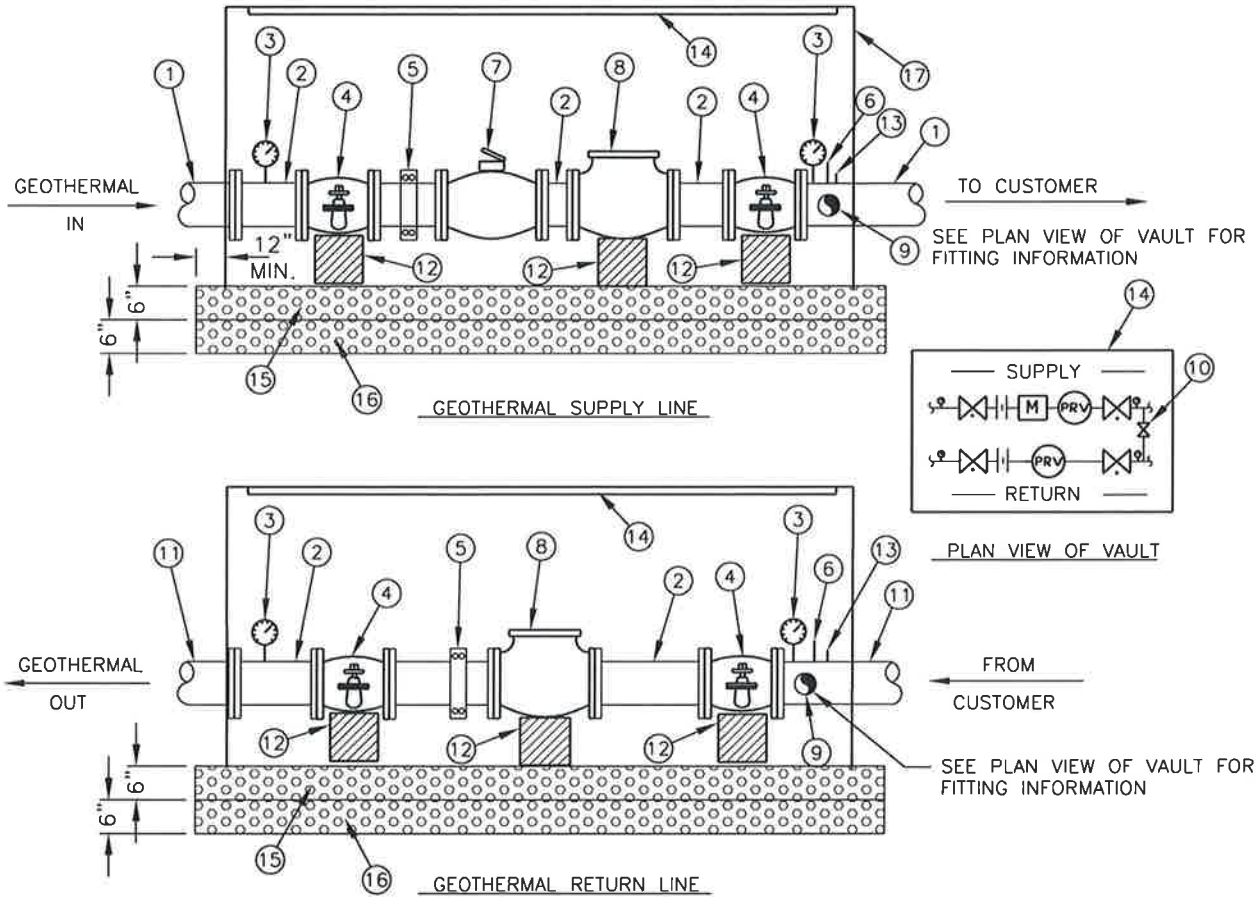
REFERENCE ENGINEERING SPECIFICATIONS: WATER SERVICE ASSEMBLIES: 404211
FOR METER, METER BOXES AND PIPING; MATERIALS AND INSTALLATION.



ITEM	QTY	DESCRIPTION
1	___FT	___" SERVICE LATERAL: SUPPLY (SPECIFY STEEL OR DUCTILE IRON)
2	4 EA	___" FLANGED SPOOL, STEEL (LENGTH VARIES)
3	4 EA	PRESSURE GAUGE (0 – ___PSI) ON 1/4" RISER W/SNUBBER
4	4 EA	___" WAFER VALVE
5	2 EA	___" SPLIT STEEL SPOOL WITH VICTAULIC COUPLING
6	2 EA	THERMAL SENSOR (RANGE ___°F – ___°F) MODEL _____ (WELL & PROBE)
7	1 EA	___" HOT WATER TURBINE METER W/REMOTE READ (SEE SBMWD STD. DWG. W1.15 FOR APPROVED LIST)
8	2 EA	___" PRESSURE REDUCING / SUSTAINING VALVE
9	___FT	___" BY-PASS LOOP (SEE DETAIL)
10	1 EA	___" HAND OPERATED GATE VALVE (SEE DETAIL)
11	___FT	___" SERVICE LATERAL: RETURN (SPECIFY STEEL OR D.I.)
12	6 EA	8" CONCRETE BLOCK
13	2 EA	1/2" P-T PLUGS
14	1 EA	4' x 6' DOUBLE DOOR ACCESS HATCH PER SBMWD STD. DWG. W6.21
15	----	INSTALL MIN. 6" THICK 3/4" CRUSHED ROCK GRAVEL (NO FINES)
16	----	INSTALL 6" THICK BACKFILL (SE 30) OR BETTER, 95% COMPACTION.
17	----	4' X 6" FIBERGLASS OR PRE-CAST CONCRETE VAULT (LARGER VAULT MAY BE REQUIRED)

REVISION DATE: 5/24/2016

D.D.M.	MAY 16	SAN BERNARDINO MUNICIPAL WATER DEPARTMENT	DRAWING NUMBER
F.D.L.	JAN. 13	**TYPICAL GEOTHERMAL SERVICES**	SBMWD
D.D.M.	APR. 11		
M.H.L.	MAY 05		W8.1
REVISION	DATE	APPROVED _____ MIGUEL J. GUERRERO, P.E. RCE C73239 DATE 6/27/16	
SCALE:	NONE		