

Job Name: 25-4272 Chestnut Street Utility Rehab  
 Job Location: Evansville, IN  
 Contractor: Bowen Engineering Corporation

Plant: Beaver Dam  
 10/23/2025 3:08:19 PM

Tech: J. Coppage  
 PC: A. Chambers



**Structure ID: 103**

**P2 MH060RS36**

**MH RISER**

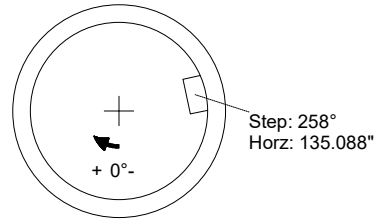
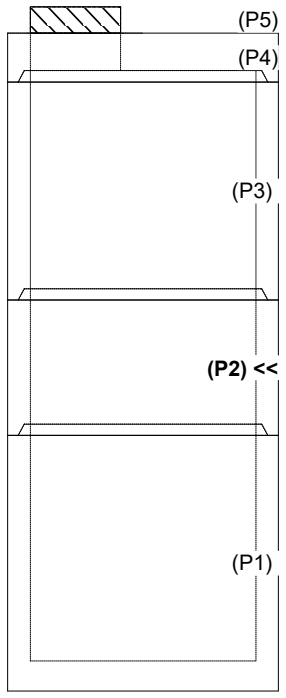
|   |          |
|---|----------|
| P5) 24" - CASTING HEIGHT - 7"               | 0 lb     |
| P4) 60" - MH FLAT TOP w/ 24" ECC Hole - 13" | 2869 lb  |
| P3) 60" - MH RISER Custom Ht - 58"          | 5733 lb  |
| P2) 60" - MH RISER - 36"                    | 3758 lb  |
| P1) 60" - MH BASE - 60"                     | 7633 lb  |
| 1) CASTING - HOE MC-315 F/C Storm           | 258 lb   |
| 3) 60" - Conseal CS-102 1.00"               | 0 lb     |
| 2) Hole - 40                                | 0 lb     |
| 2) Hole - 20                                | 0 lb     |
| 8) MH Step ML-10-TDS-NCR - 10"              | 0 lb     |
| Structure Total:                            | 20252 lb |

**Structure Notes:**  
 1. JR HOE MC-315 STORM PROVIDED BY ICAST.  
 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 .18)  
 - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

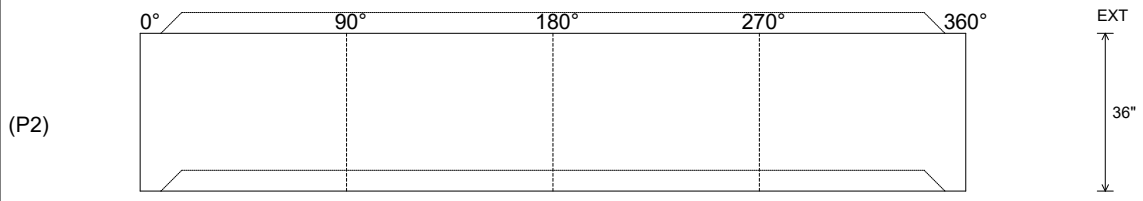
Rim: 379.31' Rim to Invert: 14.51' Slack: 3.62" Sump: 3.5" Step Position: 258°

| Position | Elev | Angle | Ext. (cw) | Pipe | Pipe OD | Connector | Hole | Horz Size | Up (L) | 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): 36"<br>Height (Ext): 36" | Weight (Net): 3758 lb<br>Volume (Net): 0.96cu.yd |
|----------------------------------|------------------------------------|--|--|--|