

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

Plant: 100

8/24/2026 11:17:44 AM

Tech: Jared - A

PC: Jay Ross Jarvis



Structure ID: MH-8-11 SS-MH

P1 MH084BAEVFX

MH BASE w/FLANGE (12F/14EF) w/XYPEX

- P6) 30" - CASTING HEIGHT - 6"
P5) 84" - MH FLAT TOP w/2X 30" Holes ECC w/XYPEX - 17"
P4) 84" - MH RISER w/XYPEX - 96"
P3) 84" - MH RISER w/XYPEX - 36"
P2) 84" - MH RISER w/XYPEX - 96"
P1) 84" - MH BASE w/FLANGE (12F/14EF) w/XYPEX - 78"
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) ADMIXTURE XYPEX C-1000 RED
1) SECONDARY POUR - EXT. FLANGE
2) CASTING - JBS 1312 WT F/C SANITARY
4) 84" - Conseal CS-102 1.00" (Double)
2) A-Lok - 1840

FIRST POUR DRAWING

WEIGHTS:

FIRST POUR: 19,044 LBS

SECOND POUR: 5,049 LBS

TOTAL: 24,093 LBS

0 lb
6992 lb
18626 lb
6985 lb
18626 lb
24093 lb
0 lb
0 lb
0 lb
0 lb
600 lb
0 lb
2 lb

75924 lb

Structure Total:

Structure Notes:

PLAN LABEL: MH-8

1. JBS 1312 WT 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: 412.61'

Rim to Invert: 27.25'

Slack: 0.5"

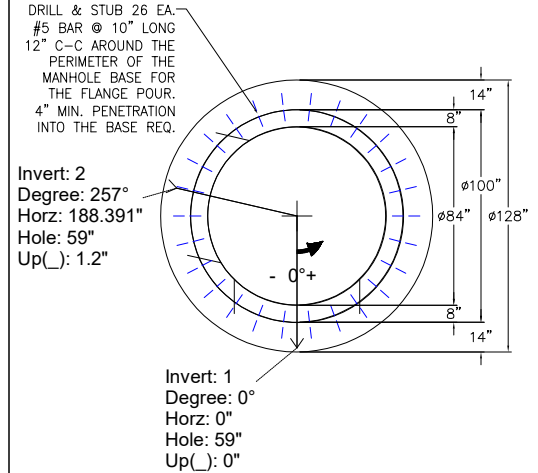
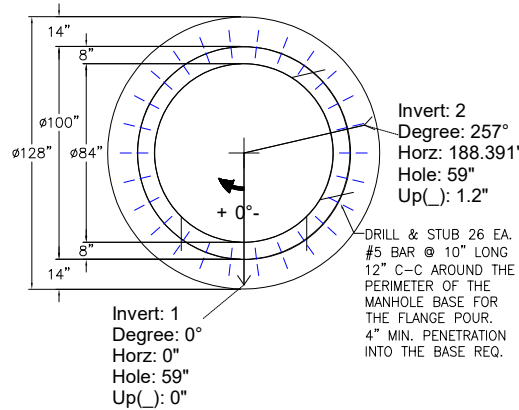
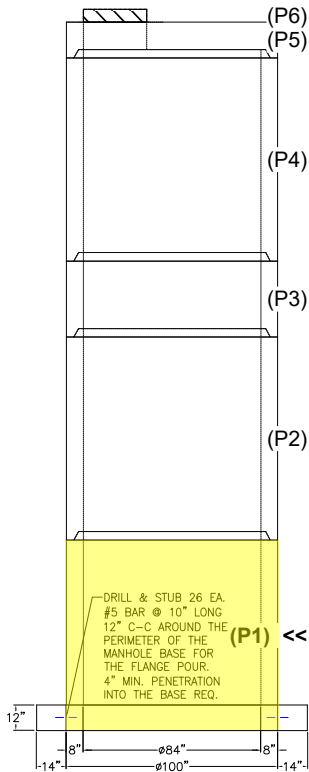
Sump: 2.5"

Step Position:

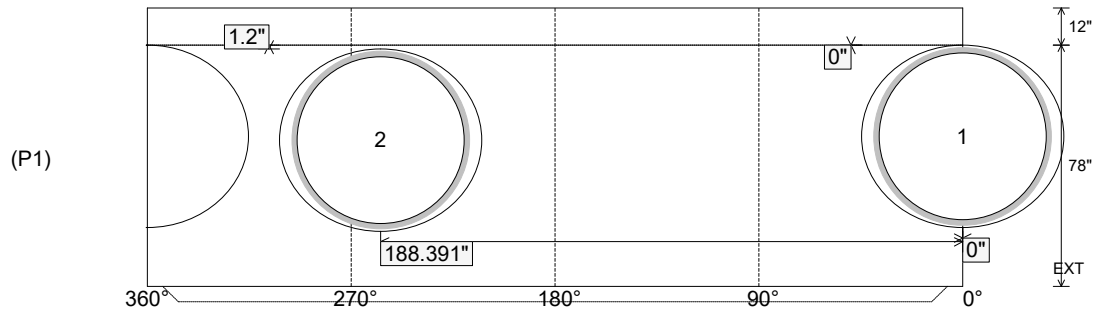
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	385.36'	0°	0"	54" DI	57.5"	A-Lok 1840	59"	65.414"	0"	0"
Invert 2	385.46'	257°	224.275"	54" DI	57.5"	A-Lok 1840	59"	65.414"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



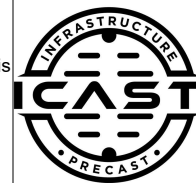
Coating (Int):
Coating (Ext):

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 8"
Floor Height: 12"

Height (Int): 78"
Height (Ext): 90"

Weight (Net): 24093 lb
Volume (Net): 6.15cu.yd



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Volume (Net): 6.15cu.yd