

## **SECTION**

-BASE MATERIAL

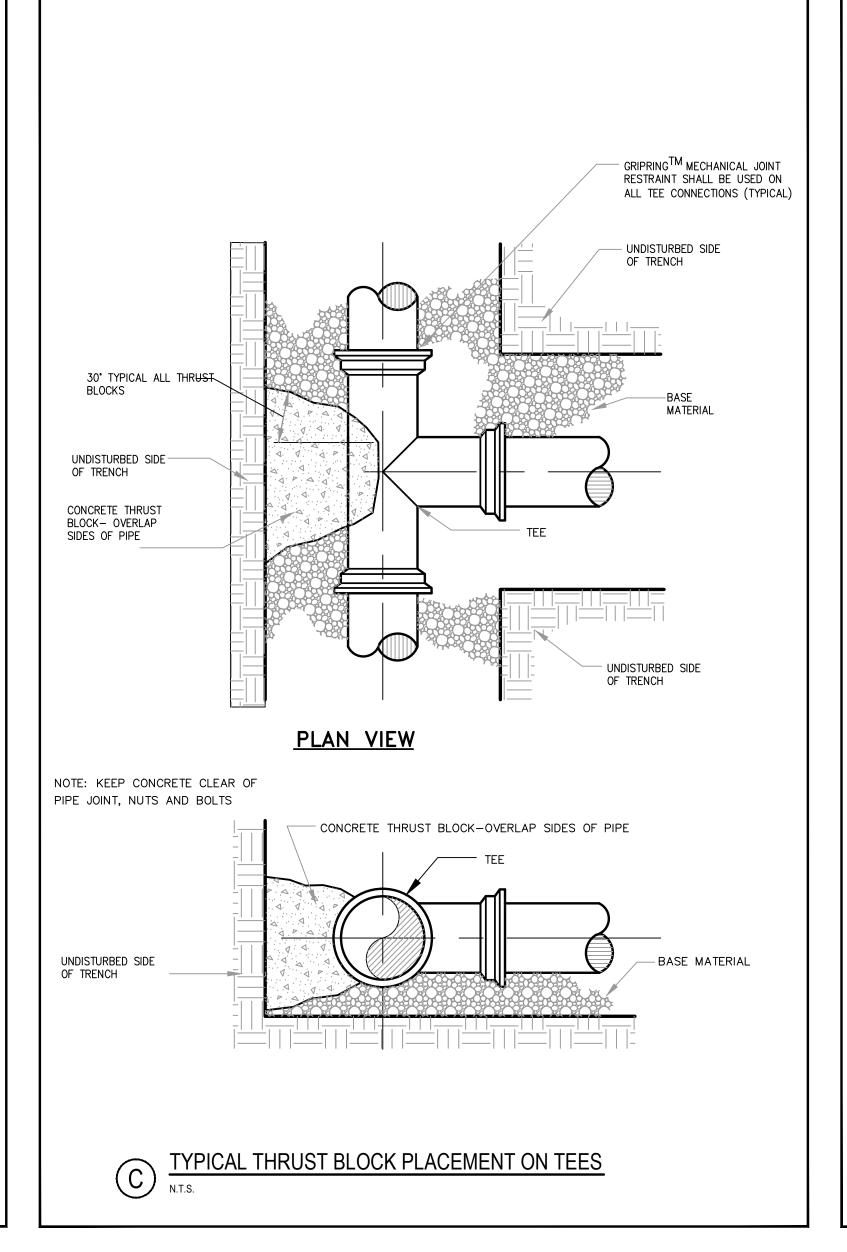
THRUST/RETAINER GLAND SCHEDULE					
1/4 BEND	(90°)	USE POURED-IN-PLACE THRUST BLOCK WITH GRIPRING <sup>TM</sup> MECHANICAL JOINT RESTRAINT			
1/8 BEND	(45°)	THRUST BLOCK w/ GRIPRING TM			
1/16 BEND	(22 1/2°)	THRUST BLOCK w/ GRIPRING TM			
1/32 BEND	(11 1/4°)	THRUST BLOCK w/ GRIPRING TM			

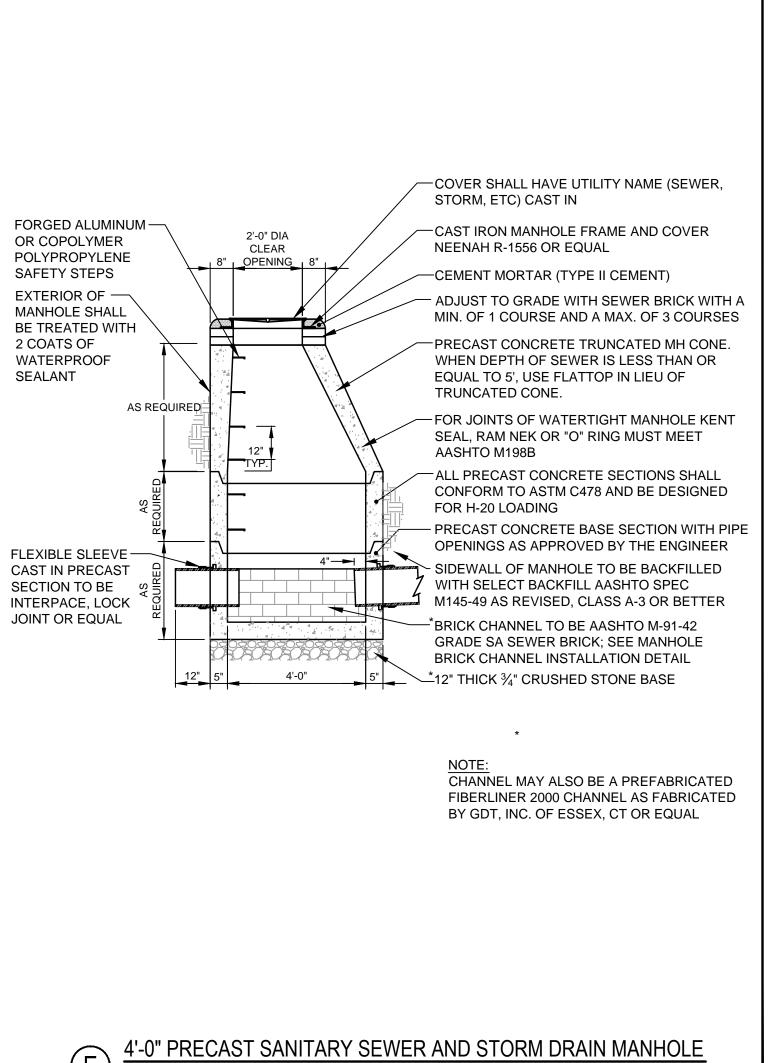
THE ABOVE SCHEDULE IS SUBJECT TO THE APPROVAL OF THE ON-SITE INSPECTOR DUE TO SOILS AND WORKING PRESSURES IN THE AREA.

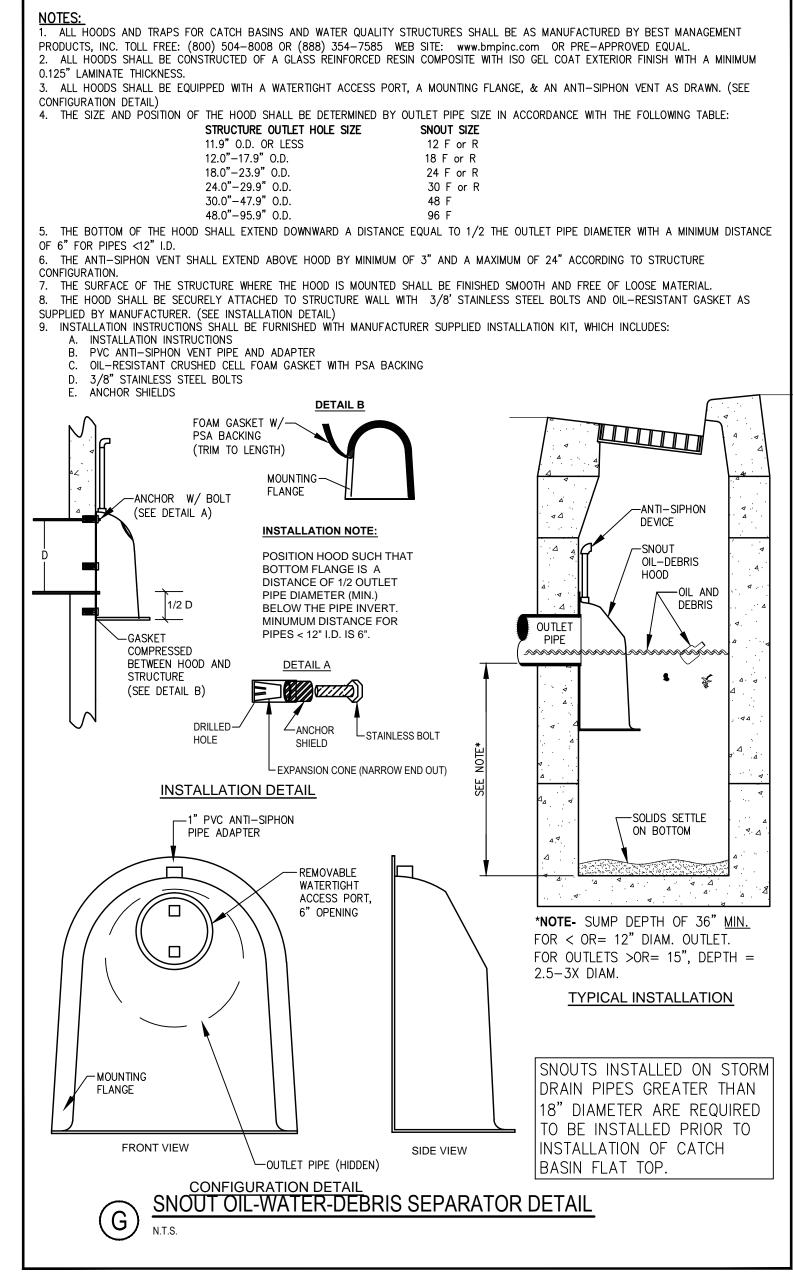
1.) THE PORTLAND WATER DISTRICT MAY HAVE INSPECTION FEES AND REQUIRE OBSERVATION OF ALL PIPING INSTALLATION BEFORE BÚRIAL. REFER TO SPECIFICATIONS.

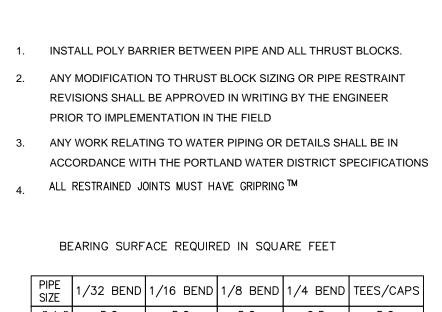
- 2.) REFER TO PORTLAND WATER DISTRICT SPECIFICATIONS FOR TESTING AND CHLORINATION REQUIREMENTS.
- 3.) ALL HYDRANTS AND VALVES TO BE EPOXY COATED, NUTS & BOLTS TO BE STAINLESS STEEL.
- 4.) SERVICE RODS FOR DOMESTIC SERVICE OR AIR VALVES TO BE STAINLESS STEEL.





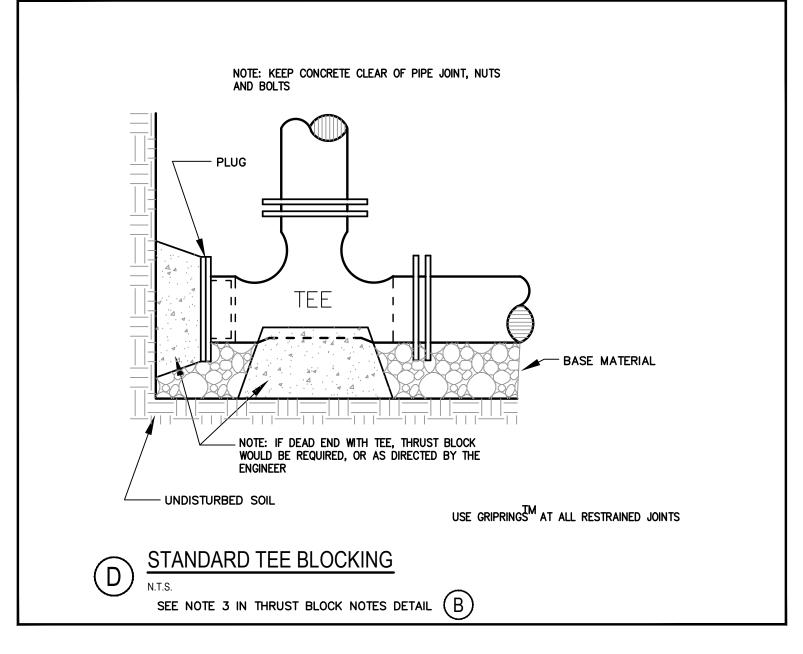


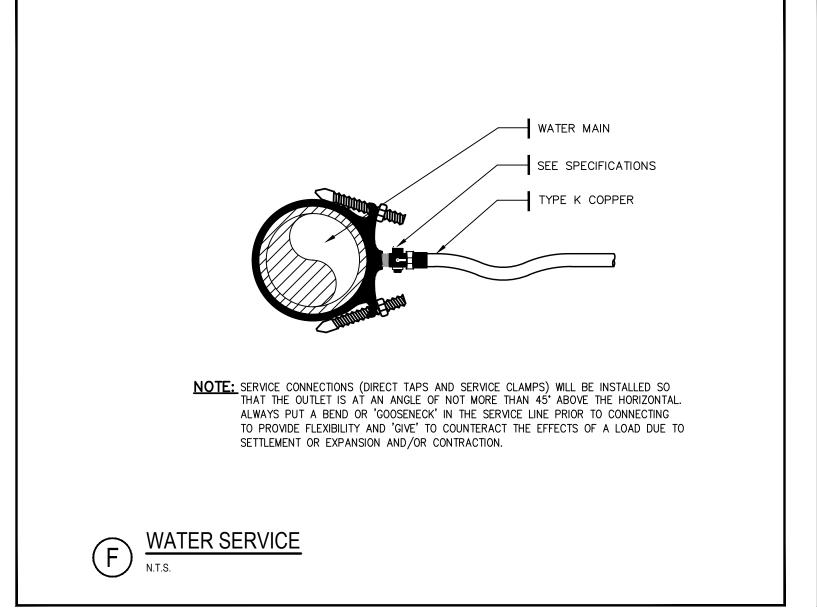


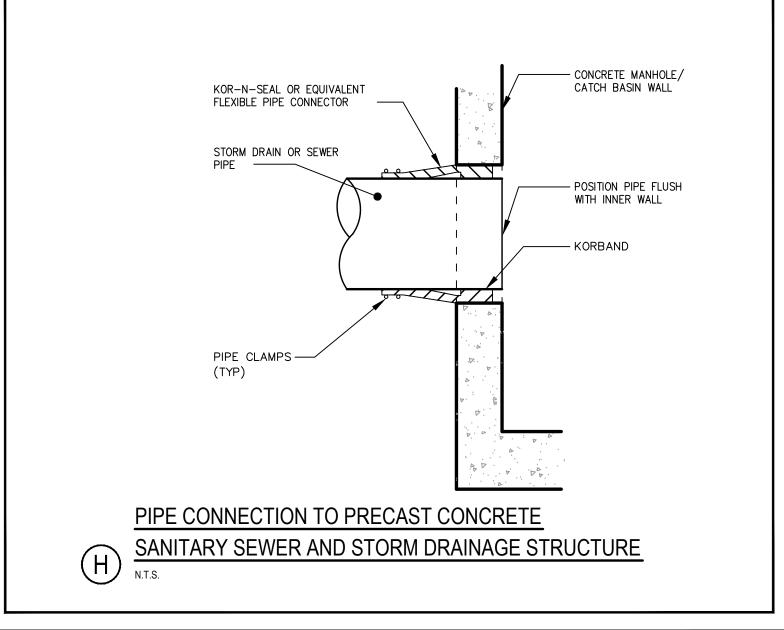


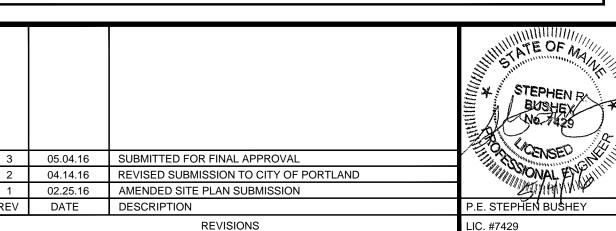
PIPE SIZE	1/32 BEND	1/16 BEND	1/8 BEND	1/4 BEND	TEES/CAPS
6"/8"	5.0	5.0	5.0	6.5	5.0
12"	11.5	11.5	11.5	20.0	22.0

THRUST BLOCK NOTES









STANTEC CONSULTING SERVICES INC SECOND TEE CONDOMINIUM ASSOCIATIO **BUSINESS PARK EXPANSION - UNIT 2** 482 PAYNE ROAD

UTILITY DETAILS

1039 RIVERSIDE LLC

**Stantec** SCARBOROUGH, ME 04074 WWW.STANTEC.COM DRAWN: DED DATE: FEB 2016 DESIGNED: SRB SCALE: AS NOTED CHECKED: SRB JOB NO. 195350348 FILE NAME: SP-M168 DETAILS C-7 SHEET