

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

Plant: 100

8/5/2026 9:31:24 AM

Tech: Jared - A

PC: Jay Ross Jarvis



Structure ID: MH-5-6 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 - 96"
P2) 84" - MH RISER w/XYPEX - 96"
P1) 84" - MH BASE w/FLANGE (12F/14EF) w/XYPEX - 93"
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
1) Kor-N-Seal2 - S206-30 (DBL Bands)

FIRST POUR DRAWING

WEIGHTS:

FIRST POUR: 21,955 LBS

SECOND POUR: 5,049 LBS

TOTAL: 27,004 LBS

- 0 lb Structure Notes:
6992 lb PLAN LABEL: MH-5
18626 lb 1. JBS 1312 WT F/C SANITARY PROVIDED BY ICAST.
18143 lb 2. PER ASTM C478 SPECIFICATIONS.
18626 lb 3. CONCRETE = 4,000 PSI AT 28 DAYS.
27004 lb 4. ADMIXTURE = XYPEX C-1000 RED.
0 lb 5. REINFORCING PER ASTM A615 (GRADE 60).
0 lb - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
0 lb - RISER/WALLS (As .24)
600 lb - FLOOR (As .47) #5 BARS AT 8" C.C.E.W.
0 lb 6. DOUBLE BANDS FOR BOOTS
2 lb 7. ANY REQUIRED INTERIOR COATINGS TO BE
6 lb SUPPLIED & APPLIED BY OTHERS.
----- 8. **NO STEPS**

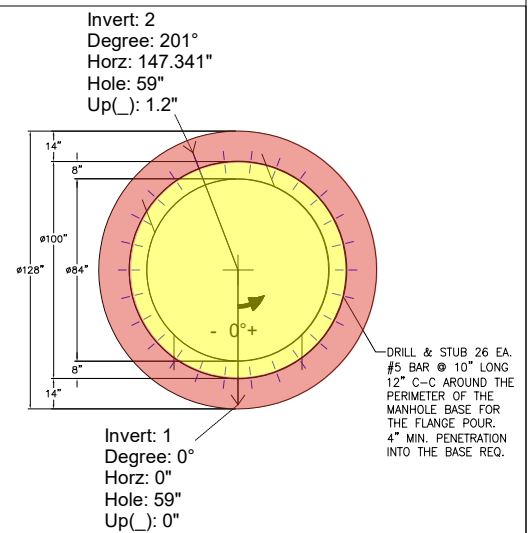
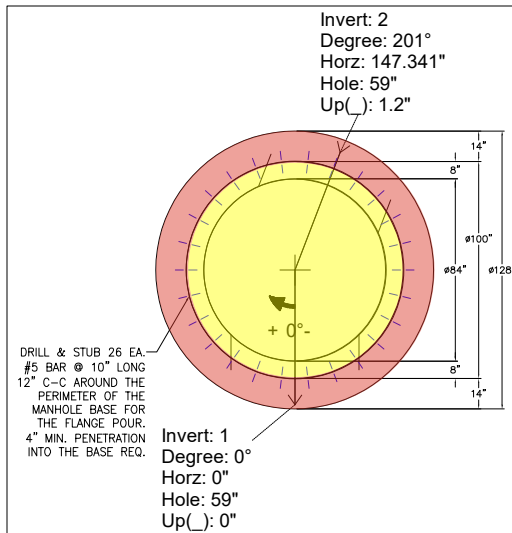
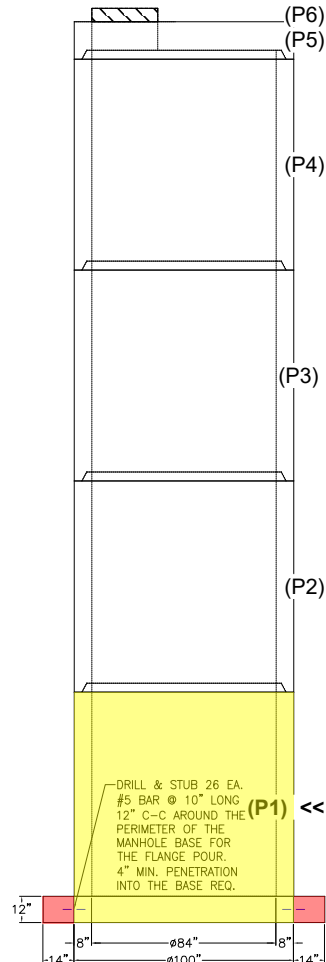
Structure Total: 89999 lb

Rim: 417.26' Rim to Invert: 33.46' Slack: 0.02" Sump: 2.5" Step Position:

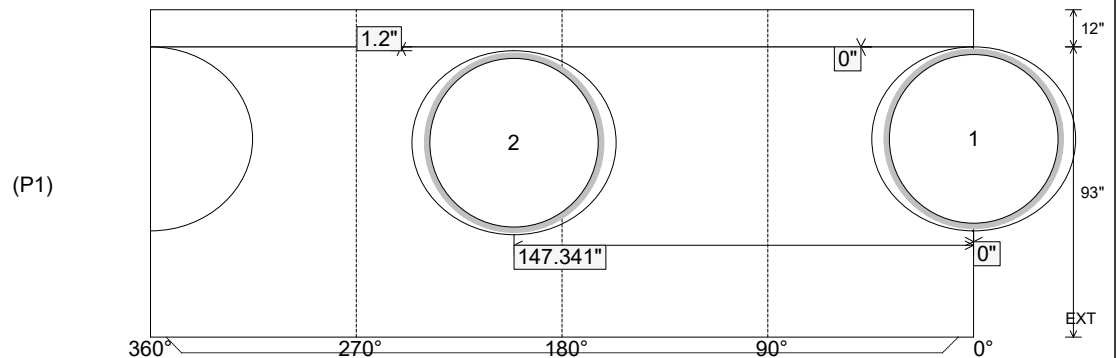
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	383.8'	0°	0"	54" DI	57.5"	A-Lok 1840	59"	65.414"	0"	0"
Invert 2	383.9'	201°	175.406"	54" DI	57.5"	A-Lok 1840	59"	65.414"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 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): 93"
Height (Ext): 105"

Weight (Net): 27004 lb
Volume (Net): 6.9cu.yd

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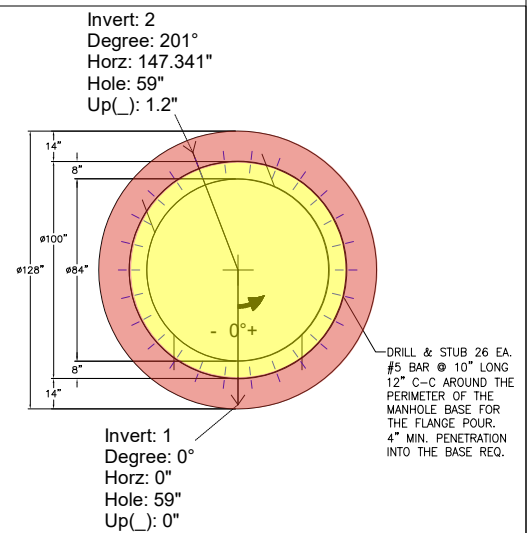
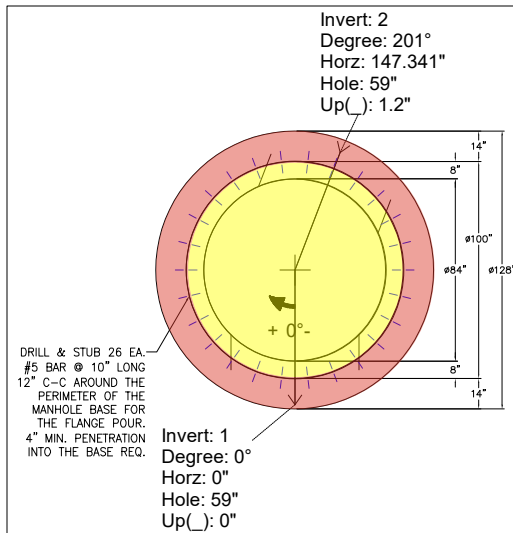
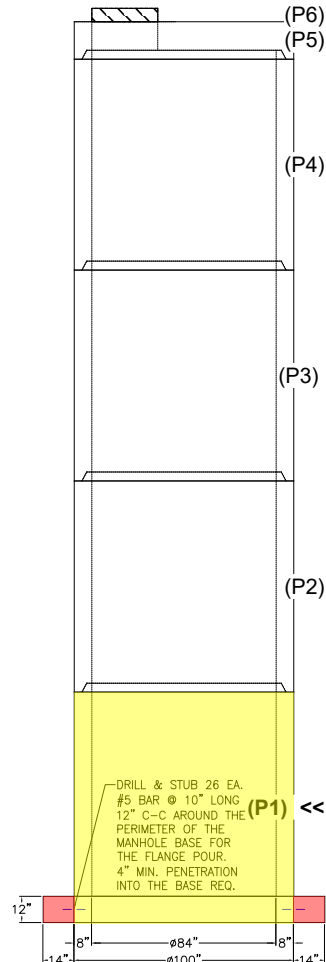
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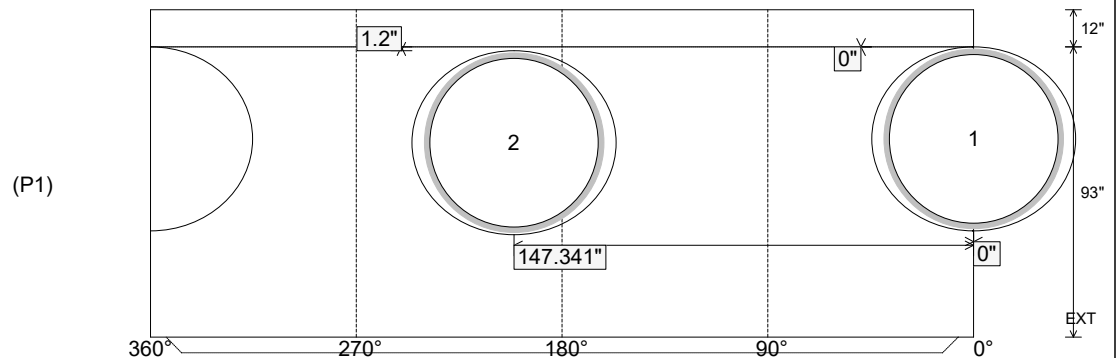
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