



NOTES:

1. ALL THRUST BLOCKING SHALL BE CONSTRUCTED OF 8"x8"x16" SOLID CONCRETE BLOCKS BRACED AGAINST UNDISTURBED VERTICAL FACE EARTH.

2. RESTRAINED JOINTS TO BE INSTALLED WITHIN THIRTY (30) FEET IN ALL DIRECTIONS OF ANY VERTICAL OR HORIZONTAL BEND, TEE, CROSS AND DEAD-END AND IN SITUATIONS WHERE ADEQUATE THRUST BLOCKING CANNOT BE OBTAINED AND AS DIRECTED BY THE ENGINEER.

3. ALL BELOW GRADE FASTENERS TO BE STAINLESS STEEL:  
 A. BOLTS & THREADED RODS - GRADE #304  
 B. NUTS & WASHERS - GRADE #316

## WATER MAIN/FORCE MAIN THRUST BLOCK DETAIL

DATE	REVISIONS
1-9-19	Revised Notes