

Revisions

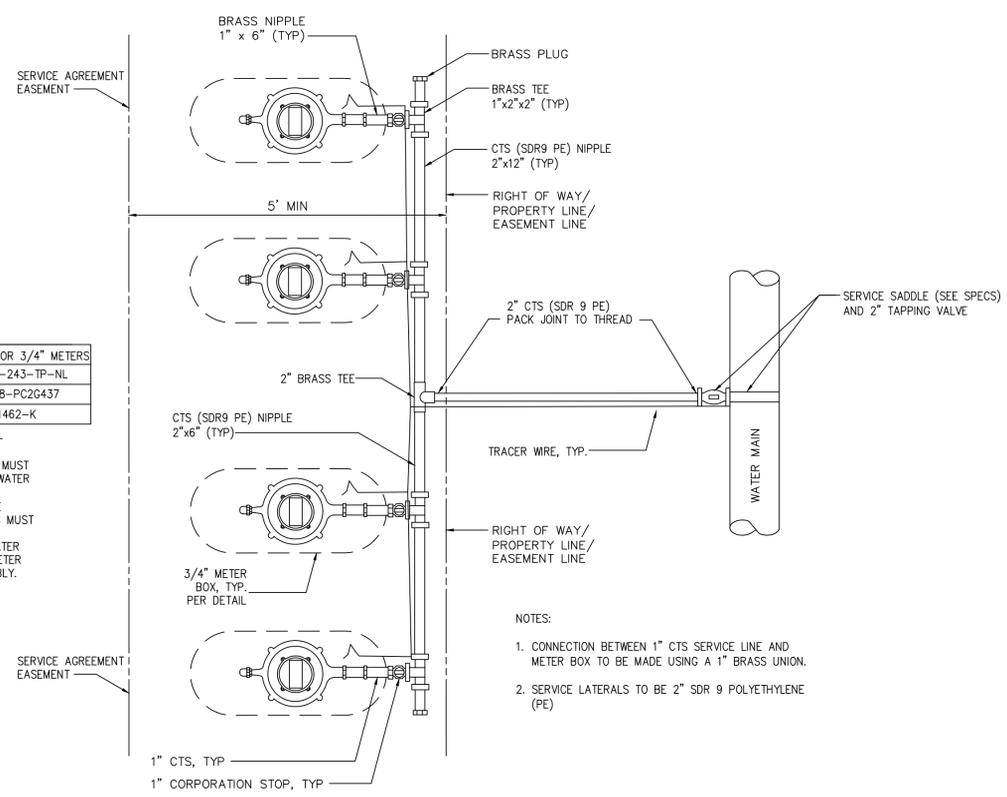
1.01 - DATED 3/7/2013
1.02 - DATED 4/5/2013
1.03 - DATED 7/15/2015
1.04 - DATED 10/27/2015
1.05 - DATED 12/8/2016
1.06 - DATED 3/6/2017
1.07 - DATED 3/22/2017
1.08 - DATED 10/29/2018
1.09 - DATED 09/01/2022
1.10 - DATED 09/04/2025
Modified Detail W-6

COUNTY OF BRUNSWICK



GENERAL WATER DETAILS FOR
BRUNSWICK COUNTY
 NORTH CAROLINA

Date: 05-23-12
 Scale: NTS
 Drawn By: JDM
 Checked By: WLP



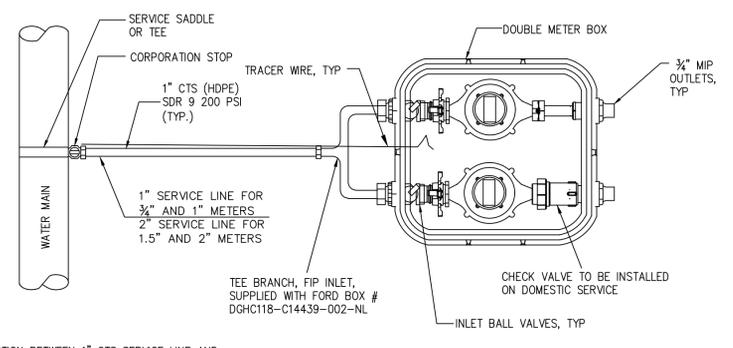
STANDARD GANG METER ASSEMBLY
 DETAIL W-5

APPROVED SINGLE METER BOXES FOR 3/4" METERS

FORD	LYLV-141-243-TP-NL
McDONALD	776-208-PC2G437
MUELLER	H-1462-K

- * OR APPROVED EQUAL
- 1. OR APPROVED EQUAL - MUST ACCOMMODATE SENSUS WATER METER WITH AMR/AMI
- 2. LID TO BE LOCKING TYPE
- 3. ALL GANGED ASSEMBLIES MUST HAVE A TRACER WIRE INSTALLED FROM THE WATER MAIN TO INSIDE EACH METER BOX OR GANGED ASSEMBLY.

- NOTES:
1. CONNECTION BETWEEN 1" CTS SERVICE LINE AND METER BOX TO BE MADE USING A 1" BRASS UNION.
 2. SERVICE LATERALS TO BE 2" SDR 9 POLYETHYLENE (PE)



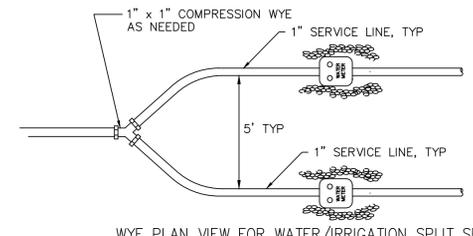
- NOTES:
1. CONNECTION BETWEEN 1" CTS SERVICE LINE AND YOKE BOX TO BE MADE USING A 1" BRASS UNION.
 2. ALL WATER SERVICE LATERALS SHALL HAVE A TRACER WIRE INSTALLED FROM THE WATER MAIN TO INSIDE THE METER BOX.

PLAN VIEW FOR WATER/IRRIGATION SPLIT SERVICE
 (WATER/IRRIGATION SERVICES INSTALLED CONCURRENTLY)

ACCEPTABLE DOUBLE METER BOXES

FORD	DGH118-C14439-002-NL
MCDONALD	773N208BCGP 434TCX001

- * OR APPROVED EQUAL
- 1. OR APPROVED EQUAL - MUST ACCOMMODATE TWO (2) SENSUS WATER METERS WITH AMR/AMI LID TO BE LOCKING TYPE
- 2. DOUBLE METER BOX IS FOR (2) 3/4" METERS ONLY

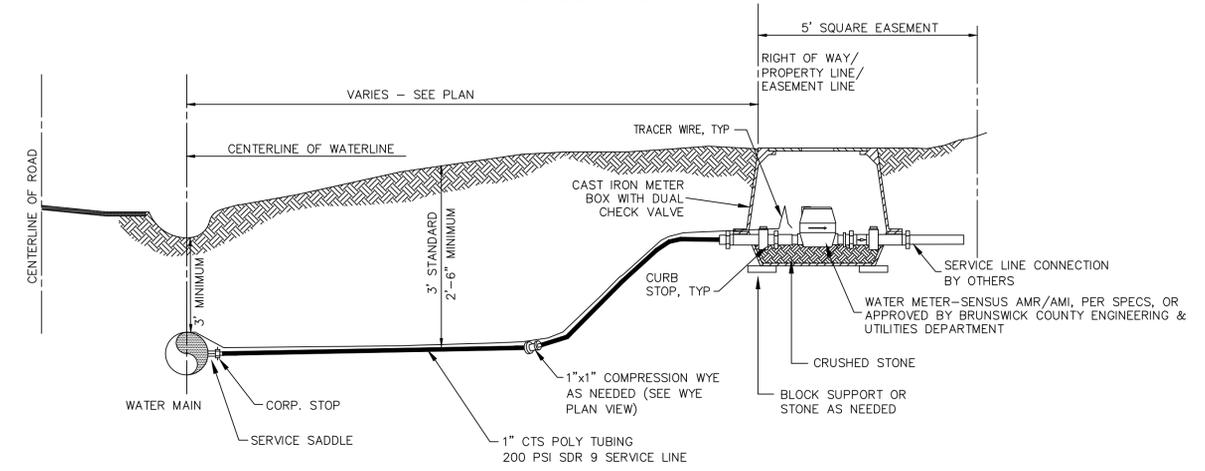


WYE PLAN VIEW FOR WATER/IRRIGATION SPLIT SERVICE
 (IRRIGATION SERVICE INSTALLED AFTER MAIN METER)

APPROVED SINGLE METER BOXES FOR 3/4" METERS

FORD	LYLV-141-243-TP-NL
McDONALD	776-208-PC2G437
MUELLER	H-1462-K

- * OR APPROVED EQUAL
- 1. OR APPROVED EQUAL - MUST ACCOMMODATE SENSUS WATER METER WITH AMR/AMI
- 2. LID TO BE LOCKING TYPE



- NOTE:
- 1) CONTRACTOR SHALL PLACE METER BOX IN NON-TRAFFIC AREA AT LOCATION SPECIFIED BY BRUNSWICK COUNTY ENGINEERING DEPARTMENT.
 - 2) METER BOXES SHALL BE CAST IRON WITH DUAL CHECK VALVES.
 - 3) 2" METERS WILL REQUIRE 2" CTS POLY TUBING.
 - 4) 1" AND 2" METERS WILL REQUIRE A METER BOX SIZED ADEQUATELY TO HOUSE A 1" OR 2" SENSUS METER, HORIZONTAL BYPASS SETTER, AND MXU. ALL REQUIRED ITEMS TO BE PROVIDED BY INSTALLER.
 - 5) 1" AND 2" METER BOXES SHALL BE MARKED WATER AND HAVE A HOLE FOR INSTALLATION OF THE MXU AND TOUCH PAD TO BE PROVIDED BY INSTALLER.
 - 6) 2" METER BOX MUST BE DUCTILE IRON OR QUAZITE.
 - 7) ALL WATER SERVICE LATERALS SHALL HAVE A TRACER WIRE INSTALLED FROM THE WATER MAIN TO INSIDE THE METER BOX.

3/4" - 2" STANDARD WATER TAP
 INSTALLATION
 DETAIL W-6

(FOR METERS LARGER THAN 2", REFER TO DETAIL ON PAGE 3 OF 5)