

ADDENDUM NO. 2

**NEAR-TERM WATER IMPROVEMENTS
PROJECT NO. 24171 & 24173**

This addendum is hereby made a part of the project contract documents. It shall be the responsibility of the general contractor to inform any affected sub-bidder of the content of this addendum.

The contract documents are modified/clarified as follows:

1. Bid Proposal

Replace the Bid Proposal with attached, revised Bid Proposal.

Bid Sheet has been revised to reflect changes from Addendum No. 1

Project 24171 – Item 21 Utility Potholes

Project 24173 – Item 1 Utility Potholes

And the following changes from this Addendum No. 2

Project 24173 – Item NOT USED

2. Project 24171 Special Provision Section 2-01E Traffic Control Restrictions

Add:

Franklin Drive and Tom Burnett Lane can each be closed for pipe installation with detours for local traffic. One street must remain open at all times. Submit traffic control plans for City's review per Section 2-01D – Traffic Control Plan of the Special Provisions.

3. Project 24171 Special Provision Section 14-02B.2 12" Pressure Reducing and Surge Anticipator Valve

Replace "...pressure class 300..." with "...pressure class 150...".

4. Project 24171 Special Provision Section 14-02L City Supplied Materials

Replace in its entirety with:

City is supplying 24" gate valve and blind flange only. No bolts are being supplied. City is not supplying any material for Turnout No. 4.

5. Project 24173 Special Provision Section 1-33A Bid Item Measurement and Payment Descriptions Bid Item No. 3 - 12-inch DIP (HDSS)

Item is deleted.

All 12-inch DIP (HDSS) is included in Bid Item No. 7.

6. Project 24171 Plan Sheet C-3

Add Note 3 to NOTES:

Install 1" polyethylene sensing line from pressure reducing valve to a 1" service tap on 18" DIP between 18"x16" cross/gate valve and 18"x 12" flushing tee. Place near gate valve. 1" tap per City Standard Drawing 301.

7. Project 24171 Plan Sheet C-5

Remove Construction Note No. 69 in its entirety.

8. Project 24171 Plan Sheet C-6

Replace Sheet with attached, revised Sheet C-6

Undercrossing Details 2 & 3 have been revised to clarify "TR Flex or HDSS pipe with TR Flex fittings or Approved Equals" are required.

9. Project 24173 Plan Sheet CD-8

Replace Sheet with attached, revised Sheet CD-8

Undercrossing Details 2 has been revised to clarify "TR Flex or HDSS pipe with TR Flex fittings or Approved Equals" are required.

Requests for Information:

10. Question: Will City consider butterfly valves in lieu of gate valves as height from centerline of pipe to top of operating nut may conflict with desired minimum pipe cover?

Answer: See City Standard Specification 14-02D – Valves and Special Provision 23-01K. Depth of pipe will be adjusted, if necessary, to accommodate gate valves.

11. Question: Please confirm night work is required on Sunol Boulevard from STA 25+00 to 36+00 and STA 48+50 to 54+67.

Answer: Correct.

12. Question: For Project 24171 can the 18" gravity flushing line on Sheets C-3 and C-9 be connected to the barrel of the existing sewer manhole or is it required to be connected to the base?

Answer: The profile of this line will be set after potholing. The intent is to place this line as shallow as possible while maintaining required separations to potable facilities and to enter the sewer manhole barrel.

13. **Question:** Please confirm laydown yards can be accessed at night for night work operations.
- Answer:** Correct.
14. **Question:** Please confirm the existing vault and material covered under Note 12 on Sheet C-1 is to be removed and disposed of per Addendum No. 1.
- Answer:** Correct.
15. **Question:** Please confirm there are no anodes required for Sunol Boulevard work under Project 24173.
- Answer:** Correct.
16. **Question:** Under what Bid Item should the sump pump required for Project 24171 be included?
- Answer:** The cost of the sump pump shall be considered to be included in the various Turnout Bid Item Nos. 11 through 19 and no separate payment will be made.
17. **Question:** It appears for Project 24173 20-inch HDSS pipe is double counted under Item No. 2 20-inch DIP (HDSS) and Lump Sum Item Nos. 4, 5, 6, and 8. Please clarify.
- Answer:** Item No. 2 is a measured quantity and lengths paid under this item will exclude lengths of pipe required for Item Nos. 4, 5, 6, and 8.
18. **Question:** For Project 24171, is there additional information available for the PG&E tie-in work in terms of location of tie-in?
- Answer:** No, please refer to measurement and payment clauses for Bid Item No. 95.

All other items of work in the contract document remain unchanged. Acknowledgement and a signed copy of this Addendum shall be included in the Bid Proposal.



Adam M. Nelkie
City Engineer

ACKNOWLEDGED:

Company

Date: _____

By: _____

Title: _____

END OF ADDENDUM NO. 2

BID PROPOSAL

Near-Term Water Improvements Project No. 24171 & 24173

DATE: _____

Proposal of _____ (hereinafter called "Bidder") a _____ organized and existing under the laws of the State _____, doing business as _____, to the City of Pleasanton, City Clerk, 123 Main Street, Pleasanton, California (hereinafter called "City").

Ladies and Gentlemen:

The Bidder, in compliance with the invitation for bids for the **NEAR-TERM WATER IMPROVEMENTS, PROJECT NO. 24171 & 24173**, City of Pleasanton, having examined the Plans and Specifications and related documents and the premises of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project including the availability of materials and supplies, declares that this proposal is made without collusion with any other person, firm or corporation and agrees to construct the project in accordance with the contract documents, within the time set forth therein, and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the Contract Documents, of which this Bid Proposal is a part.

Work Completion

For Project No. 24171:

Bidder shall complete all work designated as Phase 1 by June 30, 2024.

Bidder shall complete all work designated as Phase 2 within one-hundred-and-ten (110) working days after the start of work.

Bidder will be given separate "Notice to Proceed" to start Phase 3 dependent on prepacked booster station fabrication and shall commence work within fifteen (15) calendar days of notification. Notification is expected to be given between February and May, 2025.

Bidder shall complete all work designated as Phase 3 within sixty (60) working days after start of Phase 3 work.

For Project No. 24173:

Bidder shall complete all work within one-hundred-and-seventy (170) working days after the start of work.

Liquidated Damages

For Project No. 24171:

Bidder shall pay as liquidated damages in the sum of **\$2,000** per calendar day should the successful bidder fail to complete the work designated as Phase 1 by June 30, 2024.

Bidder shall pay as liquidated damages in the sum of **\$4,500** per calendar day should the successful bidder fail to complete the work designated as Phase 2 within one hundred ten (110) working days.

Bidder shall pay as liquidated damages in the sum of **\$2,000** per calendar day should the successful bidder fail to complete the work designated as Phase 3 within sixty (60) working days.

For Project No. 24173:

Bidder shall pay as liquidated damages in the sum of **\$4,500** per calendar day should the successful bidder fail to complete the work within one hundred seventy (170) working days.

Liquidated damages will accrue separately and are additive for failure to complete the work or phases of work within the above time limits.

Bidder acknowledges receipt of the following addendum:

<u>No.</u>	<u>Date</u>	<u>No.</u>	<u>Date</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Bidder to perform all of the work described in the Contract Documents for the total bid amount entered.

Bid Table on Next Page

Project No. 24171

Item No.	Quantity (Approximate)	Unit of Measure	Item Description	Unit Price	Total
1	1	LS	Mobilization		
2	1	LS	Traffic Control		
3	1	LS	Site Demolition, Finished Site Work and Grading		
4	1	LS	Trench Shoring		
5	1	LS	Zone 7 Connection		
6	1	EA	Turnout 9' x 13' Precast Concrete Vault with Access Hatch		
7	1	EA	8" Sch 40 PVC Vent Pipe and Fittings with 2' Cover		
8	1	EA	12" Diameter x 36" High Armorcast Standpipe Vent with 24 Vent Slots, Model P6002712, or equal		
9	1	LS	Concrete Slab for Package Pump Station – Size and Reinforcement per Foundation Plan		
10	1	LS	Fluoride Improvements (New 500-gallon Fluoride Chemical Tank and Fittings, Containment Curb Modifications, New Fluoride Vault, and Removal of Old Equipment)		
11	2	EA	14" FLG x PE DI Spool		
12	1	EA	14" FLG x FLG Gate Valve		
13	2	EA	Rosemount Model 8712E Pressure Transmitter with 125/150 FLG Drilling		
14	1	EA	14" FLG x FLG Rosemount Flow Meter, Model 8705		
15	1	EA	14" Dezurik VPB V-Port Ball Valve with ANSI 150 Flanges, Rotork Electric Motor, and Operator IQTM2000 Modulating 480 Vac Main Voltage		
16	1	EA	14" FLG x FLG DI Spool		
17	1	EA	Water Sampling Tap		
18	1	EA	14" Dismantling Joint, Romac Model DJ400 or Equal with Tie Rods		
19	1	EA	14" Combination Pressure Reducing Check Valve, Cla-Val Model 94-01		
20	3,200	LF	24" C900 DR18 (Class 235) FPVC Discharge Piping		
21	60	EA	Utility Potholes		

Item No.	Quantity (Approximate)	Unit of Measure	Item Description	Unit Price	Total
22	210	LF	18" DIP, Class 350		
23	200	LF	16" DIP, Class 350		
24	35	LF	24" DIP, Class 350		
25	1	EA	6" Gate Valve, FLG x MJ		
26	2	EA	12" Gate Valve, FLG x FLG		
27	2	EA	12" Gate Valve, FLG x RMJ		
28	2	EA	16" Gate Valve, FLG x MJ		
29	2	EA	16" Gate Valve, FLG x RMJ		
30	4	EA	18" Gate Valve, FLG x RMJ		
31	1	EA	Install City Furnished 24" Gate Valve, FLG x RMJ		
32	1	EA	24" x 16" DIP Reducer, FLG x MJ		
33	1	EA	12" x 6" DIP Reducer		
34	1	EA	16" x 14" FLG x FLG DI Concentric Reducer with MJ Restraint for DIP, EBAA Iron Series 1100 or Equal		
35	1	EA	18" x 14" FLG x FLG DI Concentric Reducer with MJ Restraint for DIP, EBAA Iron Series 1100 or Equal		
36	2	EA	24" x 12" FLG x FLG DIP Reducer		
37	1	EA	24" x 16" DIP Reducer FLG x FLG		
38	1	EA	24" x 18" DIP Reducer FLG x FLG		
39	4	EA	16" Res Solid Sleeve		
40	3	EA	12" Transition Coupling		
41	1	EA	12" MJ DI 45° Elbow with MJ Restraint for DIP, EBAA Iron Series 1100 or Equal		
42	1	EA	16" 45° Elbow, FLG x FLG		
43	1	EA	18" MJ DI 45° Elbow with MJ Restraint for DIP, EBAA Iron Series 1100 or Equal		
44	1	EA	18" MJ DI 90° Elbow with MJ Restraint for DIP, EBAA Iron Series 1100 or Equal		
45	2	EA	18" DI 45° Elbow RMJ		
46	1	EA	18" FLG x MJ DI 45° Elbow with MJ Restraint for DIP, EBAA Iron Series 1100 or Equal		
47	3	EA	24" DI 45° Elbow FLG		
48	4	EA	24" DI 11.25° Elbow RMJ		
49	1	EA	18" x 12" Tee FLG		
50	2	EA	16" Tee FLG x FLG x RMJ		
51	1	EA	16" x 16" x 12" Tee with Blind Flange		

Item No.	Quantity (Approximate)	Unit of Measure	Item Description	Unit Price	Total
52	1	EA	24" Tee FLG		
53	1	EA	24" x 12" MJ x FLG Tee		
54	1	EA	24" DIP Cross		
55	1	EA	18" x 16" DIP Cross		
56	1	EA	18" x 12" DIP Cross		
57	1	EA	12" FL x PE 5' Spool		
58	1	EA	12" FLG x PE Spool with Transition CPLG		
59	1	EA	16" FCA ACP OD		
60	4	EA	16" Solid Sleeve RMJ		
61	3	EA	16" FLG x PE DI Spool		
62	2	EA	12' DI Spool 5'		
63	1	EA	16" DI Spool 8'		
64	1	EA	16" DI Spool 3'		
65	4	EA	16" FLG x MJ Adapter		
66	3	EA	18" DIP Spools – var. lengths		
67	1	EA	18" FLG x PE Spool – 2'		
68	1	EA	24" FLG x MJ Adapter		
69	5	EA	2" Combination Air Valve Assembly		
70	1	EA	Fire Hydrant Assembly per City Std. No 307		
71	3	EA	Pipe Supports		
72	1	LS	Jack and Bore Crossing (including 24" FPVC installed, 42" Steel Casing, and Jacking and Receiving Shafts pipe and fittings)		
73			Not used		
74	1	LS	Striping/Markings		
75	1	LS	Water Main Abandonment		
76	1	LS	Remove Pipe		
77	1	LS	BMPs/Storm Water Pollution Control Plan		
78	12	EA	Cathodic Test Stations		
79	41	EA	30# or 18# Anode Bags		
80	1	LS	Flushing Station (Gooseneck and Inlet Box)		
81	1	LS	Install Package Booster Pump Station Furnished by Supplier		
82	1000	LF	24" FPVC Vertical Depth Adjustments (0FT to 2FT)		
83	100	LF	24" FPVC Vertical Depth Adjustments (2FT to 4FT)		
84	10	LF	24" FPVC Vertical Depth Adjustments (4FT to 6FT)		

Item No.	Quantity (Approximate)	Unit of Measure	Item Description	Unit Price	Total
85	10	LF	24" FPVC Vertical Depth Adjustments (6FT to 8FT)		
86	100	LF	18" DIP Vertical Depth Adjustments (0FT to 2FT)		
87	50	LF	18" DIP Vertical Depth Adjustments (2FT to 4FT)		
88	10	LF	18" DIP Vertical Depth Adjustments (4FT to 6FT)		
89	10	LF	18" DIP Vertical Depth Adjustments (6FT to 8FT)		
90	75	LF	16" DIP Vertical Depth Adjustments (0FT to 2FT)		
91	10	LF	16" DIP Vertical Depth Adjustments (2FT to 4FT)		
92	10	LF	16" DIP Vertical Depth Adjustments (4FT to 6FT)		
93	10	LF	16" DIP Vertical Depth Adjustments (6FT to 8FT)		
94	1	LS	Electrical System		
95	250	LF	PG&E Conduit from transformer to PG&E Tie-In. two 3" conduit and one pull box		

Project No. 24173

Item No.	Quantity (Approximate)	Unit of Measure	Item Description	Unit Price	Total
1	40	EA	UTILITY POTHoles		
2	4468	LF	20-inch DIP (HDSS)		
3			NOT USED		
4	1	LS	Sta 10+00.00 TIE-IN		
5	1	LS	Sta 15+34.15 60" CMP SD CROSSING		
6	1	LS	Sta 30+00.00 BORE AND JACK CASING AND CARRIER PIPE		
7	1	LS	Sta 50+76.23 FLUSHING CONNECTION		
8	1	LS	Sta 54+67.86 TIE-IN		
9	2	EA	12" GATE VALVE		
10	5	EA	20" GATE VALVE		
11	2	EA	20" DIP 22.5° FITTING		
12	4	EA	20" DIP 11.25° FITTING		
13	2	EA	20" X 8" DIP TEE FITTING		
14	3	EA	COMBINATION AIR VALVE		
15	4	EA	CP TEST STATION		
16	300	LF	VERTICAL DEPTH ADJUSTMENTS (0FT TO 2FT)		
17	100	LF	VERTICAL DEPTH ADJUSTMENTS (2FT TO 4FT)		
18	10	LF	VERTICAL DEPTH ADJUSTMENTS (4FT TO 6FT)		
19	10	LF	VERTICAL DEPTH ADJUSTMENTS (6FT TO 8FT)		
20	1	LS	STRIPING/MARKINGS		
21	1	LS	TRAFFIC CONTROL PLAN		
22	1	LS	BMP's/STORM WATER POLLUTION CONTROL PLAN		
23	1	LS	TRENCH SHORING		
TOTAL				\$	

Note: The Bidder acknowledges that the total amount set forth above is for the entire project as represented by the Contract Documents regardless of itemization. Basis of bid comparison will be the Total Bid Amount.

Attached is a bid guaranty bond duly completed by a guaranty company authorized to carry on business in the State of California in the amount of at least ten percent (10%) of the total amount of the bid, or alternately, there is attached a certified or cashier's check payable to the City in the amount of at least ten percent (10%) of the total amount of the bid.

If this Bid Proposal is accepted, bidder agrees to sign the contract and to furnish the performance bond, labor and materials bond, maintenance bond, and the required evidences of insurance within ten (10) working days after receiving written notice of the award of the contract. If bidder fails to contract as provided herein or fails to provide the bonds and/or evidence of insurance, the City may at its option, determine the acceptance thereof shall be null and void, and the forfeiture of such security accompanying this Bid Proposal shall operate and the same shall be the property of the City of Pleasanton.

This Bid Proposal shall be good and may not be modified, withdrawn or canceled for a period of ninety (90) calendar days after the date of the City's opening of bids.

Bidder hereby certifies that the licensing information hereinafter stated is true and correct. Bidder further agrees, if the bid is accepted and a contract for performance of the work is entered into with the City, to so plan work and to prosecute it with such diligence that the work shall be completed within the time stipulated in the agreement. Under the penalty of perjury bidder affirms that, to the best of bidder's knowledge, the representations made in this bid are true.

Bidders are required by law to be licensed and regulated by the contractors' State License Board. Any questions concerning a contractor may be referred to the Registrar, Contractors' State License Board.

It is a misdemeanor for any person to submit a bid to a public agency in order to engage in the business or act in the capacity of a contractor within this state without having a license therefor, except for specific cases outlined in Business and Professions Code, Section 7028.15.

Name of Bidder

Contractor's License Number

Signature of Bidder

Expiration Date

Print Name

Address of Bidder

Title of Signatory

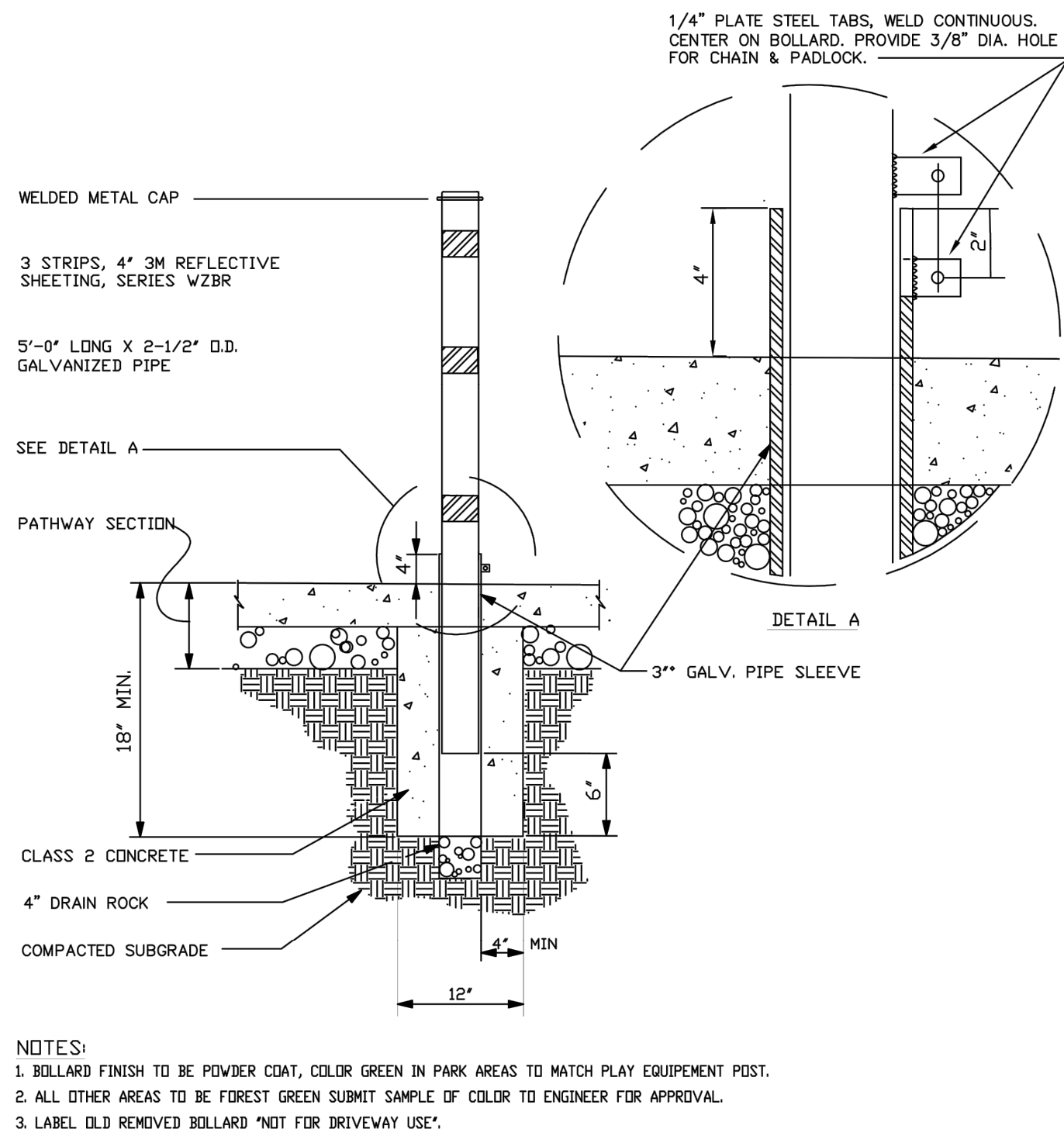
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State of Incorporation

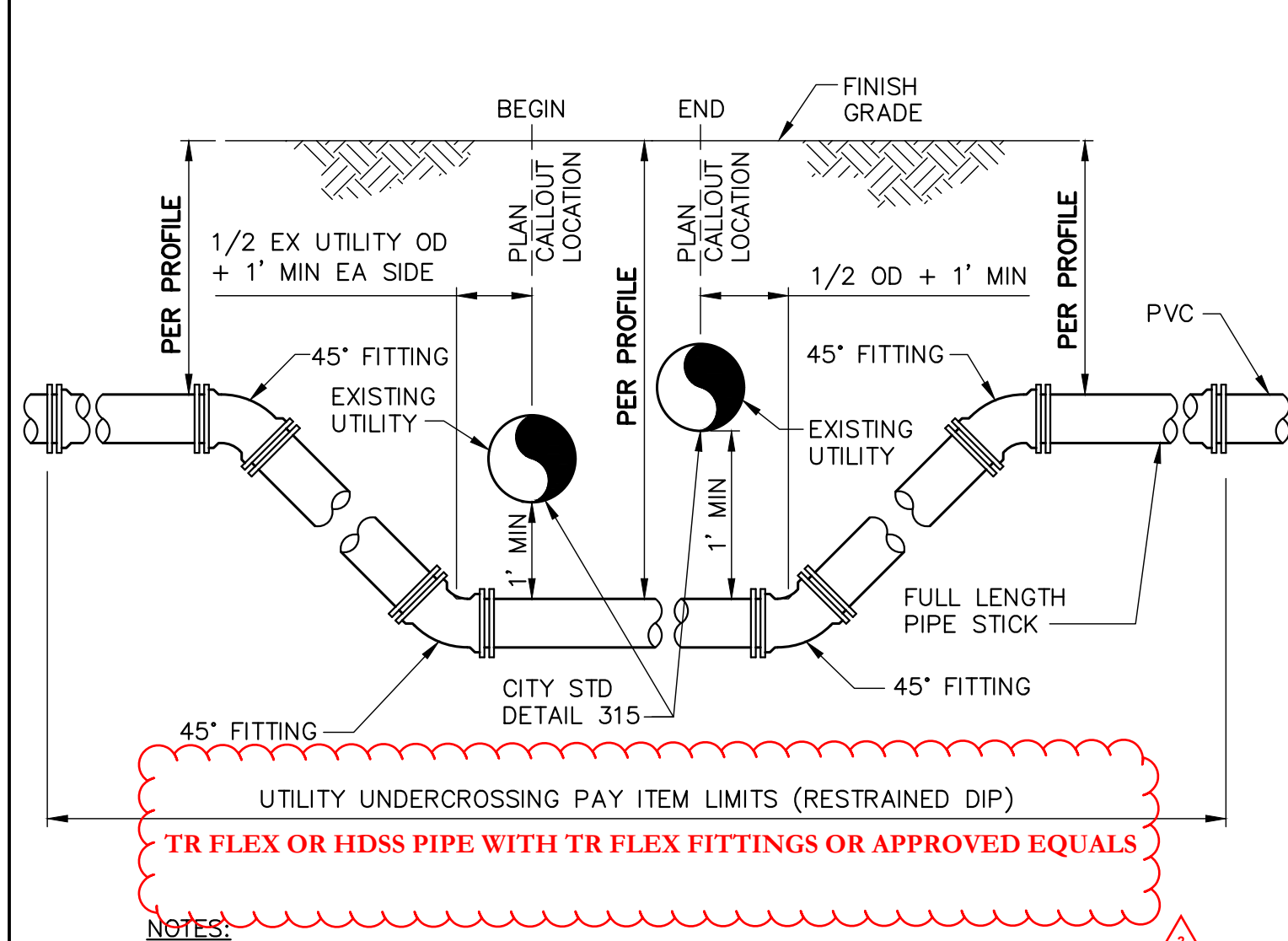
Telephone Number

DIR Registration Number

Contractor's Email Address

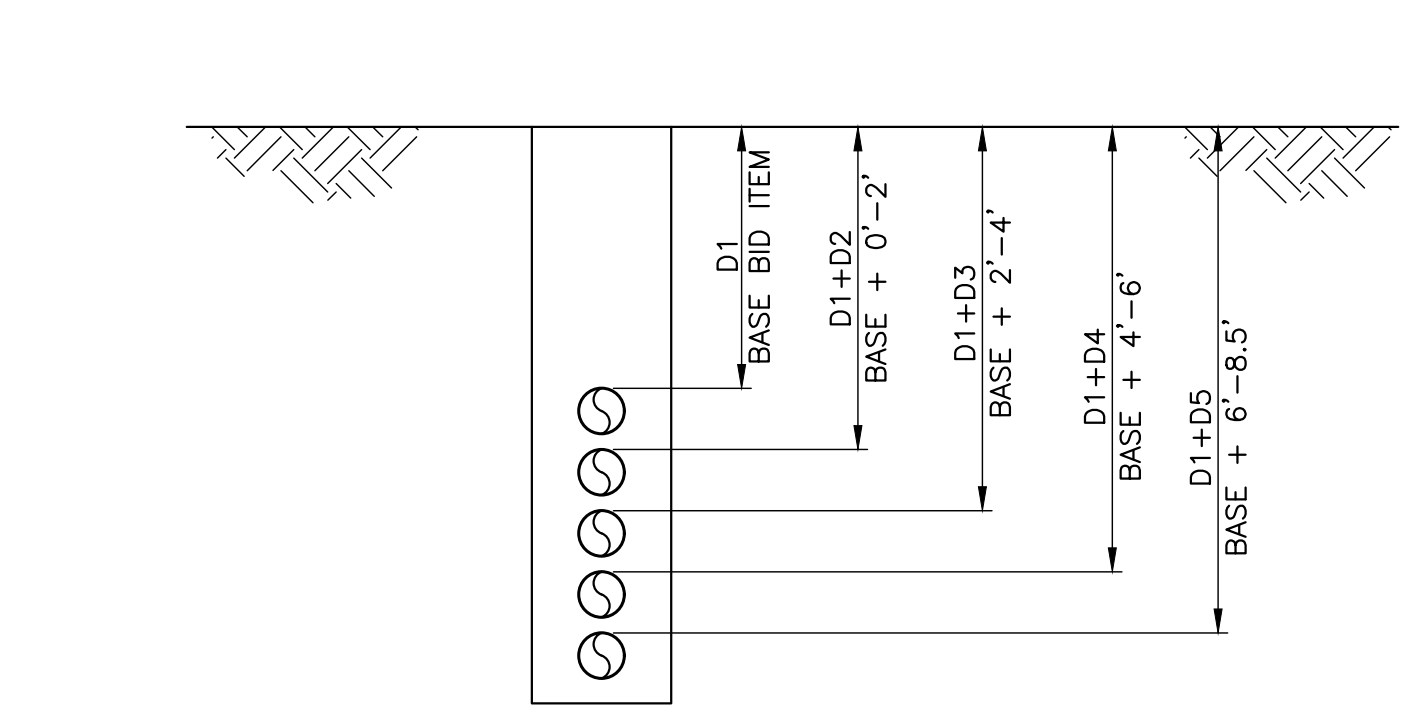
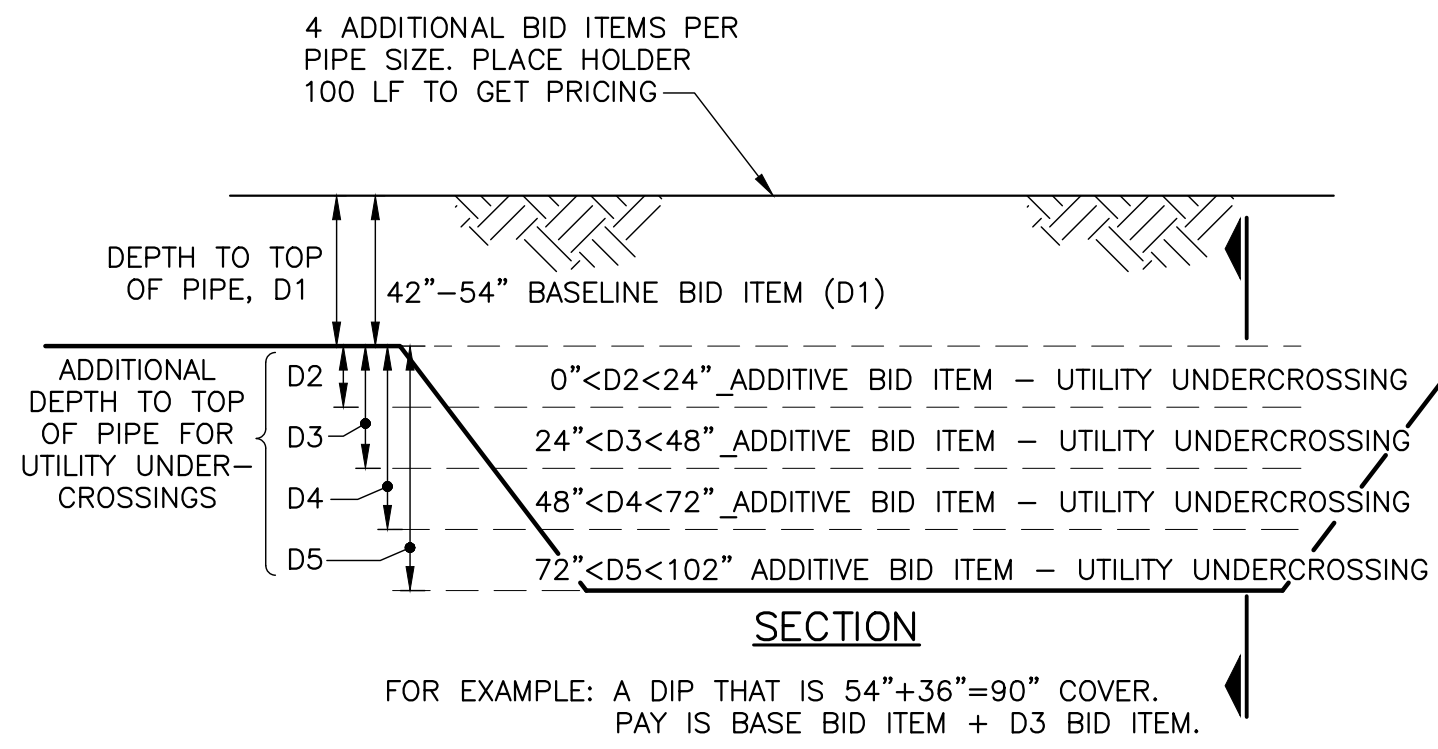


CITY STANDARD DWG 126
REMOVABLE BOLLARD 1 VAR
NTS



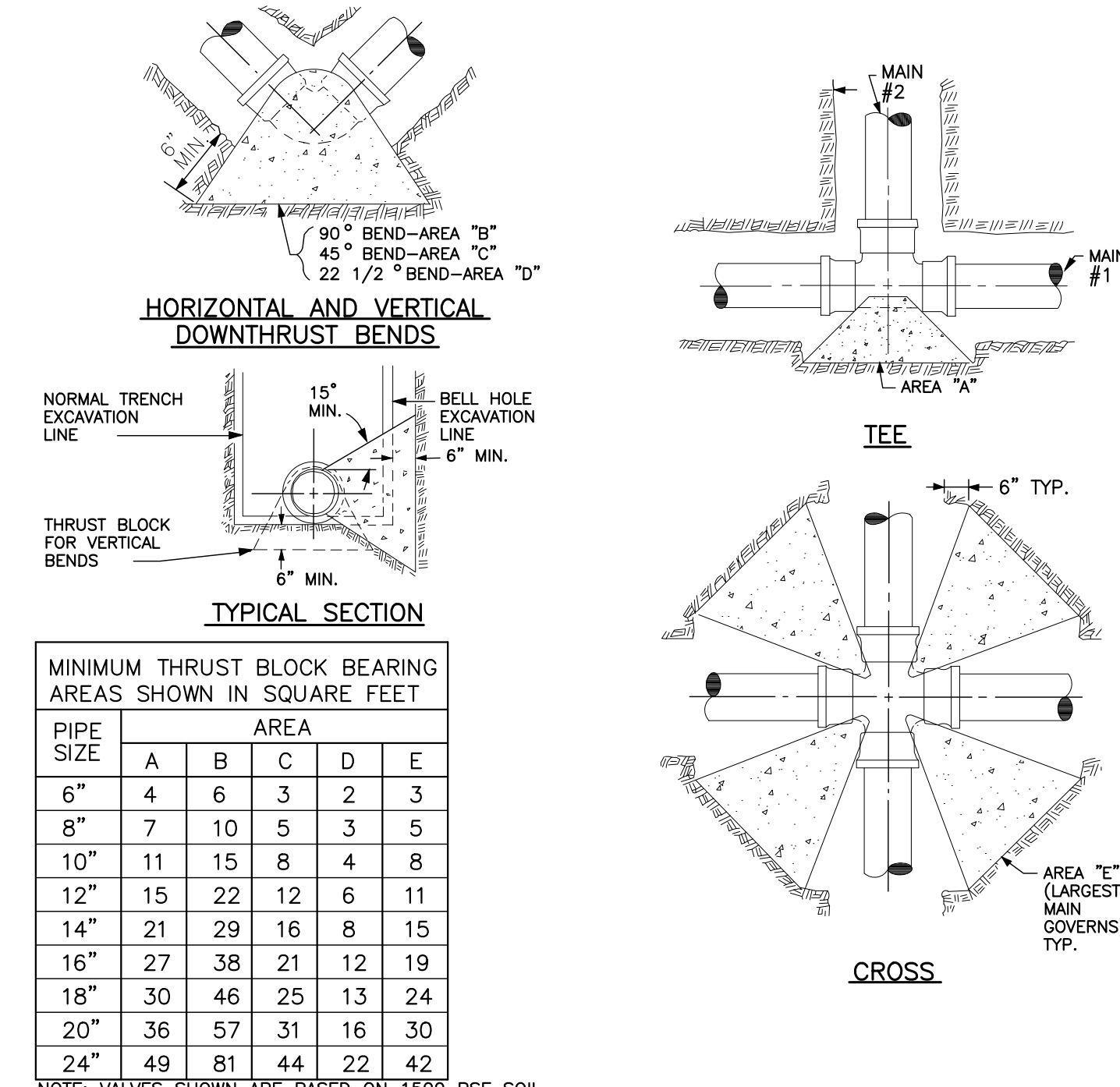
- NOTES:**
1. CONTRACTOR MAY SUBSTITUTE DIFFERENT FITTING DEFLECTION ANGLES, OFFSET FITTINGS OR MAY PULL JOINTS TO ACHIEVE THE CONFIGURATION. PULLED JOINTS SHALL BE LIMITED TO 75% OF PIPE MANUFACTURER'S RECOMMENDED ALLOWABLE JOINT DEFLECTION.
 2. CONTRACTOR SHALL MEET ALL PIPE SEPARATION, UTILITY CROSSING CLEARANCE AND MINIMUM COVER REQUIREMENTS INDICATED.
 3. METALLIC FITTINGS AND JOINT RESTRAINT HARDWARE, INCLUDING RMJ GLANDS, SHALL BE CATHODICALLY PROTECTED.
- 3. ALL PIPE AND FITTINGS TO BE CATHODICALLY PROTECTED.**

UTILITY UNDERCROSSING DETAIL 3 VAR
NTS



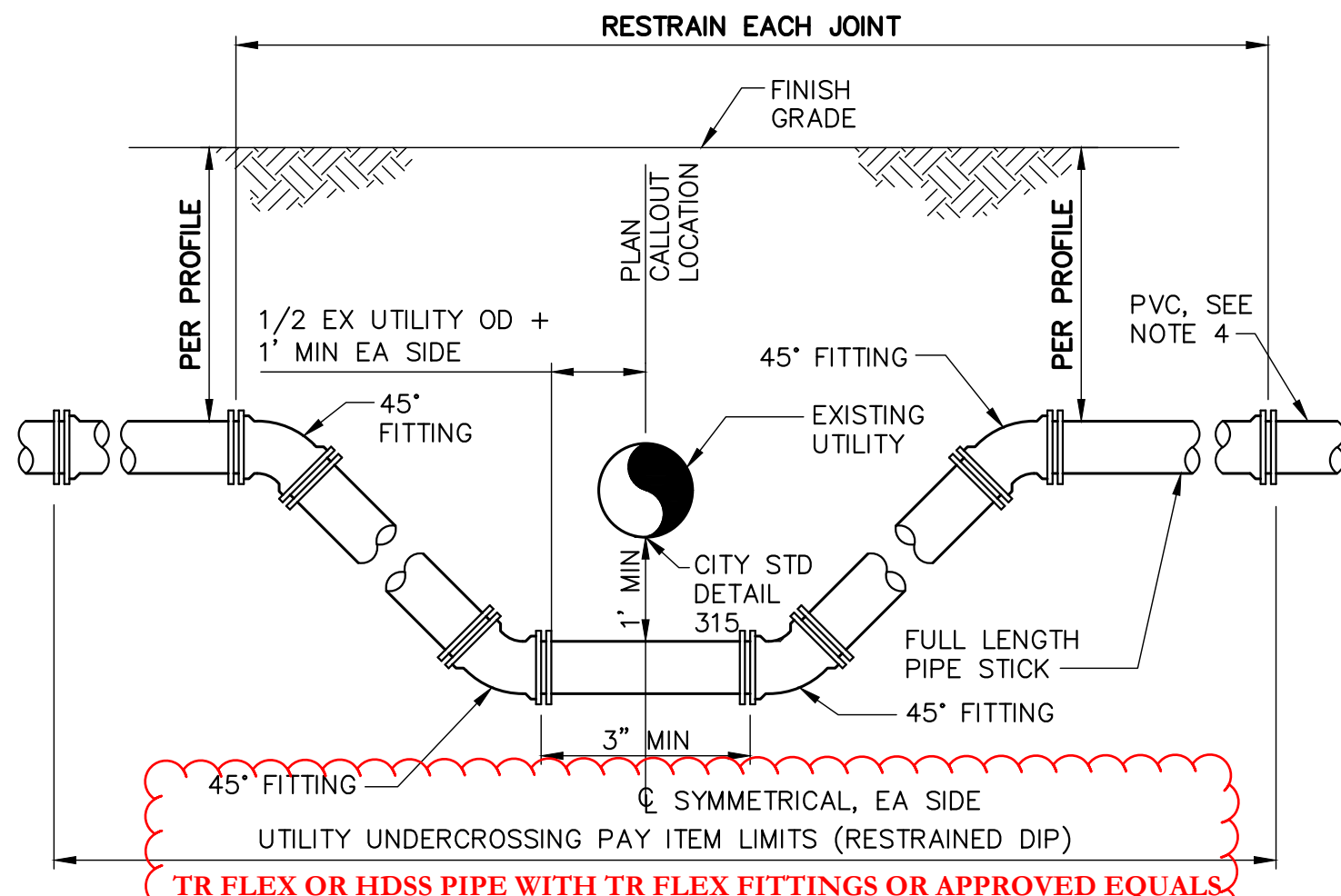
NOTE: SEE BID ITEM DESCRIPTION IN THE COMPLETE LIST OF COST COMPONENTS.

PAY ITEM SCHEMATIC FOR UTILITY UNDERCROSSINGS 5
NTS



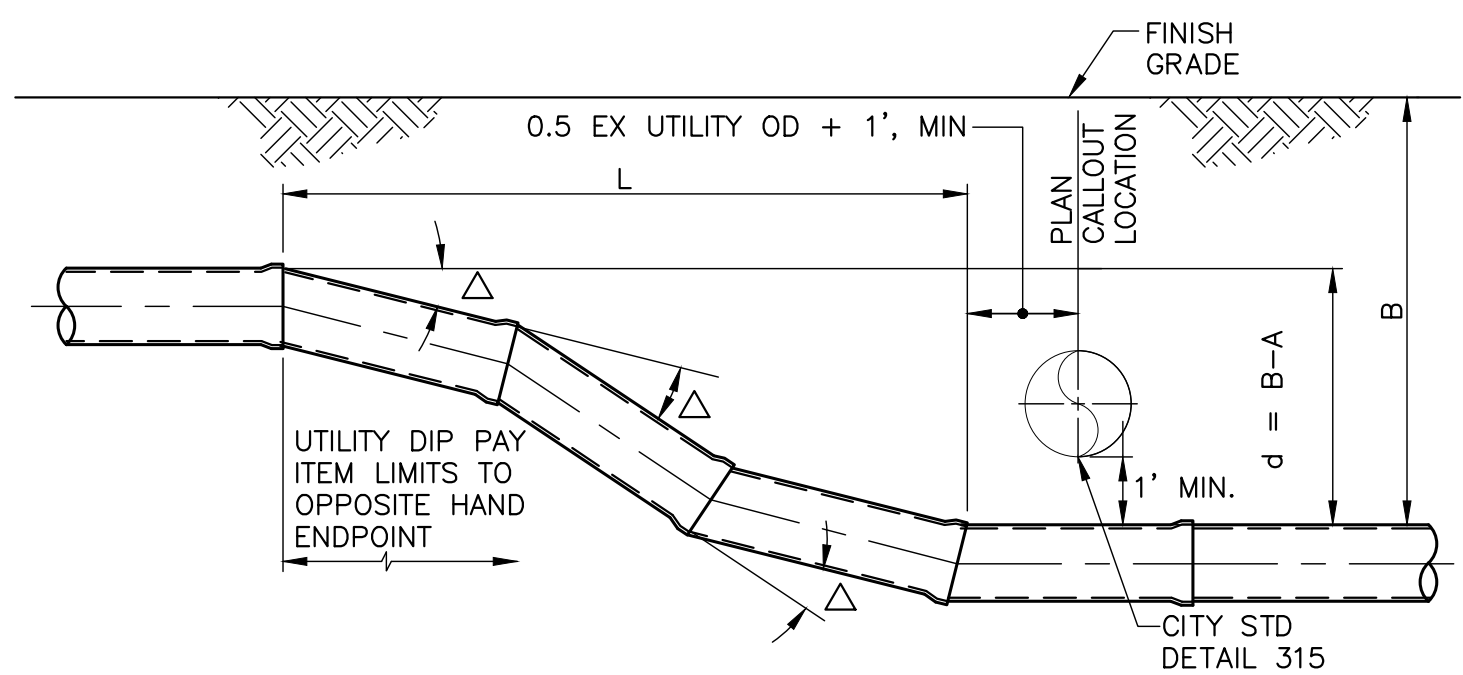
- NOTE:** VALVES SHOWN ARE BASED ON 1500 PSF SOIL BEARING PRESSURE AND 200 PSI TEST PRESSURE AREAS.
- NOTES:**
1. THRUST BLOCK SHALL BE CLASS 2 P.C.C.
 2. CONCRETE SHALL NOT EXTEND BEYOND FACE OF BELL FOR SLIP-ON JOINTS NOR INTERFERE WITH FLANGES, NUTS OR BOLTS ON FLANGED JOINTS.
 3. A MINIMUM OF 24 HOURS CURING TIME REQUIRED BEFORE WATER INTRODUCED INTO LINE.
 4. A MINIMUM OF 7 DAYS CURING TIME REQUIRED BEFORE PRESSURE TEST.
 5. BACK AND BOTTOM OF THRUST BLOCKS TO BE POURED AGAINST UNDISTURBED EARTH.
 6. KEEP BOLT UP AREAS FREE OF CONCRETE FOR EASE OF ACCESS.
 7. CONTRACTOR IS RESPONSIBLE FOR ALL THRUST BLOCK LOCATIONS.
 8. THIS DETAIL IS TO BE USED AS A DESIGN GUIDE ONLY. ACTUAL SIZE OF THRUST BLOCK TO BE DETERMINED BY THE ENGINEER.

TYPICAL THRUST BLOCKS DETAIL 7 VAR
NTS



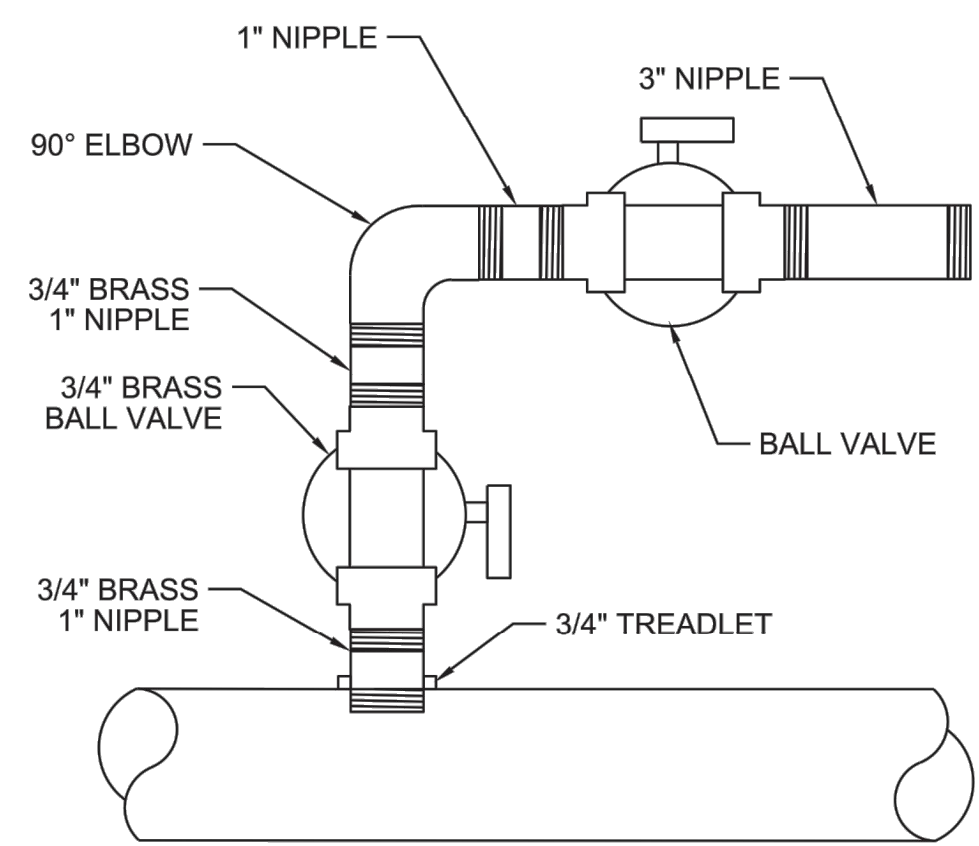
- NOTES:**
1. CONTRACTOR MAY SUBSTITUTE DIFFERENT FITTING DEFLECTION ANGLES, OFFSET FITTINGS OR MAY PULL JOINTS TO ACHIEVE THE CONFIGURATION. PULLED JOINTS SHALL BE LIMITED TO 75% OF PIPE MANUFACTURER'S RECOMMENDED ALLOWABLE JOINT DEFLECTION.
 2. CONTRACTOR SHALL MEET ALL PIPE SEPARATION, UTILITY CROSSING CLEARANCE AND MINIMUM COVER REQUIREMENTS INDICATED.
 3. METALLIC FITTINGS AND JOINT RESTRAINT HARDWARE, INCLUDING RMJ GLANDS, SHALL BE CATHODICALLY PROTECTED.
- 3. ALL PIPE AND FITTINGS TO BE CATHODICALLY PROTECTED.**

UTILITY UNDERCROSSING DETAIL 2 VAR
NTS

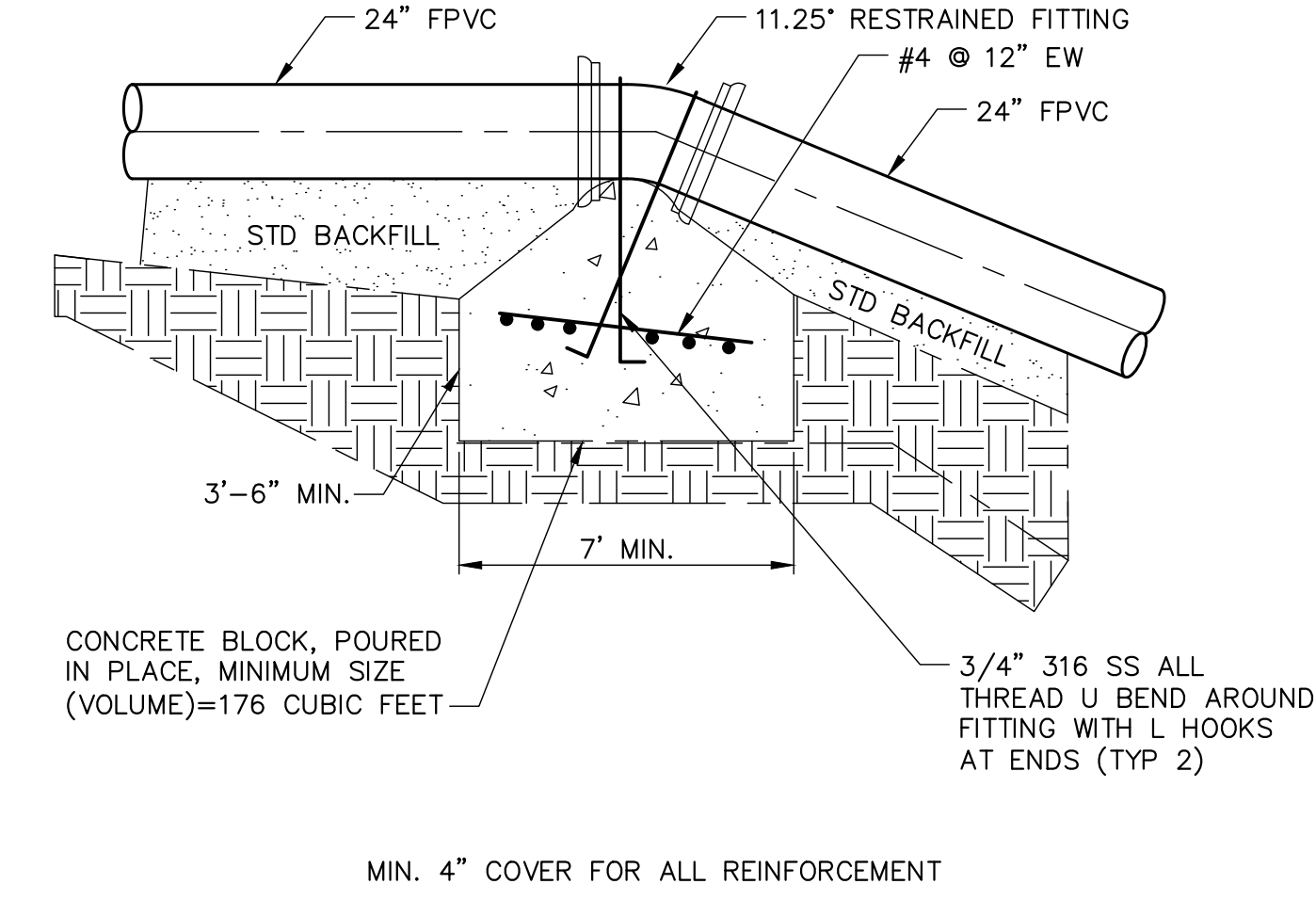


- NOTES:**
1. SEE PLANS FOR INVERT ELEVATIONS.
 2. CONTRACTOR SHALL MEET ALL PIPE SEPARATION, UTILITY CROSSING CLEARANCE AND MINIMUM COVER REQUIREMENTS INDICATED.
 3. PULLED JOINTS SHALL BE LIMITED TO 75% OF PIPE MANUFACTURER'S RECOMMENDED ALLOWABLE JOINT DEFLECTION.
 4. ASSUMES MAXIMUM JOINT DEFLECTION SHOWN. VERIFY WITH PIPE MANUFACTURER.
 5. ASSUMES FULL 20 FT PVC OR DIP PIPE SECTION LENGTHS.

UTILITY UNDERCROSSING DETAIL 4 VAR
NTS



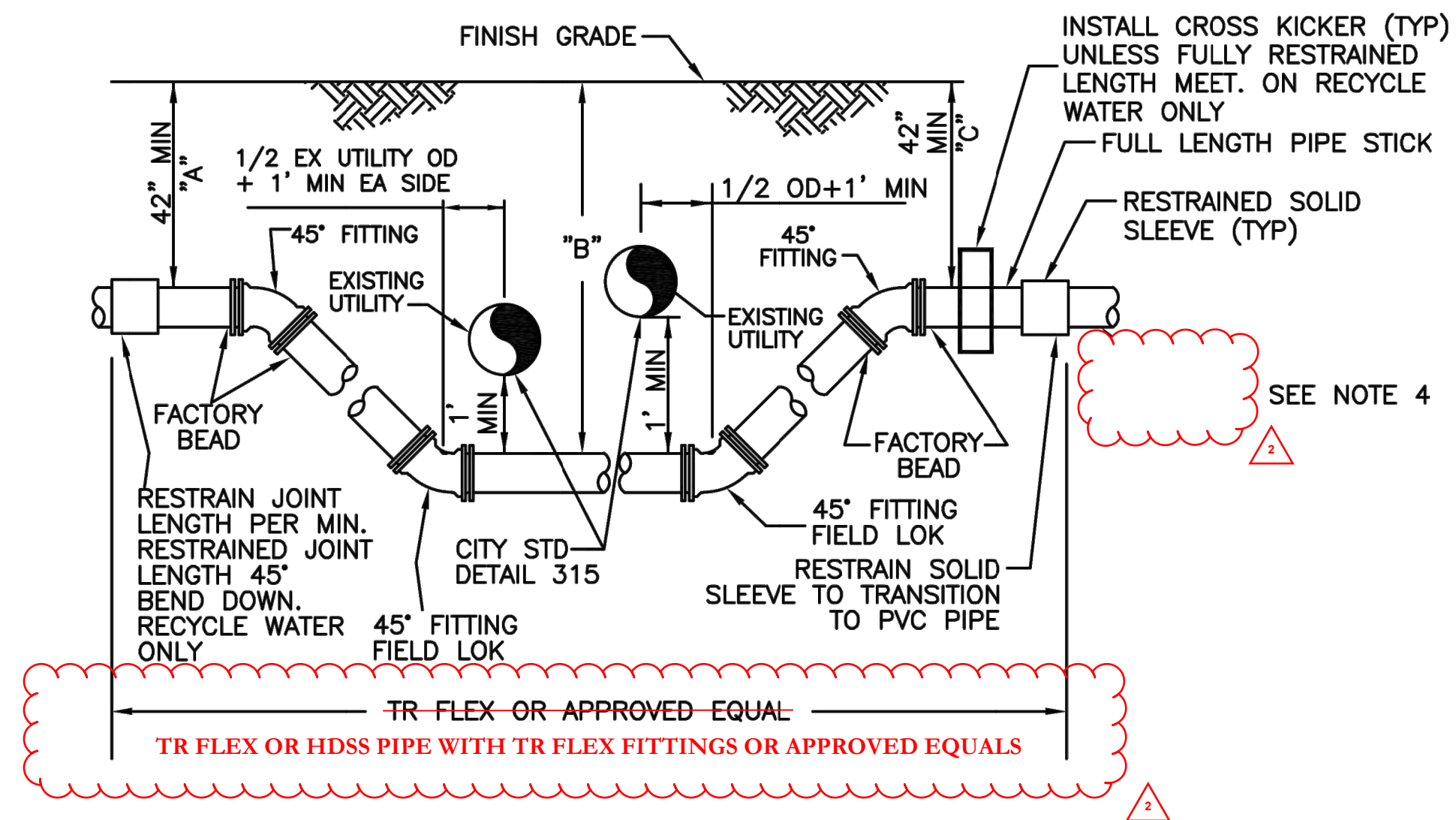
3/4" WATER SAMPLING TAP DETAIL 6 VAR
NTS



REVERSE THRUST BLOCK (GRAVITY THRUST BLOCK) 8 VAR
NTS



\\woodardcurran.net\shared\Projects\0012541.00 Pleasanton_2023 TA Booster Station\wp18_Plan\CAD\CIVIL\6-dwg\1-26-24_01-22.ppt, sjung

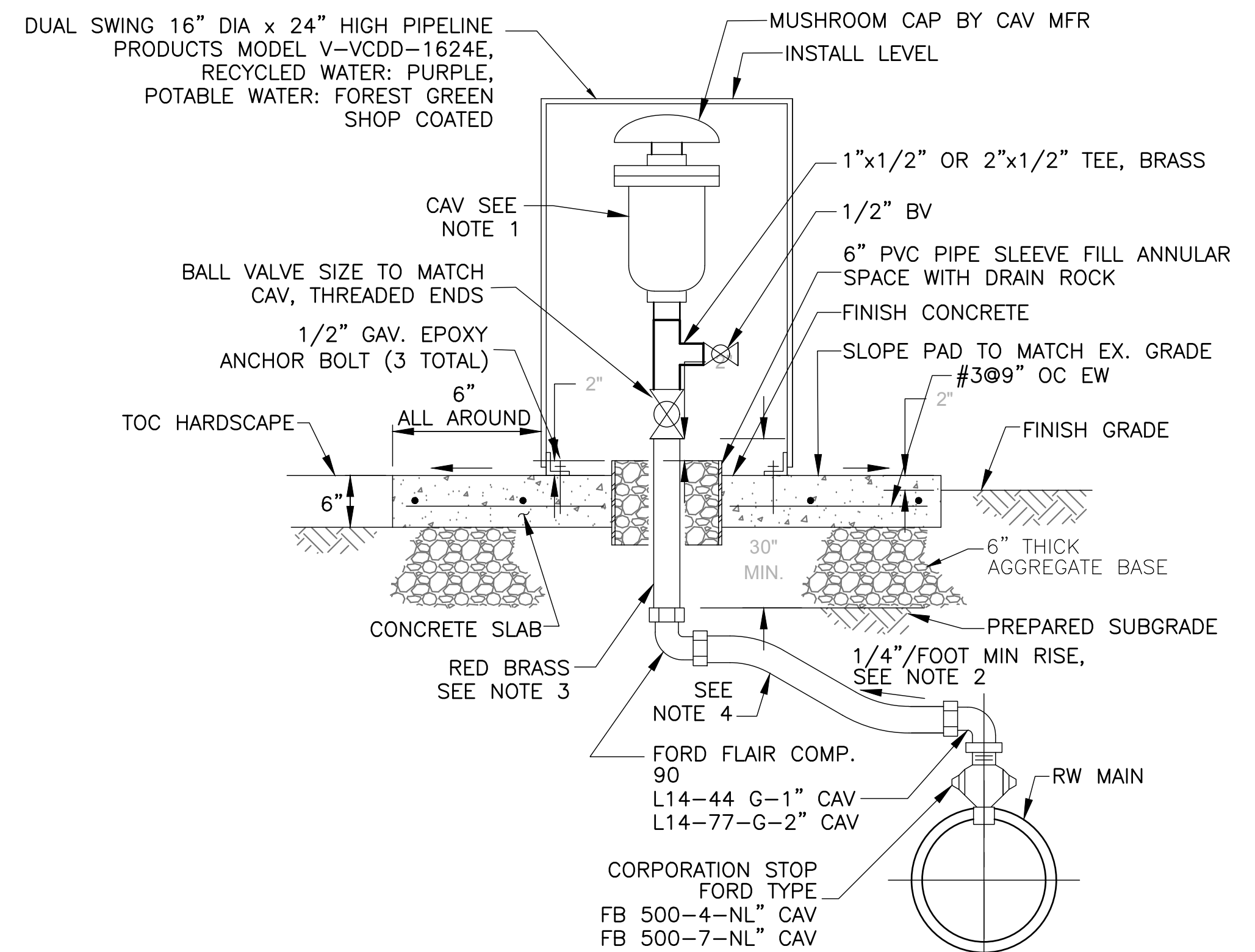


NOTES:

1. CONTRACTOR MAY SUBSTITUTE DIFFERENT FITTING DEFLECTION ANGLES, OFFSET FITTINGS OR MAY PULL JOINTS TO ACHIEVE THE CONFIGURATION. PULLED JOINTS SHALL BE LIMITED TO 75% OF PIPE MANUFACTURER'S RECOMMENDED ALLOWABLE JOINT DEFLECTION.
2. CONTRACTOR SHALL MEET ALL PIPE SEPARATION, UTILITY CROSSING CLEARANCE AND MINIMUM COVER REQUIREMENTS INDICATED.
3. RESTRAIN PER RESTRAINT JOINT LENGTH TABLE VERTICAL DOWN BEND, OR INSTALL CROSS TRENCH KICKER PER DETAIL 309.
4. THRUST BLOCKS DO NOT SHOWN FOR CLARITY.

5. BOND ALL PIPE AND FITTINGS

UTILITY UNDERCROSSING DETAIL 2



SECTION (ABOVE GROUND CAV)

COMBINATION AIR VALVE
NTS

NOTES:

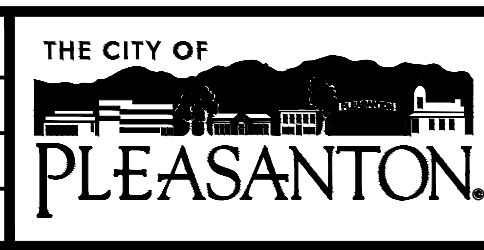
1. CAV SHALL BE APCO 143C FOR 1" TUBING AND APCO 145C FOR 2" TUBING, OR APPROVED EQUAL.
2. SERVICE LINE SHALL BE RUN IN A STRAIGHT LINE PERPENDICULAR TO PROPERTY LINE FROM MAIN TO PROPERTY LINE AND HAVE POSITIVE SLOPE.
3. 1" RED BRASS FOR 1" CAV. 2" RED BRASS FOR 2" CAV.
4. POLYETHYLENE TUBING SHALL CONFORM TO A.S.T.M. D-2737 & AWWAC-901 WITH A PRESSURE RATING OF 200 PSI AND SHALL BE "INTERSTATE POLY TUBING" OR APPROVED EQUAL. PURPLE TUBING FOR RECYCLE WATER.
5. WARNING TAPE MARKED "CAUTION RECYCLED WATER LINE BURIED BELOW" OR "PORTABLE WATER" SHALL BE INSTALLED 12" ABOVE THE WATER SERVICE.
6. TAPS FOR 2" REQUIRE A SADDLE.
7. 4" BEHIND CURB - WHERE PLANTER AREA EXISTS BETWEEN CURB AND SIDEWALK, 4" BEHIND SIDEWALK - WHERE SIDEWALK IS MONOLITHIC TO CURB.
8. FIELD COAT CAV AND ENCLOSURE W/12 MILS DFT AMINE CURED EPOXY, AMERCOAT 395 OR EQUAL. RECYCLED WATER COLOR: PURPLE PANTONE 512. POTABLE WATER COLOR: FOREST GREEN.
9. SEE PLANS FOR GENERAL PLACEMENT LOCATIONS.

CITY OF PLEASANTON STANDARD DETAILS	
UTILITY UNDERCROSSING DETAIL 2	
DATE: 10/16	DWG NO. 318

REVISED 1/24	CITY OF PLEASANTON MODIFIED STANDARD DETAIL	
DRAWN BY: STAFF	COMBINATION AIR - VACUUM RELEASE VALVE ASSEMBLY	
CHECKED BY: AN	DATE: 1/24	DWG NO. 312
SCALE: N.T.S.		

I:\Pleasanton-23-00266-Sunol Blvd Water Main\CADD\Sheets\SUN_CD.dwg 11-26-24 12:33pm mcallie

REV.	DATE	DESCRIPTION
Δ	02.14.2024	ADDENDUM NO. 2



CITY OF PLEASANTON
PUBLIC WORKS DEPARTMENT



CITY OF PLEASANTON - SUNOL PIPELINE IMPROVEMENTS
CONSTRUCTION DETAILS

DESIGN: JLS	SCALE: AS SHOWN	DWG NO. CD-8
DRAWN: MC	PROJECT NO.: CIP-24173	
CHECKED:	DATE: 01/26/2024	15 OF 15
TRAFFIC ENGINEER:		