

Job Name: 24-3511 Coles Ferry Section 18 & 19
 Job Location: Lebanon, TN
 Contractor: Covenant Constructors, LLC

Plant: Beaver Dam, KY
 2/23/2026 4:39:19 PM

Tech: J. Horsley
 PC: A. Chambers



Structure ID: SAMH C3

P1 MH048BAVFX

MH BASE Custom Ht, w/XYPEX T/n

P4) 24" - CASTING HEIGHT - 6"	0 lb
P3) 48" - CON XYPEX CONE w/24" HOLE F/G - 24"	2251 lb
P2) 48" - MH RISER w/XYPEX T/G - 60"	4192 lb
P1) 48" - MH BASE Custom Ht, w/XYPEX T/n - 27"	3169 lb
1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) ADMIXTURE XYPEX C-500 NF RED	0 lb
1) CASTING - JBS 1155 F/C SANITARY	250 lb
2) 48" - DBL 1"x14.5' Butyl (2x)	0 lb
1) Kor-N-Seal1 - S106-12AW	6 lb
9) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	11308 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = XYPEX C-500 NF RED 3.5% BY WEIGHT OF CEMENT
 4. CASTING BY ICAST (JBS 1155 F/C).

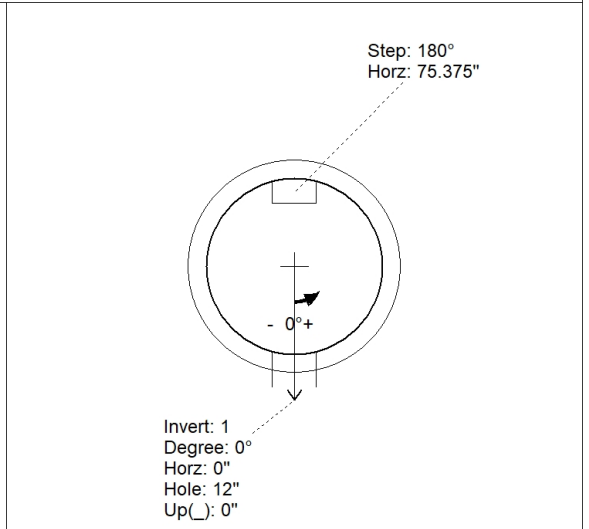
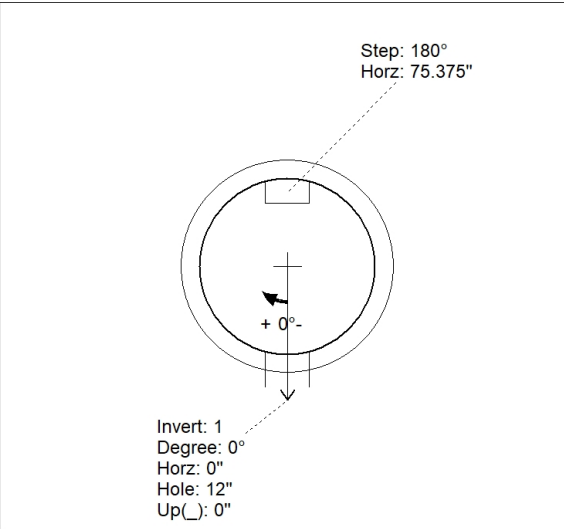
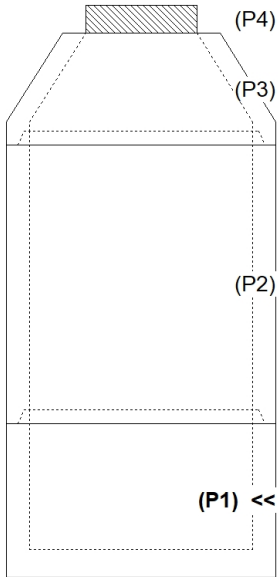
 REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 577.04' Rim to Invert: 9.64' Slack: 0.68" Sump: 2" Step Position: 180°

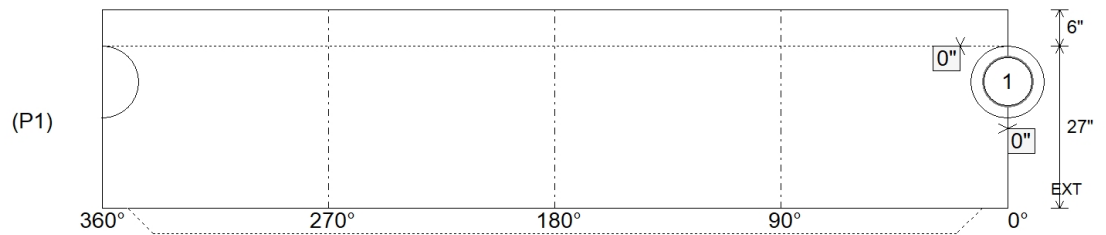
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (↓)	Offset
Invert 1	567.4'	0°	0"	8" PVC SDR26	8.5"	Kor-N-Seal1 S106-12AW	12"	12.129"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

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: 5" Floor Height: 6"	Height (Int): 27" Height (Ext): 33"	Weight (Net): 3169 lb Volume (Net): 0.81cu.yd
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0 lb
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 4192 lb
 3169 lb
 1440 lb
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 6 lb
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Structure Total: 11308 lb

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REINFORCING PER ASTM A615 (GRADE 60).

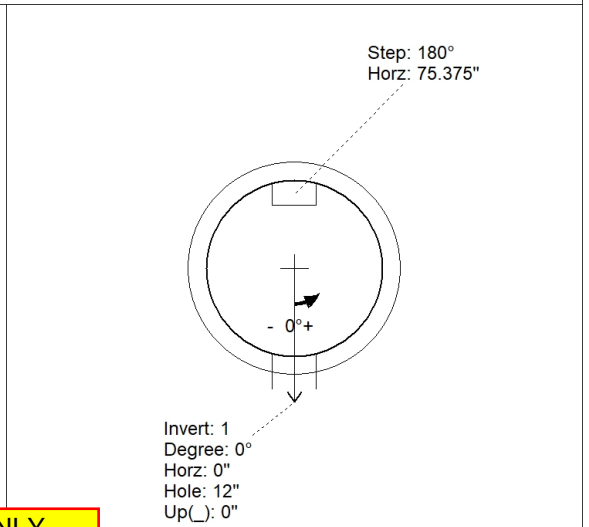
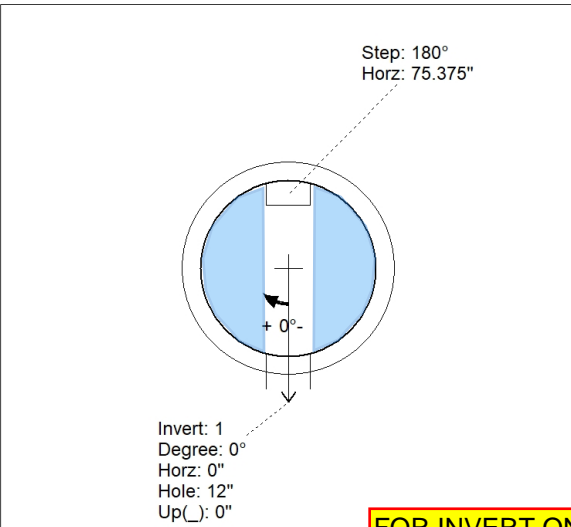
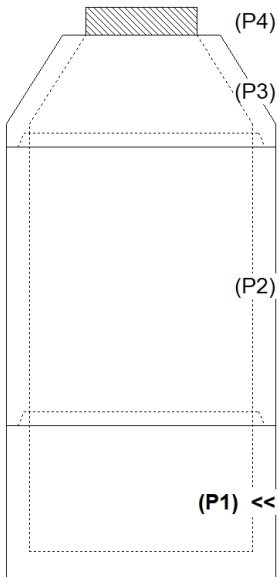
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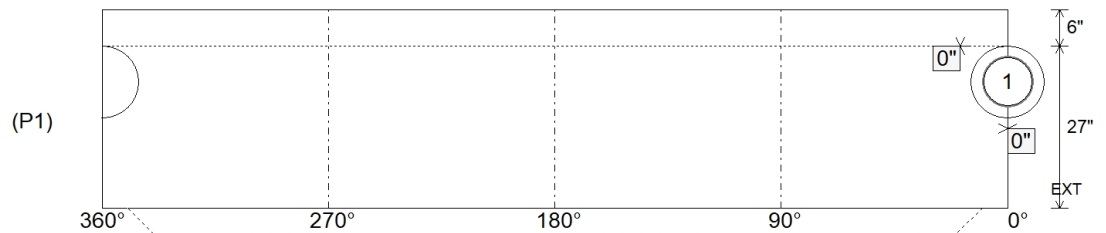
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



FOR INVERT ONLY

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 Coating (Ext):

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 Seam Dn: n/a

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 Floor Height: 6"

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