

Job Name: 24-3462 Coles Ferry Section 20
 Job Location: Lebanon, TN
 Contractor: Covenant Constructors, LLC

Plant: Beaver Dam, KY
 2/23/2026 3:38:19 PM

Tech: J. Horsley
 PC: A. Chambers



Structure ID: SAMH C3

P1 MH048BAVFX

MH BASE Custom Ht, w/YYPEX T/n

- P4) 24" - CASTING HEIGHT - 6"
- P3) 48" - CON XYPEX CONE w/24" HOLE F/G - 36"
- P2) 48" - MH RISER w/YYPEX T/G - 24"
- P1) 48" - MH BASE Custom Ht, w/YYPEX T/n - 25"
- 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212
- 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
- 1) 48" - MH INVERT CHANNEL w/YYPEX - FULL HEIGHT
- 1) ADMIXTURE XYPEX C-1000 RED
- 1) CASTING - JBS 1155 F/C SANITARY
- 2) 48" - DBL 1"x14.5' Butyl (2x)
- 1) Kor-N-Seal1 - S406-12AW
- 2) Kor-N-Seal1 - S106-12AW
- 7) MH Step ML-10-TDS-NCR - 10"

0 lb
 2251 lb
 1677 lb
 2933 lb
 0 lb
 0 lb
 1440 lb
 0 lb
 250 lb
 0 lb
 6 lb
 13 lb
 0 lb

 Structure Total: 8570 lb

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. ADMIXTURE = XYPEX C-1000 RED (AT 3.5% BY WEIGHT OF CONCRETE)
 4. CASTING BY ICAST (JBS 1155 F/C) SHIPPED LOOSE.

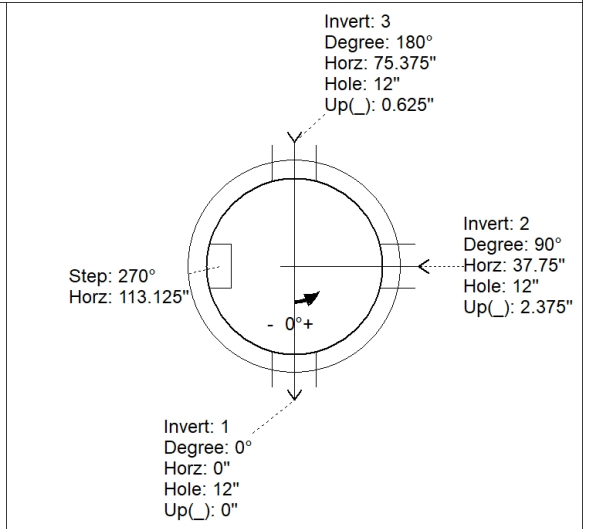
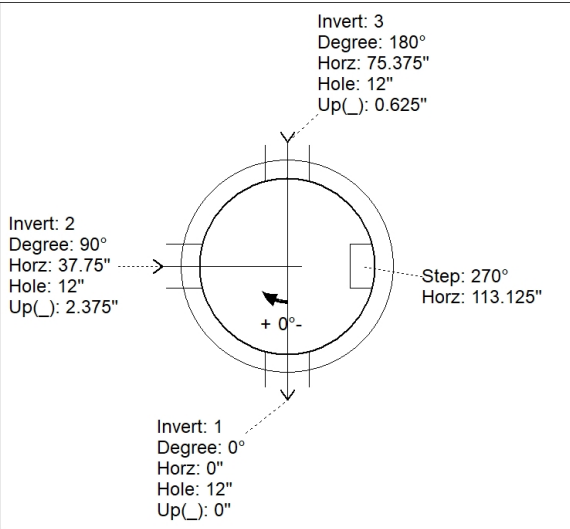
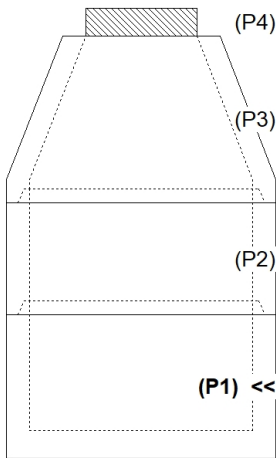
 REINFORCING PER ASTM A615 (GRADE 60).
 - CONE (As .12)
 - RISER (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 547.85' Rim to Invert: 7.45' Slack: 0.4" Sump: 2" Step Position: 270°

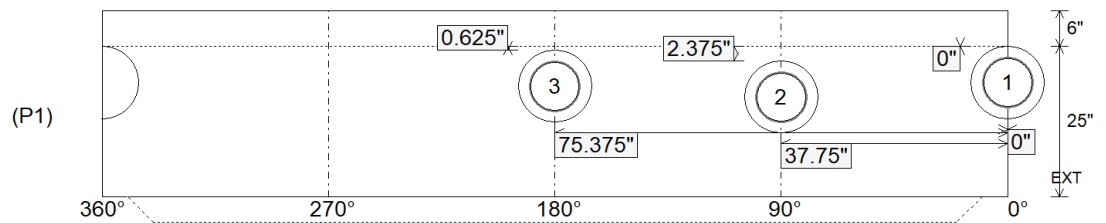
| Position | Elev | Angle | Ext. (cw) | Pipe | Pipe OD | Connector | Hole | Horz Size | Up () | Offset |
|----------|---------|-------|-----------|--------------|---------|-----------------------|------|-----------|--------|--------|
| Invert 1 | 540.4' | 0° | 0" | 8" PVC SDR26 | 8.5" | Kor-N-Seal1 S406-12AW | 12" | 12.129" | 0" | 0" |
| Invert 2 | 540.6' | 90° | 45.5" | 8" PVC SDR26 | 8.5" | Kor-N-Seal1 S106-12AW | 12" | 12.129" | 2.375" | 0" |
| Invert 3 | 540.45' | 180° | 91.125" | 8" PVC SDR26 | 8.5" | Kor-N-Seal1 S106-12AW | 12" | 12.129" | 0.625" | 0" |
| 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): 25"
 Height (Ext): 31"

Weight (Net): 2933 lb
 Volume (Net): 0.75cu.yd

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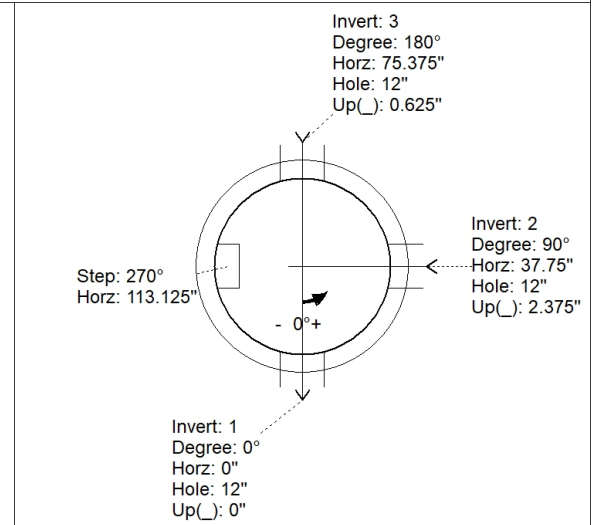
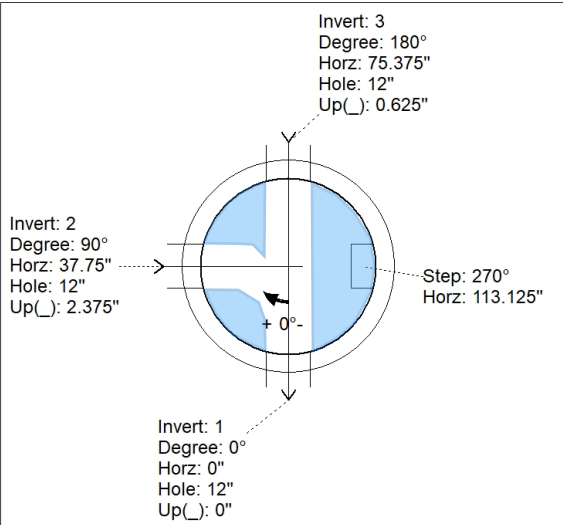
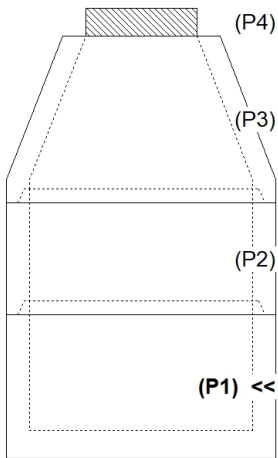
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| Invert 5 | | | | | | | | | | |
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| Invert 7 | | | | | | | | | | |
| Invert 8 | | | | | | | | | | |

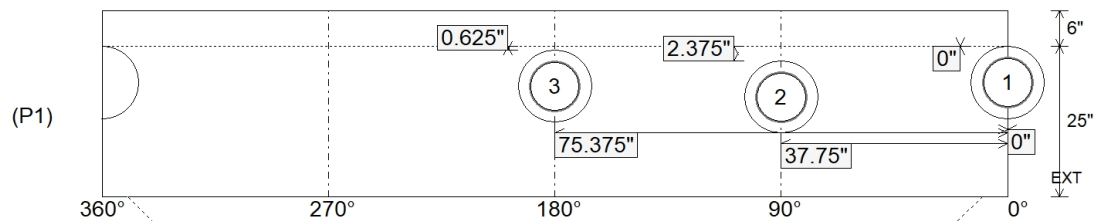
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FOR INVERT ONLY



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