

Application for Services

DUBLIN SAN RAMON SERVICES DISTRICT ENGINEERING DEPARTMENT
 7051 Dublin Blvd. ♦ Dublin, CA 94568 ♦ Phone (925) 551-7230 ♦ FAX (925) 829-1180 ♦ www.dsrds.com

Project Type: Private Property Improvements
 Work to be dedicated to the District

Services Requested: Sanitary Sewer
 Potable Water
 Recycled Water¹

Applicant

Name:	Title:
Company:	
Address:	
City/State/Zip	
Phone:	FAX:

Project Information

Residential Commercial Industrial Institutional

Project Title: _____

Project Description: _____

Estimated Start Date of _____

Schedule: Construction: _____ Occupancy: _____

1) **Residential** Dublin San Ramon

Tract(s) _____ No. of Units: Single-Family _____

Block(s) _____ Multi-Family _____

Lot(s) _____ Condominium _____

2nd Dwelling Unit _____

Total _____

2) **Commercial/Industrial/Institutional** Dublin San Ramon

Address: _____

Parcel(s): _____

Number of Buildings: _____ Total Area (Sq. Ft.): _____

Property Owner

Name:	
Company:	
Address:	
City/State/Zip:	
Phone:	FAX:

Engineer

Name:	
Company:	
Address:	
City/State/Zip:	
Phone:	FAX:

Acknowledgement of Service Request

- By signing this application, the applicant certifies that the applicant is an authorized representative of the property owner for the project under which this application is made.
- The applicant has read, understands, and shall conform to the attached DSRSD General Terms and Conditions for Application for Services.
- All DSRSD fees and rates are subject to change. The applicant shall be responsible for obtaining up-to-date fees and rates.
- Preliminary plans showing existing and proposed potable water, and/or recycled water, and/or wastewater sewer facilities for the project shall be furnished with this application.
- Submittal and acceptance of application does not guarantee issuance of permits. Only upon payment of all required fees, approval of plans, and submittal of proper insurance documentation and required securities shall permits be issued.
- All work shall comply with the Standard Procedures, Specifications, and Drawings of Dublin San Ramon Services District.

Applicant Signature

Date

Received by DSRSD ENGINEERING DEPARTMENT

Date

¹Applicants for recycled water service must complete the Recycled Water Service – Application/Supplemental Information form (Attached).

RECYCLED WATER SERVICE – APPLICATION/SUPPLEMENTAL INFORMATION

Date: _____ Facility Name: _____

Location or Brief Description: _____

Number of recycled water meters on-site: _____

Recycled Water Meter(s) Locations (cross streets, etc.): _____

Will potable water also be used on-site? _____ If so, please provide information about the use(s).

Owner: _____

Contact Name: _____

Address: _____

City: _____

State/Zip: _____

Phone: _____

E-mail address: _____

On-Site Supervisor: _____

Address: _____

City: _____

State/Zip: _____

Phone: _____

E-mail address: _____

Landscape Company: _____

Address: _____

Phone: _____

Contact Name: _____

E-mail address: _____

Expected date to commence recycled water service (Month/Year): _____

Estimated Water Requirements

	<u>Area (Acres)</u>	<u>Average Demand (AF/YR)</u>	<u>Peak Demand (GPM)</u>
<u>Landscape Irrigation Type</u>			
Home Owners Association:	_____	_____	_____
Park/Open Space:	_____	_____	_____
Street/Median:	_____	_____	_____
School:	_____	_____	_____
Commercial:	_____	_____	_____

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, and accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or disconnection of recycled water service.”

By signing the application below, I agree to conform to DSRSD requirements for recycled water use at the proposed site.

Signature of Owner/Representative_____
Date

March 2005

GENERAL TERMS AND CONDITIONS FOR APPLICATION OF SERVICES

1. Applicable Code, Standards, and Guidelines. The applicant and its authorized agents and representatives shall comply with the general terms and conditions set forth in Title 3, *Application for Services*, of the District Code. The applicant shall conform to the District's *Standard Procedures, Specifications and Drawings for the Design and Installation of Potable Water, Recycled Water, and Wastewater Facilities*, as amended from time to time by the District Engineer. If the applicant requests recycled water service, the applicant shall also conform to the District's *Recycled Water Use Guidelines and Requirements*, as amended from time to time by the District Engineer.

2. Fees and Charges. The applicant shall pay fees and charges in accordance with Title 3, Chapter 7, *Fees and Charges*, of the District Code, including capacity reserve fees, project planning and review fees, inspection fees, meter assembly fees, and other miscellaneous fees, to cover Dublin San Ramon Services District (District) cost associated with the applicant's project. The aforementioned fees are nonrefundable. Time of payment shall be in accordance with Section 3.70.080 of the District Code.

3. Capacity Required. Prior to connection to District facilities, applicants shall obtain from the District sufficient water and/or wastewater capacity rights, as determined by the District Engineer, for the property upon which they have proposed a development. Capacity rights provide the property the right to obtain service from and use of the District's water and wastewater systems. Allocation of capacity for water and/or wastewater service to a property shall be issued through a certificate of capacity rights. No certificate of capacity rights shall be issued until the applicant has paid capacity reserve fees (formerly known as connection fees) and the District Engineer has approved the application.

If additional demands will be, or have been placed, on District services in excess of that granted under an existing certificate of capacity rights as a result of the expansion of any building or structure or an intensification of use, the applicant shall obtain additional water and/or wastewater capacity rights from the District. The applicant shall pay required capacity reserve fees and obtain another certificate of capacity rights.

4. Certificate of Capacity Rights Issuance/Expiration. Upon payment of capacity reserve fees, the District shall issue a Certificate of Capacity Rights allocating water and/or wastewater capacity for applicant's project. The Certificate of Capacity Rights is subject to the provisions of Title 3, Chapter 6, *Service Capacity Allocation*, of the District Code. The Certificate of Capacity Rights and rights associated therewith shall expire three (3) years after the date of issuance, unless a District facilities construction permit has been issued, and either (i) an authorized connection has been made to District facilities within said period, if a building permit is not required by the city or county having jurisdiction; or (ii) building permits are obtained and building structures, for which all or a substantial portion (as determined by the District Engineer) of the certificate of capacity rights is issued, are constructed and connected to District facilities within said period.

Notwithstanding the preceding paragraph, if changes have been made to the project upon which the District based its determination of capacity rights, or if changes have been made to affect the amount of capacity needed for the property upon which the property was proposed, as determined by the District Engineer, the Certificate of Capacity Rights shall be modified and capacity reserve fees shall be adjusted.

5. Provision of Water and/or Wastewater Service. The applicant is responsible for installing its connection to District facilities at the location selected by the District and at the elevation selected by the District. Service will be granted only where all necessary infrastructure has been accepted as substantially complete by District staff. Infrastructure will be accepted as substantially complete by the District only after it has been properly designed, installed, tested, and fully made operational. Water and wastewater facilities to be dedicated to the District for operation and maintenance shall be conveyed to the District at no cost to the District, along with required property interest.

6. Design of Water and/or Wastewater Facilities. The applicant and its engineer is responsible for the design of water/or wastewater facilities that will serve the applicant's proposed project. All design work for water and wastewater facilities shall be conducted in strict compliance with the *Standard Specifications* and the *Recycled Water Use Guidelines*. All design plans, specifications, reports, and other associated documents shall be prepared by a civil engineer registered in the State of California, or by a subordinate employee under the direction of such a civil engineer. The District Engineer may approve plans upon determination that the applicant has satisfactorily complied with the District's master plan studies, *Standard Specifications* and/or the *Recycled Water Use Guidelines*, and other pertinent design requirements. District Engineer approval of plans does not relieve the applicant's engineer of the responsibility to (1) adhere to the standards generally prevailing for the performance of expert professional engineering services, (2) exercise the same degree of care, skill, and diligence in the performance of the services as is ordinarily provided by a professional engineer under similar circumstances, and, (3) meet all requirements of the District.

7. Property Rights Requirements. If potable water, recycled water, sewer or any combination of these facilities to be constructed by the applicant, for dedication to the District, are located outside the limits of the public right-of-way of a city street, then applicant or owner (if other than applicant) shall make an irrevocable offer of dedication to the District of a potable water, recycled water and/or sewer line easement. Such an offer is made at no cost to the District and shall be in a manner and

form acceptable to the District. Easements shall be identified on improvement drawings and dedicated to the District on a parcel map or final map, or by separate instrument, which includes a description and plat survey completed by a registered land surveyor. In those cases where access to proposed District facilities may be required across adjacent property, the applicant agrees to obtain and deliver to the District all easements or other property interest necessary for securing the District's access from adjacent property owners. Easements or other property interests delivered to the District pursuant to this paragraph shall be provided with subordination from any senior lien or encumbrance in a form acceptable to the District prior to the District's acceptance of facilities constructed pursuant to the permit.

8. Construction Permits. The applicant shall obtain a construction permit pursuant to Title 3, Chapter 5 of the District Code prior to construction of infrastructure to be connected to District facilities. Connection to the mains owned and operated by the District shall be made only under a construction permit and at points and in a manner approved by the District Engineer. No connection will be made without approval of the District Engineer. Connection of a water service or side sewer, or any portion of thereof, to the District's systems shall be made by the applicant and at the applicant's expense.

a. *District Facilities Construction Permit.* The applicant shall obtain a District Facilities Construction Permit prior to the construction of any potable water, recycled water, and/or wastewater facilities that are proposed to be connected to District facilities, or proposed to be dedicated as District facilities and connected to District facilities.

b. *Limited Construction Permit.* The applicant shall obtain a Limited Construction Permit prior to installation, repair, or construction of customer facilities proposed to be connected, or already connected, to District facilities. The applicant shall submit proof of liability insurance in an amount set by the District and on a form satisfactory to the District Engineer. The applicant's contractor shall submit appropriate, current contractor's license for the work proposed.

9. Bonds and Other Security. Prior to issuance of a construction permit, the Applicant shall furnish to the District, and file with the District Engineer, security in compliance with Section 3.50.030, *Bonds and Other Security*, of the District Code ("Security") securing the faithful and timely performance by Permittee of all work to be dedicated to the District per submitted plans; the amount of said Security shall be 100% of the cost of the work. The aforementioned Securities shall include, in addition to the face amounts, a guarantee of the payment of any reasonable expenses and fees, including reasonable attorneys' fees, incurred by the District in the event of successful enforcement of such Securities.

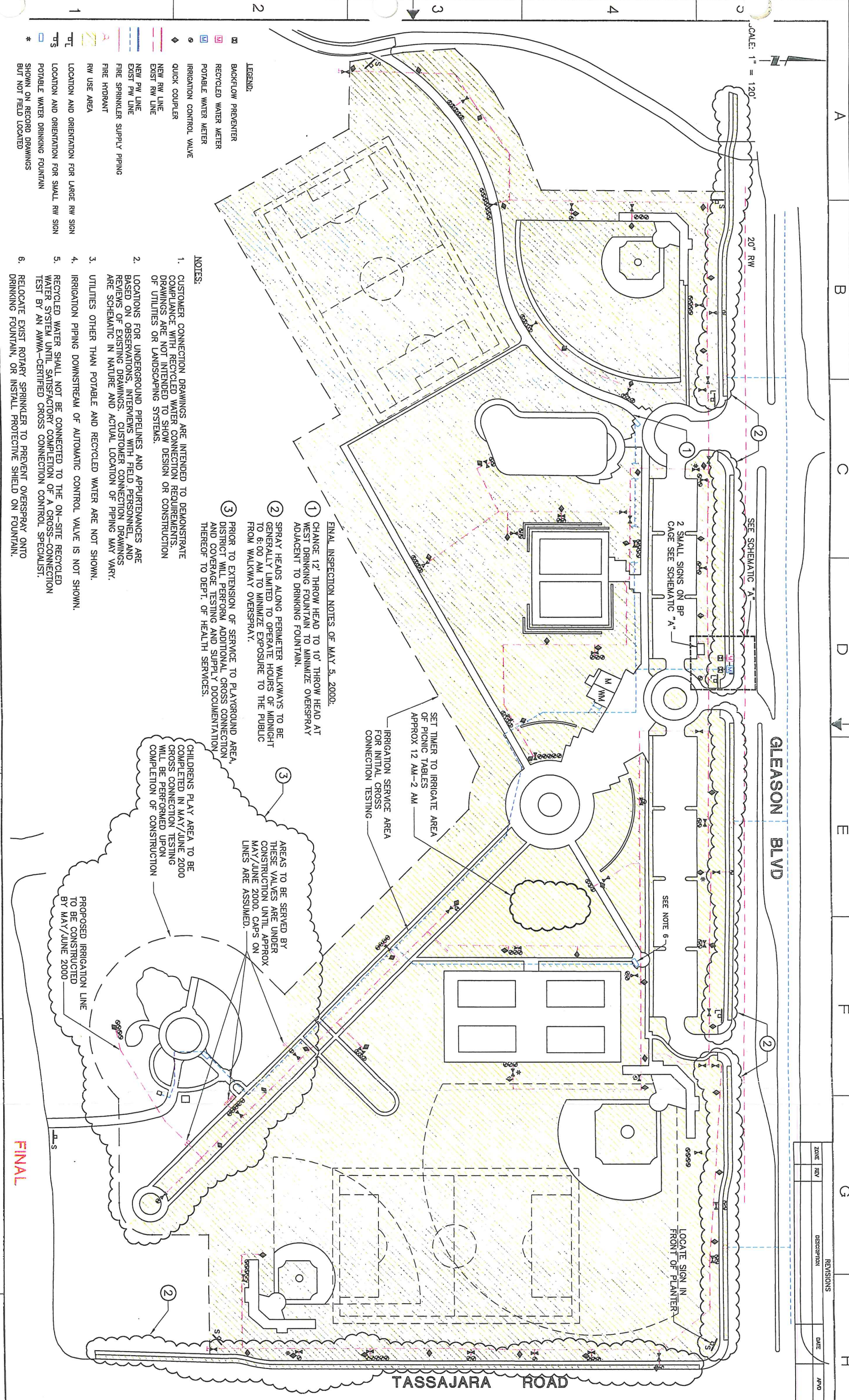
10. Insurance. Through the term of a construction permit, the Applicant shall maintain in full force and effect, at its own expense and risk, a general comprehensive liability insurance policy. The Applicant shall furnish to the District evidence of such an insurance policy by filing copies of the declaration or information page, the certificate of insurance for such insurance policy, and endorsement by insuring company. Such insurance policy shall name the District, its Board, officers, agents and employees, as insured or additional insured and shall indemnify the District and said persons against liability for loss or damage for bodily injury, including death and property damage occasioned by the operation of the Permittee or its contractor or sub-contractors under work, and shall be in the minimum limits of \$1,000,000 for bodily injury or death of any one person, \$1,000,000 for bodily injury or death arising out of any one occurrence and property damage limits of not less than \$1,000,000 arising out of any one occurrence. The insurance policy mentioned herein shall contain a provision that the District shall receive an unconditional notice in writing thirty (30) days in advance of an insurer's intention to cancel or to materially change the terms of said insurance policy. If such insurance policy covers the Permittee, other entity or person in addition to the District, such insurance policy shall contain the standard form of cross liability or severability of interest endorsement and shall also be evidenced on the insurance certificate. Such insurance policy mentioned herein shall be primary to any other valid and collectable insurance policy available to the District.

11. Right of Entry for Inspection. The District Engineer and the officers and agents of the District shall have unrestricted access at reasonable hours to all premises to which the District provides services to inspect the water and/or wastewater facilities, meter or other measuring apparatus and to see that the rules and regulations of the District regarding the installation of water and/or wastewater facilities, and taking, use or waste of water, and the discharge of wastewater are being observed.

12. Recycled Water Use License. If the applicant requires recycled water for its project site, the applicant shall apply for a recycled water use license prior to approval of recycled water irrigation system plans and installation of recycled water meter(s).

13. Indemnification. The applicant shall protect, indemnify and hold harmless the District, its Board, officers, agents and employees, from any and all liability, losses, damages, claims, causes of action or actions arising out of any accident, occurrence or incident resulting from, or alleged to have resulted from, work by the applicant, or the failure to perform or the negligent performance of any contractual responsibility of the applicant, including those contractual responsibilities mandated by this application, or any negligent action of the applicant undertaken by the applicant as a result of, or in furtherance of work or other responsibility of the applicant. The applicant shall also protect, indemnify and hold harmless the above parties for any liability or allegations thereof for the use of any patent or patented article by the applicant in their work. This duty to defend and hold harmless shall include the responsibility to provide legal representation, the selection of which shall be at the discretion of the District.

REVISIONS		DATE	APP'D
ZONE	REV		



- LEGEND:**
- BACKFLOW PREVENTER
 - RECYCLED WATER METER
 - POTABLE WATER METER
 - IRRIGATION CONTROL VALVE
 - QUICK COUPLER
 - NEW RW LINE
 - EXIST RW LINE
 - NEW PW LINE
 - EXIST PW LINE
 - FIRE SPRINKLER SUPPLY PIPING
 - FIRE HYDRANT
 - RW USE AREA
 - LOCATION AND ORIENTATION FOR LARGE RW SIGN
 - LOCATION AND ORIENTATION FOR SMALL RW SIGN
 - POTABLE WATER DRINKING FOUNTAIN
 - SHOWN ON RECORD DRAWINGS BUT NOT FIELD LOCATED

- NOTES:**
1. CUSTOMER CONNECTION DRAWINGS ARE INTENDED TO DEMONSTRATE COMPLIANCE WITH RECYCLED WATER CONNECTION REQUIREMENTS. DRAWINGS ARE NOT INTENDED TO SHOW DESIGN OR CONSTRUCTION OF UTILITIES OR LANDSCAPING SYSTEMS.
 2. LOCATIONS FOR UNDERGROUND PIPELINES AND APPURTENANCES ARE BASED ON OBSERVATIONS, INTERVIEWS WITH FIELD PERSONNEL, AND REVIEWS OF EXISTING DRAWINGS. CUSTOMER CONNECTION DRAWINGS ARE SCHEMATIC IN NATURE AND ACTUAL LOCATION OF PIPING MAY VARY.
 3. UTILITIES OTHER THAN POTABLE AND RECYCLED WATER ARE NOT SHOWN.
 4. IRRIGATION PIPING DOWNSTREAM OF AUTOMATIC CONTROL VALVE IS NOT SHOWN.
 5. RECYCLED WATER SHALL NOT BE CONNECTED TO THE ON-SITE RECYCLED WATER SYSTEM UNTIL SATISFACTORY COMPLETION OF A CROSS-CONNECTION TEST BY AN AWWA-CERTIFIED CROSS CONNECTION CONTROL SPECIALIST.
 6. RELOCATE EXIST ROTARY SPRINKLER TO PREVENT OVERSPRAY ONTO DRINKING FOUNTAIN, OR INSTALL PROTECTIVE SHIELD ON FOUNTAIN.

FINAL INSPECTION NOTES OF MAY 5, 2000:

- 1 CHANGE 12" THROW HEAD TO 10" THROW HEAD AT WEST DRINKING FOUNTAIN TO MINIMIZE OVERSPRAY ADJACENT TO DRINKING FOUNTAIN.
- 2 SPRAY HEADS ALONG PERIMETER WALKWAYS TO BE GENERALLY LIMITED TO OPERATE HOURS OF MIDDNIGHT TO 6:00 AM TO MINIMIZE EXPOSURE TO THE PUBLIC FROM WALKWAY OVERSPRAY.
- 3 PRIOR TO EXTENSION OF SERVICE TO PLAYGROUND AREA, DISTRICT WILL PERFORM ADDITIONAL CROSS CONNECTION AND COVERAGE TESTING AND SUPPLY DOCUMENTATION THEREOF TO DEPT. OF HEALTH SERVICES.

CHILDRENS PLAY AREA TO BE COMPLETED IN MAY/JUNE 2000
 CROSS CONNECTION TESTING WILL BE PERFORMED UPON COMPLETION OF CONSTRUCTION

AREAS TO BE SERVED BY THESE VALVES ARE UNDER CONSTRUCTION UNTIL APPROX MAY/JUNE 2000. CAPS ON LINES ARE ASSUMED.

IRRIGATION SERVICE AREA FOR INITIAL CROSS CONNECTION TESTING

SET TIMER TO IRRIGATE AREA OF PICNIC TABLES APPROX 12 AM-2 AM

2 SMALL SIGNS ON BP CAGE SEE SCHEMATIC "A"

SEE SCHEMATIC "A"

SEE NOTE 6

LOCATE SIGN IN FRONT OF PLANTER

PROPOSED IRRIGATION LINE TO BE CONSTRUCTED BY MAY/JUNE 2000

FINAL

DESIGNED	LRC	SUBMITTED	FILE 120-001
DRAWN	BAD	APPROVED	DU RWD/JMG
CHECKED	GEL	APPROVED	DATE MAY 2000

DUBLIN SAN RAMON SERVICES DISTRICT

CLEAN WATER REVIVAL CUSTOMER CONNECTION DWG

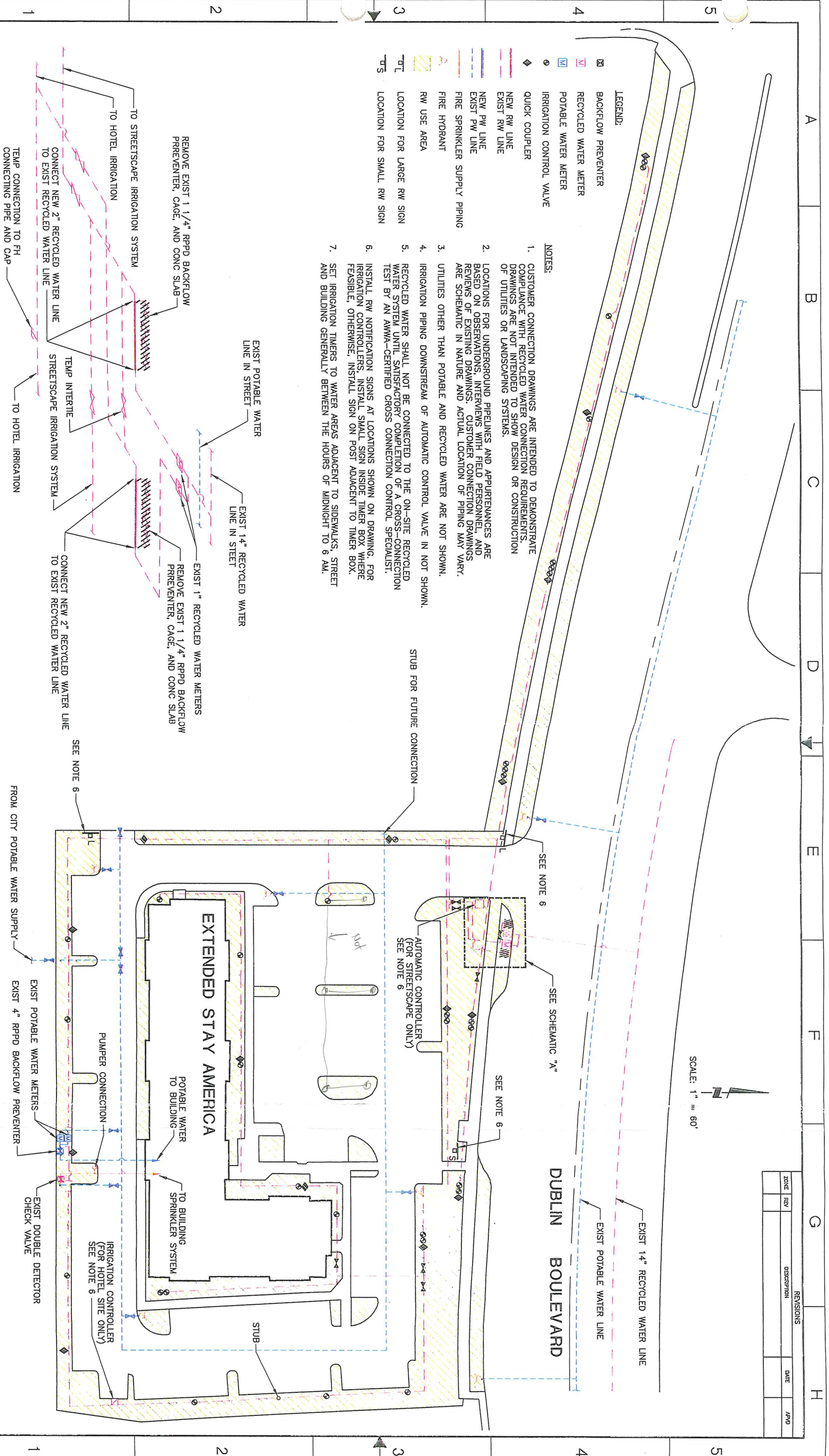
EMERALD GLEN PARK (PHASE I)

RW 6
 SHEET 1 OF 2

A B C D E F G H

1 2 3 4 5

REVISIONS		DATE	APP
ZONE	REV		



SCALE: 1" = 60'

SCHEMATIC A - RECYCLED WATER CONNECTION

NTS



HydroScience Engineers, Inc.

DESIGNED	LRC	SUBMITTED	DATE
DRAWN	BAD	APPROVED	DATE
CHECKED	GEL	APPROVED	DATE

REF 120-001	DATE
EXT. STAIRWING	DATE
CD	DATE
MARCH 2000	DATE

DUBLIN SAN RAMON SERVICES DISTRICT

CLEAN WATER REVIVAL CUSTOMER CONNECTION DWG

EXTENDED STAY AMERICA DUBLIN BOULEVARD

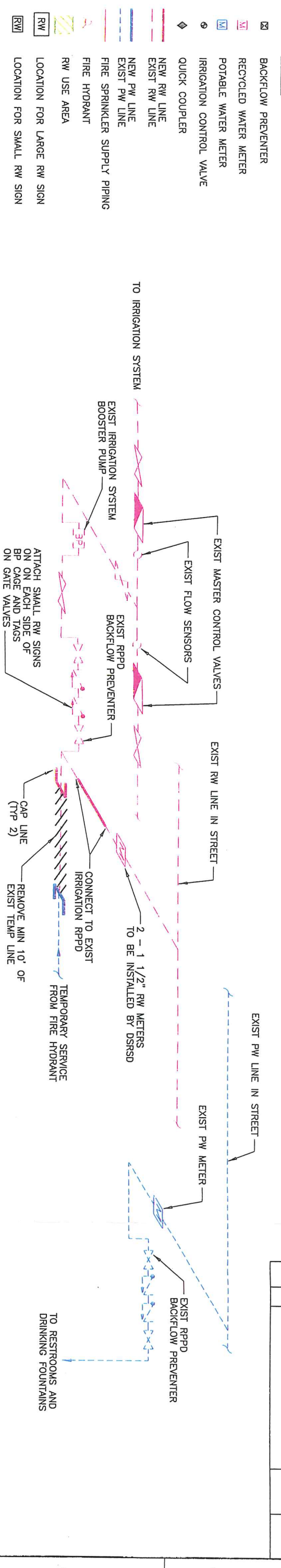
PROJECT NUMBER

RW 1

SHEET

1 OF 1

REVISIONS		
ZONE	REV	DESCRIPTION



SCHEMATIC A - RECYCLED WATER CONNECTION
N.T.S.

- NOTES:**
1. CUSTOMER CONNECTION DRAWINGS ARE INTENDED TO DEMONSTRATE COMPLIANCE WITH RECYCLED WATER CONNECTION REQUIREMENTS. DRAWINGS ARE NOT INTENDED TO SHOW DESIGN OR CONSTRUCTION OF UTILITIES OR LANDSCAPING SYSTEMS.
 2. LOCATIONS FOR UNDERGROUND PIPELINES AND APPURTENANCES ARE BASED ON OBSERVATIONS, INTERVIEWS WITH FIELD PERSONNEL, AND REVIEWS OF EXISTING DRAWINGS. CUSTOMER CONNECTION DRAWINGS ARE SCHEMATIC IN NATURE AND ACTUAL LOCATION OF PIPING MAY VARY.
 3. UTILITIES OTHER THAN POTABLE AND RECYCLED WATER ARE NOT SHOWN.
 4. IRRIGATION PIPING DOWNSTREAM OF AUTOMATIC CONTROL VALVE IN NOT SHOWN.
 5. RECYCLED WATER SHALL NOT BE CONNECTED TO THE ON-SITE RECYCLED WATER SYSTEM UNTIL SATISFACTORY COMPLETION OF A CROSS-CONNECTION TEST BY AN AWWA-CERTIFIED CROSS CONNECTION CONTROL SPECIALIST.

FINAL



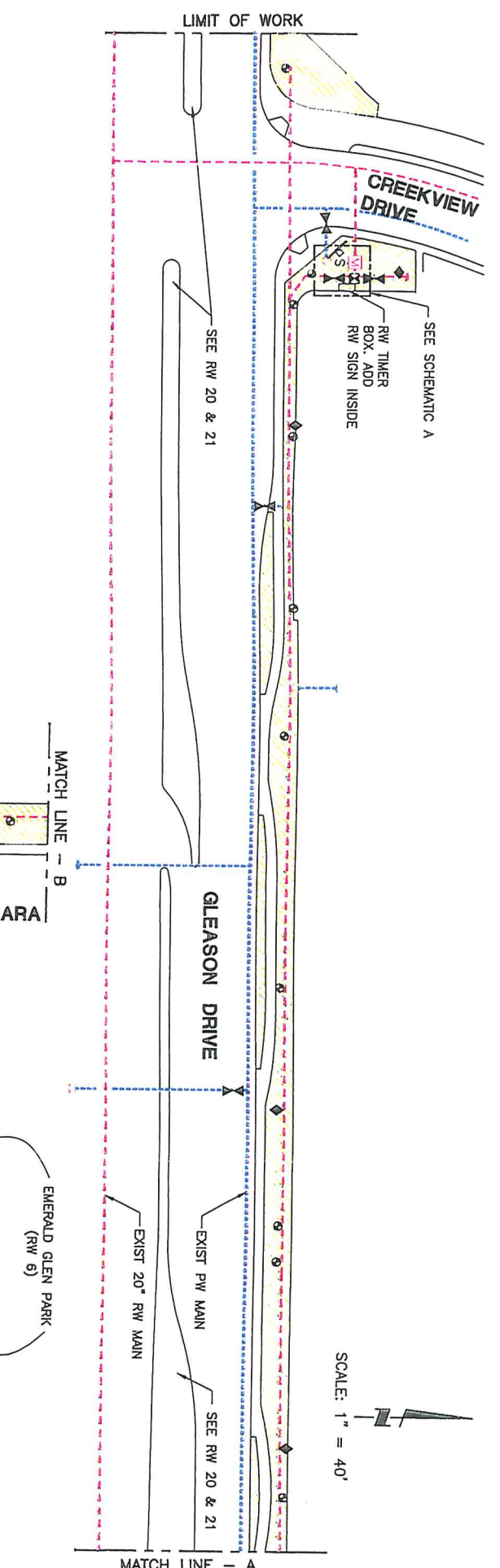
DESIGNED	LRC	SUBMITTED	DATE	FILE 120-001
DRAWN	BAD	APPROVED	DATE	DO RW/DWG
CHECKED	GEL	DATE	DATE	DATE MAY 2000

DUBLIN SAN RAMON SERVICES DISTRICT

CLEAN WATER REVIVAL CUSTOMER CONNECTION DWG

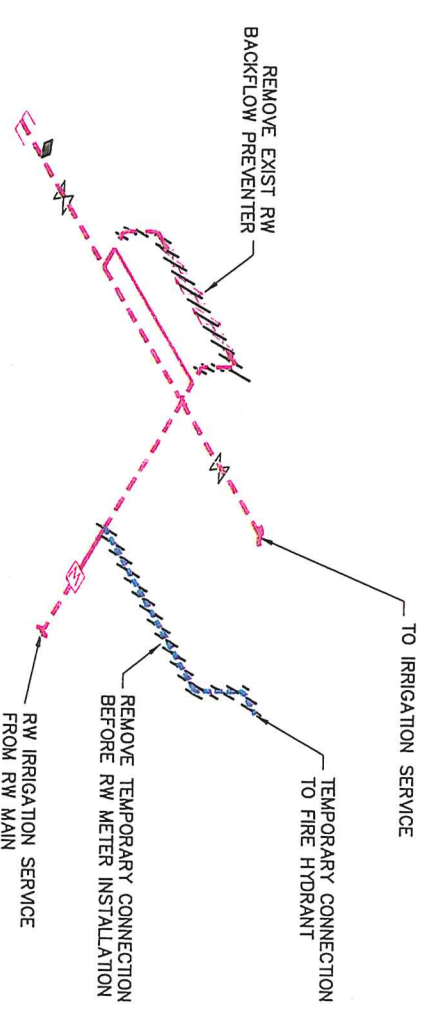
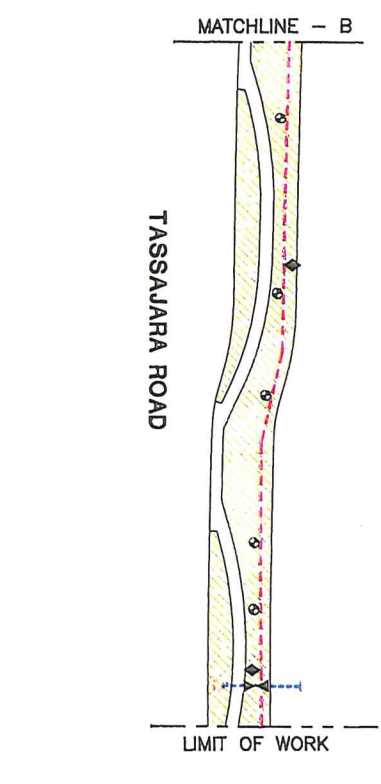
EMERALD GLEN PARK (PHASE 1)

DRAWING NUMBER	RW 7
SHEET	2 OF 2



SCALE: 1" = 40'

- LEGEND:**
- ▢ BACKFLOW PREVENTER
 - ▢ RECYCLED WATER METER
 - ▢ POTABLE WATER METER
 - IRRIGATION CONTROL VALVE
 - BALL VALVE
 - ◇ QUICK COUPLER
 - ▽ GATE VALVE
 - NEW RW LINE
 - EXIST RW LINE
 - NEW PW LINE
 - EXIST PW LINE
 - FIRE SPRINKLER SUPPLY PIPING
 - FIRE HYDRANT
 - ▭ RW USE AREA
 - TL LOCATION FOR LARGE RW SIGN
 - TS LOCATION FOR SMALL RW SIGN



SCHEMATIC A - RECYCLED WATER CONNECTION
N.T.S.

- NOTES:**
1. CUSTOMER CONNECTION DRAWINGS ARE INTENDED TO DEMONSTRATE COMPLIANCE WITH RECYCLED WATER CONNECTION REQUIREMENTS. DRAWINGS ARE NOT INTENDED TO SHOW DESIGN OR CONSTRUCTION OF UTILITIES OR LANDSCAPING SYSTEMS.
 2. LOCATIONS FOR UNDERGROUND PIPELINES AND APPURTENANCES ARE BASED ON OBSERVATIONS, INTERVIEWS WITH FIELD PERSONNEL, AND REVIEWS OF EXISTING DRAWINGS. CUSTOMER CONNECTION DRAWINGS ARE SCHEMATIC IN NATURE AND ACTUAL LOCATION OF PIPING MAY VARY.
 3. UTILITIES OTHER THAN POTABLE AND RECYCLED WATER ARE NOT SHOWN.
 4. IRRIGATION PIPING DOWNSTREAM OF AUTOMATIC CONTROL VALVE IS NOT SHOWN.
 5. NO POTABLE WATER SERVICE TO THE RECYCLED WATER USE SITE. CROSS CONNECTION TEST NOT NECESSARY.
 6. INSTALL RW NOTIFICATION SIGNS AT LOCATIONS SHOWN ON DRAWING. FOR IRRIGATION CONTROLLERS, INSTALL SMALL SIGN INSIDE TIMER BOX WHERE FEASIBLE. OTHERWISE, INSTALL SIGN ON POST ADJACENT TO TIMER BOX.
 7. SET IRRIGATION TIMERS TO WATER BETWEEN THE HOURS OF 9 P.M. TO 7 A.M.

DESIGNED	FKC	SUBMITTED	DATE	FILE	120-005
DRAWN	BAD	APPROVED	DATE	REV	RW 26/DWG
CHECKED	GEL	APPROVED	DATE	DATE	FEB 2001

DUBLIN SAN RAMON SERVICES DISTRICT

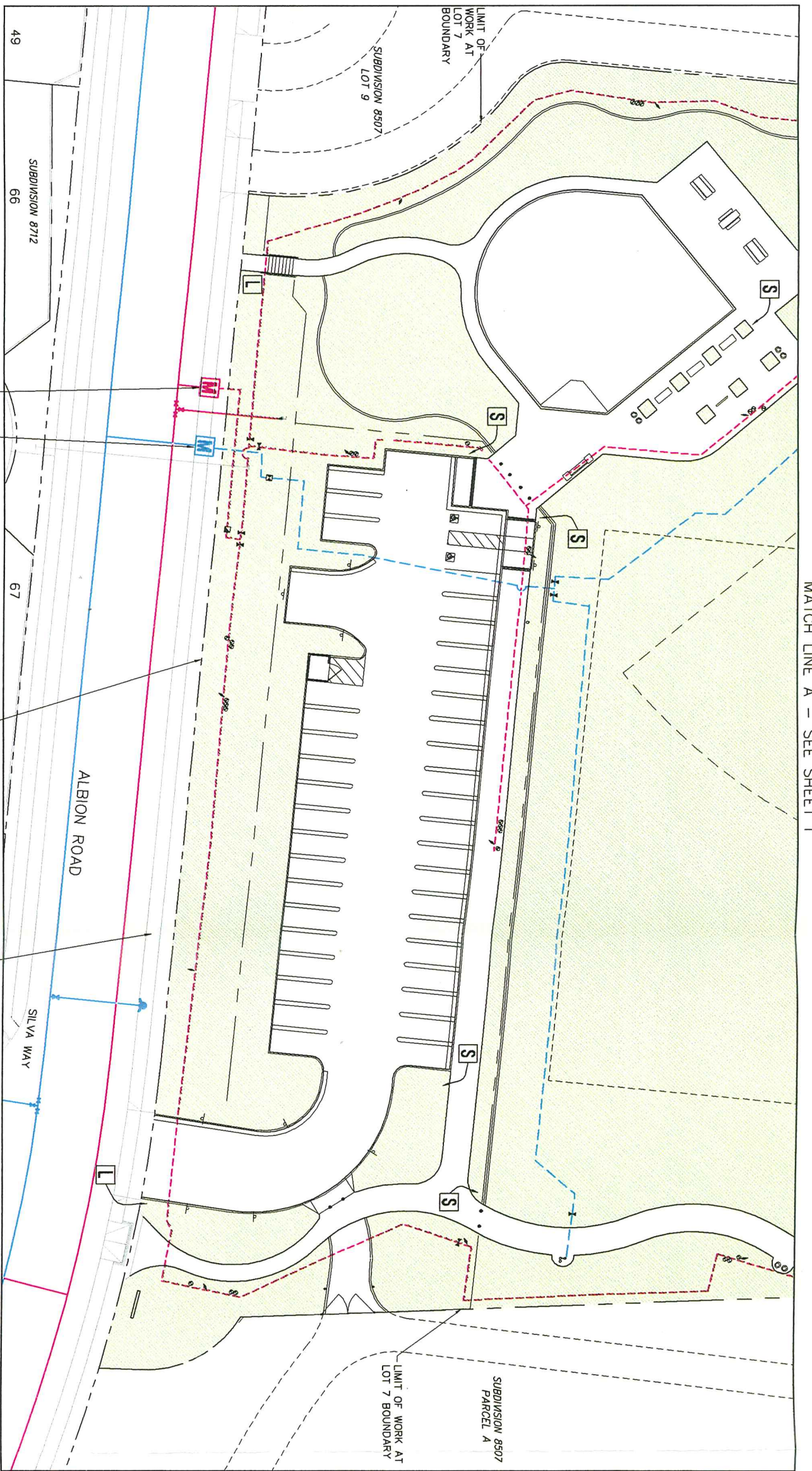
CLEAN WATER REVIVAL CUSTOMER CONNECTION DWG

TASSAJARA MEADOWS #2 - PUBLIC STREET LANDSCAPE IMPROVEMENTS

DRAWING NUMBER **RW 26**
SHEET 1 OF 1

REVISIONS		
ZONE	REV	DATE

MATCH LINE A - SEE SHEET 1



POINT OF CONNECTION TO RECYCLED WATER:
 2" WATER METER WITH 4" SERVICE LINE FOR IRRIGATION SHALL BE PROVIDED BY D.S.R.S.D. MAXIMUM IRRIGATION DEMAND: 100 GPM AT 61 PSI STATIC PRESSURE AT WATER METER LOCATION.

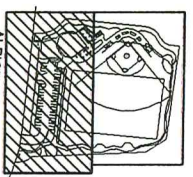
POINT OF CONNECTION TO POTABLE WATER: 5/8" WATER METER WITH 1" SERVICE LINE FOR DRINKING FOUNTAINS AND RESTROOM SHALL BE PROVIDED BY D.S.R.S.D. MAXIMUM WATER DEMAND: 6 GPM AT 104 PSI STATIC PRESSURE AT WATER METER LOCATION. SET DISCHARGE PRESSURE AT PRESSURE REDUCING VALVE TO 60 PSI UNDER A MAXIMUM FLOW CONDITION.

REFER TO "RA1142 LANDSCAPE IMPROVEMENT PLANS" FOR AREA BETWEEN SIDEWALK AND STREET (TYPICAL)

LEGEND

- EX. POTABLE LINE
- ONSITE POTABLE LINE
- EX. RECYCLED LINE
- ONSITE RECYCLED LINE
- ⊕ REMOTE CONTROL VALVE
- ⊕ GATE VALVE
- ⊕ QUICK COUPLING VALVE
- ⊕ BACKFLOW PREVENTER
- ⊕ FIRE HYDRANT
- ⊕ SMALL RECYCLED WATER SIGN
- ⊕ LARGE RECYCLED WATER SIGN
- ⊕ POTABLE WATER METER
- ⊕ RECYCLED WATER METER

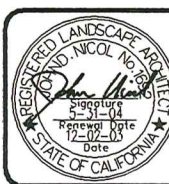
KEY MAP



CUSTOMER CONNECTION DRAWING

PA 0005
 HIDDEN VALLEY PARK
 WINDEMERE PHASE 2
 SAN RAMON, CALIFORNIA
 WINDEMERE B.L.C. LAND CO. LLC
 SAN RAMON, CALIFORNIA

JOHN NICOL & ASSOCIATES INC.
 1299 NEWELL HILL PLACE, SUITE 301
 WALNUT CREEK, CA 94596-5231
 TEL (925) 934-7140 FAX (925) 934-7143



DATE	REVISIONS	BY

DRAWN: I.T.
 CHECKED: M.L.
 DATE: 12-02-03
 SCALE: NONE
 JOB #: 673.17H

Dublin San Ramon Services District PLAN CHECK CHECKLIST

(This is to be used as a guide only. Additional requirements may apply.)

Subdivision: _____ **Date Received:** _____

Project No. _____ **Date Returned:** _____

Project Type: Residential Commercial Industrial Institutional Retrofit

Service Type: Potable Water Recycled Water

Base Sheets/General

Yes	COMPLY		Noted on Dwgs	
	No	N/A		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycled Water Service Application submitted
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Customer Connection Drawings (11"x17") submitted
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	22" x 34" minimum sheet size (DSRSD I-B6-1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Drawing scale is minimum of 1"=40' (DSRSD I-B6-1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Title block, scale, and north arrow shown
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Architect's stamp, license number, expiration date and signature included
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location Map shown including public roads (DSRSD I-B6-1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Drawing key included (DSRSD I-B6-1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No text/line, text/text or line/line conflicts cause illegibility of improvements
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Limits of work clearly shown
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Public right-of-way shown
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Street names shown
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Easements for potable and recycled water lines outside of public right-of-way shown (DSRSD I-B6-1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location of fire hydrants, valves, and appurtenances for water systems shown (DSRSD I-B6-1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location of valves, and appurtenances for recycled water systems shown (DSRSD I-B6-1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location of manholes, cleanouts, and appurtenances for sewer systems shown (DSRSD I-B6-1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location of utility poles, street lights and trees shown (DSRSD I-B6-1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location of potable and recycled water mains, storm drain and sanitary sewer line in vicinity of proposed potable water and/or recycled water facilities shown (DSRSD I-B6-1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dublin San Ramon Services District comments included

Irrigation

Yes	COMPLY		Noted on Dwgs	
	No	N/A		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	System designed for use of reclaimed water
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Note included on drawings stating "Work shall comply with the Standards, Procedures, Specifications, and Drawings of Dublin San Ramon Services District." (DSRSD I-B6-1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Note included on drawings stating "Cross-connections between recycled water and potable water systems are prohibited."
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Applicable DSRSD "Typical Construction Notes for On-Site Recycled Water Irrigation Plans" included
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Notes and Specifications do not conflict with DSRSD Standards
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Legends do not conflict with DSRSD Standards and summarizes the manufacturer name, model number, and includes recycled water options on equipment as applicable

Yes	COMPLY		Noted on Dwgs	
	No	N/A		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Details do not conflict with DSRSD Standards
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Point of connection, controller, mainline, valves and sleeve locations shown within project limits
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location and size of irrigation water meter noted
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Static water pressure (psi) at the point of connection is noted and pressure reducing valve included if required.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No connection between recycled systems and potable water systems (DSRSD IV-A4-10 & RWUGR 6.2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hydrant meter with backflow preventer installed on recycled water systems with temporary connection to potable water service via fire hydrant (DSRSD IV-A4-3 & IV-A4-8)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Backflow preventer installed on potable water connections to sites which also use recycled water (DSRSD IV-A4-3 & RWUGR 6.2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Backflow preventer installed 1 foot downstream of water meter on potable water systems
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No irrigation with recycled water within 50 feet of domestic water supply well (DSRSD IV-A4-5.01-1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No impoundment of recycled water within 100 feet of domestic water supply well (DSRSD IV-A4-5.01-2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Air gap separation provided for recycled water systems supplemented by potable water (DSRSD IV-A4-10.01)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycled water lines are 10 feet minimum from parallel potable water lines (RWUGR 6.2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycled water lines are 12 inches minimum below potable water lines at crossings (DSRSD IV-A4-1 & RWUGR 6.2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pressure reducing valve included (DSRSD IV-A4-2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No hose bibbs installed on recycled water systems (DSRSD IV-A4-4 & RWUGR 6.2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Quick coupling valves have purple covers (DSRSD IV-B1-2.03)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Purple valve boxes indicated (DSRSD IV-B1-2.05)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sprinklers with purple cover indicated (DSRSD IV-B1-2.05)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sprinkler radius and pressure is provided (maximum spacing between sprinkler heads is at the listed radius of throw)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Drinking fountains are located outside of spray irrigation areas (DSRSD IV-A4-5.01-3 & RWUGR 6.2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PVC pipe and fittings are installed below grade (DSRSD IV-B1-1.01-1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mainlines (constant pressure) 3 inches or larger are 24 inches minimum cover (DSRSD IV-A4-1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mainlines (constant pressure) 2-1/2 inches and smaller is 18 inches minimum cover (DSRSD IV-A4-1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lateral lines (intermittent pressure) are 12 inches minimum cover (DSRSD IV-A4-1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pipe depth under paved areas is increased to include roadway section (DSRSD IV-A4-1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mainlines (constant pressure) 2 inches to 3 inches diameter is solvent weld Schedule 40 PVC; ring-tite Class 160 PVC; or solvent weld Class 315 PVC (DSRSD IV-B1-1.01-10.1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mainlines (constant pressure) 1-1/2 inches diameter or smaller is solvent weld Schedule 40 PVC (DSRSD IV-B1-1.01-10.2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lateral lines (intermittent pressure) is solvent weld Schedule 40 PVC or solvent weld class 200 PVC (DSRSD IV-B1-1.01-10.3)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Schedule 40 and Schedule 80 PVC conforms to ASTM D1785 and D2466 (DSRSD IV-B1-1.01-4)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Class 160, Class 200, and Class 315 solvent weld and ring-tite pipe conforms to with ASTM D2241 (DSRSD IV-B1-1.01-5)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PVC fittings are minimum Schedule 40 PVC solvent weld or rubber-ring joint (DSRSD IV-B1-1.01-7 & IV-B1-1.01-10.4)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Purple pipe for mainlines (constant pressure) and lateral lines (intermittent pressure) is PW PurplePlus, JM PurpleSave or approved equal (DSRSD IV-B1-1.03 & RWUGR 6.2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PVC solvent cement conforms to ASTM D2564 (DSRSD IV-B1-1.01-9)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Drip tubing is virgin polyethylene and conforms to ASTM D1248, Type II, Class C or approved equal (DSRSD IV-B1-1.02-3)

Yes	COMPLY		Noted on Dwgs	
	No	N/A		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	HDPE pipe conforms to AWWA C901 or AWWA C906-99 having PPI material designation of PE 3408, cell classification of PE 345464C per ASTM D3350 (DSRSD IV-B1-1.02-4)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wrought copper or bronze solder fittings conforms to ANSI B.16.22 (DSRSD IV-B1-1.02-1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Copper Type K conforms to ANSI H-26.1 and ASTM B88 (DSRSD IV-B1-1.02-2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pipe sizing shown including labeling pipe at ends of pipe runs of various sizes, feed lines and typical offsets
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All risers for valves and blow-offs are purple pipe (DSRSD IV-B1-1.03)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Exposed or above ground equipment, such as blowoffs, valves, pumps and water meters are labeled with recycled water tags (DSRSD IV-B1-2.01)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycled water identification tags used for, quick couplers, storage tanks, air/vacuum relief valves, pressure reducing valves, pumps, or other appurtenances if not purple in color (RWUGR 6.2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Quick couplers have ACME thread body with purple rubber or vinyl cover (DSRSD IV-B1-2.01)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycled water identification tags used are T. Christy Enterprises 3150 or equal (DSRSD IV-B1-2.06 & RWUGR 6.2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Warning tape and/or encasement is Pantone 512, T. Christy Enterprises, Rencor or equal (DSRSD IV-B1-1.03)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Thrust blocks conform to DSRSD Standards II-B1-3 (DSRSD IV-B1-3)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Precipitation rates for each valve circuit shown
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycled irrigation system does not exceed evapotranspiration rate of plants (DSRSD IV-A4-5.01-4)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Irrigation system will not cause surface flows that ponds or enter water of the State (DSRSD IV-A4-5.01-7)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Irrigation system is configured to prevent run-off outside of approved use area such as within dwelling, food handling facility or in contact with drinking fountain (RWUGR 6.2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Irrigation system designed to prevent overspray and run off outside the landscape area (not onto public paving)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Irrigation system is configured to eliminate ponding (RWUGR 6.2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Irrigation system is configured to prevent wind-blown spray outside of approved use area (RWUGR 6.2)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Locations of DSRSD Recycled Water signs shown (DSRSD IV-A4-7)

DSRSD: Dublin San Ramon Services District Standard Specifications and Drawings
 DSRSD RWUGR: Dublin San Ramon Services District Recycled Water Use Guidelines and Requirements

Additional Comments:

RECYCLED WATER PROGRAM PROCEDURE

