



CONSTRUCTION NOTES

- ① PRECAST CONCRETE VAULT WITH STANDARD SUMP PIT THAT DRAINS TO DAYLIGHT, IF POSSIBLE. VAULT SHALL BE SUFFICIENTLY SIZED TO MAINTAIN MINIMUM CLEARANCES SPECIFIED ON THIS DETAIL. VAULT SHALL MEET CITY STANDARD 03.11.01. PROVIDE A CUT 2" HOLE IN LID FOR METER TRANSMITTER.
- ② * SENSUS FLANGED C2 OMNI METER WITH BUILT-IN STRAINER WITH TRPL READING IN 1 CUBIC FEET. USE 3/4" DIAMETER 316 GRADE STAINLESS STEEL BOLTS AND TEFLON NUTS ON METER FLANGE CONNECTIONS.
- ③ FLEX NET TRANSMITTER 520M SINGLE PORT COUPLE WITH LEAK DETECTION. MOUNTED ON METER VAULT LID.
- ④ FLANGED COUPLING ADAPTOR.
- ⑤ * FLANGE x MECHANICAL JOINT ADAPTOR.
- ⑥ * FLANGED TEE.
- ⑦ * RESILIENT SEATED WEDGE GATE VALVE (FLGxFLG) WITH 2" SQUARE OPERATING NUT.
- ⑧ INSTALL TWO-PIECE, ADJUSTABLE, CAST IRON VALVE BOX AS SPECIFIED IN CITY STANDARD 03.01.01.
- ⑨ * FLANGE x PLAIN END SPOOL LENGTH AS REQUIRED.
- ⑩ REMOVE METER TEST PLUG AND INSTALL 2" x 4" BRASS NIPPLE, 2" BALL VALVE FORD B11-777W OR APPROVED EQUAL, 2-1/2" MALE (NST) x 2" MALE IPS THREADED BRASS FIRE HOSE ADAPTOR, 2-1/2" (NST) BRASS NOZZLE CAP.
- ⑪ * BLIND FLANGE WITH 2" THREADED OUTLET.
- ⑫ 2" LOCKING BALL VALVE FORD B11-777W OR APPROVED EQUAL.
- ⑬ 2" GALVANIZED UNION.
- ⑭ 2" GALVANIZED ELL.
- ⑮ 2" THREADED GALVANIZED PIPE - CUT TO LENGTH AS REQUIRED.
- ⑯ 2" ADJUSTABLE GALVANIZED PIPE SUPPORT.
- ⑰ MEGA LUG RING SECURED AGAINST VAULT WALL. MASTIC AND MORTAR SEAL WHERE PIPE PASSES THROUGH VAULT WALL.
- ⑱ AN ADDITIONAL * GATE VALVE IS REQUIRED AT THE WATER MAIN BRANCH CONNECTION.

NOTE: * = 3" ,4" ,OR 6" DEPENDING ON SERVICE LINE SIZE.

GENERAL NOTES

1. ALL PIPE, VALVES, FITTINGS AND OTHER MATERIAL USED SHALL CONFORM TO AWWA STANDARDS (LATEST EDITION).
2. ALL CONSTRUCTION SHALL CONFORM TO WSDOT/APWA STANDARDS SPECIFICATIONS, CURRENT EDITION, AND CITY OF PUYALLUP STANDARDS.



CITY OF
PUYALLUP
OFFICE
of
THE CITY ENGINEER

APPROVED FOR PUBLICATION



DATE SEALED: 10/15/2019

3"-4"-6" WATER SERVICE

(NOT TO SCALE)

CITY STANDARD
03.03.03

FILE NAME: Y:\SHARED\DRAWINGS\CITY STANDARDS\2018.02 - PART 2 - STANDARD DETAILS\CAD\300\03.03