2" WATER SERVICE

NOTES

1. METER BOX AND SERVICE LINE SHALL BE INSTALLED 3-FT (MIN) OUTSIDE OF DRIVEWAY, DRIVEWAY APPROACHES, AND OTHER VEHICULAR ACCESS WAYS.
2. SERVICE LATERAL FROM MAIN TO METER SHALL BE 2-INCH TYPE "K" SOFT COPPER PIPE.
3. METER, STRAINER, ISOLATION GASKET (FOR METER ONLY), BOLT SLEEVES AND WASHERS ARE PROVIDED BY CITY OF NAPA AFTER PAYMENT OF METER SET FEE AND INSTALLED BY CONTRACTOR.
4. ALL BURIED SECTIONS OF METALLIC PIPE AND FITTINGS 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). BURIED INSULATING GASKET SHALL BE WRAPPED WITH 10-MIL TACK PIPE WRAP TAPE 3-FT (MIN) TO EACH SIDE OF THE INSULATION POINT.
5. EXISTING WATER MAINS SHALL BE HOT-TAPPED BY CITY FORCES AT DEVELOPER'S EXPENSE. HOT-TAP INCLUDES SADDLE VALVE, GS BOX, PVC RISER, AND MISC. FITTINGS. SEE W-16 FOR HOT-TAP REQUIREMENTS. HOT-TAP SHALL BE INSTALLED 36-IN (MIN) FROM ANY TAP, BELL, FITTING, OR OTHER WATER SERVICE.
6. APPROVED BACKFLOW PREVENTION DEVICES SHALL BE INSTALLED AND TESTED AND WATER METERS SHALL BE SET, PRIOR TO ANY USE OF WATER SERVICE. USE OF JUMPERS, HOSE BIBS, OR OTHER DEVICES SHALL NOT BE PERMITTED.
7. METERS SHALL BE PLACED A MINIMUM OF 3-FT (MIN) WITHOUT OBSTRUCTIONS (SIGN POST, MAIL BOX, FENCES, WALLS, ETC.). NO TREES SHALL BE PLANTED WITHIN 10-FT OR LARGE SHRUBS WITHIN 5-FT OF THE METER BOX. SEE W-18 FOR ADDITIONAL REQUIREMENTS.
8. SERVICES SHALL BE SIZED APPROPRIATELY FOR THE INTENDED USE OF THE SERVICE. WATER DIVISION MAY REQUEST AN ENGINEERED WATER ANALYSIS OF THE SYSTEM (NEW OR EXISTING) TO EVALUATE THE APPROPRIATENESS OF THE WATER SERVICE SIZE. NO UNDERSIZED WATER SERVICES SHALL BE PERMITTED.

CHRISBY G5 VALVE BOX W/ 8" PVC RISER PIPE

DUAL BAND BRONZE SADDLE W/ STAINLESS STRAPS, NUTS, & WASHERS

INSULATED 2" CORP. STOP (MIP x COMP)

WATER MAIN

2" ANGLE STOP (COMP x METER FLANGE)

2" COPPER PIPE (TYPE "K" SOFT)

2" COUPLING (COMP x COMP)

2" 90° BEND (COMP x COMP)

SERVICE LINE INSTALLATION

INSULATING GASKET, BOLT SLEEVES, AND WASHERS

BRASS OR COPPER PIPING ONLY TO BACKFLOW DEVICE

SEE CITY STD. W-5B, W-6A, & W-6B FOR BACKFLOW DEVICE INSTALLATION REQUIREMENTS

2" METER INSTALLATION

17.5" (IRRIGATION) / 22.5" (OTHER)
LAYING LENGTH

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

2" WATER SERVICE

WATER MAIN

DUAL BAND BRONZE SADDLE W/ STAINLESS STRAPS, NUTS, & WASHERS

INSULATED 2" CORP. STOP (MIP x COMP)

CHRISBY G5 VALVE BOX W/ 8" PVC RISER PIPE

DUAL BAND BRONZE SADDLE W/ STAINLESS STRAPS, NUTS, & WASHERS

INSULATED 2" CORP. STOP (MIP x COMP)