

Job Name: 25-3479 - Phase 24 Wastewater System Improvements
 Job Location: Columbia, KY
 Contractor: Cumberland Pipeline LLC

Plant: 100
 3/23/2026 1:48:35 PM

Tech: J. Horsley - F
 PC: E. Bradley



Structure ID: Majestic M.V.

P1 MH048BAEVFCDARED

MH BASE w/FLANGE (08F/08EF) w/ConBlock-CDA Red

| | |
|--|-----------------|
| P3) 24" x 24" - CASTING HEIGHT - 0" | 0 lb |
| P2) 48" - MH FLAT TOP w/24"x24" Hatch w/ConBlock-CDA Red F/G - 12" | 1499 lb |
| P1) 48" - MH BASE w/FLANGE (08F/08EF) w/ConBlock-CDA Red T/n - 60" | 7059 lb |
| 1) ADMIXTURE CONBLOCK CDA RED | 0 lb |
| 1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT | 1440 lb |
| 1) HATCH (Alum.) - HALLIDAY W1S 24"x24" | 46 lb |
| 1) 48" - Conseal CS-231 1.00" (Double) | 0 lb |
| 1) 24" x 24" - Conseal CS-231 1.00" (Double) | 0 lb |
| 2) A-Lok - 0160 | 2 lb |
| Structure Total: | 10046 lb |

Structure Notes:
 1. PER ASCTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,500 PSI AT 28 DAYS.
 3. ADMIXTURE = CONBLOCK CDA RED.
 4. NO STEPS.
 5. CASTING BY ICAST (HALLIDAY W1S 24"x24")

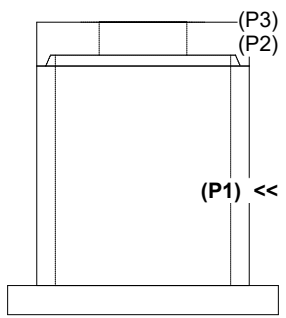
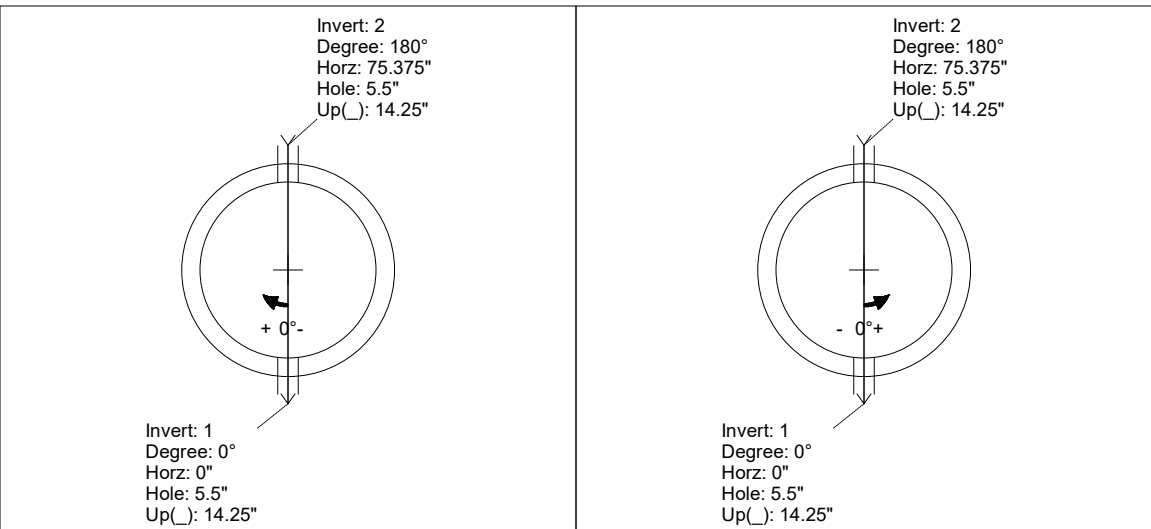
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB = H20 LOADING..
 - RISER (As .24)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 675.89' Rim to Invert: 4.75' Slack: 0" Sump: 15" Step Position:

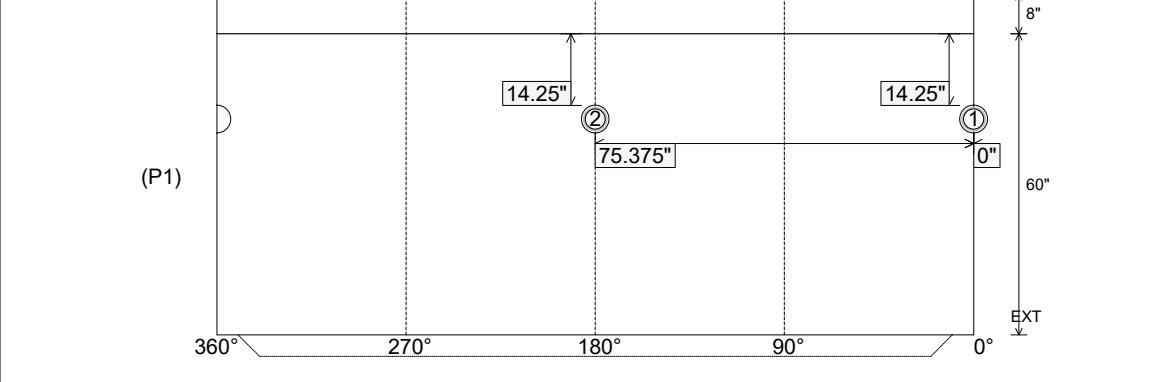
| Position | Elev | Angle | Ext. (cw) | Pipe | Pipe OD | Connector | Hole | Horz Size | Up () | Offset |
|----------|---------|-------|-----------|-------|---------|------------|------|-----------|--------|--------|
| Invert 1 | 671.14' | 0° | 0" | 4" DI | 4.75" | A-Lok 0160 | 5.5" | 5.512" | 14.25" | 0" |
| Invert 2 | 671.14' | 180° | 91.125" | 4" DI | 4.75" | A-Lok 0160 | 5.5" | 5.512" | 14.25" | 0" |
| Invert 3 | | | | | | | | | | |
| 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: 8" | Height (Int): 60" Height (Ext): 68" | Weight (Net): 7059 lb Volume (Net): 1.8cu.yd |
|----------------------------------|---------------------------------|--|--|---|