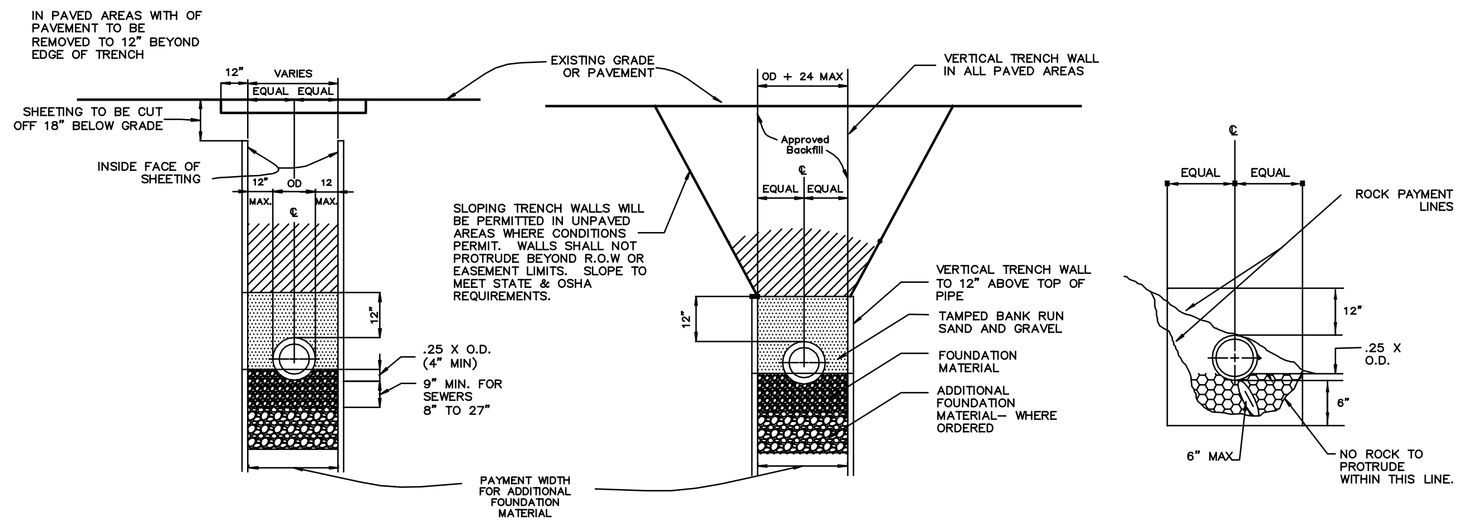
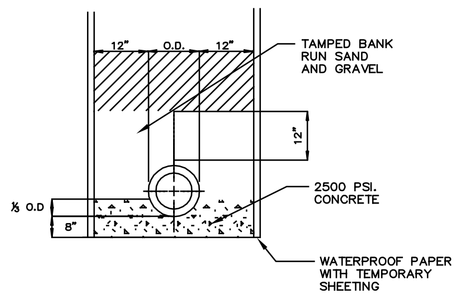
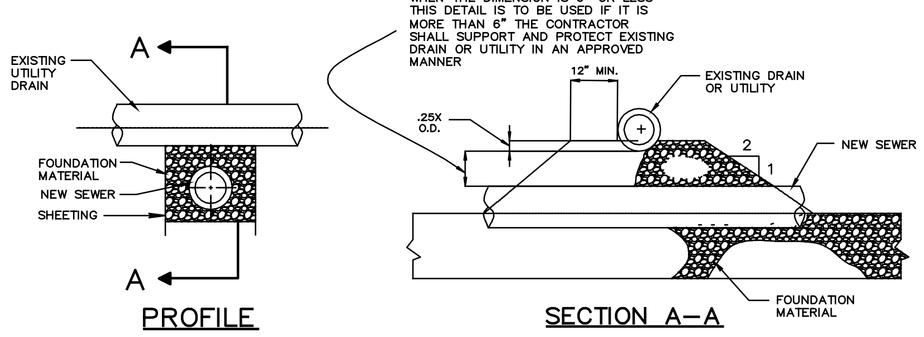


SHEETED TRENCH — TRENCH IN EARTH — TRENCH IN ROCK

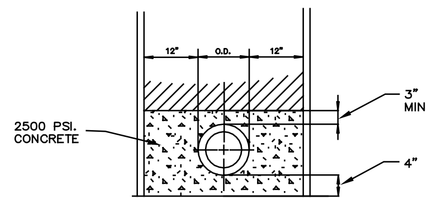
TRENCH SECTIONS



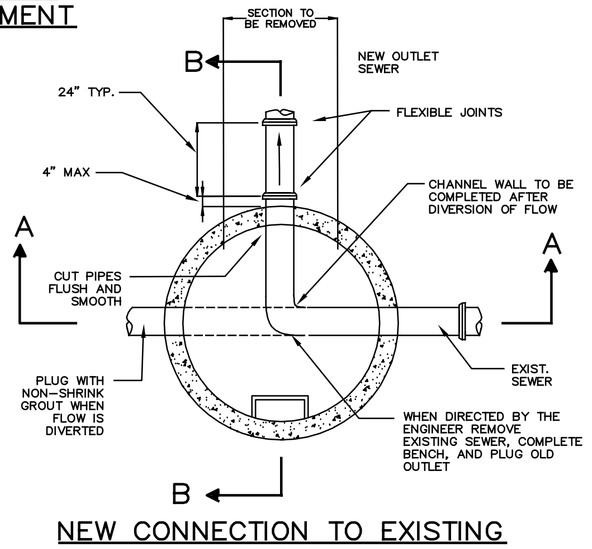
CONCRETE CRADLE ON EARTH



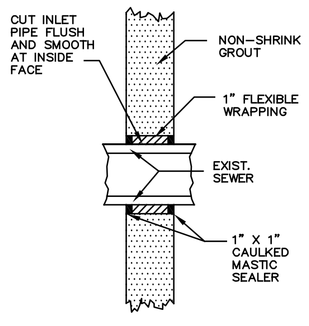
SEWER CROSSING BELOW EXISTING DRAIN OR UTILITY



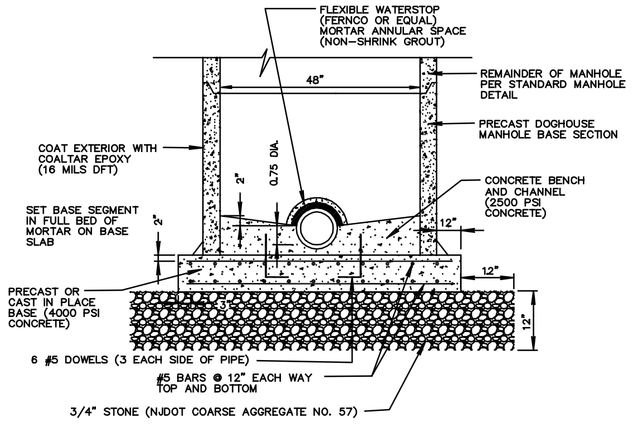
CONCRETE ENCASEMENT



NEW CONNECTION TO EXISTING SEWER PLAN

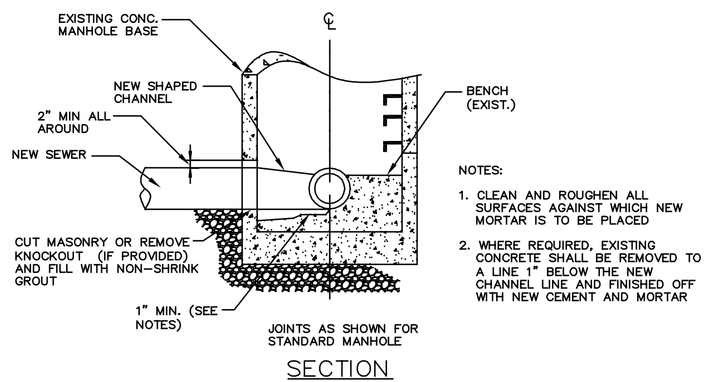


DETAIL



DOGHOUSE MANHOLE

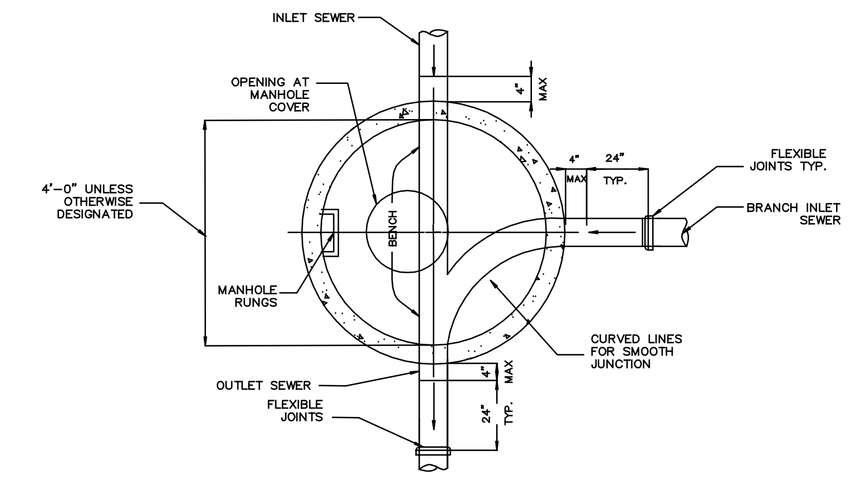
SECT. A – A



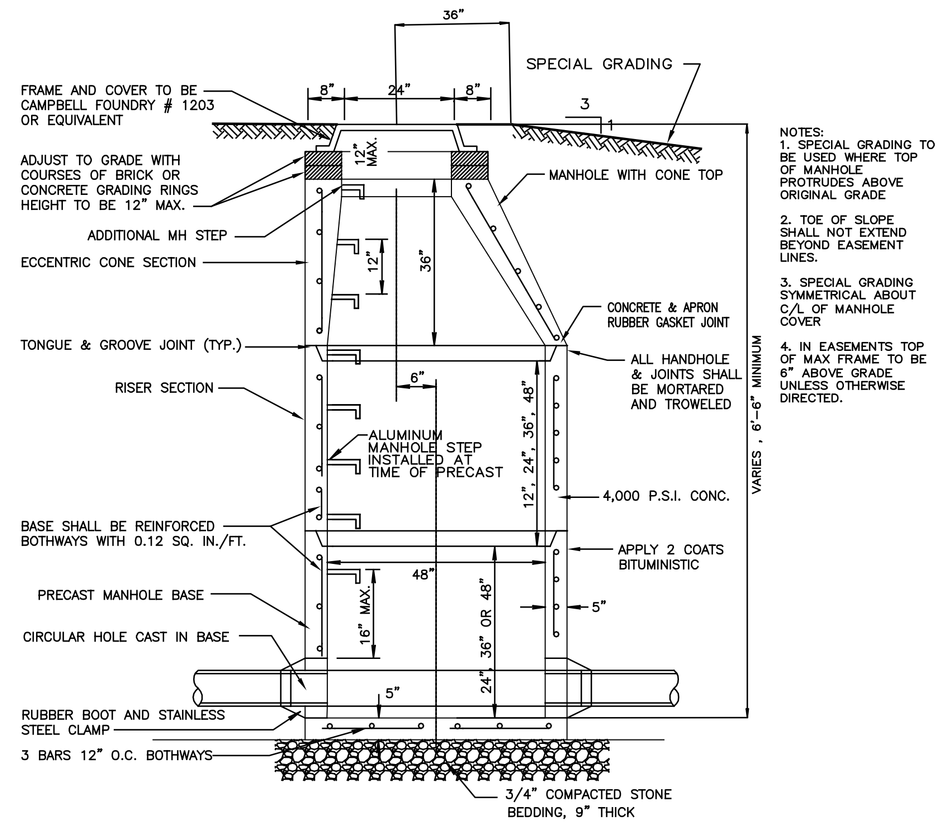
NOTES:
1. CLEAN AND ROUGHEN ALL SURFACES AGAINST WHICH NEW MORTAR IS TO BE PLACED
2. WHERE REQUIRED, EXISTING CONCRETE SHALL BE REMOVED TO A LINE 1" BELOW THE NEW CHANNEL LINE AND FINISHED OFF WITH NEW CEMENT AND MORTAR

NEW CONNECTION TO EXISTING SEWER

SECT. B – B



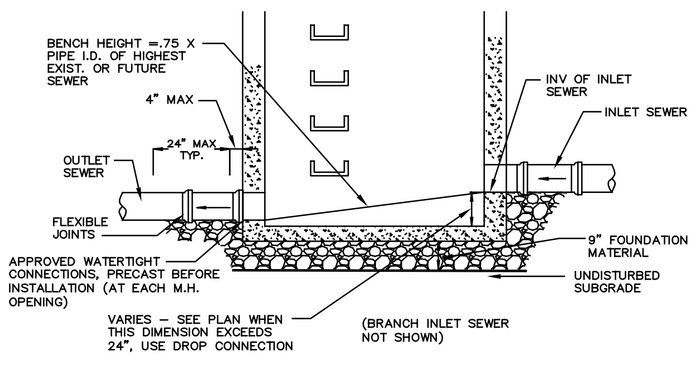
PLAN



NOTES:
1. SPECIAL GRADING TO BE USED WHERE TOP OF MANHOLE PROTRUDES ABOVE ORIGINAL GRADE
2. TOE OF SLOPE SHALL NOT EXTEND BEYOND EASEMENT LINES.
3. SPECIAL GRADING SYMMETRICAL ABOUT C/L OF MANHOLE COVER
4. IN EASEMENTS TOP OF MAX FRAME TO BE 6" ABOVE GRADE UNLESS OTHERWISE DIRECTED.

SANITARY PRECAST REINFORCED CONCRETE MANHOLE ASSEMBLY

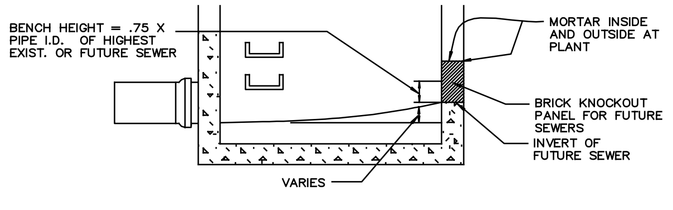
NOT TO SCALE



INVERT DETAIL

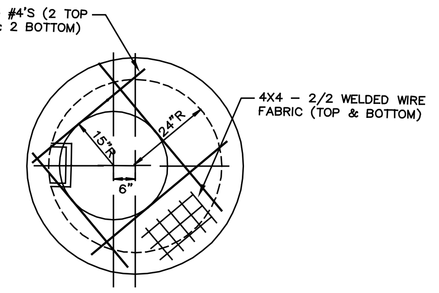
DIA. FUTURE SEWER	DIA. KNOCKOUT * FOR P.V.C. OR D.I. PIPE
8"	12"
10"	16"
12"	18"
15"	21"

* CENTER LINE OF KNOCKOUT TO BE COINCIDENTAL WITH THAT OF FUTURE SEWER

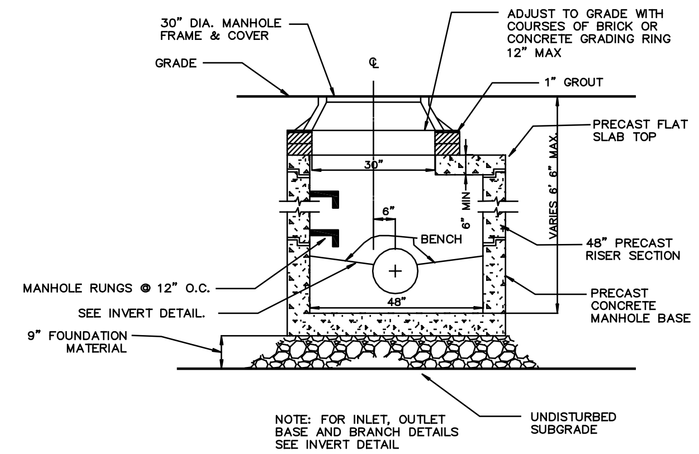


KNOCKOUT DETAIL

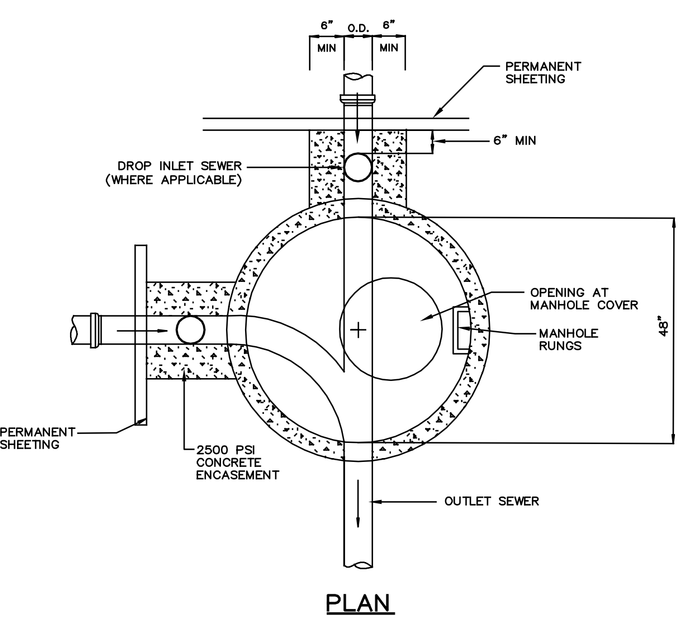
THESE PLANS OF "STANDARD CONSTRUCTION DETAILS" ACCOMPANY THE ADOPTED RULES AND REGULATIONS OF THE WATER POLLUTION CONTROL AUTHORITY, TOWN OF BROOKFIELD, CONNECTICUT, DATED MARCH 2010.



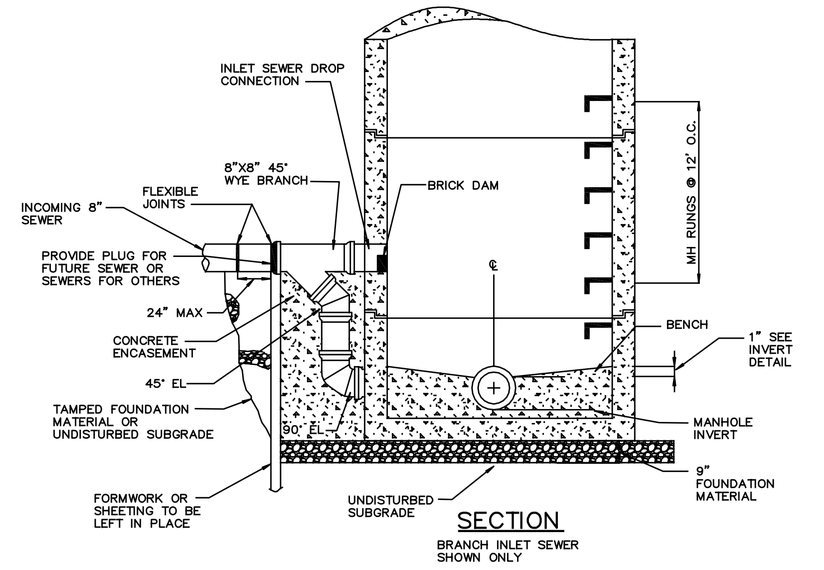
FLAT SLAB TOP



SECTION SHALLOW MANHOLE



PLAN



SECTION

DROP MANHOLE

BIRDSALL SERVICES GROUP
ENGINEERS & CONSULTANTS
Tel: 732.380.1700
Fax: 732.380.1701
WWW.BIRDSALL.COM
BIRDSALL ENGINEERING, INC.
611 INDUSTRIAL WAY WEST
EATONTOWN, NJ 07724
CERTIFICATE OF AUTHORIZATION No. 24GA27989800

NO	DATE	REVISION	DRAWN	CHKD	FIELD

DATE

JAY T. PISCO, P.E.
PROFESSIONAL ENGINEER
CT. Lic. No. 23817

WPCA
P.O. BOX 5106
BROOKFIELD
FAIRFIELD COUNTY
CONNECTICUT

Drawing Name: BROOK_STANDARD_DETAILS.dwg

STANDARD CONSTRUCTION DETAILS
WATER POLLUTION CONTROL AUTHORITY
BROOKFIELD, CONNECTICUT

Job No.	2-00046-450001
Scale(H)	N/A
(V)	N/A
Drawn	JDF
Designed	JDF/WJM
Checked	DDJ
Released	JP
Date	01/08/10
Drawer Number	

SHEET No. 1
OF 4

Plotted: 3/4/2010 1:07 PM, By: Delong, Debby
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