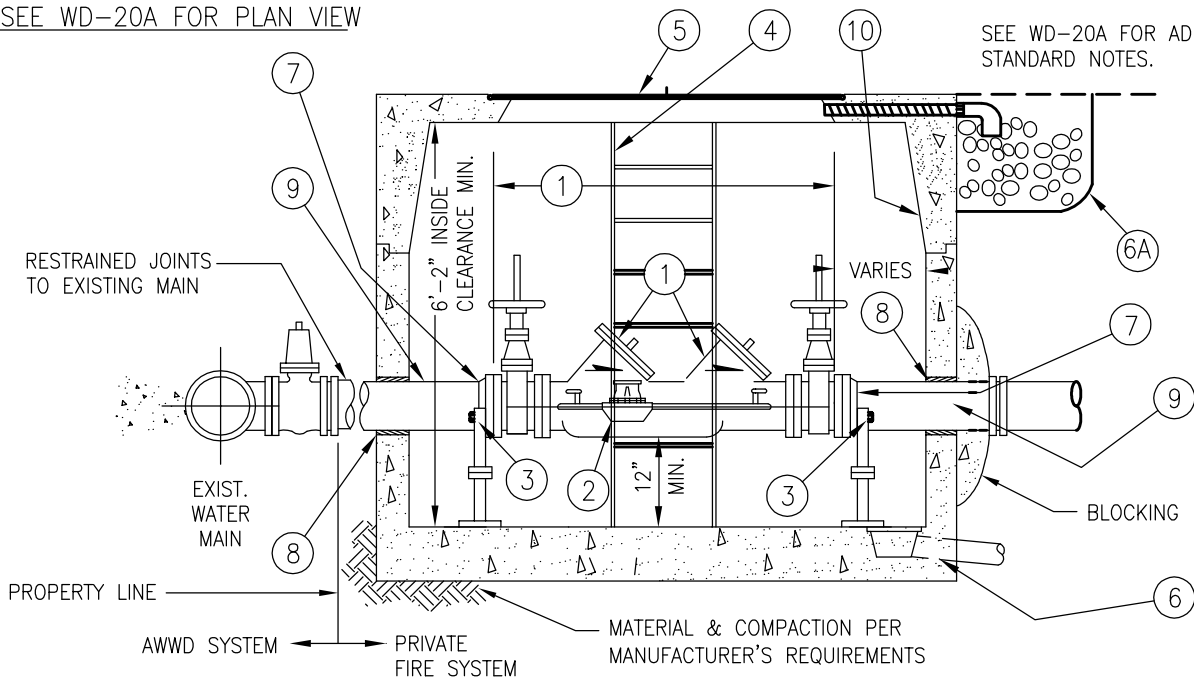


SEE WD-20A FOR PLAN VIEW

SEE WD-20A FOR ADDITIONAL STANDARD NOTES.



NO.	DESCRIPTION
①	STATE APPROVED DOUBLE CHECK DETECTOR ASSY. FL X FL WITH LOW FLOW BY-PASS METER.
②	5/8" X 3/4" BADGER RECORDALL DISC METER M25, 7-1/2" LAY LENGTH, LEAD-FREE BRONZE ALLOY HOUSING AND BOTTOM, HR-E ENCODER WITH ORION CE TRANSMITTER. MOUNT RADIO TRANSMITTER THROUGH VAULT LID AS DIRECTED BY THE DISTRICT. FACTORY PROGRAMMED FOR CUBIC FEET.
③	ADJUSTABLE PIPE SUPPORT STANDON MODEL S-89 OR EQUAL, AND SHALL BE BOLTED TO THE VALVE FLANGE.
④	INSTALL MANUFACTURER FURNISHED LADDER ON SAME SIDE AS BYPASS METER.
⑤	36" X 72" LW PRODUCTS HD ACCESS HATCH (H-20 RATED). SEE NOTES
⑥	VAULT DRAIN TO DAYLIGHT OR BE WATER TIGHT.
⑥A	INSTALL PVC SHORT NIPPLE & 90° POINTED DOWN IN THE CORNER DRAIN W/1" WASHED DRAIN ROCK POCKET. NOTE: DEPENDING ON MANUFACTURER AND SIZE OF VAULT DRAIN KNOCKOUTS COULD BE ON SIDES OR END OF LID.
⑦	MEGA-FLANGE ADAPTER WITH SET SCREWS OR APPROVED EQUAL.
⑧	WATER-TIGHT GROUT, BOTH ENDS OF VAULT.
⑨	DUCTILE IRON PIPE: 4" CLASS 53, 6"-12" CLASS 52.
⑩	OLD CASTLE PRECAST (UTILITY VAULT) 4484-LA OR APPROVED EQUAL.

ACCESS HATCH NOTES:

1. WEATHER TIGHT SEAL, SELF LATCHING STAINLESS STEEL SHAM LOCK WITH A RECESSED PADLOCK HASP OR EQUAL.
2. HATCH TO BE COATED WITH THERMION TH604 ANTI-SLIP & ANTI CORROSION SYSTEM, GRADE #2 MODERATE TEXTURE.
3. LID AND HATCH TO BE H30 RATED IF IN TRAFFIC AREA.



**ALDERWOOD**  
WATER & WASTEWATER DISTRICT  
**PRIVATE FIRE SYSTEM  
DOUBLE CHECK DETECTOR  
ASSEMBLY (PROFILE VIEW)**

DATE: 05-2017

DWG. WD-20

APPROVED BY: \_\_\_\_\_ DLH  
DISTRICT ENGINEER