

Job Name: 25-4583 - Housing Authority  
 Job Location: Morgantown, KY 42261  
 Contractor: Dirt Movers

Plant: 100

Tech: J. Horsley - A

12/30/2025 9:59:46 AM

PC: Trevor Lewis



**Structure ID: 1 (8)**

**P1 MH048BA48**

**MH BASE F/n**

- P3) 24" - CASTING HEIGHT - 7"
- P2) 48" - MH FLAT LID w/24in ECC Hole F/F - 7"
- P1) 48" - MH BASE F/n - 48"
- 1) CASTING - HOE MC-315 F/C Storm
- 1) 48" - Conseal CS-102 1.00"
- 2) Hole - 28
- 1) Hole - 16
- 4) MH Step ML-10-TDS-NCR - 10"

0 lb  
 1286 lb  
 4052 lb  
 258 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 -----  
 Structure Total: 5596 lb

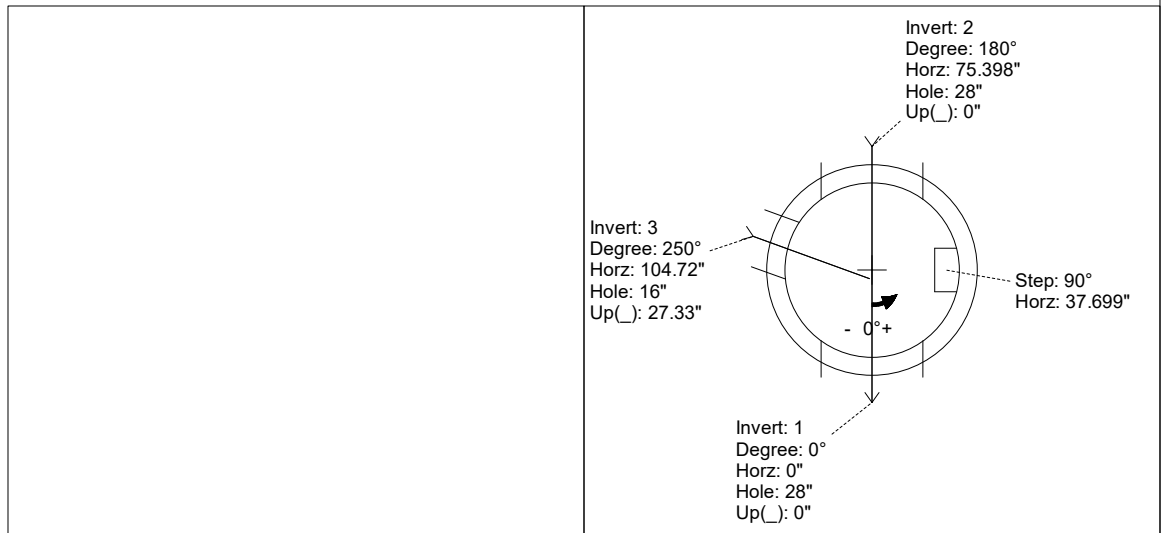
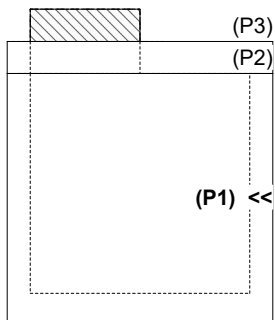
- Structure Notes:**
1. HOE MC-315 FRAME & COVER "STORM" PROVIDED BY ICAST
  2. PER ASTM C-478 SPECIFICATIONS
  3. CONCRETE: 4,000 PSI AT 28 DAYS
  4. REINFORCEMENT: PER ASTM A615
  5. STEPS AT 90 DEGREES

Rim: 502.9' Rim to Invert: 5.19' Slack: 0.78" Sump: 0.5" Step Position: 0°

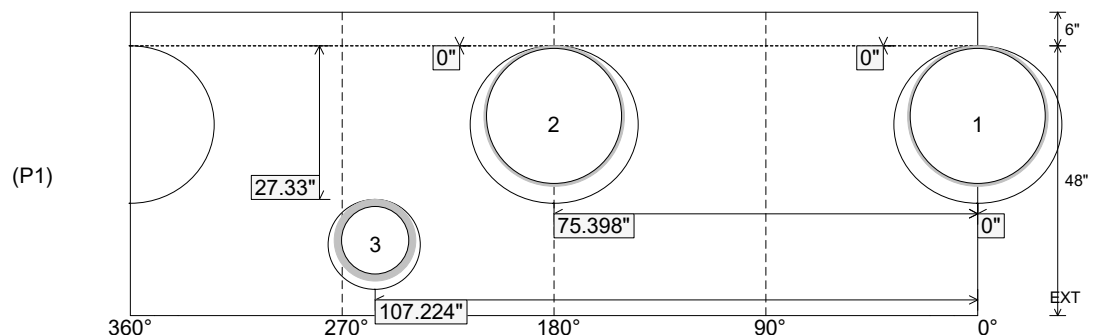
| Position | Elev    | Angle | Ext. (cw) | Pipe     | Pipe OD | Connector | Hole | Horz Size | Up (↓) | Offset |
|----------|---------|-------|-----------|----------|---------|-----------|------|-----------|--------|--------|
| Invert 1 | 497.71' | 0°    | 0"        | 24" CMP  | 25"     | Hole 28   | 28"  | 29.896"   | 0"     | 0"     |
| Invert 2 | 497.71' | 180°  | 91.106"   | 24" CMP  | 25"     | Hole 28   | 28"  | 29.896"   | 0"     | 0"     |
| Invert 3 | 500.05' | 250°  | 129.039"  | 12" HDPE | 14.5"   | Hole 16   | 16"  | 16.417"   | 27.33" | 2.5"   |
| 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: Flat  
 Seam Dn: n/a

Wall Thickness: 5"  
 Floor Height: 6"

Height (Int): 48"  
 Height (Ext): 54"

Weight (Net): 4052 lb  
 Volume (Net): 1.03cu.yd