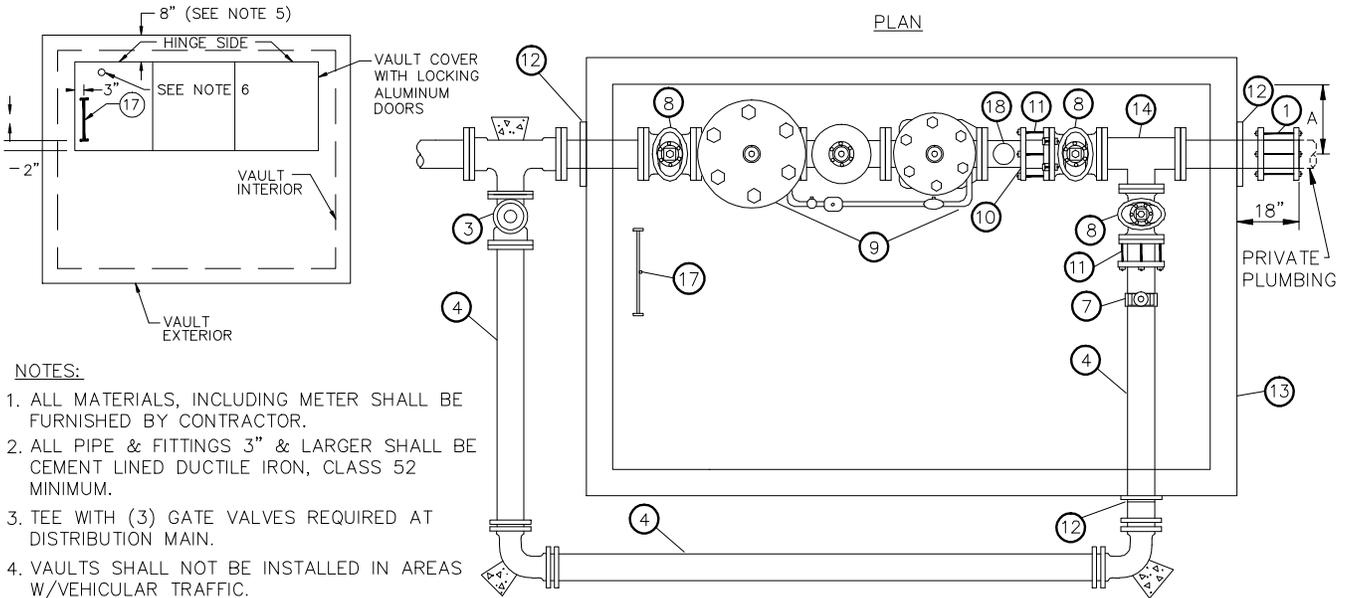
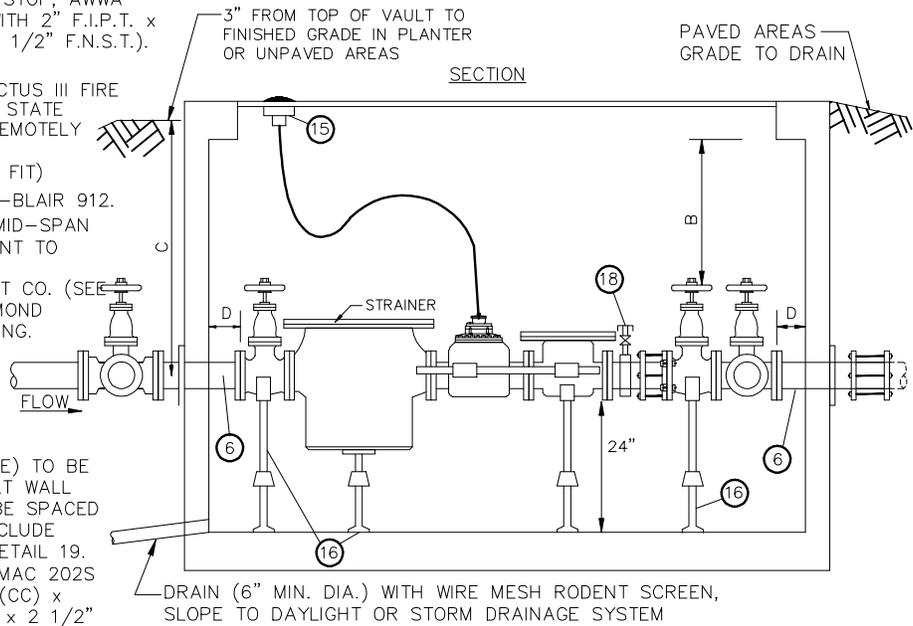


MATERIALS LIST - (ALL SIZES ARE SAME AS METER UNLESS OTHERWISE LISTED)

- ① 1-MECH CPLG. TO FIT, EQUAL TO ROMAC 501
- ② 1-TEE, M.J. x FL.
- ③ 1-GATE VALVE, F.L.x M.J. (W/VALVE BOX & COVER)
- ④ 3-D.I. PIPE, P.E., LENGTH AS REQUIRED
- ⑤ 2-90° BEND, M.J.
- ⑥ 2-D.I. PIPE, P.E.xFL., LENGTH AS REQUIRED.
- ⑦ 1-SERVICE SADDLE, ROMAC 202S OR EQUAL (TAP POINTED UP AT 12-O'CLOCK). 1-CORPORATION STOP, AWWA TAPER(CC) x M.I.P.T. FORD FB400-7, WITH 2" F.I.P.T. x 2 1/2" M.N.S.T. ADAPTER PLUS CAP (2 1/2" F.N.S.T.). 3-GATE VALVE, FL.
- ⑧ 1-NEPTUNE HIGH PERFORMANCE PROTECTUS III FIRE SERVICE METER WITH "E-CODER" SOLID STATE ABSOLUTE ENCODER REGISTERS THAT REMOTELY READ IN 100 CUBIC FOOT INCREMENTS.
- ⑩ 1-D.I. ADAPTER FL. x P.E., (LENGTH TO FIT)
- ⑪ 2-FLxCPLG. ADAPTER, EQUAL TO SMITH-BLAIR 912.
- ⑫ WELDED FL. RESTRAINT OR MEGA-LUG MID-SPAN RESTRAINT AND THRUST BLOCK ADJACENT TO VAULT DETAIL W-56.
- ⑬ PRECAST CONC. VAULT BY UTILITY VAULT CO. (SEE TABLE FOR MODEL NO.) W/ THREE DIAMOND PLATE DOORS RATED FOR HS-25 LOADING.
- ⑭ 1-TEE, FL.
- ⑮ SENSOR (TO MOUNT IN VAULT ACCESS DOOR.)
- ⑯ 4-ADJUSTABLE STANCHIONS BOLTED TO FLOOR.
- ⑰ 1-GALVANIZED STEEL LADDER (1'-4"WIDE) TO BE BOLTED TO VAULT FLOOR AND TO VAULT WALL AT THREE LOCATIONS. RUNGS SHALL BE SPACED AT 12" ON CENTER. LADDER SHALL INCLUDE BILCO MODEL LU-2 LADDER-UP, SEE DETAIL 19.
- ⑱ 2" TEST PORT, 2" SERVICE SADDLE, ROMAC 202S (TOP UP), 2"-CD12PSTUP AWWA TAPER(CC) x M.I.P.T. FORD FB400-7 WITH 2" F.I.P.T. x 2 1/2" M.N.S.T. ADAPTOR PLUS CAP (2-1/2" F.N.S.T.).

METER SIZE	MAIN-LINE	BYPASS	CORP STOP FOR FLUSH PORT-SIZE	MIN. CLEARANCES				VAULT MODEL	VAULT COVER * (W/SPECIAL OFFSET)
				A	B	C	D		
8"	8"D.I.	8" D.I.	2"	21"	6"	5'-0"	6"	712-LA	712TL-3-332P

* COVER MODIFIED PER NOTE 5.



NOTES:

1. ALL MATERIALS, INCLUDING METER SHALL BE FURNISHED BY CONTRACTOR.
2. ALL PIPE & FITTINGS 3" & LARGER SHALL BE CEMENT LINED DUCTILE IRON, CLASS 52 MINIMUM.
3. TEE WITH (3) GATE VALVES REQUIRED AT DISTRIBUTION MAIN.
4. VAULTS SHALL NOT BE INSTALLED IN AREAS W/VEHICULAR TRAFFIC.
5. VAULT COVER SHALL INCLUDE 3 LOCKING ALUMINUM LW TYPE HATCH DOORS (PART NO. HHS-42"x42") WITH LIGHT BLAST 5086 SKID RESISTANCE APPLICATION. DOORS SHALL BE CAST IN COVER WITH 8" SPECIAL OFFSET FROM VAULT WALL, AS SHOWN. COVER TO READ "WATER".
6. PROVIDE 2 1/4" DIAM. OPENING IN STEEL DOOR FOR SENSOR.
7. ALL FITTINGS OUTSIDE VAULT SHALL INCLUDE THRUST BLOCKING AND JOINT RESTRAINT DEVICES.
8. MINIMUM 2' OF LEVEL, UNOBSTRUCTED AREA AROUND HATCHES.



City of Bellevue

WATER UTILITY

TITLE

8" DOMESTIC METER INSTALLATION

NO. W-34