



MATERIALS:

1. ARMOR CAST POLYMER CONCRETE METER BOX AND LID.
A. 3/4" OR 1" SERVICE – 13"X24"X12" BODY NO. A6001946PCX12 20K AND CAST IRON READ COVER NO. A6001969RC1 20K.
2. 1" MUELLER CORP. STOP PN B25028N
3. 1" CTS SDR 9 (200 PSI) PE BLUE. USE SS STIFFENER FOR FITTINGS PN504385 TUBING OR SOFT TEMPER, TYPE 'K' COPPER TUBING COMPLYING WITH ASTM B-88 UPON ENGINEERS APPROVAL.
4. 1" MUELLER ANGLE METER STOP PN B24258N CMP CTS X MTR
5. 1" MUELLER ANGLE METER STOP PN B24265N FIP X MTR (CUSTOMER SIDE)
6. 3/4" TO 1" BRASS METER ADAPTER FORD PN A-34NL OR APPROVED EQUAL (FOR 3/4" METER INSTALLATIONS)
7. 14GA. BLUE DIRECT BURIAL TRACER LOCATE WIRE, SOLID CORE MIN. .045 INSULATED COVER.

NOTES:

1. SUBSTITUTES FOR ANY MATERIALS SHOWN SHALL BE APPROVED BY THE CITY ENGINEER.
2. ALL PIPE AND STRUCTURE ZONES SHALL BE BACKFILLED USING 3/4" MINUS CRUSHED AGG. AND COMPACTED TO 95% MAX. DENS. AS DETERMINED BY AASHTO T-180.
3. METER BOX SHALL BE CENTER OVER THE COMPLETED METER ASSEMBLY.
4. WATER METERS THAT ALSO PROVIDE FIRE SUPPRESSION MUST BE TAGGED WITH "SUPPLIES FIRE SUPPRESSION." TAG SHALL BE MIN. 2.5" X 5", WEATHERPROOF, HEAVY DUTY RED PLASTIC. PRE-DRILL AND SECURED TO THE METER WITH PLASTIC CABLE TIES.
5. SERVICE SADDLES MANUFACTURED FOR USE WITH HDPE PIPE SHALL BE USED WHEN CONNECTING TO HDPE MAINS.
6. NEW SERVICES TO 3/4" METERS SHALL BE 1" PE BLUE TUBING.



City of Astoria
Public Works Department
 1095 Duane Street

3/4" & 1" Water Service Detail

Date Adopt. 11/01/2012 Date Rev. 08/07/2023

Dwg. Name: W-3 1 Inch Water Service.dwg

DWG. NO.

W-3