

06 UTILITY - SANITARY SEWER

INDEX OF DRAWINGS

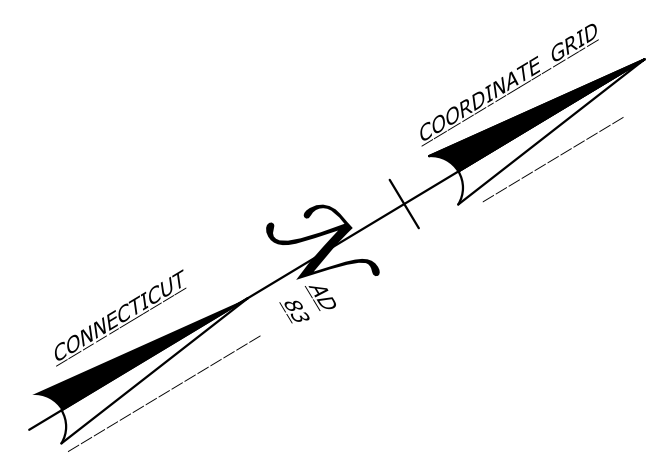
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1. CONTRACTOR TO VERIFY INVERTS AT EXISTING SANITARY SEWER CONNECTIONS PRIOR TO SUBMITTING MANHOLE SHOP DRAWINGS. TO BE PAID FOR UNDER ITEM NO. 1400000A - TEST PIT EXCAVATION (SANITARY SEWER).

3. 24" SEWER BYPASS PUMPING: PROVIDE SEWER BYPASS PUMPING FROM UPSTREAM MANHOLE #101A AT BANK STREET TO MANHOLE #98 AT RIVER STREET FOR INSTALLATION OF MANHOLES OVER EXISTING SANITARY SEWER AND FINAL CONNECTIONS. THESE MANHOLES SHALL BE INSTALLED AFTER THE NEW 24" SEWER MAIN IS INSTALLED ON THE BRIDGE AND TESTED SO THAT FLOW IN THE EXISTING 24" SANITARY SEWER PIPE CAN BE DIVERTED THROUGH THE NEW SEWER PIPE AS SOON AS CONNECTIONS TO THE EXISTING MAIN ARE COMPLETED UNDER STAGE II. FOR INSTALLATION OF MANHOLE AT STA. 41+69, BYPASS PUMPING MAY BE DISCHARGED TO NEW MANHOLES IF ALL DOWNSTREAM WORK HAS BEEN TESTED AND ACCEPTED.

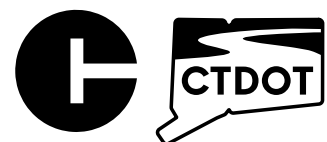
5. REFER TO STRUCTURES SHEET FOR DETAILED CONSTRUCTION SEQUENCE.

7. PAY LIMITS FOR 24" DUCTILE IRON PIPE SUPPORTED ON BRIDGE SHALL BE MEASURED AT CENTERLINE OF PIPE, 2 FEET BEYOND BURIED FACE OF BACKWALL.



SIGNATURE BLOCK:

	99 REALTY DRIVE CHESHIRE, CT 06410 203.271.1773 SLRCONSULTING.COM		
	<table style="width: 100%;"><tr><td style="width: 50%;">DESIGNER/DRAFTER: M. MANCINI</td><td style="width: 50%;">CHECKED BY: A. CIRIELLO</td></tr></table>		DESIGNER/DRAFTER: M. MANCINI
DESIGNER/DRAFTER: M. MANCINI	CHECKED BY: A. CIRIELLO		



CONNECTICUT
DEPARTMENT OF
TRANSPORTATION

SPOT IMPROVEMENTS ON RIVER STREET (ROUTE 313)

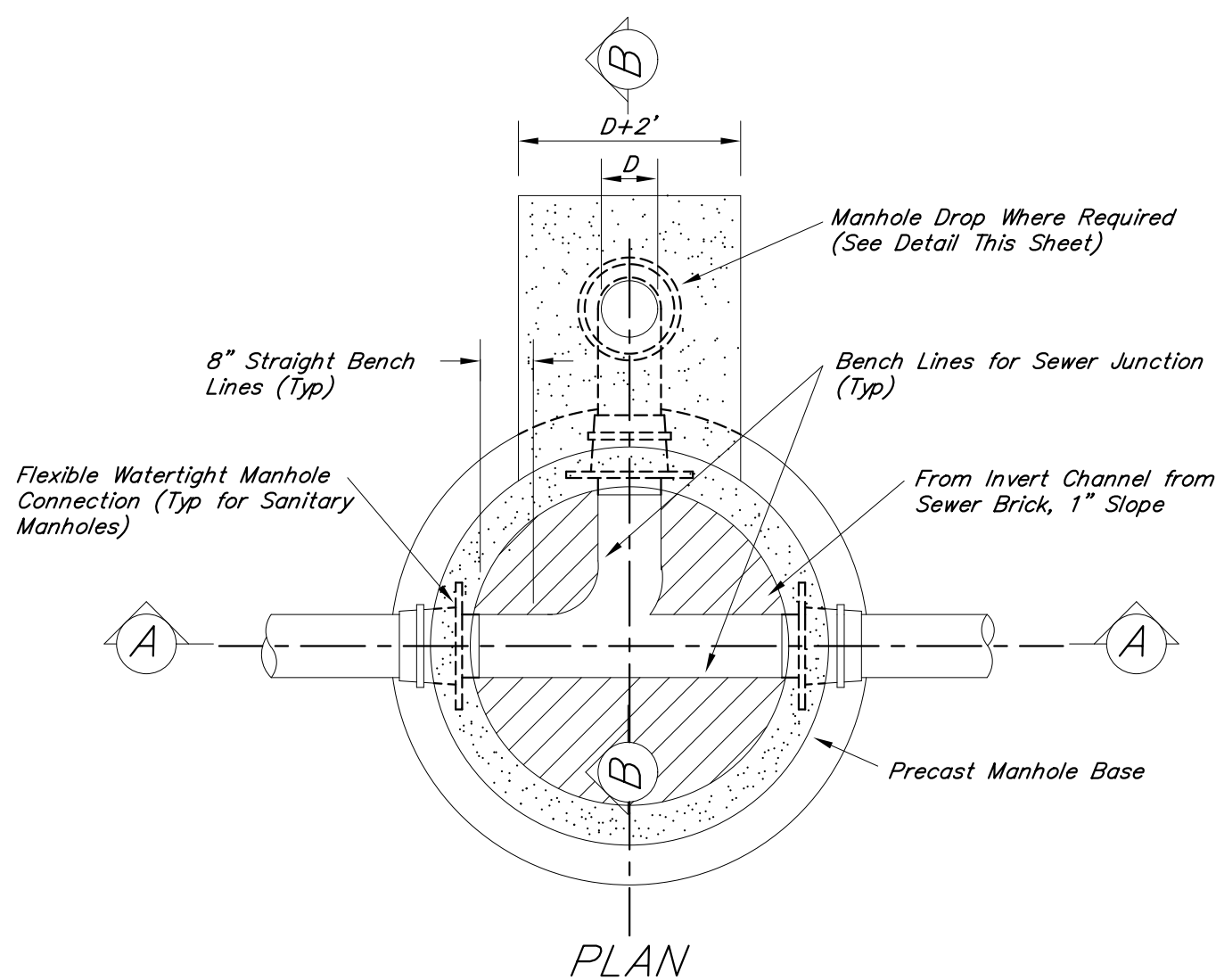
SEYMOUR

SANITARY SEWER RELOCATION PLAN

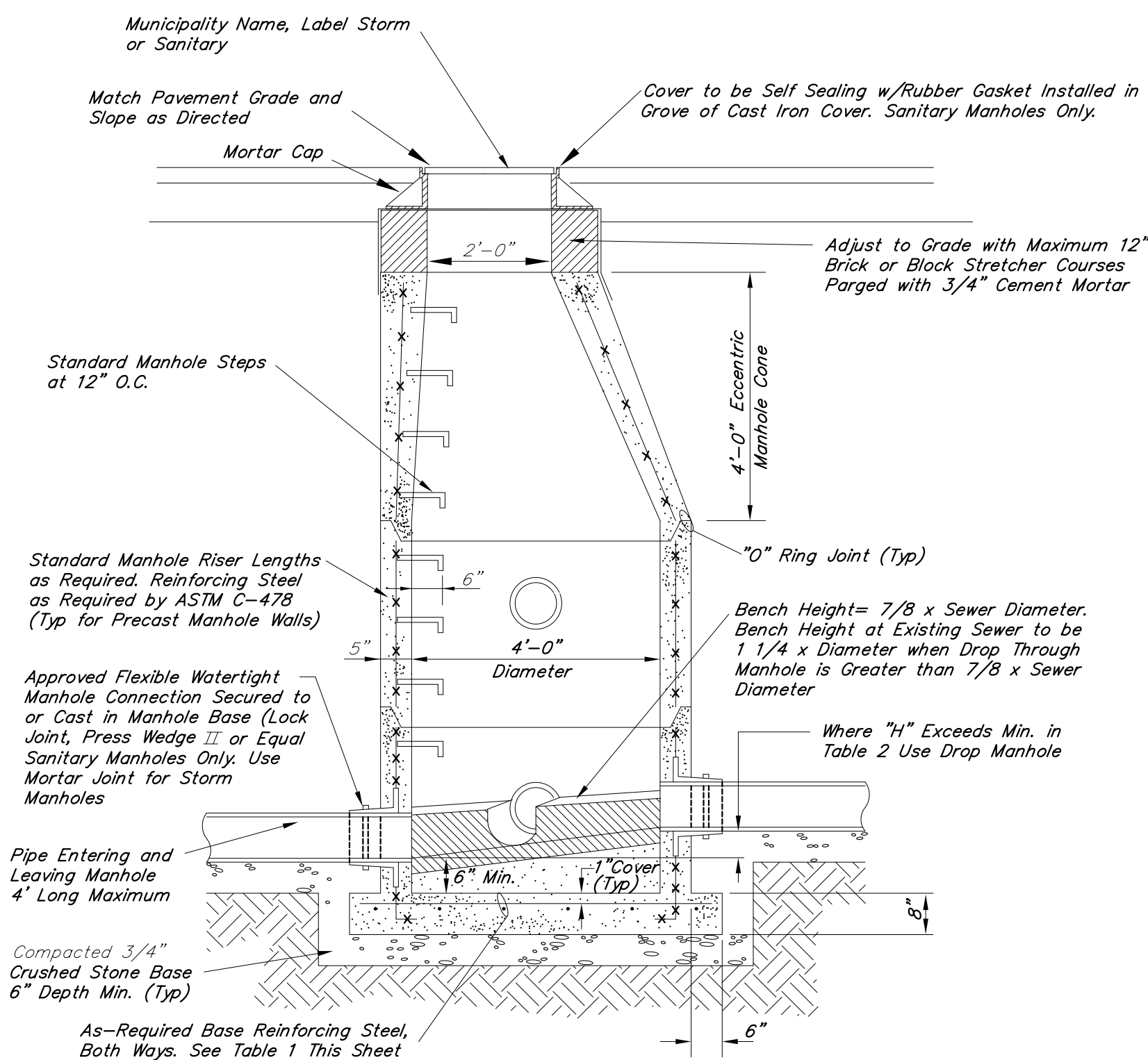
0124-0165

SHEET NO.: 06.02

LASTED SAVED BY: mmancini FILE NAME: W:\CADDDesign\CTDOT_Projects\124-165 (Bridge)\Utilities\MSto_Contract_Sheet_Files\UT_CP_0124-0165_SAN.dgn
PLOTTED DATE: 7/6/2026



STANDARD (48") MANHOLE DETAIL
Scale: 1/2"=1'-0"

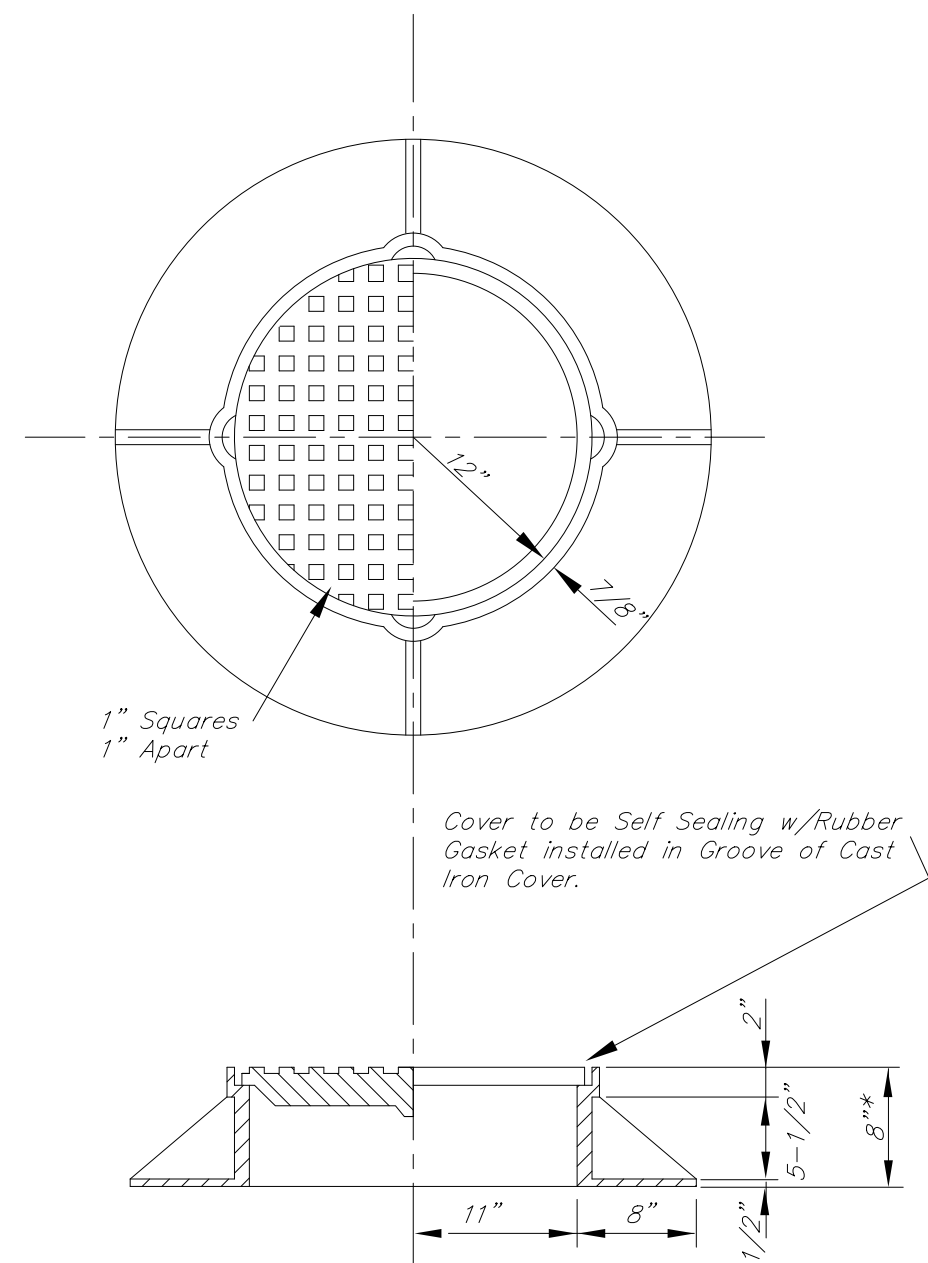


SECTION A-A

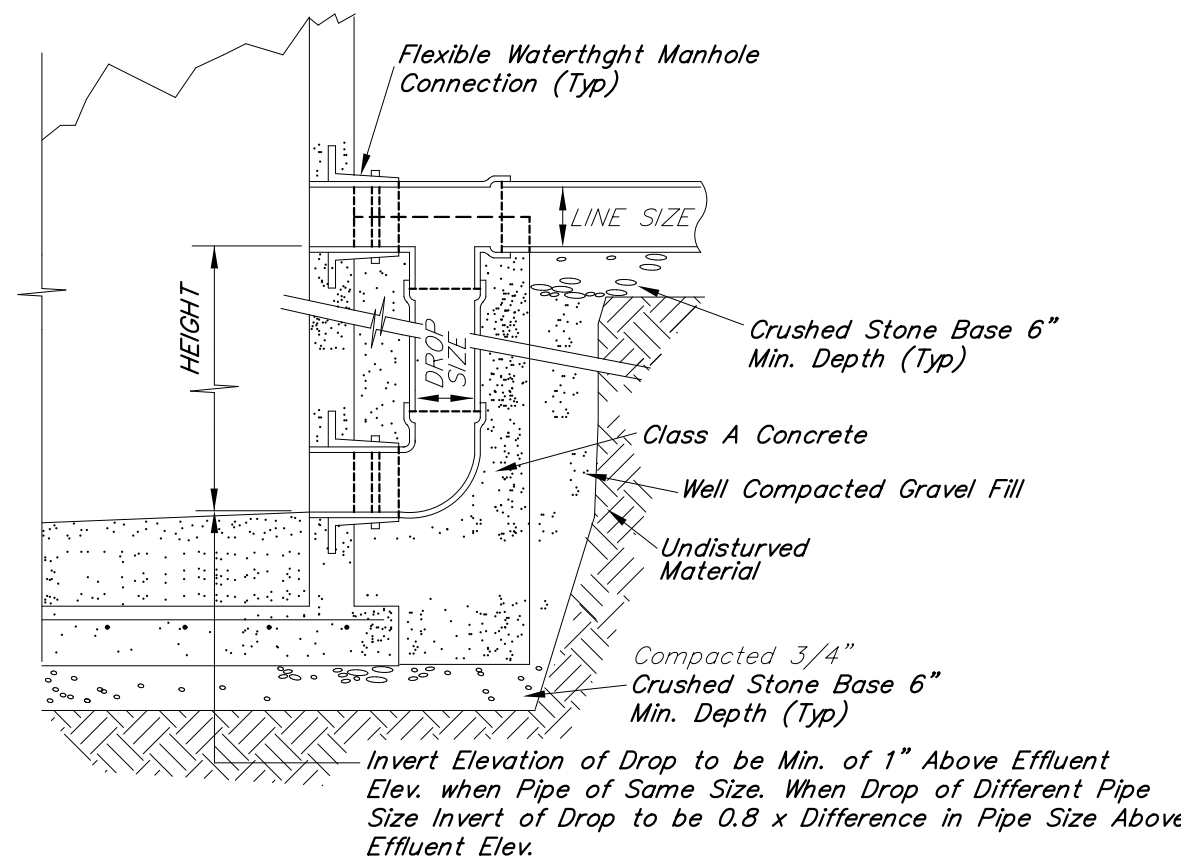
TABLE 1

REQUIRED REINFORCING STEEL
PRECAST MANHOLE BASE SLABS

MANHOLE DEPTH Invert to top of Frame	48" DIA. A _s (sq"/ft)	60" DIA. A _s (sq"/ft)
0'-8"	0.12	0.15
8'-12"	0.15	0.19
12'-16"	0.18	0.24
16'-20"	0.20	0.28
20'-24"	0.23	0.33
24'-28"	0.26	0.37
28'-32"	0.29	0.42
32'-36"	0.32	0.46



* 4" FRAME ALLOWED WHERE REQUIRED
PLAN AND SECTION
CAST IRON MANHOLE FRAME & COVER
SCALE: 1"=1'-0"



SECTION B-B

NOTES:

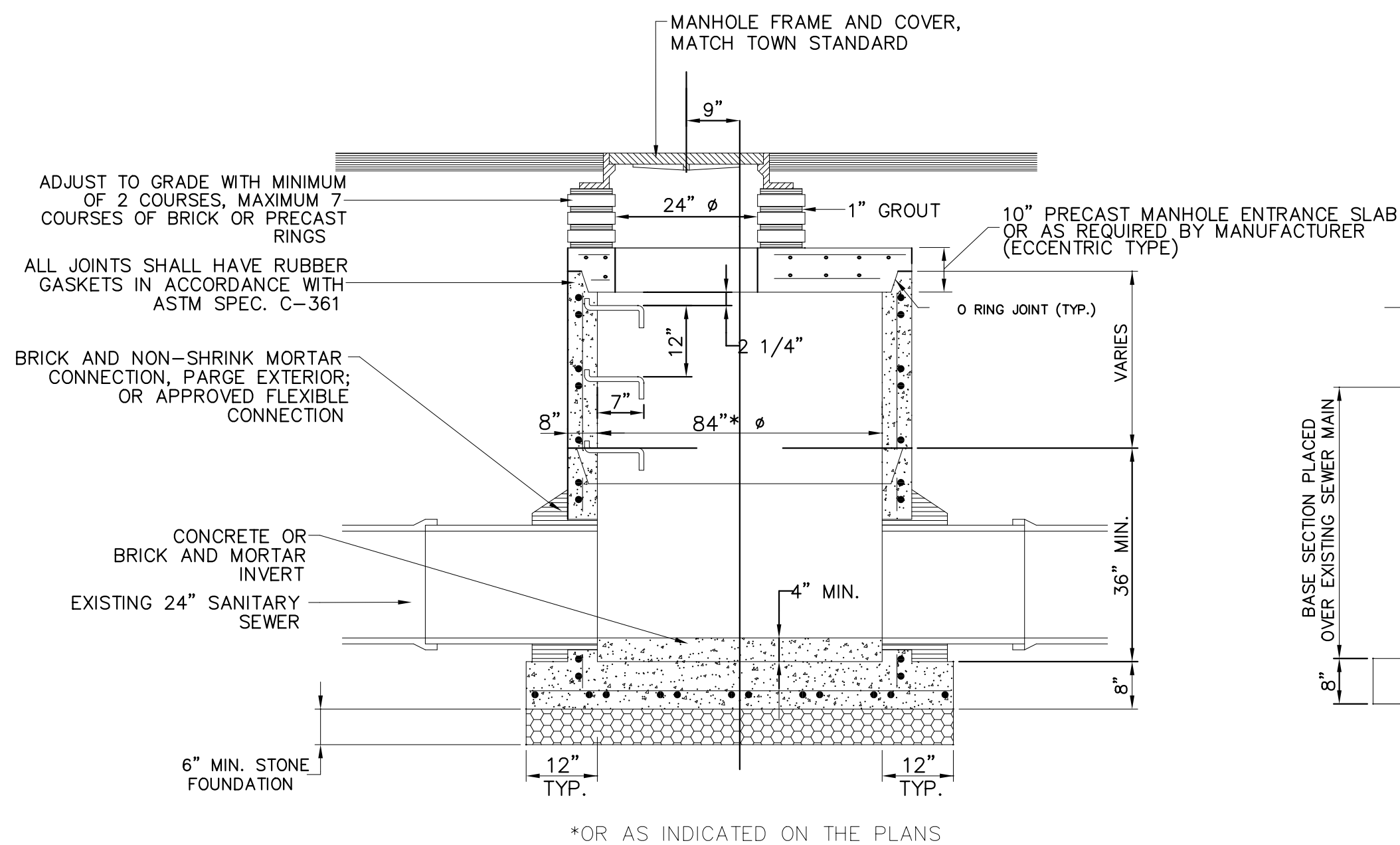
- Provide four #4 vertical bars equally spaced around pipe with 2" min. cover.
- Cost for tee, drop pipe, elbow, and concrete shall be included in the cost for the Drop Manhole.

TABLE 2

MANHOLE DROPS	6"	8"	10"	12"	15"	18"	21"-24"	27"-30"
LINE SIZE	6"	8"	10"	12"	15"	18"	15"	18"
DROP SIZE	6"	8"	10"	12"	15"	18"	15"	18"
HEIGHT (MIN. DROP)	1'9"	2'0"	2'3"	2'6"	2'9"	3'0"	3'3"	3'9"

MANHOLE DROP DETAIL

Scale: 1/2"=1'-0"

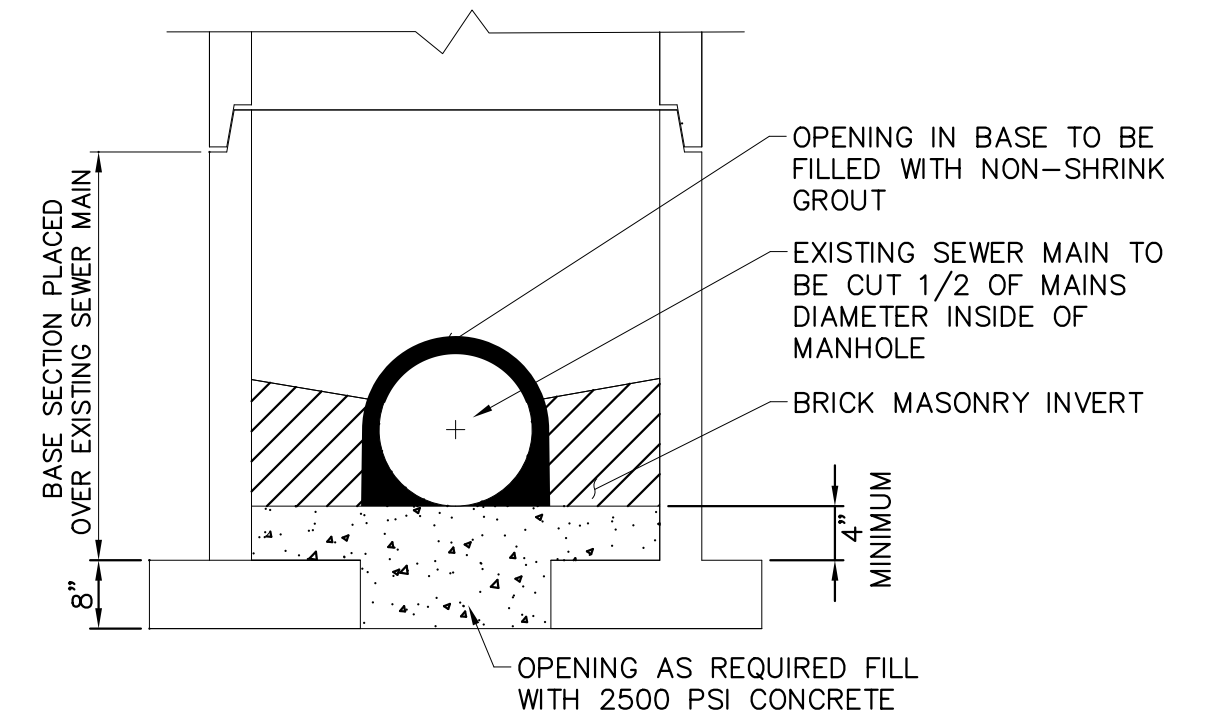


NOTES:

- PROVIDE PRECAST CONCRETE "DOG HOUSE BASE" SUITABLE TO SURROUND EXISTING SEWER. SUBMIT SHOP DRAWING FOR APPROVAL.

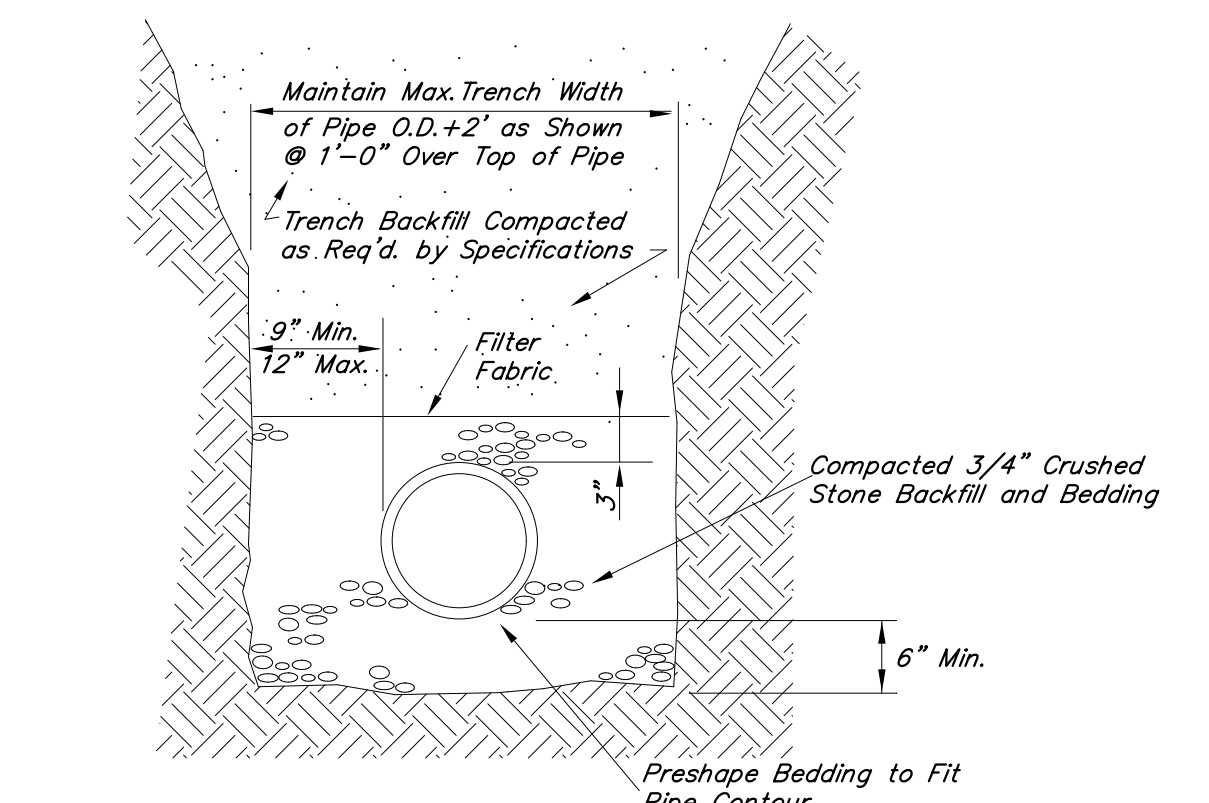
DOGHOUSE MANHOLE (SANITARY SEWER)

NOT TO SCALE



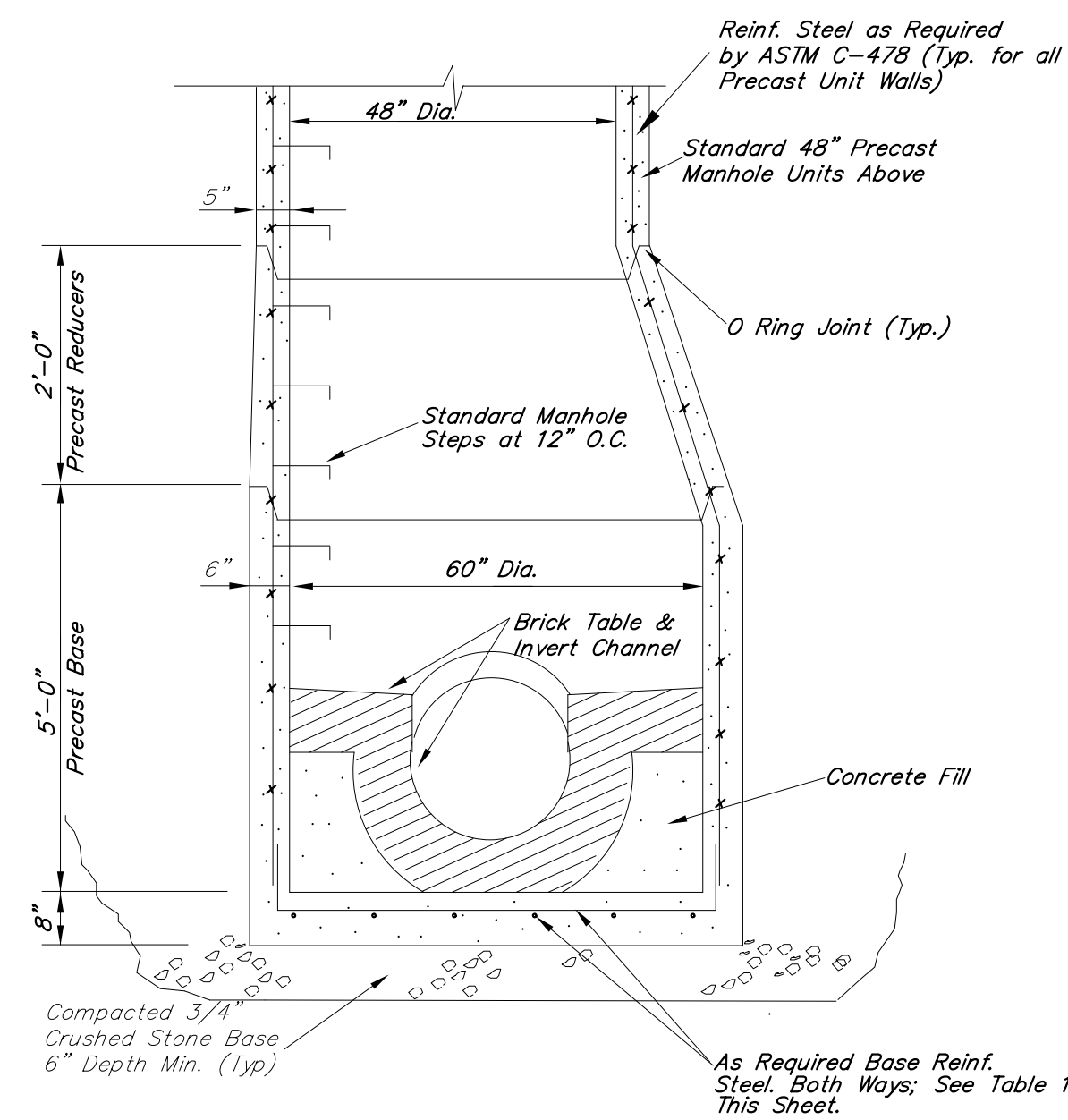
NOTES:

- TRENCH BACKFILL SHALL BE COMPACTED GRANULAR FILL TO BE PAID UNDER GRANULAR FILL SANITARY SEWER.



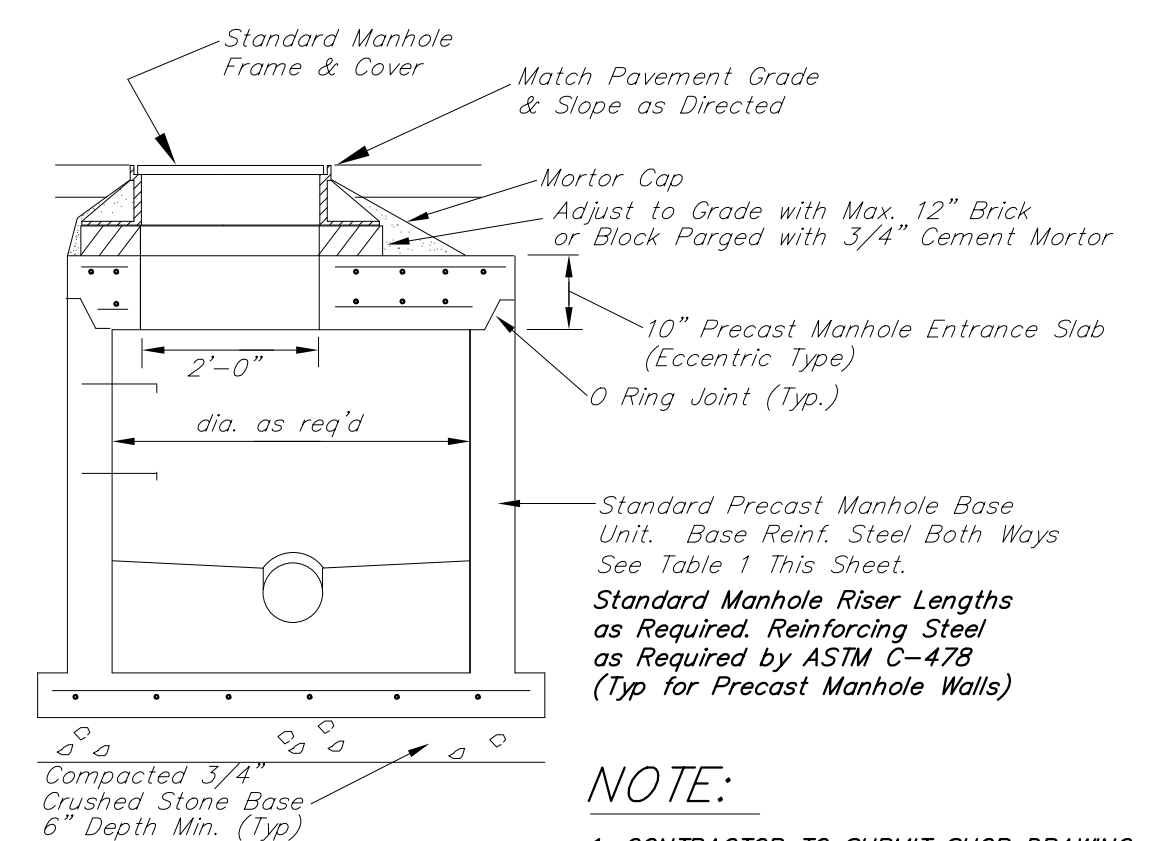
SANITARY SEWER BEDDING DETAIL

Scale: 3/4"=1'-0"



60" I.D. MANHOLE BASE DETAIL

Scale: 1/2"=1'-0"



NOTE:

- CONTRACTOR TO SUBMIT SHOP DRAWING FOR EACH SPECIAL MANHOLE.

SPECIAL MANHOLE DETAILS
Scale: 1/2"=1'-0"

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:	99 REALTY DRIVE CHESHIRE, CT 06410 203.271.1773 SLRCONSULTING.COM
DESIGNER/DRAFTER: M. MANCINI	CHECKED BY: A. CIRIELLO



PROJECT TITLE:
SPOT IMPROVEMENTS ON RIVER STREET (ROUTE 313)

TOWN(S):
SEYMOUR

DRAWING TITLE:
MISCELLANEOUS DETAIL SHEETS

PROJECT NO.:
0124-0165
DRAWING NO.:
SAN-03
SHEET NO.:
06.04