

|                                                                                                              |                      |                    |                                                                                    |
|--------------------------------------------------------------------------------------------------------------|----------------------|--------------------|------------------------------------------------------------------------------------|
| Job Name: 25-1401 Irwin Landing Ph. 1<br>Job Location: Murfreesboro, TN<br>Contractor: Bear Construction LLC | Plant: Beaver Dam    | Tech: S. Felletter |  |
|                                                                                                              | 6/9/2026 10:46:22 AM | PC: Erica Bradley  |                                                                                    |

Structure ID: R15

P2 MH048RS48S

MH RISER SPECIAL T/G

|                                                |         |
|------------------------------------------------|---------|
| P4) 28" x 28" - CASTING HEIGHT - 5"            | 0 lb    |
| P3) 48" - MH FLAT TOP w/28"x28" Hole F/G - 12" | 1368 lb |
| P2) 48" - MH RISER SPECIAL T/G - 48"           | 3120 lb |
| P1) 48" - MH BASE T/n - 30"                    | 2960 lb |
| 1) 48" - STORM INVERT CHANNEL - 1/4 HEIGHT     | 1075 lb |
| 1) CASTING - JBS 3104-V SINGLE SET             | 250 lb  |
| 2) 48" - Conseal CS-102 1.00"                  | 0 lb    |
| 1) 28" x 28" - Conseal CS-102 1.00"            | 0 lb    |
| 3) Hole - 26                                   | 0 lb    |
| 6) MH Step ML-10-TDS-NCR - 10"                 | 0 lb    |
| Structure Total:                               | 8773 lb |

Structure Notes:

- PER ASTM C478 SPECIFICATIONS.
- CONCRETE = 4,000 PSI AT 28 DAYS.
- CASTING BY ICAST (JBS-3104 SINGLE SET).

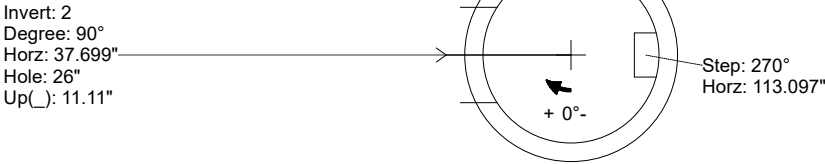
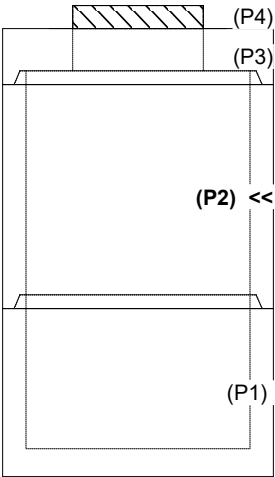
REINFORCING PER ASTM A615 (GRADE 60).

- 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.

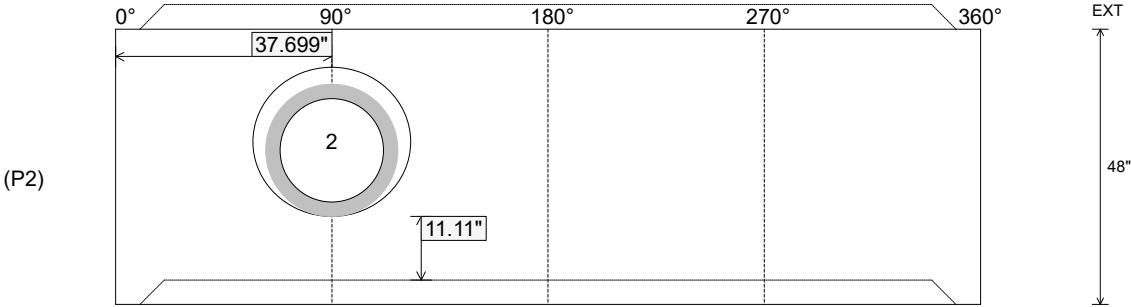
Rim: 576.81'    Rim to Invert: 7.74'    Slack: 0.38"    Sump: 2.5"    Step Position: 270°

| Position | Elev    | Angle | Ext. (cw) | Pipe           | Pipe OD | Connector | Hole | Horz Size | Up ( _ ) | Offset |
|----------|---------|-------|-----------|----------------|---------|-----------|------|-----------|----------|--------|
| Invert 1 |         |       |           |                |         |           |      |           |          |        |
| Invert 2 | 572.85' | 90°   | 45.553"   | 18" RCP B WALL | 23"     | Hole 26   | 26"  | 27.476"   | 11.11"   | 0"     |
| Invert 3 |         |       |           |                |         |           |      |           |          |        |
| Invert 4 |         |       |           |                |         |           |      |           |          |        |
| Invert 5 |         |       |           |                |         |           |      |           |          |        |
| Invert 6 |         |       |           |                |         |           |      |           |          |        |
| Invert 7 |         |       |           |                |         |           |      |           |          |        |
| Invert 8 |         |       |           |                |         |           |      |           |          |        |

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



|                |                 |                    |                   |                        |
|----------------|-----------------|--------------------|-------------------|------------------------|
| Coating (Int): | Seam Up: Tongue | Wall Thickness: 5" | Height (Int): 48" | Weight (Net): 3120 lb  |
| Coating (Ext): | Seam Dn: Groove | Floor Height: 0"   | Height (Ext): 48" | Volume (Net): 0.8cu.yd |