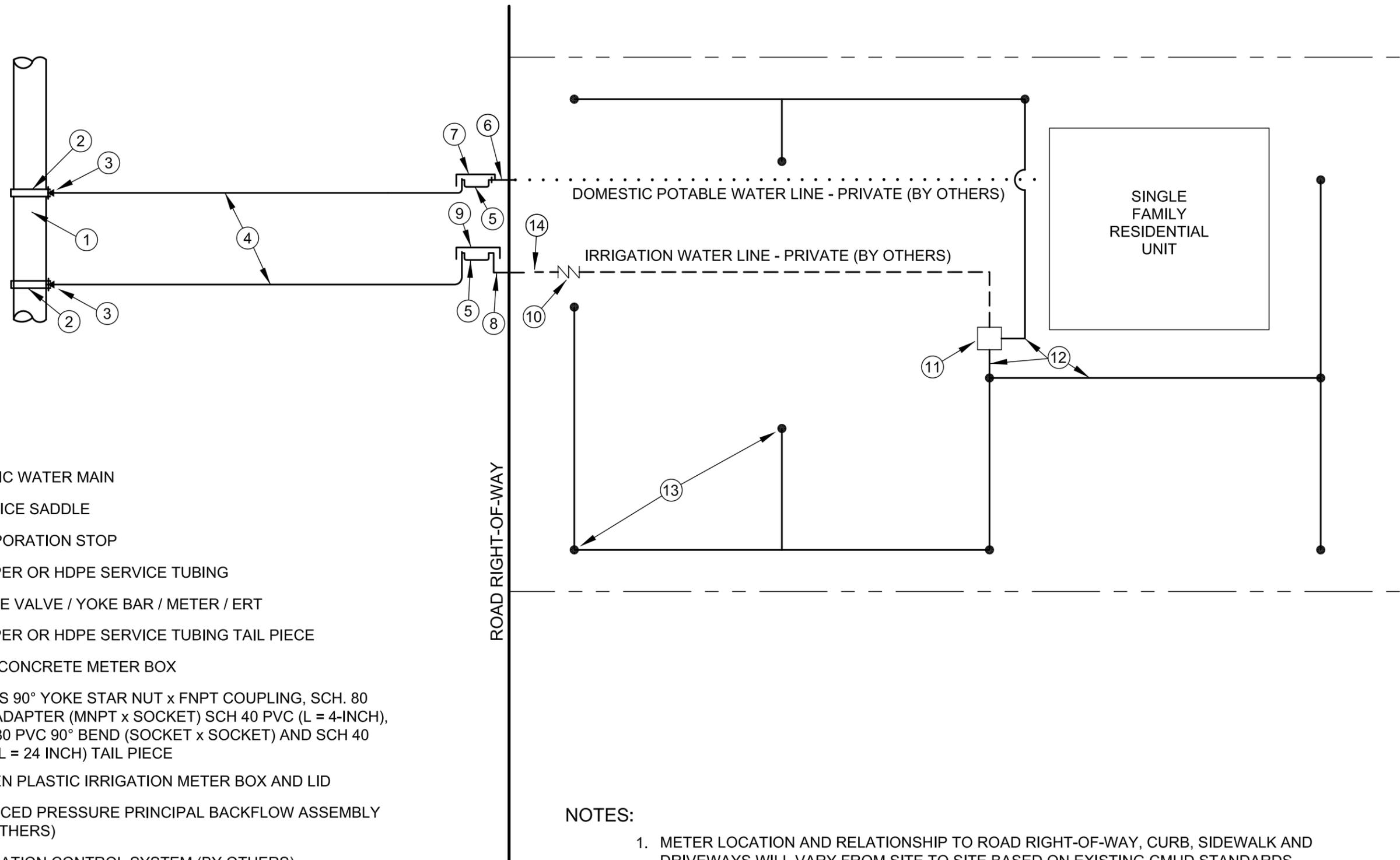


- ① PUBLIC WATER MAIN
- ② SERVICE SADDLE
- ③ CORPORATION STOP
- ④ COPPER OR HDPE SERVICE TUBING
- ⑤ ANGLE VALVE / YOKE BAR / METER / ERT
- ⑥ COPPER OR HDPE SERVICE TUBING TAIL PIECE
- ⑦ STD. CONCRETE METER BOX
- ⑧ BRASS 90° YOKE STAR NUT x FNPT COUPLING, SCH. 80 PVC ADAPTER (MNPT x SOCKET) SCH 40 PVC (L = 4-INCH), SCH 80 PVC 90° BEND (SOCKET x SOCKET) AND SCH 40 PVC (L = 24 INCH) TAIL PIECE
- ⑨ GREEN PLASTIC IRRIGATION METER BOX AND LID
- ⑩ REDUCED PRESSURE PRINCIPAL BACKFLOW ASSEMBLY (BY OTHERS)
- ⑪ IRRIGATION CONTROL SYSTEM (BY OTHERS)
- ⑫ IRRIGATION PIPE SYSTEM (BY OTHERS)
- ⑬ IRRIGATION SPRINKLER HEAD (BY OTHERS)
- ⑭ BRANCHES AND/OR IRRIGATION SPRINKLER HEADS ARE NOT PERMITTED BETWEEN IRRIGATION METER ⑨ AND BACKFLOW ASSEMBLY ⑩



NOTES:

1. METER LOCATION AND RELATIONSHIP TO ROAD RIGHT-OF-WAY, CURB, SIDEWALK AND DRIVEWAYS WILL VARY FROM SITE TO SITE BASED ON EXISTING CMUD STANDARDS.
2. CMUD MAINTENANCE ENDS AT THE METER ASSEMBLY, AT THE LAST BRASS FITTING.
3. METER BOXES SHALL BE INSTALLED SIDE BY SIDE, WITH 3 FT. MIN. AND 8 FT. MAX. CLEARANCE.
4. SOLVENT WELDS ON PVC PIPE / FITTINGS SHALL BE CLEANED AND PRIMED PRIOR TO APPLYING GLUE.

NO SCALE

STANDARD NO. 4

VERSION NO. V2.1
VERSION DATE 6.29.2009

3/4 OR 1 INCH DOMESTIC WATER SERVICE WITH
DEDICATED 3/4 OR 1 INCH IRRIGATION SERVICE
BACKFLOW AT ROAD RIGHT-OF-WAY / NO DUAL CHECK AT METER

CHARLOTTE-MECKLENBURG
UTILITIES

STANDARD DETAILS
WATER

