

BRICK MASONRY CHANNEL, CARRY VERTICAL FROM SPRING LINE TO CROWN

SHELF (1/4" PER FT)

-CONCRETE OR MASONRY FILL

STONE BASE

1. BRICK CHANNEL TO BE AASHTO M-91-42 GRADE SA SEWER BRICK.

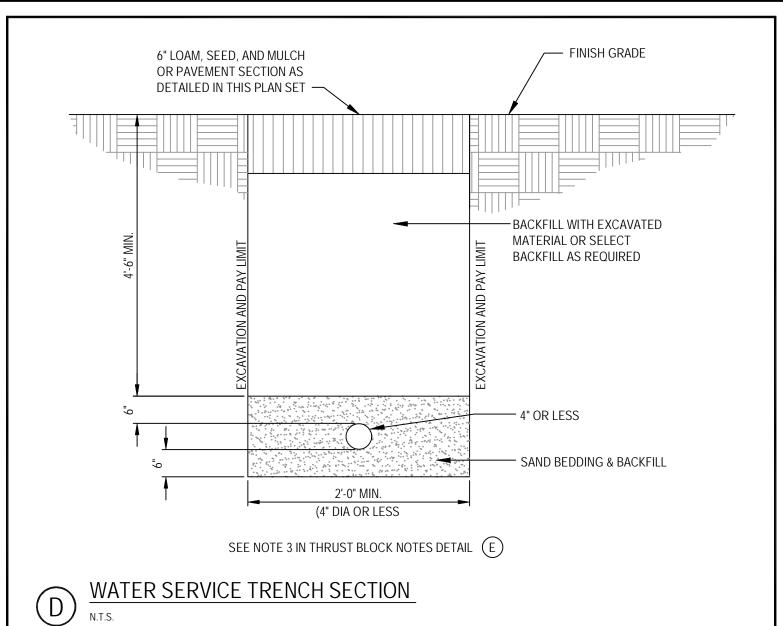
MANHOLE BRICK CHANNEL INSTALLATION DETAIL

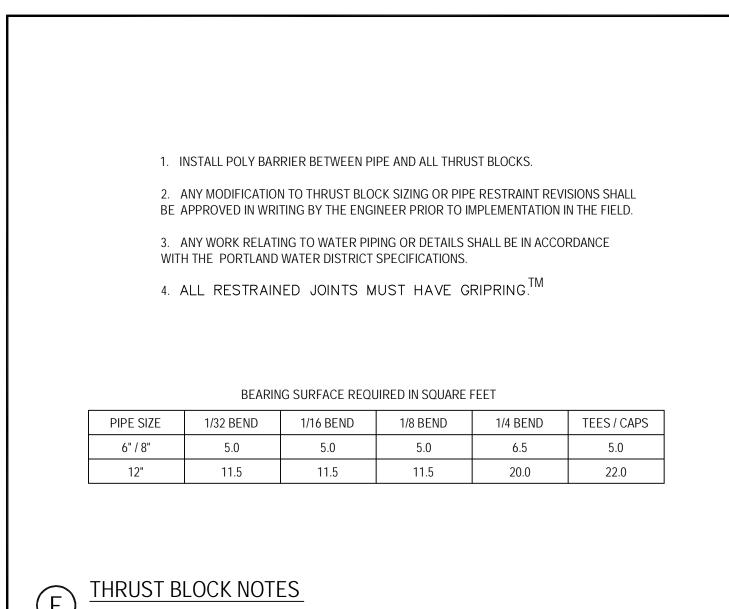
2. MANHOLE TEST TO BE ACCOMPLISHED AFTER CHANNEL INSTALLATION IS COMPLETE.

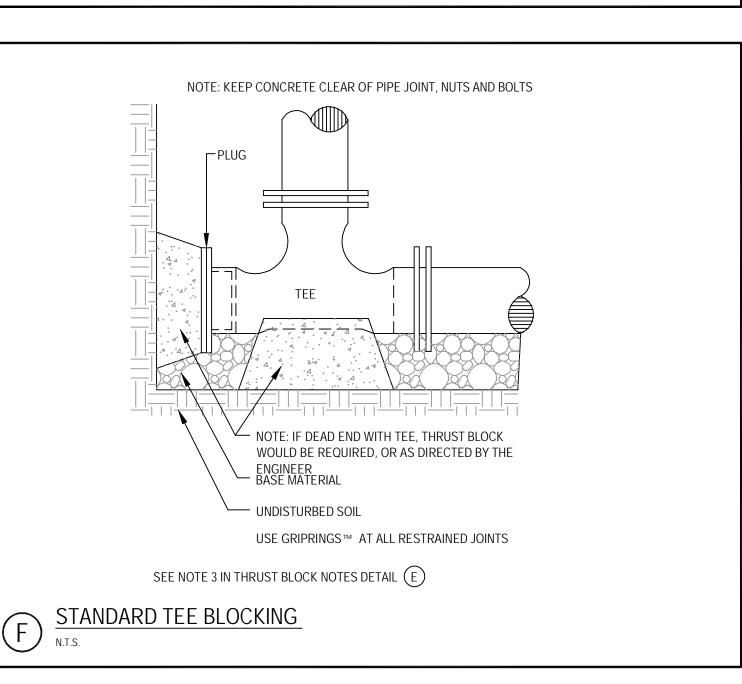
3. WHERE THE ALIGNMENT CHANGES OR SIDE FLOW ENTERS THE MANHOLE, CONSTRUCT

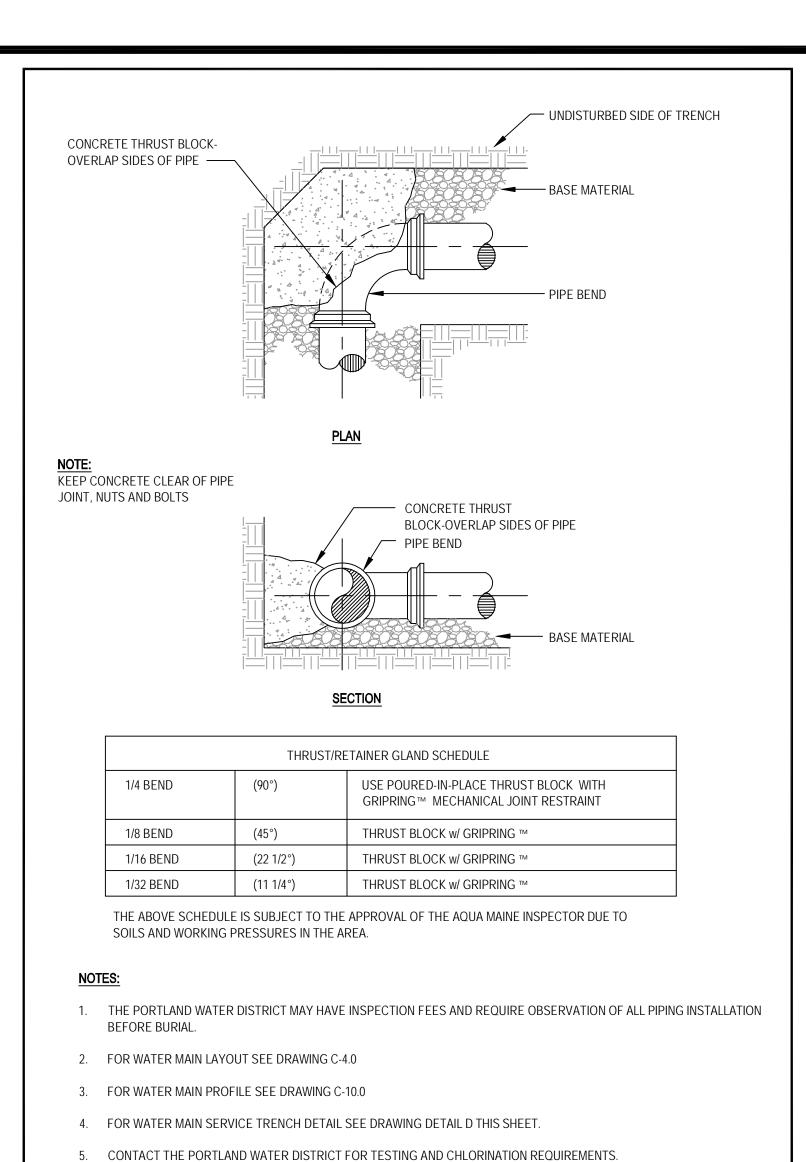
CHANNEL WITH A SMOOTH RADIAL CHANNEL TO ACCOMPLISH ALL JUNCTIONAL CHANGE OF

12" THICK 3/4" CRUSHED









6. ALL HYDRANTS AND VALVES TO BE EPOXY COATED, NUTS & BOLTS TO BE STAINLESS STEEL

INTERMEDIATE

SECTION # 58

SECTION

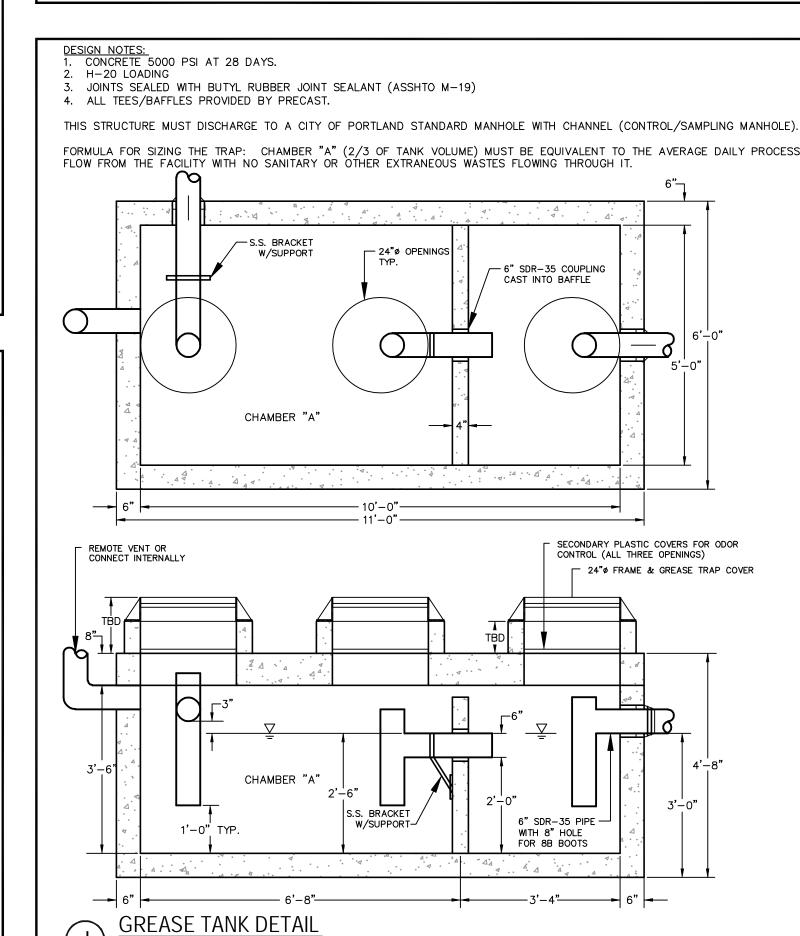
645

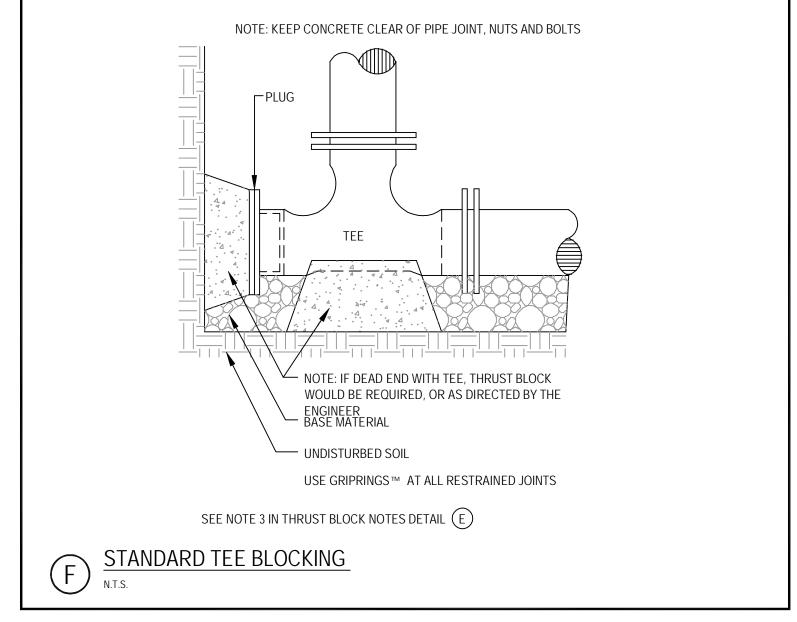
7. SERVICE RODS FOR DOMESTIC SERVICE OR AIR VALVES TO BE STAINLESS STEEL.

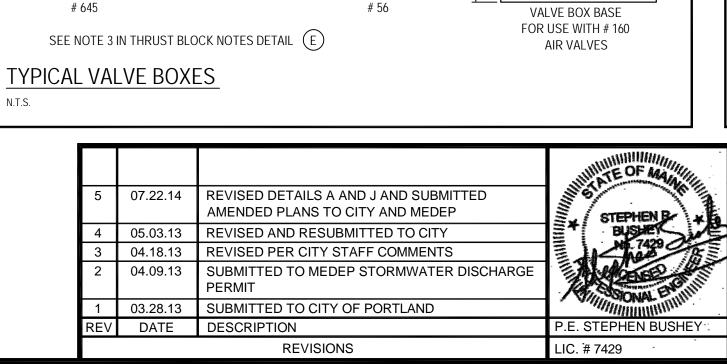
TYPICAL THRUST BLOCK PLACEMENT BENDS

NUMBERS ARE FOR 5.25" BUFFALO VALVE

BOXES







DROP STYLE COVER

8 1/4"

TWIST LOCK

MULTI-USE DEVELOPMENT 2282 CONGRESS ST., PORTLAND, ME

CJ DEVELOPERS, INC.

35 PRIMROSE LANE, FREEPORT, MAINE 04032

AND PORTLAND PROPERTY HOLDINGS, LLC

MAIN STREET, SUITE 200, TOPSHAM, MAINE 04086

30° TYPICAL ALL

THRUST BLOCKS -

UNDISTURBED

SIDE OF TRENCH —

KEEP CONCRETE CLEAR OF PIPE

TYPICAL THRUST BLOCK PLACEMENT TEES

JOINT, NUTS AND BOLTS

CONCRETE THRUST BLOCK-OVERLAP SIDES OF PIPE -

> FST FAY, SPOFFORD & THORNDIKE ENGINEERS · PLANNERS · SCIENTISTS 778 MAIN ST, SUITE 8, SOUTH PORTLAND, ME 04106 UTILITY DETAILS

DATE: OCTOBER 2013 DRAWN: CMW DESIGNED: SRB SCALE: N.T.S. CHECKED: SRB JOB NO. 3118 FILE NAME: 3118-DET C-8.1

GRIPRING™ MECHANICAL JOINT RESTRAINT SHALL BE

CONNECTIONS (TYPICAL)

UNDISTURBED SIDE OF

UNDISTURBED SIDE OF

TRENCH

CONCRETE THRUST BLOCK-

OVERLAP SIDES OF PIPE

PIPE BEND

TRENCH

BASE MATERIAL

USED ON ALL TEE

TOP

SECTION

ALIGNMENT WITHIN MANHOLE.