



MATERIAL NOTES

- ① "MAIN SIZE" x "TAP SIZE" SERVICE SADDLE MUELLER (FIPT OUTLET THREAD): C900 (BRONZE DOUBLE STRAP, SS DOUBLE STRAPS), AC (BRONZE DOUBLE STRAP) OR APPROVED EQUAL
- ② 1" CORP. STOP, BRASS (MIPT x MIPT) MUELLER H-10012 (NO EQUAL)
- ③ 1" OR 2" 90° ELBOW, BRASS (FIPT x FIPT)
- ④ 1" MUNICIPEX CLASS 250, OR 2" PE PIPE, MUNICIPEX CLASS 250 (LENGTH VARIES) - FOR ASPHALT ROADS, USE COPPER PIPE TYPE K
- ⑤ 1" COMPRESSION CONNECTION FITTINGS, BRASS (FIPT x IPS PE) MUELLER H-15456 OR 2" COMPRESSION CONNECTION FITTINGS, BRASS (FIPT X CTS PE) MUELLER H-15451 OR APPROVED EQUAL

MATERIAL NOTES (CONTINUED)

- ⑥ 1" OR 2" NIPPLES (6" LENGTH), BRASS (MIPT x MIPT)
- ⑦ 1" OR 2" RESILIENT SEATED VALVE, 200 PSI, (FIPT x FIPT) AMERICAN AVK (#03-032-35 OR #03-063-35)
- ⑧ 1" OR 2" NIPPLE (18" LENGTH), BRASS (MIPT x MIPT)
- ⑨ 1" OR 2" GATE VALVE, BRASS (FIPT x FIPT), MILWAUKEE VALVE UP105 OR APPROVED EQUAL
- ⑩ 1" OR 2" x CLOSE NIPPLE, BRASS (MIPT x MIPT)
- ⑪ 1" OR 2" AIR AND VACUUM COMBINATION VALVE (FIPT) CRISPIN (UL10 OR UL20) OR APPROVED EQUAL
- ⑫ 1" OR 2" 90° ELBOW, GALVANIZED
- ⑬ INSTALL ENCLOSURE WITH DOUBLE DOORS, PIPELINE PRODUCTS 1" (VCDD-1624) OR 2" (VCDD-2436)
- ⑭ 6" VALVE CAN SET PER STD. DWG. No. W-5
- ⑮ 14-GAUGE INSULATED COPPER LOCATING WIRE (SEE NOTE)
- ⑯ BOLTED TO CONCRETE PAD
- ⑰ BACKFLOW BUDDY OR APPROVED EQUAL

NOTE

14-GAUGE INSULATED COPPER LOCATING WIRE TO RUN FROM MAIN, TIED IN WITH 3M CONNECTORS (3M DBR DIRECT BURY SPLICE KIT) AND CONNECTED TO TAPPING SLEEVE BOLT

Revised: April 22, 2020

RECOMMENDED BY:	REV.	DATE	BY
Engineering			
APPROVED BY:			
Operations			

PHELAN PIÑON HILLS
COMMUNITY SERVICES DISTRICT
STANDARD 1" AND 2" AIR AND VACUUM
COMBINATION VALVE ASSEMBLY



STD. DWG. No.

W-14