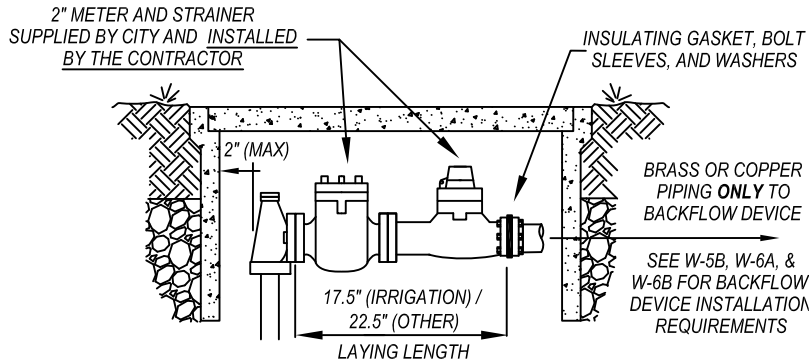


**SERVICE LINE INSTALLATION**

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



**2" METER INSTALLATION**

FLANGETYPE GASKETS BY U.S. PIPE SHALL BE USED FOR ALL FLANGED FITTINGS. INSULATING GASKETS SHALL BE TYPE E 1/8" THICK FULL-FACED NEOPRENE PHENOLIC GASKETS INSTALLED WITH GRADE G-10 FIBERGLASS EPOXY INSULATING BOLT SLEEVES AND WASHERS.

| APPROVED FITTINGS                 |                |
|-----------------------------------|----------------|
| DESCRIPTION                       | MUELLER        |
| INSULATED CORP. STOP (MIP x COMP) | N-35028-1 550N |
| 2" BRASS SQ. WRENCH NUT ADAPTER   | B-20299        |
| COUPLING (COMP x COMP)            | H-15403        |
| 90° BEND (COMP x COMP)            | H-15526        |
| ANGLE STOP (COMP x METER FLANGE)  | B-24276        |

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

**NOTES**

- 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.
- 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.
- 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.
- 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.
- METER BOX AND SERVICE LINE INSTALLATION:** INSTALL 3-FT MIN. OUTSIDE ANY VEHICULAR ACCESS WAY.
- CURB ADJACENT SIDEWALK:** INSTALL THE METER AT BACK OF CURB AS SHOWN. INSTALL BACKFLOW DEVICE BEHIND SIDEWALK.
- BACKFLOW PREVENTION DEVICES:** APPROVED DEVICES SHALL BE INSTALLED AND TESTED PRIOR TO THE INSTALLATION OF METERS. USE OF JUMPERS, HOSE BIBS, ETC. IS PROHIBITED.
- 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.
- 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

TITLE  
2" WATER SERVICE

|              |         |              |      |
|--------------|---------|--------------|------|
| DRAWN BY:    | DCF     | CHECKED BY:  | MJH  |
| DATE:        | 09/2019 | APPROVED BY: | MJH  |
| SCALE:       | NTS     | DRAWING NO.  | W-2B |
| FIELD NOTES: |         |              |      |