

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

Plant: 100

8/24/2026 11:17:38 AM

Tech: Jared - A

PC: Jay Ross Jarvis



Structure ID: MH-21-7 SS-MH

P1 MH060BAEVFX

MH BASE EF (08F/07EF) XYPEX

- P5) 24" - CASTING HEIGHT - 7.50"
P4) 60" - XYPEX MH FLAT TOP w/24" CC Hole - 13"
P3) 60" - MH RISER w/XYPEX SPECIAL - 48"
P2) 60" - MH RISER w/XYPEX SPECIAL - 72"
P1) 60" - MH BASE EF (08F/07EF) XYPEX - 38"
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) 60" - MH INVERT CHANNEL - FULL HEIGHT
1) SECONDARY POUR - EXT. FLANGE
1) CASTING - JBS 1123 WT F/C Sanitary
3) 60" - Conseal CS-102 1.00" (Double)
1) 24" - Conseal CS-102 1.00" (Double)
1) Kor-N-Seal2 - S206-30 (DBL Bands)
1) PSX - 12M DD (DBL Bands)

FIRST POUR DRAWING

WEIGHTS:

FIRST POUR: 6,272 LBS

SECOND POUR: 1,167 LBS

TOTAL: 7,439 LBS

0 lb
2701 lb
5011 lb
7516 lb
7439 lb
0 lb
0 lb
0 lb
2692 lb
0 lb
250 lb
0 lb
0 lb
6 lb
8 lb

Structure Notes:

PLAN LABEL: MH-21

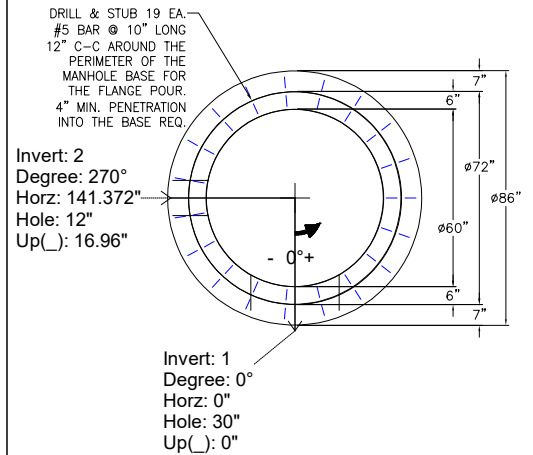
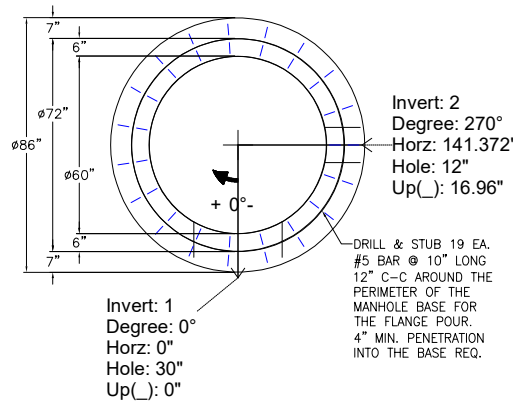
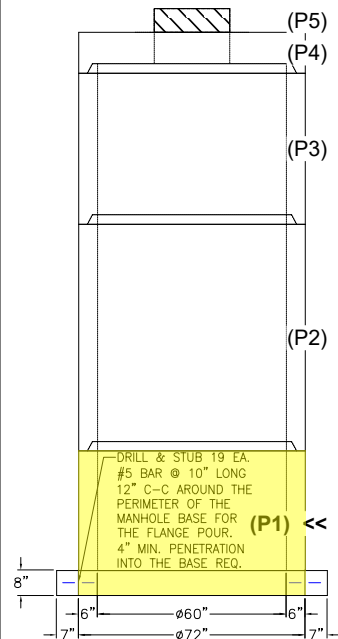
1. JBS 1123 WT F/C SANITARY PROVIDED BY ICAST.
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. ADMIXTURE = XYPEX C-1000 RED.
5. REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - RISER/WALLS (As .18)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.
6. DOUBLE BANDS FOR BOOTS
7. **NO STEPS**

Rim: 417.06' Rim to Invert: 14.7' Slack: 0.9' Sump: 3' Structure Total: 25624 lb

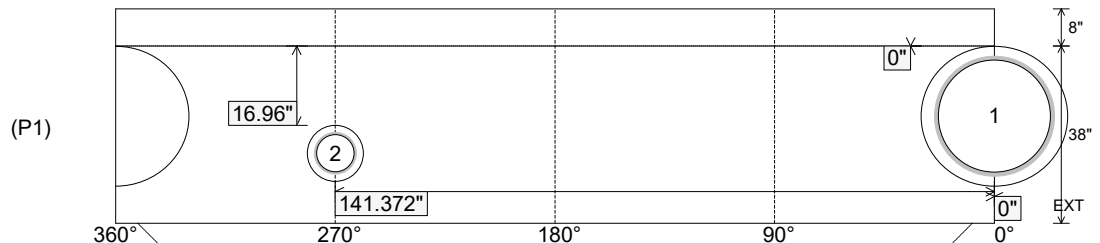
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	402.36'	0°	0"	24" DI	25.75"	Kor-N-Seal2 S206-30 (DBL Bands)	30"	31.416"	0"	0"
Invert 2	403.69'	270°	169.646"	8" DI	9"	PSX 12M DD (DBL Bands)	12"	12.081"	16.96"	0"
Invert 3										
Invert 4										
Invert 5										
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

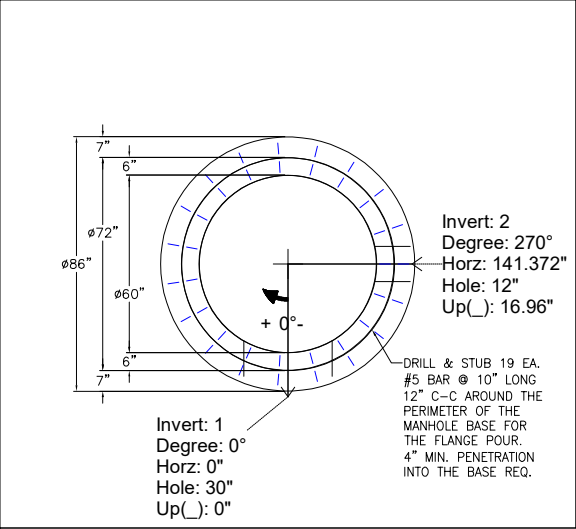
Wall Thickness: 6"
Floor Height: 8"

Height (Int): 38"
Height (Ext): 46"

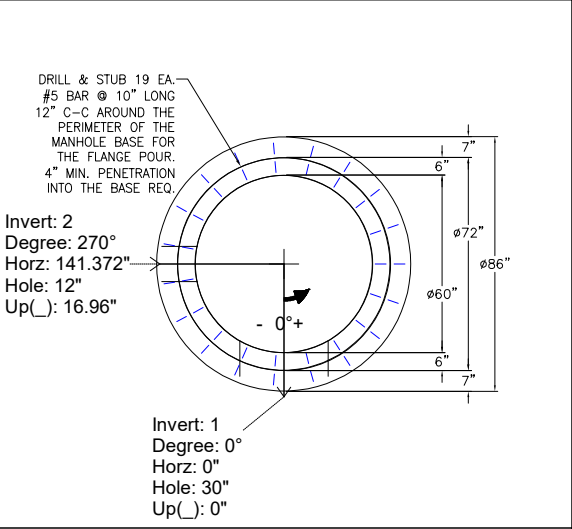
Weight (Net): 7439 lb
Volume (Net): 1.9cu.yd

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Structure ID: MH-21-7 SS-MH													
P1 MH060BAEVFX		MH BASE EF (08F/07EF) XYPEX											
P5) 24" - CASTING HEIGHT - 7.50" P4) 60" - XYPEX MH FLAT TOP w/24" CC Hole - 13" P3) 60" - MH RISER w/XYPEX SPECIAL - 48" P2) 60" - MH RISER w/XYPEX SPECIAL - 72" P1) 60" - MH BASE EF (08F/07EF) XYPEX - 38" 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) 60" - MH INVERT CHANNEL - FULL HEIGHT 1) SECONDARY POUR - EXT. FLANGE 1) CASTING - JBS 1123 WT F/C Sanitary 3) 60" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 1) Kor-N-Seal2 - S206-30 (DBL Bands) 1) PSX - 12M DD (DBL Bands)					SECOND POUR DRAWING WEIGHTS: FIRST POUR: 6,272 LBS SECOND POUR: 1,167 LBS TOTAL: 7,439 LBS		0 lb 2701 lb 5011 lb 7516 lb 7439 lb 0 lb 0 lb 0 lb 2692 lb 0 lb 250 lb 0 lb 0 lb 6 lb 8 lb		Structure Notes: PLAN LABEL: MH-21 1. JBS 1123 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 .18) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W. 6. DOUBLE BANDS FOR BOOTS 7. **NO STEPS**				
Rim: 417.06'		Rim to Invert: 14.7'		Slack: 0.9"		Sump: 3		Structure Total: 25624 lb		Step Position:			
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector		Hole	Horz Size	Up ()	Offset		
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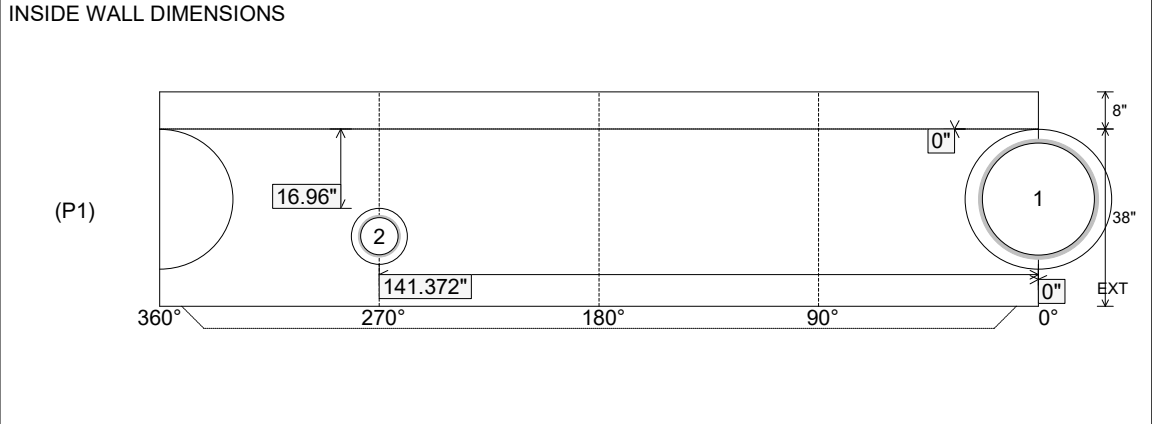
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 6" Floor Height: 8"	Height (Int): 38" Height (Ext): 46"	Weight (Net): 7439 lb Volume (Net): 1.9cu.yd
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