

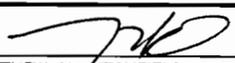
ITEM                      DESCRIPTION

- ① TAPPING SLEEVE OR FULL WRAP WELD ON NOZZLE
- ② TAPPING VALVE, SEE SBMWD STD. DWG. W3.1
- ③ EXISTING COUPLING, COLLAR OR PIPE JOINT
- ④ CONCRETE THRUST BLOCK, IF REQUIRED. SEE SBMWD STD. DWG. W6.4A
- ⑤ SUPPORT VALVE AS REQUIRED, SEE SBMWD STD. DWG. W3.1
- ⑥ EXISTING PIPE, VERIFY MATERIAL TYPE, OUTSIDE DIAMETER, AND POTENTIAL CONFLICTS

NOTES:

1. CLEARANCE FROM A COLLAR OR PIPE JOINT SHALL BE A MINIMUM OF 2 FEET FROM THE EDGE OF TAPPING SLEEVE TO COLLAR OR PIPE JOINT. THE EXISTING PIPE SHALL BE EXPOSED SUFFICIENTLY TO ENSURE THAT SUCH MINIMUM CLEARANCE IS PROVIDED.
2. TRENCH SHALL MEET ALL CAL OSHA REQUIREMENTS.
3. GATE VALVE TO BE TEMPORARILY SUPPORTED DURING THE HOT TAP PROCESS.

REVISION DATE: 12/29/2010

		SAN BERNARDINO MUNICIPAL WATER DEPARTMENT		DRAWING NUMBER	
R.L.L.	DEC. 10	<b>EXCAVATION FOR HOT TAPS</b>		SBMWD	
D.D.M.	SEPT. 09			W3.7	
M.H.L.	FEB. 04				
REVISION	DATE	APPROVED 		DATE 10/11/11	
SCALE: NONE		MATTHEW H. LITCHFIELD, P.E. RCE 58079			