

MONTECITO WATER DISTRICT

July 15, 2021

ADDENDUM NO. 2

TO REQUEST FOR PROPOSALS
**East Valley Road Water Main Replacement
Project # P41**

DATED June 2021

Notice is hereby given to bidders that this addendum is issued to make changes to the contract documents, construction drawings, and construction specifications. The following changes shall be made to the contract documents, construction drawings, and construction specifications by the Contractor.

ADDENDUM 2:

General:

1. Bid sheet and bid items updated. Replace pages 11, 48 and 58 with the attached sheets.
 - a. 12" x 6" x 12" tees quantity adjustment.
 - b. Bid item 20 (Type II micro seal) removed.
 - c. Bid Item 22 (Contingency Item: Rock/Boulder Removal) removed.

Q&A

- Q1. The project hours are 7:00 to 4:00 PM Caltrans are both 9:00 Am to 3:00 PM + 8:00 am to 3:00 except Fridays or Holidays. What hours do we figure?
 - A1. The hours of work shall be in accordance with the chart on page 4 of 18 of the CalTrans Encroachment Permit. The CalTrans Inspector has clarified that working hours shall be between 8:00 AM to 4:00 PM Monday – Thursday and 8:00 AM to 1:00 PM on Friday. Any deviation from this will have to be preapproved by CalTrans.
- Q2. Your specs say Page 58 .18 say one sack slurry Caltrans say 2 sack, please clarify?
 - A2. Use 2 sack slurry in accordance to the CalTrans requirements.
- Q3. Same goes for the Pavement Restoration and micro seal, MWD and Caltrans are saying two different things. Please give the paving detail trench zone including minimum pipe coverage and minimum trench width.
 - A3. There are no conflicts between the CalTrans Typical Trench Detail (TR-0153) and Detail 1 on sheet 415-2. The CalTrans detail is more generalized. As shown on detail 1 of sheet 415-2, there must be a Tee cut of the existing pavement 12" beyond the limits of the excavation. Additionally, there must be a 2" grind and overlay of the entire width of the travel lane. In most areas, this is approximately 11' but may vary slightly over the length of the project. Add the attached "Limits of Grind and Overlay for Pavement Replacement" to the CalTrans Encroachment Permit.

ADDENDUM 2: East Valley Road Water Main Replacement

- Q4. It is clear we repave 12" on each side of our ditch 7" deep, what is not clear is the Tee cut requirements, MWD detail 1 sheet 415-2 and Caltrans are in conflict please clarify the tee cut requirements for the main line and laterals.
- A4. The Tee cut for the main line trench shall follow sheet 415-2 Detail 1 as described above in A3. All laterals must have a Tee cut 3' wide minimum.
- Q5. Micro seal is not mentioned in the Caltrans permit. Can the district provide a specifications and boundaries?
- A5. Remove Type II microseal from the bid. Replace the bid sheet and strike out section C1.02.17. Microseal is not needed because there will be a full lane grind and overlay.
- Q6. The Caltrans permit require the yellow paint to be tested and if it has a hazardous lead content to be abated by the contractor at no expense to Caltrans, Is there a bid item for this or can we stop short of the yellow lines?
- A6. We will stop short of the yellow lines for the grind.
- Q7. Could you please clean up the detail 2 on C14 showing the new fire hydrant location.
- A7. See attached sheet 415-14

Attachments:

Revised pages 11, 48, and 58
Revised Plan Sheet 415-10

APPROVED:



David Wong, E.I.T.
Engineering Assistant

PROJECT: EAST VALLEY ROAD WATER MAIN REPLACEMENT

BID SHEET

The cost of all labor, material and equipment necessary for the completion of the work itemized, even though not shown or specified, shall be included in the unit price for the various items shown herein. (See Section A2.07.) The District reserves the right to increase or decrease the quantity of any item or omit items as may be deemed necessary, and the same shall in no way affect or make void the contract, except that appropriate additions or deductions from the contract total price will be made at the stipulated unit price. The District further reserves the right to reject any or all bids, to waive any informality or irregularity in any bid or the bidding procedure, and to delete any items of work in the award of contract. Bidders must bid on all items in the Bid Schedule in order for their bids to be complete. The award of contract will be based upon the total bid for all items.

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	Mobilization	LS	1	\$	\$
2	Sawcut Pavement	LF	12,500	\$	\$
3	12" Ductile Iron Pipe Installation	LF	5902	\$	\$
4	6" Gate Valve	EA	12	\$	\$
5	8" Gate Valve	EA	1	\$	\$
6	10" Gate Valve	EA	1	\$	\$
7	12" Gate Valve	EA	12	\$	\$
8	6" x 6" x 6" DI Tee	EA	1	\$	\$
9	12" x 6" x 12" DI Tee (incl. hydrant tees)	EA	11	\$	\$
10	12" x 8" x 12" DI Tee	EA	1	\$	\$
11	12" x 10" x 12" DI Tee	EA	1	\$	\$
12	Connection to Existing Main (tie in)	EA	10	\$	\$
13	Fire Hydrant Assembly	EA	10	\$	\$
14	1" Service Laterals	EA	10	\$	\$
15	1-1/2" Service Laterals	EA	2	\$	\$
16	2" Service Laterals	EA	4	\$	\$
17	Sand Bedding and Pipe Encasement	CY	650	\$	\$
18	Concrete Slurry Backfill	CY	1400	\$	\$
19	Pavement Restoration	SF	24,650	\$	\$
20	Traffic Control	LS	1	\$	\$
(Total in words)				Total	\$(in figures)

(Company Name of Bidder)

MONTECITO WATER DISTRICT

**Construction Contract
Progress Payment Request - Detail**

Date:

Payment Request No:

Contract No.:

Contractor:

Project Name: EAST VALLEY ROAD WATER MAIN REPLACEMENT

ITEM NO.	DESCRIPTION	UNIT	BID QUANTITY	UNIT/ FIRM PRICE	IN PLACE THIS PERIOD		IN PLACE TOTAL	
					QTY. OR %	EXTN.	QTY. OR %	EXTN.
1	Mobilization	LS	1	\$				
2	Sawcut Pavement	LF	12,500	\$				
3	12" Ductile Iron Pipe Installation	LF	5902	\$				
4	6" Gate Valve	EA	12	\$				
5	8" Gate Valve	EA	1	\$				
6	10" Gate Valve	EA	1	\$				
7	12" Gate Valve	EA	12	\$				
8	6" x 6" x 6" DI Tee	EA	1	\$				
9	12" x 6" x 12" DI Tee (incl. hydrant tees)	EA	11	\$				
10	12" x 8" x 12" DI Tee	EA	1	\$				
11	12" x 10" x 12" DI Tee	Ea	1	\$				
12	Connection to Existing Main (tie in)	EA	10	\$				
13	Fire Hydrant Assembly	EA	10	\$				
14	1" Service Laterals	EA	10	\$				
15	1-1/2" Service Laterals	EA	2	\$				
16	2" Service Laterals	EA	4	\$				
17	Sand Bedding and Pipe Encasement	CY	650	\$				
18	Concrete Slurry Backfill	CY	1400	\$				
19	Pavement Restoration	SF	24,650	\$				
20	Traffic Control	LS	1	\$				

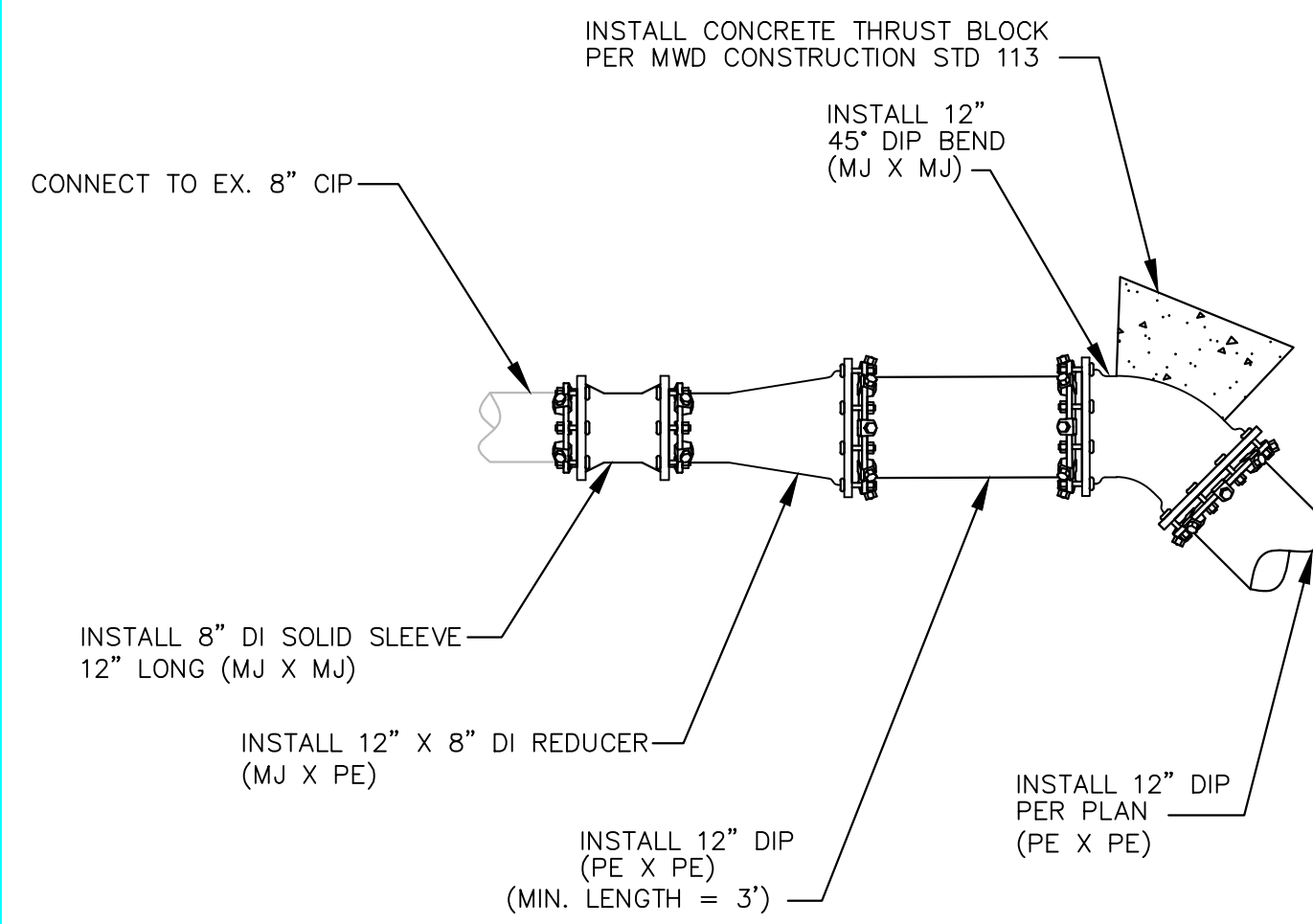
Contractor Signature

Date

required bends, bushings, and angle meter stop. All compression fittings shall be super grip. Contractor shall reconnect the new copper service lateral to the existing meter inlet.

15. 1-1/2" Copper Service Lateral Reconnection: The unit price shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals for satisfactory installation of a new 1-1/2" service lateral in accordance with the design drawings. The unit price shall include a new saddle, corporation stop, copper tubing, any required bends, and angle meter stop. All compression fittings shall be super grip. Contractor shall reconnect the new copper service lateral to the existing meter inlet.
16. 2" Copper Service Lateral Reconnection: The unit price shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals for satisfactory installation of a new 2" service lateral in accordance with the design drawings. The unit price shall include a new saddle, corporation stop, copper tubing, any required bends, and angle meter stop. All compression fittings shall be super grip. Contractor shall reconnect the new copper service lateral to the existing meter inlet.
17. Sand Bedding and Pipe Encasement: The unit price paid per cubic yard shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals for backfill and compaction of the sand bedding, detectable warning tape, and pipe encasement with polyethylene sheath in accordance with the design drawings and District construction standards.
18. Concrete Slurry Backfill: The unit price paid per cubic yard shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals for satisfactory installation of concrete slurry backfill in accordance with the design drawings. The concrete slurry backfill shall be 1 sack slurry.
19. Pavement Restoration: The unit price paid per square foot shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all the work involved in restoring the pavement surface in accordance with the design drawings and CalTrans Encroachment Permit. Pavement restoration shall include any required cold planing, sweeping, loading, hauling, transporting of removed asphalt material, construction of hot mix asphalt finish paving to a depth of 7" below the top of existing asphalt and a width 12" outside of the trench width, compaction, finishing, striping, sweeping and any other process to ensure a finish pave in accordance with the CalTrans Encroachment Permit.
- ~~20. Type II Micro seal: The unit price paid per square foot shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all the work involved in laying Type II micro seal from edge of road to edge of road for the entire length of the project, restoration of traffic striping, and final sweeping. Type II Micro seal shall also include protection and final exposure of valve lids, manholes or other present utility covers within the area to be sealed.~~
20. Traffic Control Plan and Implementation: The lump sum price paid shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals for the implementation, installation, removal, storage, transport, and maintenance of the Traffic Control Plan; including furnishing, placing, maintaining, and removing signs and temporary supports or barricades for the signs; posting parking restrictions; radios, and any other equipment and labor required; barricades, flaggers, temporary pavement, trench plates, and temporary facilities required for the safe handling of pedestrian and vehicular traffic for 24 hours per calendar day in accordance with the "California Manual of Uniform Traffic Control Devices, by the State of California, Department of Transportation (Caltrans)". Approach and ending trench plates shall be attached to the roadway by a minimum of 2 dowels predrilled into the corners of the plates and drilled 2" into the pavement. Subsequent plates are to be butted and tack welded together. For areas with a speedlimit 45 MPH or greater, pavement shall be cold planed to a depth equal to the thickness of the plate and to a width and length equal to the dimension of the plate. Under 45 MPH, fine graded asphalt concrete shall be compacted to form ramps maximum slope 8.5% with a minimum 12" taper to cover all edges of the steel plates. If, due to a change in the Contractor's work schedule a change in sign posting is required, all labor, equipment, and materials required for second and subsequent postings shall be furnished at the Contractor's sole expense.
- ~~22. Contingency Item: Rock/Boulder Removal: The unit price bid for each hour (crew hour) shall include full compensation for furnishing all labor, materials, tools, equipment, supervision, transportation, sawcutting, excavation, backfill, hauling, incidentals thereto, and all work necessary for excavating rocks or boulders encountered that cannot be removed with conventional trench excavation equipment. This bid item will be performed as Extra Work when considerable rock/boulder removal is encountered during the excavation.~~

C1.03 Traffic Control and Construction Signs

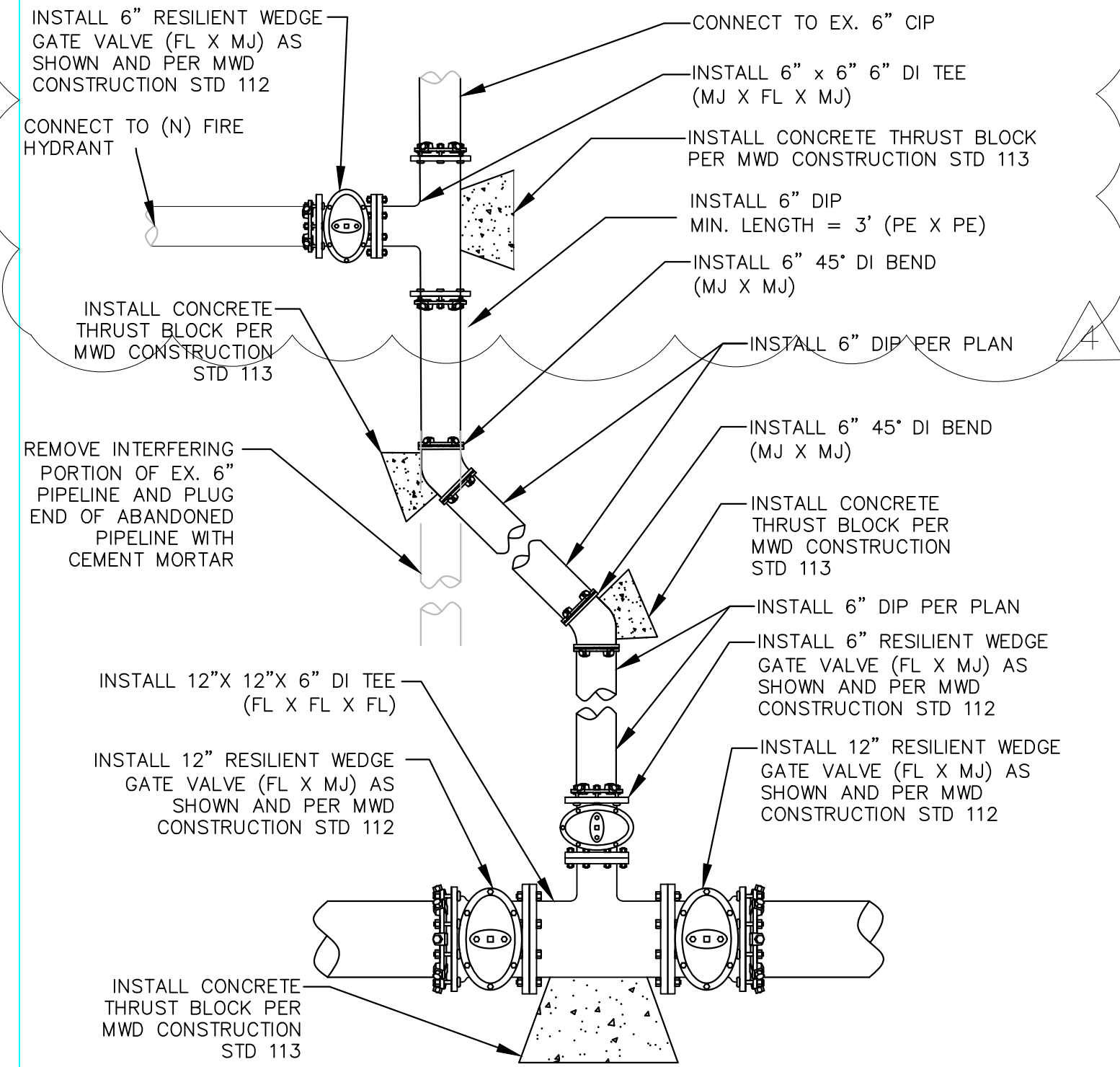


NOTE: INSTALL JOINT RESTRAINT FITTINGS AT ALL MECHANICAL JOINTS.

TIE IN AT ORCHARD AVE AND E.V.R.

NTS

1

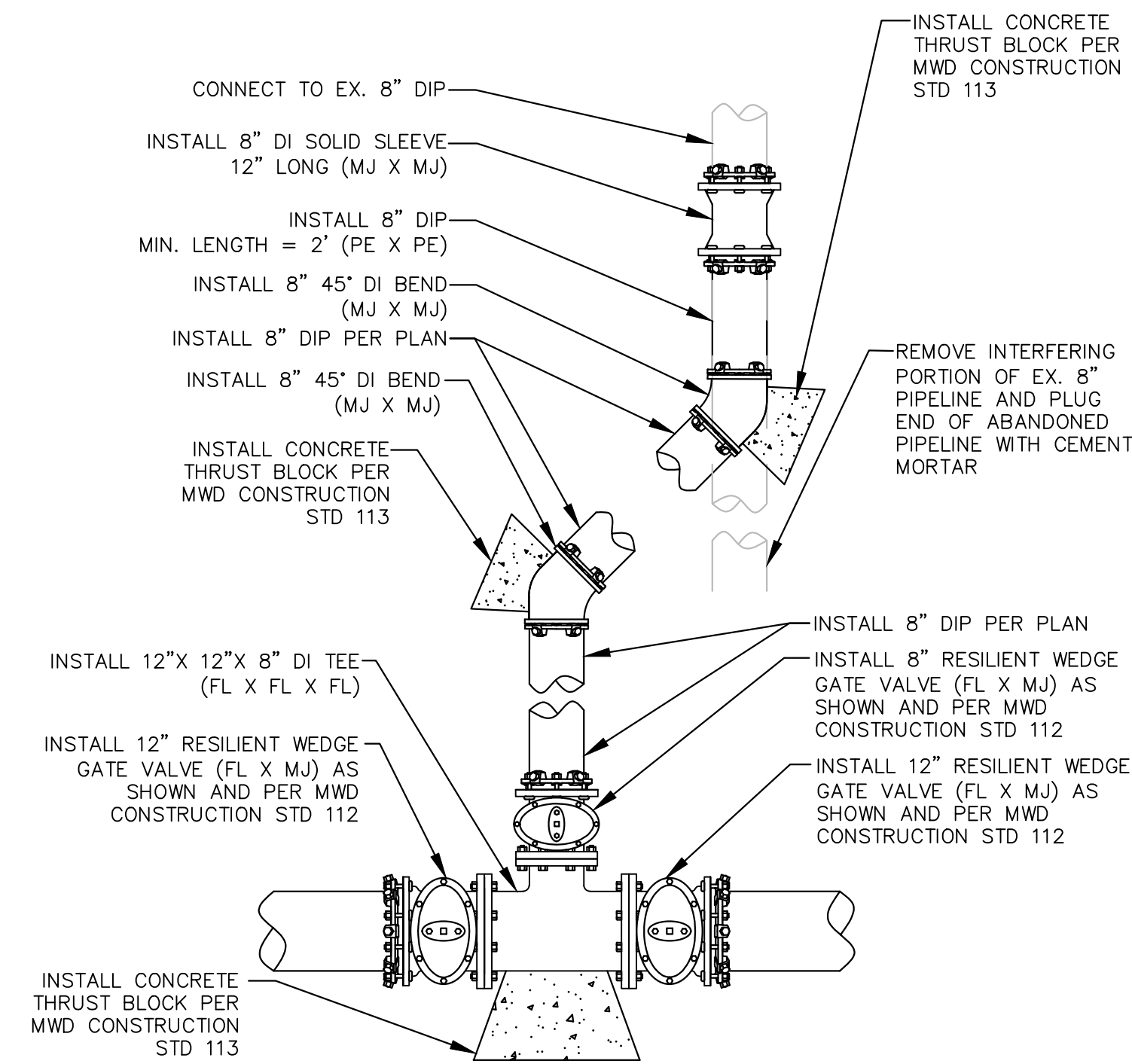


NOTE: INSTALL JOINT RESTRAINT FITTINGS AT ALL MECHANICAL JOINTS.

TIE IN AT ROMERO CANYON AND E.V.R.

NTS

2

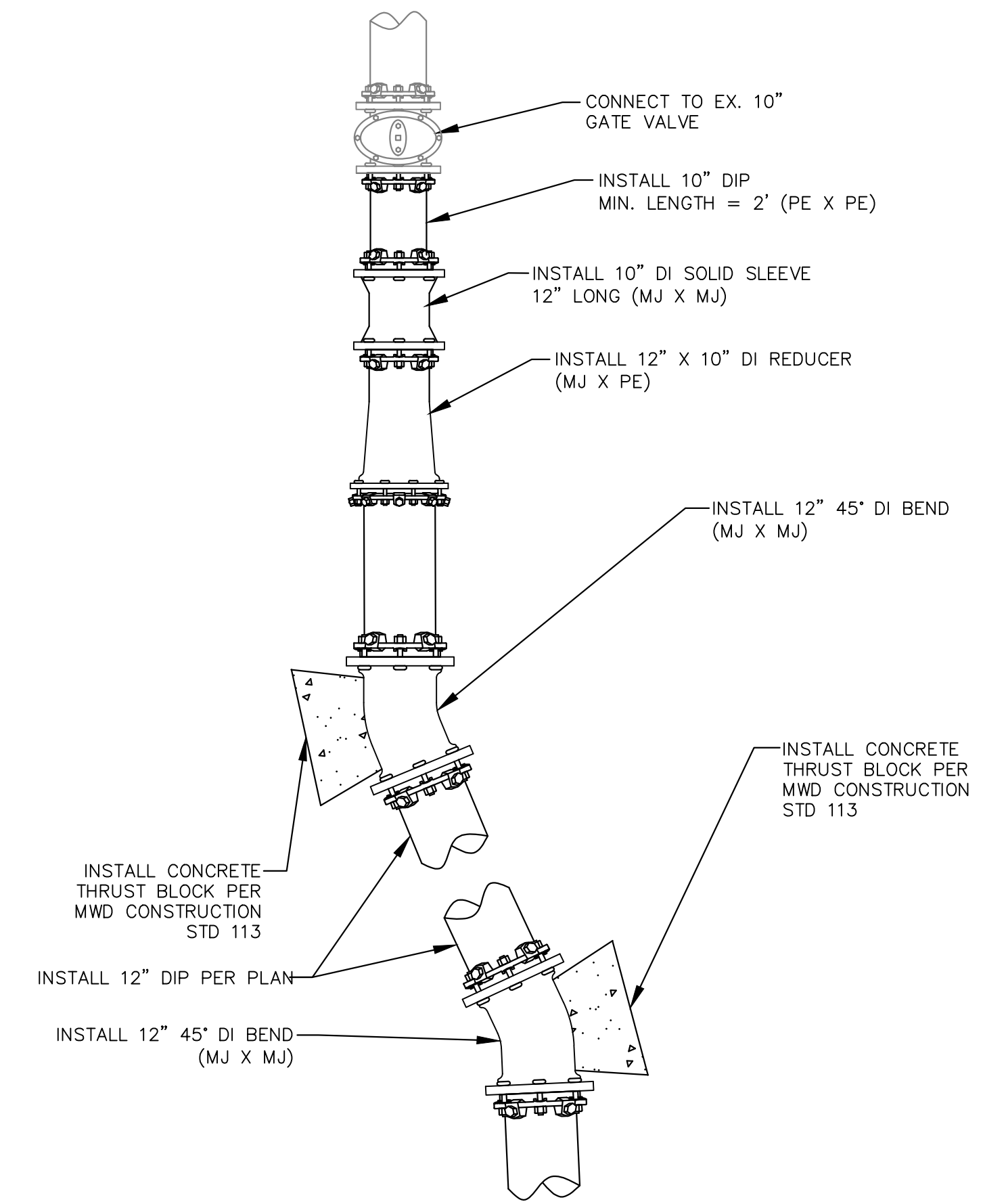


NOTE: INSTALL JOINT RESTRAINT FITTINGS AT ALL MECHANICAL JOINTS.

TIE IN AT STONEHOUSE LANE AND E.V.R.

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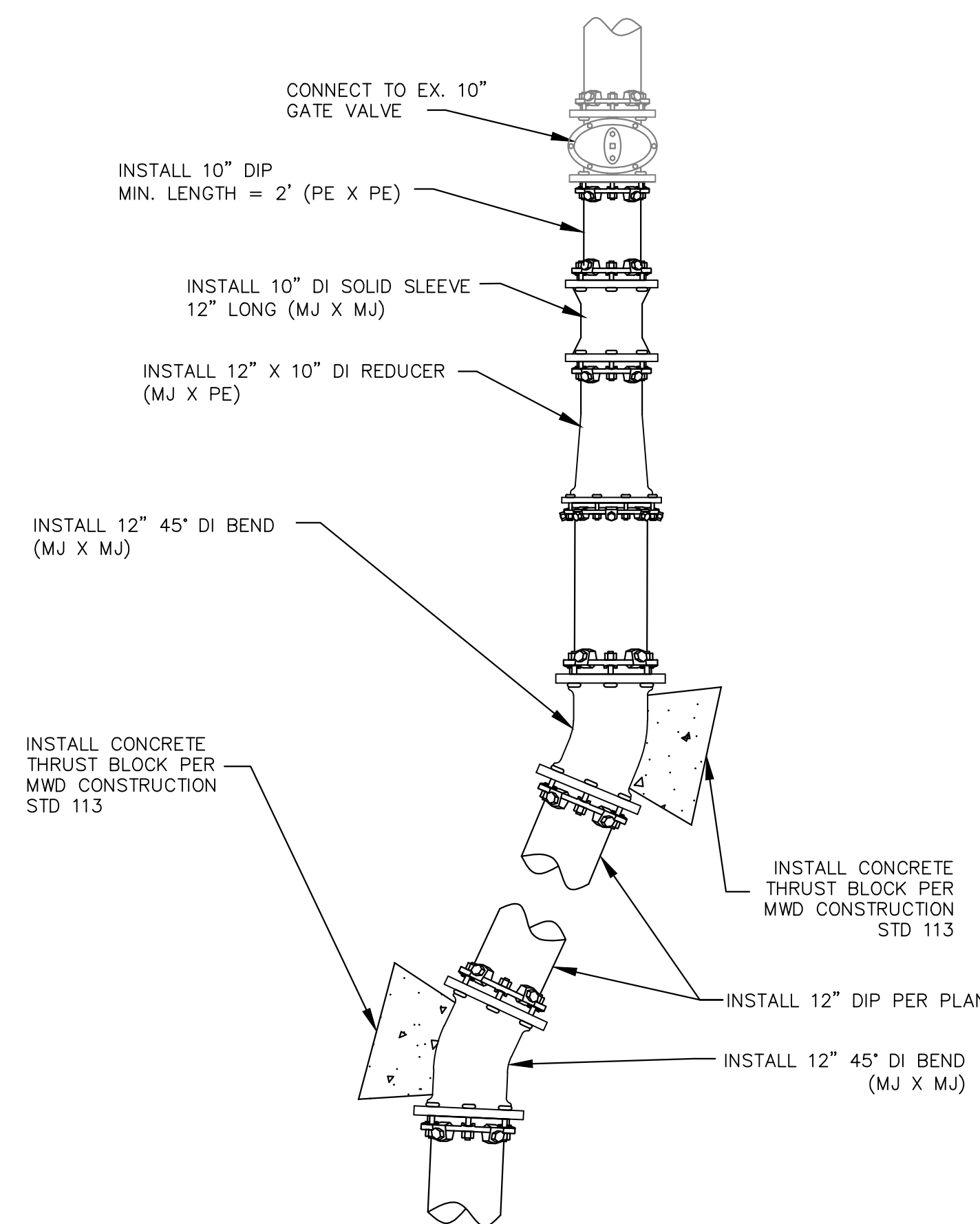
3



TIE IN AT WEST SIDE OF BRIDGE AT ROMERO CREEK AND E.V.R.

NTS

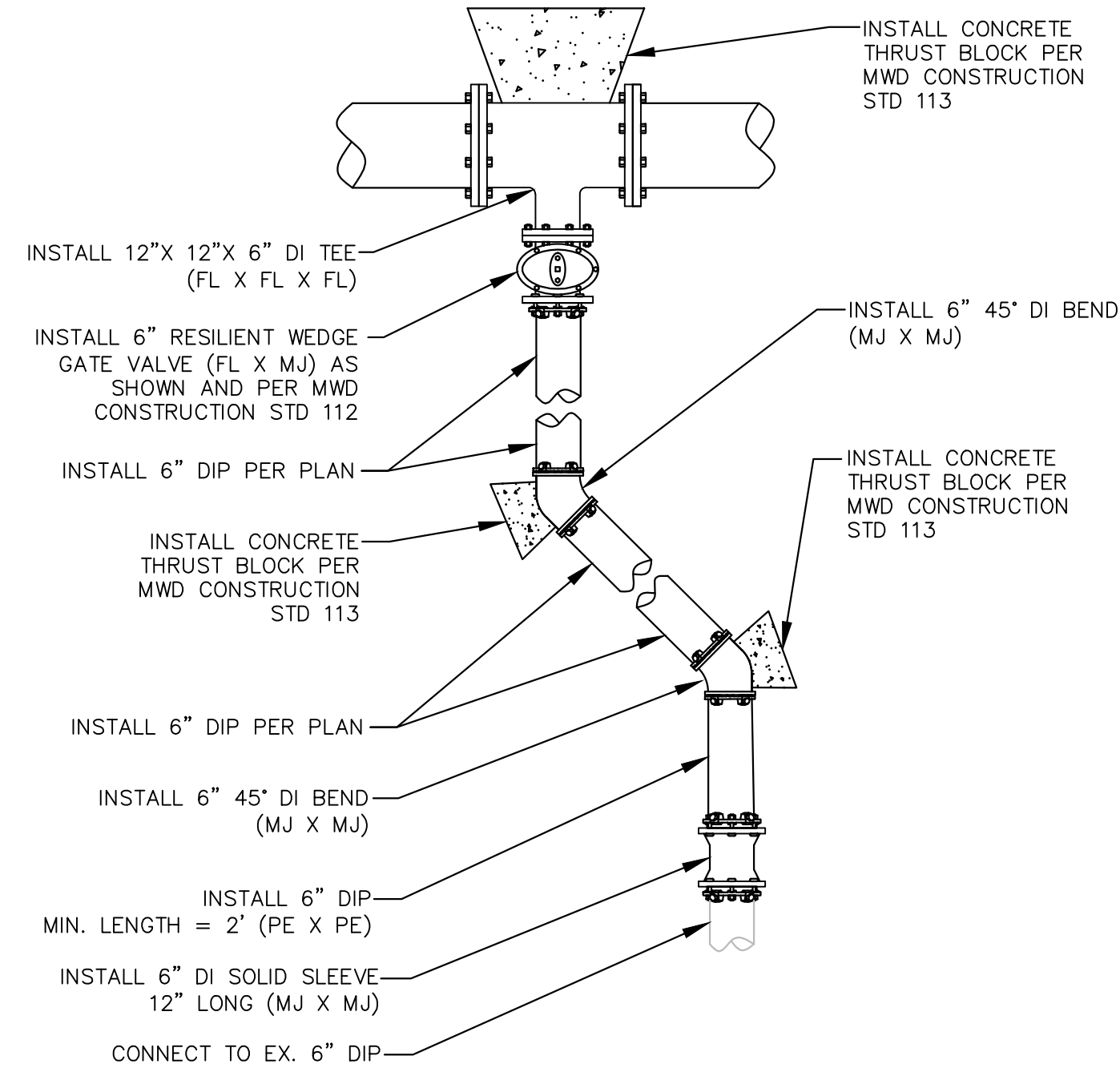
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TIE IN AT EAST SIDE OF BRIDGE AT ROMERO CREEK AND E.V.R.

NTS

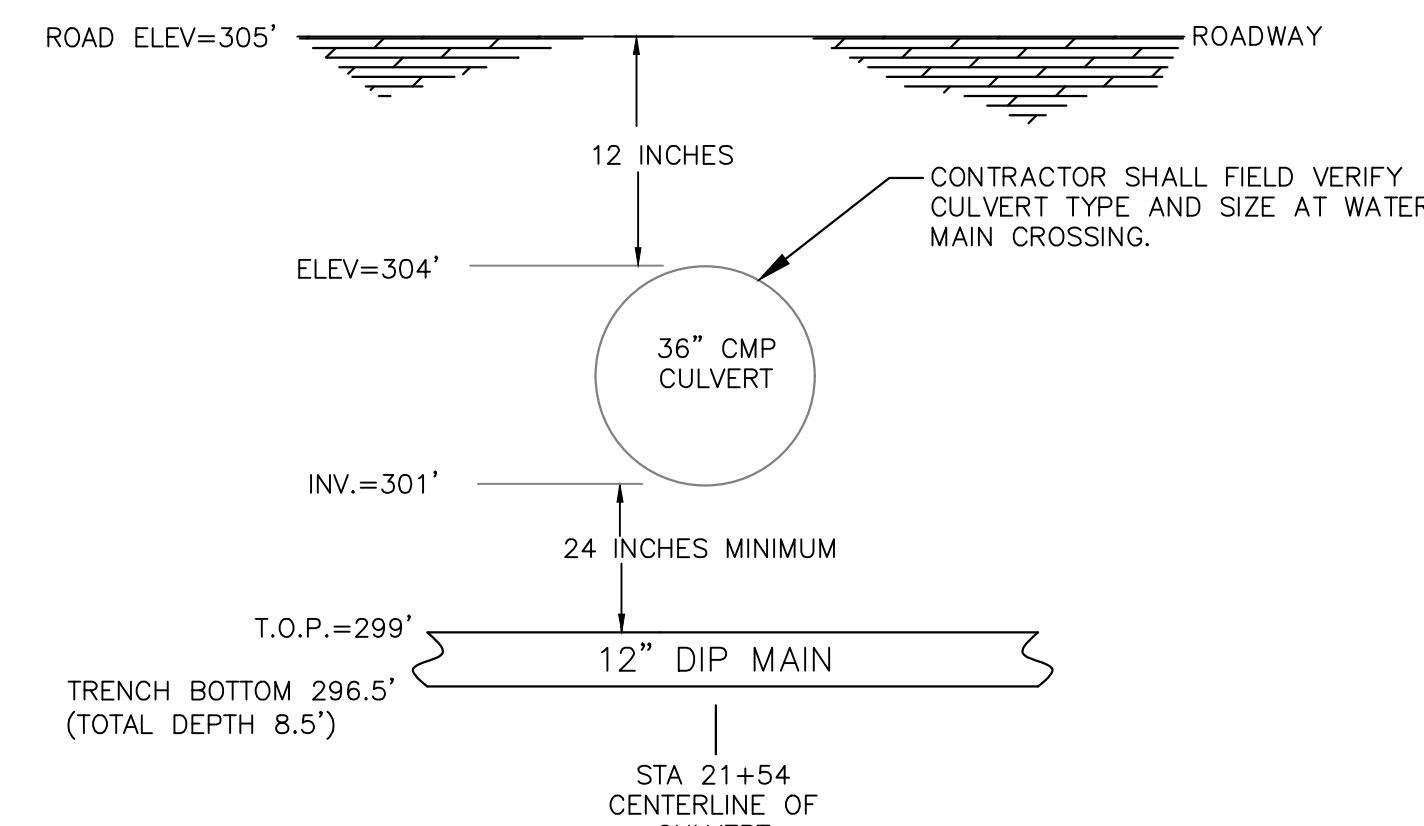
4



TIE IN AT EXISTING PRIVATE FIRELINE

NTS

6

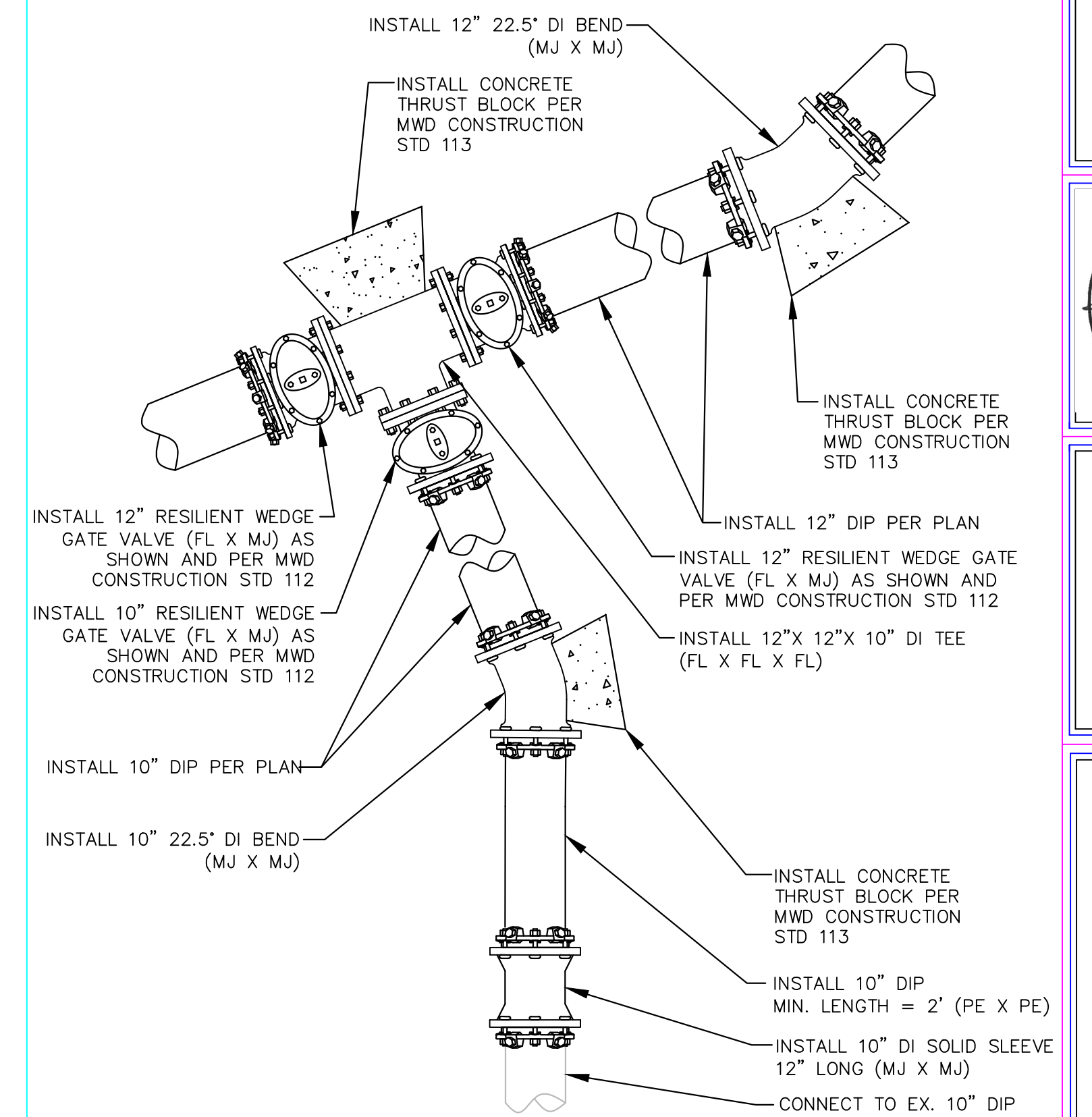


NOTE:
 1) GRADUALLY DEEPEN TRENCH TO ACHIEVE A MINIMUM 8.5 FT FROM FINISHED SURFACE TO TOP OF PIPE UNDERNEATH CULVERT
 2) PROTECT EXISTING STORM CULVERT IN PLACE DURING CONSTRUCTION
 3) MAINTAIN MINIMUM 24-INCHES OF CLEARANCE BETWEEN WATER MAIN AND CULVERT
 4) PER STANDARD TRENCH DETAIL, INSTALL SAND SHADE ABOVE PIPE AND SLURRY BACKFILL IN VOID SPACE BETWEEN BOTTOM OF STONE CULVERT AND SAND SHADE.

CULVERT CROSSING AT STA 21+54

NTS

7



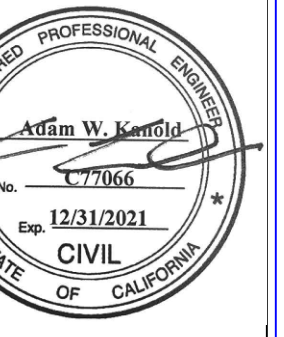
TIE IN AT ORTEGA RIDGE AND E.V.R.

NTS

8

REV.	DATE	BY	DESCRIPTION
1	12-18-20	DH	RESPONSE 1 TO CT COMMENTS FROM 11-16-20
2	03-15-21	DH	RESPONSE 1 TO CT COMMENTS FROM 02-11-21
3	05-03-21	DH	RESPONSE 2 TO CT COMMENTS FROM 04-27-21
4	07-13-21	DW	ADDENDUM 2

MONTECITO WATER DISTRICT
EAST VALLEY ROAD MAIN REPLACEMENT



Design: A. KANOLD
 Drawn: A. KANOLD / D. HANSON
 Date: 9.9.20

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Date: SEP 2020
 Sheet No: 14 OF 16
 Drawing Scale: NONE