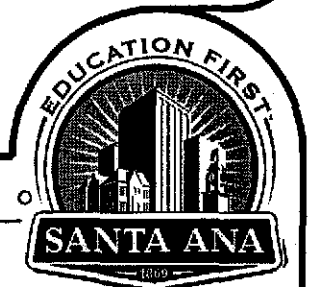


STANDARD PLAN

NUMBER

CONVENTIONAL SYMBOLS _____	1100
1" COPPER WATER SERVICE _____	1401
2" COPPER WATER SERVICE _____	1402
3" DOMESTIC WATER SERVICE _____	1403A
4" DOMESTIC WATER SERVICE _____	1403B
6" DOMESTIC WATER SERVICE _____	1403C
3", 4", AND 6" WATER SERVICE VAULT _____	1403D
DRY BARREL FIRE HYDRANT INSTALLATION _____	1405
FIRE HYDRANT WITH PROTECTIVE CURB _____	1407
TAPPING SLEEVE AND GATE VALVE _____	1408
GATE VALVE INSTALLATION FOR RESIDENTIAL STREETS _____	1410
GATE VALVE INSTALLATION FOR ARTERIAL AND COLLECTOR STREETS _____	1410A
BUTTERFLY VALVE INSTALLATION _____	1410B
STANDARD LOCATIONS OF UNDERGROUND UTILITIES _____	1411
THRUST BLOCK INSTALLATION _____	1412
WATER MAIN TYPE 1 - VERTICAL OFFSET _____	1413A



APPROVED:

DATE: 11/26/08

Thomas [Signature]

CITY OF SANTA ANA
PUBLIC WORKS AGENCY

DATE		REVISION
2/15/02	A.F.	1405
11/2/05	J.B.	1405, 1413A, 1413B
3/17/08	R.R.	1410B

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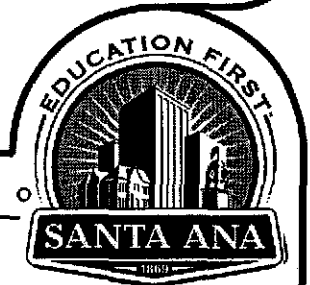
STANDARD PLAN

NUMBER

WATER MAIN TYPE 2 - VERTICAL OFFSET _____	1413B
2" BLOW OFF ASSEMBLY _____	1414
AIR AND VACUUM RELEASE VALVE ASSEMBLY (1") _____	1415
FIRE SERVICE _____	1417
VERTICAL BEND ANCHOR _____	1420
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CASE I - SEPARATION OF DOMESTIC WATER MAIN FROM SANITARY SEWERS AND NON-DOMESTIC WATER MAINS _____	1427
CASE II - SEPARATION OF SANITARY SEWERS AND NON-DOMESTIC WATER MAINS FROM WATER MAINS _____	1427A
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2.00 SPECIAL PROVISIONS _____	7-24



APPROVED: *[Signature]* DATE: 11/26/08

CITY OF SANTA ANA
PUBLIC WORKS AGENCY

DATE		REVISION
6/5/00	C.E.B.	ADDED TRENCH DETAIL
9/28/01	A.F.	STD. 1417, 1420, 1428
8/19/03	A.F.	STD. 1428
9/2/08	R.R.	ADDED STD 1414 & 1429

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