

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

Plant: Beaver Dam
 10/23/2025 3:07:54 PM

Tech: J. Coppage
 PC: A. Chambers



Structure ID: 103

P1 MH060BA60

MH BASE

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

0 lb
 2869 lb
 5733 lb
 3758 lb
 7633 lb
 258 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 20252 lb

Structure Notes:

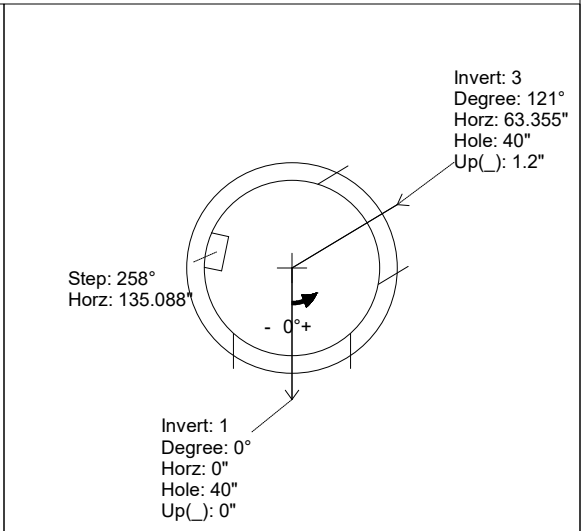
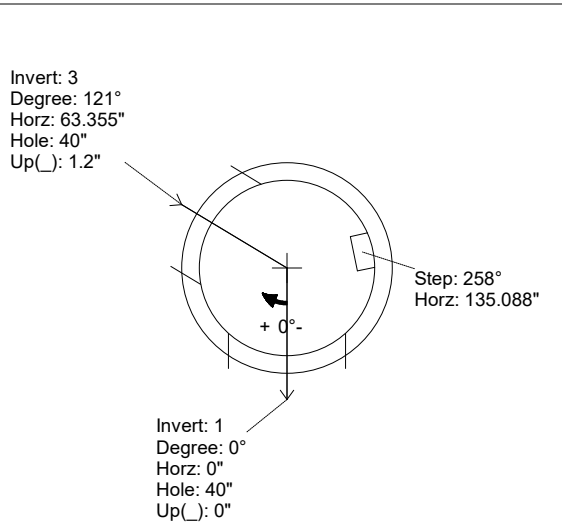
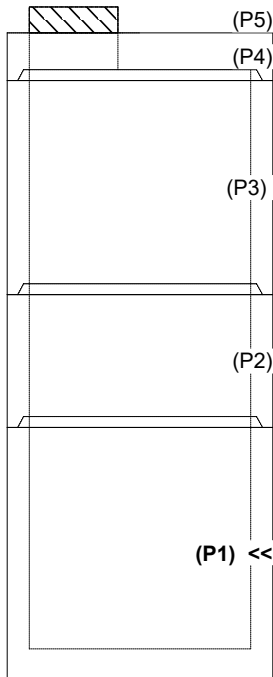
1. JR HOE MC-315 STORM PROVIDED BY ICAST.
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .18)
 - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

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

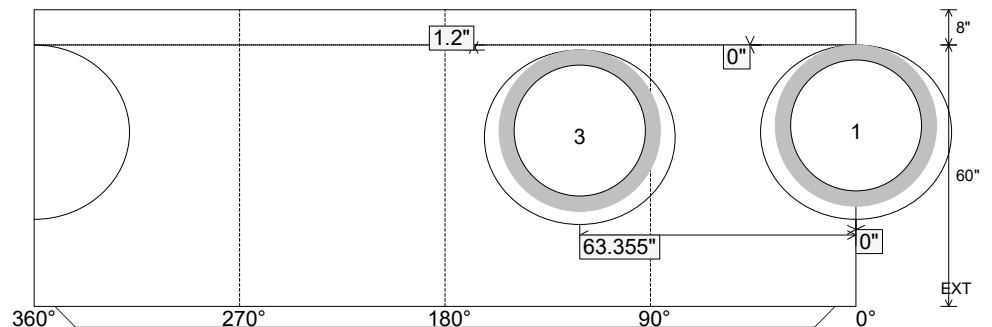
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	364.8'	0°	0"	30" RCP B WALL	37"	Hole 40	40"	43.784"	0"	0"
Invert 2										
Invert 3	364.9'	121°	76.027"	30" RCP B WALL	37"	Hole 40	40"	43.784"	1.2"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 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: 6"
 Floor Height: 8"

Height (Int): 60"
 Height (Ext): 68"

Weight (Net): 7633 lb
 Volume (Net): 1.95cu.yd