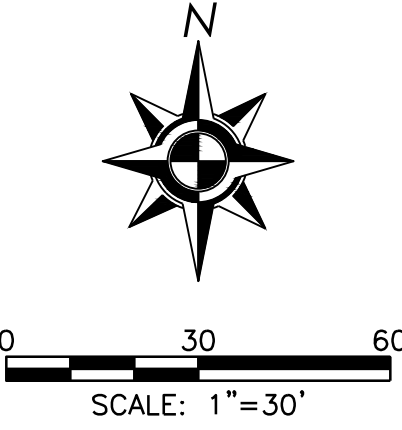
WESTPARK COMMUNITIES MACKAY & SOMPS INCORPORATED PLANNERS & SURVEYORS



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



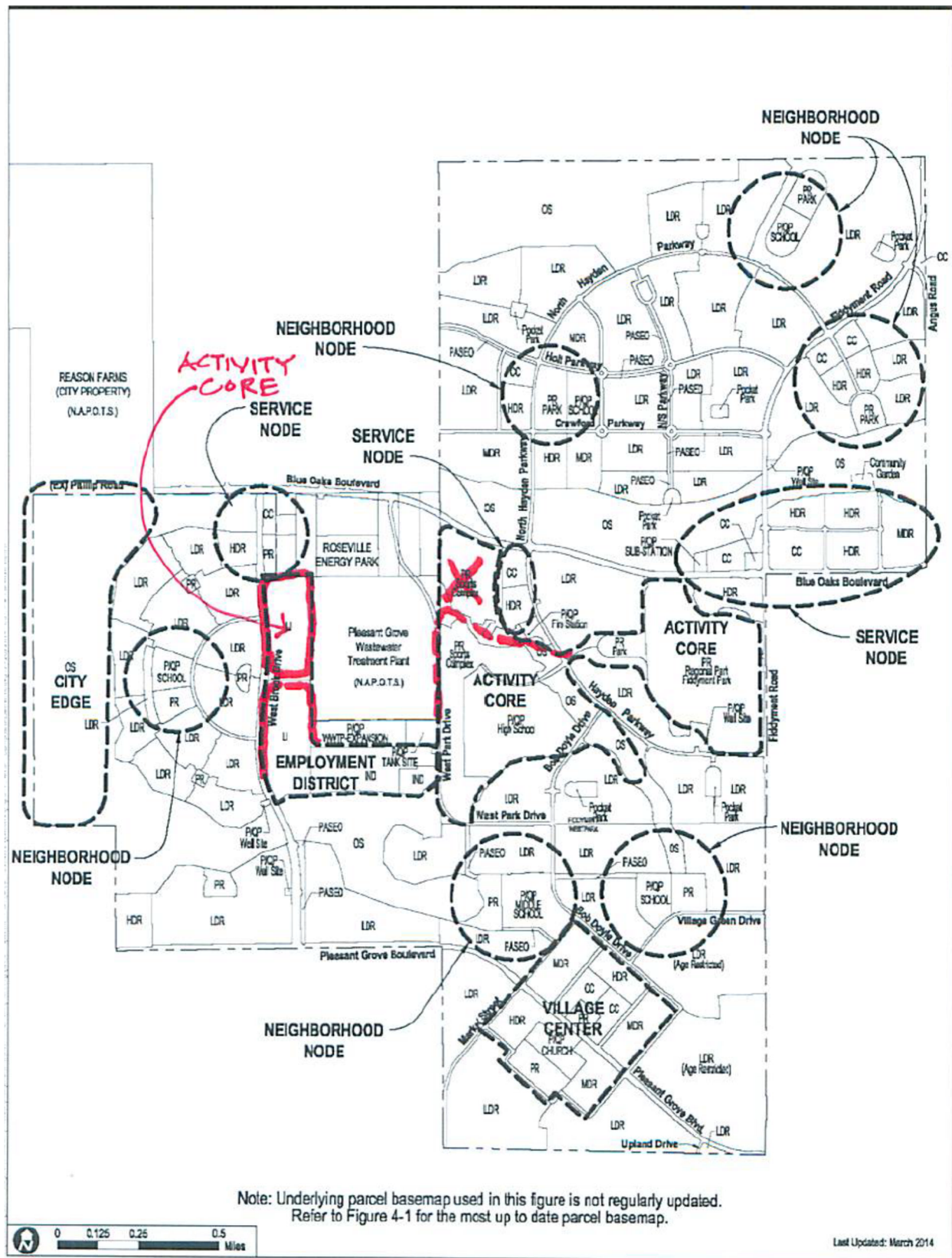
West Roseville Specific Plan

REDLINED CHANGE PAGES

Amendments for
Parcels F-55 & W-60A

Public Hearing Draft
February 19, 2020

Figure 3-1: Composite of WRSP Form Elements [REVISED FIGURE]



□ 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

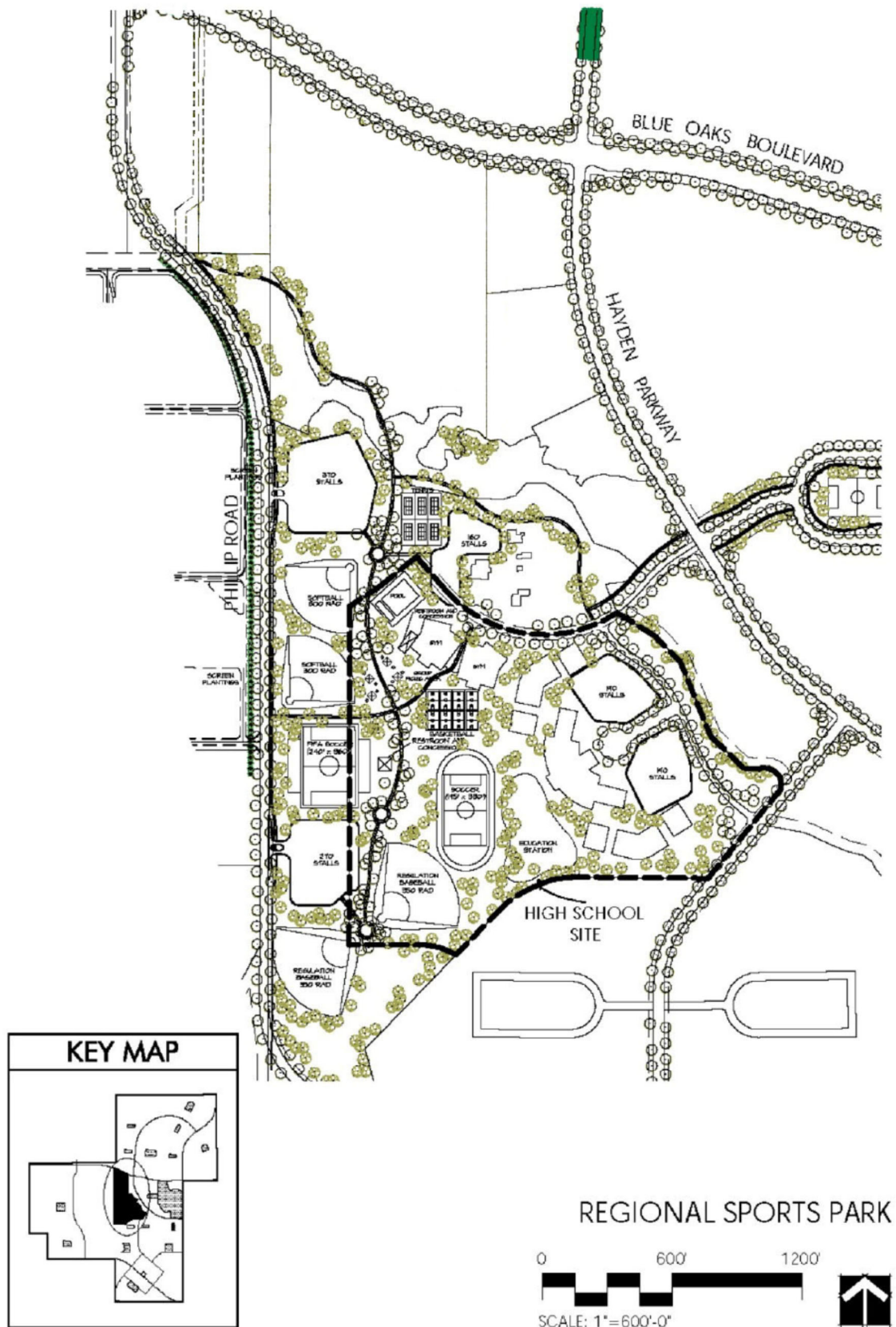
The WRSP includes ~~three~~ two city-wide parks, F-54, ~~and the F-55 & F-56, and W-60A~~. These parks, combined with the adjacent high school site, form the WRSP Activity Core as described in Community Form and Planning Principles, Section 3. Strong interconnectivity between these facilities is important 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~~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]

