



ALL EQUALS TO BE APPROVED BY WATER RESOURCES DIVISION.

CONSTRUCTION ITEMS / MATERIALS LIST			
NO.	SIZE AND DESCRIPTION	MANUFACTURER	MFR. CAT. NO.
①	TAPPING SLEEVE (EPOXY COATED & STAINLESS STEEL BOLTS)	FORD SMITH-BLAIR	FTSC 622
②	GATE VALVE, FLG. x P.J. OR M.J., (RESILIENT WEDGE)	CLOW OR EQUAL	_____
③	VALVE BOX FRAME & COVER, C.I. PER STD. PLAN 1410	BROOKS	NO. 4TT FIG.920 / FIG. 921 FOR TRAFFIC USE OR EQUAL
④	P.V.C. PIPE, 8", SCHEDULE 40	_____	_____

NOTES:

1. ALL BURIED BOLTS SHALL BE COATED WITH 2 COATS OF MASTIC SUCH AS "3M" BRAND EC 244 OR EQUAL.
2. ALL BURIED IRON SHALL BE WRAPPED WITH 1 LAYER OF 10 MIL POLYETHYLENE SHEETING TAPED IN PLACE.
3. ALL TAPPING SLEEVES MUST BE 24" (MIN.) FROM THE NEAREST JOINT OR SERVICE.
4. APPLICABLE ONLY FOR C900 PVC, CAST IRON, AND DUCTILE IRON AND WATER MAINS.

(A) THRUST BLOCK DETAILS (SEE STANDARD #1412, CONDITION 1).

(B) PAVEMENT BASE MATERIAL OR COMPACTED SOIL.

APPROVED: *Namir Sabah* DATE: *3/8/2016*

CITY OF SANTA ANA
PUBLIC WORKS AGENCY



DATE		REVISION
9/28/01	A.F.	UPDATED, AND NOTE UPDATE
8/12/09	R.R.	REVISE MANUFACTURER LIST
6/4/13	J.A.	UPDATED
8/31/15	J.B.	UPDATED TAPPING SLEEVE SPECS.

TAPPING SLEEVE
AND GATE VALVE

STD. PLAN
NUMBER
1408