



CONSTRUCTION ITEMS / MATERIALS LIST

NO.	SIZE AND DESCRIPTION	MANUFACTURER	MFR. CAT. NO.
①	TAPPING SLEEVE ON EXISTING MAIN EPOXY COATED & STAINLESS STEEL BOLTS (FOR NEW WATER MAIN CONSTRUCTION USE D.I. TEE)	FORD SMITH-BLAIR	FTSC 622
②	GATE VALVE, 6" FLG. x P.J. OR M.J., (RESILIENT WEDGE)	CLOW OR EQUAL	_____
③	VALVE BOX FRAME & COVER, C.I.	BROOKS	NO. 4TT FIG.920 / FIG. 921 FOR TRAFFIC USE OR EQUAL
④	P.V.C. PIPE, 8", SCHEDULE 40	_____	_____
⑤	FIRE HYDRANT AND BURY ASSEMBLY:	CLOW OR EQUAL	MODEL 860
⑥	LATERAL PIPE 6"; CLASS 200, C900 P.V.C.	_____	_____
⑦	#12 AWG WIRE, DIRECT BURY, HIGH MOL. WEIGHT POLY.	COPPERHEAD OR EQUAL	1230-HS-500 ROADWAY BOX RB14 -TP
⑧	TRACER WIRE BOX	SNAKEPIT	CD14-TP
⑨	CHECK VALVE	CLOW OR EQUAL	CLOW MODEL 3400A

NOTES:

1. ALL BURIED BOLTS SHALL BE COATED WITH 2 COATS OF MASTIC SUCH AS "3M" BRAND EC 244 OR EQUAL.
2. ALL FIRE HYDRANTS SHALL HAVE A CONCRETE PAD 4'x4'x4"
3. FIRE HYDRANT SPECIFICATIONS: 5-1/2" MIN. - 7" WET BARREL, 1-4" PUMPER NOZZLE; AND 2-2 1/2" HOSE NOZZLE SIX HOLE LA DRILL PATTERN W/ REMOVABLE 4" OUTLESTS, DUCTILE IRON WET BARREL HYDRANT, 1 1/8" PENTAGONAL NUT ON CAST IRON CAPS SECURED W/LINKED CHAINS, POWDER COATED EPOXY POLAR WHITE, VALVE SYSTEMS INSTALLED WITH 1 1/8" DUMMY NUT

(A) THRUST BLOCK DETAILS (SEE CITY STD. PLAN 1412, CONDITION 2).

(B) PAVEMENT BASE MATERIAL OR COMPACTED SOIL.

APPROVED: Naamid Saha DATE: 3/8/2016

CITY OF SANTA ANA
PUBLIC WORKS AGENCY



DATE		REVISION
5/16/05	A.F.	PIPE CLASS
8/19/05	A.F.	NOZZLE PROVISION
11/2/05	J.B.	DRAIN VALVE PLUG
6/4/13	J.A.	UPDATED
3/1/16	R.R.	CHANGE TO WET BARREL

WET BARREL FIRE
HYDRANT INSTALLATION

STD. PLAN
NUMBER
1405