



**NOTES:**

- (A) A 1/8" SQ. MESH, GALVANIZED SCREEN SHALL BE EPOXIED INTO OPEN STREET ELL.
- (B) STATION, LOCATION, AND SPECIAL NOTES PER PLAN AND PROFILE SHEETS.
- (C) BREAK-OFF BOLTS, CADMIUM-PLATED OR GALVANIZED. INSTALL WITH NUT ON TOP AND COUNTER-BORE, PACKED WITH SILICONE.
- (D) BEARING BLOCK SHALL NOT REST ON MAIN AND SHALL BE NOTCHED ON BOTH SIDES PER CWD-500

**BILL OF MATERIALS**

ITEM	QUANTITY	REFERENCE
(1) 4" FLANGED OUTLET	1	CWD-300
(2) 4" 90° ELL (FL x FL)	1	
(3) 4" RW GATE VALVE (FL x MJ)	1	
(4) 4" DUCTILE IRON PIPE, PRESSURE CLASS 350	VARIABLE	
(5) 4" 90° ELL (MJ x MJ)	1	
(6) 4" ADAPTER (FL x MJ)	1	
(7) 4" UNIVERSAL AIR VALVE	1	
(8) 4" 90° GALV STREET ELL	1	
(9) 8" GATE BOX CAP, GALV SPLIT-SLEEVE, AND 12 GA STL PIPE	1	CWD-500
(10) FLANGE INSULATION KIT AS REQUIRED PER SPECIFICATIONS	1	
(11) 1/2" BRASS GV 1/2" x 2" BRASS NIPPLE, 1/2" BRASS STREET ELL, & 1/2" BRASS PLUG	1	
(12) 4" TEMP GATE VALVE AND NIPPLE FOR FLUSHING AND SAMPLING	1	
(13) 4" 90° GALV ELL W/ NIPPLE	1	



WATER DISTRIBUTION & TRANSMISSION  
PIPELINE CONSTRUCTION METHODS

**TYPICAL 4" AIR VALVE  
INSTALLATION**