



2" & LARGER SERVICE

MATERIALS

- ① FLG X MJ RESILIENT WEDGE GATE VALVE PER AWWA C-509. 4" DIA. OR SERVICE SIZE, WHICHEVER IS LARGER. EPOXY COATED PER AWWA C-550.
- ② CENCORE BLUE HDPE (CTS, DR 9, 200 PSI) W/OUT JOINTS PER DETAIL 516 (30" MIN COVER TO METER). **FEMALE THREADED PVC FITTINGS ARE NOT ALLOWED.**
- ③ METER STOP ASSEMBLY W/BYPASS PER PUBLIC WORKS REQUIREMENTS. SEE DETAIL 516 FOR 1-1/2" & 2" SERVICES.
- ④ METER BOX FOR 1-1/2" AND 2" SHALL BE PER DETAIL 516 WITHOUT MOUSE HOLES. USE TRAFFIC RATED VERSION OF BOX/LID. METER VAULT FOR LARGER SERVICE SHALL BE PER PUBLIC WORKS REQUIREMENTS.

NOTES

1. SUBSTITUTES FOR ANY MATERIAL SHOWN SHALL BE APPROVED BY THE CITY ENGINEER.
2. ALL PIPE AND STRUCTURE ZONES SHALL BE BACKFILLED USING 3/4" MINUS GRANULAR MATERIAL AND COMPACTED TO 95% MAX DENSITY AS DETERMINED BY ASHTO T-180.
3. METER BOX SHALL BE CENTERED OVER THE COMPLETED METER AND FITTING ASSEMBLY.
4. CUSTOMER SHALL INSTALL AN APPROVED BACKFLOW PREVENTION DEVICE ON PRIVATE PROPERTY IMMEDIATELY DOWNSTREAM OF WATER METER IF REQUIRED BY PUBLIC WORKS.
5. FAR SIDE COMMERCIAL SERVICES SHALL BE INSTALLED IN A 4" MIN DIA SCHED 40 PVC SLEEVE WHICH BEGINS 2' FROM MAIN AND EXTENDS TO BACK OF FAR SIDE SIDEWALK.

1-1/2" SERVICE

NOTE: PER ORS 92.044(7), METER BOXES MUST BE SET 1' MINIMUM CLEAR FROM ANY SURVEY MONUMENT

SERVICE SADDLE REQUIRED (ROMAC 202NS, FORD FC202, OR EQUAL)

USE 2-3/8" LONG INSERTS FOR HDPE W/COMPRESSION FITTINGS (McDONALD 6133T OR EQUAL)

TRACER/TONE WIRE (CONNECT TO MAINLINE WIRE W/DBR WP SPLICE KIT BY 3M CO.)

NOTE: WATER SERVICE LINE TO BE PERPENDICULAR TO STREET FROM METER BOX TO MAINLINE.

MAIN LINE TEE, SIDE OUTLET FLANGED

RESTRAINED MJ PLUG TAPPED TO SERVICE SIZE.

24" MIN. COVER

LAST REVISION DATE:
NOV 2015

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WESTECH ENGINEERING, INC.

TAPPING REQUIREMENTS, 1-1/2" AND LARGER SERVICE (HDPE SERVICE LINE)

(NTS)

SILVERTON, OR

DETAIL NO.
517