

Job Name: 26-1549 Cowan St. Trunk Sewer
Job Location: Nashville, TN
Contractor: Garney Companies, Inc.

Plant: 100

8/24/2026 11:17:37 AM

Tech: Jared - A

PC: Jay Ross Jarvis



Structure ID: MH-2-3 SS-MH

P1 MH108BAEVFX

MH BASE EF Cust. Ht. 12"F (21"EF =170"OD) w/XYPEX

- P7) 30" - CASTING HEIGHT - 6"
P6) 108" - MH FLAT TOP w/2X 30" Holes ECC w/XYPEX - 17"
P5) 108" - MH RISER w/XYPEX - 72"
P4) 108" - MH RISER w/XYPEX - 96"
P3) 108" - MH RISER w/XYPEX - 96"
P2) 108" - MH RISER w/XYPEX - 96"
P1) 108" - MH BASE EF Cust. Ht. 12"F (21"EF =170"OD) w/XYPEX - 80"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) ADMIXTURE XYPEX C-1000 RED
2) SECONDARY POUR - EXT. FLANGE
2) CASTING - JBS 1312 F/C SANITARY
5) 108" - Conseal CS-102 1.00" (Double)
2) A-Lok - 1840

FIRST POUR DRAWING

WEIGHTS:

FIRST POUR: 33,031 LBS

SECOND POUR: 9,899 LBS

TOTAL: 42,930 LBS

0 lb
12344 lb
22397 lb
29863 lb
29863 lb
29863 lb
42930 lb
0 lb
0 lb
0 lb
0 lb
600 lb
0 lb
2 lb

Structure Total: 167860 lb

Structure Notes:

PLAN LABEL: MH-2

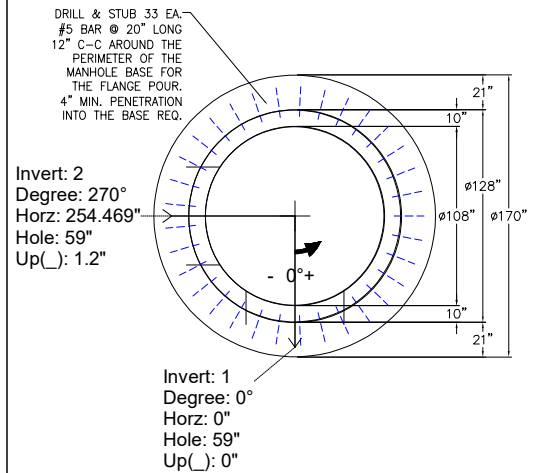
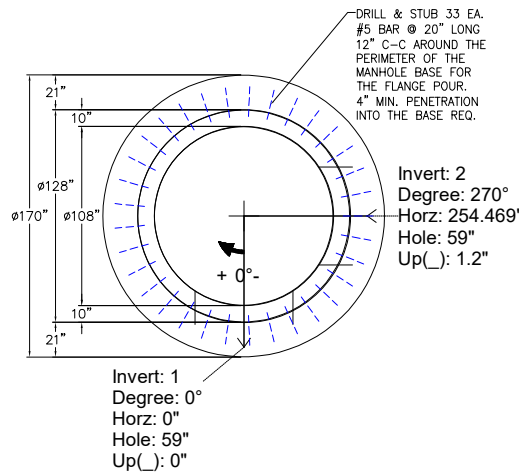
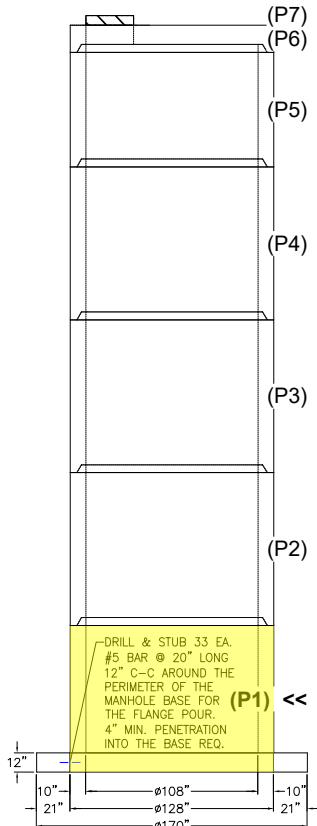
1. JBS 1312 F/C SANITARY PROVIDED BY ICAST.
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. ADMIXTURE = XYPEX C-1000 RED.
5. REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - RISER/WALLS (As .24)
 - FLOOR (As .47) #5 BARS AT 8" C.C.E.W.
6. ANY REQUIRED INTERIOR COATINGS TO BE SUPPLIED & APPLIED BY OTHERS.
7. **NO STEPS**

Rim: 420.67' Rim to Invert: 38.4' Slack: 0.3' Sump: 2.5' Step Position:

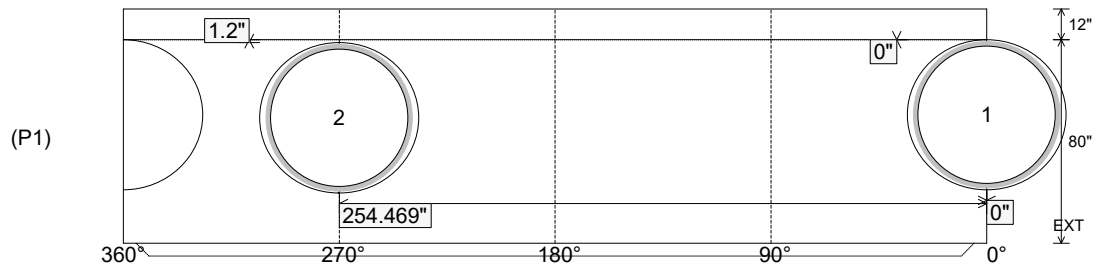
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	382.27'	0°	0"	54" DI	57.5"	A-Lok 1840	59"	62.417"	0"	0"
Invert 2	382.37'	270°	301.593"	54" DI	57.5"	A-Lok 1840	59"	62.417"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 10"
Floor Height: 12"

Height (Int): 80"
Height (Ext): 92"

Weight (Net): 42930 lb
Volume (Net): 10.96cu.yd

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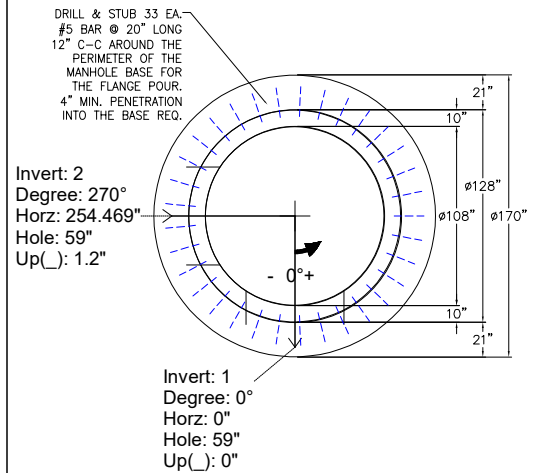
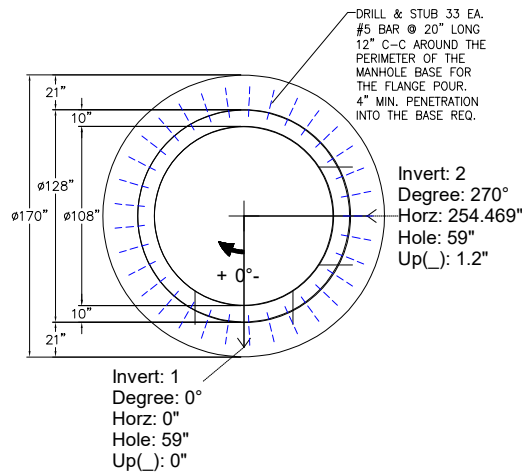
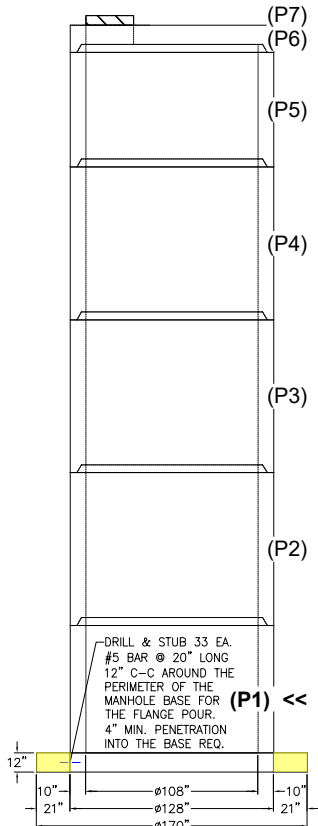
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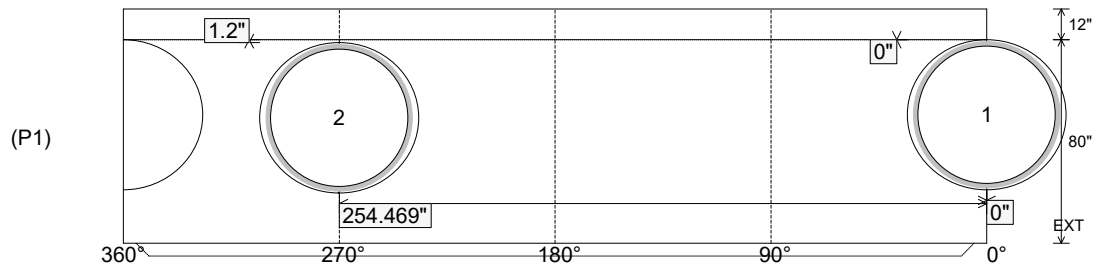
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