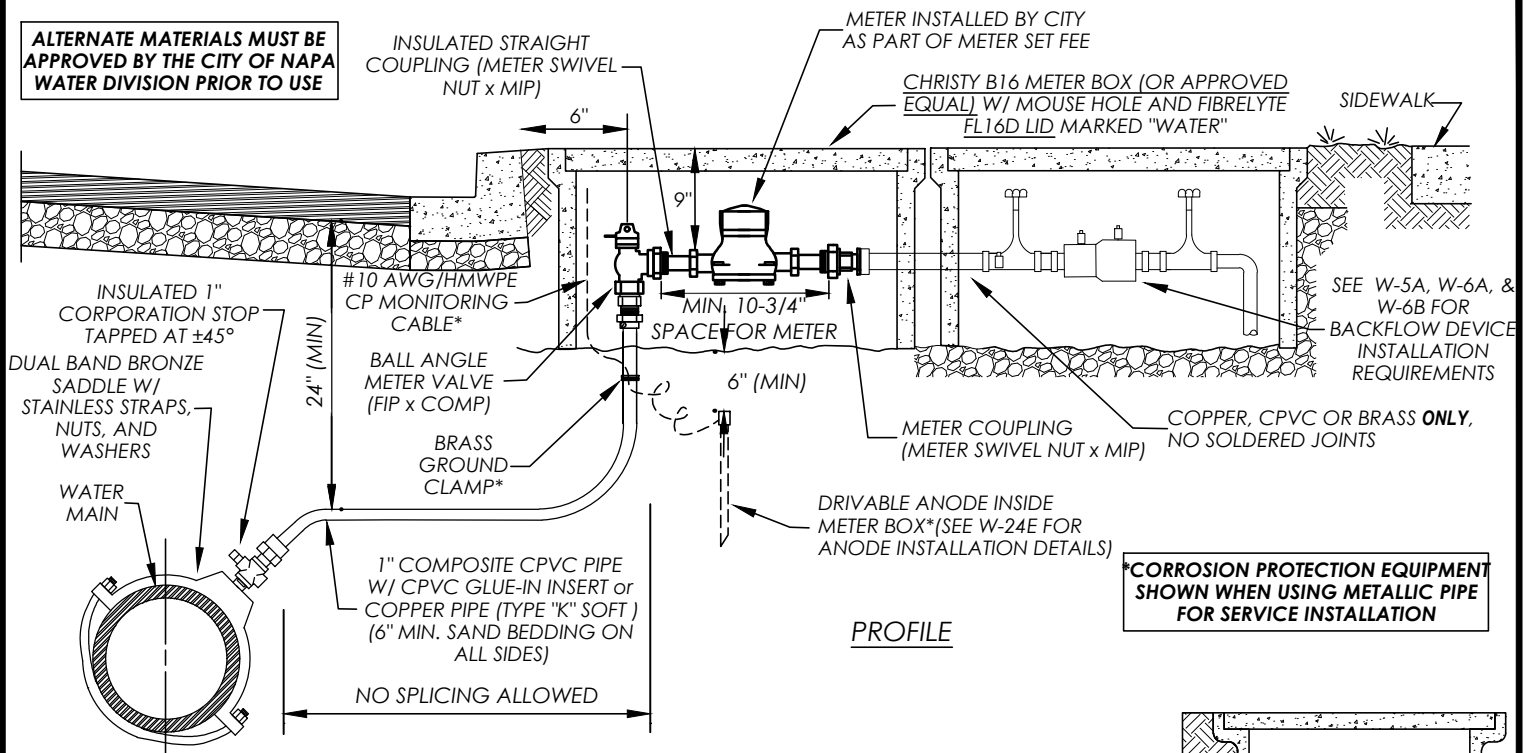


ALTERNATE MATERIALS MUST BE APPROVED BY THE CITY OF NAPA WATER DIVISION PRIOR TO USE



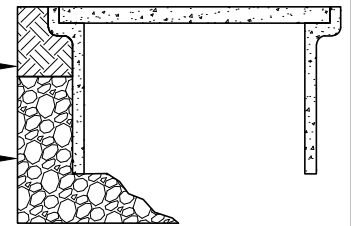
APPROVED FITTINGS		
DESCRIPTION	MUELLER	FORD
BRASS METER IDLER	H-10887	-
BALL ANGLE METER VALVE (FIP x COMP)	B-24274	-
METER COUPLING (METER SWIVEL NUT x COMP)	H-14201	-
INSUL. CORPORATION STOP (MIP x COMP)	N-35028**	-
INSUL. STRAIGHT COUPLING (METER SWIVEL NUT x MIP)	H-10871**	-
DUAL BAND BRASS SADDLE	BR2S or BR2W	202BSD

**** SHALL BE INSULATED FITTINGS BY MUELLER OR JONES**

PROFILE

CORROSION PROTECTION EQUIPMENT SHOWN WHEN USING METALLIC PIPE FOR SERVICE INSTALLATION

6" OF TOPSOIL
 3/4" CLEAN CRUSHED GRAVEL:
 - 6" (MIN) ON ALL SIDES
 - 6" (MIN) ON BOTTOM
 - INSIDE METER BOX TO 4" BELOW WATER METER



DETAIL
 METER BOX INSTALLATION

NOTES

1. OBSTRUCTIONS: METERS SHALL BE PLACED 3-FT MIN. FROM ANY OBSTRUCTION (SIGNS, FENCES, MAILBOX, ETC.). METERS SHALL BE INSTALLED 10-FT MIN. FROM TREES (5-FT MIN. FROM SHRUBS). SEE W-18 FOR ADDITIONAL DETAILS.
2. WATER-SEWER SEPARATION: WATER-SEWER (OR WATER-RECYCLED WATER) SEPARATION SHALL COMPLY WITH ALL CALIFORNIA DEPARTMENT OF HEALTH SERVICES REQUIREMENTS. WATER SERVICES SHALL BE 10-FT MIN. (PARALLEL) AND 1-FT MIN. ABOVE (PERPENDICULAR) ALL SEWER (OR RECYCLED WATER) UTILITIES.
3. HOT-TAP: HOT-TAPS TO ACTIVE WATER MAINS SHALL BE MADE BY CITY FORCES AT APPLICANT'S EXPENSE. SEE W-16 FOR HOT-TAP REQUIREMENTS. HOT-TAP SHALL BE INSTALLED 24" MIN. FROM ANY TAP, BELL, FITTING, WATER SERVICE, ETC.
4. METALLIC PIPE AND FITTINGS: BURIED SECTIONS SHALL BE WRAPPED WITH AN 8-MIL PLASTIC SLEEVE. COPPER PIPE NOT WRAPPED IN A PLASTIC SLEEVE SHALL BE NSF 61 APPROVED PLASTIC COATED COPPER TUBING (TYPE "K" SOFT BLUE IN COLOR). INSULATED COUPLING SHALL BE WRAPPED WITH 10-MIL HIGH TACK PIPE WRAP TAPE 3-FT MIN. TO EACH SIDE OF THE INSULATION POINT.
5. METER BOX AND SERVICE LINE INSTALLATION: INSTALL 3-FT MIN. OUTSIDE ANY VEHICULAR ACCESS WAY.
6. CURB ADJACENT SIDEWALK: INSTALL THE METER AT BACK OF CURB AS SHOWN. INSTALL BACKFLOW DEVICE BEHIND SIDEWALK.
7. BACKFLOW PREVENTION DEVICES: APPROVED DEVICES SHALL BE INSTALLED AND TESTED PRIOR TO THE INSTALLATION OF METERS. USE OF JUMPERS, HOSE BIBS, ETC. IS PROHIBITED.
8. TWO OR MORE SERVICES: INSTALLATION OF TWO OR MORE SERVICES REQUIRE CONNECTION OF PERMANENT ADDRESS TAGS FOR EACH METER WHICH SHALL BE DURABLY FIXED TO THE METER PRIOR TO WATER SERVICE ACTIVATION.
9. WATER SERVICE SIZE: ALL WATER SERVICES SHALL BE APPROPRIATELY SIZED FOR THE INTENDED USE. THE WATER DIVISION RESERVES THE RIGHT TO REQUIRE A WATER SERVICE ANALYSIS TO EVALUATE DEMANDS AND THE APPROPRIATENESS OF THE SERVICE SIZE(S). UNDERSIZED WATER SERVICES ARE PROHIBITED.

CITY OF NAPA

PUBLIC WORKS DEPARTMENT

3/4" AND 1" WATER SERVICE

DRAWN BY:	DCF	CHECKED BY:	MJH
DATE:	06/2018	APPROVED BY:	JRL
SCALE:	NONE	DRAWING NO.	W-1
FIELD NOTES:			