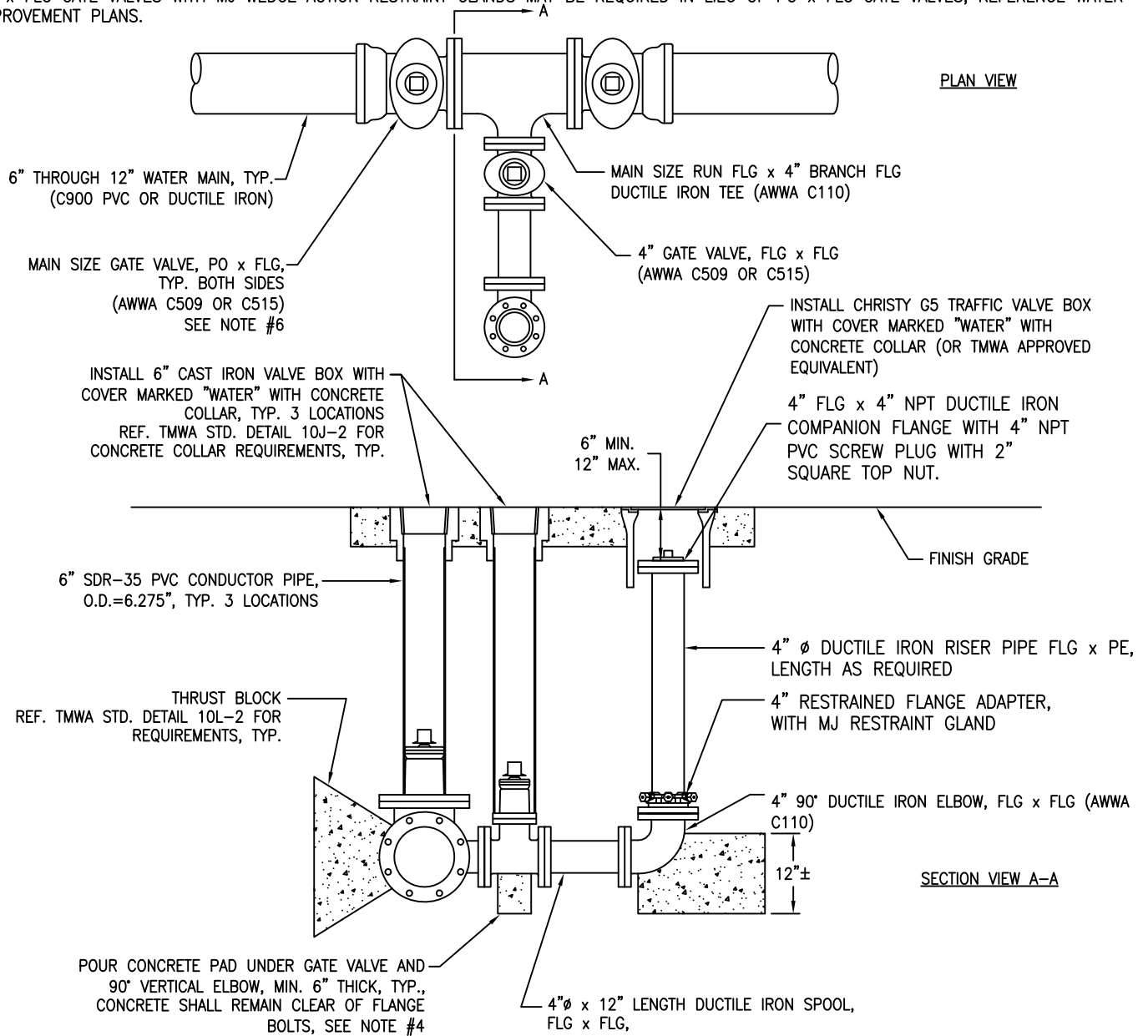


NOTES:

1. ALL EXPOSED METAL SHALL BE COATED WITH BRUSHED-ON MASTIC.
2. ALL BOLTS AND ASSOCIATED HARDWARE SHALL BE FLUOROPOLYMER COATED.
3. TEE, VALVES, FITTINGS, DUCTILE IRON PIPE, AND OTHER METAL PARTS SHALL BE ENCASED WITH POLYETHYLENE WRAP PER AWWA C105.
4. CONCRETE FOR PADS SHALL HAVE A COMPRESSIVE STRENGTH OF NOT LESS THAN 3,000 PSI AFTER 28 DAYS. BAG CONCRETE MIX IS NOT ACCEPTABLE.
5. ALL PIPE AND FITTINGS IN CONTACT WITH WATER SHALL BE NSF-61 CERTIFIED.
6. MJ x FLG GATE VALVES WITH MJ WEDGE ACTION RESTRAINT GLANDS MAY BE REQUIRED IN LIEU OF PO x FLG GATE VALVES, REFERENCE WATER IMPROVEMENT PLANS.



MATERIAL LIST	
QTY.	DESCRIPTION
1	MAIN SIZE RUN FLG x 4" BRANCH FLG DUCTILE IRON TEE (AWWA C110)
2	MAIN SIZE GATE VALVE, PO x FLG, (AWWA C509 OR C515)
1	4" GATE VALVE, FLG x FLG, (AWWA C509 OR C515)
1	4" 90° DUCTILE IRON ELBOW, FLG x FLG (AWWA C110)
1	4" $\phi$ x 12" LENGTH DUCTILE IRON SPOOL, FLG x FLG
1	4" FLG x 4" NPT DUCTILE IRON COMPANION FLANGE
1	4" RESTRAINED FLANGE ADAPTER WITH MJ RESTRAINT GLAND

MATERIAL LIST (CONT.)	
QTY.	DESCRIPTION
1	4" $\phi$ DUCTILE IRON SPOOL, FLG x PE (LENGTH AS REQUIRED)
1	4" PVC SCREW PLUG, NPT, WITH 2" SQUARE TOP NUT
3	6" CAST IRON VALVE BOX WITH COVER MARKED "WATER"
1	CHRISTY G5 TRAFFIC VALVE BOX WITH COVER MARKED "WATER"
3	6" SDR-35 PVC CONDUIT PIPE SECTION, O.D.=6.275"
-	CONCRETE BULK - THRUST BLOCKS, PADS, COLLARS



DATE  
7/2011  
REV  
9/2016

APPENDIX 10E  
FLUSH ASSEMBLY INSTALLATIONS  
IN-LINE FLUSH ASSEMBLY  
FOR MAIN SIZES 6" TO 12"

DRAWING NUMBER  
10E-5