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

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

**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.