



CONSTRUCTION NOTES

- ① PRECAST CONCRETE VAULT WITH STANDARD SUMP PIT THAT DRAINS TO DAYLIGHT, IF FEASIBLE. IF INFEASIBLE, VAULT SHALL BE PROVIDED WITH A 1/4 HP (MIN.) SUMP PUMP WITHIN THE SUMP PIT. 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**
PUBLIC WORKS AND
DEVELOPMENT
ENGINEERING

APPROVED FOR PUBLICATION



DATE SEALED: 7/6/23

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