


①	2" DOUBLE STRAP SERVICE CLAMP. SEE WATER SERVICE STANDARD DRAWING.
②	2" CORPORATION STOP. SEE WATER SERVICE STANDARD DRAWING.
③	2" SERVICE TUBE, TYPE "K" SOFT OR HARD COPPER
④	BALL VALVE STEM ADAPTER J-2816 (REQUIRED FOR 2" SERVICE)
⑤	2" C.T.S. COMPRESSION x M.I.P. BALL VALVE BRASS THREAD; JONES J-1957
⑥	ADAPTOR, SWEAT X MIP
⑦	COPPER TEE, ALL SWEAT - 2"x2"; SERVICE LINE SHALL BE AT OR NEAR CENTER OF MANIFOLD.
⑧	COPPER TEE, ALL SWEAT - 2"x1"
⑨	COPPER REDUCING ELL, SWEAT x SWEAT-2"x1"
⑩	1" SERVICE TUBE TYPE "K" SOFT COPPER
⑪	1" COMPRESSION ANGLE STOP. SEE WATER SERVICE STANDARD DRAWING.
⑫	WATER METER. SEE WATER SERVICE STANDARD DRAWING.
⑬	JUMPER METER. SEE WATER SERVICE STANDARD DRAWING.
⑭	METER BUSHING. SEE WATER SERVICE STANDARD DRAWING.
⑮	BALL VALVE. SEE WATER SERVICE STANDARD DRAWING.
⑯	EACH 2" SERVICE LINE SHALL SERVE NO MORE THAN FOUR (4) 1" METERS OR EIGHT (8) 5/8"x3/4" METERS. METERS LARGER THAN 1" SHALL BE SERVED BY SEPARATE 2" SERVICE LATERAL, UNLESS AN ALTERNATIVE CONFIGURATION IS APPROVED BY THE CITY ENGINEER. IF INSTALLING MORE THAN FOUR (4) METERS ON A SINGLE MANIFOLD, ANGLE METER STOPS SHALL BE 1-INCH BY 3/4"-INCH OUTLET TO PREVENT FUTURE UP-SIZING OF METERS. A 1" SERVICE LINE SHALL SERVE NO MORE THAN TWO (2) 5/8"x3/4" METERS. EXTRA TRACER WIRE SHALL BE COILED IN THE METER BOX CLOSEST TO THE SERVICE LINE.
⑰	SEE WATER METER BOX STANDARD DRAWING.

RICHARD G. SWEET R.C.E. 44-213 EXP. 6/30/07		DATE	1/20/05
REVISIONS		BY	APP
A	UTILITY DEPARTMENT REVISIONS	CJP	8/25/08
DRAWN BY: P.J.C.		DATE DRAWN: 12/82	
SCALE: NONE		SHEET 1 OF 1	



City of Santa Maria
Standard Drawing

DESCRIPTION:
MANIFOLD WATER SERVICE

STANDARD NUMBER
WA-23A