

Job Name: 26-2424 Fifth Third Mt. Juliet Central  
Job Location: Mount Juliet, TN 37122  
Contractor: Hayes Pipe Supply

Plant: 100

6/30/2026 11:38:20 AM

Tech: Jared - A

PC: Erica Bradley



## Structure ID: ST-14 ST-MH

**P1 MH048BA36**

**MH BASE**

- P3) 24" - CASTING HEIGHT - 7"  
P2) 48" - MH FLAT TOP w/ 24" ECC Hole - 12"  
P1) 48" - MH BASE - 36"  
1) 48" - Conseal CS-102 1.00"  
1) 24" - Conseal CS-102 1.00"  
2) Hole - 30  
1) Hole - 20  
3) MH Step ML-10-TDS-NCR - 10"

Structure Total: 4639 lb

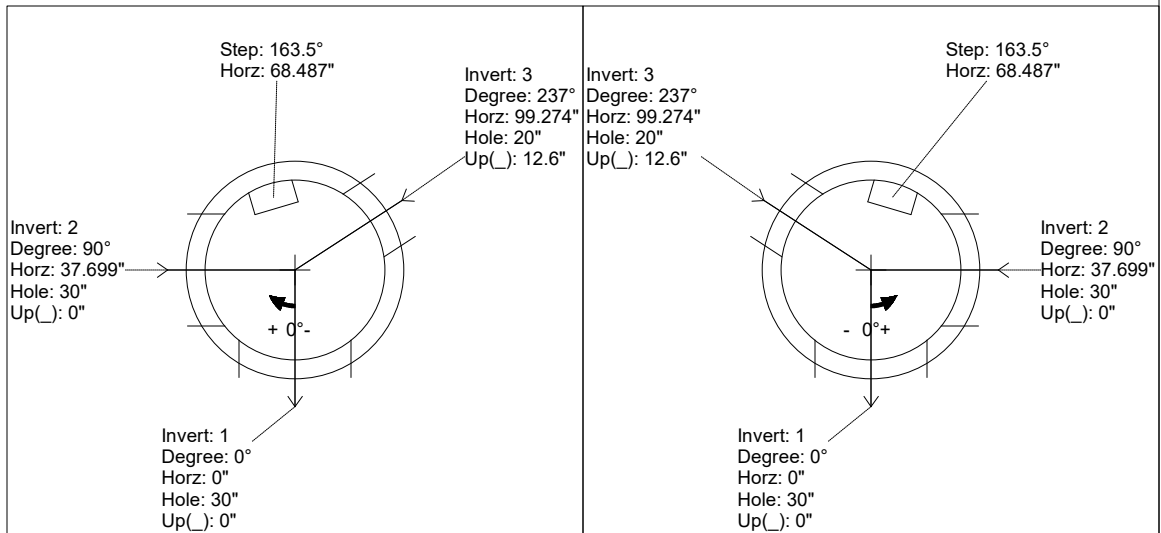
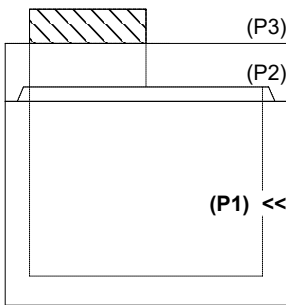
- 0 lb  
1561 lb  
3078 lb  
0 lb  
0 lb  
0 lb  
0 lb  
0 lb  
-----  
4639 lb
- Structure Notes:**  
1. HOE MC-375 F/C STORM PROVIDED BY OTHERS  
2. PER ASTM C478 SPECIFICATIONS.  
3. CONCRETE = 4,000 PSI AT 28 DAYS.  
4. REINFORCING PER ASTM A615 (GRADE 60).  
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..  
- RISER/WALLS (As .12)  
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 540.25' Rim to Invert: 4.65' Slack: 2.7" Sump: 1.9" Step Position: 163.5°

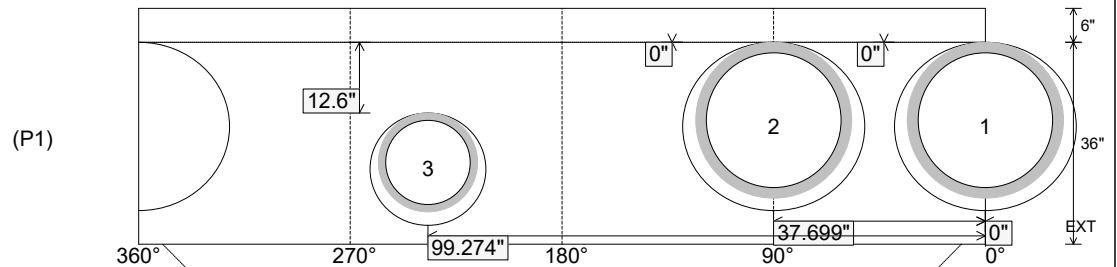
| Position | Elev   | Angle | Ext. (cw) | Pipe     | Pipe OD | Connector | Hole | Horz Size | Up ( ) | Offset |
|----------|--------|-------|-----------|----------|---------|-----------|------|-----------|--------|--------|
| Invert 1 | 535.6' | 0°    | 0"        | 24" HDPE | 27.8"   | Hole 30   | 30"  | 32.406"   | 0"     | 0"     |
| Invert 2 | 535.6' | 90°   | 45.553"   | 24" HDPE | 27.8"   | Hole 30   | 30"  | 32.406"   | 0"     | 0"     |
| Invert 3 | 536.6' | 237°  | 119.956"  | 15" HDPE | 17.6"   | Hole 20   | 20"  | 20.629"   | 12.6"  | 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): 36"  
Height (Ext): 42"

Weight (Net): 3078 lb  
Volume (Net): 0.79cu.yd