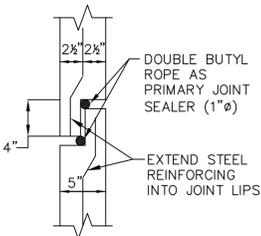
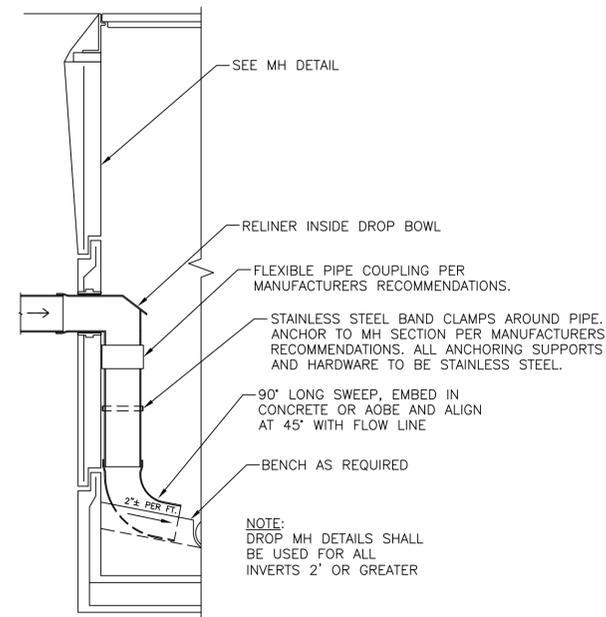


TYPICAL MANHOLE DETAIL
NTS

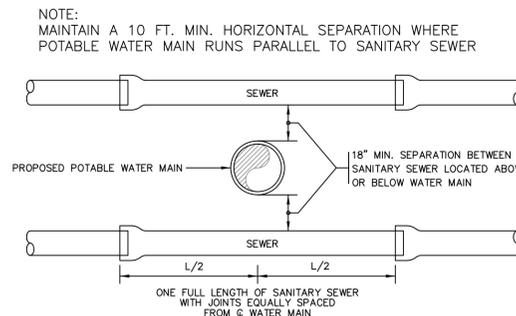
NOTE:
MANHOLES WITH FORCEMAINS DUMPING INTO THEM SHALL RECEIVE INTERIOR BITUMINOUS COATING



DETAIL A
NTS

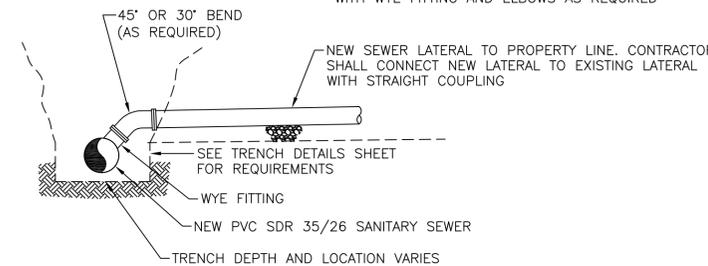


TYPICAL DROP MANHOLE DETAIL
NTS



TYPICAL SANITARY SEWER & POTABLE WATER MAIN CROSSING WITH 18" MIN VERTICAL SEPARATION
NTS

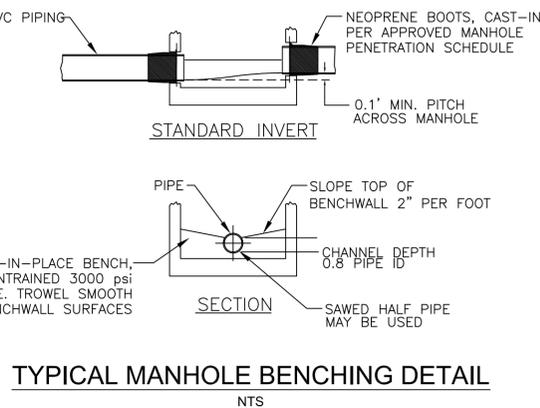
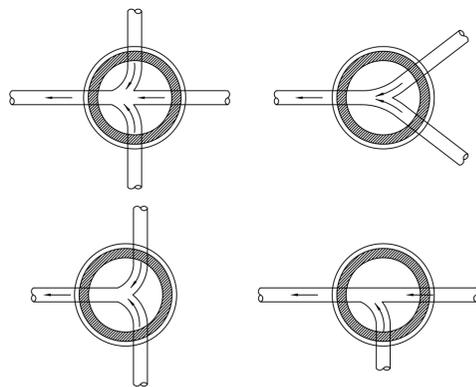
NOTE:
MAINTAIN A 10 FT. MIN. HORIZONTAL SEPARATION WHERE POTABLE WATER MAIN RUNS PARALLEL TO SANITARY SEWER



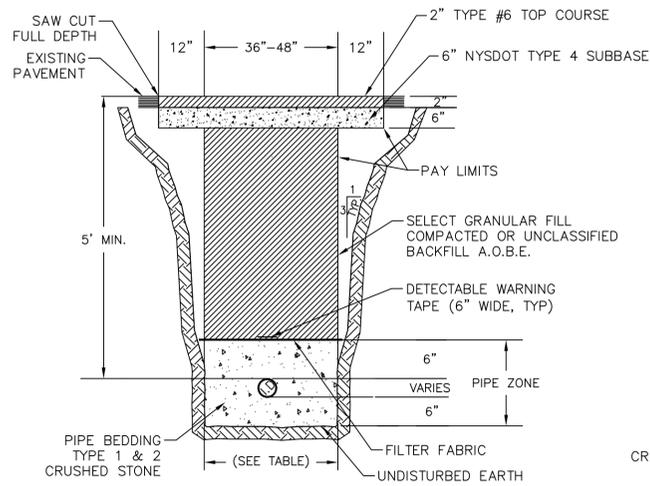
TYPICAL SEWER LATERAL CONNECTION DETAIL
NTS

NOTE:
CONTRACTOR SHALL VERIFY LATERAL SIZE AND CONNECT TO NEW PVC SDR 35/26 SANITARY SEWER WITH WYE FITTING AND ELBOWS AS REQUIRED

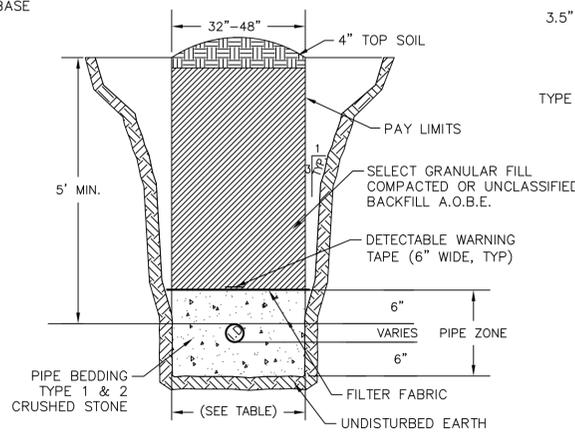
PIPE SIZE I.D. INCHES	MIN. SUGGESTED TRENCH WIDTH FOR AMPLE WORKING SPACE (I.D. PLUS 24 INCHES)
I.D.	W MIN.
4	28
6	30
8	32
10	34
12	36



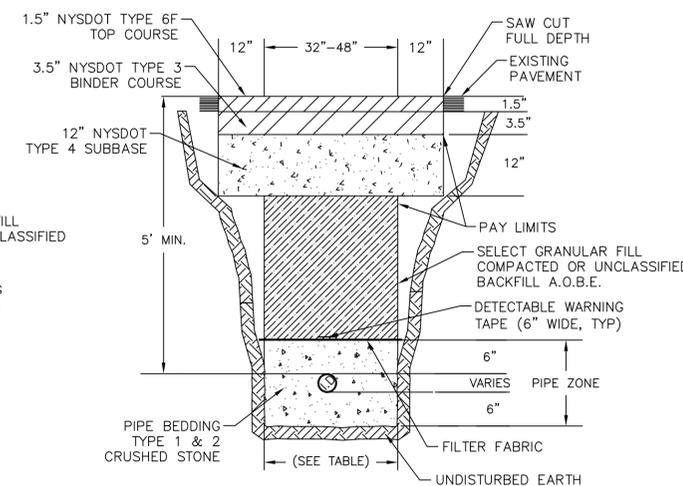
TYPICAL MANHOLE BENCHING DETAIL
NTS



TRENCH IN DRIVEWAYS DETAIL
NTS



TRENCH IN EARTH DETAIL
NTS



TRENCH IN LOCAL ROADWAYS DETAIL
NTS

DATE: _____
DRAWN BY: JMF
SCALE: AS SHOWN
REVIEWED BY: _____
PROJECT NO.: _____
FILE: DETAILS REV6 BIDSET

DELAWARE ENGINEERING, P.C.
CIVIL AND ENVIRONMENTAL ENGINEERING
28 MADISON AVENUE EXTENSION, ALBANY, NY 12203 - 518.452.1290
8-12 DIETZ STREET, SUITE 303, ONEONTA, NY 13820 - 607.432.8073

NO.	DATE	DESCRIPTION

GENERAL NOTES AND TYPICAL DETAILS
TOWN OF GUILDERLAND, NY

TYPICAL SEWER AND TRENCH DETAILS

SHEET: **D2**

WARNING - IT IS A VIOLATION OF NEW YORK EDUCATION LAW SECTION 7209.2, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION LAW, SECTION 7209.2.