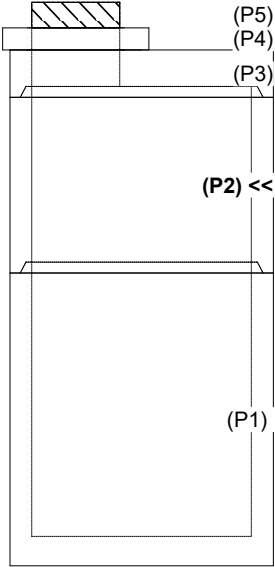
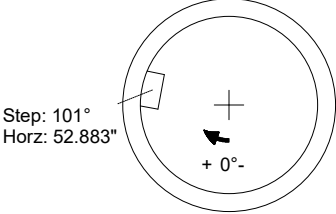
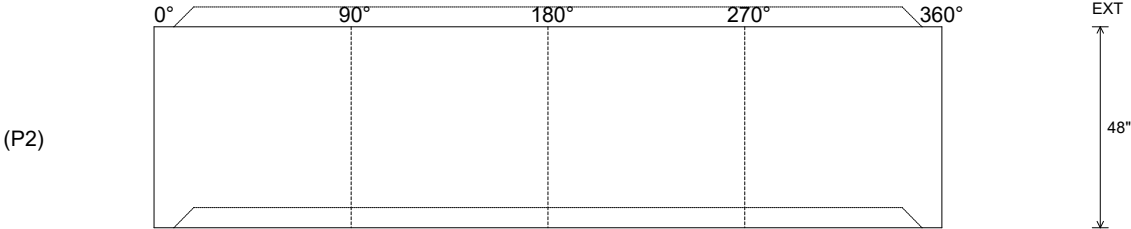


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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------|--|
| Job Name: 25-1401 Irwin Landing Ph. 1<br>Job Location: Murfreesboro, TN<br>Contractor: Bear Construction LLC                                                                                                                                                                                                                                                             |      |                                                                                                                                    |                                    |              | Plant: Beaver Dam<br>6/9/2026 10:46:25 AM |                                                                                                                                               | Tech: S. Felletter<br>PC: Erica Bradley |                                                                                                                                                                                                                                                                                                                              |  |        |  |
| Structure ID: R49                                                                                                                                                                                                                                                                                                                                                        |      |                                                                                                                                    |                                    |              |                                           |                                                                                                                                               |                                         |                                                                                                                                                                                                                                                                                                                              |                                                                                    |        |  |
| P2                                                                                                                                                                                                                                                                                                                                                                       |      | MH060RS48                                                                                                                          |                                    | MH RISER T/G |                                           |                                                                                                                                               |                                         |                                                                                                                                                                                                                                                                                                                              |                                                                                    |        |  |
| <p>P5) 24" - CASTING HEIGHT - 7"<br/>P4) 24" - GRADE RING F/F - 6"<br/>P3) 60" - MH FLAT TOP w/ 24" ECC Hole F/G - 13"<br/>P2) 60" - MH RISER T/G - 48"<br/>P1) 60" - MH BASE T/h - 72"</p> <p>1) 60" - STORM INVERT CHANNEL - 1/4 HEIGHT<br/>1) CASTING - JBS 1150 F/C STORM<br/>2) 60" - Conseal CS-102 1.00"<br/>2) Hole - 48<br/>10) MH Step ML-10-TDS-NCR - 10"</p> |      |                                                                                                                                    |                                    |              |                                           | <p>0 lb<br/>405 lb<br/>2869 lb<br/>5011 lb<br/>8196 lb<br/>1700 lb<br/>250 lb<br/>0 lb<br/>0 lb<br/>0 lb</p> <p>Structure Total: 18431 lb</p> |                                         | <p>Structure Notes:</p> <p>1. PER ASTM C478 SPECIFICATIONS.<br/>2. CONCRETE = 4,000 PSI AT 28 DAYS.<br/>3. CASTING BY ICAST (JBS 1150 F/C "STORM").</p> <p>REINFORCING PER ASTM A615 (GRADE 60).<br/>- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..<br/>- RISER/WALLS (As .18)<br/>- FLOOR (As .37) #5 BARS AT 10" C.C.E.W.</p> |                                                                                    |        |  |
| Rim: 579.59' Rim to Invert: 11.83' Slack: -0.04" Sump: 4" Step Position: 101°                                                                                                                                                                                                                                                                                            |      |                                                                                                                                    |                                    |              |                                           |                                                                                                                                               |                                         |                                                                                                                                                                                                                                                                                                                              |                                                                                    |        |  |
| Position                                                                                                                                                                                                                                                                                                                                                                 | Elev | Angle                                                                                                                              | Ext. (cw)                          | Pipe         | Pipe OD                                   | Connector                                                                                                                                     | Hole                                    | Horz Size                                                                                                                                                                                                                                                                                                                    | Up ( _ )                                                                           | Offset |  |
| Invert 1                                                                                                                                                                                                                                                                                                                                                                 |      |                                                                                                                                    |                                    |              |                                           |                                                                                                                                               |                                         |                                                                                                                                                                                                                                                                                                                              |                                                                                    |        |  |
| Invert 2                                                                                                                                                                                                                                                                                                                                                                 |      |                                                                                                                                    |                                    |              |                                           |                                                                                                                                               |                                         |                                                                                                                                                                                                                                                                                                                              |                                                                                    |        |  |
| Invert 3                                                                                                                                                                                                                                                                                                                                                                 |      |                                                                                                                                    |                                    |              |                                           |                                                                                                                                               |                                         |                                                                                                                                                                                                                                                                                                                              |                                                                                    |        |  |
| Invert 4                                                                                                                                                                                                                                                                                                                                                                 |      |                                                                                                                                    |                                    |              |                                           |                                                                                                                                               |                                         |                                                                                                                                                                                                                                                                                                                              |                                                                                    |        |  |
| Invert 5                                                                                                                                                                                                                                                                                                                                                                 |      |                                                                                                                                    |                                    |              |                                           |                                                                                                                                               |                                         |                                                                                                                                                                                                                                                                                                                              |                                                                                    |        |  |
| Invert 6                                                                                                                                                                                                                                                                                                                                                                 |      |                                                                                                                                    |                                    |              |                                           |                                                                                                                                               |                                         |                                                                                                                                                                                                                                                                                                                              |                                                                                    |        |  |
| Invert 7                                                                                                                                                                                                                                                                                                                                                                 |      |                                                                                                                                    |                                    |              |                                           |                                                                                                                                               |                                         |                                                                                                                                                                                                                                                                                                                              |                                                                                    |        |  |
| Invert 8                                                                                                                                                                                                                                                                                                                                                                 |      |                                                                                                                                    |                                    |              |                                           |                                                                                                                                               |                                         |                                                                                                                                                                                                                                                                                                                              |                                                                                    |        |  |
| RIGHT-SIDE UP VIEW (int. dimensions)                                                                                                                                                                                                                                                                                                                                     |      |                                                                                                                                    |                                    |              |                                           |                                                                                                                                               |                                         |                                                                                                                                                                                                                                                                                                                              |                                                                                    |        |  |
|                                                                                                                                                                                                                                                                                       |      |  |                                    |              |                                           |                                                                                                                                               |                                         |                                                                                                                                                                                                                                                                                                                              |                                                                                    |        |  |
| INSIDE WALL DIMENSIONS                                                                                                                                                                                                                                                                                                                                                   |      |                                                                                                                                    |                                    |              |                                           |                                                                                                                                               |                                         |                                                                                                                                                                                                                                                                                                                              |                                                                                    |        |  |
|                                                                                                                                                                                                                                                                                      |      |                                                                                                                                    |                                    |              |                                           |                                                                                                                                               |                                         |                                                                                                                                                                                                                                                                                                                              |                                                                                    |        |  |
| Coating (Int):<br>Coating (Ext):                                                                                                                                                                                                                                                                                                                                         |      |                                                                                                                                    | Seam Up: Tongue<br>Seam Dn: Groove |              | Wall Thickness: 6"<br>Floor Height: 0"    |                                                                                                                                               | Height (Int): 48"<br>Height (Ext): 48"  |                                                                                                                                                                                                                                                                                                                              | Weight (Net): 5011 lb<br>Volume (Net): 1.28cu.yd                                   |        |  |