



KEYNOTES:

- A. CONCRETE THRUST BLOCK POURED AGAINST UNDISTURBED EARTH. THRUST BLOCK SIZE SHALL BE PER TABLE 1 AND SHALL NOT BE LESS THAN ONE FOOT IN ANY DIMENSION. CONCRETE SHALL BE MINIMUM 3500 PSI. BRANCH PIPE SHALL NOT BE PRESSURIZED FOR 5 DAYS.
- B. WRAP TAPPING SLEEVE AND VALVE WITH POLYETHYLENE ENCASUREMENT PRIOR TO POURING THRUST BLOCK AND BACKFILLING. EXTEND POLYETHYLENE 6" MINIMUM BEYOND SLEEVE AND VALVE AND SECURE TO PIPE WITH 10-MIL ADHESIVE PVC TAPE. SEE DETAIL 301.
- C. STAINLESS STEEL TAPPING SLEEVE WITH ONE PIECE, FULL CIRCUMFERENCE GASKET AND FLANGED CONNECTION.
- D. LINE-SIZE GATE VALVE (FLG X MJ) PER DETAIL 402.

NOTES:

- 1. BEFORE INSTALLING TAPPING SLEEVE, CONTRACTOR SHALL THOROUGHLY CLEAN PIPE TO REMOVE ALL DIRT, ROCKS, AND OTHER FOREIGN MATERIAL FROM PIPE WHERE SADDLE WILL BE INSTALLED.
- 2. SLEEVE BOLTS SHALL BE TORQUED TO MANUFACTURER'S SPECIFICATIONS. BOLTS SHALL CONFORM TO ANSI/AWWA C111/A21.11.
- 3. CONTRACTOR SHALL ENSURE THAT GASKET IS PROPERLY ALIGNED AND FREE OF FOREIGN MATERIAL PRIOR TO TIGHTENING SLEEVE.
- 4. TAP LOCATION AND INSTALLATION SHALL BE APPROVED BY DISTRICT INSPECTOR PRIOR TO TAPPING.
- 5. CONTRACTOR SHALL AIR TEST SLEEVE TO 40 PSI PRIOR TO TAPPING.
- 6. CONTRACTOR SHALL FLUSH AND PRESSURE TEST VALVE PRIOR TO BACKFILLING.
- 7. ENGINEER SHALL PROVIDE CALCULATION AND SIZING IF TEST PRESSURE EXCEEDS 150 PSI. SAFETY FACTOR SHALL BE 1.5.

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TUALATIN VALLEY
WATER DISTRICT

APPROVED BY
PETER BOONE

DRAWING SCALE
NONE

TAPPING SLEEVE

EFF. DATE 07/01/24

STANDARD DETAIL

302