

**JURUPA COMMUNITY SERVICES DISTRICT
RIVERSIDE, CALIFORNIA**

ADDENDUM NO. 4

**TO THE PLANS AND SPECIFICATIONS FOR
RECYCLED WATER PROGRAM – SEGMENT 3 FINAL DESIGN
JCSD P.N. C215078**

Bidders are advised that the plans and specifications for the above-referenced contract are hereby amended in the following manner and the following manner only:

A. GENERAL

All provisions of this Addendum No. 4 are hereby incorporated into the Contract Documents and bidders shall account for all provisions pursuant to this Addendum No. 4 in submitting their bid proposals. Each Bidder shall include a dated and signed copy of this Addendum No. 4 acknowledgment sheet with his sealed bid proposal.

B. PLANS

Sheets 2, 11, 23 have been revised.

Sheet 2 has been revised to include Construction Note No. 37 describing the Installation of 18-inch diameter flanged ductile iron cross with FLxMJ adapters that is to be installed at the intersection of Scholar Way and 65th Street, as well as Construction Note No. 38 which describes an 8-inch flanged tee to be installed to accommodate connection to the future Tract No. 38167 recycled water connection.

Sheet 11 has been revised to indicate an 18-inch flanged ductile iron cross with an 18-inch butterfly valve and 18-inch blind flange on the eastbound leg of the cross rather than an 18" ductile iron flanged tee fitting shall be installed at Scholar Way Station 96+44.35 at the intersection of Scholar Way and 65th Street. Construction Note #37 describing the 18" ductile iron cross has been added to the Construction Note list and has been used in plan and profile.

Sheet 23 has been revised to include a future development project with potable water, recycled water, and sewer lines that will be constructed prior to the construction of Segment 3 Recycled Water on Orange Street. The future Tract No. 38167 development will construct an 8-inch gravity sewer that will connect to the existing manhole ID No. 3929 on Orange Street, as well as 8-inch diameter recycled waterline that will be blind flanged until connection is made during the Segment 3 construction. The 8-inch gravity sewer, 8-inch recycled water, and 8-inch potable water (by others) has been added to the plan and profile as an existing

utility crossing or connection. An 8-inch flanged tee has been added to the plan and profile at the proposed connection point.

The revised Sheets 2, 11, and 23 are included in **Attachment A**.

C. SPECIFICATIONS

PROPOSAL DOCUMENTS:

The following section of the Proposal Documents has been revised. A revised Proposal Documents section can be found in **Attachment B**.

5. Bid Item Schedule

An additional 18-inch butterfly valve has been added to the quantity for Bid Item No. 111, to reflect the one additional butterfly valve indicated on Sheet 11 at the intersection of Scholar Way and 65th Street.

Bid Item No. 163 has been revised to reference Appendix H, rather than the previously referenced Appendix G, for the Implementation of Environmental Measures provided in Appendix H.

SPECIAL REQUIREMENTS:

The following sections of the Special Requirements have been revised.

22. On-Site Service Installations

The following paragraph comprising Section 22. On-Site Service Installations of the Special Requirements has been revised:

The contractor shall be responsible for furnishing and installing the meter lateral per the sizes shown on the plans. The contractor shall also be responsible for installing the meter boxes (unless existing meter box is to be used), the meters themselves (***unless existing meter is to be used***), and the removal and disposal of the existing meter laterals, meter boxes and meters. See Item 40 – Project Phasing Requirements for additional details.

36. Pavement Repair, Replacement, and Recapping

The following paragraph in Section 36. Pavement Repair, Replacement, and Recapping of the Special Requirements has been revised:

Pavement saw cutting, removal, restoration, grind, capping, replacement and trench repair shall comply with the City of Eastvale encroachment permit requirements. City of Eastvale Encroachment Permit requirements shall govern if more stringent. No additional compensation will be granted. ***The AC cap material***

shall be rubberized throughout the entire Project. The rubberized asphalt mix design shall be ARHM-GG-C1/2” PG-64-16.

APPENDICIES:

1. Appendix K has been modified to include updated Standard Drawing details for R/NP-8, -8A, -8B, -9, -9A, -9B, -10, -10A, -10B, and -10C. The updated Appendix K section has been included in its entirety in **Attachment C**.

D. QUESTIONS

1. Can the contractor use multiple crews?

Answer: The District recommends the deployment of multiple crews to complete this project successfully. This will facilitate timely completion and ensure operational efficiency.

However, the City of Eastvale may restrict the work of crews on the same street or within the immediate vicinity of each other unless the City approves it at its discretion. The restriction is intended to prevent congestion, ensure safety, and minimize disruption to the local community. The restriction applies unless the City grants a special exemption. The contractor shall propose their intended work plan, including crew size, location, and traffic control plans, to the City for approval. No additional compensation will be allowed for the above-mentioned requirements.

2. Can you please confirm AC cap material is Conventional or Rubberized?

Answer: The AC cap material shall be rubberized throughout the entire Project. The rubberized asphalt mix design shall be ARHM-GG-C1/2” PG-64-16.

3. Can the traffic control surrounding the bore pit be K-Rail and permanent for the duration of the jack and bore operation?

Answer: The use of Traffic Control Plans (TCPs) in accordance with the Special Requirements and approved by the City are at the sole discretion of the Contractor. The traffic control plans submitted as part of the Design Review were approved by the City of Eastvale for pipeline construction, with the exception of the proposed grind and overlay. The District does not review nor approve Traffic Control Plans, as that is at the discretion of the City of Eastvale and City of Ontario. Preparation of other Traffic Control Plans other than the provided TCPs shall be provided for by the Contractor at their sole discretion and expense.

4. Can the work hours for the jack and bore operation be increased to 7:00 AM – 5:00 PM (10 Hours)?

Answer: No, according to the City, the work hours may not be increased due to the City of Eastvale requirements to not allow work to be performed between 8:30 AM – 3:30 PM within residential areas or on major streets that are adjacent to residential neighborhoods.

5. Is the steel casing required to be backfilled with sand per SSPWC 307-1.3? The casing diameter will need to be increased because the bell diameter of the 16" PVC C-900 is 21". The ID of the 24" steel casing is 23", $23-21 = 2$ " clearance or 1" if centered into the casing, this does not give a 2" sand line room to pass between the casing and PVC bell.

Answer: The steel casing shall not be backfilled with sand per SSPWC 307-1.3, since insufficient room is available between the casing and the PVC bell. Instead, the casing shall be provided with a watertight seal at the ends of the casing and the annular space shall not be backfilled.

6. Can nightwork be performed within the City of Eastvale?

Answer: Nightwork will not be permitted by the City of Eastvale. Work hours within the City of Eastvale shall occur between 8:30 AM and 3:30 PM within residential areas and/or neighboring major streets.

However, work along Orange Street from the intersection with Scholar Way to approximately 100 feet west of the western property boundary of Eastvale Elementary School may fall out of the bounds of this definition for nightwork exclusion, and therefore nightwork for this portion of the Project may be allowed, pending approval from the City of Eastvale. The Contractor is encouraged to consider night work in this area to reduce impacts to the school areas on Orange Street during the daytime.

7. Are the Westlake Pipe & Fittings 18-inch C-900 "Certa-Lok RJIB" DR 18 PVC Pipe be approved for use as an alternative to C-900 DR 18 pipe with external restraints?

Answer: Unfortunately, due to the project schedule, JCSD is unable to certify the Westlake Pipe & Fittings 18-inch C-900 "Certa-Lok RJIB" DR 18 PVC Pipe at this time. If a review for approval on future projects is desired, please contact Dr. Seungwon Won at swon@jcsd.us.

By: 
Shane Bloomfield (Engineer of Record)

Date: 3/27/25

ADDENDUM NO. 4 ACKNOWLEDGEMENT

Bidder hereby acknowledges receipt of Addendum No. 4 and the incorporation thereof in bid proposal for: RECYCLED WATER PROGRAM – SEGMENT 3 FINAL DESIGN JCSD P.N. C215078 and bidders shall account for all provisions pursuant to this Addendum No. 4. **This acknowledgement page shall be signed, dated, and included with the Bid Proposal Packet.**

Contractor: _____

By: _____
(Contractor's Authorized Representative)

Date: _____

Title: _____

ATTACHMENT A

CONSTRUCTION NOTES

1. INSTALL 18" DIA. RECYCLED WATER MAIN (C-900 CL 235 PVC). TRENCHING, BEDDING, AND BACKFILL PER JCSD STD. DWG. R/NP-2A, SPEC SECTION F, AND CITY OF EASTVALE PERMIT REQUIREMENTS.
2. INSTALL 18" DIA. FLANGED DUCTILE IRON 11.25" BEND W/FL X MJ ADAPTER(S)
3. INSTALL 18" DIA. FLANGED DUCTILE IRON 22.5" BEND W/FL X MJ ADAPTER(S)
4. INSTALL 18" DIA. FLANGED DUCTILE IRON 45" BEND W/FL X MJ ADAPTER(S)
5. INSTALL 18" DIA. FLANGED DUCTILE IRON 90" BEND W/FL X MJ ADAPTER(S)
6. INSTALL 18" DIA. FL X FL BFV W/FL X MJ ADAPTER(S) PER JCSD STD. DWG. R/NP-7
7. INSTALL 18" DIA. FLANGED DUCTILE IRON TEE W/FL X MJ ADAPTER(S)
8. INSTALL 18" X 16" DIA. FLANGED DUCTILE IRON REDUCER W/FL X MJ ADAPTER(S)
9. INSTALL 18" X 12" DIA. FLANGED DUCTILE IRON REDUCER W/FL X MJ ADAPTER(S)
10. INSTALL 18" X 8" DIA. FLANGED DUCTILE IRON TEE W/FL X MJ ADAPTER(S)
11. INSTALL 16" DIA. RECYCLED WATER MAIN (C-900 CL 235 PVC). TRENCHING, BEDDING, AND BACKFILL PER JCSD STD. DWG. R/NP-2A, SPEC SECTION F, AND CITY OF EASTVALE PERMIT REQUIREMENTS.
12. INSTALL 16" DIA. FLANGED DUCTILE IRON 90" BEND W/FL X MJ ADAPTER(S)
13. INSTALL END CAP AND THRUST BLOCK PER JCSD STD. DWG. C-1 OR C-2
14. INSTALL 12" DIA. RECYCLED WATER MAIN (C-909 CL 235 PVC). TRENCHING, BEDDING, AND BACKFILL PER JCSD STD. DWG. R/NP-2A, SPEC SECTION F, AND CITY OF EASTVALE PERMIT REQUIREMENTS.
15. INSTALL 12" DIA. FL X FL RSGV W/FL X MJ ADAPTER(S) PER JCSD STD. DWG. R/NP-6
16. INSTALL 12" DIA. FLANGED DUCTILE IRON 45" BEND W/FL X MJ ADAPTER(S)
17. INSTALL 8" DIA. RECYCLED WATER MAIN (C-909 CL 235 PVC). TRENCHING, BEDDING, AND BACKFILL PER JCSD STD. DWG. R/NP-2A, SPEC SECTION F, AND CITY OF EASTVALE PERMIT REQUIREMENTS.
18. INSTALL 8" DIA. FL X FL RSGV W/FL X MJ ADAPTER(S) PER JCSD STD. DWG. R/NP-6
19. INSTALL 2" AIR RELEASE AND VACUUM VALVE ASSEMBLY PER JCSD STD. DWG. R/NP-14
20. INSTALL 3" AIR RELEASE AND VACUUM VALVE ASSEMBLY PER JCSD STD. DWG. R/NP-15A
21. INSTALL 4" BLOW-OFF ASSEMBLY PER JCSD STD. DWG. R/NP-17
22. INSTALL 6" BLOW-OFF ASSEMBLY PER JCSD STD. DWG. R/NP-18/A DEPENDING ON PIPE MATERIAL
23. PAVING PER CITY OF EASTVALE ENCROACHMENT PERMIT REQUIREMENTS AND SPEC SECTION G.
24. INSTALL 18" BLIND FLANGE
25. INSTALL 1" RECYCLED WATER SERVICE LATERAL, 3/4" METER AND METER BOX PER JCSD STD. DWG. R/NP-8/8A DEPENDING ON PIPE MATERIAL, CAP PIPING ON CUSTOMER SIDE OF METER VAULT
26. INSTALL 2" RECYCLED WATER SERVICE LATERAL, 1.5" METER AND METER BOX PER JCSD STD. DWG. R/NP-9/9A DEPENDING ON PIPE MATERIAL, CAP PIPING ON CUSTOMER SIDE OF METER VAULT
27. INSTALL 2" RECYCLED WATER SERVICE LATERAL, METER, AND METER BOX PER JCSD STD. DWG. R/NP-10/10A DEPENDING ON PIPE MATERIAL, CAP PIPING ON CUSTOMER SIDE OF METER VAULT
28. INSTALL 8" X 4" DIA. FLANGED DUCTILE IRON TEE W/FL X MJ ADAPTER
29. INSTALL 6" X 4" FL X FL DUCTILE IRON REDUCER

CONSTRUCTION NOTES

30. INSTALL 4" FL X FL RSGV W/FL X MJ ADAPTER(S) PER JCSD STD. DWG. R/NP-6 AND 4" PIPING WITH CAP TO LOCATION SHOWN
31. INSTALL 6" FL X FL RSGV W/FL X MJ ADAPTER(S) PER JCSD STD. DWG. R/NP-6 AND 6" PIPING WITH CAP TO LOCATION SHOWN
32. INSTALL 12" X 6" FLANGED DUCTILE IRON TEE W/FL X MJ ADAPTER(S)
33. INSTALL 18" X 6" FLANGED DUCTILE IRON TEE W/FL X MJ ADAPTER(S)
34. ABANDON EXISTING WATER SERVICE LINE PER JCSD STD. DWG. D-9
35. INSTALL 18" X 8" FLANGED DI CROSS W/FL X MJ ADAPTER(S)
36. INSTALL 8" BLIND FLANGE
37. INSTALL 18" DIA. FLANGED DUCTILE IRON CROSS W/FL X MJ ADAPTER(S)
38. INSTALL 8" DIA. FLANGED DUCTILE IRON TEE W/FL X MJ ADAPTER(S)

SHEET INDEX

1. TITLE SHEET
2. NOTES, LEGEND, ABBREVIATIONS, AND INDEX SHEET
3. CITRUS STREET - PLAN AND PROFILE STA. 10+00.00 TO STA. 18+00.00
4. CITRUS STREET - PLAN AND PROFILE STA. 18+00.00 TO STA. 28+00.00
5. CITRUS STREET - PLAN AND PROFILE STA. 28+00.00 TO STA. 36+00.00
6. SCHOLAR WAY - PLAN AND PROFILE STA. 40+00.00 TO STA. 49+00.00
7. SCHOLAR WAY - PLAN AND PROFILE STA. 49+00.00 TO STA. 59+00.00
8. SCHOLAR WAY - PLAN AND PROFILE STA. 59+00.00 TO STA. 69+00.00
9. SCHOLAR WAY - PLAN AND PROFILE STA. 69+00.00 TO STA. 79+00.00
10. SCHOLAR WAY - PLAN AND PROFILE STA. 79+00.00 TO STA. 89+00.00
11. SCHOLAR WAY - PLAN AND PROFILE STA. 89+00.00 TO STA. 99+00.00
12. SCHOLAR WAY - PLAN AND PROFILE STA. 99+00.00 TO STA. 109+00.00
13. SCHOLAR WAY - PLAN AND PROFILE STA. 109+00.00 TO STA. 119+00.00
14. SCHOLAR WAY - PLAN AND PROFILE STA. 119+00.00 TO STA. 129+00.00
15. SCHOLAR WAY - PLAN AND PROFILE STA. 129+00.00 TO STA. 138+00.00
16. SCHOLAR WAY - PLAN AND PROFILE STA. 138+00.00 TO STA. 145+00.00
17. SCHOLAR WAY - PLAN AND PROFILE STA. 145+00.00 TO STA. 154+00.00
18. SCHOLAR WAY - PLAN AND PROFILE STA. 154+00.00 TO STA. 162+00.00
19. BELLEGRAVE AVENUE - PLAN AND PROFILE STA. 162+00.00 TO STA. 171+00.00
20. BELLEGRAVE AVENUE - PLAN AND PROFILE STA. 171+00.00 TO STA. 181+00.00
21. BELLEGRAVE AVENUE - PLAN AND PROFILE STA. 181+00.00 TO STA. 192+61.25
22. ORANGE STREET - PLAN AND PROFILE STA. 10+00.00 TO 16+00.00
23. ORANGE STREET - PLAN AND PROFILE STA. 16+00.00 TO 25+00.00
24. ORANGE STREET - PLAN AND PROFILE STA. 25+00.00 TO 33+72.22
25. CITRUS STREET & SCHOLAR WAY - WATER SERVICE LATERALS & PROFILES
26. POTABLE WATER ABANDONMENT LOCATIONS - PHOTO SHEET

LATERAL INDEX									
Sheet	Station	Lateral/Service Size	Meter Box Size (Internal Dim)-(Provided by Contractor)	Vault Manufacturer	Existing Meter Size	Proposed Meter Size	Existing Meter Number	Meter Model Number	
3	9+10.00	2-inch	P-W6B W/ QUICK READ PORT LID	J&R Concrete	1.5-inch	1.5-inch	44981181	Badger E-Series	
5	30+47.77	6-inch	N/A	N/A	12-inch	N/A	2015029806	Badger E-Series G2	
5	34+04.64	2-inch	P-W6B W/ QUICK READ PORT LID	J&R Concrete	1.5-inch	1.5-inch	43057080	Badger E-Series	
7	49+90.06	8-inch	N/A	N/A	6-inch	N/A	46584826	Badger E-Series G2	
7	55+66.00	2-inch	P-W6B W/ QUICK READ PORT LID	J&R Concrete	1.5-inch	1.5-inch	35767676	Badger E-Series	
8	62+01.19	4-inch	N/A	N/A	3-inch	N/A	46584826-44	Badger E-Series G2	
8	62+69.02	2-inch	P-W6B W/ QUICK READ PORT LID	J&R Concrete	1.5-inch	1.5-inch	46509325	Badger E-Series	
8	65+00.00	2-inch	P-W6B W/ QUICK READ PORT LID	J&R Concrete	1.5-inch	1.5-inch	46190625	Badger E-Series	
9	70+93.05	2-inch	P-W6B W/ QUICK READ PORT LID	J&R Concrete	2-inch	2-inch	46011427	Badger E-Series	
9	73+11.22	2-inch	P-W6B W/ QUICK READ PORT LID	J&R Concrete	2-inch	2-inch	46529699	Badger E-Series	
9	74+66.00	2-inch	P-W6B W/ QUICK READ PORT LID	J&R Concrete	2-inch	2-inch	34049294	Badger E-Series	
9	76+69.00	2-inch	P-W6B W/ QUICK READ PORT LID	J&R Concrete	2-inch	2-inch	43057086	Badger E-Series	
10	84+95.00	2-inch	P-W6B W/ QUICK READ PORT LID	J&R Concrete	2-inch	2-inch	34036823	Badger E-Series	
10	88+90.44	6-inch	N/A	N/A	4-inch	N/A	43747265	Badger E-Series G2	
13	110+79.00	4-inch	N/A	N/A	3-inch	2-inch	45759919	Badger E-Series G2	
13	114+81.50	2-inch	P-W6B W/ QUICK READ PORT LID	J&R Concrete	1.5-inch	1.5-inch	5909555	Badger E-Series	
13	114+83.00	2-inch	P-W6B W/ QUICK READ PORT LID	J&R Concrete	1.5-inch	1.5-inch	43057083	Badger E-Series	
14	124+01.48	2-inch	P-W6B W/ QUICK READ PORT LID	J&R Concrete	2-inch	2-inch	180044529	Badger E-Series	
14	127+58.00	1-inch	P-W6B W/ QUICK READ PORT LID	J&R Concrete	3/4-inch	3/4-inch	46490988	Badger E-Series G2	
18	157+95.16	2-inch	P-W6B W/ QUICK READ PORT LID	J&R Concrete	1.5-inch	1.5-inch	35767672	Badger E-Series	
18	158+09.09	2-inch	P-W6B W/ QUICK READ PORT LID	J&R Concrete	2-inch	2-inch	35764902	Badger E-Series	
24	30+16.22	2-inch	P-W6B W/ QUICK READ PORT LID	J&R Concrete	3-inch	2-inch	35751183	Badger E-Series	

*All meters to be provided with Badger Meter DRION Cellular O endpoint

LEGEND

- PROPOSED PIPELINE (SIZE NOTED)
- PROPOSED INLINE GATE VALVE OR BUTTERFLY VALVE (LINE SIZE)
- PROPOSED AIR VALVE
- PROPOSED BLOW-OFF
- NEW WATER SERVICE AND METER
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING SEWER MAIN (SIZE NOTED)
- EXISTING STORM DRAIN (SIZE NOTED)
- EXISTING GAS LINE (SIZE NOTED)
- EXISTING UNDERGROUND TELEPHONE LINE
- EXISTING WATERLINE (SIZE NOTED)
- EXISTING CURB AND GUTTER
- EXISTING RIGHT-OF-WAY LINE
- EXISTING PROPERTY/LOT LINE
- EXISTING WATER VALVE (GENERAL)
- EXISTING AIR VALVE
- EXISTING BLOW-OFF
- CENTERLINE
- EXISTING FIRE HYDRANT
- EXISTING EDGE OF PAVEMENT
- FLOWLINE DRAINAGE SWALE OR DITCH
- EXISTING TELEPHONE RISER
- EXISTING MAILBOX
- EXISTING MONUMENT
- EXISTING SEWER MANHOLE
- EXISTING WATER SERVICE AND METER
- PROPOSED GRIND AND OVERLAY
- PROPERTY ADDRESS

ABBREVIATIONS

ABAND	ABANDON
AH.	AHEAD STATION
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS
A.V.	AIR VALVE
AWWA	AMERICAN WATER WORKS ASSOCIATION
B.C.	BEGIN CURVE
BFV	BUTTERFLY VALVE
BK.	BACK STATION
BLD FLG	BLIND FLANGE
B.O.	BLOW OFF
BOT	BOTTOM
CDA	CHINO BASIN DESALTER AUTHORITY
CTS	CATHODIC TEST STATION
C.O.	CLEAN OUT
CML/CMC	CEMENT MORTAR LINED/CEMENT MORTAR COATED
CP/G	COUPLING
DIP	DUCTILE IRON PIPE
E.C.	END CURVE
ELEC.	ELECTRICAL
ESMT.	EASEMENT
EXIST	EXIST
EX.	FIRE HYDRANT
FLG.	FLANGE OR FLANGED
FL	FLOWLINE
FO	FIBER OPTIC
G	GAS LINE OR SERVICE
GPM	GALLONS PER MINUTE
GV	GATE VALVE
HPI	HORIZONTAL POINT OF INTERSECTION
IPS	IRON PIPE SIZE
J.C.S.D.	JURUPA COMMUNITY SERVICES DISTRICT
MB	MAILBOX
MH	MANHOLE
PVC	POLYVINYL CHLORIDE
RED	REDUCER
RJ	RESTRAINED JOINT
R/W	RIGHT OF WAY
SS	SANITARY SEWER
S	SEWER MAIN OR HOUSE LATERAL
SD	STORM DRAIN
ST. LT.	STREET LIGHT
SWR	SEWER
T	TELEPHONE CABLE OR CONDUIT
U.G.	UNDERGROUND
VCP	VITRIFIED CLAY PIPE
VPI	VERTICAL POINT OF INTERSECTION
W	WATER MAIN OR SERVICE
WSP	WELDED STEEL PIPE

AIR VALVE AND BLOW-OFF NOTE:

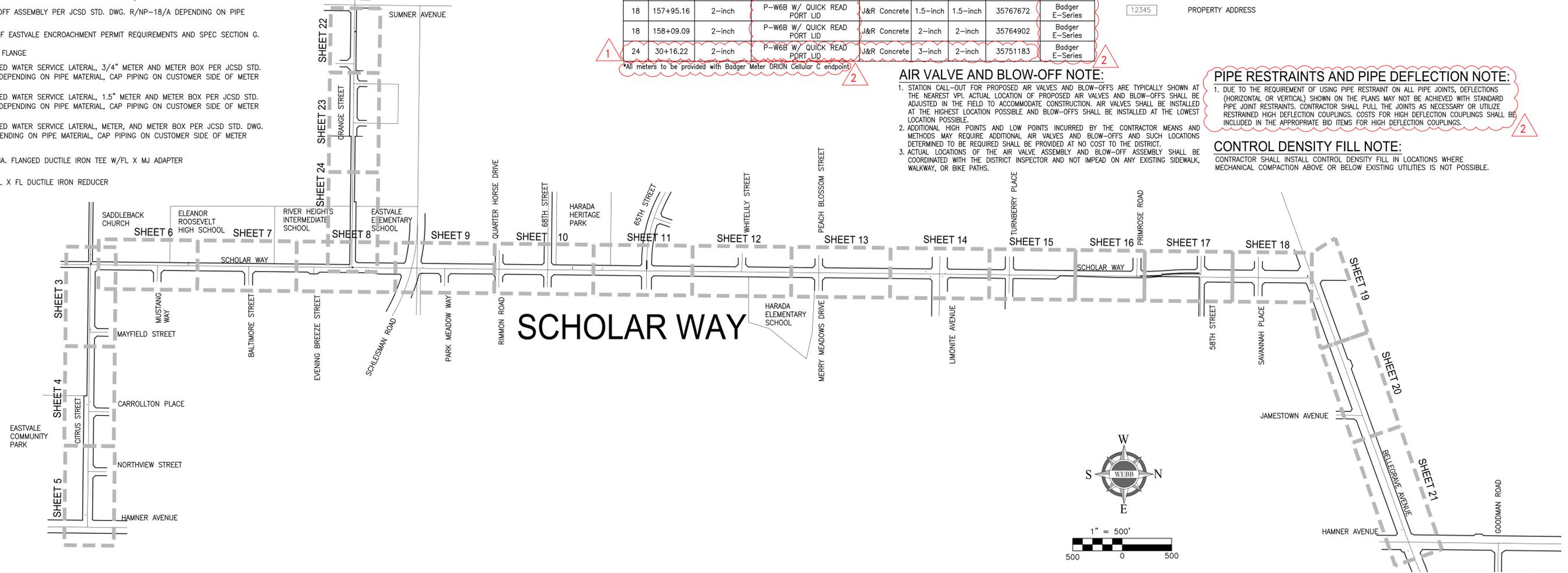
1. STATION CALL-OUT FOR PROPOSED AIR VALVES AND BLOW-OFFS ARE TYPICALLY SHOWN AT THE NEAREST VPI. ACTUAL LOCATION OF PROPOSED AIR VALVES AND BLOW-OFFS SHALL BE ADJUSTED IN THE FIELD TO ACCOMMODATE CONSTRUCTION. AIR VALVES SHALL BE INSTALLED AT THE HIGHEST LOCATION POSSIBLE AND BLOW-OFFS SHALL BE INSTALLED AT THE LOWEST LOCATION POSSIBLE.
2. ADDITIONAL HIGH POINTS AND LOW POINTS INCURRED BY THE CONTRACTOR MEANS AND METHODS MAY REQUIRE ADDITIONAL AIR VALVES AND BLOW-OFFS AND SUCH LOCATIONS DETERMINED TO BE REQUIRED SHALL BE PROVIDED AT NO COST TO THE DISTRICT.
3. ACTUAL LOCATIONS OF THE AIR VALVE ASSEMBLY AND BLOW-OFF ASSEMBLY SHALL BE COORDINATED WITH THE DISTRICT INSPECTOR AND NOT IMPEAD ON ANY EXISTING SIDEWALK, WALKWAY, OR BIKE PATHS.

PIPE RESTRAINTS AND PIPE DEFLECTION NOTE:

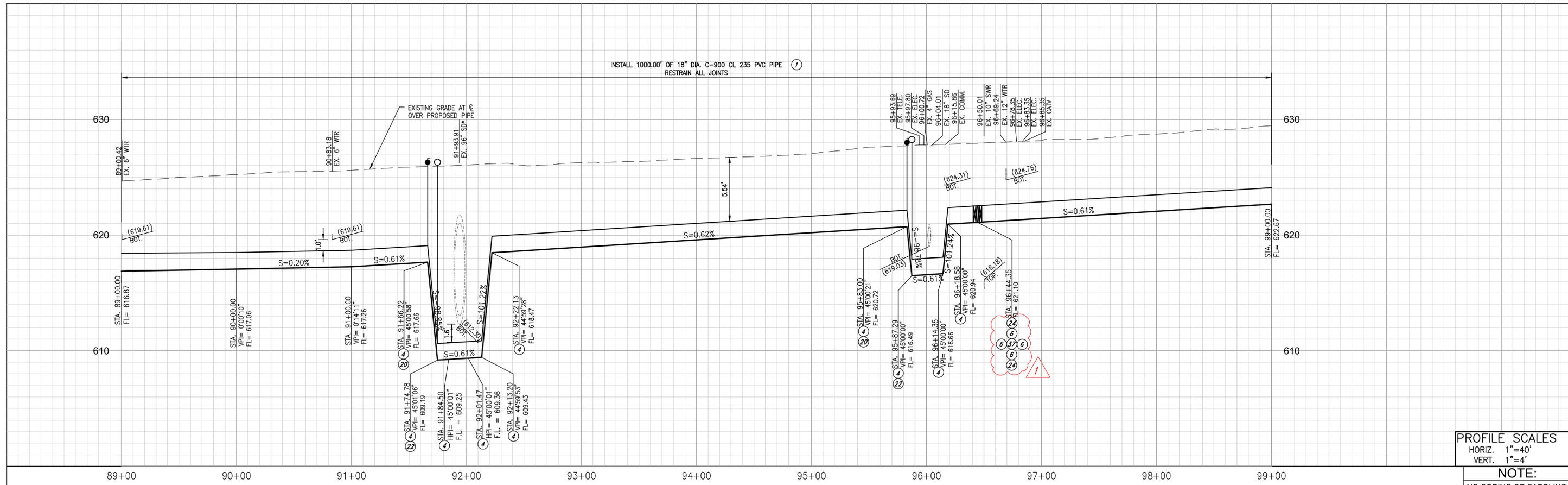
1. DUE TO THE REQUIREMENT OF USING PIPE RESTRAINT ON ALL PIPE JOINTS, DEFLECTIONS (HORIZONTAL OR VERTICAL) SHOWN ON THE PLANS MAY NOT BE ACHIEVED WITH STANDARD PIPE JOINT RESTRAINTS. CONTRACTOR SHALL PULL THE JOINTS AS NECESSARY OR UTILIZE RESTRAINED HIGH DEFLECTION COUPLINGS. COSTS FOR HIGH DEFLECTION COUPLINGS SHALL BE INCLUDED IN THE APPROPRIATE BID ITEMS FOR HIGH DEFLECTION COUPLINGS.

CONTROL DENSITY FILL NOTE:

CONTRACTOR SHALL INSTALL CONTROL DENSITY FILL IN LOCATIONS WHERE MECHANICAL COMPACTION ABOVE OR BELOW EXISTING UTILITIES IS NOT POSSIBLE.

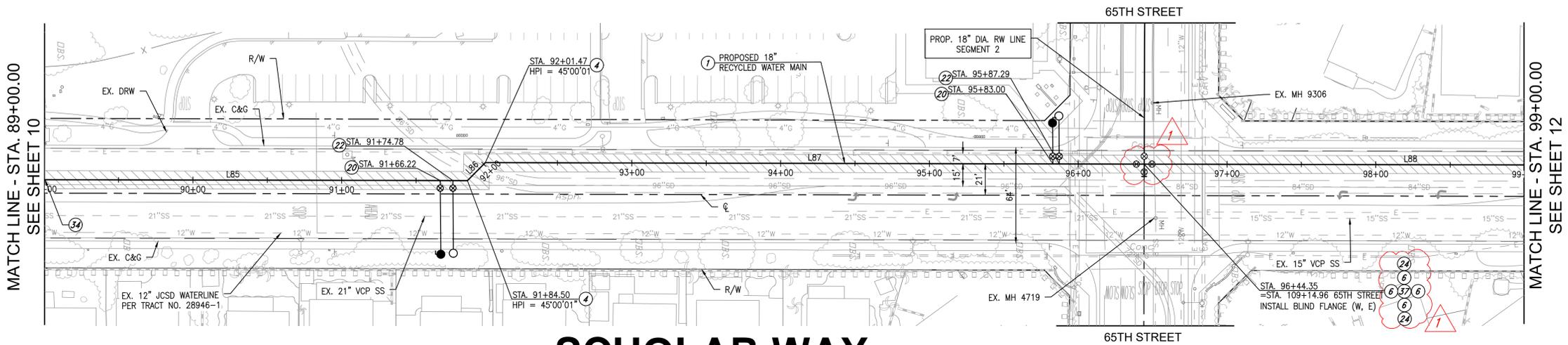


<p>Know what's below. Call 811 before you dig.</p>	<p>NOTE: WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON. IN THE EVENT OF DISCREPANCIES ARISING AFTER JCSD APPROVAL OR DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY JCSD.</p>	<table border="1"> <tr> <th>MARK</th> <th>BY</th> <th>DATE</th> <th>REVISIONS</th> <th>APPR. DATE</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	MARK	BY	DATE	REVISIONS	APPR. DATE						<p>SEAL - ENGINEER</p>	<p>ALBERT A. WEBB ASSOCIATES</p> <p>ENGINEERING CONSULTANTS 3788 McCRAY STREET RIVERSIDE CA. 92506 PH. (951) 686-1070 FAX (951) 788-1256</p> <p>PREPARED UNDER THE SUPERVISION OF: <i>Albert A. Webb</i></p> <p>DESIGNED BY: TH. CHECKED BY: SB R.C.E. NO.: C77435 DATE: 1/30/2025</p>	<p>BENCHMARK: SEE SHEET 1 BENCHMARK</p> <p>SCALE: HORIZONTAL: 1" = 500' VERTICAL: 1" = 500'</p>	<p>JURUPA COMMUNITY SERVICES DISTRICT</p> <p>RECYCLED WATER PROGRAM SEGMENT 3</p> <p>NOTES, LEGEND, ABBREVIATIONS, AND INDEX SHEET</p> <p>FOR: JCSD</p> <p>W.O. 22-0187</p> <p>CITY FILE NO. PW22-10010</p>	<p>SHEET NO. 2</p> <p>OF 26 SHEETS</p>
	MARK	BY	DATE	REVISIONS	APPR. DATE												
<p>ISSUED FOR BID</p>																	



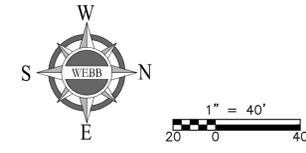
PROFILE SCALES
 HORIZ. 1"=40'
 VERT. 1"=4'

NOTE:
 NO CORING OR SADDLING
 OF C900 PIPE



INDICATES 12,145 S.F. OF
 GRIND AND OVERLAY ON
 THIS STREET

LINE	LENGTH	BEARING
L85	1855.84'	N00°37'18"E
L86	16.97'	N44°22'43"
L87	442.88'	N00°37'18"E
L88	2820.65'	N00°37'50"E



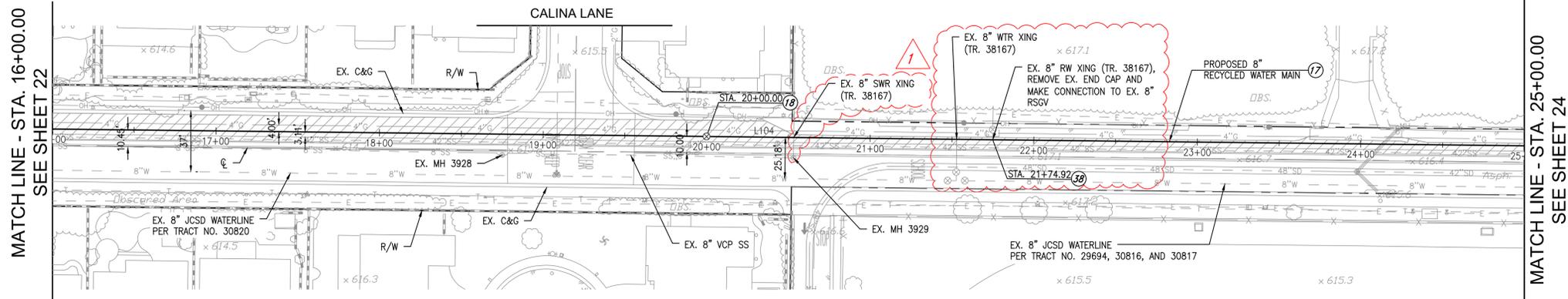
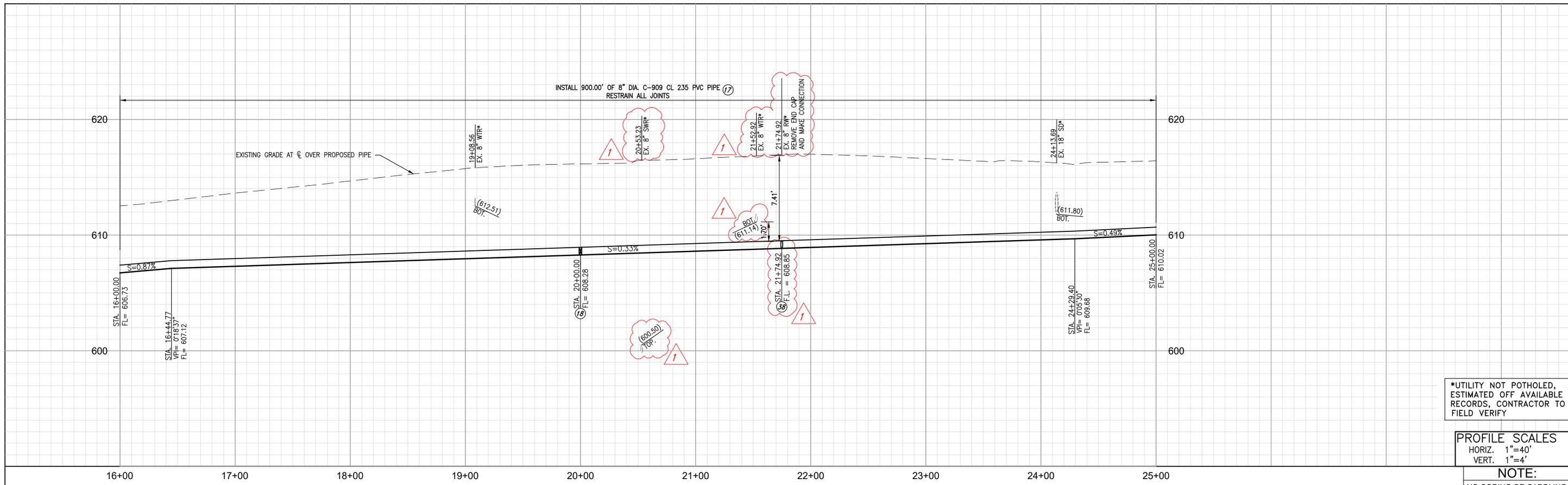
SCHOLAR WAY

CONSTRUCTION NOTES

- ① INSTALL 18" DIA. RECYCLED WATER MAIN (C-900 CL 235 PVC). TRENCHING, BEDDING, AND BACKFILL PER JCSD STD. DWG. R/NP-2A, SPEC SECTION F, AND CITY OF EASTVALE PERMIT REQUIREMENTS.
- ② INSTALL 6" BLOW-OFF ASSEMBLY PER JCSD STD. DWG. R/NP-18/A DEPENDING ON PIPE MATERIAL
- ③ INSTALL 18" DIA. FLANGED DUCTILE IRON 45° BEND W/FL X MJ ADAPTER(S)
- ④ INSTALL 18" DIA. FL X FL BFV W/FL X MJ ADAPTER(S) PER JCSD STD. DWG. R/NP-7
- ⑤ INSTALL 18" DIA. FLANGED DUCTILE IRON TEE W/FL X MJ ADAPTER(S)
- ⑥ INSTALL 3" AIR RELEASE AND VACUUM VALVE ASSEMBLY PER JCSD STD. DWG. R/NP-15A
- ⑦ INSTALL 18" BLIND FLANGE
- ⑧ ABANDON EXISTING WATER SERVICE LINE PER JCSD STD. DWG. D-9
- ⑨ INSTALL 18" DIA. FLANGED DUCTILE IRON CROSS W/FL X MJ ADAPTER(S)

	NOTE: WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON. IN THE EVENT OF DISCREPANCIES ARISING AFTER JCSD APPROVAL OR DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY JCSD.	SLB 3/20/25 APPENDUM NO. 4 REVISION FOR 18" FLANGED CROSS & CONSTRUCTION NOTES	SEAL - ENGINEER 	ALBERT A. WEBB ASSOCIATES ENGINEERING CONSULTANTS 3788 McCRAY STREET RIVERSIDE CA. 92506 PH. (951) 686-1070 FAX (951) 788-1256	BENCHMARK: SEE SHEET 1	JURUPA COMMUNITY SERVICES DISTRICT EASTVALE, CALIFORNIA RECYCLED WATER PROGRAM SEGMENT 3 SCHOLAR WAY STA. 89+00.00 TO STA. 99+00.00	SHEET NO. <h1 style="font-size: 2em;">11</h1> OF 26 SHEETS
	PREPARED UNDER THE SUPERVISION OF: 	DESIGNED BY: TH CHECKED BY: SB R.C.E. NO.: C77435 DATE: 1/30/2025	SCALE: HORIZONTAL: 1" = 40' VERTICAL: 1" = 4'	FOR: JCSD W.O. 22-0187 CITY FILE NO. PW22-10010			

ISSUED FOR BID
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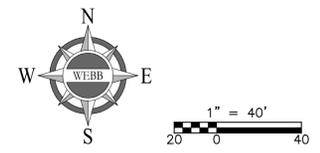


ORANGE STREET

CONSTRUCTION NOTES

- (17) INSTALL 8" DIA. RECYCLED WATER MAIN (C-909 CL 235 PVC). TRENCHING, BEDDING, AND BACKFILL PER JCSO STD. DWG. R/NP-2A, SPEC SECTION F, AND CITY OF EASTVALE PERMIT REQUIREMENTS.
- (18) INSTALL 8" DIA. FL X FL RSGV W/FL X MJ ADAPTER(S) PER JCSO STD. DWG. R/NP-6
- (38) INSTALL 8" DIA. FLANGED DUCTILE IRON TEE W/FL X MJ ADAPTER(S)

LINE	LENGTH	BEARING
L104	2372.22'	S89°20'56"E



<p>Know what's below. Call 811 before you dig.</p>	<p>NOTE: WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON. IN THE EVENT OF DISCREPANCIES ARISING AFTER JCSO APPROVAL OR DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY JCSO.</p>	<p>SLB 3/26/25 ADDENDUM NO. 4 REVISION FOR FUT. TRACT NO. 38167 UTILITIES XING</p>	<p>SEAL - ENGINEER</p>	<p>ALBERT A. WEBB ASSOCIATES ENGINEERING CONSULTANTS 3788 McCRAY STREET RIVERSIDE CA. 92506 PH. (951) 686-1070 FAX (951) 788-1256</p>	<p>BENCHMARK: SEE SHEET 1</p>	<p>JURUPA COMMUNITY SERVICES DISTRICT EASTVALE, CALIFORNIA RECYCLED WATER PROGRAM SEGMENT 3 ORANGE STREET STA. 16+00.00 TO STA. 25+00.00</p>	<p>SHEET NO. 23 OF 26 SHEETS</p>
	<p>MARK BY DATE ENGINEER REVISIONS APPR. DATE JCSO</p>	<p>PREPARED UNDER THE SUPERVISION OF: CIVIL</p>	<p>DESIGNED BY: TH CHECKED BY: SB R.C.E. NO.: C77435 DATE: 1/30/2025</p>	<p>SCALE: HORIZONTAL: 1" = 40' VERTICAL: 1" = 4'</p>	<p>FOR: JCSO W.O. 22-0187 CITY FILE NO. PW22-10010</p>		

ISSUED FOR BID

ATTACHMENT B

PROPOSAL DOCUMENTS

TABLE OF CONTENTS
OF BIDDING DOCUMENTS

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BIDDER'S PROPOSAL WITH SUPPORTING DOCUMENTS

**JURUPA COMMUNITY SERVICES DISTRICT
RECYCLED WATER PROGRAM – SEGMENT 3
JCSD PROJECT NO. C215078**

TO THE PRESIDENT OF THE BOARD OF DIRECTORS, JURUPA COMMUNITY SERVICES DISTRICT (“THE OWNER”)

1. PROPOSAL

The undersigned proposes to furnish all labor, materials, (except those materials to be furnished by Owner) equipment and methods necessary to properly construct and complete for the Owner the Jurupa Community Services District Recycled Water Program – Segment 3 DPN C215078

as set forth in the Bidding Sheet, and in accordance with Bidder's Plan for Construction accompanying this proposal and incorporated herein by reference. The undersigned also declares that, as bidder, we have carefully examined the location of the proposed work, and have read and examined the Contract (including the Special Requirements, Basic Specifications, Technical Specifications, and Drawings and other documents incorporated therein by reference).

The undersigned hereby declares, as bidder, that the only persons or parties interested in this proposal as principals are those named herein, that this bid is made without any connection with any other person or persons making a bid for the same purposes; except for any other division of the undersigned which may submit an independent bid; that the bid is in all respects fair and without collusion or fraud; that the bidder has read the Notice Inviting Bids and the Instruction to Bidders and agrees to all the stipulations contained therein; that the bidder has examined the form of Contract, (including the Special Requirements, Basic Specifications, Technical Specifications, and Drawings and other documents incorporated therein by reference); that in exchange for consideration of their bid proposal by the Owner the bidder proposes, in the event their bid as submitted on the attached and incorporated Bidding Documents be accepted by the Owner, to contract in the said form to furnish and provide the items mentioned in

this proposal and in the said form of Contract and in the Special Requirements, Basic Specifications, Technical Specifications, and Drawings, and to furnish and provide the same within the time stipulated therein; and the bidder will accept as full payment therefor the prices named in said Bidding Sheet.

The Bidder further agrees that they shall execute such Contract within ten (10) days from the date of mailing to them of written notice of the Owner's acceptance of this proposal and within same time shall furnish the required faithful performance bond or securities as permitted by Code of Civil Procedure Section 995.710, the labor and material payment bond, and certificates of insurance and endorsements, and that upon failure to do so within said time, then the proposal guarantee accompanying this proposal shall become the property of the Owner as liquidated damages for such failure or refusal and shall be deposited as monies belonging to the Owner; provided, that if said Bidder shall execute the Contract and furnish the required bonds and certificates of insurance and endorsements within the time aforesaid, their proposal guarantee shall be returned to them upon request within ten (10) days thereafter or otherwise destroyed if so requested.

In submitting a bid to a public purchasing body, the bidder offers and agrees that if the bid is accepted, it will assign to the purchasing body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Section 15) or under the Cartwright Act (Chapter 2 of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, materials, or services by the bidder for sale to the purchasing body pursuant to the bid. Such assignments shall be made and become effective at the time the purchasing body tenders final payment to the bidder.

2. BIDDER'S PLAN FOR CONSTRUCTION

Replies to these inquiries must be full and explicit.

A. Each bidder is required to inspect this proposed work. When, by whom, and in what manner was this proposed work inspected on behalf of the Bidder:

B. Explain your plan or layout for performing the proposed work, including description of any proposed construction plan and detail construction program

C. List the name and address of each subcontractor who will perform work in or about the work or improvement, or who will specifically fabricate and install a portion of the work according to detailed drawings contained in the plans and specifications, in excess of one-half of one percent of your total bid, and a statement of the portion of the work which will be done by each subcontractor. Only one subcontractor may be listed for each portion of the work. Each subcontractor must be registered with the Department of Industrial Relations to perform public work. Failure to include a subcontractor's registration number may result in the bid being non-responsive.

Subcontractor (a):

Name: _____
Address: _____
Portion of Work: _____
License No: _____
DIR Registration
Number: _____

Subcontractor (b):

Name: _____
Address: _____
Portion of Work: _____
License: _____
DIR Registration
Number: _____

Subcontractor (c):

Name: _____
Address: _____
Portion of Work: _____
License: _____
DIR Registration
Number: _____

Subcontractor (d):

Name: _____
Address: _____
Portion of Work: _____
License: _____
DIR Registration
Number: _____

D. For each subcontractor listed under paragraph C herein, provide the following information concerning years and examples of experience of each subcontractor's present organization in similar work:

NAME OF SUBCONTRACTOR	YRS OF EXPERIENCE OF SUBCONTRACTOR PRESENT ORGANIZATION	DATE OF COMPLETION OF SIMILAR JOBS (AT LEAST 2 COMPLETED) WITHIN PAST 3 YRS	NAMES AND ADDRESSES OF OWNERS OF LISTED SIMILAR JOBS
a. _____ _____	_____ Yrs.	Job #1 _____	_____ _____
		Job #2 _____	_____ _____ _____
b. _____ _____	_____ Yrs.	Job #1 _____	_____ _____
		Job #2 _____	_____ _____ _____
c. _____ _____	_____ Yrs.	Job #1 _____	_____ _____
		Job #2 _____	_____ _____ _____
d. _____ _____	_____ Yrs.	Job #1 _____	_____ _____
		Job #2 _____	_____ _____ _____

3. BIDDER'S STATEMENT OF EXPERIENCE, FINANCIAL
CONDITION AND REFERENCES

How many years of experience in construction work has your organization had? _____

The following outline is a record of the undersigned Bidder's experience in construction of the three (3) most recent projects of a type similar in magnitude and character to that contemplated under this Contract. Include the location of each project as well as the name, address, and phone number of the owner, and name of individual to contact.

1. Owner' Name: _____
Contact Person: _____
Address of Owner: _____
Phone: _____
Project Description: _____

Amount of Contract: _____ Completion Date: _____

2. Owner' Name: _____
Contact Person: _____
Address of Owner: _____
Phone: _____
Project Description: _____

Amount of Contract: _____ Completion Date: _____

3. Owner' Name: _____
Contact Person: _____
Address of Owner: _____
Phone: _____
Project Description: _____

Amount of Contract: _____ Completion Date: _____

As a part of this supporting document, submit a signed financial statement, financial data, or other information and references sufficiently comprehensive to permit an appraisal of your financial condition. The Bidder may submit this supporting document in a sealed envelope labeled "CONFIDENTIAL".

4. BIDDING SHEET

a. Supplemental Instructions

1. Bidders are advised that:

- a. The Bidders shall submit a price for all bid item numbers under Bid Schedule I.
- b. Award, if made, will be for Bid Schedule I and will be made to one bidder only.
- c. All work under this Contract shall be completed in accordance with the Contract Completion Schedule(s) stated in the Special Requirements; AND THAT THE GENERAL CONDITIONS HEREIN CONTAINS A SECTION TITLED "LIQUIDATED DAMAGES".
- d. All contract construction shall be by an organization which has had successful demonstrable experience in the construction of facilities OF THE TYPE SPECIFIED, OR COMPARABLE.
- e. The Owner reserves the right to vary the amount of work under the Contract, and may add or deduct from the various bid numbers at the unit prices shown on the Bidding Sheet, and as a result of this prerogative, there will be no claim for damages or profits, real or anticipated.
- f. Bid items must include a proportional amount of profit, overhead, etc., within the bid price for each bid item number, since the schedule of bid item numbers under which award is to be made will be determined by Owner after bids have been received.
- g. The Bidder shall submit their proposal on the bidding documents within the separately bounded Bid Proposal Documents booklet (Volume II) containing the Notice Inviting Bids and the Proposal Documents.

2. To complete this Bidding Sheet, use the blanks provided to fill in the bid prices at which you propose to furnish the scheduled construction, including all labor, materials, (other than materials supplied by the Owner), equipment, work, and methods necessary to complete the work in accordance with the Contract Completion Schedule located in the Special Requirements. Fill in the figures for the unit prices, extensions and sum of extensions (Total Bid) for all Bid Schedules and/or Bid Items shown on the Bidding Sheet. Figures and words must be inserted for the "Total Bid". If any discrepancy exists, the Owner may recalculate the bid price on the basis of the unit price and bidder agrees to be bound by such recalculation.

b. Bid Item Schedule

The undersigned hereby proposes to furnish and install the following items of construction⁽¹⁾ for the Owner, all in strict accordance with the attached and/or incorporated Special Requirements, Basic Specifications, Technical Specifications, and Drawings, including all labor, materials, equipment, work, method, etc., necessary to complete the work in accordance with the stated completion schedule(s); for the following bid prices:

BID SCHEDULE I

**JURUPA COMMUNITY SERVICES DISTRICT
RECYCLED WATER PROGRAM – SEGMENT 3
JCSD PROJECT NO. C215078**

<u>Item No.</u>	<u>Description</u>	<u>Qty.⁽¹⁾</u>	<u>Unit</u>	<u>Unit Bid Price*</u>	<u>Bid Extension*</u>
101	Mobilization, Demobilization, Insurance, Bonds and Preconstruction Video ⁽²⁾	---	LS	---	\$ _____
102	Pothole existing utilities at all crossings, and adjacent to proposed alignment, confirm connection points and provide pothole report prior to construction	500	EA	\$ _____	\$ _____
103	18" dia. C-900 PVC recycled purple watermain w/tracer wire, ductile iron fittings, blind flanges and thrust restraints	15,170	LF	\$ _____	\$ _____
104	16" dia. C-900 PVC recycled purple watermain w/tracer wire, ductile iron fittings, blind flanges and thrust restraints	240	LF	\$ _____	\$ _____

⁽¹⁾Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

*The above prices include any amount payable by the Owner for taxes by reason of this contract.

⁽²⁾Payment shall not exceed 5% of total for Bid Schedule. Initial payment of 50% for mobilization, then payment of 25% upon halfway through the project and the final 25% payment during demobilization.

<u>Item No.</u>	<u>Description</u>	<u>Qty.</u> ⁽¹⁾	<u>Unit</u>	<u>Unit Bid Price*</u>	<u>Bid Extension*</u>
105	Furnish and install jacking and receiving pits and install 24" I.D. x 1/2" thick steel casing via jack and bore method	210	LF	\$ _____	\$ _____
106	12" dia. C-909 PVC recycled purple watermain w/tracer wire, ductile iron fittings, blind flanges and thrust restraints	2,550	LF	\$ _____	\$ _____
107	8" dia. C-909 PVC recycled purple watermain w/tracer wire, ductile iron fittings, blind flanges, and thrust restraints	2,380	LF	\$ _____	\$ _____
108	Installation of Geotextile Fabric associated with installation of 18" dia. piping.	15,170	LF	\$ _____	\$ _____
109	Installation of Geotextile Fabric associated with installation of 12" dia. piping.	2,550	LF	\$ _____	\$ _____
110	Installation of Geotextile Fabric associated with installation of 8" dia. piping.	2,380	LF	\$ _____	\$ _____
111	18" dia. Butterfly Valve per JCSD Std. Dwg. No. R/NP-7	19	EA	\$ _____	\$ _____
112	12" dia. R.S. Gate Valve per JCSD Std. Dwg. No. R/NP-6	2	EA	\$ _____	\$ _____

¹Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

*The above prices include any amount payable by the Owner for taxes by reason of this contract.

<u>Item No.</u>	<u>Description</u>	<u>Qty.</u> ⁽¹⁾	<u>Unit</u>	<u>Unit Bid Price*</u>	<u>Bid Extension*</u>
113	8" dia. R.S. Gate Valve per JCSD Std. Dwg. No. R/NP-6	5	EA	\$ _____	\$ _____
114	6" dia. R.S. Gate Valve per JCSD Std. Dwg. No. R/NP-6	2	EA	\$ _____	\$ _____
115	4" dia. R.S. Gate Valve per JCSD Std. Dwg. No. R/NP-6	3	EA	\$ _____	\$ _____
116	18" dia. High Deflection Coupling	20	EA	\$ _____	\$ _____
117	12" dia. High Deflection Coupling	10	EA	\$ _____	\$ _____
118	8" dia. High Deflection Coupling	5	EA	\$ _____	\$ _____
119	4" dia. Blow-off per JCSD Std. Dwg. No. R/NP-15 (including guard posts) as needed.	4	EA	\$ _____	\$ _____
120	6" dia. Blow-off per JCSD Std. Dwg. No. R/NP-18 and ductile iron tee outlet (including guard posts) as needed.	15	EA	\$ _____	\$ _____
121	3" dia. Air Valve Assembly per JCSD Std. Dwg. No. R/NP-13 (including guard posts)	11	EA	\$ _____	\$ _____
122	2" dia. Air Valve Assembly per JCSD Std. Dwg. No. R/NP-12 (including guard posts)	6	EA	\$ _____	\$ _____

¹Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

*The above prices include any amount payable by the Owner for taxes by reason of this contract.

<u>Item No.</u>	<u>Description</u>	<u>Qty.</u> ⁽¹⁾	<u>Unit</u>	<u>Unit Bid Price*</u>	<u>Bid Extension*</u>
123	Install 1" Service Lateral, Meter Box, ¾" Meter, thrust restraints, traffic control, and dewatering	1	EA	\$ _____	\$ _____
124	Install 2" Service Lateral, Meter Box, 1.5" Meter, thrust restraints, traffic control, and dewatering	8	EA	\$ _____	\$ _____
125	Install 2" Service Lateral, Meter Box, 2" Meter, thrust restraints, traffic control and dewatering	8	EA	\$ _____	\$ _____
126	Install 4" Service Lateral, utilize existing meter box and new 2" meter, thrust restraints, traffic control and dewatering	1	EA	\$ _____	\$ _____
127	Install 4" Service Lateral, thrust restraints, traffic control and dewatering	1	EA	\$ _____	\$ _____
128	Install 6" Service Lateral, thrust restraints, traffic control and dewatering	2	EA	\$ _____	\$ _____
129	Install 8" Service Lateral, thrust restraints, traffic control and dewatering	1	EA	\$ _____	\$ _____
130	Abandon existing water meter service laterals 2 ½ " and smaller per Drawing D-9 including trenching, backfill, fittings, temporary pavement repair, permanent pavement repair, traffic control and shutdown / dewatering	10	EA	\$ _____	\$ _____

¹Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

*The above prices include any amount payable by the Owner for taxes by reason of this contract.

<u>Item No.</u>	<u>Description</u>	<u>Qty.</u> ⁽¹⁾	<u>Unit</u>	<u>Unit Bid Price*</u>	<u>Bid Extension*</u>
131	Abandon existing water meter service laterals 3-in and larger per Drawing D-9 including trenching, backfill, fittings, temporary pavement repair, permanent pavement repair, traffic control and shutdown / dewatering	5	EA	\$_____	\$_____
132	(Sta. 30+47.77) Potable Water Connection, including piping, backflow device, fittings, thrust restraints, valves, traffic control and dewatering (Sheet 25)	1	LS	---	\$_____
133	Connection to ex. 16-in pipeline at Hamner and Bellegrave, including piping, fittings, jack and bore, thrust restraints, valves, traffic control and dewatering (Sheet 21)	1	LS	---	\$_____
134	Furnish and install additional 8-inch diameter siphon not shown on plans, including 4-45 degree fittings as required to clear existing utility.	5	EA	\$_____	\$_____
135	Furnish and install additional 12-inch siphon not shown on plans, including 4-45 degree fittings as required to clear existing utility.	5	EA	\$_____	\$_____
136	Furnish and install additional 18-inch siphon not shown on plans, including 4-45 degree fittings as required to clear existing utility.	5	EA	\$_____	\$_____

¹Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

*The above prices include any amount payable by the Owner for taxes by reason of this contract.

<u>Item No.</u>	<u>Description</u>	<u>Qty.⁽¹⁾</u>	<u>Unit</u>	<u>Unit Bid Price*</u>	<u>Bid Extension*</u>
137	Furnish and install Typical Sewer Lateral Crossing Over Watermain per JCSD Std Dwg A-10 (see SR-23).	10	EA	\$_____	\$_____
138	Owner directed installation of 8-inch/12-inch diameter pipeline at flowline depth between 1.1-feet and 2.0 feet deeper than shown at bid time. Variation between 0.1-feet to 1.0 foot is no charge to the District.	1,000	LF	\$_____	\$_____
139	Owner directed installation of 18-inch diameter pipeline at flowline depth between 1.1-feet and 2.0 feet deeper than shown at bid time. Variation between 0.1-feet to 1.0 foot is no charge to the District.	1,000	LF	\$_____	\$_____
140	Owner directed installation of 8-inch/12-inch diameter pipeline at flowline depth between 2.1-feet and 3.0 feet deeper than shown at bid time.	1,000	LF	\$_____	\$_____
141	Owner directed installation of 18-inch diameter pipeline at flowline depth between 2.1-feet and 3.0 feet deeper than shown at bid time.	1,000	LF	\$_____	\$_____
142	Backfill, compact, restore mainline trench zone	20,100	LF	\$_____	\$_____

¹Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

*The above prices include any amount payable by the Owner for taxes by reason of this contract.

<u>Item No.</u>	<u>Description</u>	<u>Qty.⁽¹⁾</u>	<u>Unit</u>	<u>Unit Bid Price*</u>	<u>Bid Extension*</u>
143	Sand bedding for mainline trench per specifications and modified JCSD Std. Dwg. No. A-1 including import sand, export and disposal of native materials	20,100	LF	\$_____	\$_____
144	Trenching, excavation, sheeting, shoring and bracing for protection of life and limb per OSHA Standards	1	LS	---	\$_____
145	Pavement removal, disposal and replacement (mainline trench) per City of Eastvale Encroachment Permit and per Specifications	20,100	LF	\$_____	\$_____
146	0.10' grind and overlay of asphalt concrete capping of streets per City of Eastvale Encroachment Permit and per Specifications.	266,000	SF	\$_____	\$_____
147	Remove and replace existing cross gutters, drains, curbs, driveways, sidewalks, mailboxes in kind	1	LS	---	\$_____
148	Replace all impacted traffic loops in kind	1	LS	---	\$_____
149	Construction water, and associated piping, fittings, thrust restraints, back-flow assemblies, meter deposits, equipment, valves.	1	LS	---	\$_____

¹Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

*The above prices include any amount payable by the Owner for taxes by reason of this contract.

<u>Item No.</u>	<u>Description</u>	<u>Qty.</u> ⁽¹⁾	<u>Unit</u>	<u>Unit Bid Price*</u>	<u>Bid Extension*</u>
150	Pre-construction survey for pre-construction video/ potholing and final construction staking for all mainlines, laterals and appurtenances as needed.	1	LS	---	\$ _____
151	Furnish, install, and maintain two (2) project signs	1	LS	---	\$ _____
152	Prepare engineer signed Traffic Control plans and implement plans for grind and overlay and submit and obtain approval from City of Eastvale	1	LS	---	\$ _____
153	Traffic Control and Safety per approved Traffic Control Plans as required by the City of Eastvale and City of Ontario Encroachment Permit, including traffic control for inspection activities	1	LS	---	\$ _____
154	Monitor and maintenance of traffic control devices	1	LS	---	\$ _____
155	Flush and pressure testing including temporary blow-offs, all thrust restrains and protection per AWWA and JCSD requirements	1	LS	---	\$ _____
156	Construction Survey	1	LS	---	\$ _____
157	Maintain updated As-Builts and provide final Record Drawings	1	LS	---	\$ _____
158	Protect and/or replace existing survey monuments	1	LS	---	\$ _____

¹⁾Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

*The above prices include any amount payable by the Owner for taxes by reason of this contract.

<u>Item No.</u>	<u>Description</u>	<u>Qty.⁽¹⁾</u>	<u>Unit</u>	<u>Unit Bid Price*</u>	<u>Bid Extension*</u>
159	Prepare and implement a SWPPP for the project	1	LS	---	\$ _____
160	Unknown/unmarked utility undercrossings and protection including idle costs, excavation, support, backfill, slurry and delays associated cost per Special Requirements.	50	EA	\$ _____	\$ _____
161	Replace traffic striping and pavement markings per City of Eastvale Encroachment Permit and temporary striping	1	LS	---	\$ _____
162	Remove AC, backfill, compaction, restore AC to appurtenances and services (non-mainline trench)	1	LS	---	\$ _____
163	Implement Environmental Measures provided in Appendix H.	1	LS	---	\$ _____
164	All other work in the Contract Documents not outlined in Bid Items 101 to 164 to make system operational including adhering to all federal and state requirements regarding COVID-19	1	LS	---	\$ _____

Total Bid Schedule I: _____

Dollars*

(words)

¹Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

*The above prices include any amount payable by the Owner for taxes by reason of this contract.

5. BIDDER'S STATEMENT

1. Names and addresses of all members of co-partnership or names and titles of all officers of the corporation.

2. The bidder declares that the surety or sureties named in the space provided below has agreed to furnish bonds in the aggregate amounts set forth in the Instruction to Bidders, in the event the Contract is awarded on the basis of this proposal.

Name(s) and address(es) of surety or sureties agreeing to furnish bond.

Corporation organized
under the laws of the
State of:

Name of Bidder:

California Contractor's
License No. _____

Bidder's Address

License Expiration Date:

License Class _____

Bidder's Phone Number

Bidder's Fax Number

Bidder hereby certifies that it is aware of the registration requirements set forth in Labor Code sections 1725.5 and 1771.1 and is currently registered with the Department of Industrial Relations to perform public works.

DIR Registration Number: _____

I declare under penalty of perjury under the laws of the State of California that the foregoing representations are true and correct.

By: _____
(Bidder's Signature)

(Typed or Printed Name)

Title

6. NON-COLLUSION DECLARATION

TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID

The undersigned declares:

I am the _____ of _____, the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted their bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that they have full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on _____ [date], at _____ [city], _____ [state].

(Signature)

(Typed Name)

SUBSCRIBED BEFORE ME on this ____ day of _____, 20_____.

NOTARY PUBLIC

My Commission Expires: _____

7. BID BOND

The makers of this bond are, _____,
_____, as Principal, and
_____, as Surety and
are held and firmly bound unto the Jurupa Community Services District, hereinafter
called the District, in the penal sum of TEN PERCENT (10%) OF THE TOTAL BID
PRICE of the Principal submitted to DISTRICT for the work described below, for the
payment of which sum in lawful money of the United States, well and truly to be made,
we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly
and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that whereas the
Principal has submitted the accompanying bid dated _____, 2025, for JCSD
Recycled Water Program – Segment 3 Final Design DPN C215078.

If the Principal does not withdraw its bid within the time specified in the
Contract; and if the Principal is awarded the Contract and provides all documents to the
District as required by the Contract (including the Special Requirements, Basic
Specifications, Technical Specifications, and Drawings and other documents
incorporated therein by reference); then this obligation shall be null and void.
Otherwise, this bond will remain in full force and effect.

Surety, for value received, hereby stipulates and agrees that no change,
extension of time, alteration or addition to the terms of the Contract shall in affect its
obligation under this bond, and Surety does hereby waive notice of any such changes.

In the event a lawsuit is brought upon this bond by the District and
judgment is recovered, the Surety shall pay all litigation expenses incurred by the
District in such suit, including reasonable attorneys' fees, court costs, expert witness
fees and expenses.

IN WITNESS WHEREOF, the above-bound parties have executed this instrument under their several seals this _____ day of _____, 20____, the name and corporate seal of each corporation.

SURETY:

By: _____

Title: _____

Attest: (If Corporation)

Title: _____

(SEAL)

BIDDER:

By: _____

Title: _____

Attest: (If Corporation)

Title: _____

(SEAL)

STATE OF CALIFORNIA
COUNTY OF _____

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

I certify under penalty of perjury under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(SEAL)

SIGNATURE OF NOTARY

8. IRAN CONTRACTING ACT CERTIFICATION

(Public Contract Code Section 2200 *et seq.*)

As required by California Public Contract Code Section 2204, the Contractor certifies subject to penalty for perjury that the option checked below relating to the Contractor's status in regard to the Iran Contracting Act of 2010 (Public Contract Code Section 2200 *et seq.*) is true and correct:

- The Contractor is not:
 - (i) identified on the current list of persons and entities engaging in investment activities in Iran prepared by the California Department of General Services in accordance with subdivision (b) of Public Contract Code Section 2203; or
 - (ii) a financial institution that extends, for 45 days or more, credit in the amount of \$20,000,000 or more to any other person or entity identified on the current list of persons and entities engaging in investment activities in Iran prepared by the California Department of General Services in accordance with subdivision (b) of Public Contract Code Section 2203, if that person or entity uses or will use the credit to provide goods or services in the energy sector in Iran.
- The District has exempted the Contractor from the requirements of the Iran Contracting Act of 2010 after making a public finding that, absent the exemption, the District will be unable to obtain the goods and/or services to be provided pursuant to the Contract.
- The amount of the Contract payable to the Contractor for the Project does not exceed \$1,000,000.

Signed: _____

Titled: _____

Firm: _____

Date: _____

Note: In accordance with Public Contract Code Section 2205, false certification of this form shall be reported to the California Attorney General and may result in civil penalties equal to the greater of \$250,000 or twice the Contract amount, termination of the Contract and/or ineligibility to bid on contracts for three years.

9. EXECUTIVE ORDER N-6-22 CERTIFICATION

Executive Order N-6-22 issued by Governor Gavin Newsom on March 4, 2022, directs all agencies and departments that are subject to the Governor's authority to (a) terminate any contracts with any individuals or entities that are determined to be a target of economic sanctions against Russia and Russian entities and individuals; and (b) refrain from entering into any new contracts with such individuals or entities while the aforementioned sanctions are in effect.

Executive Order N-6-22 also requires that any contractor that: (1) currently has a contract with the Owner funded through grant funds provided by the State of California; and/or (2) submits a bid or proposal or otherwise proposes to or enter into or renew a contract with the Owner with State of California grant funds, certify that the person is not the target of any economic sanctions against Russia and Russian entities and individuals.

The contractor hereby certifies, SUBJECT TO PENALTY OF PERJURY, that a) the contractor is not a target of any economic sanctions against Russian and Russian entities and individuals as described in Executive Order N-6-22 and b) the person signing below is duly authorized to legally bind the contractor. This certification is made under the laws of the State of California.

Signature: _____

Printed Name: _____

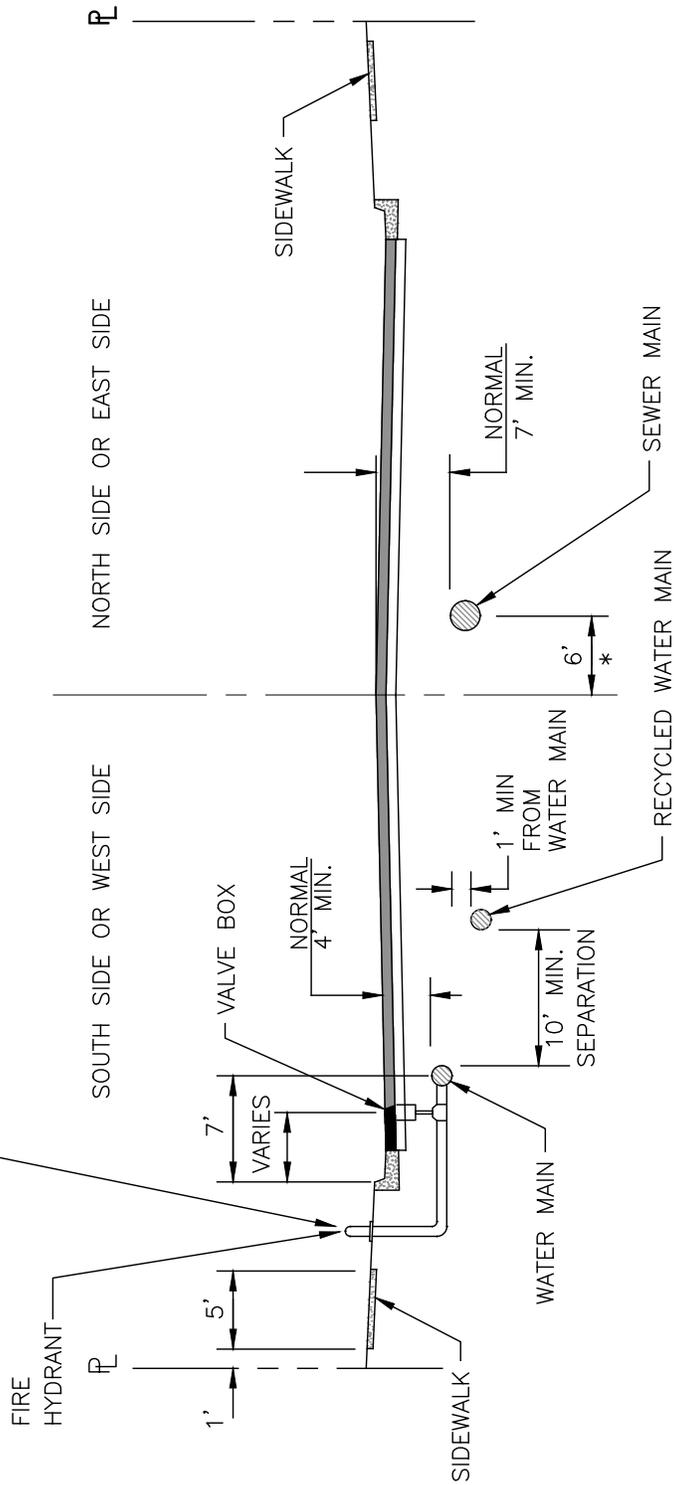
Title: _____

Contractor: _____

Date: _____

ATTACHMENT C

LOCATE IN ACCORDANCE WITH RIVERSIDE COUNTY ORDINANCE NO. 461.10, STANDARDS NO. 400 AND 701



* EXCEPT IN DIVIDED ROADWAYS.

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE

DATE: APRIL 2024

APPROVED BY:

Sinnaro Yos, P.E. C68607

STANDARD RECYCLED WATER LOCATION

ALBERT A. WEBB ASSOCIATES
CONSULTING ENGINEERS

RIVERSIDE

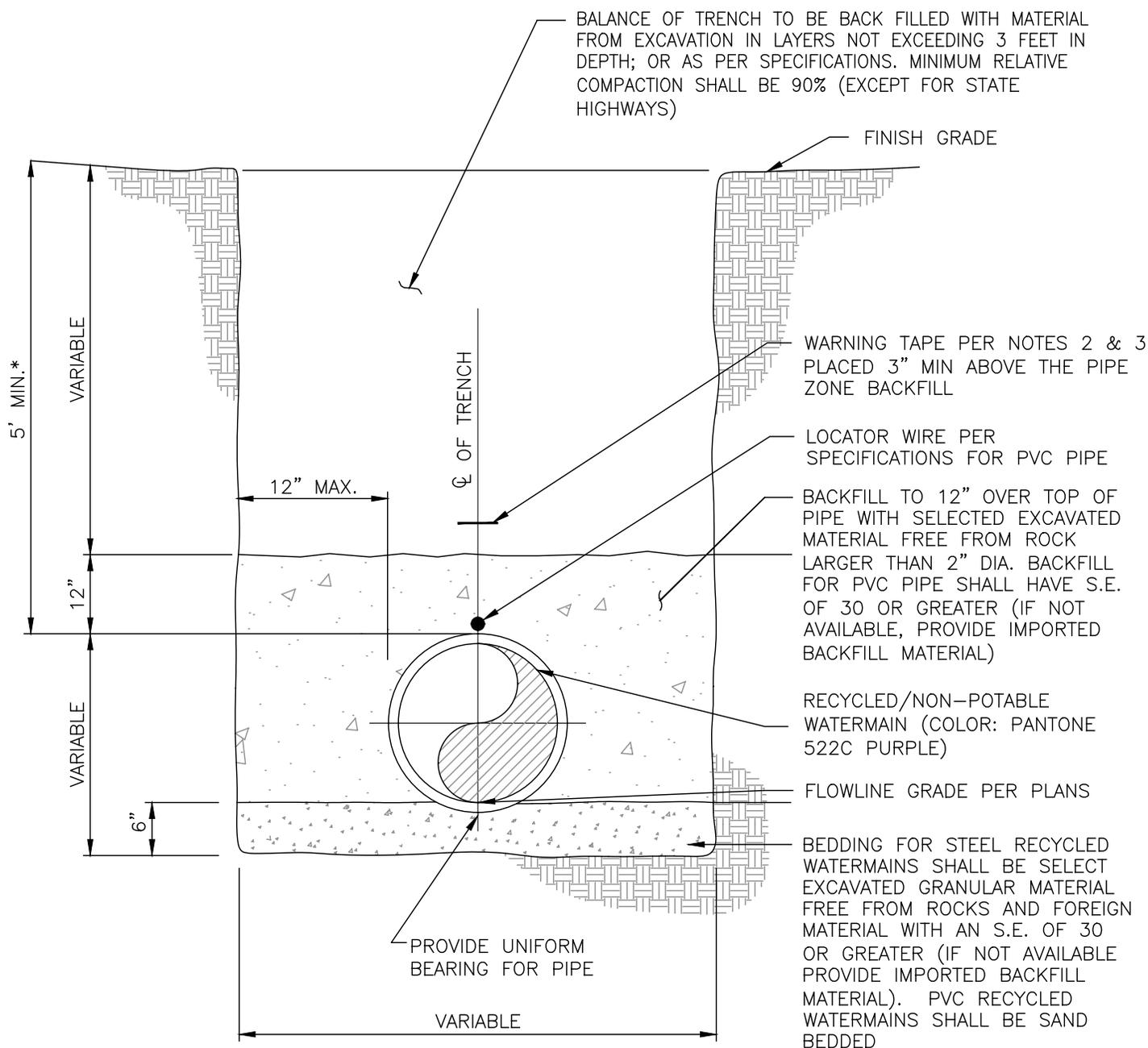
CALIFORNIA

DRAWING NO.

R/NP-1

W.O. 2023-3229

REV.



*REFER TO R/NP-1 FOR MINIMUM CLERANCE BETWEEN PW AND RW LINES

NOTES:

1. WHERE BOTTOM OF EXCAVATION IS IN ROCK WHICH CANNOT BE EXCAVATED TO PROVIDE UNIFORM BEARING FOR THE PIPE, OVEREXCAVATE 6" MINIMUM BELOW DESIGN GRADE, AND REFILL IN 3" THICK COMPACTED LAYERS WITH SELECTED EXCAVATED MATERIAL OR PROVIDE IMPORTED BACKFILL MATERIAL PER SPECIFICATIONS.
2. WARNING TAPE SHALL BE INSTALLED 3-INCHES ABOVE THE TOP OF PIPE CENTER AND SHALL RUN CONTINUOUSLY FOR THE ENTIRE LENGTH OF ALL CONSTANT PRESSURE MAIN LINE PIPING
3. WARNING TAPE SHALL BE PURPLE PLASTIC WITH BLACK PRINTING HAVING THE WORDS "CAUTION: RECYCLED OR NON-POTABLE WATER - DO NOT DRINK" IMPRINTED IN MINIMUM 1-INCH HIGH LETTERS. IMPRINTING SHALL BE CONTINUOUS AND PERMANENT. THE OVERALL WIDTH OF WARNING TAPE SHALL BE THE SAME AS PIPE DIAMETER

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE

DATE: APRIL 2024

APPROVED BY:

Sinnaro Yos, P.E. C68607

TYPICAL TRENCH DETAIL FOR RECYCLED/NON-POTABLE WATER LINE

ALBERT A. WEBB ASSOCIATES
CONSULTING ENGINEERS

RIVERSIDE

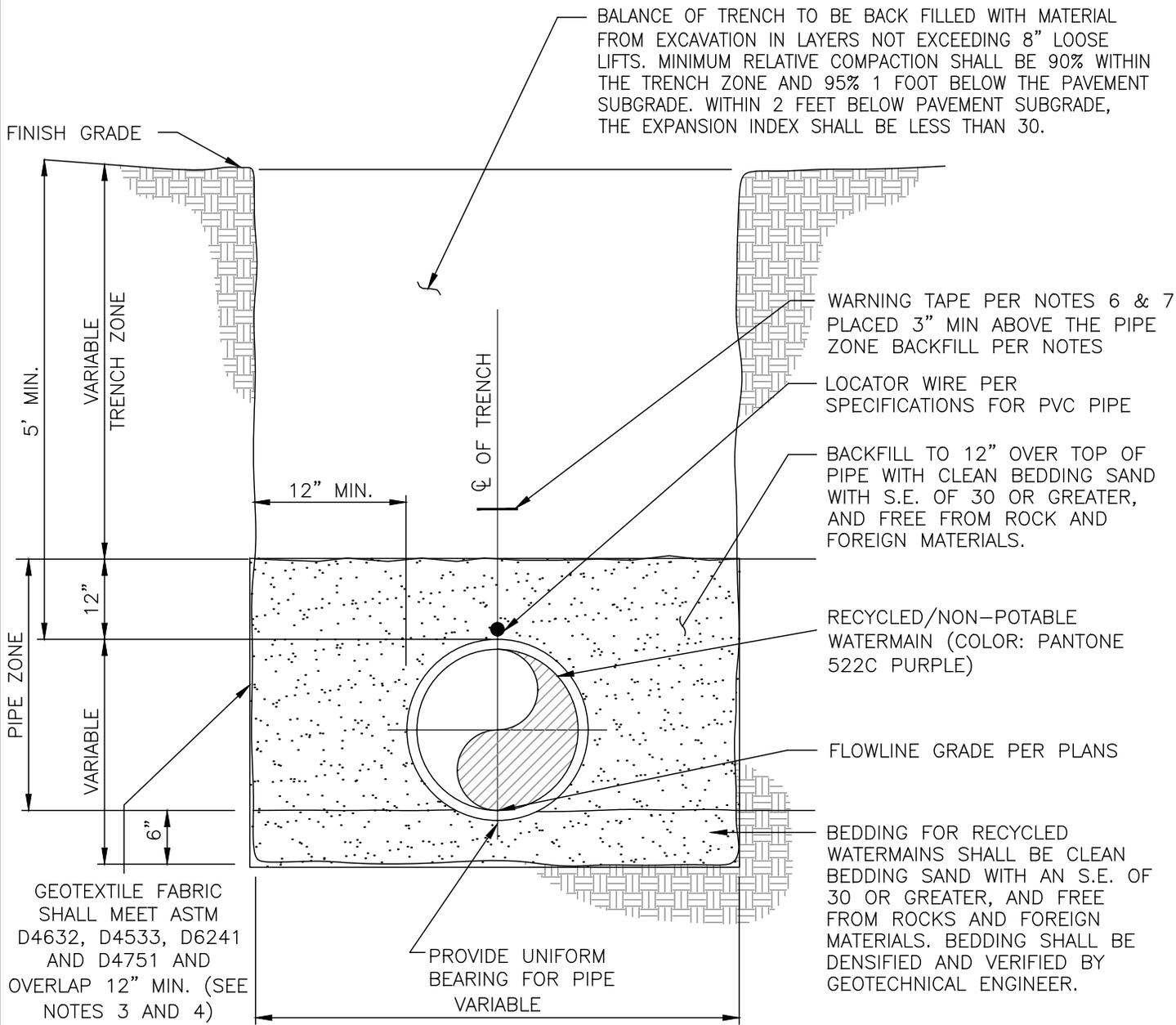
CALIFORNIA

DRAWING NO.

R/NP-2

W.O. 2023-3229

REV.



NOTES:

1. BOTTOM OF EXCAVATION SHALL BE EXCAVATED TO PROVIDE UNIFORM BEARING FOR THE PIPE, OVEREXCAVATE 6" MINIMUM BELOW DESIGN GRADE, AND REFILL IN 3" THICK DENSIFIED LAYERS WITH CLEAN BEDDING SAND HAVING S.E. OF 30 OR GREATER.
2. NO JETTING OR FLOODING IS ALLOWED FOR BACKFILL MATERIALS.
3. PIPE ZONE, BEDDING, AND NATIVE MATERIALS SHALL BE TESTED IN ACCORDANCE WITH GEOTECHNICAL RECOMMENDATIONS TO AVOID POTENTIAL MIGRATION OF FINES. WHERE GEOTECHNICAL SOILS REPORT CRITERIA IS NOT SATISFIED, A WOVEN GEOTEXTILE FABRIC WRAP IS REQUIRED COMPLETELY AROUND THE BEDDING AND PIPE ZONE BACKFILL.
4. WHERE GROUNDWATER IS ENCOUNTERED OR PIPELINE IS OUTSIDE OF PAVEMENT, A WOVEN GEOTEXTILE FABRIC SHALL WRAP COMPLETELY AROUND THE BEDDING AND PIPE ZONE BACKFILL.
5. CONTRACTOR SHALL PROVIDE COMPACTION TEST RESULTS CERTIFIED BY A GEOTECHNICAL ENGINEER.
6. WARNING TAPE SHALL BE INSTALLED 3-INCHES ABOVE THE TOP OF PIPE CENTER AND SHALL RUN CONTINUOUSLY FOR THE ENTIRE LENGTH OF ALL CONSTANT PRESSURE MAIN LINE PIPING.
7. WARNING TAPE SHALL BE PURPLE PLASTIC WITH BLACK PRINTING HAVING THE WORDS "CAUTION: RECYCLED OR NON-POTABLE WATER - DO NOT DRINK" IMPRINTED IN MINIMUM 1-INCH HIGH LETTERS. IMPRINTING SHALL BE CONTINUOUS AND PERMANENT. THE OVERALL WIDTH OF WARNING TAPE SHALL BE THE SAME AS PIPE DIAMETER.

JURUPA COMMUNITY SERVICES DISTRICT

**SPECIAL TRENCH DETAIL
FOR RECYCLED/NON-POTABLE WATER LINE**

DRAWING NO.

R/NP-2A

SCALE: NONE

DATE: APRIL 2024

APPROVED BY:

Sinnaro Yos, P.E. C68607

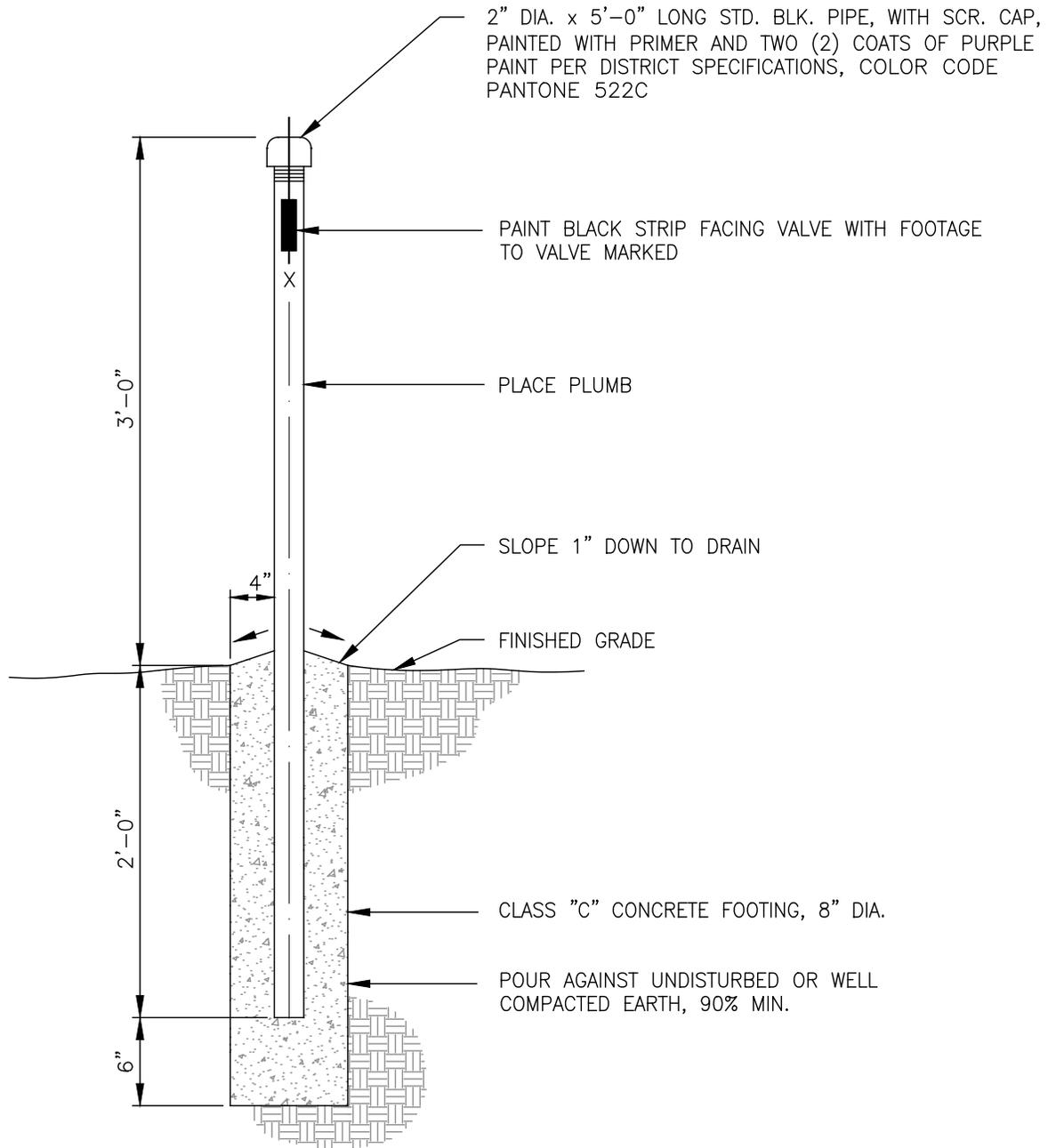
ALBERT A. WEBB ASSOCIATES
CONSULTING ENGINEERS

RIVERSIDE

CALIFORNIA

W.O. 2023-3229

REV.



NOTE:

MARKERS TO BE INSTALLED AS DIRECTED IN THE FIELD BY THE DISTRICT, TO INDICATE THE LOCATION OF RECYCLED/NON-POTABLE VALVES. TYPICAL FOR VALVE LOCATED WITHIN UNIMPROVED AREAS, LAWN AND PARKWAY AREAS, AS WELL AS AREAS WITHIN NON-PAVED OR NON-CONCRETE SURFACES AREAS.

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE

DATE: APRIL 2024

APPROVED BY:

Sinnaro Yos, P.E. C68607

STANDARD VALVE AND MARKER INSTALLATION FOR RECYCLED/NON-POTABLE WATER LINE

ALBERT A. WEBB ASSOCIATES
CONSULTING ENGINEERS

RIVERSIDE

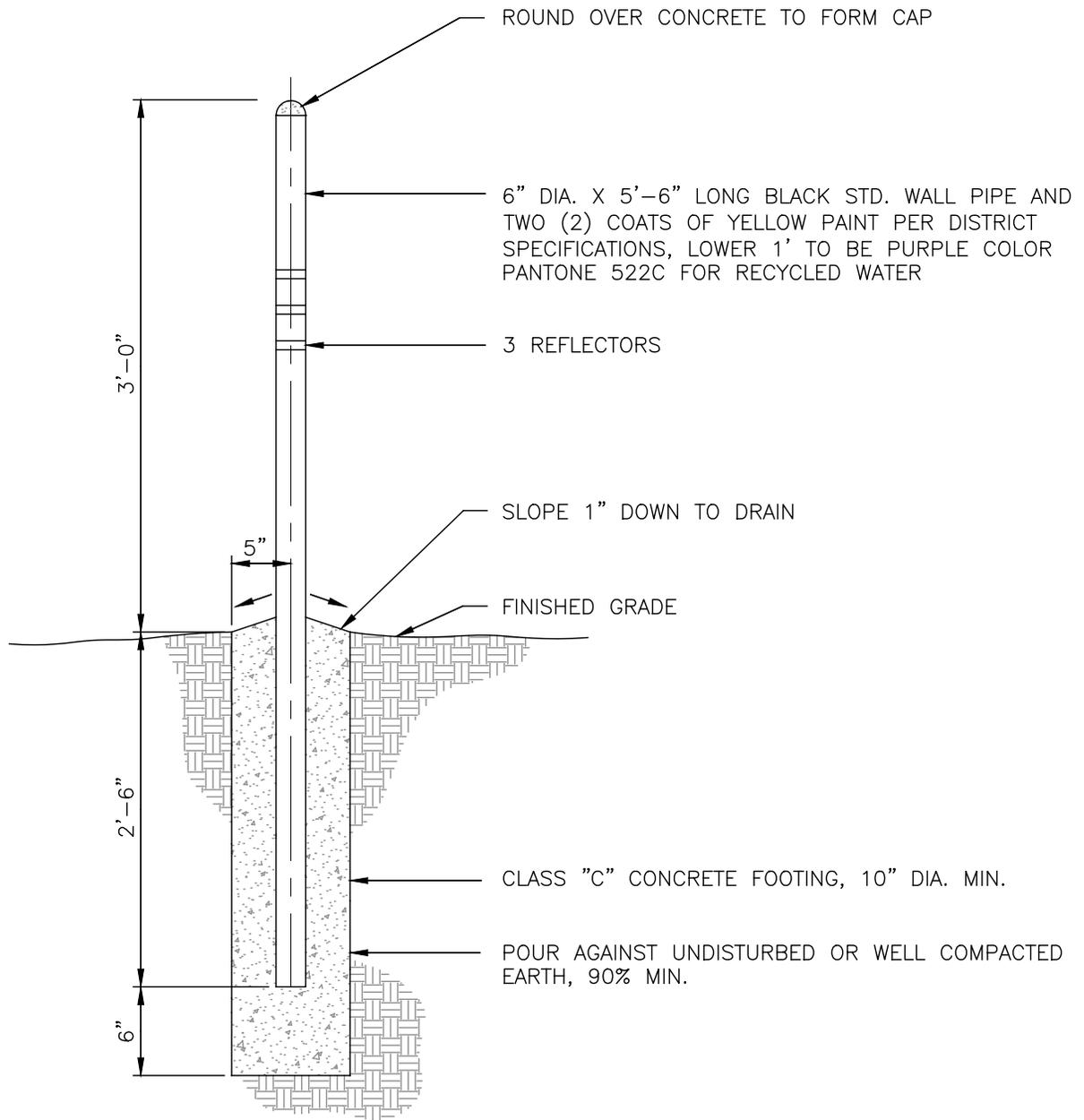
CALIFORNIA

DRAWING NO.

R/NP-3

W.O. 2023-3229

REV.



NOTES:

LOCATION SHALL BE AS SHOWN ON PLAN VIEW, OR AS DIRECTED IN THE FIELD BY INSPECTOR OR ENGINEER.

MINIMUM OF 2 GUARD POSTS ARE TO BE PLACED ON ALL APPURTENANCES (UNLESS DIRECTED BY JCSD), LOCATION TO BE DETERMINED BY INSPECTOR

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE

DATE: APRIL 2024

APPROVED BY:

Sinnaro Yos, P.E. C68607

STANDARD GUARD POST INSTALLATION FOR RECYCLED/NON-POTABLE WATER LINE

ALBERT A. WEBB ASSOCIATES
CONSULTING ENGINEERS

RIVERSIDE

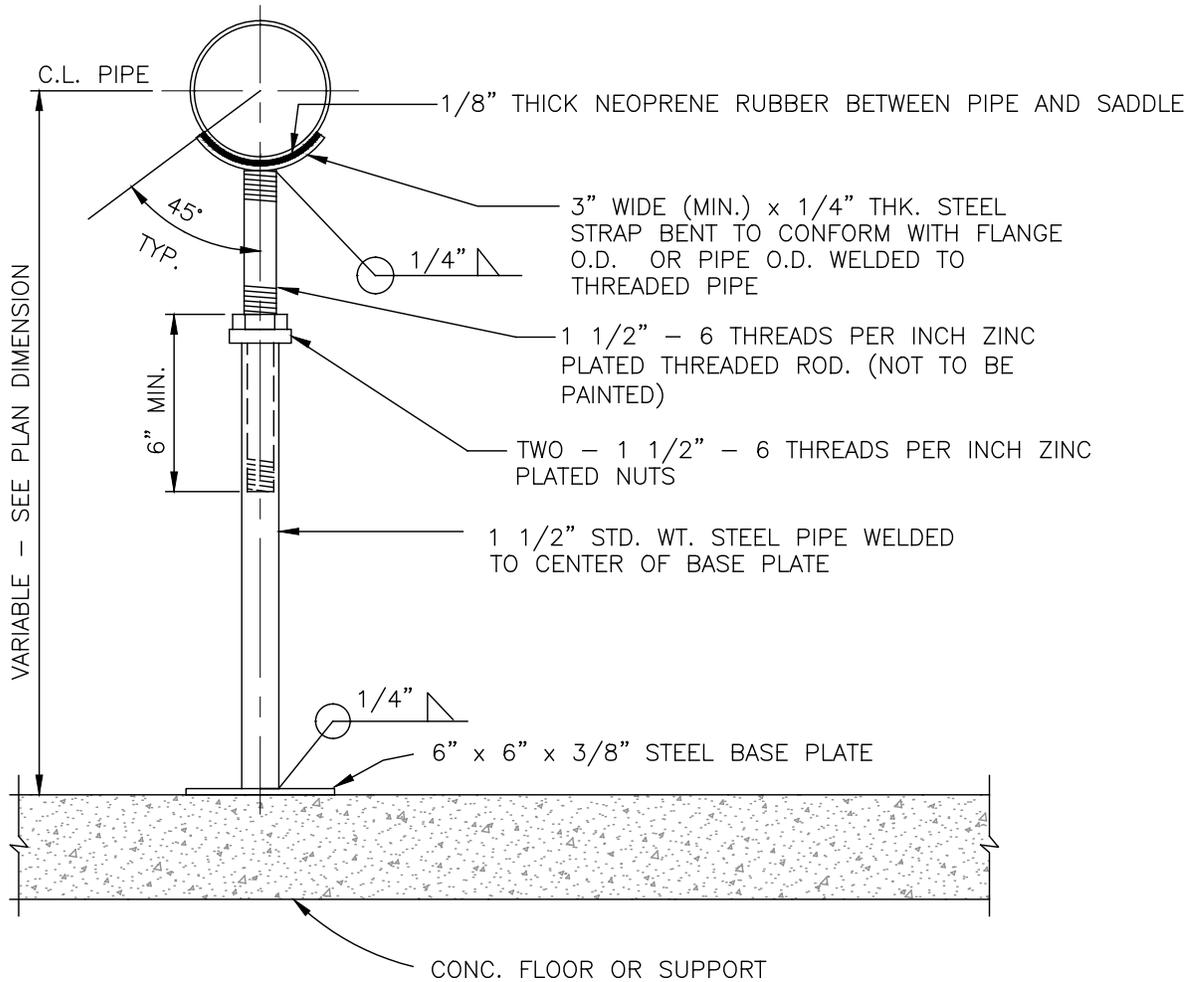
CALIFORNIA

DRAWING NO.

R/NP-4

W.O. 2023-3229

REV.



NOTES:

1. 3" x 1/4" STEEL STRAP SHALL BE FORMED TO HAVE FULL & UNIFORM CONTACT FOR ENTIRE LENGTH.
2. PAINT WITH PRIMER & TWO (2) COATS OF PURPLE PAINT COLOR PANTONE 522C PER DISTRICT SPECIFICATION
3. UPON WRITTEN APPROVAL BY THE DISTRICT, PREFABRICATED ADJUSTABLE PIPE SUPPORTS MY BE USED (PIPE PRODUCTS OR APPROVED EQUAL)

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE	PIPE OR FLANGE SUPPORT DETAIL FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO. R/NP-5
DATE: APRIL 2024	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS	W.O. 2023-3229
APPROVED BY: Sinnaro Yos, P.E. C68607	RIVERSIDE CALIFORNIA	

J&R CONCRETE PRODUCTS VALVE BOX SERIES NO. V4-T

CONCRETE | ASPHALT

8" GATE CAP, NOTCH ON BOTH SIDES, HEAVY DUTY SOUTH BAY FDRY NO. B52, OR 6" GATE CAP, NOTCH ON BOTH SIDES, SOUTH BAY FDRY. NO. B6030; OR APPROVED EQUAL

FINISHED GRADE

10"

(*) 18" THK. CONC. PAD AT FINISH GRADE WHEN VALVE IN GRASS, GRAVEL OR UNIMPROVED AREAS

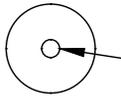
6" MIN. (*)

A.C. PAVEMENT

SUBGRADE

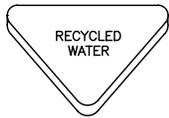
SEE NOTE #2 BELOW

2" SQ. OPERATING NUT SET 24" BELOW FINISHED SURFACE



ADJUSTABLE CENTERING RING

CENTERING RING DETAIL



VALVE CAP DETAIL

A.W.W.A. C-509 (LATEST) FLANGED RESILIENT SEAT GATE VALVE, 200 W.O.G. I.B.B.M. N.R.S. "O"RING SEAL, 2" SQ. OPERATING NUT ALL FERROUS SURFACES SHALL BE EPOXY COATED INSIDE AND OUT: PER OWNER SPECIFICATION. (FOR C-909 PVC USE FLANGED ADAPTER BY GRIPTYPE (OR APPROVED EQUAL) OR SLIP-ON VALVE) AND WITH PRIMER AND TWO (2) COATS OF DISTRICT APPROVED PURPLE PAINT, COLOR PANTONE 522C

8" DIA. O.D. X 20 GA., GALVANIZED, SPLIT VALVE CAN TOP SECTION TO SERVE AS A SLIP CAN, LENGTH SHALL BE 12" OR 18" AS REQUIRED. FOR VALVE DEPTH OVER 10', USE DISTRICT APPROVED VALVE EXTENSION (EPOXY COATED STEEL SCH. 40, 1" DIA.)

FIBERGLASS VALVE STEM EXTENSION, FIBERGLASS BY PIPELINE PRODUCTS (TESTED TO 600FT-LBS)

PROVIDE VALVE STEM EXTENSION WHERE DEPTH TO OPERATOR NUT EXCEEDS 10'. CENTER AND PLUMB OVER OPERATOR NUT

8" DIA. I.D. PVC PIPE (CONTINUOUS SECTION I.E. ONE PIECE OR USE BELL JOINTS OR COUPLINGS) SDR 35 MIN. THICKNESS. 6" DIA. FOR AIR VALVES, FIRE HYDRANTS, FIRE SERVICES, 2" SERVICES, AND BLOWOFFS, COLOR TO BE PURPLE

ADAPT TO OPERATING NUT ON VALVE

ADD RUBBER SEAL WITH S.S. BAND

RECYCLED WATERMAIN (PURPLE)

NOTES:

1. VALVE MARKER PER STD. NO. R/NP-3 TO BE INSTALLED AS DIRECTED BY THE DISTRICT.
2. CLASS "B" CONCRETE PAD, 20" SQ. POUR AGAINST WELL COMPACTED EARTH, 90% MIN. RELATIVE COMPACTION AT FINISHED GRADE IN NON-PAVED AREAS.

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE

DATE: APRIL 2024

GATE VALVE INSTALLATION FOR RECYCLED/NON-POTABLE WATER LINE

DRAWING NO.

R/NP-6

APPROVED BY:

ALBERT A. WEBB ASSOCIATES
CONSULTING ENGINEERS

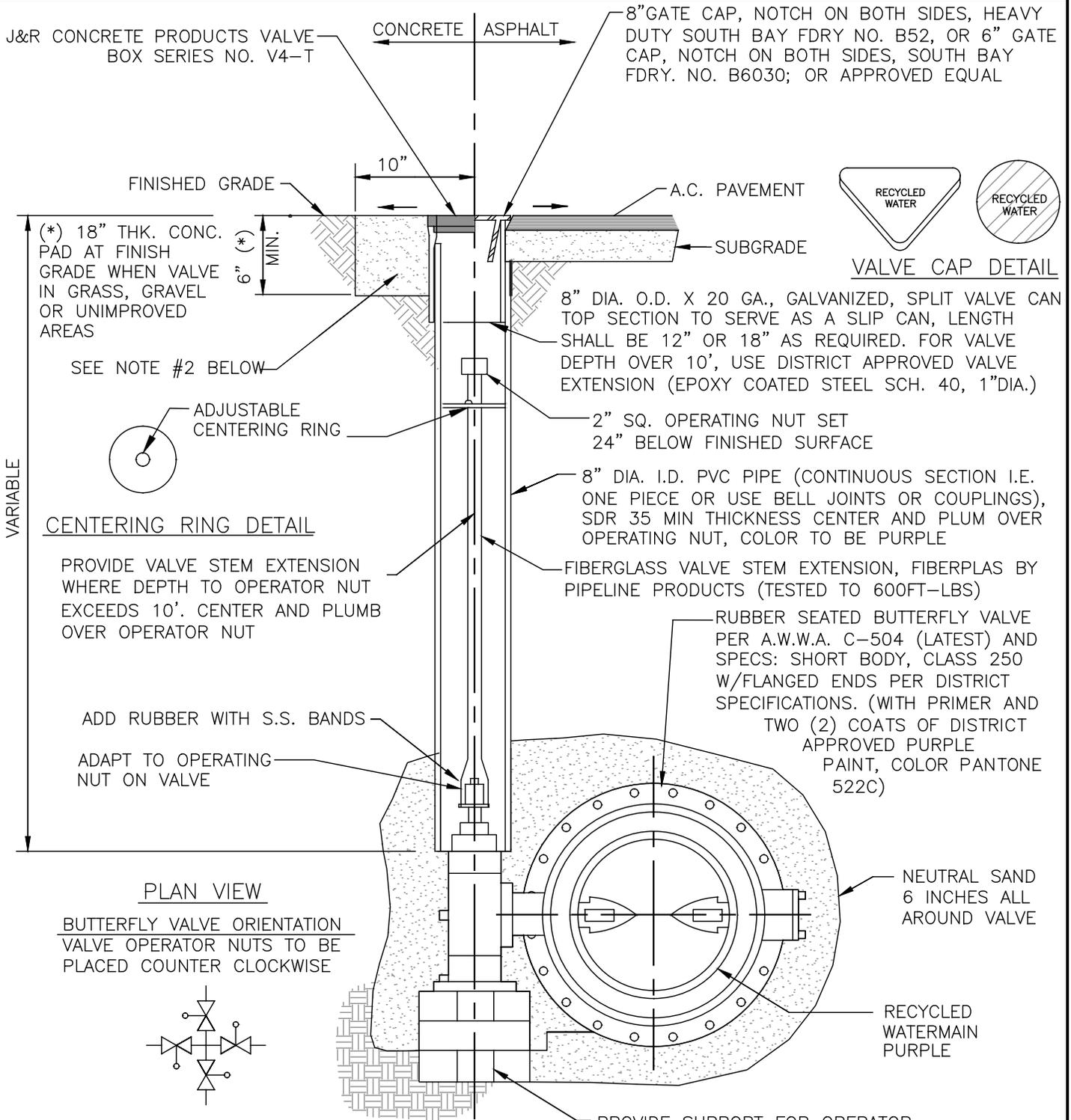
REV.

Sinnaro Yos, P.E. C68607

RIVERSIDE

CALIFORNIA

W.O. 2023-3229



NOTES:

1. VALVE MARKER PER STD. NO. R/NP-3 TO BE INSTALLED AS DIRECTED BY THE DISTRICT.
2. CLASS "B" CONCRETE PAD, 20" SQ. POUR AGAINST WELL COMPACTED EARTH, 90% MIN. RELATIVE COMPACTION AT FINISHED GRADE IN NON-PAVED AREAS.
3. VALVE TO BE PRIMED AND PAINTED WITH TWO(2) COATS OF DISTRICT APPROVED PURPLE PAINT, COLOR PANTONE 522C.

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE

DATE: APRIL 2024

APPROVED BY:

Sinnaro Yos, P.E. C68607

BUTTERFLY VALVE INSTALLATION FOR RECYCLED/NON-POTABLE WATER LINE

ALBERT A. WEBB ASSOCIATES
CONSULTING ENGINEERS

RIVERSIDE

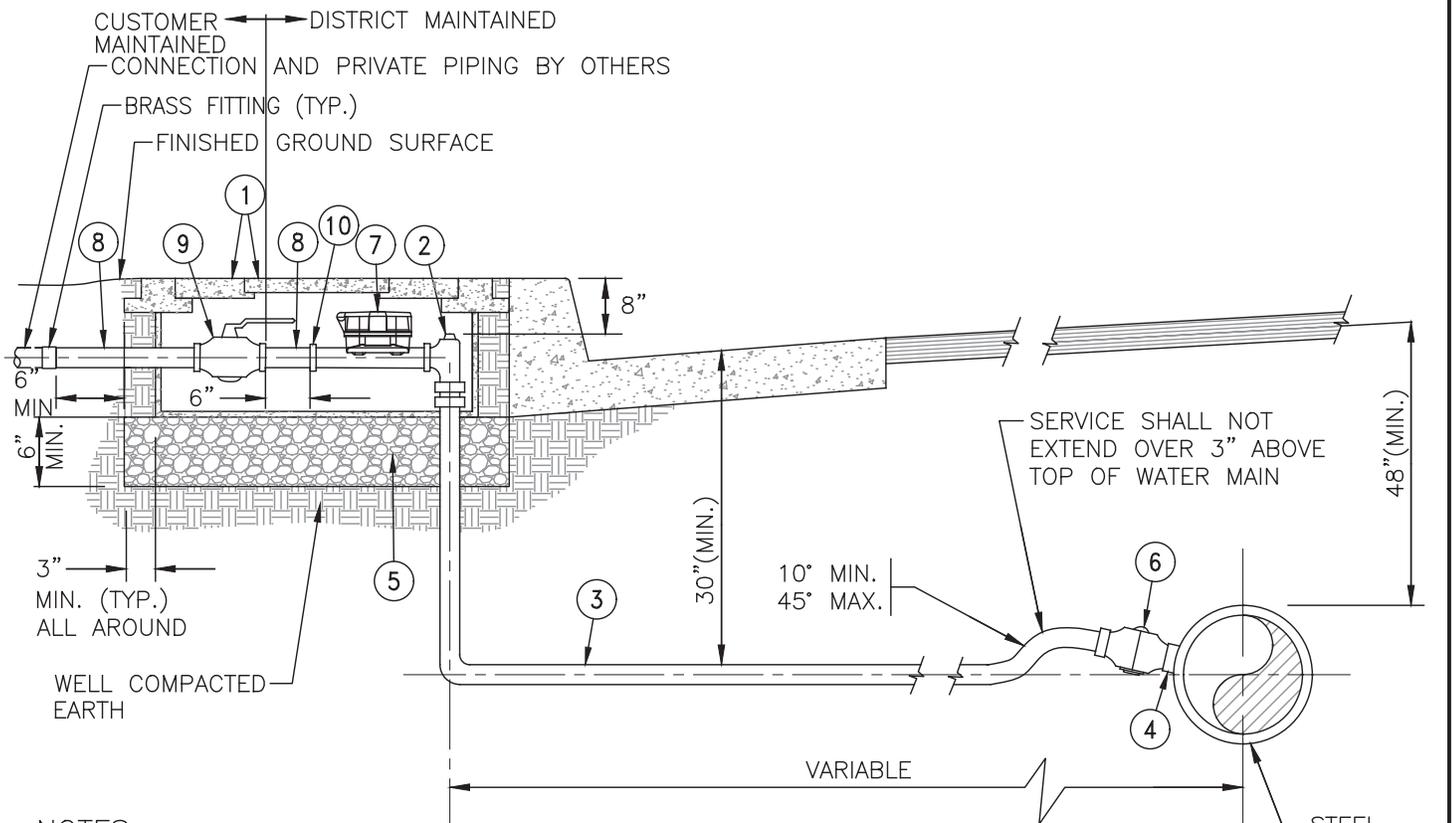
CALIFORNIA

DRAWING NO.

R/NP-7

W.O. 2023-3229

REV.



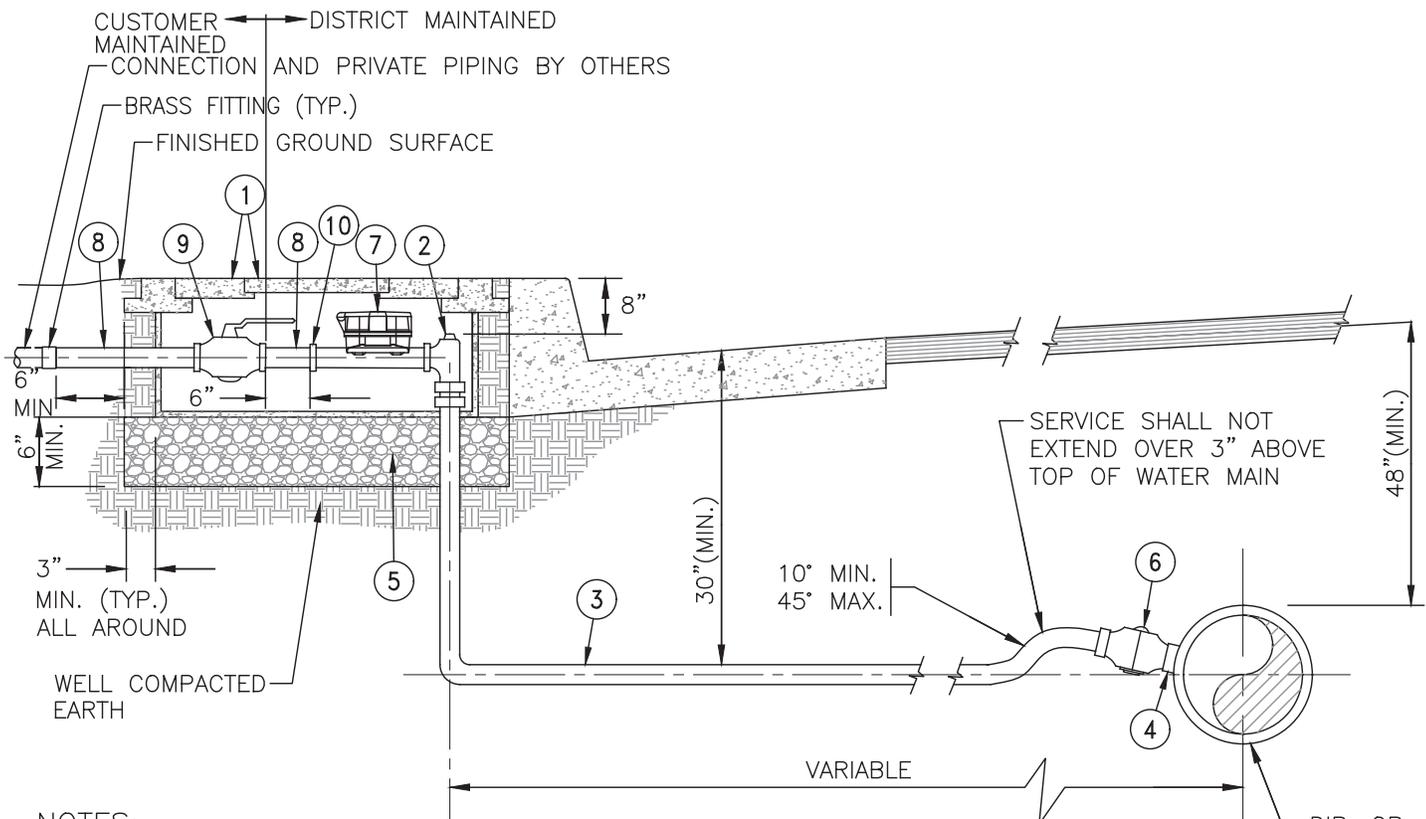
NOTES:

1. WHERE SIDEWALK IS DIRECTLY BEHIND CURB, LOCATE METER BOX RIGHT BEHIND THE SIDEWALK.
2. WHERE PARKWAY IS DIRECTLY BEHIND CURB, LOCATE METER BOX RIGHT BEHIND THE CURB
3. PIPE THREADS SHALL BE CLEAN AND SHARP AND SEALED WITH AN APPROVED JOINT COMPOUND.
4. METER SHALL NOT BE PLACED IN DRAINAGE AREA, DEPRESSIONS OR WITHIN TWO FEET OF A DRIVEWAY APPROACH.
5. DISTRICT MAINTAINED: ANGLE METER, METER, METER TAIL, CHECK VALVE, 2" NIPPLE
6. CUSTOMER MAINTAINED: BRASS BALL VALVE
7. FOR 1" METER INSTALLATION, SUBSTITUTE 1" DIMENSION WHERE 3/4" IS INDICATED.

ITEM	DESCRIPTION
①	J & R POLYMER CONCRETE METER BOX P-W 6B WITH PURPLE LID OR APPROVED EQUAL. USE METER BOX P-W 6B-20K FOR INCIDENTAL TRAFFIC CONDITIONS, CHECK FOR H2O RATED (FOR E-METER READ, THE METER BOX LID SHALL HAVE QUICK READ PORT, BADGER METER ENDPOINT: ORION CELL-C).
②	1" x 3/4" BALL ANGLE METER STOP W/ LOCK WING
③	1" PLASTIC COATED COPPER TUBE, TYPE K, COPPER SHALL BE CONTINUOUS WITH NO JOINTS FROM SERVICE CONNECTION TO RISER, COLOR PURPLE
④	BLK. STL. STD. COUPLING TO PIPE W/COLLAR PER STD. D-6 (FOR STEEL RECYCLED WATERMAIN)
⑤	3/4" DIA. CRUSHED ROCK
⑥	1" DIA. BALL CORP. STOP, I.P.T. INLET X PACK JOINT
⑦	3/4" OR 1" AMI ULTRASONIC METER, FURNISHED BY THE CONTRACTOR
⑧	1" DIA. BRASS PIPE WITH PROTECTIVE WRAP
⑨	1" BRASS BALL VALVE W/ HANDLE. NOTE: NOT REQUIRED IF BACKFLOW ASSEMBLY IS INSTALLED
⑩	3/4" x 1" METER TAIL FOR 1" METER ONLY

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE	3/4" OR 1" METER, 1" SERVICE DETAIL FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO. R/NP-8
DATE: APRIL 2024	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS	
APPROVED BY: Sinnaro Yos, P.E. C68607	RIVERSIDE CALIFORNIA	W.O. 2023-3229



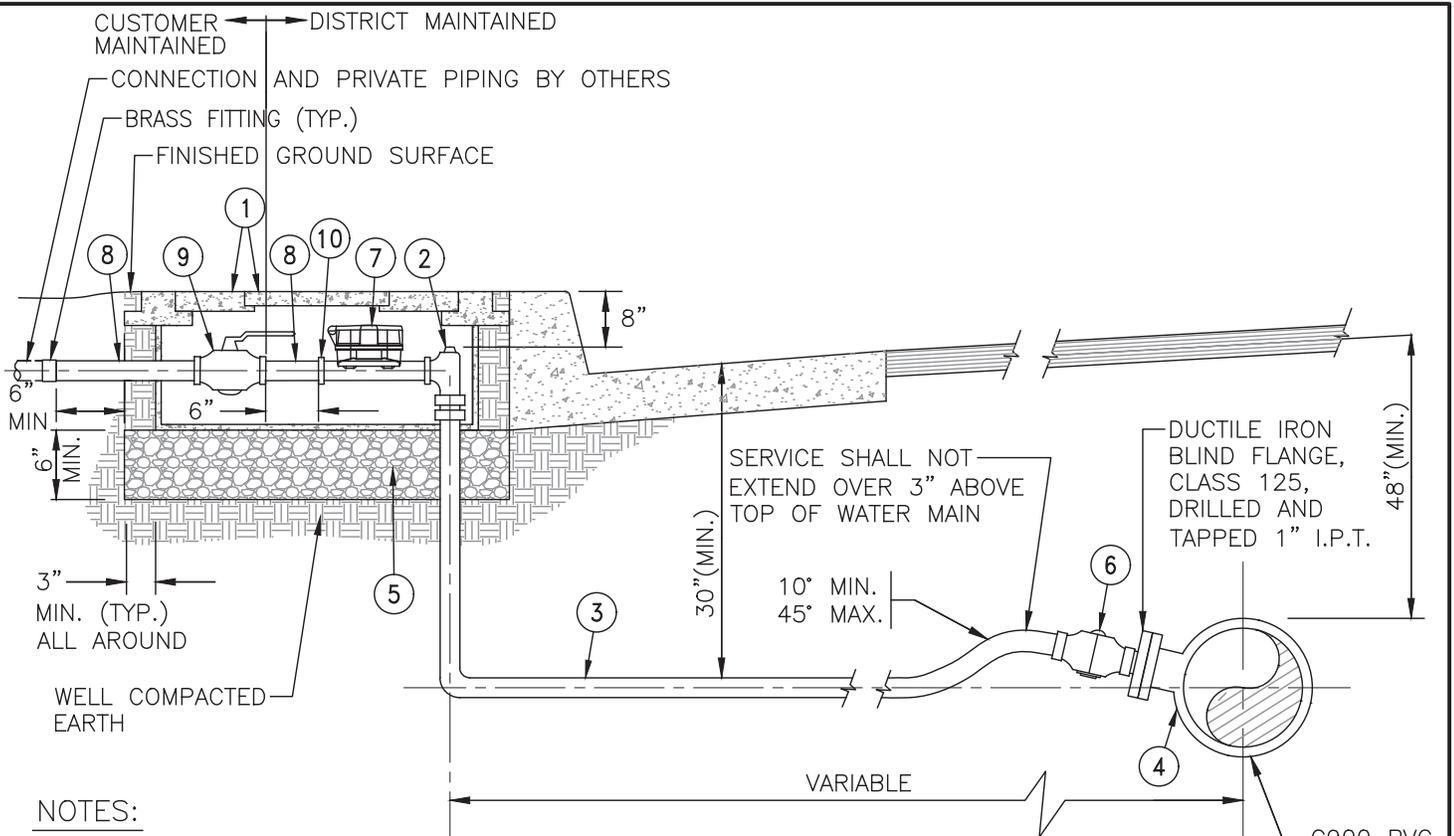
NOTES:

1. WHERE SIDEWALK IS DIRECTLY BEHIND CURB, LOCATE METER BOX RIGHT BEHIND THE SIDEWALK.
2. WHERE PARKWAY IS DIRECTLY BEHIND CURB, LOCATE METER BOX RIGHT BEHIND THE CURB
3. PIPE THREADS SHALL BE CLEAN AND SHARP AND SEALED WITH AN APPROVED JOINT COMPOUND.
4. METER SHALL NOT BE PLACED IN DRAINAGE AREA, DEPRESSIONS OR WITHIN TWO FEET OF A DRIVEWAY APPROACH.
5. DISTRICT MAINTAINED: ANGLE METER, METER, METER TAIL, CHECK VALVE, 2" NIPPLE
6. CUSTOMER MAINTAINED: BRASS BALL VALVE
7. FOR 1" METER INSTALLATION, SUBSTITUTE 1" DIMENSION WHERE 3/4" IS INDICATED.

ITEM	DESCRIPTION
①	J & R POLYMER CONCRETE METER BOX P-W 6B WITH PURPLE LID OR APPROVED EQUAL. USE METER BOX P-W 6B-20K FOR INCIDENTAL TRAFFIC CONDITIONS, CHECK FOR H2O RATED (FOR E-METER READ, THE METER BOX LID SHALL HAVE QUICK READ PORT, BADGER METER ENDPOINT: ORION CELL-C).
②	1" x 3/4" BALL ANGLE METER STOP W/ LOCK WING
③	1" PLASTIC COATED COPPER TUBE, TYPE K, COPPER SHALL BE CONTINUOUS WITH NO JOINTS FROM SERVICE CONNECTION TO RISER, COLOR PURPLE
④	RECYCLED WATERMAIN DIA. X 1" SERVICE SADDLE PER DISTRICT SPECIFICATIONS (FOR C909 PVC OR DUCTILE IRON RECYCLED WATERMAIN)
⑤	3/4" DIA. CRUSHED ROCK
⑥	1" DIA. BALL CORP. STOP, I.P.T. INLET X PACK JOINT
⑦	3/4" OR 1" AMI ULTRASONIC METER, FURNISHED BY THE CONTRACTOR
⑧	1" DIA. BRASS PIPE WITH PROTECTIVE WRAP
⑨	1" BRASS BALL VALVE W/ HANDLE. NOTE: NOT REQUIRED IF BACKFLOW ASSEMBLY IS INSTALLED
⑩	3/4" x 1" METER TAIL FOR 1" METER ONLY

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE	3/4" OR 1" METER, 1" SERVICE DETAIL FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO. R/NP-8A
DATE: APRIL 2024	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS	
APPROVED BY: Sinnaro Yos, P.E. C68607	RIVERSIDE CALIFORNIA	W.O. 2023-3229



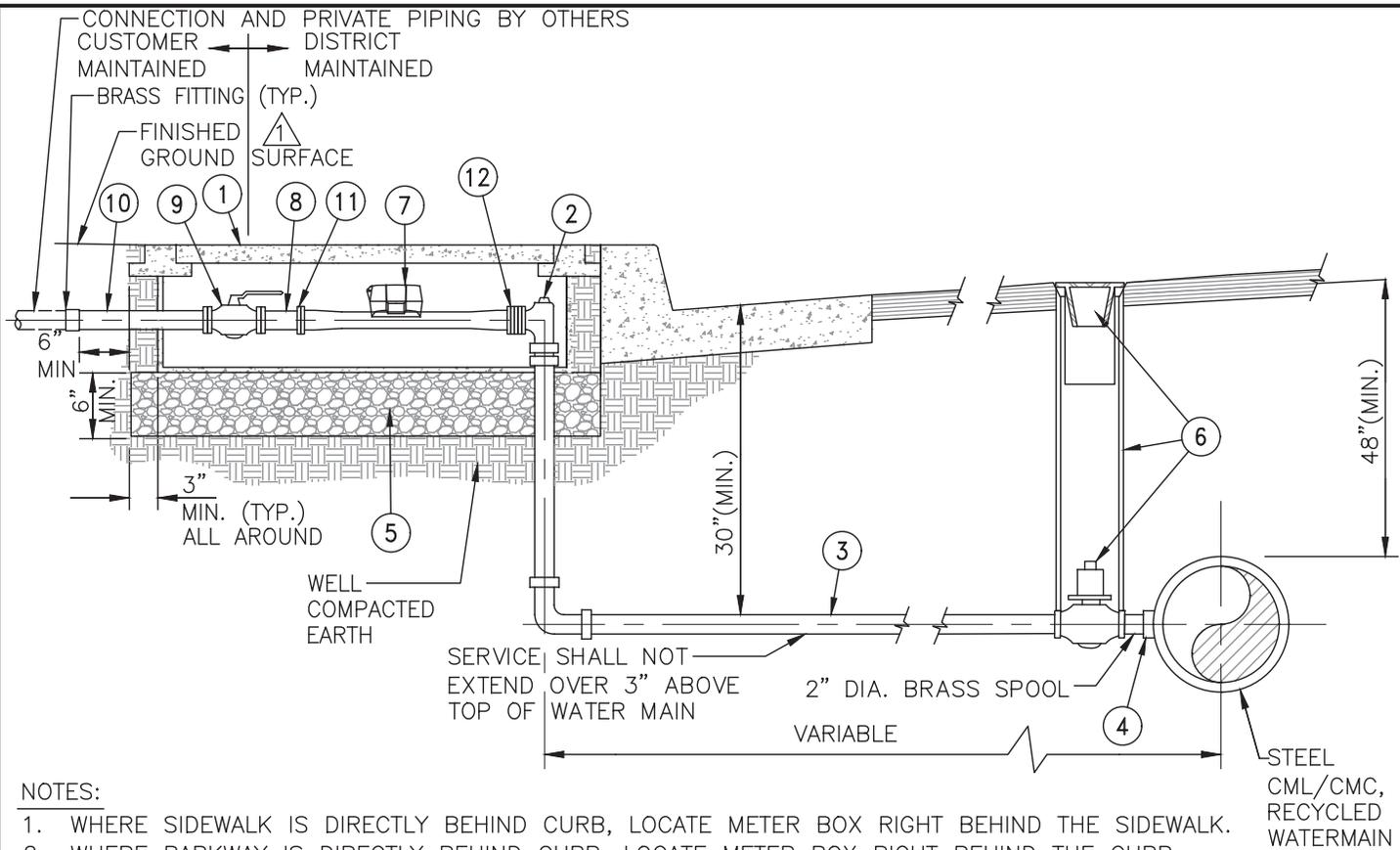
NOTES:

1. WHERE SIDEWALK IS DIRECTLY BEHIND CURB, LOCATE METER BOX RIGHT BEHIND THE SIDEWALK.
2. WHERE PARKWAY IS DIRECTLY BEHIND CURB, LOCATE METER BOX RIGHT BEHIND THE CURB
3. PIPE THREADS SHALL BE CLEAN AND SHARP AND SEALED WITH AN APPROVED JOINT COMPOUND.
4. METER SHALL NOT BE PLACED IN DRAINAGE AREA, DEPRESSIONS OR WITHIN TWO FEET OF A DRIVEWAY APPROACH.
5. DISTRICT MAINTAINED: ANGLE METER, METER, METER TAIL, CHECK VALVE, 2" NIPPLE
6. CUSTOMER MAINTAINED: BRASS BALL VALVE
7. FOR 1" METER INSTALLATION, SUBSTITUTE 1" DIMENSION WHERE 3/4" IS INDICATED.

ITEM	DESCRIPTION
①	J & R POLYMER CONCRETE BOX P-W 6B WITH PURPLE LID OR APPROVED EQUAL. USED METER BOX P-W 6B-20K FOR INCIDENTAL TRAFFIC CONDITIONS. CHECK FOR H2O RATED (FOR E-METER READ, THE METER BOX LID SHALL HAVE QUICK READ PORT, BADGER METER ENDPOINT: ORION CELL-C).
②	1" x 3/4" BALL ANGLE METER STOP W/ LOCK WING
③	1" PLASTIC COATED COPPER TUBE, TYPE K, COPPER SHALL BE CONTINUOUS WITH NO JOINTS FROM SERVICE CONNECTION TO RISER, COLOR PURPLE
④	DUCTILE IRON TEE (MAINLINE SIZE (MJ) X BRANCH SIZE (FL)) WITH DUCTILE IRON BLIND FLANGE, CLASS 125, DRILLED AND TAPPED 1" I.P.T. FOR CORP STOP
⑤	3/4" DIA. CRUSHED ROCK
⑥	1" DIA. BALL CORP. STOP, I.P.T. INLET X PACK JOINT
⑦	3/4" OR 1" AMI ULTRASONIC METER, FURNISHED BY THE CONTRACTOR
⑧	1" DIA. BRASS PIPE WITH PROTECTIVE WRAP
⑨	1" BRASS BALL VALVE W/ HANDLE. NOTE: NOT REQUIRED IF BACKFLOW ASSEMBLY IS INSTALLED
⑩	3/4" x 1" METER TAIL FOR 1" METER ONLY

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE	3/4" OR 1" METER, 1" SERVICE DETAIL FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO. R/NP-8B
DATE: APRIL 2024	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS	
APPROVED BY: Sinnaro Yos, P.E. C68607	RIVERSIDE CALIFORNIA	W.O. 2023-3229



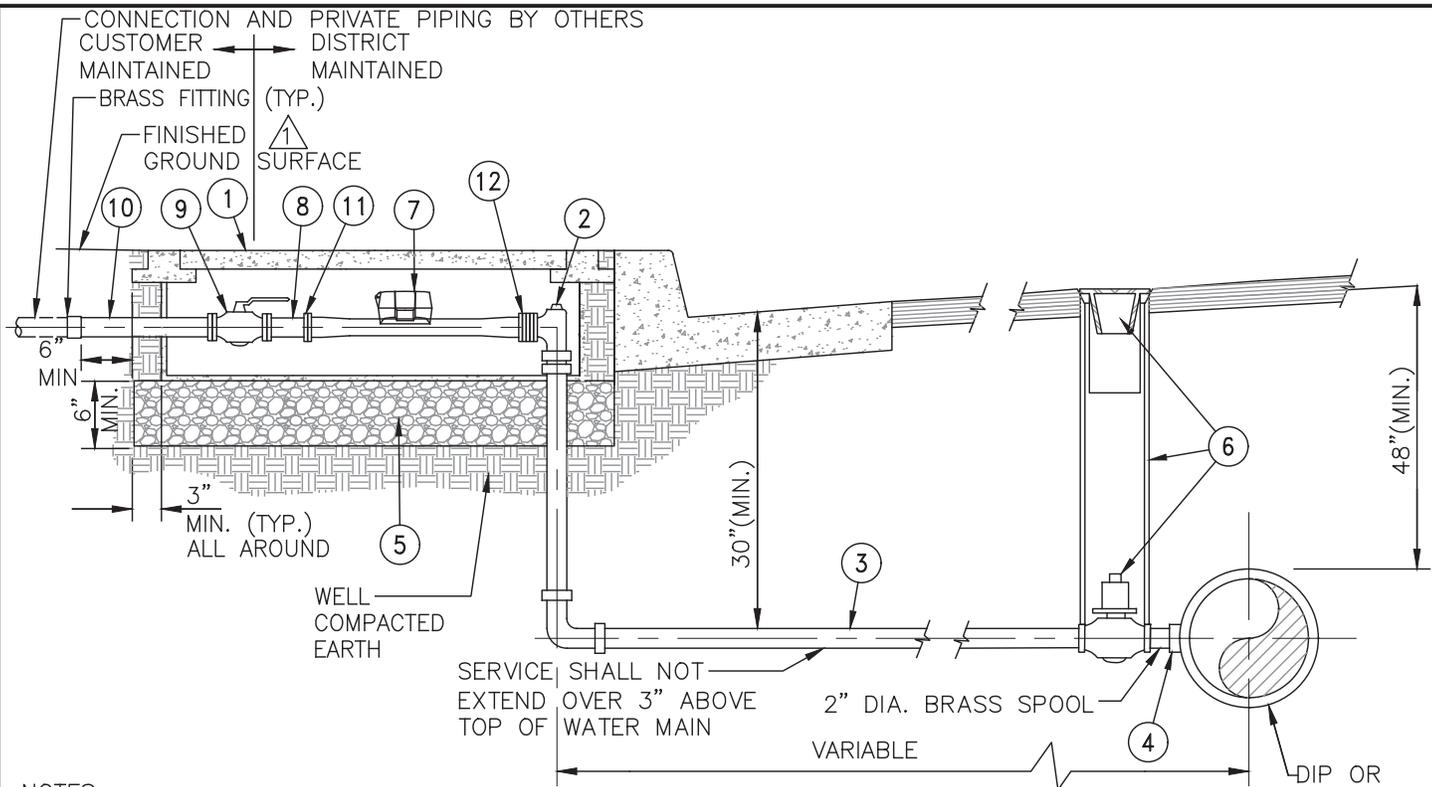
NOTES:

1. WHERE SIDEWALK IS DIRECTLY BEHIND CURB, LOCATE METER BOX RIGHT BEHIND THE SIDEWALK.
2. WHERE PARKWAY IS DIRECTLY BEHIND CURB, LOCATE METER BOX RIGHT BEHIND THE CURB.
3. PIPE THREADS SHALL BE CLEAN AND SHARP AND SEALED WITH AN APPROVED JOINT COMPOUND.
4. METER SHALL NOT BE PLACED IN DRAINAGE AREA, DEPRESSIONS OR WITHIN TWO FEET OF A DRIVEWAY APPROACH.
5. NOTE: FOR 2" SERVICE INSTALLATION, SUBSTITUTE 2" DIMENSION WHERE 1-1/2" IS INDICATED.
6. DISTRICT MAINTAINED: ANGLE METER, METER, METER TAIL, CHECK VALVE, 2" NIPPLE
7. CUSTOMER MAINTAINED: BRASS BALL VALVE

ITEM	DESCRIPTION
①	J & R POLYMER CONCRETE BOX P-W 6B WITH PURPLE LID OR APPROVED EQUAL. USED METER BOX P-W 6B-20K FOR INCIDENTAL TRAFFIC CONDITIONS. CHECK FOR H2O RATED (FOR E-METER READ, THE METER BOX LID SHALL HAVE QUICK READ PORT, BADGER METER ENDPOINT: ORION CELL-C).
②	1-1/2" BALL ANGLE METER STOP W/ LOCK WING AND 2" OVAL FLANGE
③	2" DIA. PLASTIC COATED COPPER PIPE, TYPE K, COPPER PIPE SHALL BE CONTINUOUS WITH NO JOINTS FROM SERVICE CONNECTION TO RISER, COLOR PURPLE
④	BLK. STL. STD. COUPLING TO PIPE W/ COLLAR PER STD. D-6 (FOR STEEL RECYCLED WATERMAIN)
⑤	3/4" DIA. CRUSHED ROCK
⑥	2" DIA. QUARTER TURN BALL VALVE W/ 2" SQ. OPERATING NUT, 6" DIA. VALVE CAN PER STD. DWG. R/NP-6 (M.I.P. X COMPRESSION)
⑦	1-1/2" AMI ULTRASONIC METER, FURNISHED BY THE CONRACTOR
⑧	1-1/2" DIA. BRASS PIPE WITH PROTECTIVE WRAP
⑨	1-1/2" BRASS BALL VALVE W/ HANDLE. NOTE: NOT REQUIRED IF BACKFLOW ASSEMBLY IS INSTALLED
⑩	MIN. 12" BRASS SPOOL WITH PROTECTIVE WRAP
⑪	OVAL SHAPED FLANGE TO MATCH METER
⑫	2" OVAL FL. ADAPTER 2" x 1-1/2" BUSHING, 1-1/2" OVAL FL. ADAPTER

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE	1-1/2" METER, 2" SERVICE DETAIL	DRAWING NO.
DATE: APRIL 2024	FOR RECYCLED/NON-POTABLE WATER LINE	R/NP-9
APPROVED BY: Sinnaro Yos, P.E. C68607	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS RIVERSIDE CALIFORNIA	W.O. 2023-3229



NOTES:

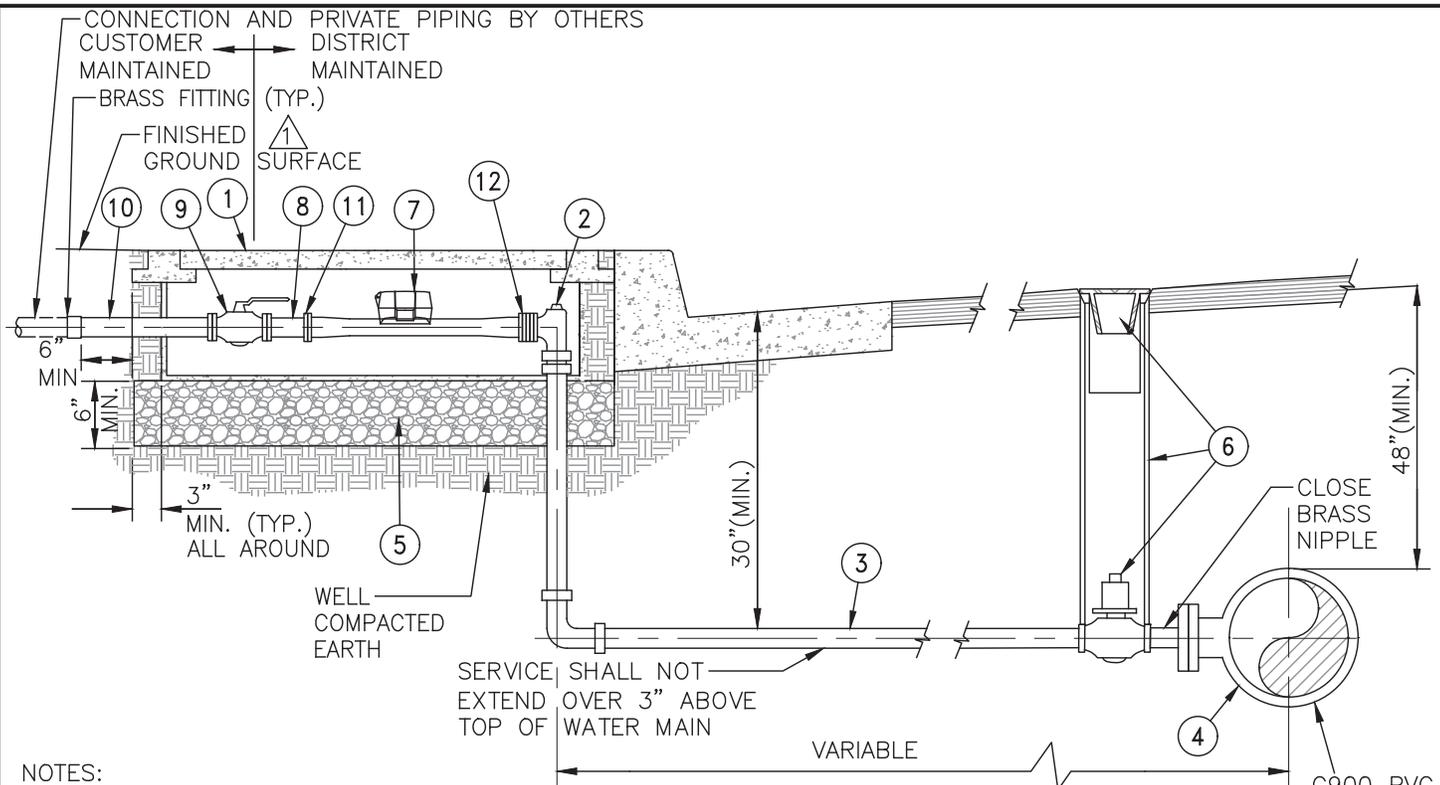
1. WHERE SIDEWALK IS DIRECTLY BEHIND CURB, LOCATE METER BOX RIGHT BEHIND THE SIDEWALK.
2. WHERE PARKWAY IS DIRECTLY BEHIND CURB, LOCATE METER BOX RIGHT BEHIND THE CURB.
3. PIPE THREADS SHALL BE CLEAN AND SHARP AND SEALED WITH AN APPROVED JOINT COMPOUND.
4. METER SHALL NOT BE PLACED IN DRAINAGE AREA, DEPRESSIONS OR WITHIN TWO FEET OF A DRIVEWAY APPROACH.
5. NOTE: FOR 2" SERVICE INSTALLATION, SUBSTITUTE 2" DIMENSION WHERE 1-1/2" IS INDICATED.
6. DISTRICT MAINTAINED: ANGLE METER, METER, METER TAIL, CHECK VALVE, 2" NIPPLE
7. CUSTOMER MAINTAINED: BRASS BALL VALVE

ITEM	DESCRIPTION
①	J & R POLYMER CONCRETE BOX P-W 6B WITH PURPLE LID OR APPROVED EQUAL. USED METER BOX P-W 6B-20K FOR INCIDENTAL TRAFFIC CONDITIONS. CHECK FOR H2O RATED (FOR E-METER READ, THE METER BOX LID SHALL HAVE QUICK READ PORT, BADGER METER ENDPOINT: ORION CELL-C).
②	1-1/2" BALL ANGLE METER STOP W/ LOCK WING AND 2" OVAL FLANGE
③	2" DIA. PLASTIC COATED COPPER PIPE, TYPE K, COPPER PIPE SHALL BE CONTINUOUS WITH NO JOINTS FROM SERVICE CONNECTION TO RISER, COLOR PURPLE
④	WATERMAIN DIA. x 2", SERVICE SADDLE PER DISTRICT SPECIFICATIONS (FOR C909 PVC OR DUCTILE IRON RECYCLED WATERMAIN)
⑤	3/4" DIA. CRUSHED ROCK
⑥	2" DIA. QUARTER TURN BALL VALVE W/ 2" SQ. OPERATING NUT, 6" DIA. VALVE CAN PER STD. DWG. R/NP-6 (M.I.P. X COMPRESSION)
⑦	1-1/2" AMI ULTRASONIC METER, FURNISHED BY THE CONTRACTOR
⑧	1-1/2" DIA. BRASS PIPE WITH PROTECTIVE WRAP
⑨	1-1/2" BRASS BALL VALVE W/ HANDLE. NOTE: NOT REQUIRED IF BACKFLOW ASSEMBLY IS INSTALLED
⑩	MIN. 12" BRASS SPOOL WITH PROTECTIVE WRAP
⑪	OVAL SHAPED FLANGE TO MATCH METER
⑫	2" OVAL FL. ADAPTER 2" x 1-1/2" BUSHING, 1-1/2" OVAL FL. ADAPTER

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE	1-1/2" METER, 2" SERVICE DETAIL	DRAWING NO.
DATE: APRIL 2024	FOR RECYCLED/NON-POTABLE WATER LINE	R/NP-9A
APPROVED BY:	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS	
Sinnaro Yos, P.E. C68607	RIVERSIDE CALIFORNIA	W.O. 2023-3229

REV.



NOTES:

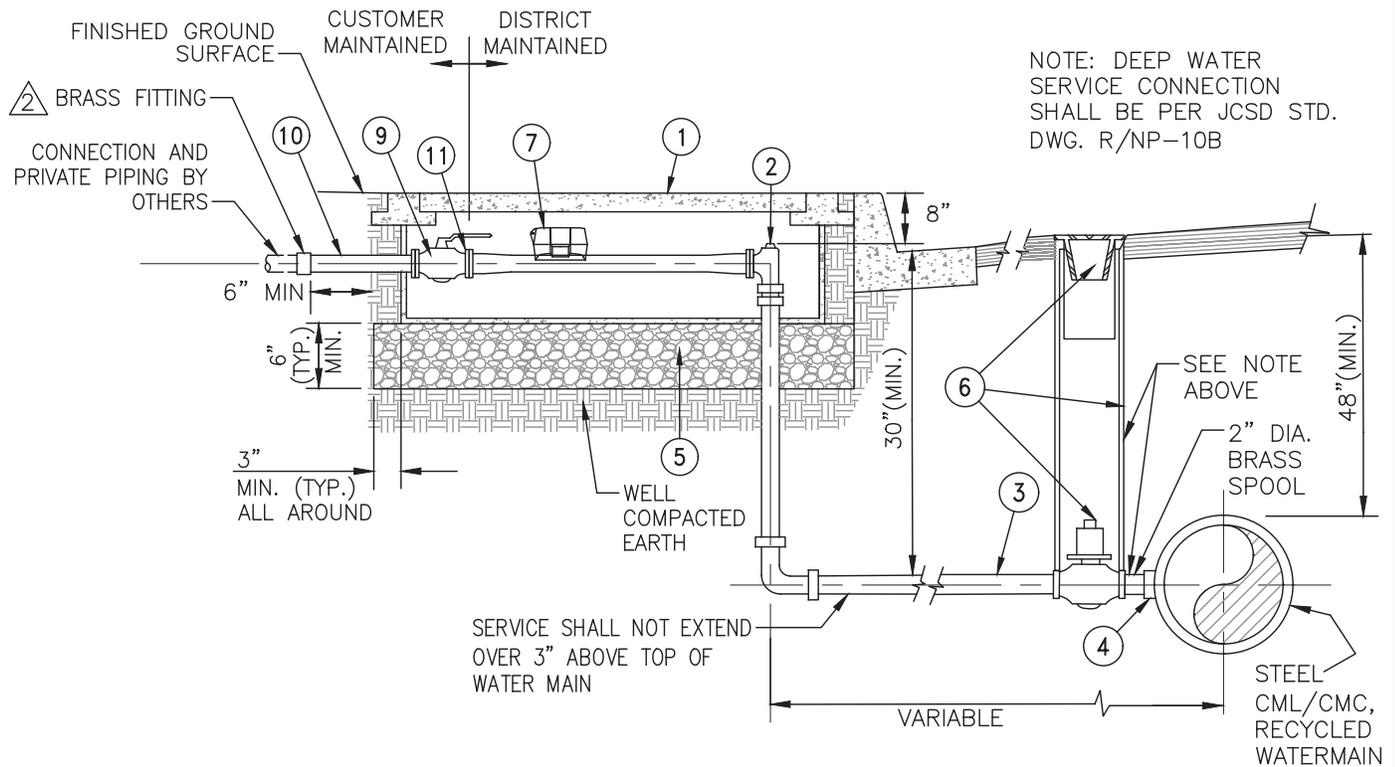
1. WHERE SIDEWALK IS DIRECTLY BEHIND CURB, LOCATE METER BOX RIGHT BEHIND THE SIDEWALK.
2. WHERE PARKWAY IS DIRECTLY BEHIND CURB, LOCATE METER BOX RIGHT BEHIND THE CURB.
3. PIPE THREADS SHALL BE CLEAN AND SHARP AND SEALED WITH AN APPROVED JOINT COMPOUND.
4. METER SHALL NOT BE PLACED IN DRAINAGE AREA, DEPRESSIONS OR WITHIN TWO FEET OF A DRIVEWAY APPROACH.
5. NOTE: FOR 2" SERVICE INSTALLATION, SUBSTITUTE 2" DIMENSION WHERE 1-1/2" IS INDICATED.
6. DISTRICT MAINTAINED: ANGLE METER, METER, METER TAIL, CHECK VALVE, 2" NIPPLE
7. CUSTOMER MAINTAINED: BRASS BALL VALVE

ITEM	DESCRIPTION
①	J & R POLYMER CONCRETE BOX P-W 6B WITH PURPLE LID OR APPROVED EQUAL. USED METER BOX P-W 6B-20K FOR INCIDENTAL TRAFFIC CONDITIONS. CHECK FOR H2O RATED (FOR E-METER READ, THE METER BOX LID SHALL HAVE QUICK READ PORT, BADGER METER ENDPOINT: ORION CELL-C).
②	1-1/2" BALL ANGLE METER STOP W/ LOCK WING AND 2" OVAL FLANGE
③	2" DIA. PLASTIC COATED COPPER PIPE, TYPE K, COPPER PIPE SHALL BE CONTINUOUS WITH NO JOINTS FROM SERVICE CONNECTION TO RISER, COLOR PURPLE
④	DUCTILE IRON TEE (MAINLINE SIZE (MJ) X BRANCH SIZE (FL)) WITH DUCTILE IRON BLIND FLANGE, CLASS 125, DRILLED AND TAPPED 1" I.P.T. FOR CORP STOP
⑤	3/4" DIA. CRUSHED ROCK
⑥	2" DIA. QUARTER TURN BALL VALVE W/ 2" SQ. OPERATING NUT, 6" DIA. VALVE CAN PER STD. DWG. R/NP-6 (M.I.P. X COMPRESSION)
⑦	1-1/2" AMI ULTRASONIC METER, FURNISHED BY THE CONTRACTOR
⑧	1-1/2" DIA. BRASS PIPE WITH PROTECTIVE WRAP
⑨	1-1/2" BRASS BALL VALVE W/ HANDLE. NOTE: NOT REQUIRED IF BACKFLOW ASSEMBLY IS INSTALLED
⑩	MIN. 12" BRASS SPOOL WITH PROTECTIVE WRAP
⑪	OVAL SHAPED FLANGE TO MATCH METER
⑫	2" OVAL FL. ADAPTER 2" x 1-1/2" BUSHING, 1-1/2" OVAL FL. ADAPTER

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE	1-1/2" METER, 2" SERVICE DETAIL FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO. R/NP-9B
DATE: APRIL 2024	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS	
APPROVED BY: Sinnaro Yos, P.E. C68607	RIVERSIDE CALIFORNIA	W.O. 2023-3229

REV.



NOTE: DEEP WATER SERVICE CONNECTION SHALL BE PER JCSD STD. DWG. R/NP-10B

NOTES:

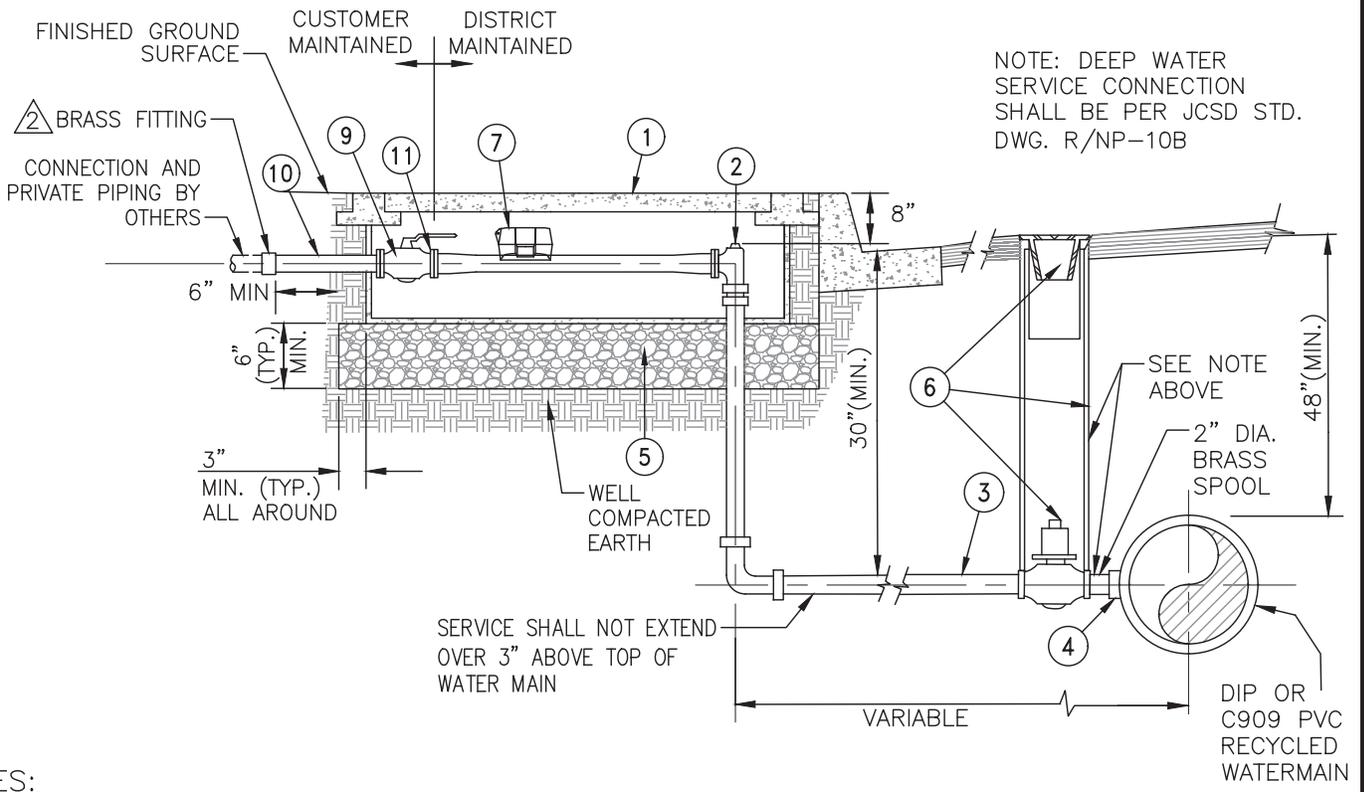
1. WHERE SIDEWALK IS DIRECTLY BEHIND CURB, LOCATE METER BOX RIGHT BEHIND THE SIDEWALK.
2. WHERE PARKWAY IS DIRECTLY BEHIND CURB, LOCATE METER BOX RIGHT BEHIND THE CURB.
3. PIPE THREADS SHALL BE CLEAN AND SHARP AND SEALED WITH AN APPROVED JOINT COMPOUND.
4. METER SHALL NOT BE PLACED IN DRAINAGE AREA, DEPRESSIONS OR WITHIN TWO FEET OF A DRIVEWAY APPROACH.
5. PROVIDE 2" BRASS BALL VALVE W/ HANDLE BEHIND METER IN METER BOX IF BACKFLOW DEVICE IS NOT INSTALLED.

ITEM	DESCRIPTION
①	J & R POLYMER CONCRETE BOX P-W 6B WITH PURPLE LID OR APPROVED EQUAL. USED METER BOX P-W 6B-20K FOR INCIDENTAL TRAFFIC CONDITIONS. CHECK FOR H2O RATED (FOR E-METER READ, THE METER BOX LID SHALL HAVE QUICK READ PORT, BADGER METER ENDPOINT: ORION CELL-C).
②	2" BRONZE BALL ANGLE METER STOP W/LOCK WING AND 2" OVAL FLANGE
③	2" DIA. PLASTIC COATED COPPER PIPE, TYPE K, COPPER PIPE SHALL BE CONTINUOUS WITH NO JOINTS FROM SERVICE CONNECTION TO RISER, COLOR PURPLE.
④	BLK. STL. STD. COUPLING TO PIPE W/ COLLAR PER STD. D-6 (FOR STEEL RECYCLED WATERMAIN)
⑤	3/4" DIA. CRUSHED ROCK
⑥	2" DIA. QUARTER TURN BALL VALVE (MIP X COMPRESSION) W/ 2" SQ. OPERATING NUT, 6" DIA. VALVE CAN PER STD. DWG. R/NP-6
⑦	2" AMI ULTRASONIC METER, FURNISHED BY THE CONTRACTOR
⑧	NOT USED
⑨	2" BRASS BALL VALVE W/ HANDLE. NOTE: NOT REQUIRED IF BACKFLOW ASSEMBLY IS INSTALLED
⑩	2" BRASS PIPE WITH PROTECTIVE WRAP, FIELD ADJUST (MAINTAIN 12" MIN. BETWEEN ANGLE STOP & METER FLANGES)
⑪	OVAL SHAPED FLANGE TO MATCH METER

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE	2" METER, 2" SERVICE DETAIL FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO. R/NP-10
DATE: APRIL 2024	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS	
APPROVED BY: Sinnaro Yos, P.E. C68607	RIVERSIDE CALIFORNIA	W.O. 2023-3229

REV.



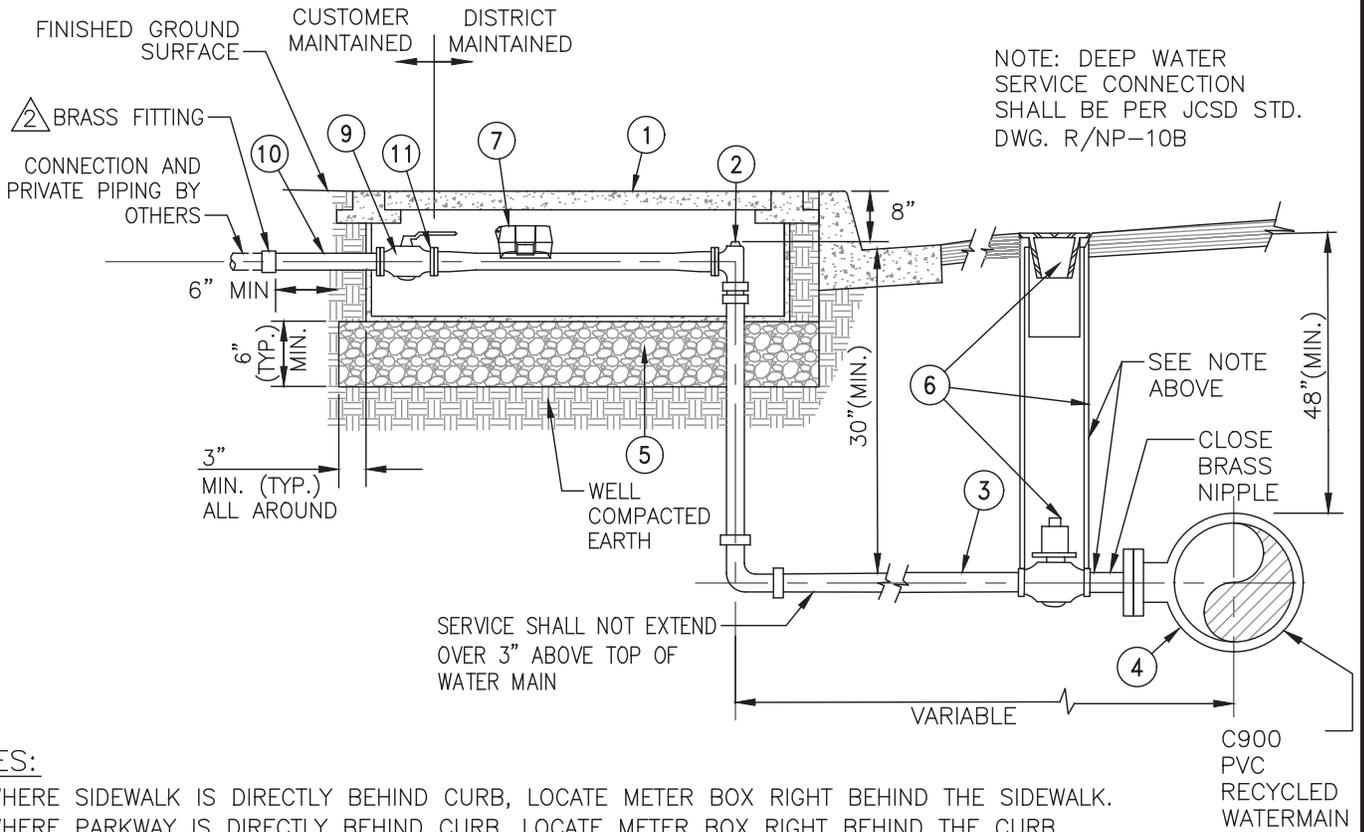
NOTES:

1. WHERE SIDEWALK IS DIRECTLY BEHIND CURB, LOCATE METER BOX RIGHT BEHIND THE SIDEWALK.
2. WHERE PARKWAY IS DIRECTLY BEHIND CURB, LOCATE METER BOX RIGHT BEHIND THE CURB.
3. PIPE THREADS SHALL BE CLEAN AND SHARP AND SEALED WITH AN APPROVED JOINT COMPOUND.
4. METER SHALL NOT BE PLACED IN DRAINAGE AREA, DEPRESSIONS OR WITHIN TWO FEET OF A DRIVEWAY APPROACH.
5. PROVIDE 2" BRASS BALL VALVE W/ HANDLE BEHIND METER IN METER BOX IF BACKFLOW DEVICE IS NOT INSTALLED.

ITEM	DESCRIPTION
①	J & R POLYMER CONCRETE BOX P-W 6B WITH PURPLE LID OR APPROVED EQUAL. USED METER BOX P-W 6B-20K FOR INCIDENTAL TRAFFIC CONDITIONS. CHECK FOR H2O RATED (FOR E-METER READ, THE METER BOX LID SHALL HAVE QUICK READ PORT, BADGER METER ENDPOINT: ORION CELL-C).
②	2" BRONZE BALL ANGLE METER STOP W/LOCK WING AND 2" OVAL FLANGE
③	2" DIA. PLASTIC COATED COPPER PIPE, TYPE K, COPPER PIPE SHALL BE CONTINUOUS WITH NO JOINTS FROM SERVICE CONNECTION TO RISER, COLOR PURPLE.
④	RECYCLED WATERMAIN DIA. X 2" SERVICE SADDLE PER DISTRICT SPECIFICATIONS (FOR C909 PVC OR DUCTILE IRON RECYCLED WATERMAIN)
⑤	3/4" DIA. CRUSHED ROCK
⑥	2" DIA. QUARTER TURN BALL VALVE (MIP X COMPRESSION) W/ 2" SQ. OPERATING NUT, 6" DIA. VALVE CAN PER STD. DWG. R/NP-6
⑦	2" AMI ULTRASONIC METER, FURNISHED BY THE CONTRACTOR
⑧	NOT USED
⑨	2" BRASS BALL VALVE W/ HANDLE. NOTE: NOT REQUIRED IF BACKFLOW ASSEMBLY IS INSTALLED
⑩	2" BRASS PIPE WITH PROTECTIVE WRAP, FIELD ADJUST (MAINTAIN 12" MIN. BETWEEN ANGLE STOP & METER FLANGES)
⑪	OVAL SHAPED FLANGE TO MATCH METER

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE	2" METER, 2" SERVICE DETAIL	DRAWING NO.
DATE: APRIL 2024	FOR RECYCLED/NON-POTABLE WATER LINE	R/NP-10A
APPROVED BY: Sinnaro Yos, P.E. C68607	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS RIVERSIDE CALIFORNIA	W.O. 2023-3229



NOTE: DEEP WATER SERVICE CONNECTION SHALL BE PER JCSD STD. DWG. R/NP-10B

NOTES:

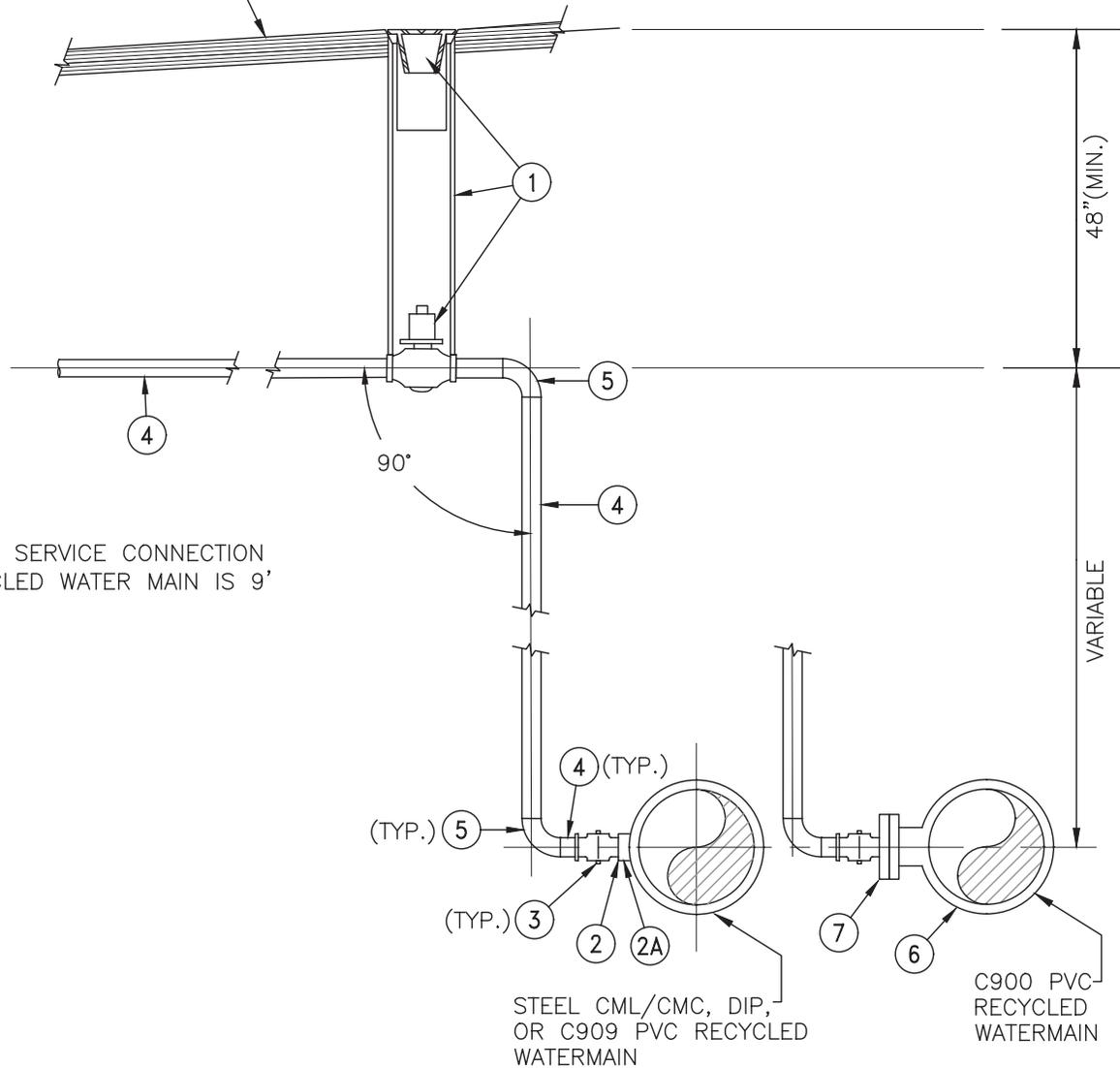
1. WHERE SIDEWALK IS DIRECTLY BEHIND CURB, LOCATE METER BOX RIGHT BEHIND THE SIDEWALK.
2. WHERE PARKWAY IS DIRECTLY BEHIND CURB, LOCATE METER BOX RIGHT BEHIND THE CURB.
3. PIPE THREADS SHALL BE CLEAN AND SHARP AND SEALED WITH AN APPROVED JOINT COMPOUND.
4. METER SHALL NOT BE PLACED IN DRAINAGE AREA, DEPRESSIONS OR WITHIN TWO FEET OF A DRIVEWAY APPROACH.
5. PROVIDE 2" BRASS BALL VALVE W/ HANDLE BEHIND METER IN METER BOX IF BACKFLOW DEVICE IS NOT INSTALLED.

ITEM	DESCRIPTION
①	J & R POLYMER CONCRETE BOX P-W 6B WITH PURPLE LID OR APPROVED EQUAL. USED METER BOX P-W 6B-20K FOR INCIDENTAL TRAFFIC CONDITIONS. CHECK FOR H2O RATED (FOR E-METER READ, THE METER BOX LID SHALL HAVE QUICK READ PORT, BADGER METER ENDPOINT: ORION CELL-C).
②	2" BRONZE BALL ANGLE METER STOP W/LOCK WING AND 2" OVAL FLANGE
③	2" DIA. PLASTIC COATED COPPER PIPE, TYPE K, COPPER PIPE SHALL BE CONTINUOUS WITH NO JOINTS FROM SERVICE CONNECTION TO RISER, COLOR PURPLE.
④	DUCTILE IRON TEE (MAINLINE SIZE (MJ) X BRANCH SIZE (FL)) WITH DUCTILE IRON BLIND FLANGE, CLASS 125, DRILLED AND TAPPED 1" I.P.T. FOR CORP STOP
⑤	3/4" DIA. CRUSHED ROCK
⑥	2" DIA. QUARTER TURN BALL VALVE (MIP X COMPRESSION) W/ 2" SQ. OPERATING NUT, 6" DIA. VALVE CAN PER STD. DWG. R/NP-6
⑦	2" AMI ULTRASONIC METER, FURNISHED BY THE CONTRACTOR
⑧	NOT USED
⑨	2" BRASS BALL VALVE W/ HANDLE. NOTE: NOT REQUIRED IF BACKFLOW ASSEMBLY IS INSTALLED
⑩	2" BRASS PIPE WITH PROTECTIVE WRAP, FIELD ADJUST (MAINTAIN 12" MIN. BETWEEN ANGLE STOP & METER FLANGES)
⑪	OVAL SHAPED FLANGE TO MATCH METER

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE DATE: APRIL 2024	2" METER, 2" SERVICE DETAIL FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO. R/NP-10B
REV. APPROVED BY: _____ Sinnaro Yos, P.E. C68607	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS RIVERSIDE CALIFORNIA	W.O. 2023-3229

FINISHED GROUND SURFACE



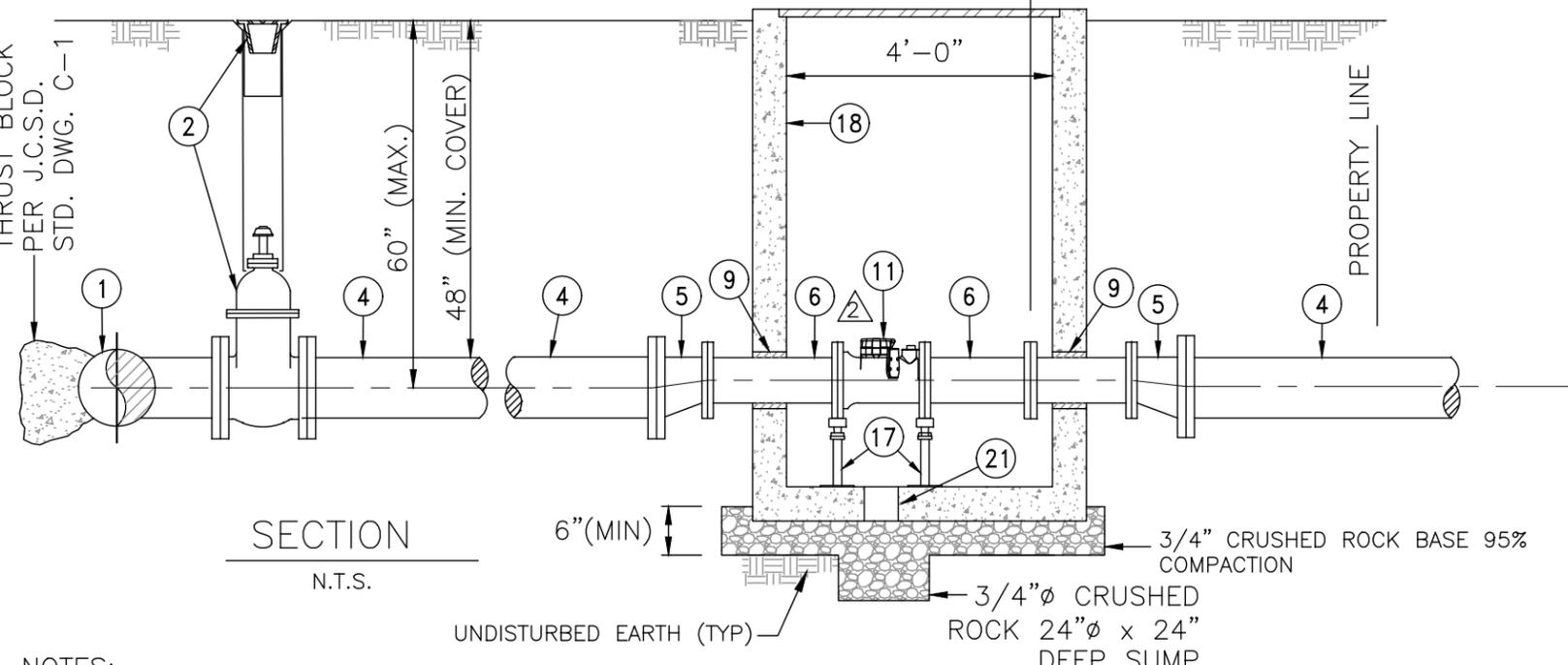
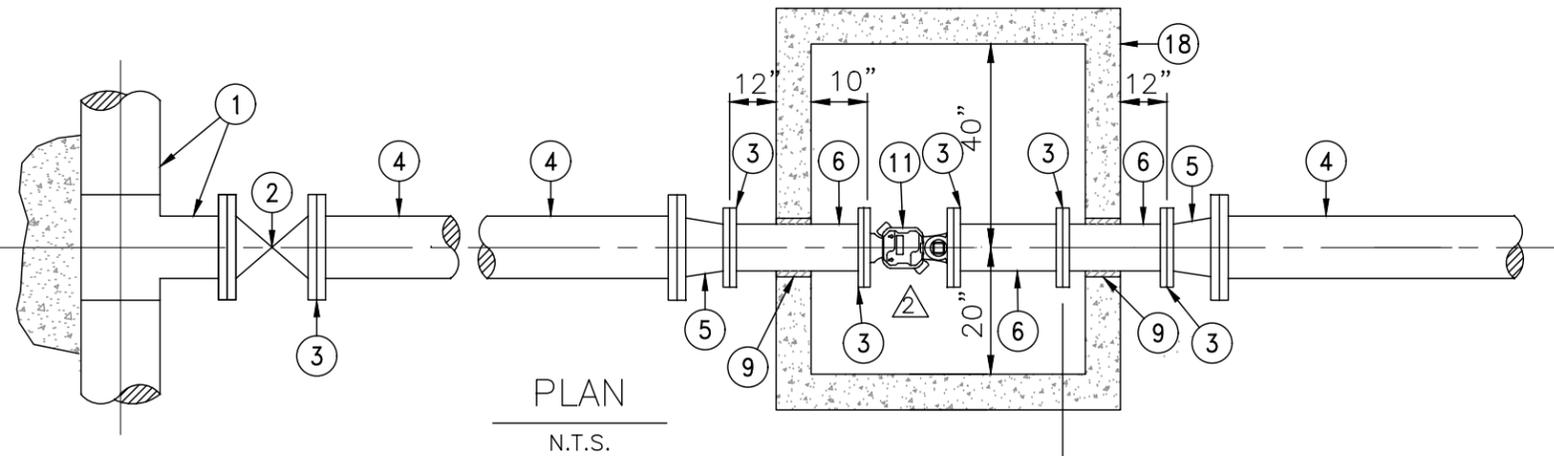
NOTE:
INSTALL THIS SERVICE CONNECTION
WHEN RECYCLED WATER MAIN IS 9'
OR DEEPER

ITEM	DESCRIPTION
①	2" DIA. QUARTER TURN BALL VALVE (MIP X COMPRESSION) W/ 2" SQ. OPERATING NUT, 6" DIA. VALVE CAN PER STD. DWG. R/NP-6
②	BLK. STL. STD. COUPLING TO PIPE W/ COLLAR PER STD. D-6 (STEEL RECYCLED WATERMAIN)
②A	WATERMAIN DIA. x 2", SERVICE SADDLE PER DISTRICT SPECIFICATIONS (DIP, C909 PVC RECYCLED WATERMAIN)
③	2" DIA. BALL CORP. STOP M.I.P. X COMPRESSION
④	2" COPPER WATER SERVICE, TYPE "K", W/ PROTECTIVE WRAP PER SPECIFICATIONS, COLOR PURPLE
⑤	COMPRESSION 90° ELBOW W/ LOCK RING
⑥	DUCTILE IRON TEE (MAINLINE SIZE (MJ) X BRANCH SIZE (FL)).
⑦	DUCTILE IRON BLIND FLANGE, CLASS 125, DRILLED AND TAPPED 2" I.P.T. (C900 PVC RECYCLED WATERMAIN)

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE	DEEP SERVICE CONNECTION FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO.
DATE: APRIL 2024		R/NP-10C
APPROVED BY: Sinnaro Yos, P.E. C68607	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS RIVERSIDE CALIFORNIA	W.O. 2023-3229

REV.

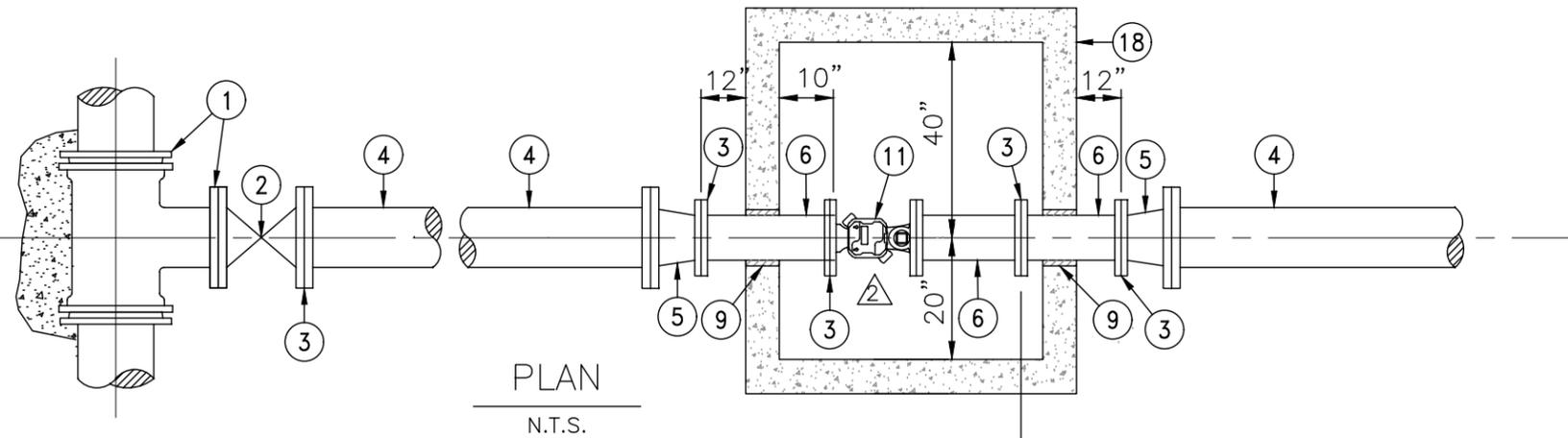


- NOTES:
1. THE RECYCLED WATER SERVICE VAULT SHALL BE LOCATED & INSTALLED SUBJECT TO APPROVAL OF THE DISTRICT. WHERE VAULT IS INSTALLED IN PARKWAY WITH CURB & SIDEWALK, THE VAULT SHALL BE PLACED PARALLEL TO THE CURB LINE & PIPING.
 2. ADJUST VAULT AND COVER TO MEET SIDEWALK AND CURB GRADE.
 3. ALL FIELD JOINTS SHALL BE FLANGED UNLESS OTHERWISE INDICATED. ALL WELDED JOINTS ON EPOXY LINED STD. WT. PIPE SHALL BE SHOP FABRICATED AND ALL EPOXY LINING SHALL BE SHOP APPLIED.
 4. PIPE THREADS SHALL BE CLEAN AND SHARP AND SEALED WITH APPROVED JOINT COMPOUND.
 5. ALL BARE METAL INSIDE THE VAULT SHALL BE PAINTED WITH PRIMER AND TWO (2) COATS OF PURPLE PAINT PER DISTRICT SPECIFICATIONS. NO PRIMER ON BRASS OR BRONZE.
 6. SHOULD THE DEPTH OF THE VAULT EXCEED FOUR (4) FEET, AN OSHA APPROVED LADDER ATTACHED TO AN INSIDE WALL SHALL BE PROVIDED. THE LOCATION OF THE LADDER SHALL BE AS DIRECTED BY THE DISTRICT.
 7. EXTERIOR PAINTED W/ PRIMER AND TWO (2) COATS OF PURPLE PAINT PER DISTRICT SPECIFICATIONS (NO PRIMER ON BRASS OR BRONZE).

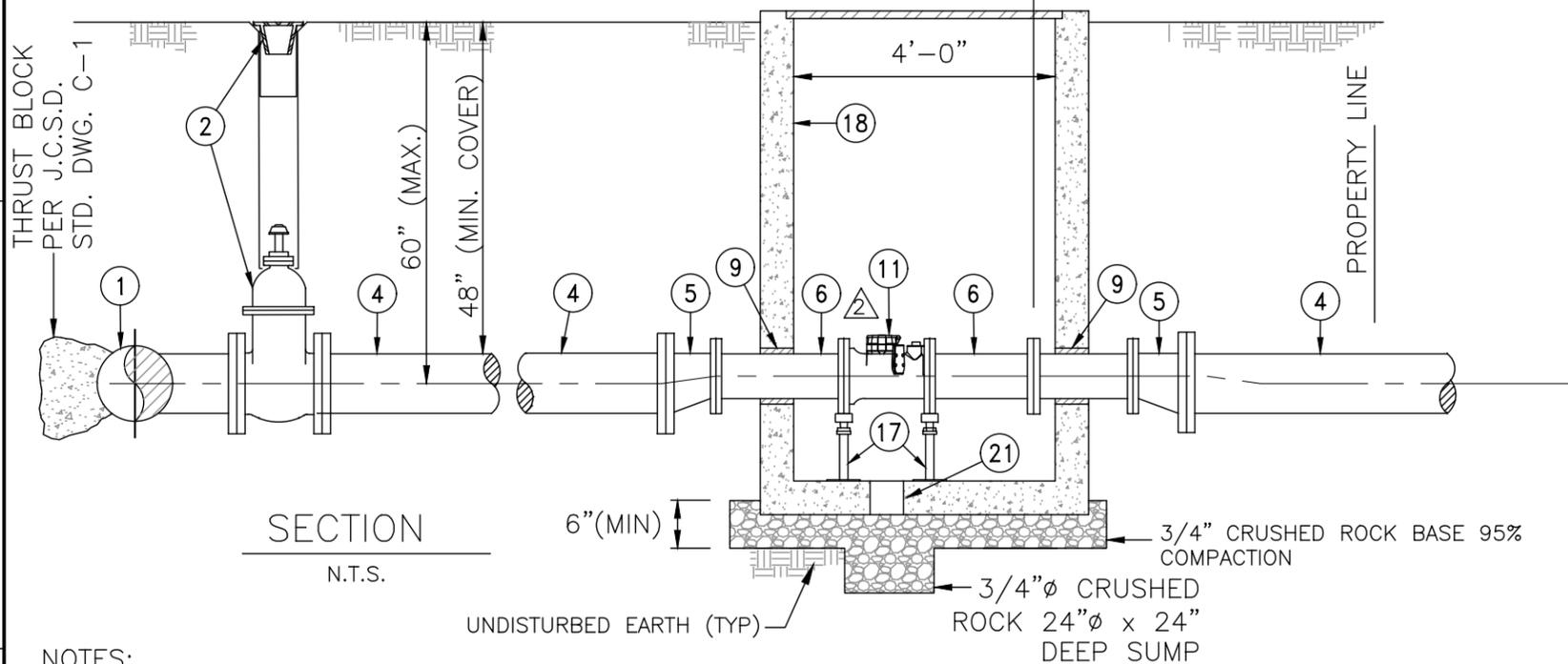
ITEM	DESCRIPTION
1	MAINLINE DIA. X 4" DIA. (A.W.W.A.) FLANGED OUTLET TEE PER STD. DWG. NO. C-6.
2	6" DIA. VALVE BOX & 4" GATE VALVE INSTALLATION PER J.C.S.D. STD. DWG. NO. R/NP-6
3	150# SLIP ON FLANGE (TYPICAL).
4	4" DIA. CML/CMC W.S.P. (10 GA. MIN.) PAINTED WITH PRIMER AND TWO (2) COATS OF PURPLE PAINT COLOR PANTONE 522C PER DISTRICT SPECIFICATIONS.
5	4" x 3" "FLAT TOP" FLANGED REDUCER CML/CMC (10 GA. MIN.)
6	3" STEEL CML/CMC PIPE (10 GA. MIN.)
7	REMOVE AN ADEQUATE AMOUNT OF CMC TO ALLOW PROPER INSTALLATION OF THE FLANGED COUPLING ADAPTOR. PAINT BARE METAL PER NOTE 5.
8	NOT USED
9	KNOCKOUTS AS REQUIRED (2" LARGER THAN PIPE SIZE O.D. ALL AROUND) DRY PACK ALL AROUND PIPE.
10	NOT USED
11	3" AMI ULTRASONIC METER (FURNISHED BY CONTRACTOR/DEVELOPER AS APPROVED BY DISTRICT). ADD PURPLE TAG AND SECURE TO METER.
12	NOT USED
13	FLANGED COUPLING ADAPTOR, SMITH-BLAIR NO. 913 OR APPROVED EQUAL.
14	NOT USED
15	NOT USED
16	NOT USED
17	PIPE SUPPORT PER J.C.S.D. STD. DWG. NO. R/NP-5.
18	PRE-CAST CONC. VAULT 5'x6' W/2 PIECE 4'x 6' TORSION HINGED GALV. OR ALUM. COVER (COLOR PURPLE), W/6"x 6" METER READING LID, QUICKSET OR APPROVED. EQUAL. COVER TO BE SPECIFIED FOR TRAFFIC LOADS WHERE REQUIRED. COVERS TO BE EQUIPPED WITH SAFETY CHAINS TO LIMIT COVER TRAVEL TO A MAXIMUM OF 10" BEYOND THE VERTICAL POSITION WHEN FULLY OPENED. NOTE: DEPENDENT UPON SELECTED METER DIMENSIONS VAULT SIZE MAY NEED TO BE INCREASED TO MAINTAIN MINIMUM INTERNAL CLEARANCE DIMENSIONS SHOWN.
19	NOT USED
20	NOT USED
21	6" DIA. SUMP

JURUPA COMMUNITY SERVICES DISTRICT		
SCALE:	3" SERVICE METER (CML/C) FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO.
DATE: APRIL 2024		R/NP-11
APPROVED BY:	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS	
Sinnaro Yos, P.E. C68607	RIVERSIDE CALIFORNIA	W.O. 2023-3229

REV.



PLAN
N.T.S.



SECTION
N.T.S.

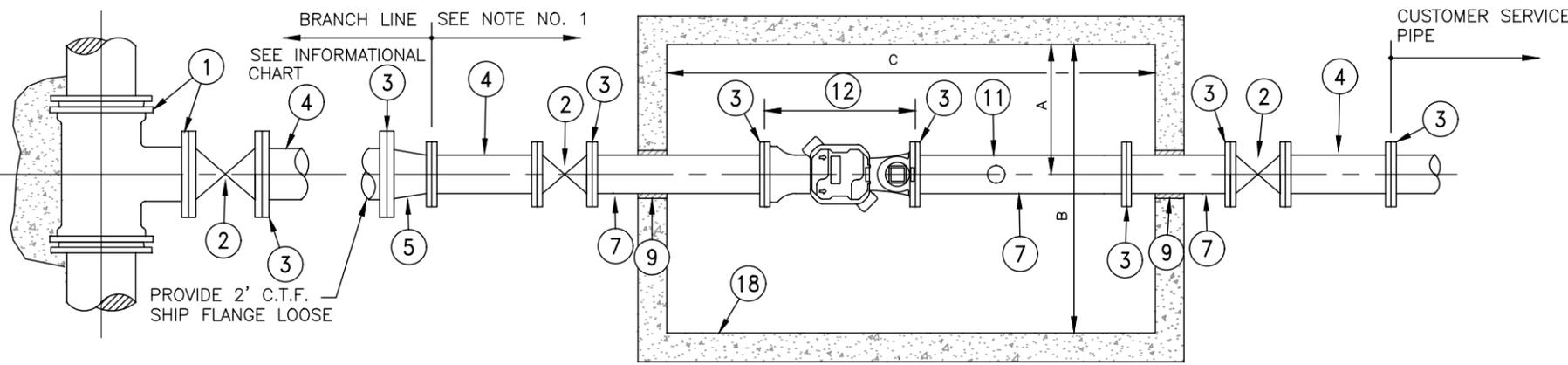
NOTES:

1. THE RECYCLED WATER SERVICE VAULT SHALL BE LOCATED & INSTALLED SUBJECT TO APPROVAL OF THE DISTRICT. WHERE VAULT IS INSTALLED IN PARKWAY WITH CURB & SIDEWALK, THE VAULT SHALL BE PLACED PARALLEL TO THE CURB LINE & PIPING.
2. ADJUST VAULT AND COVER TO MEET SIDEWALK AND CURB GRADE.
3. ALL FIELD JOINTS SHALL BE FLANGED UNLESS OTHERWISE INDICATED. ALL WELDED JOINTS ON EPOXY LINED STD. WT. PIPE SHALL BE SHOP FABRICATED AND ALL EPOXY LINING SHALL BE SHOP APPLIED.
4. PIPE THREADS SHALL BE CLEAN AND SHARP AND SEALED WITH APPROVED JOINT COMPOUND.
5. ALL BARE METAL INSIDE THE VAULT SHALL BE PAINTED WITH PRIMER AND TWO (2) COATS OF PURPLE PAINT PER DISTRICT SPECIFICATIONS. NO PRIMER ON BRASS OR BRONZE.
6. SHOULD THE DEPTH OF THE VAULT EXCEED FOUR (4) FEET, AN OSHA APPROVED LADDER ATTACHED TO AN INSIDE WALL SHALL BE PROVIDED. THE LOCATION OF THE LADDER SHALL BE AS DIRECTED BY THE DISTRICT.
7. EXTERIOR PAINTED W/ PRIMER AND TWO (2) COATS OF PURPLE PAINT PER DISTRICT SPECIFICATIONS (NO PRIMER ON BRASS OR BRONZE).

ITEM	DESCRIPTION
①	DUCTILE IRON TEE (MAINLINE SIZE) (MJ) X BRANCH SIZE PLUS REDUCER AS REQUIRED FOR SERVICE SIZE
②	6" DIA. VALVE BOX & 4" GATE VALVE INSTALLATION PER J.C.S.D. STD. DWG. NO. R/NP-6
③	150# SLIP ON FLANGE (TYPICAL).
④	4" DIA. CML/CMC W.S.P. (10 GA. MIN.) PAINTED WITH PRIMER AND TWO (2) COATS OF PURPLE PAINT COLOR PANTONE 522C PER DISTRICT SPECIFICATIONS.
⑤	4" x 3" "FLAT TOP" FLANGED REDUCER CML/CMC (10 GA. MIN.)
⑥	3" STEEL CML/CMC PIPE (10 GA. MIN.)
⑦	REMOVE AN ADEQUATE AMOUNT OF CMC TO ALLOW PROPER INSTALLATION OF THE FLANGED COUPLING ADAPTOR. PAINT BARE METAL PER NOTE 5.
⑧	NOT USED
⑨	KNOCKOUTS AS REQUIRED (2" LARGER THAN PIPE SIZE O.D. ALL AROUND) DRY PACK ALL AROUND PIPE.
⑩	NOT USED
⑪	3" AMI ULTRASONIC METER (FURNISHED BY CONTRACTOR/DEVELOPER AS APPROVED BY DISTRICT). ADD PURPLE TAG AND SECURE TO METER.
⑫	NOT USED
⑬	FLANGED COUPLING ADAPTOR, SMITH-BLAIR NO. 913 OR APPROVED EQUAL.
⑭	NOT USED
⑮	NOT USED
⑯	NOT USED
⑰	PIPE SUPPORT PER J.C.S.D. STD. DWG. NO. R/NP-5.
⑱	PRE-CAST CONC. VAULT 5'x6' W/2 PIECE 4'x 6' TORSION HINGED GALV. OR ALUM. COVER (COLOR PURPLE), W/6"x 6" METER READING LID, QUICKSET OR APPROVED. EQUAL. COVER TO BE SPECIFIED FOR TRAFFIC LOADS WHERE REQUIRED. COVERS TO BE EQUIPPED WITH SAFETY CHAINS TO LIMIT COVER TRAVEL TO A MAXIMUM OF 10" BEYOND THE VERTICAL POSITION WHEN FULLY OPENED. NOTE: DEPENDENT UPON SELECTED METER DIMENSIONS VAULT SIZE MAY NEED TO BE INCREASED TO MAINTAIN MINIMUM INTERNAL CLEARANCE DIMENSIONS SHOWN.
⑲	NOT USED
⑳	NOT USED
㉑	6" DIA. SUMP

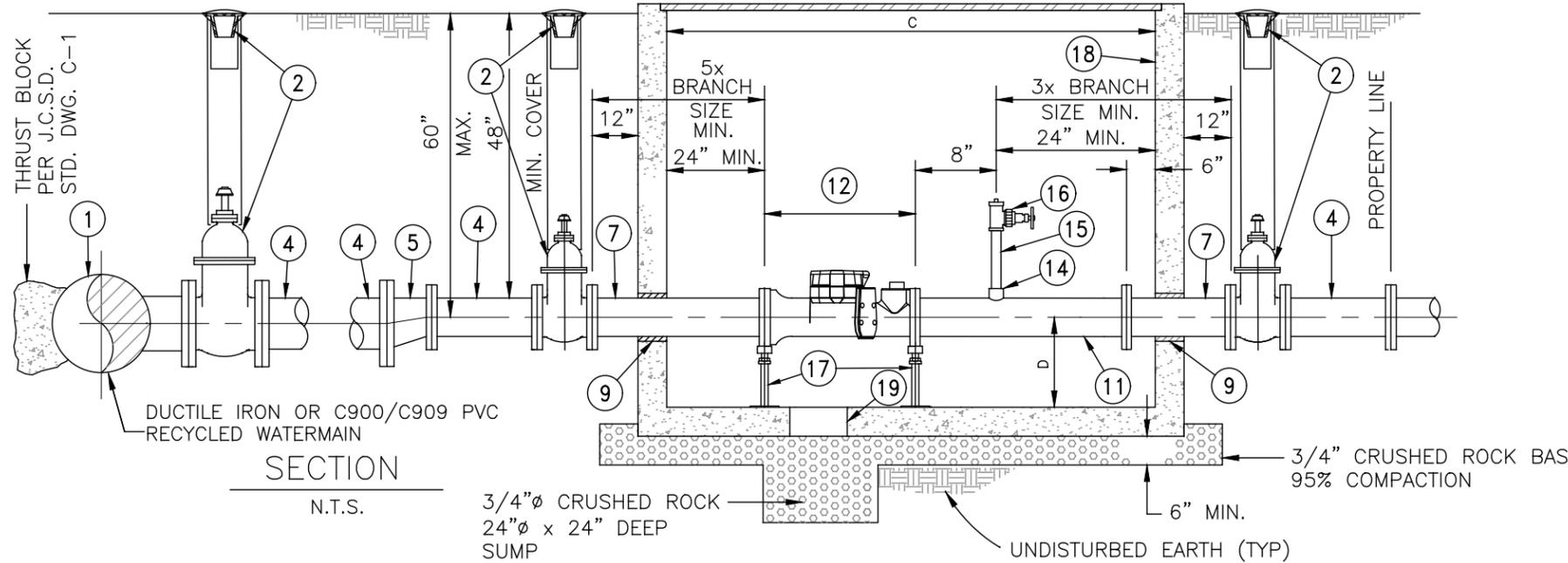
REV.

JURUPA COMMUNITY SERVICES DISTRICT		
SCALE:	3" SERVICE METER (PVC/DIP) FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO.
DATE: APRIL 2024		R/NP-11A
APPROVED BY:	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS	
Sinnaro Yos, P.E. C68607	RIVERSIDE CALIFORNIA	W.O. 2023-3229



PLAN

N.T.S.



SECTION

N.T.S.

NOTES:

1. DIAMETERS FOR PIPELINE & APPURTENANCES SHALL BE EQUAL TO THE METER SIZE.
2. THE WATER SERVICE VAULT SHALL BE LOCATED & INSTALLED SUBJECT TO APPROVAL OF THE DISTRICT. WHERE VAULT IS INSTALLED IN PARKWAY WITH CURB AND SIDEWALK, THE VAULT SHALL BE PLACED PARALLEL TO THE CURB LINE AND PIPING.
3. ADJUST VAULT AND COVER TO MEET SIDEWALK & CURB GRADE.
4. VALVE COVER, POST INDICATOR, AND ALL METAL INSIDE VAULT TO BE PAINTED WITH PRIMER AND TWO (2) COATS OF PURPLE PAINT PER DISTRICT SPECIFICATION NO PRIMER ON BRASS OR BRONZE.
5. ALL FIELD JOINTS SHALL BE FLANGED UNLESS OTHERWISE INDICATED. ALL WELDED JOINTS ON EPOXY LINED STD. WT. PIPE SHALL BE SHOP FABRICATED & ALL EPOXY LINING SHALL BE SHOP APPLIED.
6. PIPE THREADS SHALL BE CLEAN AND SHARP, AND SEALED WITH APPROVED JOINT COMPOUND.
7. SHOULD THE DEPTH OF THE VAULT EXCEED FOUR (4) FEET, AN OSHA APPROVED LADDER ATTACHED TO AN INSIDE WALL SHALL BE PROVIDED. THE LOCATION OF THE LADDER SHALL BE AS DIRECTED BY THE DISTRICT.

ITEM

DESCRIPTION

- ① DUCTILE IRON TEE (MAINLINE SIZE (MJ) X REQUIRED BRANCH SIZE (FL))
- ② 6" DIA. VALVE BOX AND GATE VALVE INSTALLATION PER J.C.S.D. STD. DWG. NO. R/NP-6 (VALVE SIZE TO MATCH PIPE SIZE).
- ③ 150# SLIP ON FLANGE (TYPICAL).
- ④ CML/CMC W.S.P. (10 GA. MIN.) PAINTED WITH PRIMER AND TWO (2) COATS OF PURPLE PAINT COLOR PANTONE 522C PER DISTRICT SPECIFICATIONS.
- ⑤ BRANCH x METER SIZE A.W.W.A. "FLAT TOP" FLANGED REDUCER.
- ⑥ NOT USED
- ⑦ STD. WT. STL. PIPE, CML/CMC.
- ⑧ NOT USED
- ⑨ KNOCKOUTS AS REQUIRED (2" LARGER THAN PIPE SIZE O.D. ALL AROUND) DRY PACK ALL AROUND PIPE.
- ⑩ NOT USED
- ⑪ REMOVE AN ADEQUATE AMOUNT OF CMC TO ALLOW PROPER INSTALLATION OF THE FLANGE COUPLING ADAPTOR. PAINT BARE METAL PER NOTE 4.
- ⑫ AMI ULTRASONIC METER (FURNISHED BY CONTRACTOR/DEVELOPER AS APPROVED BY DISTRICT). ADD PURPLE TAG AND SECURE TO METER.
- ⑬ NOT USED
- ⑭ 2 1/2", 3/16" THICK WALL, COUPLING WELDED TO TOP OF PIPE.
- ⑮ 2 1/2"Ø x 12" LONG STD. BRASS THREADED NIPPLE.
- ⑯ 2 1/2"Ø SCREWED FIRE PROTECTION GATE VALVE, IPT x NST, WITH HOSE CAP & SAFETY CHAIN, ALL BRONZE, NRS, WITH MAL. IRON HAND WHEEL, 175 PSI MWWP; NIBCO MODEL NO. T-103-HC OR APPROVED EQUAL.
- ⑰ PIPE SUPPORT PER J.C.S.D. STD. DWG. NO. R/NP-5.
- ⑱ PRE-CAST CONCRETE VAULT WITH 2 PIECE 6' x 8' TORSION HINGED GALVANIZED OR ALUMINUM COVER. QUICKSET OR APPROVED EQUAL. COVER TO BE SPECIFIED FOR TRAFFIC LOADS WHERE REQUIRED. PROVIDE 6" X 6" METER READING LID IN COVER. NOTE: DEPENDENT UPON SELECTED METER DIMENSIONS VAULT SIZE MAY NEED TO BE INCREASED TO MAINTAIN MINIMUM INTERNAL CLEARANCE DIMENSIONS SHOWN.
- ⑲ 12" DIA. SUMP

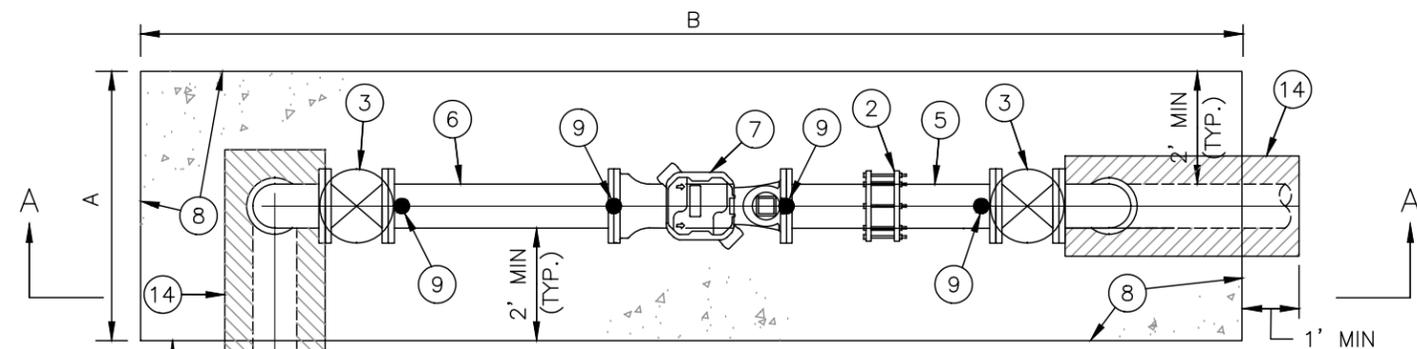
INFORMATIONAL CHART

METER SIZE	BRANCH SIZE	DIMENSIONS				MAXIMUM FLOW (GPM)
		A	B	C	D	
3"	4"	3'-0"	6'-0"	6'-0"	1'-6"	500
4"	6"	3'-0"	6'-0"	6'-0"	1'-8"	1000
6"	8"	3'-0"	6'-0"	6'-0"	2'-0"	2000
8"	10"	3'-0"	6'-0"	8'-0"	2'-0"	3500

JURUPA COMMUNITY SERVICES DISTRICT

SCALE:	3", 4", 6", & 8" SERVICE METER (PVC/DIP) FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO.
DATE: APRIL 2024		R/NP-12
APPROVED BY:	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS	
Sinnaro Yos, P.E. C68607	RIVERSIDE CALIFORNIA	W.O. 2023-3229

REV.

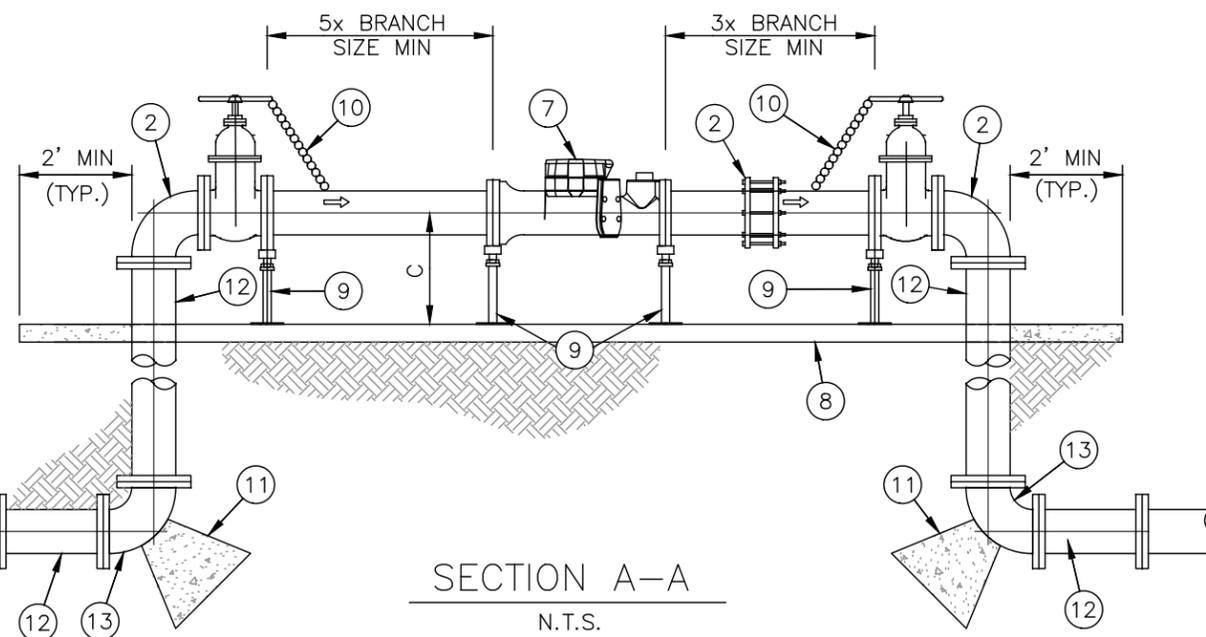


PLAN

N.T.S.

DIRECTION OF FLOW →

BRANCH LINE



SECTION A-A

N.T.S.

BRANCH LINE

ITEM	DESCRIPTION
①	FLANGED STD. WT. TEE (FUSION BONDED EPOXY LINED, OUTSIDE PAINTED PURPLE).
②	FLANGE COUPLING ADAPTER
③	FL X FL RESILIENT WEDGE GATE VALVE, PAINTED PURPLE.
④	FLANGE COUPLING ADAPTER.
⑤	FLANGE X PLAIN END STD. WT. STL SPOOL (LENGTH AS REQUIRED) FUSION BONDED EPOXY LINED, OUTSIDE PAINTED PURPLE.
⑥	FLANGED STD WT. SPOOL (LENGTH AS REQUIRED) FUSION BONDED EPOXY LINED, OUTSIDE PAINTED PURPLE.
⑦	AMI ULTRASONIC METER (FURNISHED BY CONTRACTOR/DEVELOPER AS APPROVED BY DISTRICT). ADD PURPLE TAG AND SECURE TO METER.
⑧	6" MIN. THICK CONCRETE PAD W/ 6"X6"X 10 GA. W.W.M.
⑨	PIPE SUPPORT PER J.C.S.D. STD. DWG. NO. R/NP-5.
⑩	1 3/8" ZINC PLATED CHAIN (LENGTH AS REQUIRED - TO SECURE VALVE).
⑪	THRUST BLOCK PER J.C.S.D. STD. DWG. NO. C-2.
⑫	CML/CMC STD. WT. WSP BELOW GRADE (FUSION BONDED EPOXY LINED, OUTSIDE PAINTED PURPLE ABOVE GRADE), PAINTED WITH PRIMER AND TWO (2) COATS OF PURPLE PAINT COLOR PANTONE 522C PER DISTRICT SPECIFICATIONS.
⑬	90° CML/CMC STD. WT. ELBOW (FL X FL).
⑭	BACKFILL TRENCH W/2 SACK CEMENT SLURRY

I N F O R M A T I O N A L C H A R T					
METER SIZE	BRANCH SIZE	DIMENSIONS			MAXIMUM FLOW (GPM)
		A	B	C	
3"	4"	5'-0"	10'-0"	1'-6"	500
4"	6"	5'-0"	10'-0"	1'-8"	1000
6"	8"	6'-0"	13'-0"	2'-0"	2000
8"	10"	6'-0"	15'-0"	2'-0"	3500

NOTES:

- DIAMETERS FOR PIPELINE & APPURTENANCES (EXCEPT BRANCH LINE) SHALL BE EQUAL TO THE METER SIZE.
- METER SHALL BE INSTALLED IN THE HORIZONTAL PLANE.
- ALL FIELD JOINTS SHALL BE FLANGED UNLESS OTHERWISE INDICATED. ALL WELDED JOINTS ON EPOXY LINED STD. WT. PIPE SHALL BE SHOP FABRICATED & ALL EPOXY LINING SHALL BE SHOP APPLIED.
- PIPE THREADS SHALL BE CLEAN AND SHARP, AND SEALED WITH APPROVED JOINT COMPOUND.
- PAINT SHALL BE SAFETY PURPLE.

JURUPA COMMUNITY SERVICES DISTRICT

SCALE:	3", 4", 6", & 8" ABOVE GRADE SERVICE METER FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO.
DATE: APRIL 2024		R/NP-12A
APPROVED BY:	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS	W.O. 2023-3229
Sinnaro Yos, P.E. C68607	RIVERSIDE CALIFORNIA	

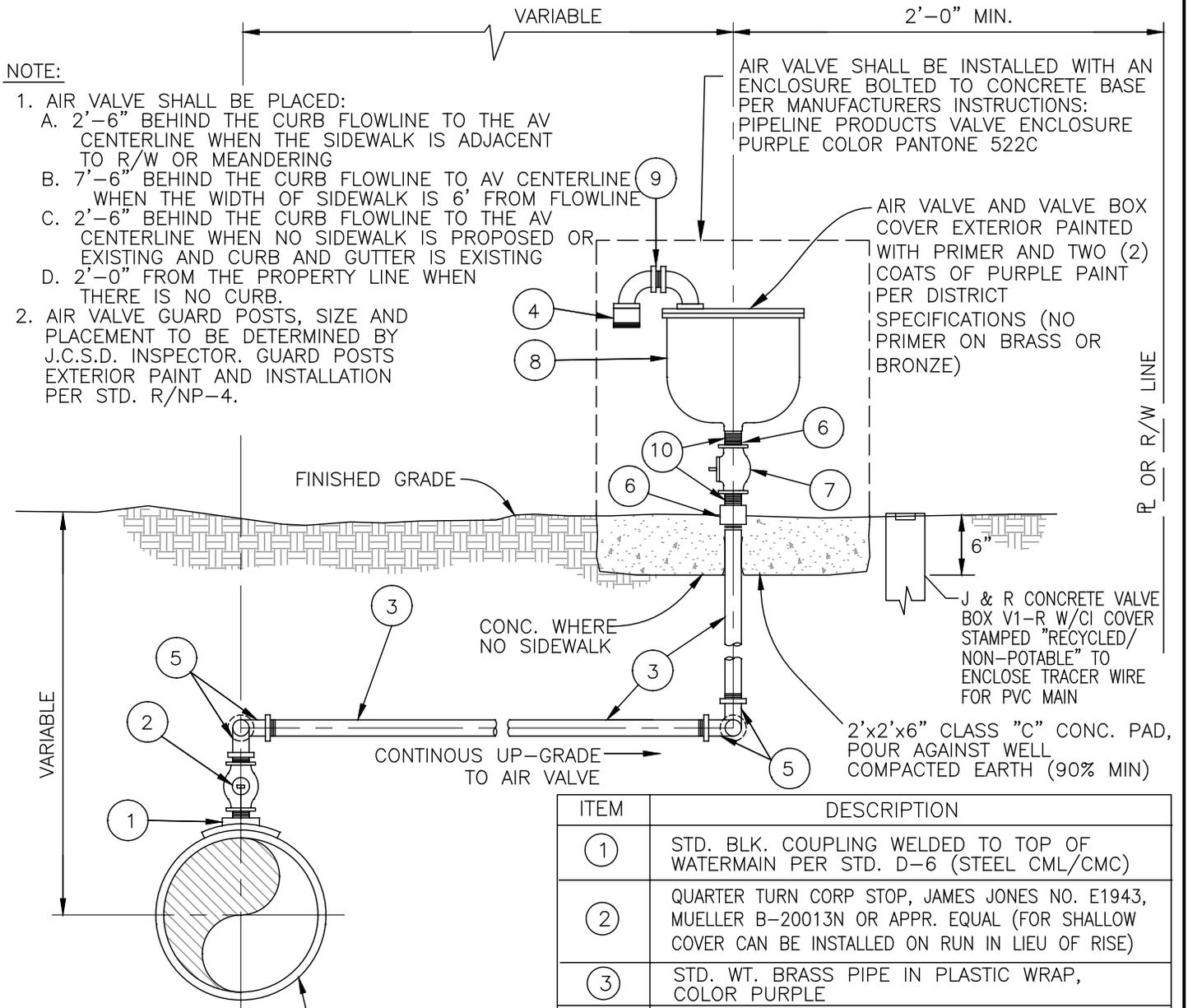
REV.

NOTE:

1. AIR VALVE SHALL BE PLACED:
 - A. 2'-6" BEHIND THE CURB FLOWLINE TO THE AV CENTERLINE WHEN THE SIDEWALK IS ADJACENT TO R/W OR MEANDERING
 - B. 7'-6" BEHIND THE CURB FLOWLINE TO AV CENTERLINE WHEN THE WIDTH OF SIDEWALK IS 6' FROM FLOWLINE
 - C. 2'-6" BEHIND THE CURB FLOWLINE TO THE AV CENTERLINE WHEN NO SIDEWALK IS PROPOSED EXISTING AND CURB AND GUTTER IS EXISTING
 - D. 2'-0" FROM THE PROPERTY LINE WHEN THERE IS NO CURB.
2. AIR VALVE GUARD POSTS, SIZE AND PLACEMENT TO BE DETERMINED BY J.C.S.D. INSPECTOR. GUARD POSTS EXTERIOR PAINT AND INSTALLATION PER STD. R/NP-4.

AIR VALVE SHALL BE INSTALLED WITH AN ENCLOSURE BOLTED TO CONCRETE BASE PER MANUFACTURERS INSTRUCTIONS: PIPELINE PRODUCTS VALVE ENCLOSURE PURPLE COLOR PANTONE 522C

AIR VALVE AND VALVE BOX COVER EXTERIOR PAINTED WITH PRIMER AND TWO (2) COATS OF PURPLE PAINT PER DISTRICT SPECIFICATIONS (NO PRIMER ON BRASS OR BRONZE)



STEEL CML/CMC RECYCLED WATERMAINS, FOR C909 PVC OR DIP RECYCLED WATERMAINS USE BRONZE SERVICE SADDLE WITH DOUBLE STAINLESS STEEL STRAPS PER SPECIFICATIONS

NOTE:

- ALL PIPE, FITTINGS, AND VALVES SHALL BE SAME DIA. AS AIR VALVE INLET.
- PIPE THREADS SHALL BE CLEAN AND SHARP AND SEALED WITH AN APPROVED JOINT COMPOUND.
- A.R.I. OR APPROVED EQUAL.
- MINIMUM AIR VALVE ENCLOSURE SIZE FOR A.R.I. VALVES SHALL BE 18"x30".

ITEM	DESCRIPTION
①	STD. BLK. COUPLING WELDED TO TOP OF WATERMAIN PER STD. D-6 (STEEL CML/CMC)
②	QUARTER TURN CORP STOP, JAMES JONES NO. E1943, MUELLER B-20013N OR APPR. EQUAL (FOR SHALLOW COVER CAN BE INSTALLED ON RUN IN LIEU OF RISE)
③	STD. WT. BRASS PIPE IN PLASTIC WRAP, COLOR PURPLE
④	NORTHTOWN 10 MESH BUG SCREEN OR APPROVED EQUAL
⑤	TWO (2) STD. WT. BRASS 90° ELBOWS IN PLASTIC WRAP CONNECTED END-TO-END TO FORM A SWIVEL JOINT
⑥	EXTRA HEAVY BRASS COUPLING (4" LONG) AT SURFACE AND PARTIALLY RECESSED IN CONCRETE
⑦	QUARTER TURN BRASS BALL VALVE AS APPROVED BY DISTRICT, PAINTED PURPLE
⑧	AIR RELEASE VALVE AS APPROVED BY DISTRICT PAINTED PURPLE
⑨	STD. BLK. 90° ST. ELBOW, 3" LONG STD. BLK. NIPPLE THREADED TWO ENDS, STD. BLK. 90° ELBOW, & 3" LONG STD. BLK. NIPPLE THREADED ONE END, ORIENTED TO CLEAR AIR VALVE BODY
⑩	EXTRA HEAVY BRASS PIPE NIPPLE THREADED BOTH ENDS 3"

JURUPA COMMUNITY SERVICES DISTRICT

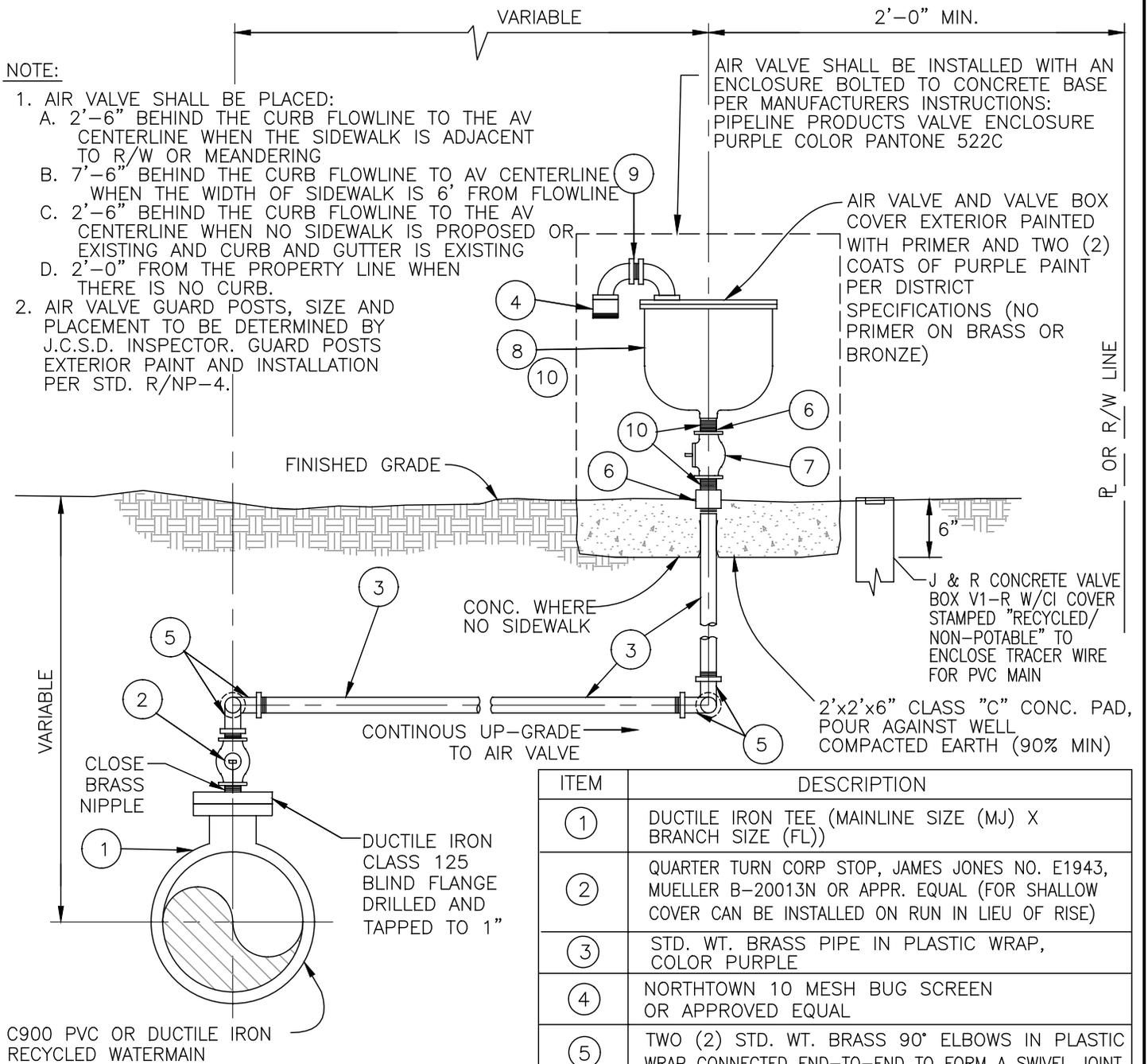
SCALE: NONE	AIR VALVE INSTALLATION 1" DIA. FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO.
DATE: APRIL 2024		R/NP-13
APPROVED BY: Sinnaro Yos, P.E. C68607	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS RIVERSIDE CALIFORNIA	W.O. 2023-3229

NOTE:

1. AIR VALVE SHALL BE PLACED:
 - A. 2'-6" BEHIND THE CURB FLOWLINE TO THE AV CENTERLINE WHEN THE SIDEWALK IS ADJACENT TO R/W OR MEANDERING
 - B. 7'-6" BEHIND THE CURB FLOWLINE TO AV CENTERLINE WHEN THE WIDTH OF SIDEWALK IS 6' FROM FLOWLINE
 - C. 2'-6" BEHIND THE CURB FLOWLINE TO THE AV CENTERLINE WHEN NO SIDEWALK IS PROPOSED EXISTING AND CURB AND GUTTER IS EXISTING
 - D. 2'-0" FROM THE PROPERTY LINE WHEN THERE IS NO CURB.
2. AIR VALVE GUARD POSTS, SIZE AND PLACEMENT TO BE DETERMINED BY J.C.S.D. INSPECTOR. GUARD POSTS EXTERIOR PAINT AND INSTALLATION PER STD. R/NP-4.

AIR VALVE SHALL BE INSTALLED WITH AN ENCLOSURE BOLTED TO CONCRETE BASE PER MANUFACTURERS INSTRUCTIONS: PIPELINE PRODUCTS VALVE ENCLOSURE PURPLE COLOR PANTONE 522C

AIR VALVE AND VALVE BOX COVER EXTERIOR PAINTED WITH PRIMER AND TWO (2) COATS OF PURPLE PAINT PER DISTRICT SPECIFICATIONS (NO PRIMER ON BRASS OR BRONZE)



NOTE:

- ALL PIPE, FITTINGS, AND VALVES SHALL BE SAME DIA. AS AIR VALVE INLET.
- PIPE THREADS SHALL BE CLEAN AND SHARP AND SEALED WITH AN APPROVED JOINT COMPOUND.
- A.R.I. OR APPROVED EQUAL.
- MINIMUM AIR VALVE ENCLOSURE SIZE FOR A.R.I. VALVES SHALL BE 18"X30".

ITEM	DESCRIPTION
①	DUCTILE IRON TEE (MAINLINE SIZE (MJ) X BRANCH SIZE (FL))
②	QUARTER TURN CORP STOP, JAMES JONES NO. E1943, MUELLER B-20013N OR APPR. EQUAL (FOR SHALLOW COVER CAN BE INSTALLED ON RUN IN LIEU OF RISE)
③	STD. WT. BRASS PIPE IN PLASTIC WRAP, COLOR PURPLE
④	NORTHTOWN 10 MESH BUG SCREEN OR APPROVED EQUAL
⑤	TWO (2) STD. WT. BRASS 90° ELBOWS IN PLASTIC WRAP CONNECTED END-TO-END TO FORM A SWIVEL JOINT
⑥	EXTRA HEAVY BRASS COUPLING (4" LONG) AT SURFACE AND PARTIALLY RECESSED IN CONCRETE
⑦	QUARTER TURN BRASS BALL VALVE AS APPROVED BY DISTRICT, PAINTED PURPLE
⑧	AIR RELEASE VALVE AS APPROVED BY DISTRICT PAINTED PURPLE
⑨	STD. BLK. 90° ST. ELBOW, 3" LONG STD. BLK. NIPPLE THREADED TWO ENDS, STD. BLK. 90° ELBOW, & 3" LONG STD. BLK. NIPPLE THREADED ONE END, ORIENTED TO CLEAR AIR VALVE BODY
⑩	EXTRA HEAVY BRASS PIPE NIPPLE THREADED BOTH ENDS 3"

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE	AIR VALVE INSTALLATION 1" DIA. FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO. R/NP-13A
DATE: APRIL 2024	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS	W.O. 2023-3229
APPROVED BY: Sinnaro Yos, P.E. C68607	RIVERSIDE CALIFORNIA	

NOTE:

1. AIR VALVE SHALL BE PLACED:
 - A. 2'-6" BEHIND THE CURB FLOWLINE TO THE AV CENTERLINE WHEN THE SIDEWALK IS ADJACENT TO R/W OR MEANDERING
 - B. 7'-6" BEHIND THE CURB FLOWLINE TO AV CENTERLINE WHEN THE WIDTH OF SIDEWALK IS 6' FROM FLOWLINE
 - C. 2'-6" BEHIND THE CURB FLOWLINE TO THE AV CENTERLINE WHEN NO SIDEWALK IS PROPOSED EXISTING AND CURB AND GUTTER IS EXISTING
 - D. 2'-0" FROM THE PROPERTY LINE WHEN THERE IS NO CURB.
2. AIR VALVE GUARD POSTS, SIZE AND PLACEMENT TO BE DETERMINED BY J.C.S.D. INSPECTOR. GUARD POSTS EXTERIOR PAINT AND INSTALLATION PER STD. R/NP-4.

AIR VALVE SHALL BE INSTALLED WITH AN ENCLOSURE BOLTED TO CONCRETE BASE PER MANUFACTURERS INSTRUCTIONS: PIPELINE PRODUCTS VALVE ENCLOSURE PURPLE COLOR PANTONE 522C

AIR VALVE AND VALVE BOX COVER EXTERIOR PAINTED WITH PRIMER AND TWO (2) COATS OF PURPLE PAINT PER DISTRICT SPECIFICATIONS (NO PRIMER ON BRASS OR BRONZE)

POUR CONC. ONLY WHEN CAN IS LOCATED OFF PAVEMENT

FINISHED GROUND SURFACE

CONC. WHERE NO SIDEWALK

J & R CONCRETE VALVE BOX V1-R W/CI COVER STAMPED "RECYCLED/NON-POTABLE" TO ENCLOSE TRACER WIRE FOR PVC MAIN

2'x2'x6" THICK CLASS "C" CONC. PAD, POUR AGAINST WELL COMPACTED EARTH (90% MIN)

CONTINUOUS UP-GRADE TO AIR VALVE

VARIABLE

R OR R/W LINE

STEEL CML/CMC RECYCLED WATERMAINS, FOR C909 PVC OR DIP RECYCLED WATERMAINS USE BRONZE SERVICE SADDLE WITH DOUBLE STAINLESS STEEL STRAPS PER SPECIFICATIONS

NOTE:

ALL PIPE, FITTINGS, AND VALVES SHALL BE SAME DIA. AS AIR VALVE INLET.

PIPE THREADS SHALL BE CLEAN AND SHARP AND SEALED WITH AN APPROVED JOINT COMPOUND.

A.R.I. OR APPROVED EQUAL.

MINIMUM AIR VALVE ENCLOSURE SIZE FOR A.R.I. VALVES SHALL BE 18"X30".

ITEM	DESCRIPTION
①	STD. BLK. COUPLING WELDED TO TOP OF WATERMAIN PER STD. D-6 (STEEL CML/CMC)
②	2" DIA. QUARTER TURN BALL VALVE W/ 2" SQUARE OPERATING NUT, 6" DIA. VALVE CAN PER STD. DWG. R/NP-6
③	STD. WT. BRASS PIPE IN SLEEVE, PAINTED PURPLE
④	NORTHTOWN 10 MESH BUG SCREEN OR APPROVED EQUAL
⑤	TWO (2) STD. WT. BRASS 90° ELBOWS IN PLASTIC WRAP CONNECTED END-TO-END TO FORM A SWIVEL JOINT
⑥	EXTRA HEAVY BRASS COUPLING (4" LONG) AT SURFACE AND PARTIALLY RECESSED IN CONCRETE
⑦	QUARTER TURN BRASS BALL VALVE AS APPROVED BY DISTRICT, PAINTED PURPLE
⑧	AIR RELEASE VALVE AS APPROVED BY DISTRICT PAINTED PURPLE
⑨	STD. BLK. 90° ST. ELBOW, 3" LONG STD. BLK. NIPPLE THREADED TWO ENDS, STD. BLK. 90° ELBOW, & 3" LONG STD. BLK. NIPPLE THREADED ONE END, ORIENTED TO CLEAR AIR VALVE BODY
⑩	EXTRA HEAVY BRASS PIPE NIPPLE THREADED BOTH ENDS 3"

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE

2" DIA. AIR VALVE INSTALLATION W/ BALL VALVE FOR RECYCLED/NON-POTABLE WATER LINE

DRAWING NO.

DATE: APRIL 2024

R/NP-14

APPROVED BY:

ALBERT A. WEBB ASSOCIATES
CONSULTING ENGINEERS

REV.

Sinnaro Yos, P.E. C68607

RIVERSIDE

CALIFORNIA

W.O. 2023-3229

NOTE:

1. AIR VALVE SHALL BE PLACED:
 - A. 2'-6" BEHIND THE CURB FLOWLINE TO THE AV CENTERLINE WHEN THE SIDEWALK IS ADJACENT TO R/W OR MEANDERING
 - B. 7'-6" BEHIND THE CURB FLOWLINE TO AV CENTERLINE WHEN THE WIDTH OF SIDEWALK IS 6' FROM FLOWLINE
 - C. 2'-6" BEHIND THE CURB FLOWLINE TO THE AV CENTERLINE WHEN NO SIDEWALK IS PROPOSED EXISTING AND CURB AND GUTTER IS EXISTING
 - D. 2'-0" FROM THE PROPERTY LINE WHEN THERE IS NO CURB.
2. AIR VALVE GUARD POSTS, SIZE AND PLACEMENT TO BE DETERMINED BY J.C.S.D. INSPECTOR. GUARD POSTS EXTERIOR PAINT AND INSTALLATION PER STD. R/NP-4.

AIR VALVE SHALL BE INSTALLED WITH AN ENCLOSURE BOLTED TO CONCRETE BASE PER MANUFACTURERS INSTRUCTIONS: PIPELINE PRODUCTS VALVE ENCLOSURE PURPLE COLOR PANTONE 522C

AIR VALVE AND VALVE BOX COVER EXTERIOR PAINTED WITH PRIMER AND TWO (2) COATS OF PURPLE PAINT PER DISTRICT SPECIFICATIONS (NO PRIMER ON BRASS OR BRONZE)

POUR CONC. ONLY WHEN CAN IS LOCATED OFF PAVEMENT

FINISHED GROUND SURFACE

CONC. WHERE NO SIDEWALK

J & R CONCRETE VALVE BOX V1-R W/CI COVER STAMPED "RECYCLED/NON-POTABLE" TO ENCLOSE TRACER WIRE FOR PVC MAIN

2'x2'x6" THICK CLASS "C" CONC. PAD, POUR AGAINST WELL COMPACTED EARTH (90% MIN)

VARIABLE

CLOSE BRASS NIPPLE

CONTINUOUS UP-GRADE TO AIR VALVE

DUCTILE IRON CLASS 125 BLIND FLANGE DRILLED AND TAPPED TO 2"

C900 PVC RECYCLED WATERMAIN

NOTE:

ALL PIPE, FITTINGS, AND VALVES SHALL BE SAME DIA. AS AIR VALVE INLET.

PIPE THREADS SHALL BE CLEAN AND SHARP AND SEALED WITH AN APPROVED JOINT COMPOUND.

A.R.I. OR APPROVED EQUAL.

MINIMUM AIR VALVE ENCLOSURE SIZE FOR A.R.I. VALVES SHALL BE 18"x30".

ITEM	DESCRIPTION
①	DUCTILE IRON TEE (MAINLINE SIZE (MJ) X BRANCH SIZE (FL))
②	2" DIA. QUARTER TURN BALL VALVE W/ 2" SQUARE OPERATING NUT, 6" DIA. VALVE CAN PER STD. DWG. R/NP-6
③	STD. WT. BRASS PIPE IN SLEEVE, PAINTED PURPLE
④	NORTHTOWN 10 MESH BUG SCREEN OR APPROVED EQUAL
⑤	TWO (2) STD. WT. BRASS 90° ELBOWS IN PLASTIC WRAP CONNECTED END-TO-END TO FORM A SWIVEL JOINT
⑥	EXTRA HEAVY BRASS COUPLING (4" LONG) AT SURFACE AND PARTIALLY RECESSED IN CONCRETE
⑦	QUARTER TURN BRASS BALL VALVE AS APPROVED BY DISTRICT, PAINTED PURPLE
⑧	AIR RELEASE VALVE AS APPROVED BY DISTRICT PAINTED PURPLE
⑨	STD. BLK. 90° ST. ELBOW, 3" LONG STD. BLK. NIPPLE THREADED TWO ENDS, STD. BLK. 90° ELBOW & 3" LONG STD. BLK. NIPPLE THREADED ONE END, ORIENTED TO CLEAR AIR VALVE BODY
⑩	EXTRA HEAVY BRASS PIPE NIPPLE THREADED BOTH ENDS 3"

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE	2" DIA. AIR VALVE INSTALLATION W/ BALL VALVE FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO.
DATE: APRIL 2024		R/NP-14A
APPROVED BY:	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS	
Sinnaro Yos, P.E. C68607	RIVERSIDE CALIFORNIA	W.O. 2023-3229

REV.

R OR R/W LINE

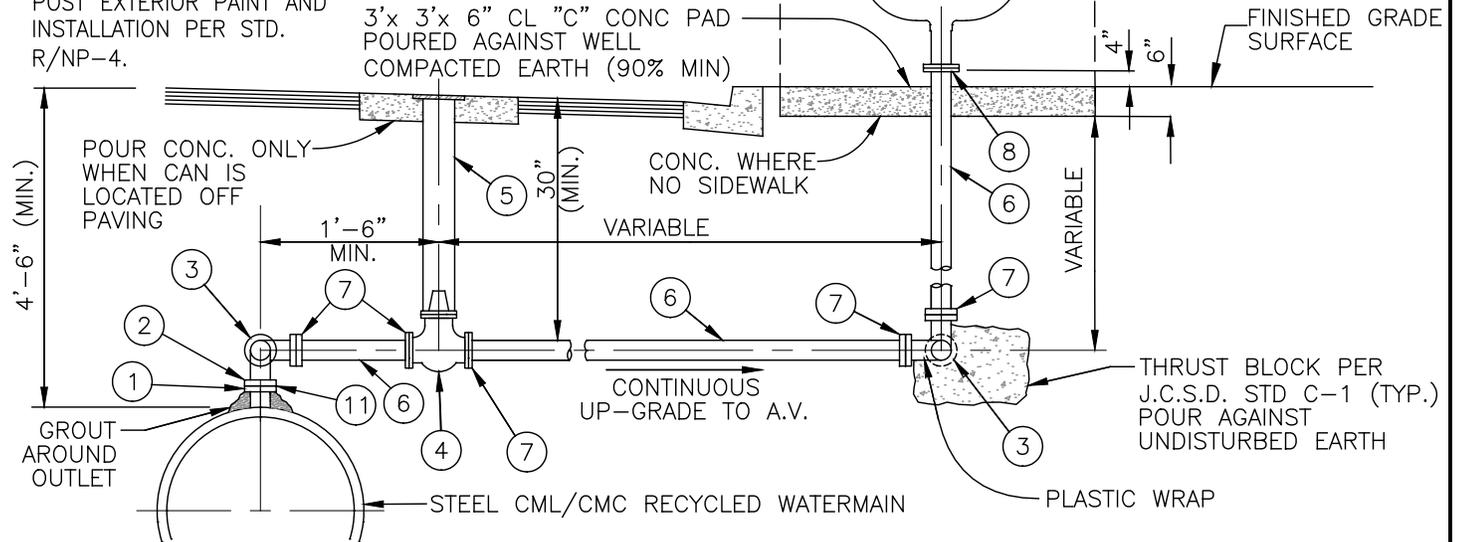
NOTE:

1. AIR VALVE SHALL BE PLACED:
 - A. 2'-6" BEHIND THE CURB FLOWLINE TO THE AV CENTERLINE WHEN THE SIDEWALK IS ADJACENT TO R/W OR MEANDERING
 - B. 7'-6" BEHIND THE CURB FLOWLINE TO AV CENTERLINE WHEN THE WIDTH OF SIDEWALK IS 6' FROM FLOWLINE
 - C. 2'-6" BEHIND THE CURB FLOWLINE TO THE AV CENTERLINE WHEN NO SIDEWALK IS PROPOSED OR EXISTING AND CURB AND GUTTER IS EXISTING
 - D. 2'-0" FROM THE PROPERTY LINE WHEN THERE IS NO CURB.
2. (3) AIR VALVE GUARD POSTS SIZE AND PLACEMENT TO BE DETERMINED BY J.C.S.D. INSPECTOR. GUARD POST EXTERIOR PAINT AND INSTALLATION PER STD. R/NP-4.

NORTHTOWN 10 MESH BUG SCREEN OR APPROVED EQUAL

AIR VALVE SHALL BE INSTALLED WITH AN ENCLOSURE BOLTED TO CONCRETE BASE PER MANUFACTURERS INSTRUCTIONS: PIPELINE PRODUCTS VALVE ENCLOSURE PURPLE COLOR PANTONE 522C (24"X36" ENCLOSURE)

AIR VALVE & VALVE BOX COVER EXTERIOR PAINTED WITH PRIMER AND TWO (2) COATS OF PURPLE PAINT PER DISTRICT SPECIFICATIONS (NO PRIMER ON BRASS OR BRONZE)



ITEM	DESCRIPTION
①	4" DIA. STANDARD WEIGHT MIN. OUTLET WELDED TO PIPE PER STD. C-6 WITH A.S.A. 150 LB. SLIP-ON FLANGE (WELDED FLANGE ON-SITE TO VALVE)
②	4" DIA. A.S.A. 150 LB WELD NECK FLANGE, PAINTED PURPLE.
③	4" DIA. 90° FLGD. BEND, STD. WT. CML/CMC DOUBLE 90° JOINT
④	4" DIA. A.W.W.A. C-509 FLANGED RESILIENT SEAT GATE VALVE, 200 W.O.G. I.B.B.M., N.R.S., "O" RING SEAL, 2" SQ. OPERATING NUT, PER DISTRICT STD. DWG. NO. R/NP-6.
⑤	STANDARD VALVE BOX INSTALLATION PER STD. NO. R/NP-6.
⑥	4" DIA. STEEL PIPE, STANDARD WEIGHT CML/CMC. OUTSIDE PAINTED PURPLE.
⑦	4" DIA. 150 LB. SLIP-ON FLANGE (SHIP LOOSE FOR FIELD WELDING), PAINTED PURPLE.
⑧	4" DIA. 150 LB. SLIP-ON FLANGE (SHIP LOOSE FOR FIELD WELDING), FOR 3" AIR VALVE PROVIDE FLANGED 3"X4" REDUCER. USE BREAK-AWAY BOLTS FACING DOWN TO BOLT-ON AIR VAC TO RISER FLANGE.
⑨	AIR RELEASE VALVE AS APPROVED BY DISTRICT (3" OR 4"), PAINTED PURPLE.
⑩	STANDARD WEIGHT BLACK 90° STREET ELBOW (3" OR 4"), PAINTED PURPLE.
⑪	A.S.A. 150 FLANGE INSULATING KIT INCLUDE INSULATING GASKET, SLEEVES AND WASHER AS PER SPECS, P.S.I. PRODUCTS INC. TYPE E G.O.S., ONE PIECE S.W. OR APPROVED EQUAL (4" DIA.).

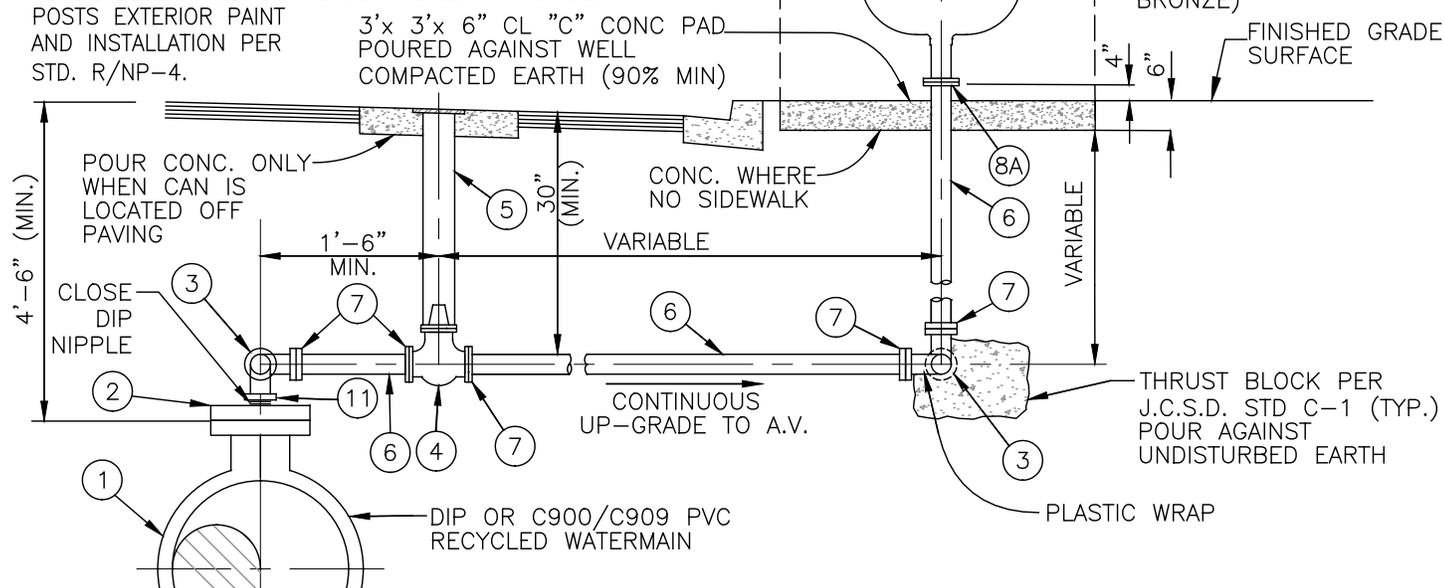
JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE	3" AND 4" AIR VALVE INSTALLATIONS FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO.
DATE: APRIL 2024		R/NP-15
APPROVED BY: Sinnaro Yos, P.E. C68607	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS RIVERSIDE CALIFORNIA	W.O. 2023-3229

NOTE:

1. AIR VALVE SHALL BE PLACED:
 - A. 2'-6" BEHIND THE CURB FLOWLINE TO THE AV CENTERLINE WHEN THE SIDEWALK IS ADJACENT TO R/W OR MEANDERING
 - B. 7'-6" BEHIND THE CURB FLOWLINE TO AV CENTERLINE WHEN THE WIDTH OF SIDEWALK IS 6' FROM FLOWLINE
 - C. 2'-6" BEHIND THE CURB FLOWLINE TO THE AV CENTERLINE WHEN NO SIDEWALK IS PROPOSED OR EXISTING AND CURB AND GUTTER IS EXISTING
 - D. 2'-0" FROM THE PROPERTY LINE WHEN THERE IS NO CURB.
2. (3) AIR VALVE GUARD POSTS SIZE AND PLACEMENT TO BE DETERMINED BY J.C.S.D. INSPECTOR. GUARD POSTS EXTERIOR PAINT AND INSTALLATION PER STD. R/NP-4.

NORTHTOWN 10 MESH BUG SCREEN OR APPROVED EQUAL
 AIR VALVE SHALL BE INSTALLED WITH AN ENCLOSURE BOLTED TO CONCRETE BASE PER MANUFACTURERS INSTRUCTIONS: PIPELINE PRODUCTS VALVE ENCLOSURE PURPLE COLOR PANTONE 522C (24"X36" ENCLOSURE)



ITEM	DESCRIPTION
①	DUCTILE IRON TEE (MAINLINE SIZE (MJ) X BRANCH SIZE (FL))
②	DUCTILE IRON BLIND FLANGE, CLASS 125, DRILLED AND TAPPED 4" I.P.T.
③	4" DIA. 90° FLGD. BEND, DUCTILE IRON PIPE, DOUBLE 90° JOINT
④	4" DIA. A.W.W.A. C-509 FLANGED RESILIENT SEAT GATE VALVE, 200 W.O.G. I.B.B.M., N.R.S., "O" RING SEAL, 2" SQ. OPERATING NUT, PER DISTRICT STD. DWG. NO. R/NP-6.
⑤	STANDARD VALVE BOX INSTALLATION PER STD. NO. R/NP-6.
⑥	4" DIA. DUCTILE IRON PIPE OUTSIDE PAINTED PURPLE.
⑦	4" DIA. DIP CLASS 125 FLANGES (PROVIDE FLxFL 3" TO 4" REDUCER FOR 3" AIR VALVE), PAINTED PURPLE.
⑧	4" DIA. DIP RESTRAINED FLANGE ADAPTER (PROVIDE 3" DIA. AS NEEDED).
⑧A	4" DIA. DIP RESTRAINED FLANGE ADAPTER, FOR 3" AIR VALVE PROVIDE FLANGED 3"x4" REDUCER. USE BREAK-AWAY BOLTS FACING DOWN TO BOLT-ON AIR VAC TO RISER FLANGE.
⑨	AIR RELEASE VALVE AS APPROVED BY DISTRICT (3" OR 4"), PAINTED PURPLE.
⑩	STANDARD WEIGHT BLACK 90° STREET ELBOW (3" OR 4"), PAINTED PURPLE.
⑪	A.S.A. 150 FLANGE INSULATING KIT INCLUDE INSULATING GASKET, SLEEVES AND WASHER AS PER SPECS, P.S.I. PRODUCTS INC. TYPE E G.O.S., ONE PIECE S.W. OR APPROVED EQUAL (4" DIA.).

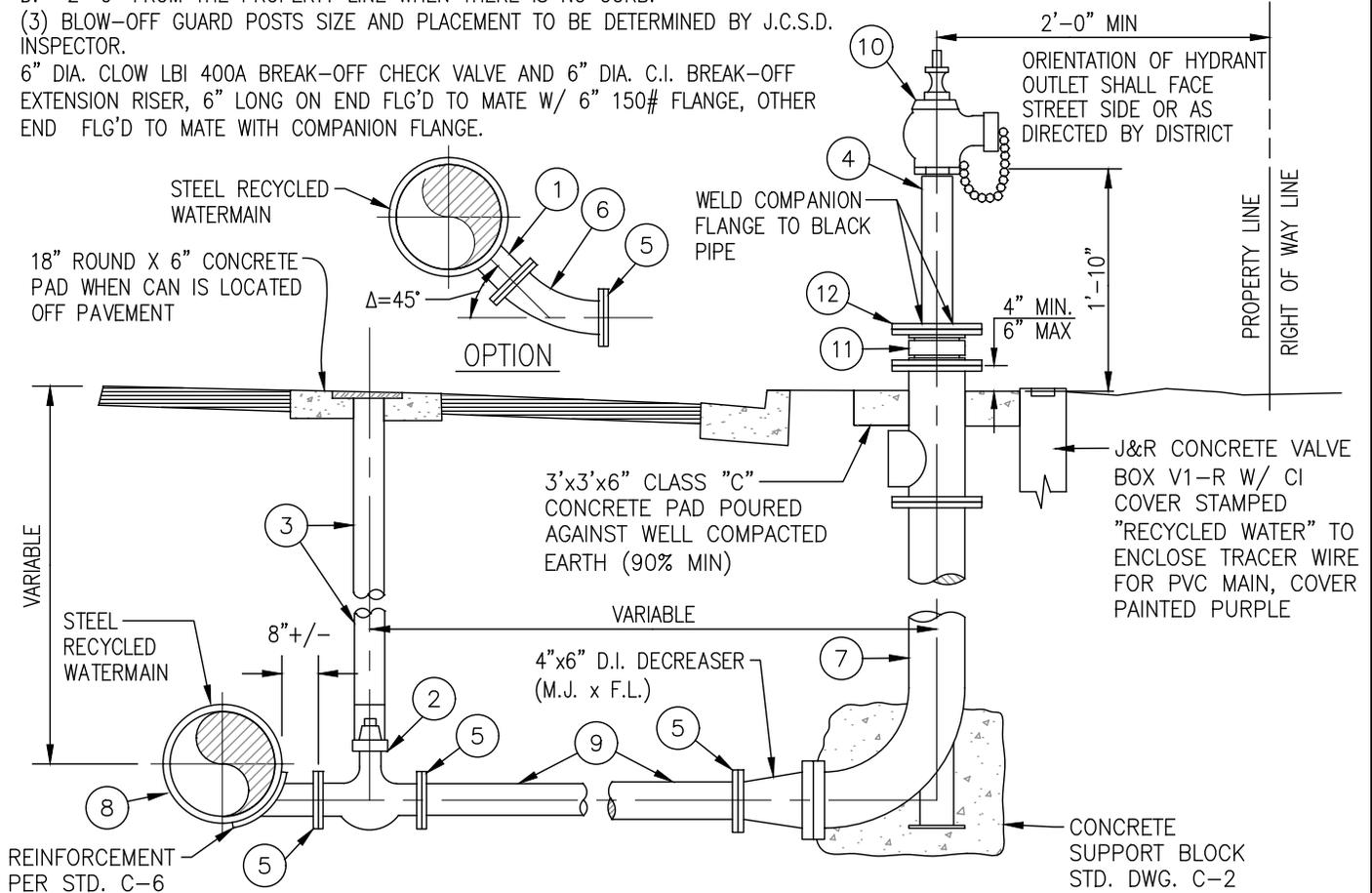
JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE	3" AND 4" AIR VALVE INSTALLATIONS FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO.
DATE: APRIL 2024	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS	R/NP-15A
APPROVED BY: Sinnaro Yos, P.E. C68607	RIVERSIDE CALIFORNIA	W.O. 2023-3229

NOTE:

1. BLOW-OFF SHALL BE PLACED:
 - A. 2'-6" BEHIND THE CURB FLOWLINE TO THE BO CENTERLINE WHEN THE SIDEWALK IS ADJACENT TO R/W OR MEANDERING.
 - B. 7'-6" BEHIND THE CURB FLOWLINE TO BO CENTERLINE WHEN THE WIDTH OF SIDEWALK IS 6' FROM FLOWLINE.
 - C. 2'-6" BEHIND THE CURB FLOWLINE TO THE BO CENTERLINE WHEN NO SIDEWALK IS PROPOSED OR EXISTING AND CURB AND GUTTER IS EXISTING.
 - D. 2'-0" FROM THE PROPERTY LINE WHEN THERE IS NO CURB.
2. (3) BLOW-OFF GUARD POSTS SIZE AND PLACEMENT TO BE DETERMINED BY J.C.S.D. INSPECTOR.
3. 6" DIA. CLOW LBI 400A BREAK-OFF CHECK VALVE AND 6" DIA. C.I. BREAK-OFF EXTENSION RISER, 6" LONG ON END FLG'D TO MATE W/ 6" 150# FLANGE, OTHER END FLG'D TO MATE WITH COMPANION FLANGE.

EXTERIOR PAINTED W/PRIMER AND TWO (2) COATS OF PURPLE PAINT COLOR PANTONE 522C PER DISTRICT SPECIFICATIONS (NO PRIMER ON BRASS OR BRONZE)



ITEM	DESCRIPTION
(1)	4-1/2" O.D. X 10 GA. CML/CMC PER D-6.
(2)	4" DIA. A.W.W.A. C-509 (LATEST) FLG'D. RESILIENT SEAT GATE VALVE, 200WOG, I.B.B.M., N.R.S., "O" RING SEAL, 2" SQ. OPERATING NUT, PER DISTRICT STD. DWG. R/NP-6.
(3)	STANDARD VALVE BOX INSTALLATION PER DISTRICT STD. DWG. R/NP-6.
(4)	4" DIA STD BLACK NIPPLE, OUTSIDE PAINTED PURPLE.
(5)	4" DIA. 150 LB. SLIP-ON FLANGE.
(6)	4" DIA. FLGD. 4 PC A.W.W.A. 10 GA., 45° BEND, LINED AND COATED SAME AS MAIN.
(7)	6" PO OR MJ X FLANGE CAST IRON FIRE HYDRANT BURY
(8)	THRUST BLOCK PER STD. C-2.
(9)	4" DIA. CML/CMC, 10 GA. W.S.P., PAINTED PURPLE.
(10)	4" x 2-1/2" BRONZE WHARF HYDRANT, JAMES JONES MODEL NO. J-344 H.P. OR APPROVED EQUAL.
(11)	BREAK-OFF CHECK VALVE AND RISER PER NOTE 3 HEREON
(12)	6" WELD FLANGE

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE	4" DIA. BLOW-OFF INSTALLATION FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO. R/NP-16
DATE: APRIL 2024	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS	
APPROVED BY: Sinnaro Yos, P.E. C68607	RIVERSIDE CALIFORNIA	W.O. 2023-3229

NOTE:

1. BLOW-OFF SHALL BE PLACED:
 - A. 2'-6" BEHIND THE CURB FLOWLINE TO THE FH CENTERLINE WHEN THE SIDEWALK IS ADJACENT TO R/W OR MEANDERING.
 - B. 7'-6" BEHIND THE CURB FLOWLINE TO FH CENTERLINE WHEN THE WIDTH OF SIDEWALK IS 6' FROM FLOWLINE.
 - C. 2'-6" BEHIND THE CURB FLOWLINE TO THE FH CENTERLINE WHEN NO SIDEWALK IS PROPOSED OR EXISTING AND CURB AND GUTTER IS EXISTING.
 - D. 2'-0" FROM THE PROPERTY LINE WHEN THERE IS NO CURB.
2. ALL BLOW-OFFS SHALL HAVE GUARD POSTS, SIZE AND PLACEMENT TO BE DETERMINED BY J.C.S.D. INSPECTOR.
3. 6" DIA. CLOW LBI 400A BREAK-OFF CHECK VALVE AND 6" DIA. C.I. BREAK-OFF EXTENSION RISER, 6" LONG ON END FLG'D TO MATE W/ 6" A.S.A. 150# FLANGE, OTHER END FLG'D TO MATE WITH COMPANION FLANGE.
4. EXTERIOR PAINTED W/PRIMER AND TWO (2) COATS OF PURPLE PAINT COLOR PANTONE 522C PER DISTRICT SPECIFICATIONS (NO PRIMER ON BRASS OR BRONZE)

4" x 2 1/2" BRONZE WHARF HYDRANT, JAMES JONES MODEL NO. J-344 H.P. OR APPROVED EQUAL, OUTSIDE PAINTED PER NOTE 4 HEREON

4" DIA. STD. THREADED AND WELDED BLACK PIPE OUTSIDE PAINTED PER NOTE 4 HEREON

WELD COMPANION FLANGE TO BLACK PIPE

6" WELD FLANGE WITH BREAK AWAY BOLTS

BREAK-OFF CHECK VALVE AND RISER PER NOTE 3 HEREON

3'x3'x6" CL. "C" CONC. PAD, POUR AGAINST WELL COMPACTED EARTH. (90% MIN.)

CURB & GUTTER

J & R CONCRETE VALVE BOX VI-R W/ CI COVER PAINTED PURPLE STAMPED "RECYCLED WATER" TO ENCLOSE TRACER WIRE

6" PO OR MJ x FLANGE CAST IRON FIRE HYDRANT BURY

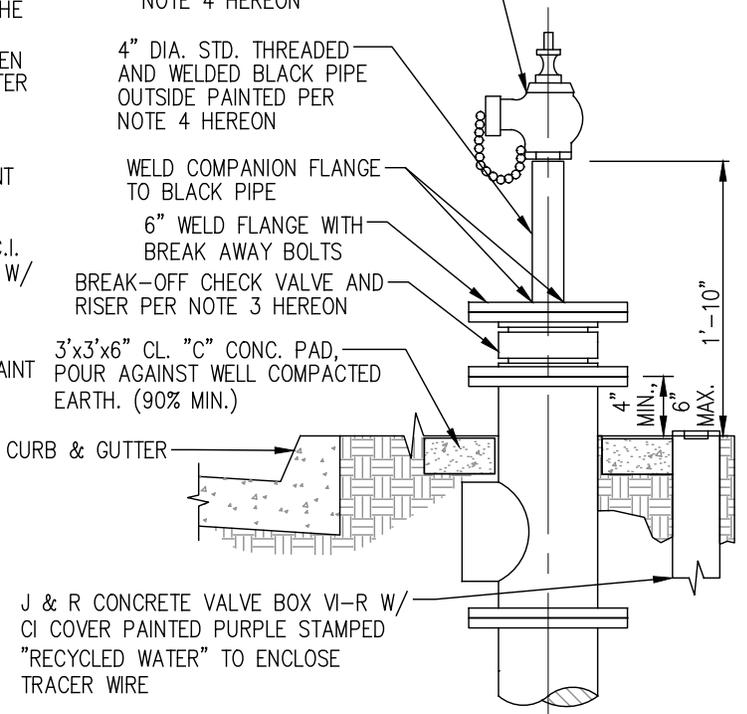
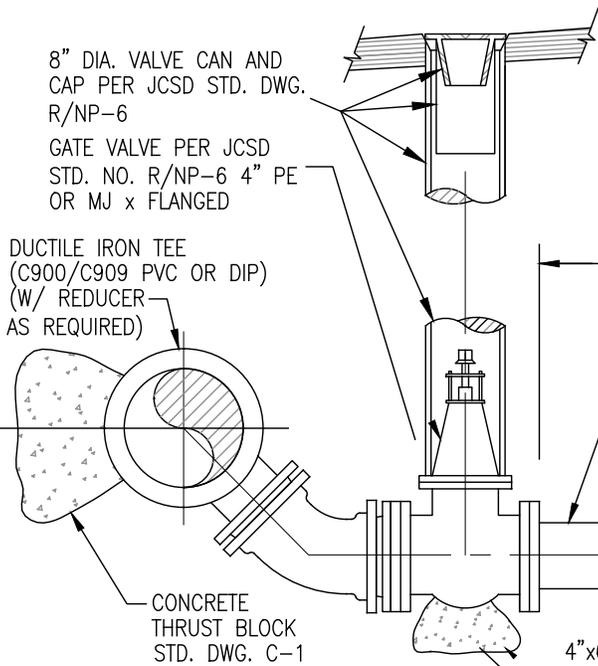
VARIES (3.0 FT. MIN.) RESTRAIN ALL JOINTS

4" PVC (C-900)/6" PVC (C-909) OR DIP WITH LOCATOR WIRE PER DISTRICT STDS.

4"x6" D.I. DECREASER (M.J. x F.L.) AS NEEDED

CONCRETE SUPPORT SHALL BE POURED TO AVOID INTERFERENCE WITH BOLTED CONNECTIONS

CONCRETE SUPPORT BLOCK STD. DWG. C-1



ALL ABOVE GROUND, EXTERIOR APPURTANCES PAINTED W/ PRIMER AND TWO (2) COATS OF PURPLE PAINT COLOR PANTONE 522C PER DISTRICT SPECIFICATIONS (NO PRIMER ON BRASS OR BRONZE).

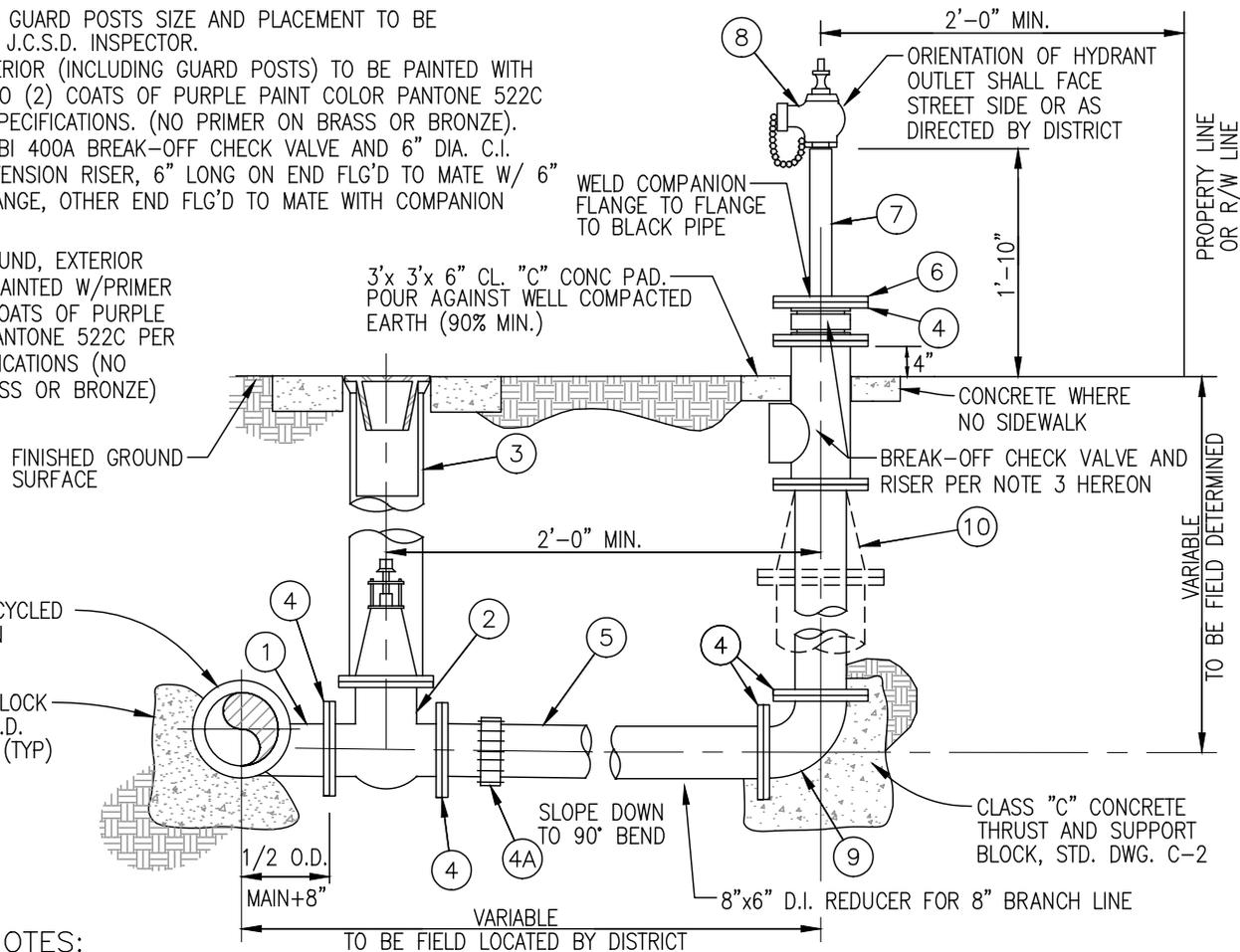
JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE	4" BLOW-OFF ASSEMBLY (PVC/DIP PIPE) FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO.
DATE: APRIL 2024		R/NP-17
APPROVED BY:	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS	
Sinnaro Yos, P.E. C68607	RIVERSIDE CALIFORNIA	W.O. 2023-3229

REV.

NOTES:

1. (3) BLOW-OFFS GUARD POSTS SIZE AND PLACEMENT TO BE DETERMINED BY J.C.S.D. INSPECTOR.
2. BLOW-OFF EXTERIOR (INCLUDING GUARD POSTS) TO BE PAINTED WITH PRIMER AND TWO (2) COATS OF PURPLE PAINT COLOR PANTONE 522C PER DISTRICT SPECIFICATIONS. (NO PRIMER ON BRASS OR BRONZE).
3. 6" DIA. CLOW LBI 400A BREAK-OFF CHECK VALVE AND 6" DIA. C.I. BREAK-OFF EXTENSION RISER, 6" LONG ON END FLG'D TO MATE W/ 6" A.S.A. 150# FLANGE, OTHER END FLG'D TO MATE WITH COMPANION FLANGE.
4. ALL ABOVE GROUND, EXTERIOR APPURTANCES PAINTED W/PRIMER AND TWO (2) COATS OF PURPLE PAINT COLOR PANTONE 522C PER DISTRICT SPECIFICATIONS (NO PRIMER ON BRASS OR BRONZE)



LOCATION NOTES:

1. BLOW-OFF SHALL BE PLACED:
 - A. 2'-6" BEHIND THE CURB FLOWLINE TO THE BO CENTERLINE WHEN THE SIDEWALK IS ADJACENT TO R/W OR MEANDERING.
 - B. 7'-6" BEHIND THE CURB FLOWLINE TO BO CENTERLINE WHEN THE WIDTH OF SIDEWALK IS 6' FROM FLOWLINE.
 - C. 2'-6" BEHIND THE CURB FLOWLINE TO THE BO CENTERLINE WHEN NO SIDEWALK IS PROPOSED OR EXISTING AND CURB AND GUTTER IS EXISTING.
 - D. 2'-0" FROM THE PROPERTY LINE WHEN THERE IS NO CURB.

ITEM	DESCRIPTION
①	TANGENTIAL OUTLET, CLASS 235 C-900 PVC OR DIP AND REINFORCED PER STD. C-6.
②	6" OR 8" GATE VALVE PER STD. R/NP-6 (SIZE AS SPECIFIED ON DRAWING).
③	6" DIA. VALVE BOX INSTALLATION PER STD. DWG. R/NP-6.
④	A.S.A. 150 LB. SLIP-ON FLANGES (SHIP LOOSE FOR FIELD WELDING).
④A	INSTALL FLEX COUPLING PER DISTRICT SPECIFICATIONS WHERE RECYCLED WATERMAIN IS 24" DIA. & LARGER.
⑤	CLASS 235 C-900 PVC OR DIP PAINTED PURPLE.
⑥	6" WELD FLANGE
⑦	4" STD. BLACK PIPE, OUTSIDE PAINTED PURPLE.
⑧	4" x 2 1/2" BRONZE WHARF HYDRANT, J. JONES MODEL NO. J-344 H.P. OR APPROVED EQUAL, OUTSIDE PAINTED PER NOTE 4 HEREON
⑨	6" OR 8" DIA. STD. WT. LONG RADIUS CML/CMC 90° BEND
⑩	6" x 8" M.J. X F.L. DI REDUCER, IF APPLICABLE

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE	6" & 8" BLOW-OFF INSTALLATION FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO.
DATE: APRIL 2024		R/NP-18
APPROVED BY:	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS	
Sinnaro Yos, P.E. C68607	RIVERSIDE CALIFORNIA	W.O. 2023-3229

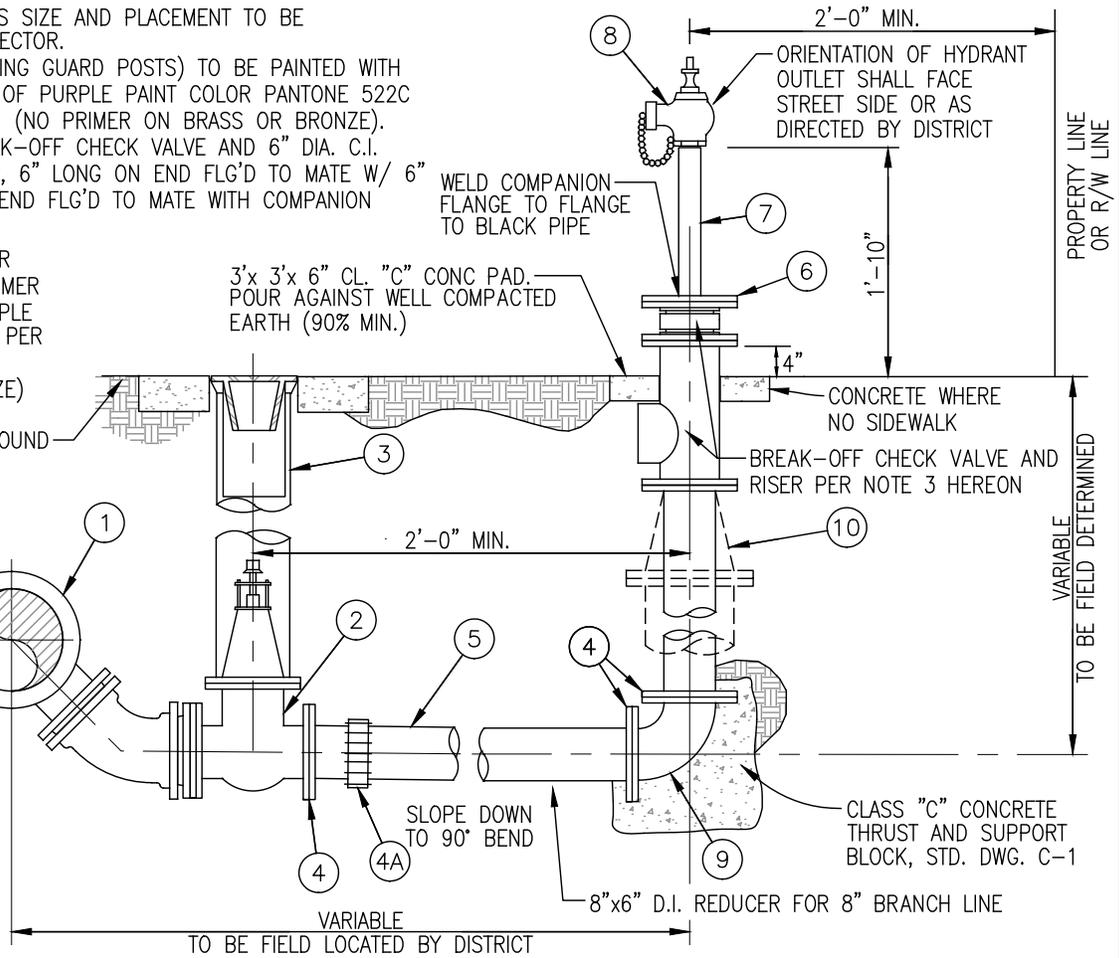
NOTES:

1. (3) BLOW-OFFS GUARD POSTS SIZE AND PLACEMENT TO BE DETERMINED BY J.C.S.D. INSPECTOR.
2. BLOW-OFF EXTERIOR (INCLUDING GUARD POSTS) TO BE PAINTED WITH PRIMER AND TWO (2) COATS OF PURPLE PAINT COLOR PANTONE 522C PER DISTRICT SPECIFICATIONS. (NO PRIMER ON BRASS OR BRONZE).
3. 6" DIA. CLOW LBI 400A BREAK-OFF CHECK VALVE AND 6" DIA. C.I. BREAK-OFF EXTENSION RISER, 6" LONG ON END FLG'D TO MATE W/ 6" A.S.A. 150# FLANGE, OTHER END FLG'D TO MATE WITH COMPANION FLANGE.
4. ALL ABOVE GROUND, EXTERIOR APPURTANCES PAINTED W/PRIMER AND TWO (2) COATS OF PURPLE PAINT COLOR PANTONE 522C PER DISTRICT SPECIFICATIONS (NO PRIMER ON BRASS OR BRONZE)

FINISHED GROUND SURFACE

DIP OR PVC RECYCLED WATERMAIN

THRUST BLOCK PER J.C.S.D. STD. C-1 (TYP)



LOCATION NOTES:

1. BLOW-OFF SHALL BE PLACED:
 - A. 2'-6" BEHIND THE CURB FLOWLINE TO THE BO CENTERLINE WHEN THE SIDEWALK IS ADJACENT TO R/W OR MEANDERING.
 - B. 7'-6" BEHIND THE CURB FLOWLINE TO BO CENTERLINE WHEN THE WIDTH OF SIDEWALK IS 6' FROM FLOWLINE.
 - C. 2'-6" BEHIND THE CURB FLOWLINE TO THE BO CENTERLINE WHEN NO SIDEWALK IS PROPOSED OR EXISTING AND CURB AND GUTTER IS EXISTING.
 - D. 2'-0" FROM THE PROPERTY LINE WHEN THERE IS NO CURB.

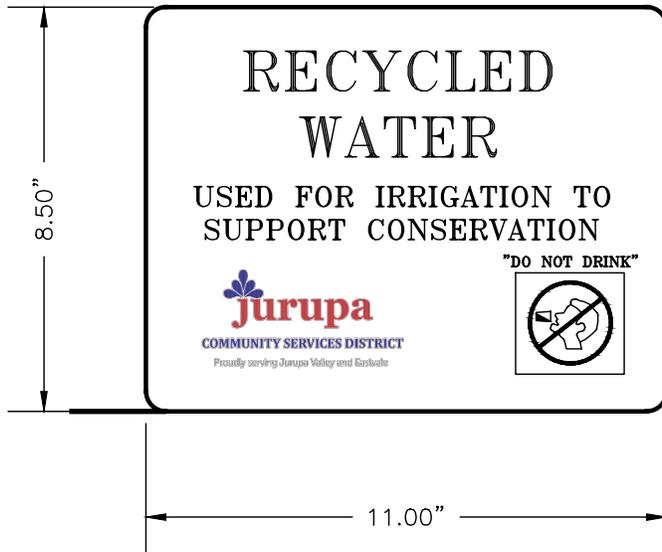
ITEM	DESCRIPTION
①	DUCTILE IRON TEE (MAINLINE SIZE (MJ) X BRANCH SIZE (FL)).
②	6" OR 8" GATE VALVE PER STD. R/NP-6 (SIZE AS SPECIFIED ON DRAWING).
③	6" DIA. VALVE BOX INSTALLATION PER STD. DWG. R/NP-6.
④	DIP CLASS 125 FLANGES, PAINTED PURPLE (PROVIDE DIP RESTRAINED FLANGE ADAPTER AS NEEDED).
④A	INSTALL FLEX COUPLING PER DISTRICT SPECIFICATIONS WHERE RECYCLED WATERMAIN IS 24" DIA. & LARGER.
⑤	DUCTILE IRON PIPE OUTSIDE PAINTED PURPLE.
⑥	6" WELD FLANGE
⑦	4" STD. BLACK PIPE, OUTSIDE PAINTED PURPLE.
⑧	4" x 2 1/2" BRONZE WHARF HYDRANT, J. JONES MODEL NO. J-344 H.P. OR APPROVED EQUAL, OUTSIDE PAINTED PER NOTE 4 HEREON
⑨	6" OR 8" DIA. DIP FLANGED 90° BEND
⑩	6" x 8" DIP REDUCER, IF APPLICABLE

JURUPA COMMUNITY SERVICES DISTRICT

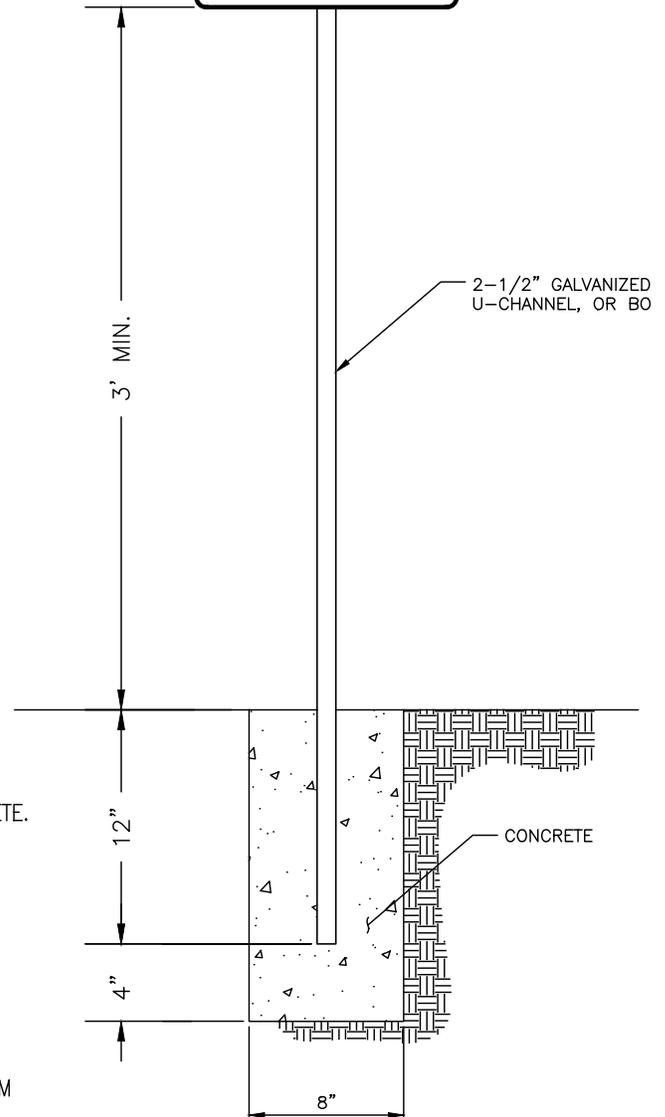
SCALE: NONE	6" & 8" BLOW-OFF INSTALLATION FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO.
DATE: APRIL 2024		R/NP-18A
APPROVED BY: Sinnaro Yos, P.E. C68607	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS RIVERSIDE CALIFORNIA	W.O. 2023-3229

NOTES:

1. REQUIRED SIGNAGE FOR RECYCLED WATER USE AREAS: ALL USE AREAS ACCESSIBLE TO THE PUBLIC SHALL BE POSTED WITH SIGNS THAT ARE VISIBLE TO THE PUBLIC IN A SIZE NO LESS THAN 8.5 INCHES HIGH BY 11 INCHES WIDE.
2. ALL PROPER SIGNAGE, AS SHOWN MUST BE IN PLACE PRIOR TO ISSUANCE OF METER FOR YOUR SYSTEM. FAILURE TO INSTALL THE REQUIRED SIGNAGE PER DISTRICT STANDARDS WILL DELAY YOUR METER SET. IF A SYSTEM IS FOUND TO BE OPERATING ON A JUMPER OR METER WITHOUT THE PROPER SIGNS INSTALLED, YOU WILL BE GIVEN 48 HOURS NOTICE TO INSTALL PROPER SIGNAGE BEFORE THE DISTRICT WILL "LOCK OFF" THE SERVICE. EXISTING PLANT MATERIAL MAY WITHER AND DIE AS RESULT OF A METER BEING LOCKED OFF.



INSTALL WITH $\frac{3}{8}$ " STAINLESS STEEL BOLTS – LENGTH AS REQUIRED. USE 1" DIAMETER WASHER TO PROTECT SIGN.

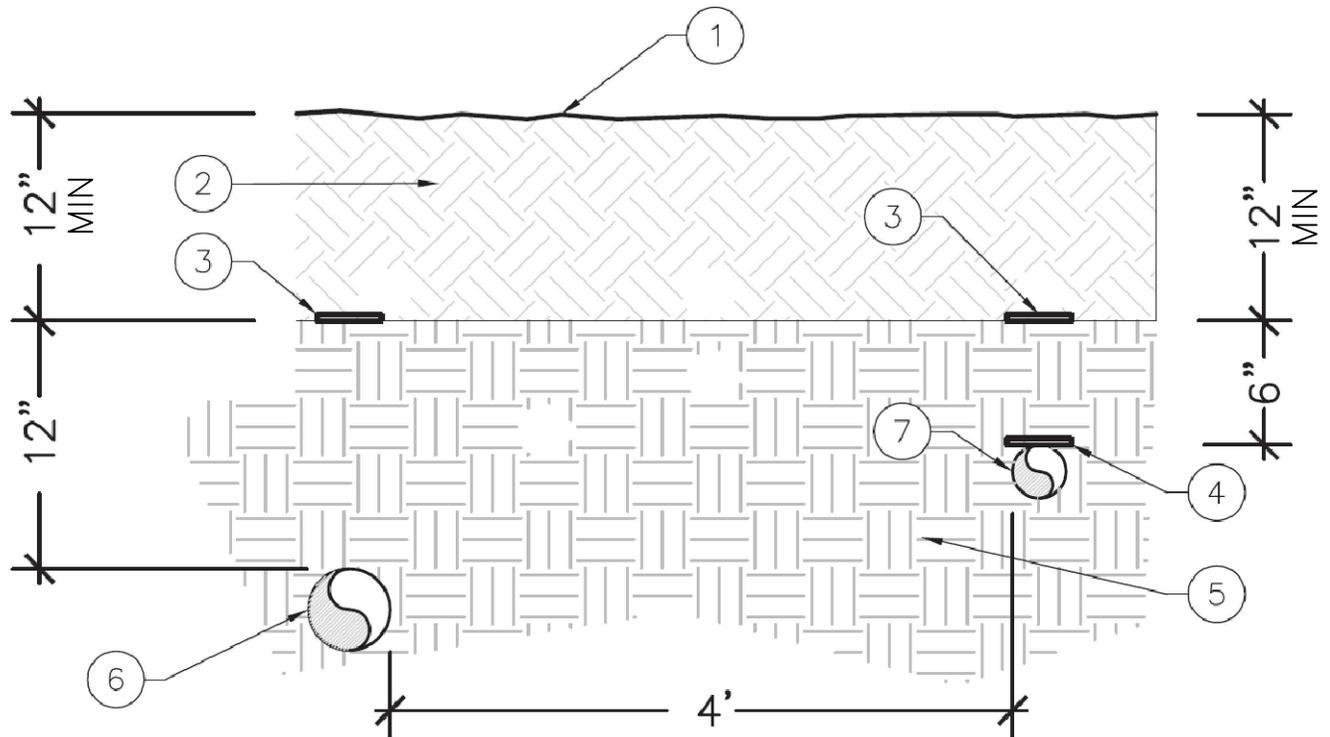


NOTES:

1. FOR POSTING IN AREAS THAT IRRIGATE WITH RECYCLED WATER.
2. SIGN MUST BE VISIBLE TO PUBLIC IN A SIZE NO LESS THAN 8.5 INCHES HIGH BY 11 INCHES WIDE. POST MUST BE SET IN CONCRETE.
3. INSTALL WITH $\frac{3}{8}$ " STAINLESS STEEL BOLTS – LENGTH AS REQUIRED. USE 1" DIAMETER WASHER TO PROTECT SIGN.
4. SIGNS TO BE PLACED AT ALL ENTRANCES TO SITE.
5. SIGNS ALSO TO BE PLACED AT ALL PUBLIC ENTRANCES TO THE BUILDINGS.
6. SIGN MATERIAL SHALL BE 5052-H38 ALODIZED/ANODIZED ALUMINUM (THICKNESS = 0.080 INCHES)

JURUPA COMMUNITY SERVICES DISTRICT

REV.	SCALE: NONE	SIGNAGE DETAIL FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO.
	DATE: APRIL 2024		R/NP-19
	APPROVED BY: Sinnaro Yos, P.E. C68607	ALBERT A. WEBB ASSOCIATES CONSULTING ENGINEERS RIVERSIDE CALIFORNIA	W.O. 2023-3229



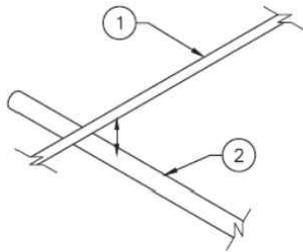
NOTES:

1. FINISH GRADE.
2. TOPSOIL BACKFILL, NO PARTICLES GREATER THAN 1". COMPACT TO 90% RELATIVE DENSITY.
3. TRACER TAPE (TYPICAL).
4. ID TAPE AFFIXED DIRECTLY TO COPPER PIPE, EVERY 5-FEET UNLESS EXISTING PIPE LABEL.
5. PREPARED BACKFILL, COMPACTED TO 90% R.D. SEE PROJECT SPECIFICATIONS FOR DETAILS.
6. RW PVC PRESSURE LINE PER IRRIGATION PLAN.
7. PW COPPER LINE PER ONSITE PLAN.

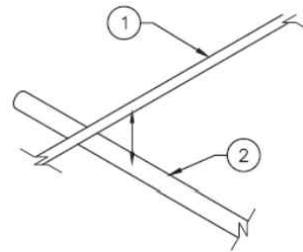
NOTE: FOR PIPE CROSSINGS, POTABLE TO BE ABOVE RECYCLED WITH A FULL STANDARD PIPE LENGTH CENTERED OVER THE CROSSING, EXTENDING 10-FEET TO EITHER SIDE, OR A PVC C900 SLEEVE SHALL BE USED, 2-INCHES IN DIAMETER GREATER THAN THE PIPE.

JURUPA COMMUNITY SERVICES DISTRICT

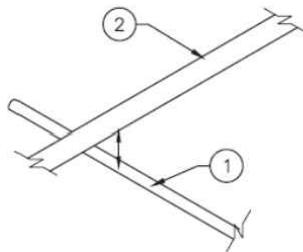
SCALE: NONE DATE: MARCH 2024	ONSITE PIPE TRENCH SECTION AND HORIZONTAL SEPARATION FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO. R/NP-20
REV. APPROVED BY: <hr style="width: 100%;"/> R.C.E 73895	WOODARD & CURRAN IN ASSOCIATION WITH JOHN ROBINSON CONSULTING, INC. 530 TECHNOLOGY DRIVE, SUITE 100 IRVINE, CA	W.O. C215078



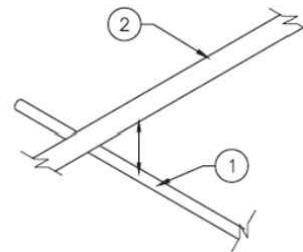
1A LESS THAN 1' BELOW POTABLE — NOT ALLOWED



1B GREATER THAN 1' BELOW POTABLE — NO SPECIAL CONSTRUCTION REQ'D



2A LESS THAN 1' ABOVE POTABLE — NOT ALLOWED



2B GREATER THAN 1' ABOVE POTABLE — SEE NOTE (RIGHT)

NOTES:

- 1. POTABLE WATER LINE.
- 2. PRESSURIZED RECYCLED WATER LINE.

NOTE: A FULL STANDARD PIPE LENGTH MUST BE CENTERED OVER THE CROSSING, OR THE RECYCLED PIPELINE MUST BE INSTALLED IN A PIPE SLEEVE WHICH EXTENDS A MINIMUM OF 10 FEET ON EITHER SIDE OF THE POTABLE WATER PIPING, THE PIPE SLEEVE SHALL BE PVC C900 OR C909 AND 2 INCHES GREATER IN DIAMETER THAN THE RECYCLED PIPE.

JURUPA COMMUNITY SERVICES DISTRICT

	ONSITE VERTICAL SEPARATION FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO. R/NP-21
SCALE: NONE		
DATE: MARCH 2024		
APPROVED BY: _____	WOODARD & CURRAN IN ASSOCIATION WITH JOHN ROBINSON CONSULTING, INC. 530 TECHNOLOGY DRIVE, SUITE 100 IRVINE, CA	W.O. C215078
REV. _____	R.C.E 73895	

1. THE INSTALLATION OF THE ONSITE RECYCLED WATER IRRIGATION SYSTEM SHALL CONFORM TO JCSD RECYCLED WATER ON-SITE DESIGN/ CONSTRUCTION STANDARDS AND STANDARD DRAWINGS.
2. A JCSD REPRESENTATIVE SHALL BE NOTIFIED THREE (3) BUSINESS DAYS PRIOR TO THE START OF ANY CONSTRUCTION.
3. EXISTING UNDERGROUND UTILITIES ARE SHOWN PER AVAILABLE RECORDS. THE CONTRACTOR IS REQUIRED TO VERIFY AND DOCUMENT ON RECORD DRAWINGS THE ACTUAL LOCATION AND ELEVATIONS IN THE FIELD OF ALL UTILITIES AND ALL POINTS OF CONNECTION. THE FIELD VERIFICATION (POTHOLING) SHALL BE COMPLETED PRIOR TO THE COMMENCEMENT OF ANY MODIFICATIONS TO THE IRRIGATION SYSTEM AND CONNECTION TO THE METER.
4. THE CONTRACTOR SHALL NOTIFY 811 UNDERGROUND SERVICE ALERT (USA) AT 1-800-422-4133 AND ALL PUBLIC UTILITY COMPANIES AND OWNERS OF ALL PRIVATE FACILITIES AT LEAST TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY WORK WITHIN SAID AREA.
5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, VERIFY DEPTH AND PROTECT ALL STRUCTURES, INCLUDING SUBSTRUCTURES, SHOWN ON THE PLANS. THE CONTRACTOR SHALL BEAR THE ENTIRE COST OF REPAIRING OR REPLACING ANY OF SAID STRUCTURES DAMAGED BY HIM/HER DURING PROSECUTION OF THE WORK. ALL REPAIRS AND REPLACEMENTS SHALL BE INSPECTED BY A JCSD REPRESENTATIVE.
6. THE CONTRACTOR IS RESPONSIBLE FOR PERMITS AND ASSOCIATED FEES. THE CONTRACTORS SHALL APPLY FOR ALL NECESSARY PERMITS, INCLUDING PLUMBING AND ENCROACHMENT, FROM RIVERSIDE COUNTY PRIOR TO START OF ANY WORK ON-SITE.
7. ALL IMPROVEMENTS IN THE PUBLIC RIGHT OR WAY DAMAGED DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE RECONSTRUCTED PER RIVERSIDE COUNTY STANDARDS AND TO THE SATISFACTION OF THE AGENCY AND COUNTY REPRESENTATIVE.
8. CONTRACTOR SHALL RESTORE SITE AND VEGETATION TO PRE-CONSTRUCTION CONDITIONS AT THE END OF THE PROJECT PER OWNER'S REPRESENTATIVE APPROVAL. CONTRACTOR SHALL VIDEOTAPE THE PROJECT SITE PRIOR TO THE STARTING OF CONSTRUCTION.
9. ALL NEW REMOTE-CONTROL VALVES, GATE VALVES AND PRESSURE RELIEF VALVES SHALL BE INSTALLED IN SUITABLE VALVE BOXES COMPLETE WITH LOCKING AND HINGED COVERS. EACH SHALL BE MARKED WITH "RW" TO INDICATE THE USE OF RECYCLED WATER.
10. QUICK COUPLERS AND ELECTRICAL CONTROLLERS SHALL BE IDENTIFIED WITH THE PROPER SIGNAGE. QUICK COUPLERS SHALL BE INSTALLED IN PURPLE VALVE BOXES.
11. RECYCLED WATER SIGNS SHALL BE INSTALLED AT LOCATIONS AGREEABLE TO CUSTOMER, JCSD, AND STATE WATER RESOURCES CONTROL BOARD DIVISION OF DRINKING WATER (DDW) AS SHOWN ON PLANS. SIGNS MAY BE MOUNTED ON POLES, ATTACHED TO EXISTING FENCES, BUILDINGS, OR EXISTING POLE MOUNTED SIGNS.
12. ALL CONCRETE SHALL BE 560-C-3250 UNLESS OTHERWISE SPECIFIED.
13. PRIOR TO DELIVERING RECYCLED WATER TO THE PROPERTY, A SUCCESSFUL CROSS CONNECTION TEST WILL BE REQUIRED. THE FOLLOWING ENTITIES MAY BE PARTICIPATING IN THE TESTS: CUSTOMER, DDW, AND JCSD. THE CONTRACTOR WILL BE REQUIRED TO SEQUENCE THEIR WORK TO ALLOW FOR THE CROSS-CONNECTION TEST PRIOR TO PERFORMING THE DISCONNECTION OF THE POTABLE WATER AND CONNECTION OF THE RECYCLED WATER TO THE EXISTING IRRIGATION SYSTEM. THE CONTRACTOR SHALL PLAN TO PROVIDE 8 HOURS OF LABOR TO ASSIST DURING TESTING.
14. THIS SYSTEM IS DIAGRAMMATIC. ALL PIPE, VALVE, ETC SHOWN ARE DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS WHEREVER POSSIBLE.
15. QUALITY CONTROL SEQUENCES FOR CONSTRUCTION ACTIVITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
16. CLEAN-UP CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
17. WORKING HOURS SHALL BE PER OWNER'S REPRESENTATIVE APPROVAL. HOURS WILL BE FROM 8:30 AM TO 3:30 PM MONDAY - FRIDAY. NO WORK IS PERMITTED ON WEEKENDS.
18. CONTRACTOR TO CONTACT JCSD FOR SITE INSPECTIONS OF ALL ONSITE WATER FACILITIES BEFORE BURIED. INSPECTION REQUEST SHALL BE MADE A MINIMUM OF FIVE (5) BUSINESS DAYS IN ADVANCE OF INSPECTION. INSPECTIONS SHALL INCLUDE ALL RECYCLED AND POTABLE WATER MAINLINES SERVING IRRIGATION, DOMESTIC AND FIRE WATER USES ONSITE.

JURUPA COMMUNITY SERVICES DISTRICT

	SCALE: NONE	RETROFIT STANDARD NOTES FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO.
	DATE: MARCH 2024		R/NP-22
REV.	APPROVED BY: _____	WOODARD & CURRAN IN ASSOCIATION WITH JOHN ROBINSON CONSULTING, INC. 530 TECHNOLOGY DRIVE, SUITE 100	W.O. C215078
	R.C.E 73895	IRVINE, CA	

19. CONTRACTOR SHALL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING STAGING, STOCKPILE AREAS AND FENCING THEM ACCORDINGLY. POST SIGNS A MINIMUM OF SEVEN (7) DAYS PRIOR TO CONSTRUCTION ACTIVITIES.
21. DEVIATION IN THE FIELD SHOULD BE BROUGHT UP TO THE JCSD REPRESENTATIVE IMMEDIATELY FOR PROPER DIRECTION.
22. TYPICAL (TYP.) REFERS TO EVERY SINGLE AFOREMENTIONED ITEM ON SITE.
23. ALL SURPLUS MATERIAL REMOVED, INCLUDING EXCAVATED MATERIALS WHICH ARE NOT SUITABLE FOR USE IN THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL DISPOSE AWAY FROM THE JOB SITE IN A MANNER AND LOCATION THAT IS ACCEPTABLE TO ALL COGNIZANT AGENCIES.
24. METER TO BE SALVAGED AND RETURNED TO JCSD, MUST BE DONE IN THE PRESENCE OF THE JCSD REPRESENTATIVE. SALVAGED MATERIAL WILL BE NOTED ON THE PLANS.
25. CONTRACTOR SHALL COORDINATE WITH JCSD FOR THE CONSTRUCTION OF THE RECYCLED WATER METER AND START-UP SERVICES. CONTRACTOR IS RESPONSIBLE FOR CONNECTION FROM THE METER TO THE IRRIGATION SYSTEM.
26. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ALL PROJECT EXISTING UTILITIES, PAVEMENT, CURB, TRAFFIC STRIPING MARKINGS, STRUCTURE AND LANDSCAPING IRRIGATION SYSTEM AS A RESULT OF HIS/HER OPERATIONS. IT WILL BE REQUIRED TO REPAIR OR REPLACE "THE SAME" TO THE SATISFACTORY AS NOTED BY JCSD.
27. ALL TRENCHES AND OPEN AREAS SHALL BE PROPERLY SECURED, COVERED, AND IDENTIFIED TO PREVENT ACCIDENTS AT ALL TIMES.
28. CONTRACTOR SHALL KEEP RESTROOMS OPEN DURING CONSTRUCTION. CONTRACTOR SHALL POST SIGNS AT FACILITIES BEING IMPACTED BY THE CROSS-CONNECTION TEST AT A MINIMUM SEVEN (7) DAYS PRIOR TO SHUTDOWN.
29. CONTRACTOR SHALL ADJUST IRRIGATION SPRAY PATTERNS TO MINIMIZE OVERSPRAY.
30. CROSS CONNECTION TEST PLAN
 PRIOR TO INSTALLATION OF THE RECYCLED WATER METER, A CROSS CONNECTION TEST MUST BE COMPLETED UNDER SUPERVISION OF CERTIFIED CROSS CONNECTION CONTROL SPECIALIST, CUSTOMER'S SITE SUPERVISOR, AND JCSD TEST SHALL BE A TWO-WAY SHUTDOWN TEST.
 THE FOLLOWING OUTLINES THE STEPS OF THE TEST:

 STEP #1. ESTABLISH BASELINE: OPERATE IRRIGATION USES TO VERIFY FUNCTIONALITY & PRESSURE.
 A. CHECK AND OPERATE IRRIGATION CONTROL VALVES.

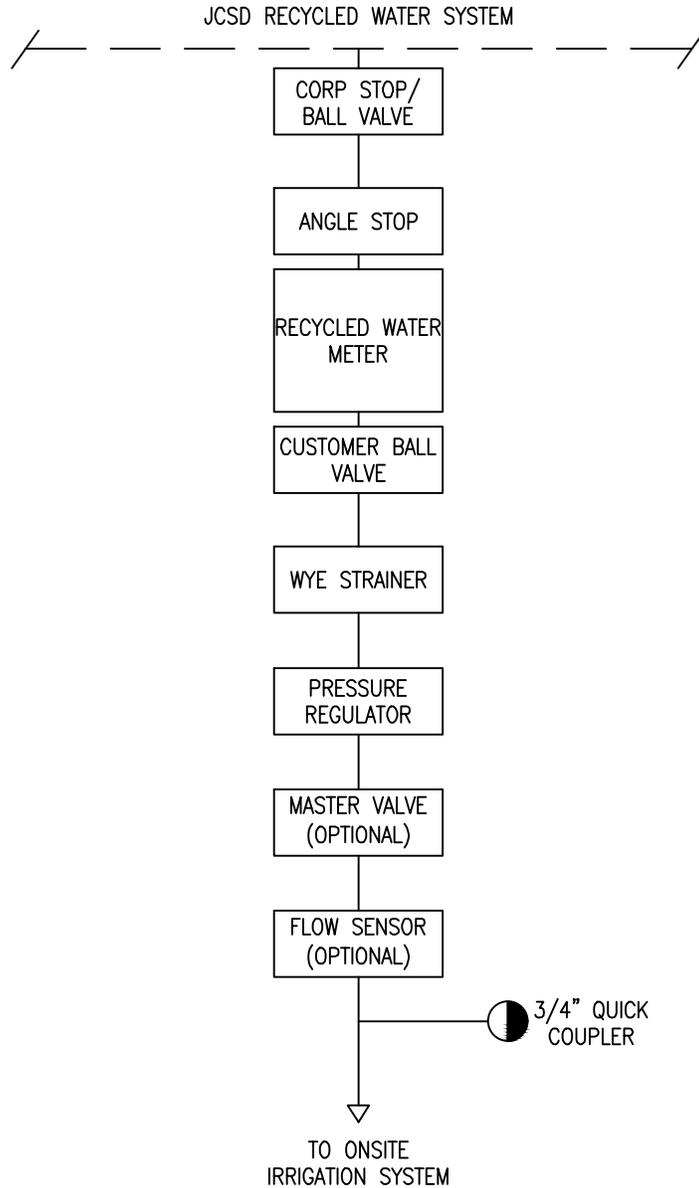
 STEP #2. IRRIGATION OFF: THE IRRIGATION SYSTEM SHALL BE TURNED OFF, DRAINED AND REMAIN DEACTIVATED FOR AN ADEQUATE PERIOD OF TIME BASED ON SITE-SPECIFIC CHARACTERISTICS.
 A. SHUTOFF THE IRRIGATION SYSTEM FEED AT THE BACKFLOW PREVENTION DEVICE.
 B. OPERATE IRRIGATION USES TO VERIFY NO PRESSURE BY CYCLING THE IRRIGATION CLOCKS TO DETERMINE NO FLOW AND CHECKING QUICK COUPLERS.
 C. OPERATE DOMESTIC USES TO VERIFY PRESSURE BY FIXTURE TEST.
 D. TURN IRRIGATION SYSTEM BACK ON.

 STEP #3. DOMESTIC OFF: THE DOMESTIC SYSTEM SHALL BE TURNED OFF, DRAINED AND REMAIN DEACTIVATED FOR AN ADEQUATE PERIOD OF TIME BASED ON SITE-SPECIFIC CHARACTERISTICS.
 A. SHUTOFF THE DOMESTIC WATER SYSTEM FEED AT THE BACKFLOW PREVENTION DEVICE.
 B. OPERATE DOMESTIC USES TO VERIFY NO PRESSURE BY FIXTURE TEST TO VERIFY NO FLOW.
 C. OPERATE IRRIGATION USES TO VERIFY FLOW.
 D. TURN DOMESTIC SYSTEM BACK ON.

JURUPA COMMUNITY SERVICES DISTRICT

	RETROFIT STANDARD NOTES CONT. FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO.
		R/NP-22
SCALE: NONE DATE: MARCH 2024 APPROVED BY: <hr style="width: 100%;"/> R.C.E 73895	WOODARD & CURRAN IN ASSOCIATION WITH JOHN ROBINSON CONSULTING, INC. 530 TECHNOLOGY DRIVE, SUITE 100 IRVINE, CA	W.O. C215078

REV.



NOTES:

1. IF REQUIRED BY OWNER, BOOSTER PUMP SHALL BE IN-PLACE OF PRESSURE REGULATOR.

JURUPA COMMUNITY SERVICES DISTRICT

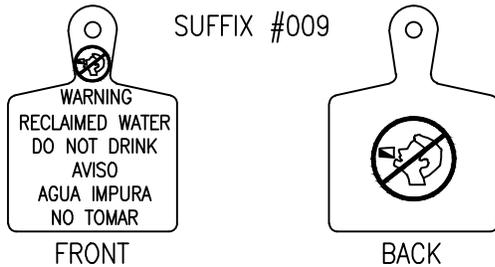
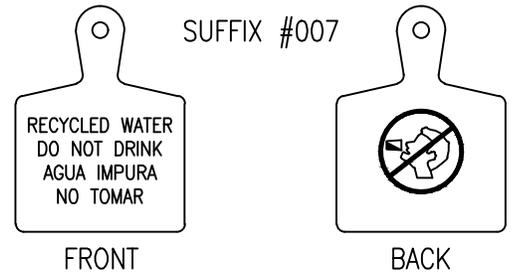
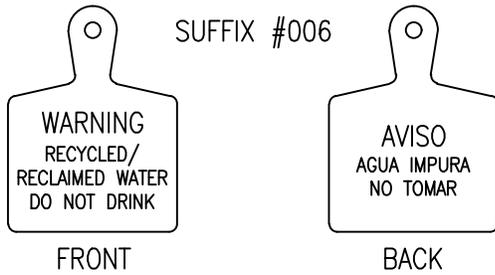
POINT OF CONNECTION DETAIL FOR RECYCLED/NON-POTABLE WATER LINE

DRAWING NO.
R/NP-23

REV.	SCALE: NONE
	DATE: MARCH 2024
	APPROVED BY: <hr style="width: 100%; border: 0.5px solid black;"/>
	R.C.E 73895

WOODARD & CURRAN IN ASSOCIATION WITH JOHN ROBINSON CONSULTING, INC. 530 TECHNOLOGY DRIVE, SUITE 100 IRVINE, CA

W.O. C215078



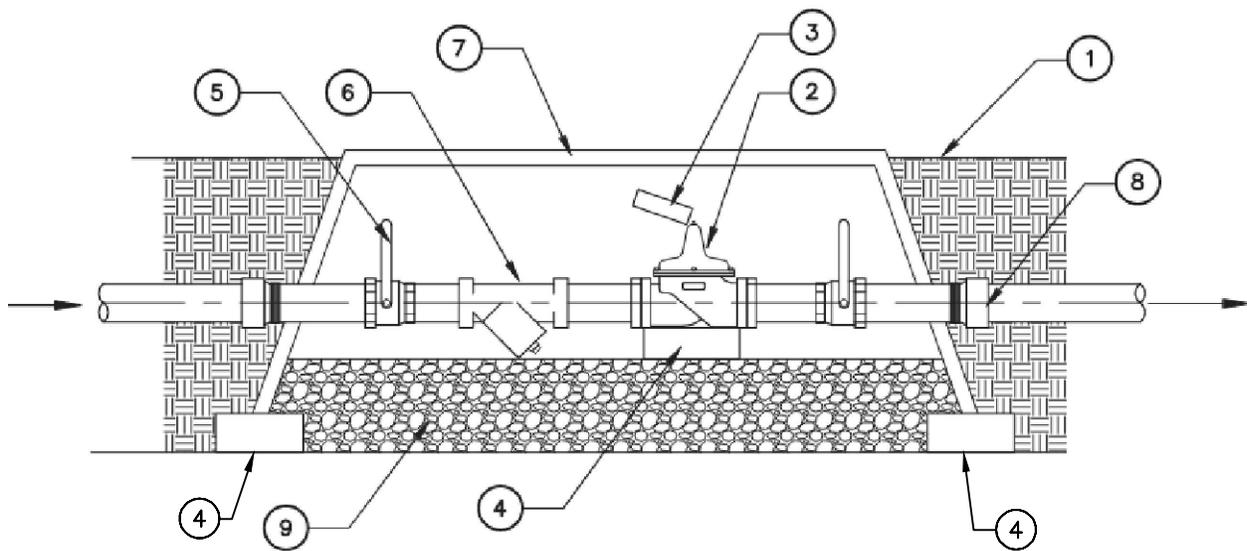
NOTES:

1. ALL RECYCLED WATER SYSTEM INFRASTRUCTURE SHALL BE TAGGED WITH IDENTIFICATION TAGS (IRRIGATION CONTROL VALVES, QUICK COUPLING VALVES, GATE VALVES, BALL VALVES, FLUSH VALVES, PRESSURE REGULATING VALVES, STRAINERS, ETC).
2. TAGS SHALL BE WEATHERPROOF POLYURETHANE, 3"x4", PURPLE IN COLOR WITH THE WORDS "WARNING - RECYCLED WATER - DO NOT DRINK" IMPRINTED ON ONE SIDE, AND "AVISA - AGUA IMPURA - NO TOMAR" ON THE OTHER SIDE OR USE OF A UNIVERSAL DO NOT DRINK SYMBOL IMPRINTING SHALL BE PERMANENT AND BLACK IN COLOR.
3. USE TAGS AS MANUFACTURED BY T. CHRISTY ENTERPRISES OR APPROVED EQUAL. APPROVED MODELS INCLUDE : ID-MAX-P2-RC006, ID-MAX-P2-RC007-, OR ID-MAX-P2-RC009.
4. TAGS SHALL BE WIRED OR PLASTIC TIE WRAPPED TO VALVE STEM, SOLENOID, OR BOLT AS REQUIRED. INTENT IS VALVE OPERATOR MUST MOVE TAG TO OPERATE VALVE.

JURUPA COMMUNITY SERVICES DISTRICT

REV.	SCALE: NONE	RECYCLED WATER - ID TAG FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO.
	DATE: MARCH 2024		R/NP-24
	APPROVED BY: _____	WOODARD & CURRAN IN ASSOCIATION WITH JOHN ROBINSON CONSULTING, INC. 530 TECHNOLOGY DRIVE, SUITE 100 IRVINE, CA	W.O. C215078

R.C.E 73895

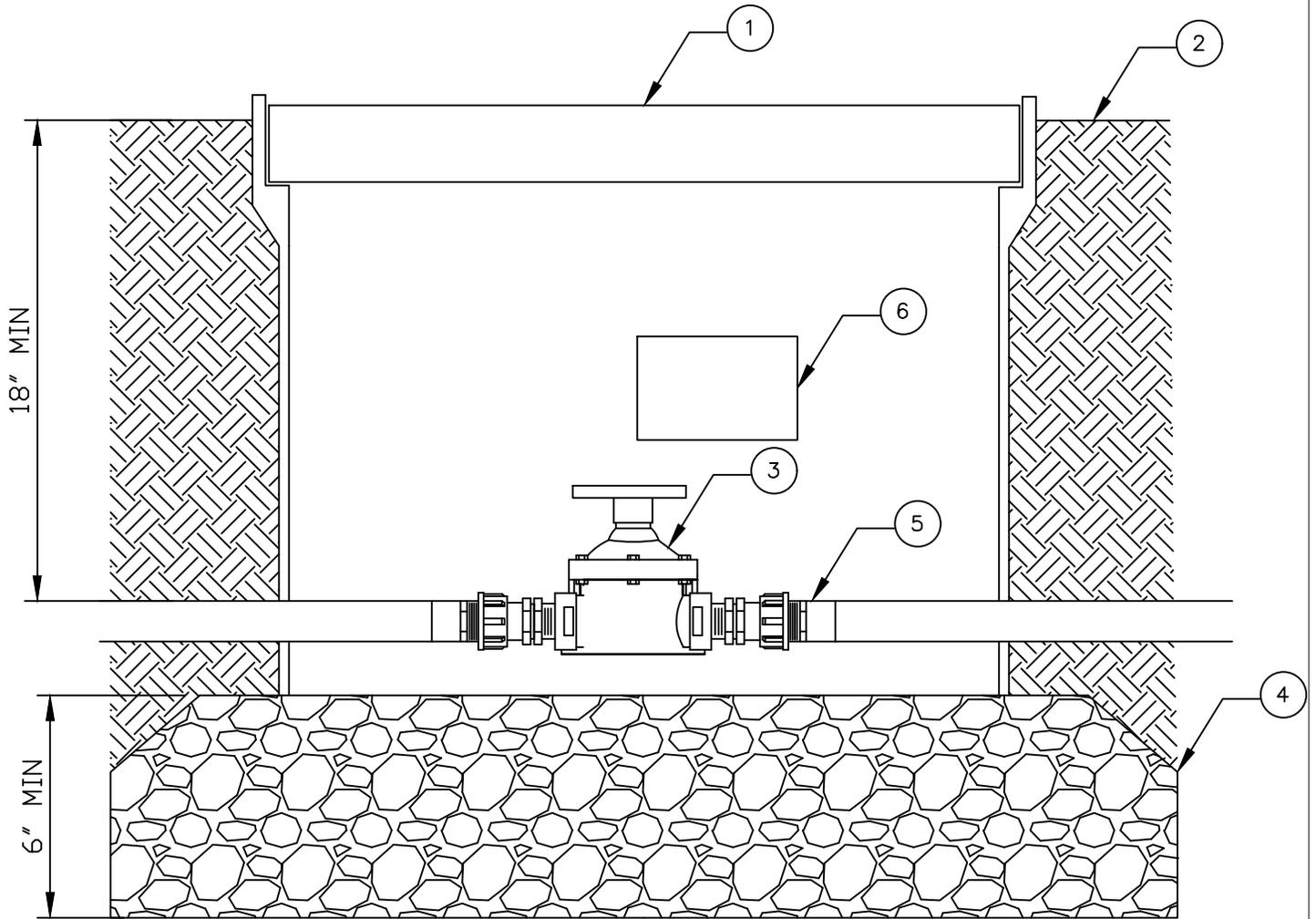


NOTES:

1. FINISH GRADE. 1/2" IN LAWN AREAS, 3" ABOVE GRADE IN SHRUB AND GROUND COVER AREAS AT GRADE WHEN INSTALLED NEAR WALKS, CURBS, HEADERBOARDS AND PAVING AREAS.
2. CONSTRUCT PRESSURE REDUCING VALVE (IF REQUIRED AND SIZE PER PLANS) W/ THREADED OUTLETS (WATTS MODEL 223 OR APPROVED EQUAL). LOCATE PRV AS CLOSE AS POSSIBLE TO EXISTING RECYCLED WATER METER.
3. INSTALL RECYCLED WATER I.D. TAG PER JCSD SPECIFICATIONS.
4. PROVIDE PIPE SUPPORT.
5. BALL VALVE WITH RESILIENT SEAT (SIZE AND MODEL PER PLANS).
6. WYE STRAINER (SIZE PER PLANS).
7. JUMBO PLASTIC VALVE BOX TO BE SIZED BY CONTRACTOR TO HOUSE WYE STRAINER OR AS SEPARATE BOXES PER CUSTOMER DISCRETION. VALVE BOX COVER TO BE PURPLE INDICATING RECYCLED WATER USE.
8. TRANSITION COUPLING (TYP.), SIZE PER PLANS.
9. 3/4" WASHED CRUSHED AGGREGATE BASE.

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE DATE: MARCH 2024	PRV AND WYE-STRAINER ASSEMBLY FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO. R/NP-25
REV. APPROVED BY: _____ R.C.E 73895	WOODARD & CURRAN IN ASSOCIATION WITH JOHN ROBINSON CONSULTING, INC. 530 TECHNOLOGY DRIVE, SUITE 100 IRVINE, CA	W.O. C215078



NOTES:

1. ROUND PURPLE PLASTIC VALVE BOX & COVER BRANDED.
2. FINISH GRADE. 1/2" IN LAWN AREAS, 3" ABOVE GRADE IN SHRUB AND GROUNDCOVER AREAS AT GRADE WHEN INSTALLED NEAR WALKS, CURBS, HEADERBOARDS AND PAVING AREAS.
3. ISOLATION VALVE (SEE PLANS) – SEE IRRIGATION LEGEND.
4. 3/4" WASHED CRUSHED AGGREGATE BASE. PLACE AGGREGATE PRIOR TO INSTALLATION OF VALVE BOX.
5. SCH. 40 PVC MALE ADAPTORS.
6. INSTALL PLASTIC CHRISTI OR EQUIVALENT RECYCLED WATER VALVE I.D. TAG PER JCSD R/NP-24.

JURUPA COMMUNITY SERVICES DISTRICT

IRRIGATION – ISOLATION VALVE FOR RECYCLED/NON-POTABLE WATER LINE

DRAWING NO.
R/NP-26

SCALE: NONE
DATE: MARCH 2024

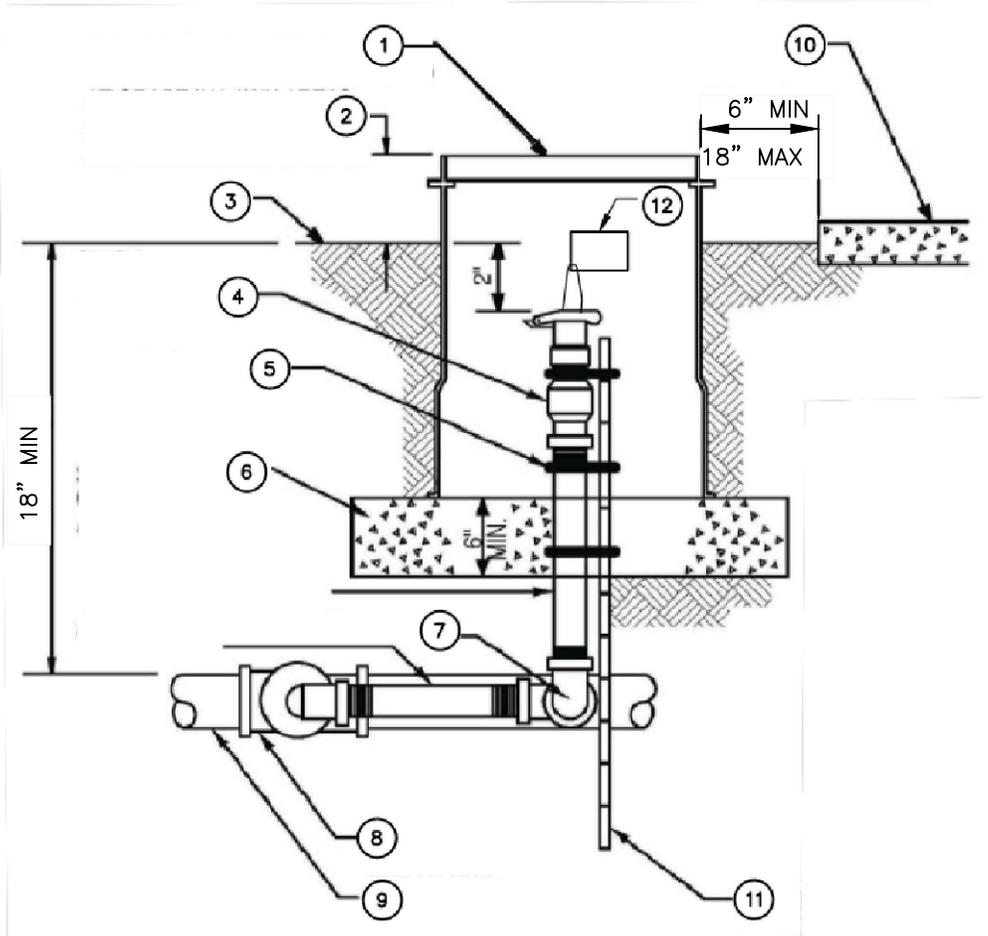
APPROVED BY:

R.C.E 73895

WOODARD & CURRAN
IN ASSOCIATION WITH JOHN ROBINSON CONSULTING, INC.
530 TECHNOLOGY DRIVE, SUITE 100 IRVINE, CA

W.O. C215078

REV.



NOTES:

1. ROUND PURPLE PLASTIC VALVE BOX & COVER BRANDED.
2. FINISH GRADE. 1/2" LAWN AREAS, 3" ABOVE GROUND COVER AREAS AND AT GRADE WHEN INSTALLED NEAR WALKS, CURBS, HEADBOARDS AND PAVING AREAS.
3. 150 PSI BRASS 1-INCH QUICK COUPLING VALVE WITH ACME THREAD BODY AND PURPLE RUBBER CAP.
4. STAINLESS STEEL SCREW CLAMP MINIMUM (3) PLACES.
5. 3/4" WASHED CRUSHED AGGREGATE BASE. PLACE AGGREGATE PRIOR TO INSTALLATION OF VALVE BOX.
6. SPEARS PER-ASSEMBLE SWING JOINT.
7. PRESSURE SUPPLY LINE FITTING.
8. PRESSURE SUPPLY LINE.
9. STRUCTURE OR HARDCAPING.
10. #4 REBAR STAKE (24" LONG).
11. INSTALL RECYCLED WATER I.D. TAG PER JCSD R/NP-22.

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE

DATE: MARCH 2024

APPROVED BY:

R.C.E 73895

IRRIGATION QUICK COUPLING VALVE FOR RECYCLED/NON-POTABLE WATER LINE

WOODARD & CURRAN

IN ASSOCIATION WITH JOHN ROBINSON CONSULTING, INC.

530 TECHNOLOGY DRIVE, SUITE 100

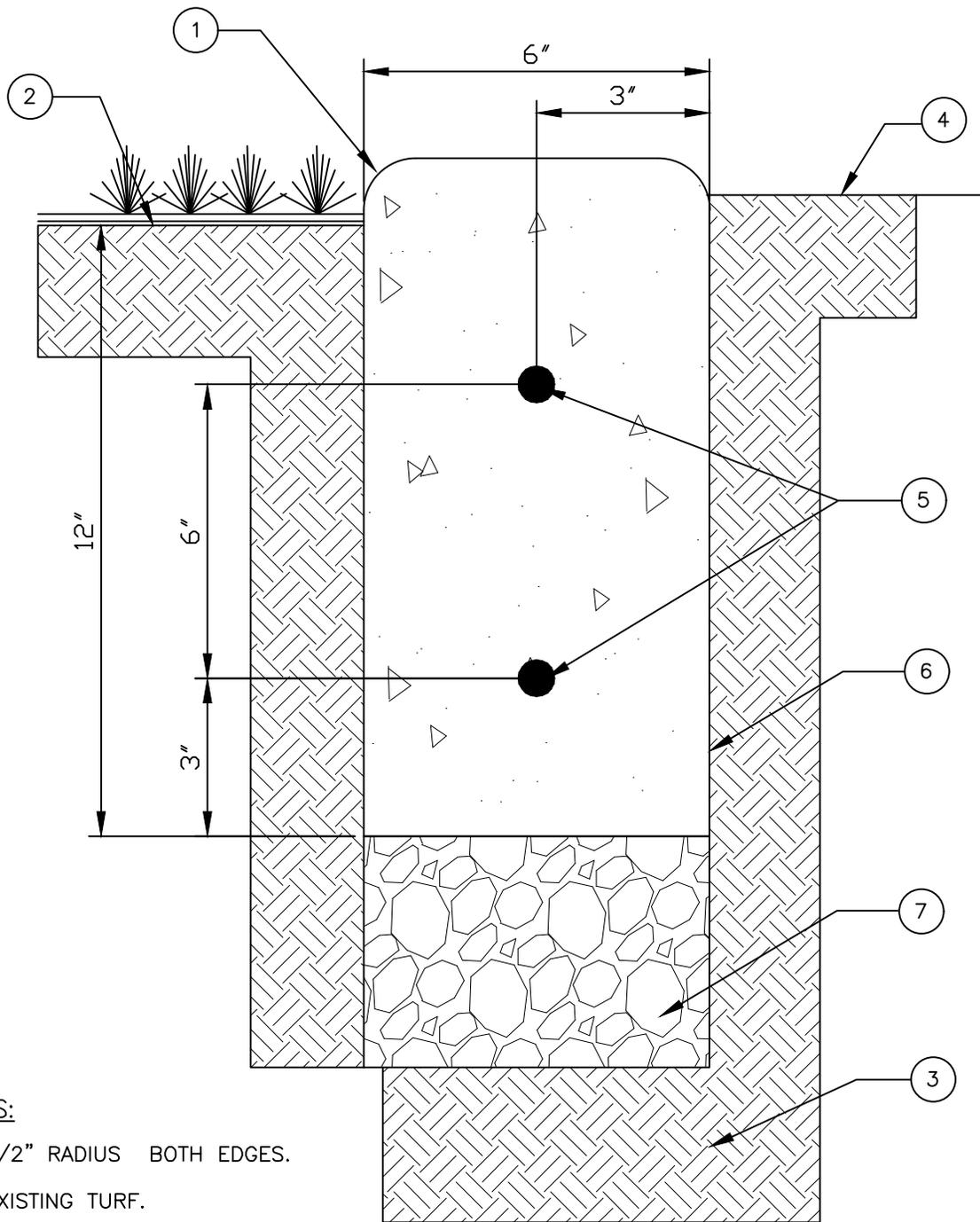
IRVINE, CA

DRAWING NO.

R/NP-27

W.O. C215078

REV.



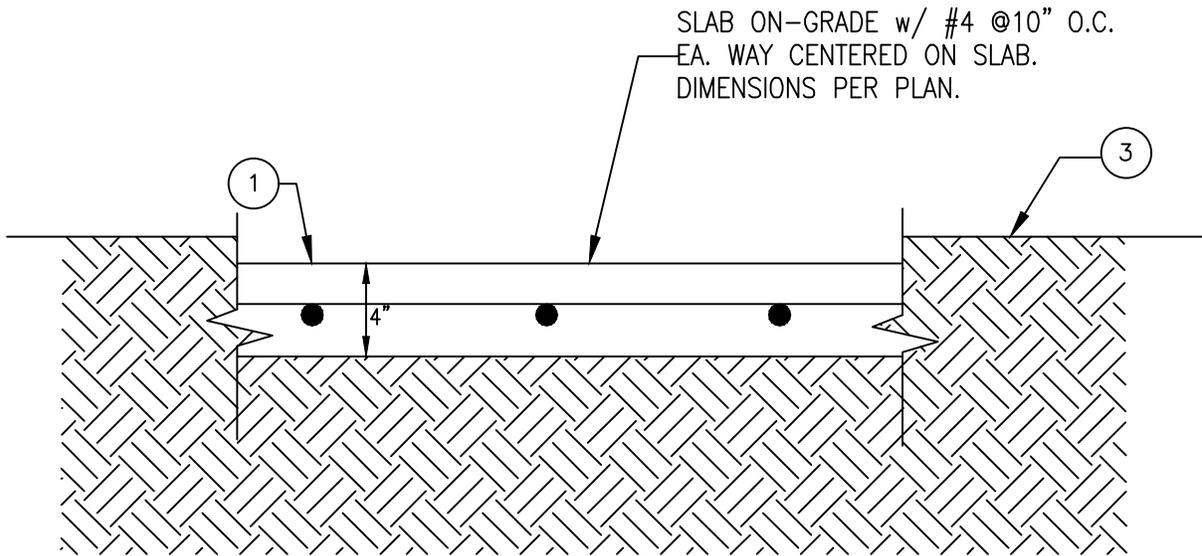
NOTES:

1. 1/2" RADIUS BOTH EDGES.
2. EXISTING TURF.
3. PREPARED BACKFILL COMPACTED TO 90% R.C. SEE PROJECT SPECIFICATIONS FOR DETAILS.
4. FINISHED GRADE.
5. #4 REBAR, CONTINUOUS.
6. NEW CONCRETE MOW STRIP. ALL CONCRETE SHALL BE 560-C-3250.
7. 3/4" CRUSHED AND COMPACTED TO 90% GRAVEL BASE.

NOTE: EXPANSION JOINTS 20' O.C. ALL MOW STRIPS SHALL BE FORMED AND HAND-POURED.

JURUPA COMMUNITY SERVICES DISTRICT

REV.	SCALE: NONE	MOW CURB FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO.
	DATE: MARCH 2024		R/NP-28
	APPROVED BY: _____	WOODARD & CURRAN IN ASSOCIATION WITH JOHN ROBINSON CONSULTING, INC. 530 TECHNOLOGY DRIVE, SUITE 100 IRVINE, CA	W.O. C215078
	R.C.E 73895		

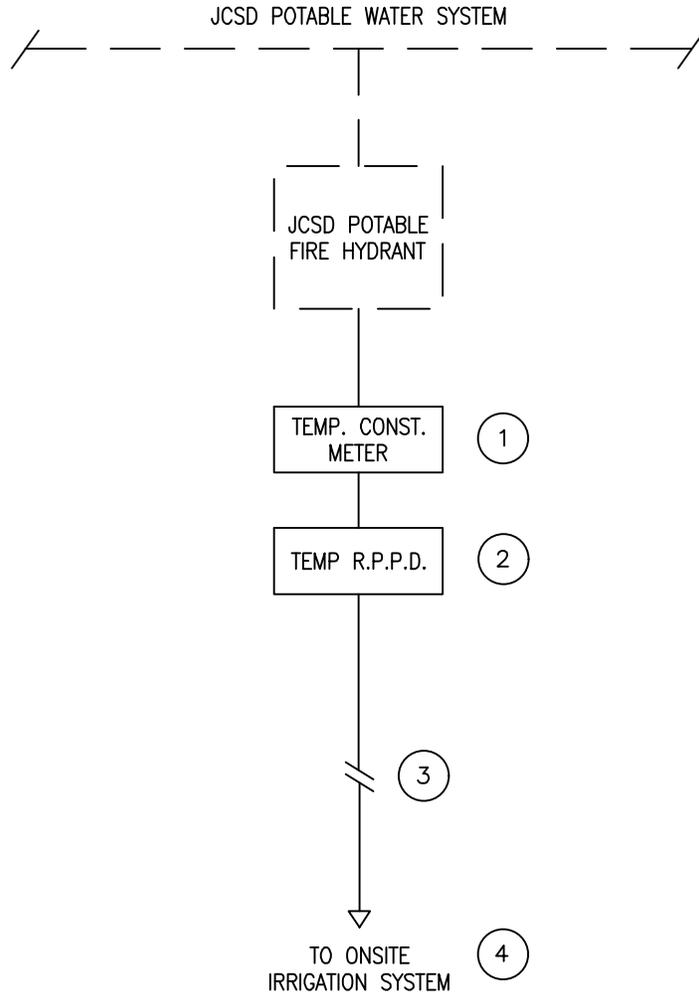


NOTES:

1. ALL CONCRETE SHALL BE 560-C-3250 UNLESS OTHERWISE SPECIFIED.
2. PREPARED BACKFILL COMPACTED TO 90% R.C. SEE PROJECT SPECIFICATIONS FOR DETAILS.
3. FINISHED GRADE.

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE	CONCRETE SLAB ON GRADE FOR RECYCLED/NON-POTABLE WATER LINE	DRAWING NO. R/NP-29
DATE: MARCH 2024	WOODARD & CURRAN IN ASSOCIATION WITH JOHN ROBINSON CONSULTING, INC.	
APPROVED BY: _____	530 TECHNOLOGY DRIVE, SUITE 100 IRVINE, CA	W.O. C215078
R.C.E 73895		



NOTES:

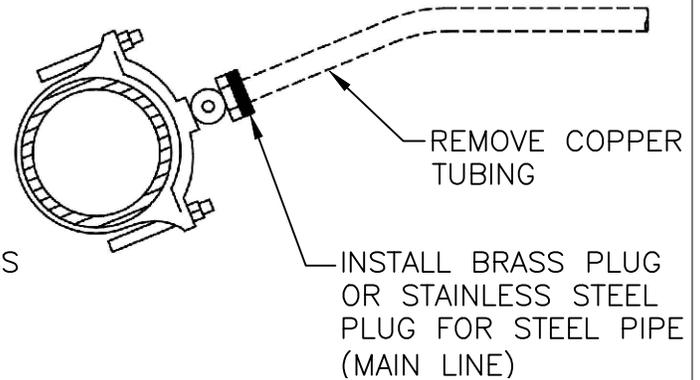
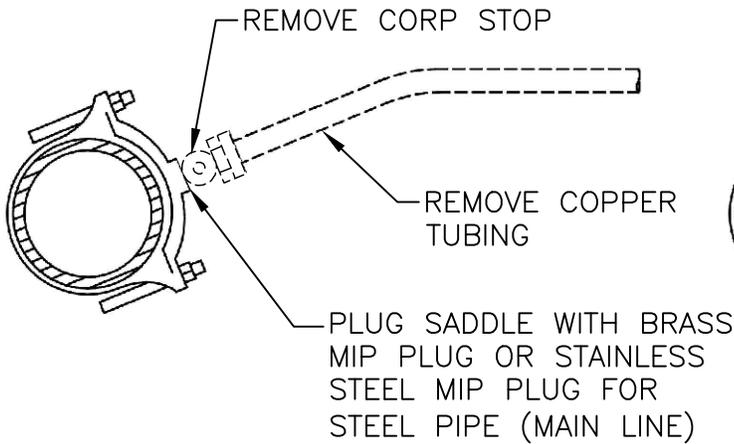
1. CONSTRUCTION METER AVAILABLE FROM JCSD. PHONE: (951) 685-7434. EMAIL: INFO@JCSD.US
2. APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION DEVICE MUST BE INSTALLED IMMEDIATELY DOWNSTREAM OF CONSTRUCTION METER. DEVICE SHALL BE CERTIFIED BY CONTRACTOR PRIOR TO USE OR REINSTALLED AT A DIFFERENT LOCATION. PROVIDE PIPE SUPPORTS AS REQUIRED.
3. TEMPORARY PIPING CONNECTION TO EXISTING IRRIGATION SYSTEM AS REQUIRED BY PROJECT SPECIFICS LENGTH AND PIPE MATERIAL SHALL VARY. CONTRACTOR SHALL OBTAIN JCSD APPROVAL FOR PIPE MATERIALS.
4. NO RECYCLED WATER METER SHALL BE FURNISHED UNTIL AFTER COMPLETION OF THE CROSS CONNECTION TEST, APPROVAL BY JCSD, AND ONCE APPROVAL IS PROVIDED, THE TEMPORARY WATER CONNECTION CAN BE REMOVED.

JURUPA COMMUNITY SERVICES DISTRICT

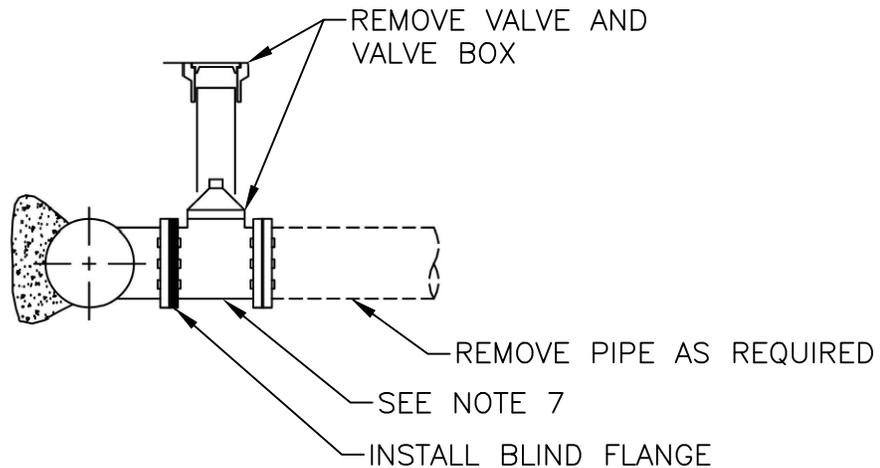
SCALE: NONE	TEMPORARY CONNECTION TO POTABLE HYDRANT DETAIL	DRAWING NO.
DATE: MARCH 2024	FOR RECYCLED/NON-POTABLE WATER LINE	R/NP-30
REV. APPROVED BY: _____	WOODARD & CURRAN IN ASSOCIATION WITH JOHN ROBINSON CONSULTING, INC. 530 TECHNOLOGY DRIVE, SUITE 100 IRVINE, CA	W.O. C215078
R.C.E 73895		

2 1/2" AND SMALLER
OPTION A

2 1/2" AND SMALLER
OPTION B



3" AND LARGER



NOTES:

1. JCSD TO DETERMINE WHETHER CORP STOP SHALL BE REMOVED (OPTION A) OR REMAIN IN PLACE (OPTION B) BASED ON EXISTING CONDITIONS.
2. WATER METER BOX TO BE REMOVED:
 - A. PARKWAY – FILL & COMPACT HOLE WITH CLEAN DIRT AND GRADE LEVEL.
 - B. SIDEWALK – REMOVE AND REPLACE CONCRETE INCLUDING CURB AND GUTTER FROM SCORE TO SCORE.
3. PLUG FOR CORPORATION STOP MUST BE INSPECTED BY JCSD REPRESENTATIVE FOR INTEGRITY.
4. JCSD FORCES TO REMOVE EXISTING WATER METER.
5. PLUG ENDS OF ABANDONED COPPER SERVICE, ABANDON-IN-PLACE, UNLESS NOTED OTHERWISE.
6. BRASS END CAP BY FORD METER BOX. 1" MODEL CAP-2-4-NL. 3/4" MODEL CAP-24-3-NL.
7. FOR NON-ACTIVE VALVES, CONTRACTOR TO INSTALL A TREATED 2x4 STICK OF LUMBER CUT TO FIT DEPTH INTO THE VALVE CAN. END OF LUMBER TO BE PAINTED RED. VALVE COVER TO BE PAINTED RED. CONTRACTOR TO PROVIDE GPS COORDINATES OF VALVE LOCATION TO JCSD.

JURUPA COMMUNITY SERVICES DISTRICT

SCALE: NONE

DATE: MARCH 2024

APPROVED BY:

R.C.E 73895

WATER METER SERVICE ABANDONMENT

WOODARD & CURRAN
IN ASSOCIATION WITH JOHN ROBINSON CONSULTING, INC.

530 TECHNOLOGY DRIVE, SUITE 100

IRVINE, CA

DRAWING NO.

D-9

W.O. C215078

REV.