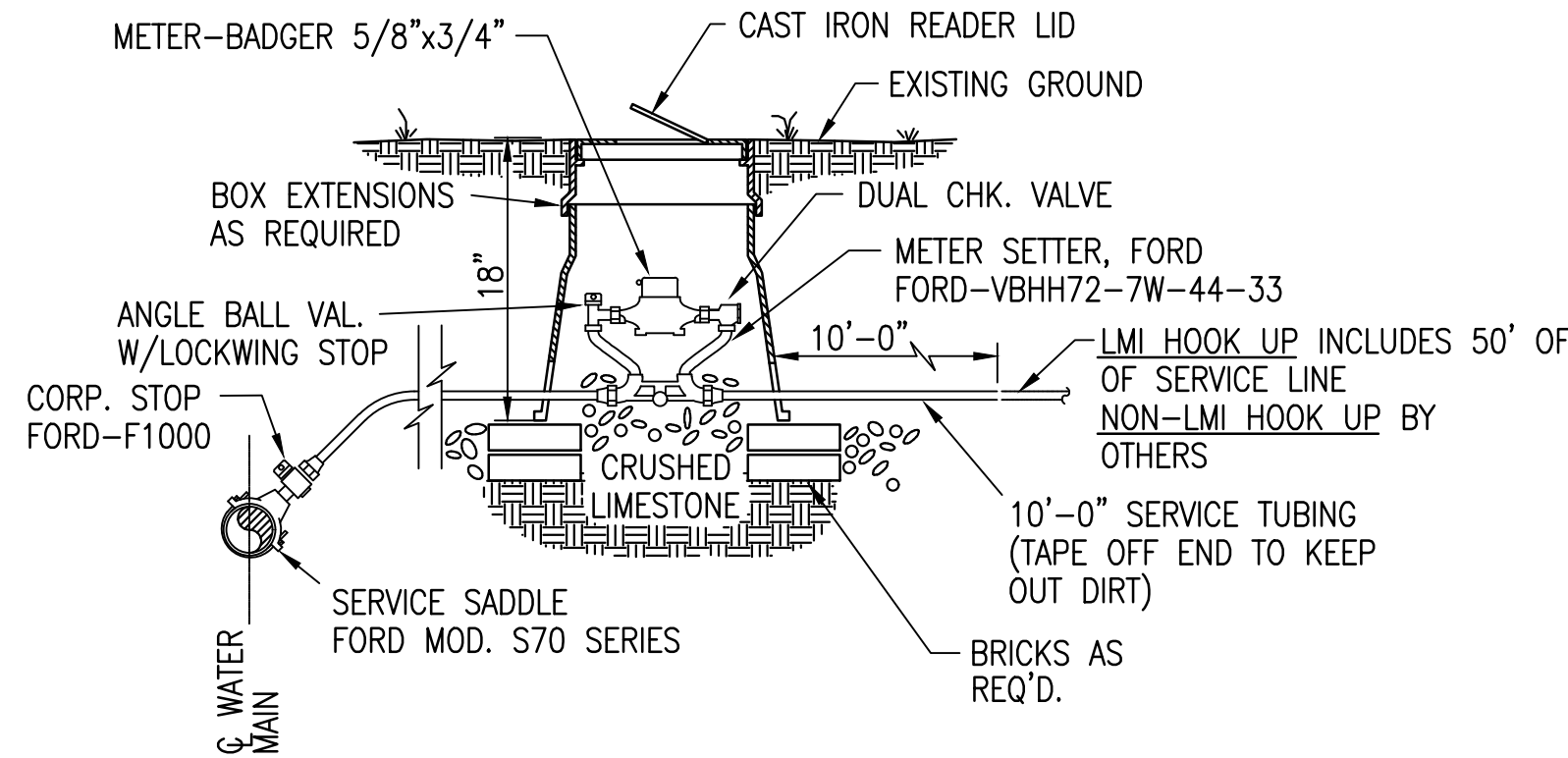
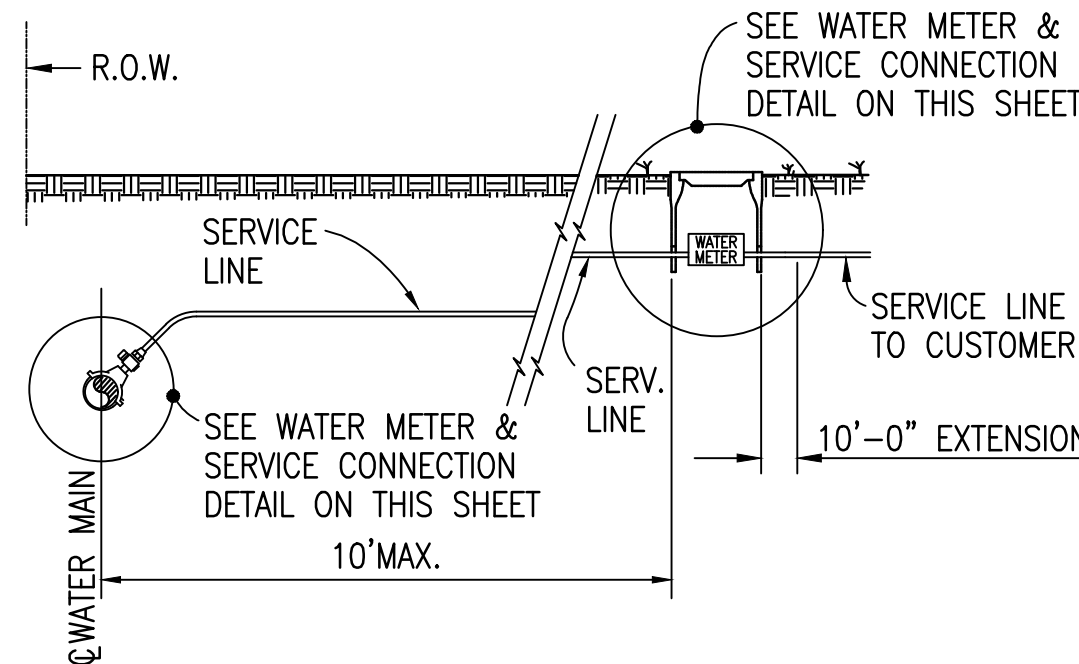


- NOTES:
1. STANDARD OBLONG PLASTIC METER BOX - CARSON TRUSS T LINE - OR APPROVED EQUAL.
 2. METER BOX SHALL BE 24" MINIMUM DEPTH.
 3. WHERE PRESSURE REGULATOR IS REQUIRED USE FORD TANDEM SETTER WITH METER BOX SIZED TO FIT. AS MANUF. BY POLY PLASTIC WATER METER BOX CO. - OR APPROVED EQUAL.



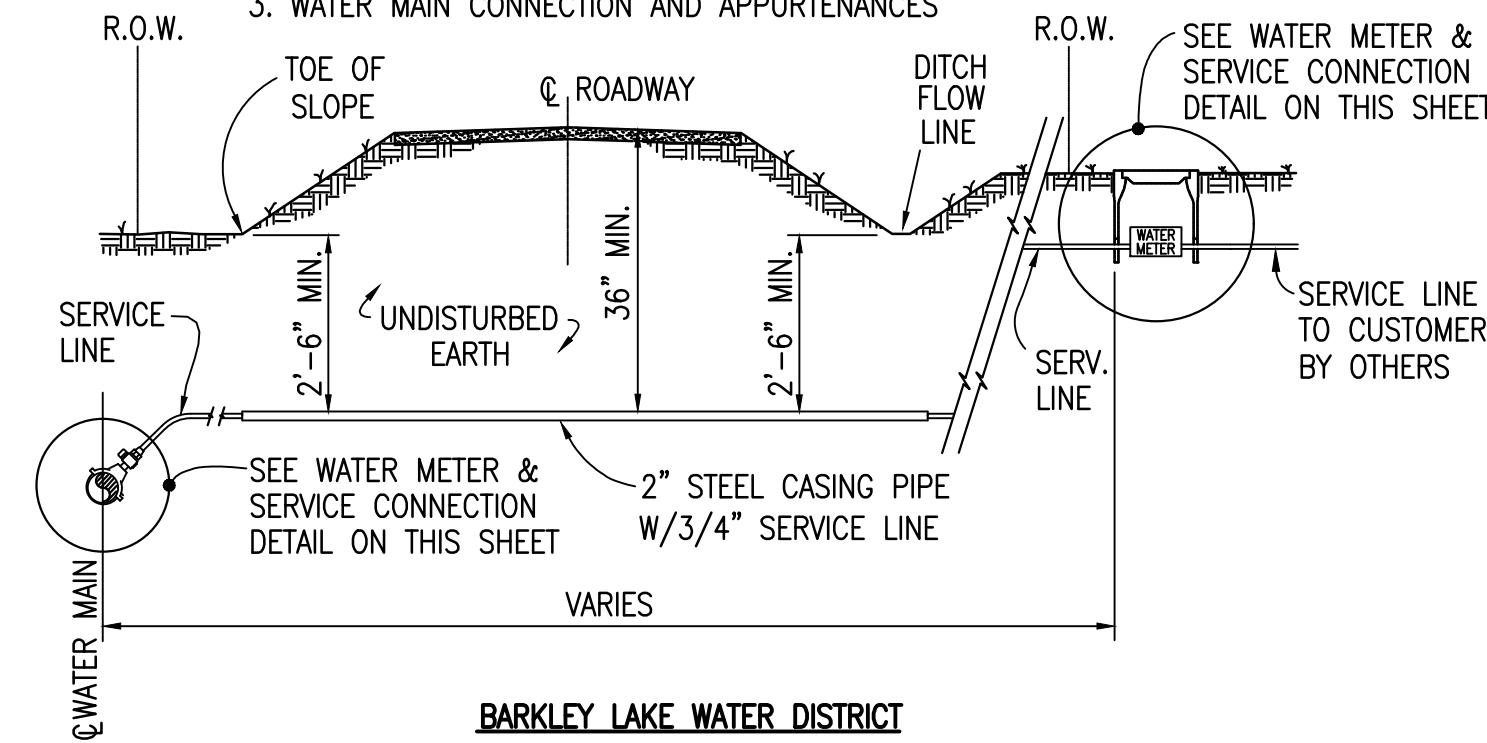
1 **WATER METER INSTALLATION AND SERVICE LINE CONNECTION**
NOT TO SCALE

- SERVICE CONNECTION NOT UNDER ROADWAY LUMP SUM BID ITEM INCLUDES:
1. METER BOX INSTALLATION AND APPURTENANCES
 2. WATER MAIN CONNECTION AND APPURTENANCES

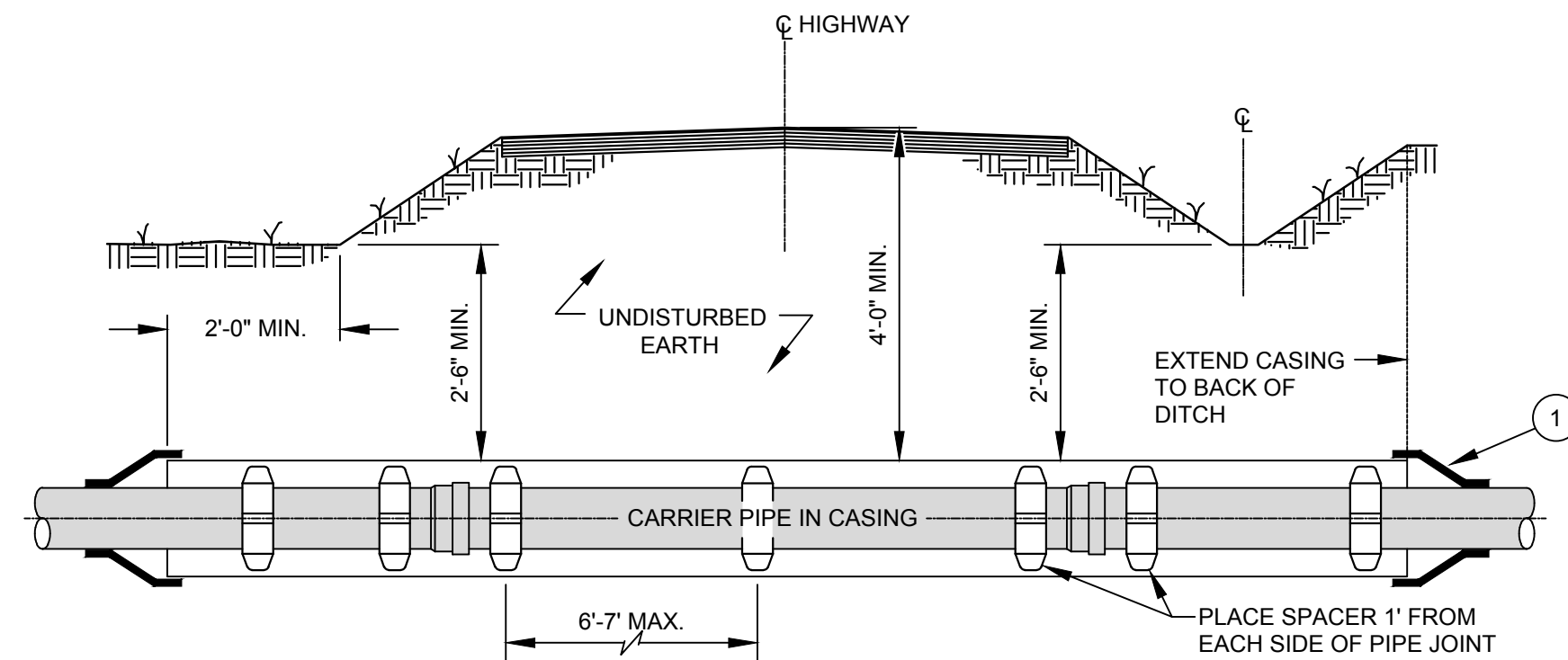


1 **TYPE "A" SERVICE CONNECTION NOT UNDER ROADWAY**
NOT TO SCALE

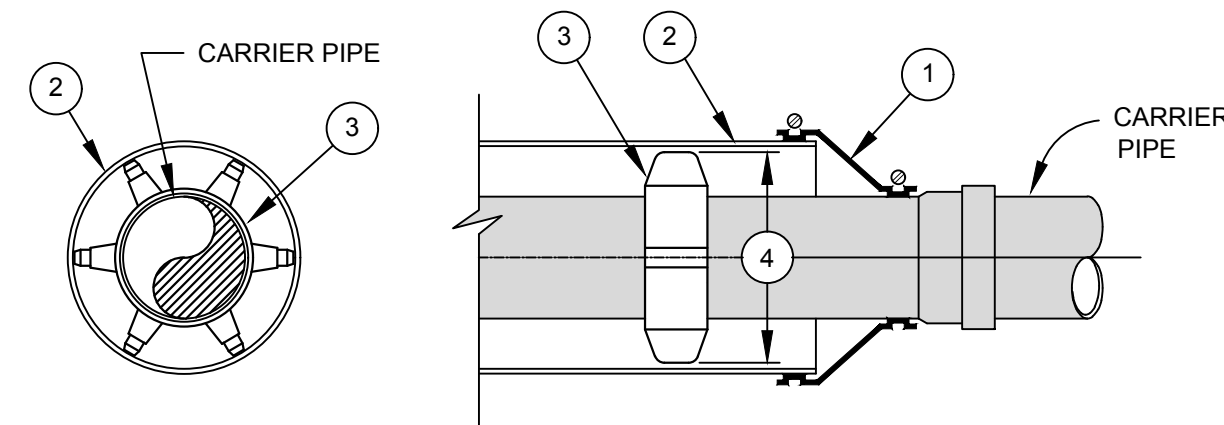
- NOTES:
1. METER BOX INSTALLATION AND APPURTENANCES
 2. DIRECTIONAL BORE UNDER ROADWAY W/HDPE CASING PIPE AND HDPE SERVICE LINE
 3. WATER MAIN CONNECTION AND APPURTENANCES



BARKLEY LAKE WATER DISTRICT
TYPE "B" SERVICE CONNECTION UNDER ROADWAY
NOT TO SCALE

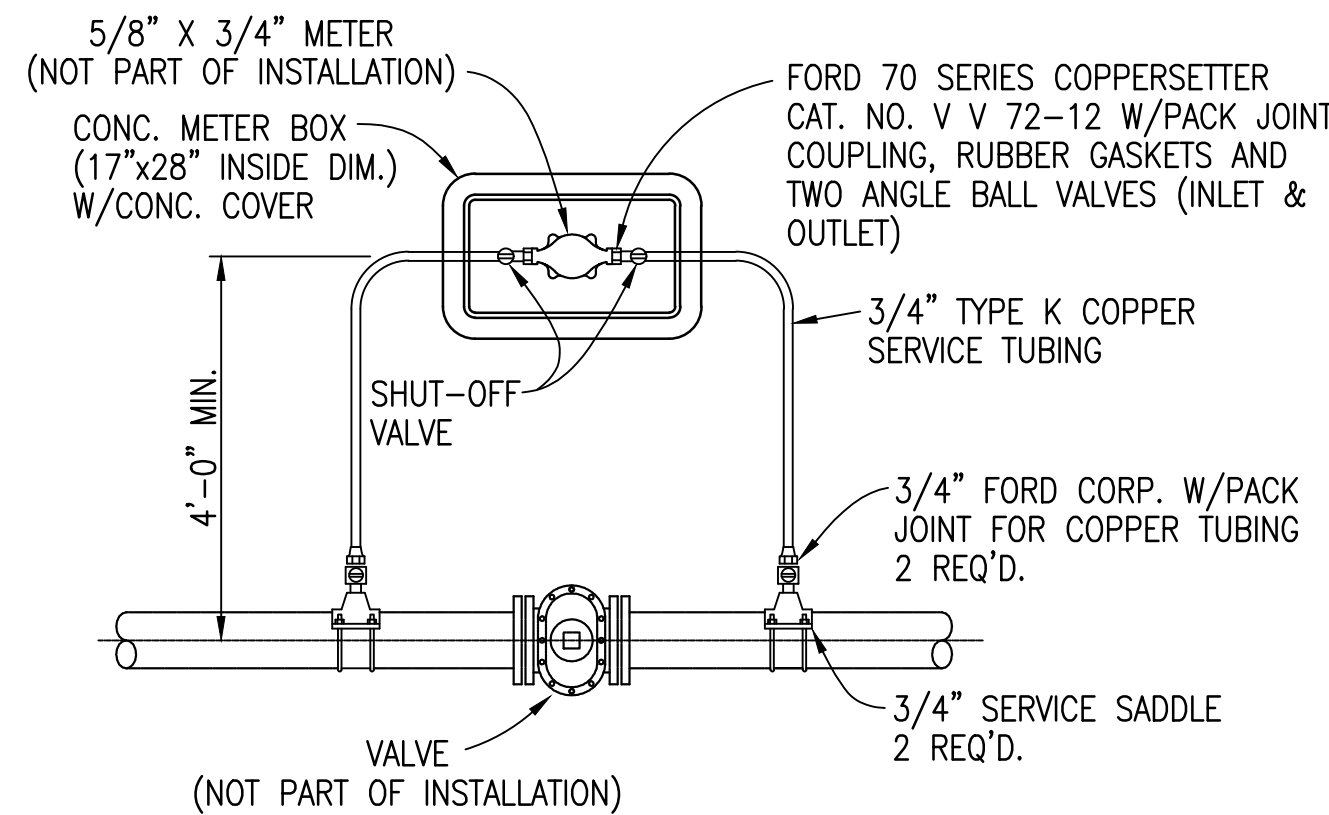


TYPICAL DETAIL OF HIGHWAY CROSSING W/CASING AND CARRIER PIPE
NOT TO SCALE

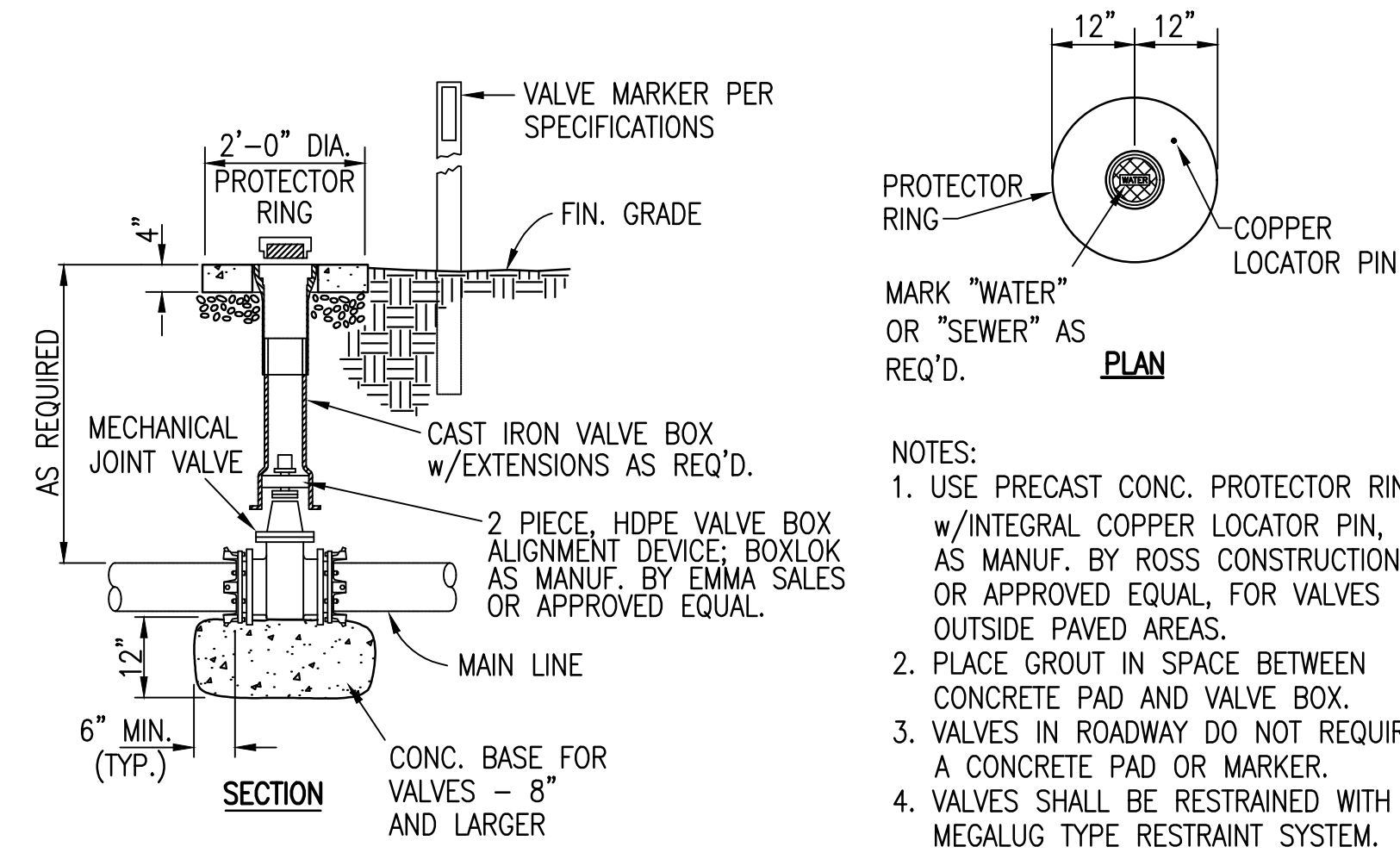


- 1 USE WATERTIGHT WRAP AROUND END SEALS WITH STAINLESS STEEL BANDS.
- 2 SMOOTH WALL STEEL CASING PIPE WITH BITUMINOUS COATING INSIDE & OUT.
- 3 CASING SPACERS SHALL BE STAINLESS STEEL TYPE INSTALLED IN A CENTERED/RESTRAINED CONFIGURATION.
USE PSI MODEL S8G-2, APS MODEL SSIM OR APPROVED EQUAL FOR 4" THRU 24" DIA. CARRIER PIPES.
USE PSI MODEL S12G-2, APS MODEL SSIM OR APPROVED EQUAL FOR 26" DIA. AND LARGER CARRIER PIPES.
- 4 SPACER RISERS/RUNNERS SHALL BE SIZED AND TRIMMED TO MAINTAIN 1/2" MAXIMUM CLEARANCE BETWEEN RUNNER AND CASING PIPE.
- 5 CARRIER PIPE IN ALL CASING OVER 60 FEET IN LENGTH SHALL BE DUCTILE IRON WITH LOCKING GASKETS.

CASING PIPE W/CARRIER PIPE DETAIL
NOT TO SCALE

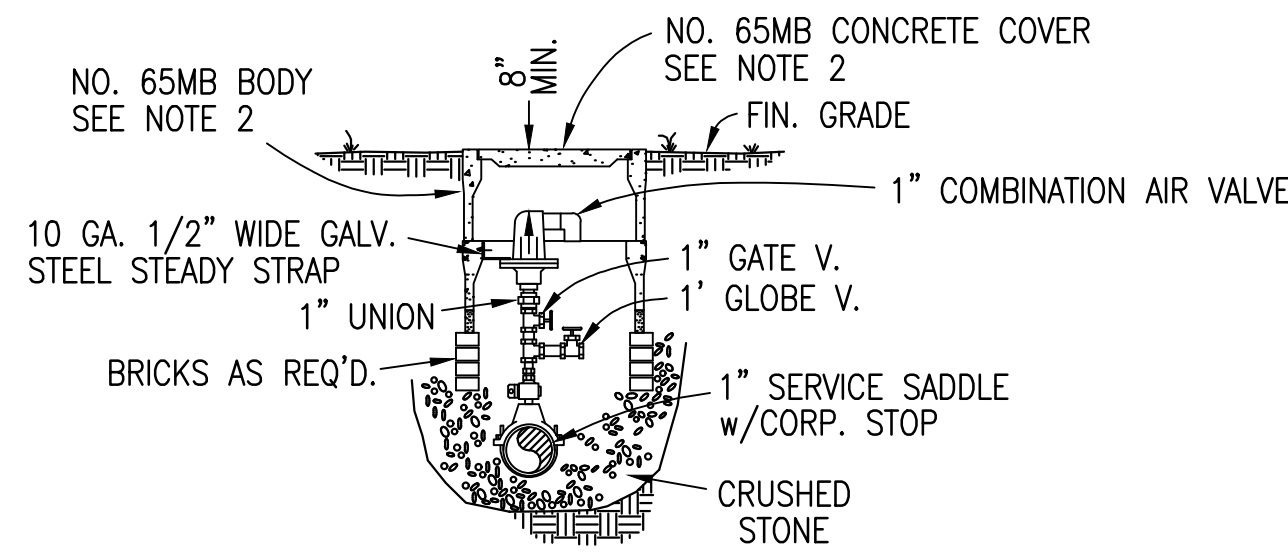


TEST METER BY-PASS INSTALLATION
NOT TO SCALE

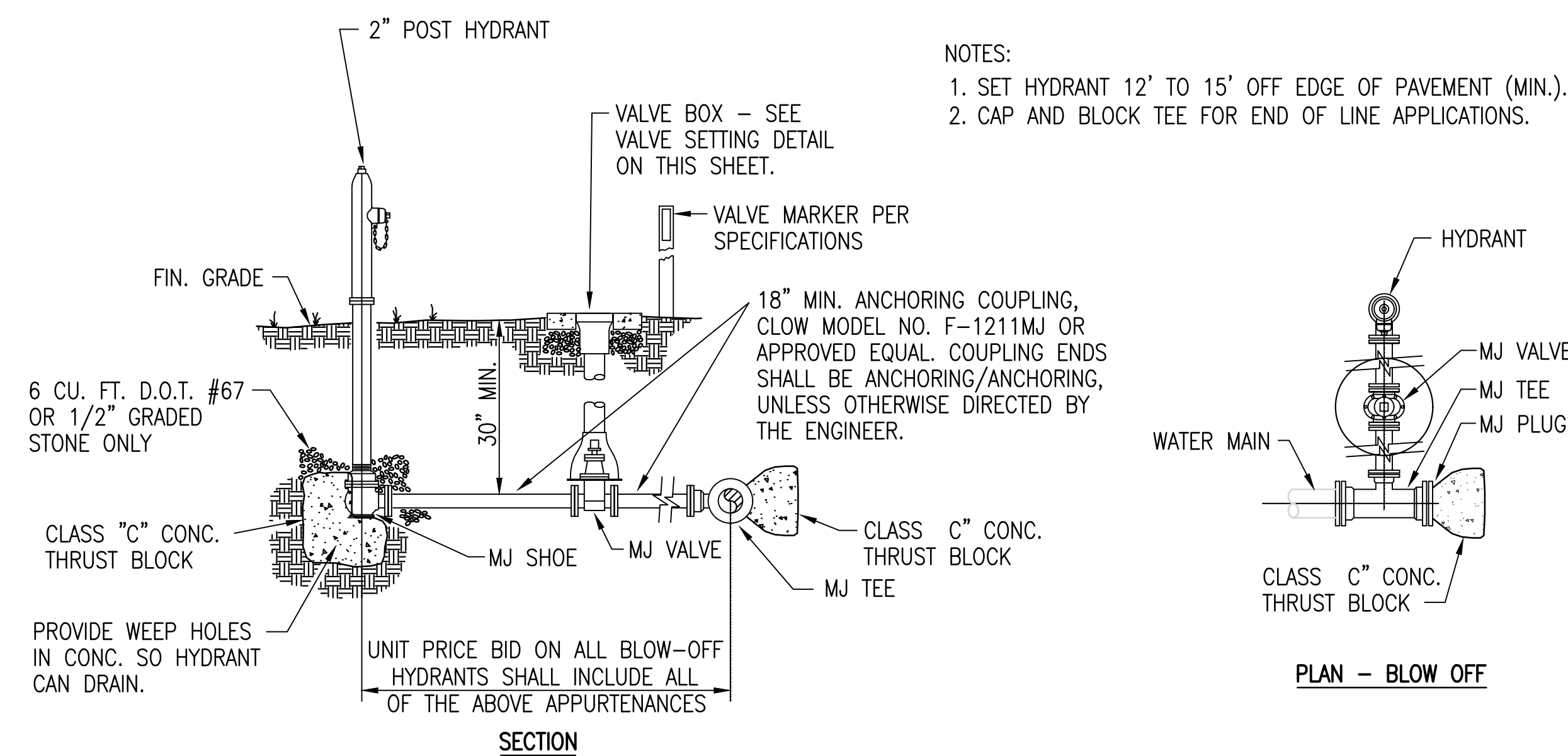


VALVE SETTING DETAIL
NOT TO SCALE

- NOTES:
1. THE CONTRACTOR SHALL MAKE PROVISIONS TO GIVE ADEQUATE SPACE FOR AIR RELEASE APPURTENANCES (SEE SHOP DRAWINGS).
 2. 17"x28" CONC. METER BOX - AS MANUF. BY BROOKS PRODUCTS, INC. MEMPHIS, TN - OR APPROVED EQUAL.
 3. SEAL SLOTS IN METER BOX W/NON-SHRINK GROUT.
 4. ALL ACCESSORY VALVES AND PIPING SHALL BE BRASS.



AIR RELEASE/AIR VACUUM VALVE
NOT TO SCALE



BLOW-OFF HYDRANT INSTALLATION
NOT TO SCALE

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HUGHES EXCAVATING, LLC

03/13/2017

This document, originally issued, sealed, and signed by Barry L. Cloyd, Tennessee Professional Engineer, No. 100893, on December 14, 2015, shall not be used in lieu of a certified document.

GRW PROJECT NO. 4349-01

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STANDARD WATER LINE DETAILS

ROAN & CROOKED CREEK RDS. WATER LINE EXTENSIONS
CDBG CONTRACT NO. 2737
PERRY COUNTY, TENNESSEE

DESIGNED	BLD	DATE	BY	REVIEWED	APPROVED
		3/16	DM		
NO.	1	ADDED WATER METER & SERVICE CONNECTION DETAILS			

DATE: JANUARY 2015
SCALE: AS NOTED
SHEET NO.

SD-07