

Job Name: 26-1453 Clarksville, TN SPC13A  
Job Location: Clarksville, TN  
Contractor: Cleary Construction, Inc.

Plant: Beaver Dam

6/23/2026 9:10:10 AM

Tech: J. Coppage

PC: C. Goff



Structure ID: 13A-PS-MH-002

P1 MH048BAVF-DCDARED

MH BASE w/DROP Cust. Ht/ConBlock-CDA Red

- P6) 24" - CASTING HEIGHT - 6"  
P5) 24" - GRADE RING w/ConBlock-CDA Red - 4"  
P4) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red - 24"  
P3) 48" - MH RISER w/ConBlock-CDA Red - 48"  
P2) 48" - MH RISER w/DROP/ConBlock-CDA Red - 72"  
P1) 48" - MH BASE w/DROP Cust. Ht/ConBlock-CDA Red - 27"  
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212  
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)  
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT  
3) 48" - Conseal CS-102 1.00" (Double)  
2) 24" - Conseal CS-102 1.00" (Double)  
2) A-Lok - 0410  
14) MH Step ML-10-TDS-NCR - 10"

- 0 lb Structure Notes: 1. JBS-1155 SANITARY PROVIDED BY ICAST.  
270 lb 2. PER ASTM C478 SPECIFICATIONS.  
1738 lb 3. CONCRETE = 4,000 PSI AT 28 DAYS.  
3353 lb 4. REINFORCING PER ASTM A615 (GRADE 60).  
5030 lb - CONE (As .12)  
3090 lb - RISER/WALLS (As .12)  
0 lb - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.  
1440 lb 5. BASE AND RISERS OF STRUCTURE HAVE BEEN PREVIOUSLY PRODUCED STRUCTURE ID PS-MH-002-3SS-MHD. EXTERNAL DROP NO LONGER  
0 lb NEEDED TO BE PLUGGED. CONE NEEDS TO BE PRODUCED AS PREVIOUS CONE WAS 30".  
0 lb  
2 lb  
0 lb

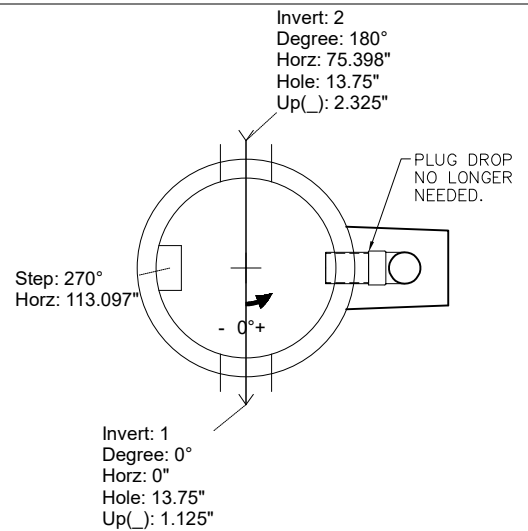
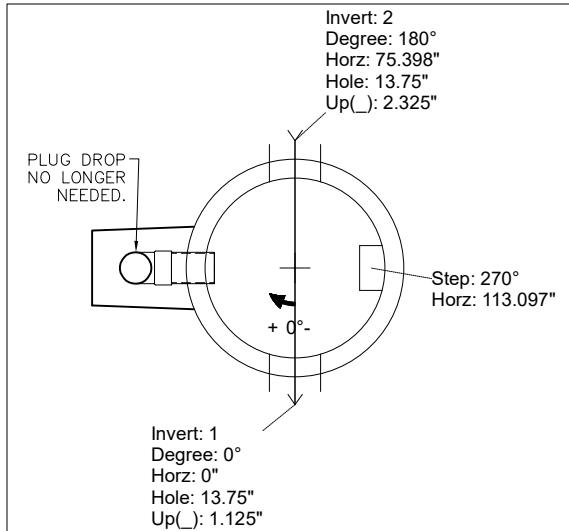
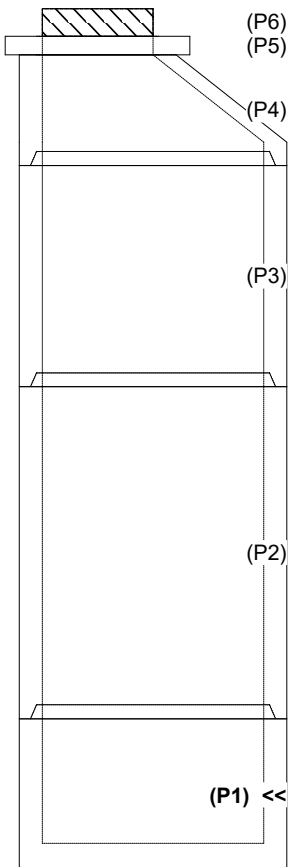
Structure Total: 14924 lb

Rim: 542.44' Rim to Invert: 14.94' Slack: 0.28" Sump: 2" Step Position: 270

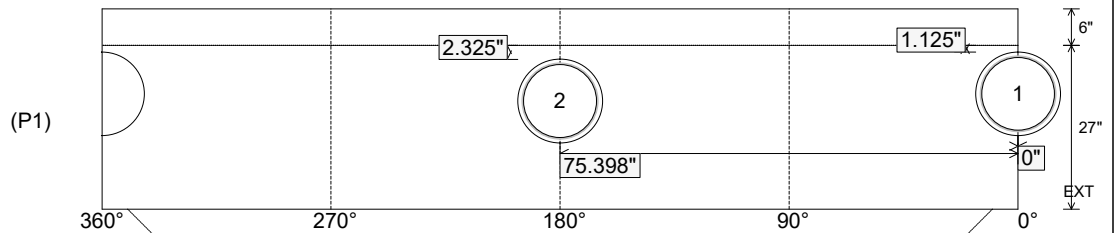
| Position | Elev   | Angle | Ext. (cw) | Pipe          | Pipe OD | Connector  | Hole   | Horz Size | Up (L) | Offset |
|----------|--------|-------|-----------|---------------|---------|------------|--------|-----------|--------|--------|
| Invert 1 | 527.5' | 0°    | 0"        | 12" PVC SDR26 | 12.5"   | A-Lok 0410 | 13.75" | 13.945"   | 1.125" | 0"     |
| Invert 2 | 527.6' | 180°  | 91.106"   | 12" PVC SDR26 | 12.5"   | A-Lok 0410 | 13.75" | 13.945"   | 2.325" | 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: 5"  
Floor Height: 6"

Height (Int): 27"  
Height (Ext): 33"

Weight (Net): 3090 lb  
Volume (Net): 0.79cu.yd

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INVERT CHANNEL DRAWING  
FULL HEIGHT INVERT

Structure Total:

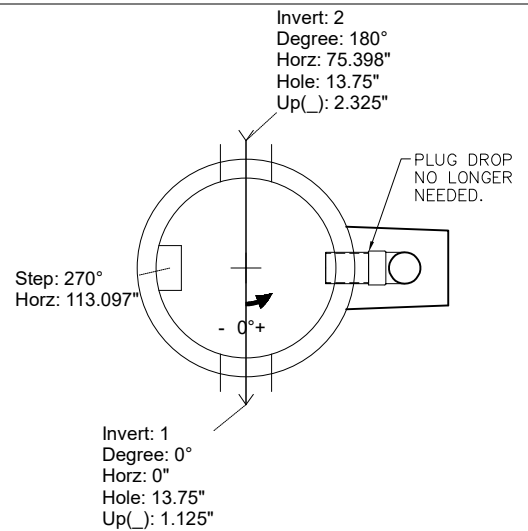
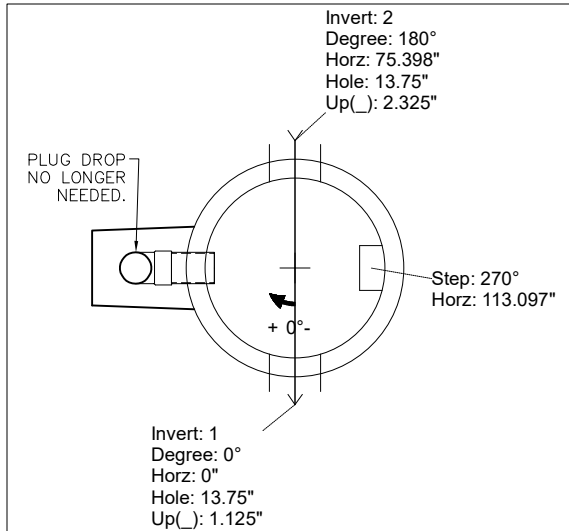
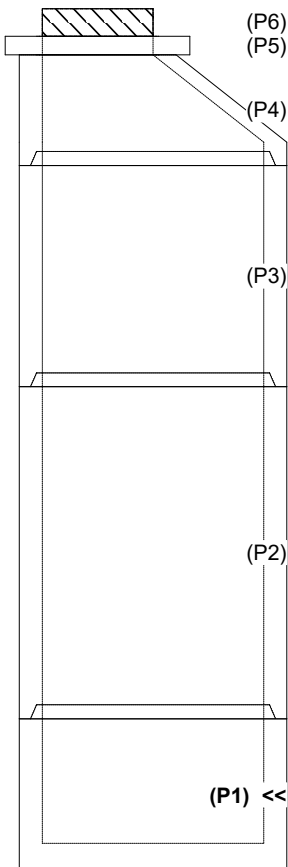
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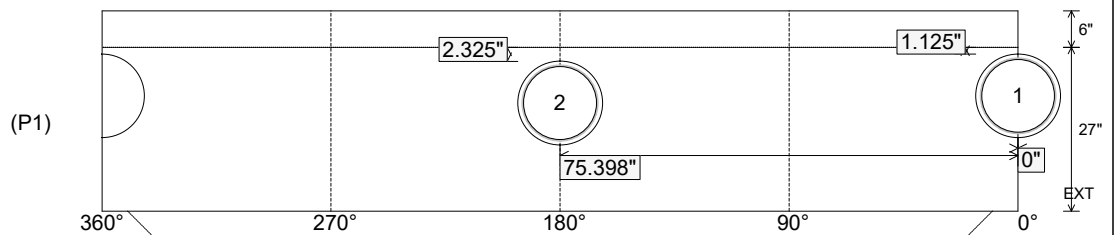
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| Invert 6 |        |       |           |               |         |            |        |           |        |        |
| Invert 7 |        |       |           |               |         |            |        |           |        |        |
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