



Improvement / Grading Submittal Sheet

FOR STAFF USE ONLY

Address the submittal package to:

Administrative Assistant
City of Rohnert Park
Development Services – Development Engineering Division
130 Avram Avenue
Rohnert Park, CA 94928

Permit No.: _____
Deposit Fee: \$ _____
Received by: _____

Print clearly and legibly. Fill in all applicable sections. Only complete submittals will be accepted. Any questions, contact the Development Engineering Division at (707) 588-2232 or engineering@rpcity.org.

Description of work: _____

Work Site Address: _____

Applicant / Permittee Information

Name: _____ Company: _____
Address: _____ City, State, Zip: _____
Phone No.: _____ Cell No.: _____ E-Mail: _____

Engineer/Surveyor Information

Company Name: _____ Contact Person: _____
Address: _____ City, State, Zip: _____
Phone No.: _____ Cell No.: _____ E-Mail: _____

Contractor Information (Can be submitted at later date. Must be received prior to permit issuance.)

Company Name: _____ Contact Person: _____
Address: _____ City, State, Zip: _____
Phone No.: _____ E-Mail: _____ Contractor License #: _____

This submittal package will include the review by the Engineering, Public Safety, Public Works, Planning and Building Divisions. All other submittals for review shall be by the applicant to the required agencies.

Improvement/Grading Plans Checklist

- 8 Improvement/Grading Plans including Landscape Plans (cut and fill quantities must be on front page)
- 1 Electronic copy of plans in PDF Format
- 3 Engineer's Estimate of Project
- 1 City of Santa Rosa Storm Water Determination Form
- 1 *Improvement/Grading Plan Check Initial Deposit Fee
- 1 Reimbursement Obligation

Supplemental Items

- 2 Street Structural Calculations (if required)
- 2 Geotechnical Report/R-Value (if required)
- 3 Traffic Report (if required)
- 3 Noise Study (if required)
- 2 Soils Report (if required)
- 3 Arborist's Report (if trees removed)
- 1 Sewer Connection Calculations (if required)
- 1 Water Connection Calculation (if required)

Recycled Water Connection Improvement Plans

- 2 Improvement Plans (using the Recycled Water Guidelines)
- 2 Engineer's Estimate

Contractor

- 1 Proof of Rohnert Park Business License
- 1 Copy of Contractor State License
- 1 Copy of current insurance

Submitted by: _____ **Date:** _____

Notes:

1. *Plan Check Initial Deposit Fee is due with the first submittal.
2. The submittal package will be rejected if incomplete.
3. Include this Submittal Sheet with your 1st submittal
4. Grading Permits are issued by the City Engineer's office on a City standard Building Permit form
5. After City Engineers initial review, an additional Inspection Initial Deposit fee will be collect. This fee will be based on 1.5% of applicant submitted Engineers Estimate (per Development Engineering Fee Schedule). Unused fees will be returned to applicant.
6. *Time-and-materials charged against deposit (per Rohnert Park Municipal Code, Chapter 3.32).
7. If applicant has already submitted plans for a building permit, only 3 more sets of grading/improvement plans are required



FOR CITY USE ONLY

Application #: _____
Deposit Amount \$ _____
Check # _____ Staff: _____

City of Rohnert Park Development Services
Acknowledgement of Reimbursement Obligation for
Payment of Full Cost Recovery Fees for Application Processing and Inspection Services
(Not required for flat fee applications)

This Reimbursement Obligation is by and between _____, hereafter "Financially Responsible Party," and the City of Rohnert Park, hereafter "City."

Check here if Financially Responsible Party is the same as Applicant shown on the Application
Check here if Financially Responsible Party is also Property Owner shown on the Application

Name: _____ Firm Name: _____
Title: _____ Address: _____
Phone No. _____ City: _____
E-mail address _____ State, Zip _____

PROJECT NAME/DESCRIPTION: _____
PROPERTY ADDRESS: _____

The Financially Responsible Party hereby represents that he/she personally owns the subject property, or is an entity authorized to install and maintain facilities for provision of utility, telecommunications, video, voice or data transmission service in the public street right of way, or is a duly authorized agent of the Owner with full authority to execute the Obligation on behalf of the Owner.

The Financially Responsible Party acknowledges and agrees to pay to the City an initial deposit which shall be placed in a refundable deposit account and shall be used to defray all processing costs incurred by the City that are associated with this project. Reimbursable costs include, but are not limited to, all items within the scope of the City's adopted Cost Recovery Ordinance (*Rohnert Park Municipal Code, Chapter 3.32 - Cost Recovery—Fee and Service Charge System*) as well as the actual and administrative costs of retaining professional and technical consultant services and any services necessary to perform functions related to review and processing of the application and monitoring of the work. The rate for such services will be established in a manner consistent with existing City practices.

Financially Responsible Party acknowledges and agrees that additional deposits may be required while the application is processed, in such amounts and at such times as the City deems necessary to cover the City's incurred and projected processing costs. If the processing costs exceed or are reasonably expected to exceed the initial or existing deposit, the City may request the Financially Responsible Party to pay additional funds to maintain a deposit account balance. Financially Responsible Party shall pay all requested additional deposits within ten (10) days of the date of a written request from City. City at its sole discretion may cease permit processing and suspend further activity on a project until all processing costs have been paid in full and/or all requested deposits are made. The payment and acceptance of requested deposits does not constitute an approval of permits, entitlements or authorizations to begin work.

Financially Responsible Party agrees to be jointly and severally liable with Property Owner for payment of all fees referenced above. The sale or other disposition of the property does not relieve the Financially Responsible Party of their obligation to maintain a positive balance in the deposit account, unless the City grants prior approval. Financially Responsible Party agrees to notify City in writing prior to any change in ownership or status of any option agreements and to submit a written request for withdrawal of the application or written assumption of the obligations under this agreement signed by the new owner or his/her authorized agent.

Withdrawal or denial of application does not relieve the Financially Responsible Party of their obligation to pay for costs incurred in connection with this application. The Financially Responsible Party shall be liable for and will pay all costs incurred for the project, up through the date of the written request for application withdrawal or date of denial, whether or not such work is complete and whether or not the costs have previously been billed.

Any funds remaining in the account after all associated processing activities have been completed shall be returned to the Financially Responsible Party.

Financially Responsible Party agrees to defend, indemnify, and hold harmless the City of Rohnert Park, its agents, officers, elected officials, employees, boards, and commissions from any claim, action or proceeding brought against any of the foregoing individuals or entities, the purpose of which is to attack, set aside, void or annul any approval of the application or related decision, or the adoption of any environmental documents or negative declaration which relates to the approval. This indemnification shall include, but is not limited to, all damages, costs, expenses, attorney fees or expert witness fees that may be awarded to the prevailing party arising out of or in connection with the approval of the application or related decision, whether or not there is concurrent, passive or active negligence on the part of the City, its agents, officers, elected officials, employees, boards, and commissions. If for any reason, any portion of this indemnification is held to be void or unenforceable by a court of competent jurisdiction, the remainder of the indemnification shall remain in full force and effect.

I have read and agree with all of the above.

Signature of Financially Responsible Party _____ **Date** _____

v1 2013-02-11

FOR OFFICE USE ONLY:

Does this project require permanent storm water BMP's?

Y N

Date Submitted: _____



| | |
|---------------------|----------|
| File No: | Quadrant |
| Related Files: | |
| Set: | |
| Department Use Only | |

2017 Storm Water LID Determination Worksheet

PURPOSE AND APPLICABILITY: This determination worksheet is intended to satisfy the specific requirements of "ORDER NO. R1-2015-0030, NPDES NO. CA0025054 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT AND WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES FROM THE MUNICIPAL SEPARATE STORM SEWER SYSTEMS." Additional design requirements imposed by Governing Agencies, such as local grading ordinances, CAL Green, CEQA, 401 permitting, and hydraulic design for flood control still apply as appropriate. Additionally, coverage under another regulation may trigger the requirement to design in accordance with the Storm Water LID Technical Design Manual.

Part 1: Project Information

Project Name Applicant (owner or developer) Name

Project Site Address Applicant Mailing Address

Project City/State/Zip Applicant City/State/Zip

Permit Number(s) - (if applicable) Applicant Phone/Email/Fax

Designer Name Designer Mailing Address

Designer City/State/Zip Designer Phone/Email

Type of Application/Project:

| | | | |
|---------------|----------------|-----------------|----------------------|
| Subdivison | Grading Permit | Building Permit | Hillside Development |
| DesignReview | Use Permit | Encroachment | Time Extensions |
| Other : _____ | | | |

PART 2: Project Exemptions

1. Is this a project that creates or replaces *less than* 10,000 square feet of impervious surface¹, including all project phases and off-site improvements?

Yes No

1 Impervious surface replacement, such as the reconstruction of parking lots or excavation to roadway subgrades, is not a routine maintenance activity. Reconstruction is defined as work that replaces surfaces down to the subgrade. Overlays, resurfacing, trenching and patching are defined as maintenance activities per section VI.D.2.b.

2017 Storm Water LID Determination Worksheet

2. Is this project a routine maintenance activity² that is being conducted to maintain original line and grade, hydraulic capacity, and original purpose of facility such as resurfacing existing roads and parking lots?

Yes No

3. Is this project a stand alone pedestrian pathway, trail or off-street bike lane?

Yes No

4. **Did you answer "YES" to any of the questions in Part 2?**

YES: This project will *not* need to incorporate permanent Storm Water BMP's as required by the NPDES MS4 Permit. **Please complete the "Exemption Signature Section" on Page 4.**

NO: Please complete the remainder of this worksheet.

Part 3: Project Triggers

Projects that Trigger Requirements:

Please answer the following questions to determine whether this project requires permanent Storm Water BMP's and the submittal of a SW LIDs as required by the NPDES MS4 Permit order No. R1-2015-0030.

1. Does this project create or replace a combined total of 10,000 square feet or more of impervious surface¹ including all project phases and off-site improvements?

Yes No

2. Does this project create or replace a combined total or 10,000 square feet or more of impervious streets, roads, highways, or freeway construction or reconstruction³? Yes No

3. Does this project create or replace a combined total of 1.0 acre or more of impervious surface¹ including all project phases and off-site improvements? Yes No

4. **Did you answer "YES" to any of the above questions in Part 3?**

YES: This project will need to incorporate permanent Storm Water BMP's as required by the NPDES MS4 Permit. **Please complete remainder of worksheet and sign the "Acknowledgement Signature Section" on Page 4.**

NO: This project will *not* need to incorporate permanent Storm Water BMP's as required by the NPDES MS4 permit. **Please complete the "Exemption Signature Section" on Page 4.**

¹ Impervious surface replacement, such as the reconstruction of parking lots or excavation to roadway subgrades, is not a routine maintenance activity. Reconstruction is defined as work that replaces surfaces down to the subgrade. Overlays, resurfacing, trenching and patching are defined as maintenance activities per section VI.D.2.b.

² "Routine Maintenance Activity" includes activities such as overlays and/or resurfacing of existing roads or parking lots as well as trenching and patching activities and reroofing activities per section VI.D.2.b.

³ "Reconstruction" is defined as work that extends into the subgrade of a pavement per section VI.D.2.b.

2017 Storm Water LID Determination Worksheet

Part 4: Project Description

1. Total Project area: square feet
acres

2. Existing land use(s): (check all that apply)

Commercial Industrial Residential Public Other

Description of buildings, significant site features (creeks, wetlands, heritage trees), etc.:

3. Existing impervious surface area: square feet
acres

4. Proposed Land Use(s): (check all that apply)

Commercial Industrial Residential Public Other

Description of buildings, significant site features (creeks, wetlands, heritage trees), etc.:

5. Proposed impervious surface area: square feet
acres

2017 Storm Water LID Determination Worksheet

Acknowledgment Signature Section:

As the property owner or developer, I understand that this project is required to implement permanent Storm Water Best Management Practices and provide a Storm Water Low Impact Development Submittal (SW LIDS) as required by the City's National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer Systems (MS4) Permit Order No. R1-2015-0030. *Any unknown responses must be resolved to determine if the project is subject to these requirements.

Applicant Signature

Date

Exemption Signature Section:

As the property owner or developer, I understand that this project as currently designed does not require permanent Storm Water BMP's nor the submittal of a Storm Water Low Impact Development Submittal (SW LIDS) as required by the City's National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer Systems (MS4) Permit*. I understand that redesign may require submittal of a new Determination Worksheet and may require permanent Storm Water BMP's.

Applicant Signature

Date

- * This determination worksheet is intended to satisfy the specific requirements of "ORDER NO. R1-2015-0030, NPDES NO. CA0025054 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT AND WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES FROM THE MUNICIPAL SEPARATE STORM SEWER SYSTEMS." Additional design requirements imposed by Governing Agencies, such as local grading ordinances, CAL Green, CEQA, 401 permitting, and hydraulic design for flood control still apply as appropriate. Additionally, coverage under another regulation may trigger the requirement to design in accordance with the Storm Water LID Technical Design Manual.

Implementation Requirements: All calculations shall be completed using the "Storm Water Calculator" available at: www.srcity.org/stormwaterLID

Hydromodification Control/100% Volume Capture: Capture (infiltration and/or reuse) of 100% of the volume of runoff generated by a 1.0" 24-hour storm event, as calculated using the "Urban Hydrology for Small Watersheds" TR-55 Manual method. This is a retention requirement.

Treatment Requirement: Treatment of 100% of the flow calculated using the modified Rational Method and a known intensity of 0.20 inches per hour.

Delta Volume Capture Requirement: Capture (infiltration and/or reuse) of the increase in volume of storm water due to development generated by a 1.0" 24-hour storm event, as calculated using the "Urban Hydrology for Small Watersheds" TR-55 Manual method. This is a retention requirement.

CITY OF ROHNERT PARK

RECYCLED WATER USE PERMIT APPLICATION



| Site Name _____ | | Customer No. _____ | |
|---|--|--|--|
| Address _____ | | | |
| TYPE OF LAND USE ON SITE | | GOVERNMENT AGENCIES WITH JURISDICTION (See Note 2) | |
| <input type="checkbox"/> Commercial / Retail <input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Transportation <input type="checkbox"/> Mines, Quarries <input type="checkbox"/> Open Space <input type="checkbox"/> Undeveloped <input type="checkbox"/> School / Playground | | <input type="checkbox"/> US Department of Agriculture <input type="checkbox"/> State Food and Drug <input type="checkbox"/> State Licensing & Certification <input type="checkbox"/> OSHPD (Office of Statewide Health Planning & Development) <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ | |
| RECYCLED WATER DEMAND ESTIMATES | | FIRE SUPPRESSION | |
| Estimated Annual Use <input type="checkbox"/> AcFt <input type="checkbox"/> Gallons | | <input type="checkbox"/> Site Drawing (all projects) | |
| Peak Use in Gallons/Minute (GPM) | | <input type="checkbox"/> Impoundment O&M Plan (if serving a reservoir or pond) | |
| Hours of Use | | <input type="checkbox"/> Other: _____ | |
| Days of Use | | | |
| <input type="checkbox"/> Dry Season Only <input type="checkbox"/> Year-round | | | |
| IS RECYCLED WATER TO BE PIPED OR USED WITHIN AN OCCUPIED BUILDING? <input type="checkbox"/> Yes <input type="checkbox"/> No (IF YES, SEE THE DEPARTMENT OF DEVELOPMENT SERVICES TO OBTAIN A BUILDING PERMIT.) | | | |
| CUSTOMER'S ON-SITE RECYCLED WATER SUPERVISOR SIGNS | | APPLICANT SIGNS | |
| I have read and understand the City of Rohnert Park's <i>Rules and Regulations for Recycled Water Users</i> . I will operate the recycled water system in compliance with all conditions of the Permit to Use Recycled Water. Print _____ Signature _____ Date _____ | | I designate the named person as the User's On-Site Recycled Water Supervisor in accordance with the City of Rohnert Park's <i>Rules and Regulations for Recycled Water Users</i> . I am a principal owner of this site or a duly authorized representative and certify that the information contained in this application is true and correct to the best of my knowledge. Print _____ Signature _____ Date _____ | |
| <p>Note 1: Customer's On-Site Recycled Water Supervisor: It is responsibility of the Customer to provide surveillance and supervision of the recycled water system in a way that assures compliance at all times with current regulations. In order to accomplish this, the Customer shall designate an On-site Recycled Water Supervisor (Customer Supervisor) to provide liaison with the City. This person may represent the owner, tenant, or property manager as appropriate; however, he/she must be a permanent employee responsible for the recycled water system at the site who is available at all times and has the authority to carry out any requirements of the Water Recycling Program.</p> <p>Refer to the "<i>Rules and Regulations for Recycled Water Customer</i>" Section 12.3 for more comprehensive description of the responsibilities of an on-site recycled water supervisor.</p> <p>Note 2: List those governmental entities that may have regulatory jurisdiction over the re-use site related to on-site water use, drinking water, food handling or public health issues.</p> <p>Copies: _____ Field Inspector _____ File (Original)</p> | | | |



Appendix B: Plan Checklist and Standard Notes

CITY OF ROHNERT PARK

PLAN CHECK LIST AND STANDARD NOTES

- Indicate all sources of water on the plans.
- Show the location and size of all water meters on the piping plans.
- Show location and type of all backflow prevention devices for potable water systems, and if applicable, on the recycled water system.
- Show location and type of all strainers, pressure regulating valves, and master valves.
- Show location of all water pipelines (including potable and well lines) crossing the site. If space does not permit this information to be placed on the plans, then a separate site or utility plan can be used to show this information. Exception for an existing irrigation system converting to recycled water. Although it may not be possible to show the location of all water pipelines at this type of site, all locations where future recycled water piping must be separated from the potable water piping must be clearly indicated on the plans.
- Clearly identify all adjacent streets, and locations of all major improvements on the site.
- Show the location of all drinking fountains, outdoor eating areas, and other public facilities supplied with recycled or potable water service. Public facilities include, but are not limited to, restrooms, snack bars, swimming pools, wading pools, decorative fountains and showers. Show the pipelines feeding all of these facilities.
- Show the location of any wells, lakes, ponds, reservoirs, or other water impoundments located on the site or within 100 feet of the site, and indicate the type of water source.
- Indicate that the separation between potable and recycled water lines meets minimum requirements. Show sleeving where recycled water pipelines cross over potable water pipelines.
- When potable water piping is not present on the site, state in a note that the cross-connection test required by the Water Retailer is waived for sites where potable water piping is not present.
- Show all details necessary to properly construct the system, including the details conforming to the requirements of the Water Retailer. The purpose of the details is to show the materials and methods necessary to clearly identify all water systems on the site.
- All sites using recycled water must post clearly visible signs conforming to the Water Retailer's signage standards. Show proposed sign locations on plans.
- For many sites, typical locations for signs are at the property line near crosswalks, at driveway entrances, and at outdoor eating areas.
- For streetscapes (parkways, frontage or backup landscaping), place signs at street corners and entranceways as appropriate to notify passersby and site users.
- For medians, a sign should be placed at the beginning and end of every median, and another approximately equidistant from the ends of the median for longer median areas.
- For decorative fountains, ponds, and other water features, see the Advisory Signs For Decorative Fountains, Ponds & Other Water Features section, page 15 of The Recycled Water User's Guide
- Supply the following information box for each recycled water system with its own meter; place this information on the same plan as the meter/point of connection it pertains to. Fill out the ten items as applicable, but do not delete any of them.

Appendix B: Plan Checklist and Standard Notes

City of Rohnert Park

GENERAL SITE INFORMATION FOR RECYCLED WATER USE

1. RECYCLED WATER USE AREA: *(type of use, physical area of use, and for landscapes square footage of Use Area).*
2. PUBLIC ACCESS TO SITE IS *(indicate: UNRESTRICTED or RESTRICTED).*
3. OWNER: *(legal property owner's name).*
4. PROPERTY MANAGER CONTACT: *(name, title, and telephone number).*
5. TENANT (S): *[name(s) & phone number(s); if not applicable, state NOT APPLICABLE].*
6. ON-SITE WELL LOCATIONS: *(for example, ONE; if none, state NONE).*
7. WELLS ON ADJACENT SITES LOCATED WITHIN 50 FT. OF RECYCLED WATER APPROVED USE AREA OR WITHIN 100 FT. OF ANY RECYCLED WATER IMPOUNDMENT: *(for example, ONE; if none, state NONE).*
8. OUTDOOR DRINKING FOUNTAINS IN/NEAR THE RECYCLED WATER APPROVED USE AREA: *(for example, ONE; if none, state NONE)*
9. OUTDOOR EATING AREA(S) IN/NEAR THE RECYCLED WATER APPROVED USE AREA: *(for example, ONE; if none, state NONE).*
10. WATER FEATURES ON SITE: *(examples below; if none, state NONE).*

| <u>Number:</u> | <u>Type:</u> | <u>Water Source:</u> |
|----------------|-----------------|----------------------|
| <i>One</i> | <i>fountain</i> | <i>recycled</i> |
| <i>One</i> | <i>pond</i> | <i>potable</i> |

- For irrigation systems, include an irrigation equipment legend specifying all materials of construction for the system, including:
 - ◆ A pipe schedule listing pipe sizes, materials of construction, and type of water conveyed by the piping.
 - ◆ A listing of valve types, including quick coupling valves.
 - ◆ All pertinent information for each type of sprinkler head and/or emitter.
 - ◆ Indication of purple-colored pipe with recycled water stenciling and quick coupling valves with purple covers where recycled water is used.
 - ◆ For sites containing recycled water landscape impoundments, include all necessary details to demonstrate the landscape impoundment is adequately protected from erosion, washout, or flooding from a rainfall event having a predicted frequency of one in 100 years.
- For sites containing recycled water ponds, show all details necessary to clearly demonstrate that the minimum freeboard is consistent with pond design but not less than two feet.
- Add signature lines for the Water Retailer to all irrigation plan sheets, detail sheets, and specification sheets that pertain to the recycled water irrigation system.

For On-Site Recycled Water Irrigation Systems

1. Prior to receiving recycled water, the site must be approved by the City of Rohnert Park. Approval requirements include:
 - ◆ Inspection by the City to confirm conformance with the City rules and regulations;
 - ◆ A final on-site inspection to confirm that all requirements have been met;

Appendix B: Plan Checklist and Standard Notes

City of Rohnert Park

For On-Site Recycled Water Irrigation Systems (Continued)

- ◆ Site must pass required cross-connection test performed by a certified AWWA cross-connection control specialist;
 - ◆ The user's designated Site Supervisor must complete the Site Supervisor training
 - ◆ Failure to comply may result in termination of recycled water service.
 - ◆ Contact the City of Rohnert Park at (707) 588-3302 for further information.
2. All work shall conform to existing regulations including but not limited to:
 - ◆ The Recycled Water User's Guide
 - ◆ City of Rohnert Park and Santa Rosa municipal codes
 - ◆ State division of drinking water regulations
 3. Any changes made to the approved irrigation plans shall be submitted to the City at least 2 weeks prior to start of construction.
 4. At least two days prior to start of construction, contractor and the City's inspector or cross-connection specialist shall hold a pre-construction meeting. To schedule meeting, contact the City at (707) 588-3316.
 5. Notify the City inspector a minimum of 48 hrs before work begins. The City inspector must inspect and/or verify:
 - ◆ Presence of proper backflow prevention at all potable points of connection; (and tested by an approved backflow assembly tester from the City's approved list)
 - ◆ New underground piping (labeling, clearances, burial depth, sleeving);
 - ◆ Installation of signs, tags, and controller decals;
 - ◆ Required temporary connection to potable water service; in most cases, the site's irrigation system must be connected to a temporary source of potable water in order to conduct required cross-connection test;
 - ◆ Site passed required cross-connection test performed by a certified AWWA cross-connection control specialist;
 - ◆ New meter installation- prior to receiving recycled water, the City inspector must inspect the disconnection of the site's irrigation system from the temporary potable water supply, and then inspect the connection of the system to the recycled water meter.
 6. No cross-connections between the potable or any other water system and recycled water systems are permitted.
 7. All on-site buried recycled water piping shall be identified by one of the following methods:
 - ◆ Using purple-colored pvc pipe with continuous wording "Caution – Recycled Water" printed on opposite sides of the pipe; pipe shall be laid with wording facing upwards.
 - ◆ Warning tape with a minimum width of 3 inches reading "Caution – Recycled Water" (in black or white lettering on purple background) shall run continuously on top of piping and shall be attached to piping with plastic tape banded around the warning tape and the pipe every 5 feet on center.
 8. PCV Pipe: constant-pressure mainline piping 1½ inches and smaller shall be schedule 40; constant-pressure mainline piping 2 inches and larger shall be class 315; intermittent-pressure lateral piping shall be class 200 or schedule 40. Copper pipe shall be type "K".
 9. All on-site recycled water piping shall be buried to a minimum depth from finished grade to top of pipe (minimum cover) of:
 - Pressurized lines 3 inches and larger. 24 inches
 - Pressurized lines 2 ½ inches and smaller 18 inches
 - Intermittent-pressure lines 12 inches

Appendix B: Plan Checklist and Standard Notes

City of Rohnert Park

10. All recycled water piping other than pvc piping with solvent welded joints shall be protected against movement with thrust blocks or restrained joints or other approved method per City details.
11. Maintain a 10-foot horizontal separation and 1-foot vertical separation between buried pressurized recycled water irrigation piping and buried potable water piping unless otherwise noted. At pipe crossings, buried pressurized recycled water irrigation piping must be 12 inches below potable water lines. Pressurized recycled water pipe lines are allowed over potable water pipelines with a minimum of 12 inches vertical separation if a full standard pipe length is centered over the crossing, or the recycled water pipeline is installed in a pipe sleeve which extends a minimum of 10 feet on either side of the potable water piping. Intermittently pressurized irrigation laterals may be located a minimum of 12 inches above potable water pipelines without sleeving.
12. All recycled water system remote control valves, isolation valves, quick coupling valves, strainers, and pressure-regulating valves shall be installed below grade in valve boxes. Green, black, or purple colored boxes and lids are acceptable for existing customers. New customers are required to install purple-colored boxes and lids. Valve boxes shall have a warning label or nameplate permanently molded into or attached onto the lid with rivets, screws, or bolts. Warning labels shall be per the Recycled Water User's Guide.
13. Recycled water quick-coupling valves shall have a purple cover and be identified per standard details.
14. No hose bibs are allowed on the recycled water irrigation system. Any exterior hose bibs served with potable water must be labeled per City standard details.
15. All recycled water meters, devices, and valves – e.g. isolation valves, irrigation controllers, remote control valves, pressure regulating valves, quick coupling valves, etc. – shall be tagged per the Recycled Water User's Guide
16. Label all potable water meters and above ground potable water pipes/devices (backflow preventers, hose bibs, etc.) With tags or labels reading: "potable water" in black letters on blue background, per City details.
17. All recycled water irrigation systems shall have the following:
 - ◆ A wye strainer (with a 20-mesh or 66 finer screen) installed as close as practicable to the recycled water meter box
 - ◆ A pressure regulating valve installed immediately downstream of the strainer
 - ◆ These components shall be installed with isolation valves to facilitate maintenance.
18. Recycled water advisory signs conforming to the details and specifications on the City approved irrigation plans shall be posted per locations shown on those irrigation plans.
19. Installation of direct injection systems on the recycled water irrigation system is only permitted if a reduced pressure backflow prevention device is also installed on the system.
20. No drinking fountains or eating areas are allowed in the approved recycled water use area unless adequately protected from overspray.
21. All recycled water meters will be set after:
 - ◆ The site's owner, developer, or contractor has applied for recycled water service, all applicable fees have been paid, and the recycled water use agreement has been signed by the City and the user.
 - ◆ The City inspector must inspect the disconnection of the site's recycled water system from the temporary potable water supply, and then inspect the connection of the system to the recycled water meter.
22. No overspray or runoff of recycled water is allowed on any nonapproved use area. Ponding of recycled water due to irrigation is not allowed in any area. Upon receiving recycled water, the on-site recycled water irrigation system must pass a coverage test conducted by the City inspector.
23. The user is responsible for the submittal of as-built irrigation plans to the City within 90 days of site receiving recycled water.

**City of Rohnert Park – Development Services
DEVELOPMENT ENGINEERING FEE SCHEDULE**

Development Engineering Services – Schedule of Fees and Charges

| Fee No. | Development Engineering Services | Fees / Charges | Initial Deposit | Notes |
|---------|--|-----------------------------------|--|------------|
| 1 | Grading/Site Improvement Plan Check and Inspection | Full cost-recovery charges apply. | \$4,454 (plan check initial deposit), 1.5% of Engineer's Estimated Cost of improvement (inspection initial deposit) | 1, 2, 3, 4 |
| 2 | Landscaping Plan Check | Full cost-recovery charges apply. | \$5,075 (plan check and documentation verification initial deposit), 1.5% of Estimated Engineer's Cost of improvement (inspection and initial deposit) | 1, 2, 3, 4 |
| 3 | Public Improvement Plan Check and Inspection | Full cost-recovery charges apply. | \$4,322 (plan check initial deposit), 1.5% of Engineer's Estimated Cost of improvement (inspection initial deposit) | 1, 2, 3, 4 |
| 4 | Subdivision Plan Check and Inspection | Full cost-recovery charges apply. | \$3,230 (plan check initial deposit), 1.5% of Engineer's Estimated Cost of improvement (inspection initial deposit) | 1, 2, 3, 4 |
| 5 | Final Parcel Map Review | Full cost-recovery charges apply. | \$2,626 | 1, 2, 3 |
| 6 | Final Subdivision Map Review | Full cost-recovery charges apply. | \$5,122 | 1, 2, 3 |
| 7 | Final Map Amendment/Revision Review (Minor) | \$755 per map | N/A | 5 |
| 8 | Final Map Amendment/Revision Review (Major) | Full cost-recovery charges apply. | \$1,486 | 1, 2, 3 |
| 9 | Time Extension | \$135 per application | n/a | 5 |
| 10 | Lot Line Adjustment / Lot Mergers / Reversion to Acreage | Full cost-recovery charges apply. | \$1,133 | 1, 2, 3 |

**City of Rohnert Park – Development Services
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|----|---------------------------------------|-----------------------------------|---------|---------|
| 11 | Street Vacation / Abandonment Request | Full cost-recovery charges apply. | \$1,686 | 1, 2, 3 |
| 12 | Minor Encroachment Permit/Inspection | \$391 | n/a | 5 |

| Fee No. | Development Engineering Services | Fees / Charges | Initial Deposit | Notes |
|---------|--|---|-----------------|---------|
| 13 | Minor Encroachment Permit/Inspection: Single Family Residential Sidewalk Repair | \$0 | n/a | 6 |
| 14 | Minor Encroachment Permit/Inspection: Water Lateral Replacement for Accessory Dwelling Unit, SFD major remodel/ addition | \$0 | n/a | 7 |
| 15 | Major Encroachment Permit/Inspection | \$1,619 | n/a | 5 |
| 16 | Major Encroachment Permit/Inspection requiring time and materials with initial deposit | Full cost-recovery charges apply. | \$2,699 | 1, 2, 3 |
| 17 | Plumbing Permit issued by Development Engineering / Inspection | \$391 | n/a | 5 |
| 18 | Transportation Permit | \$16 for single trip permit; \$90 for annual permit | n/a | 8 |
| 19 | Sign Review | \$150 per plan | n/a | 5, 9 |
| 20 | Recycled Water Permit | \$1,738 per connection | n/a | 5, 10 |

Development Engineering Fee Schedule Table Notes

1. Cost-recovery charges include all costs to provide services or process applications/projects. Costs that may be recovered include but are not limited to: City staff time at fully-burdened hourly rates, including those of City departments other than Development Services (e.g. Fire

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Services, Public Works, etc.), consultant costs, legal costs, administrative costs generated by application/project, public noticing and advertisement costs, and other public agency fees.

2. An ***Acknowledgement of Reimbursement Obligation for Payment of Full Cost Recovery Fees for Application Processing and Inspection Services*** form (“Reimbursement Obligation Form”) or ***Reimbursement Agreement*** must be executed in conjunction with applications for these services and/or permits.
3. The method by which the City recovers its costs from the applicant or financially-responsible party is determined by the cost-recovery obligation form or agreement used. Typically, cost recovery is either: (a) a draw-down from a deposit, or (b) billing in arrears for costs incurred by the City to provide services. The cost recovery method and terms are stipulated in the *Reimbursement Obligation Form, Reimbursement Agreement, or specific terms of a development agreement or other negotiated instrument approved by City.*
4. Initial deposit due for these services will be determined by the City, based on the Engineer’s Cost Estimate of improvement as provided by the applicant. The applicant-provided Engineer’s Cost Estimate is subject to review and approval by the City. The initial deposit amount due may be adjusted by the City, based on recalculations of the Engineer’s Cost Estimate approved by the City Engineer.
5. Applicant will be charged a flat fee as indicated for the service and/or permit, unless the service and/or permit is part of a more complex project with multiple/concurrent permits or entitlements in which costs for processing are recovered pursuant to an executed *Reimbursement Obligation Form, Reimbursement Agreement, or specific terms of a development agreement or other negotiated instrument approved by City.*
6. Insurance required
7. Requires concurrent building permit application for new water meter installation
8. Transportation permit fees are determined by the State of California.
9. Added as additional flat fee to planning flat fee for this service.
10. Requires encroachment permit in addition.

City of Rohnert Park – Development Services DEVELOPMENT ENGINEERING FEE SCHEDULE

Additional Notes about Fees and Charges

Actual costs

The actual cost of City staff time is the fully-burdened hourly rate of the staff providing service, which may include but is not limited to Development Services, Public Safety, Public Works, and Administration providing review specifically for the project. Charges will be in increments of 0.25 hour.

Consultant charges may apply

In some cases, additional costs may be incurred by the City due to the necessity of using a consultant to assist Development Services with the review and processing of applications/projects. In such cases, the costs of the consultant's services will be passed through to the applicant, with an Administrative Fee in the amount of 7% of the consultant invoice cost, unless a different rate is stipulated for those services by a Reimbursement Agreement or Development Agreement.

Concurrent / multiple applications

When two or more applications are filed and processed concurrently, the required initial deposit will be the sum of the individual application fees and/or deposits.

Investigative fee for work started without a permit

If work on a Development Engineering project is found to have commenced without a permit, an investigation fee will be charged equal to the amount of permit fee that would apply to that project. If the project is full cost-recovery (i.e. not a flat fee project), the investigation fee will be the cost of time-and-materials required for inspection and administrative support to process the project, prior to the project coming into compliance. This investigation fee is in addition to the permit fees that will be required to bring the project into compliance.

Annual Adjustment of Flat Fees

Flat fees are automatically adjusted annually on July 1st, based on the Consumer Price Index published by the U.S. Bureau of Labor Statistics for All Urban Consumers, All Items, in the San Francisco-Oakland-San Jose Area, measured in the month of December in the calendar year that ends in the previous fiscal year.

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Annual Adjustment of Fully-Burdened Hourly Rate

Fully-burdened hourly rates are automatically adjusted annually on July 1st, based on the Consumer Price Index published by the U.S. Bureau of Labor Statistics for All Urban Consumers, All Items, in the San Francisco-Oakland-San Jose Area, measured in the month of December in the calendar year that ends in the previous fiscal year.

Services Not Listed on Development Engineering Schedule of Fees and Charges

When Development Engineering staff provide requested or necessary review, inspection or staff support services that are not included in this Development Engineering Schedule of Fees and Charges, the Development Services Director may assess and collect such fees that are reasonably necessary to defray the cost of such services. Staff time shall be charged on a fully-burdened hourly rate basis or the actual cost of outside consultant, plus 7% administrative fee, or administrative fee rate as stipulated by applicable Reimbursement Agreement or Development Agreement.