



- ① PUBLIC WATER MAIN
- ② SERVICE SADDLE
- ③ CORPORATION STOP
- ④ 3/4" COPPER OR HDPE SERVICE TUBING
- ⑤ BRANCH / TEE - (MUELLER H - 15381, FORD T444 - 333, OR McDONALD 4760T)
- ⑥ ANGLE VALVE / YOKE BAR / METER / ERT
- ⑦ 3/4" COPPER OR HDPE SERVICE TUBING TAIL PIECE
- ⑧ STD. CONCRETE METER BOX
- ⑨ BRASS 90° YOKE STAR NUT x FNPT COUPLING, SCH. 80 PVC ADAPTER (MNPT x SOCKET), 3/4" SCH 40 PVC (L= 4 INCH), SCH 80 PVC 90° BEND (SOCKET x SOCKET) AND 3/4" SCH 40 PVC (L = 24INCH) TAIL PIECE.
- ⑩ GREEN PLASTIC IRRIGATION METER BOX AND LID
- ⑪ TEMPORARY LINE STOP, WITH ICE PLUG/PIPE FREEZING ON COPPER TUBING, OR WITH PIPE CRIMPING ON HDPE TUBING. (OMIT WITH NEW CONSTRUCTION).
- ⑫ REDUCED PRESSURE PRINCIPAL BACKFLOW ASSEMBLY (BY OTHERS)
- ⑬ IRRIGATION CONTROL SYSTEM (BY OTHERS)
- ⑭ IRRIGATION PIPE SYSTEM (BY OTHERS)
- ⑮ IRRIGATION SPRINKLER HEAD (BY OTHERS)
- ⑯ BRANCHES AND/OR IRRIGATION SPRINKLER HEADS ARE NOT PERMITTED BETWEEN IRRIGATION METER ⑩ AND BACKFLOW ASSEMBLY ⑫

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. DOMESTIC SERVICE SHALL BE ON THE RUN OF THE TEE, AND IRRIGATION SERVICE SHALL BE ON THE BRANCH OF THE TEE, AS SHOWN.
4. METER BOXES SHALL BE INSTALLED SIDE BY SIDE, WITH 2 FT. MIN. AND 5 FT. MAX. CLEARANCE.
5. SOLVENT WELDS ON PVC PIPE / FITTINGS SHALL BE CLEANED AND PRIMED PRIOR TO APPLYING GLUE.
6. SERVICES SHALL BE ALL COPPER OR HDPE SERVICE TUBING. DO NOT MIX SERVICE TUBING MATERIALS.

NO SCALE

STANDARD NO.

2

VERSION NO.

V2.2

VERSION DATE

7.21.2009

CHARLOTTE-MECKLENBURG UTILITIES
STANDARD DETAILS
WATER

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

