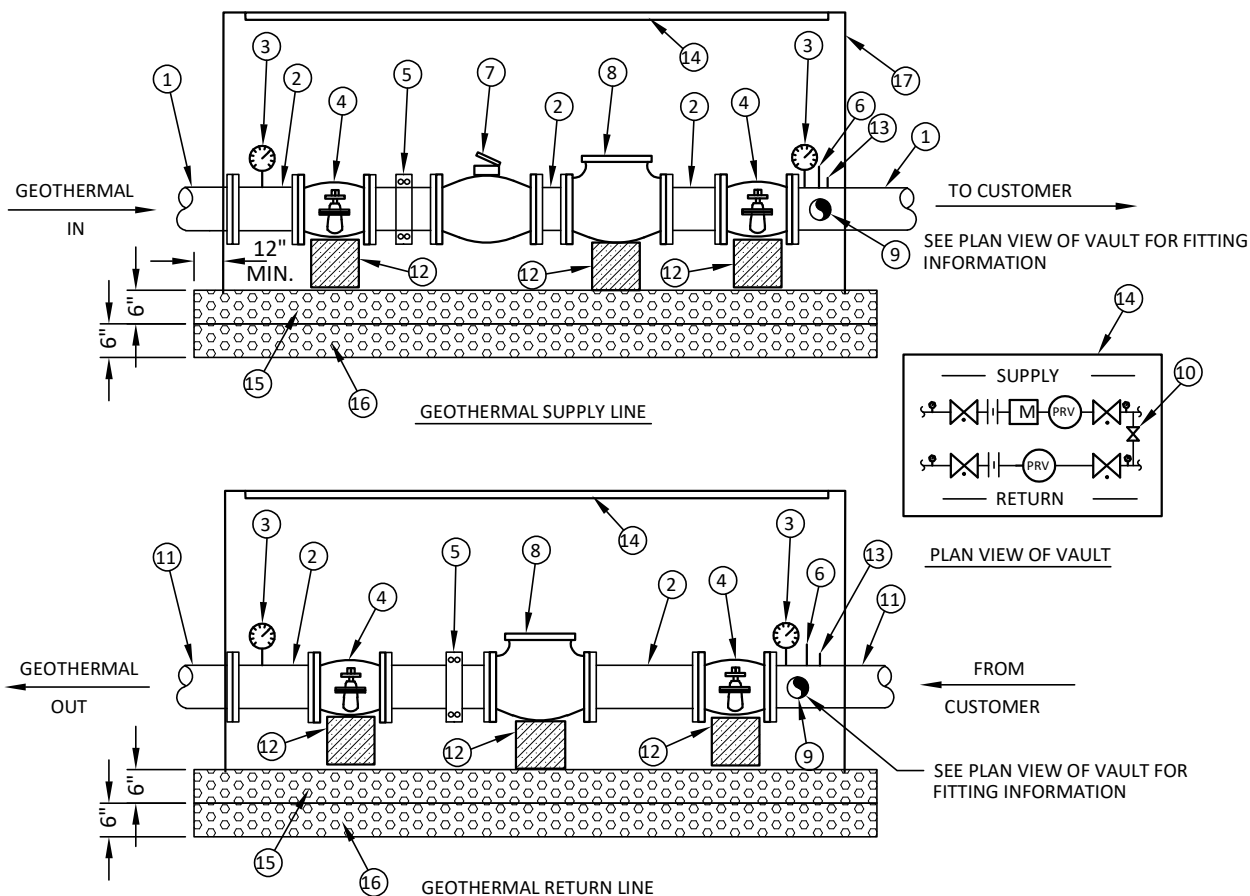


REFERENCE ENGINEERING SPECIFICATIONS; WATER SERVICE ASSEMBLIES: 404211 FOR METER, METER BOXES AND PIPING; MATERIALS AND INSTALLATION.



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 TYPICAL GEOTHERMAL SERVICES	DRAWING NUMBER
F.D.L.	JAN. 13		SBMWD
D.D.M.	APR. 11		W8.1
M.H.L.	MAY 05		
REVISION	DATE		
SCALE: NONE		APPROVED  DATE 07/04/2019 WARREN HUANG, P.E. RCE 49208	