

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

Plant: Beaver Dam
 10/23/2025 3:07:53 PM

Tech: J. Coppage
 PC: A. Chambers



Structure ID: 102

P1 MH060BAVF

MH BASE Custom Ht

- P5) 24" x 48" - CASTING HEIGHT - 8"
- P4) 60" - MH FLAT TOP w/24"x48" Hole - 13"
- P3) 60" - MH RISER - 36"
- P2) 60" - MH RISER - 60"
- P1) 60" - MH BASE Custom Ht - 55"
- 1) CASTING - HOE R-3287-5 SET (F/G/H)
- 3) 60" - Conseal CS-102 1.00"
- 1) 24" x 48" - Conseal CS-102 1.00"
- 2) Hole - 40
- 12) MH Step ML-10-TDS-NCR - 10"

0 lb
 2272 lb
 3758 lb
 6264 lb
 7111 lb
 442 lb
 0 lb
 0 lb
 0 lb
 0 lb
 0 lb
 Structure Total: 19847 lb

Structure Notes:

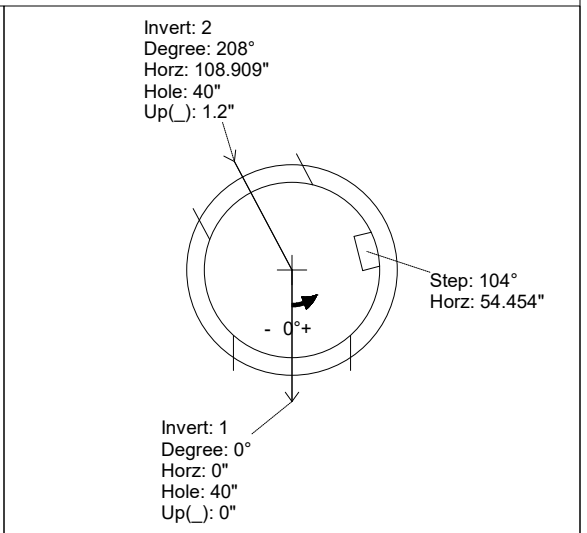
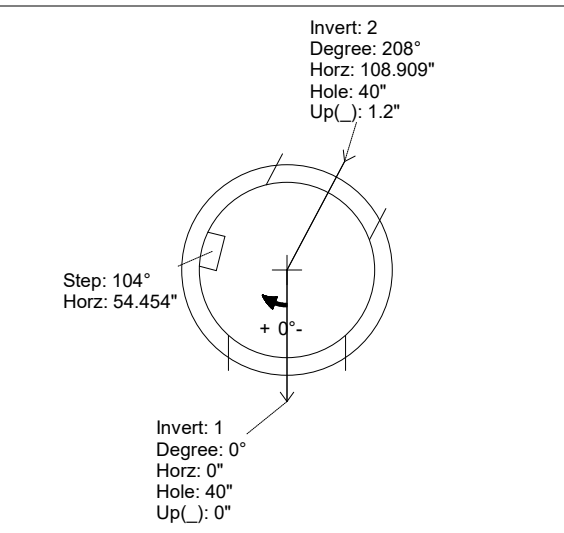
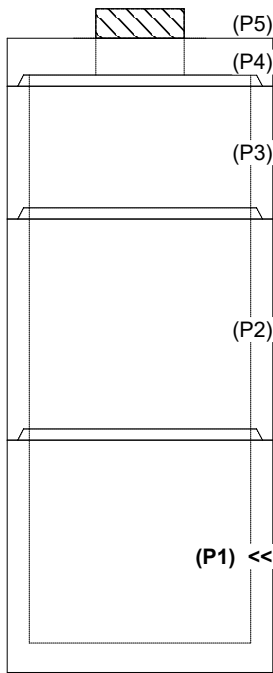
1. JR HOE R-3287-5 PROVIDED BY ICAST.
2. PER ASTM C913 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .18)
 - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

Rim: 378.98' Rim to Invert: 14.3' Slack: 3.1' Sump: 3.5' Step Position: 104°

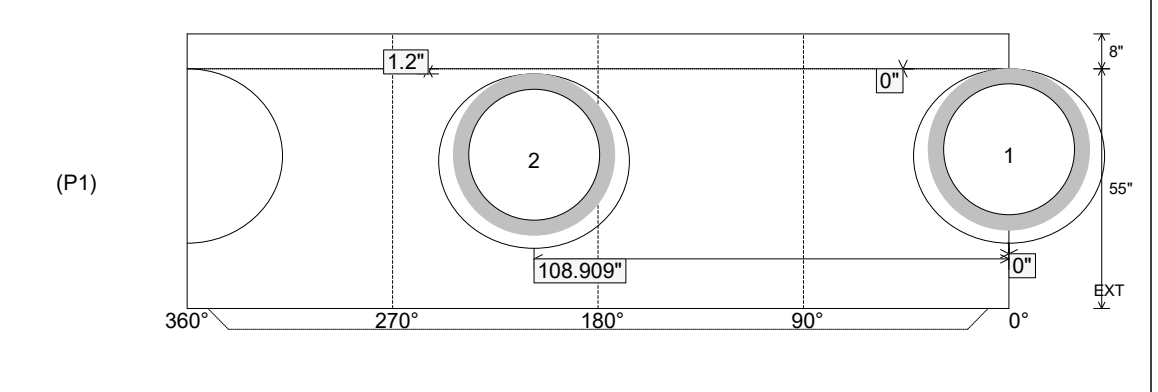
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	364.68'	0°	0"	30" RCP B WALL	37"	Hole 40	40"	43.784"	0"	0"
Invert 2	364.78'	208°	130.69"	30" RCP B WALL	37"	Hole 40	40"	43.784"	1.2"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
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: 6"
 Floor Height: 8"

Height (Int): 55"
 Height (Ext): 63"

Weight (Net): 7111 lb
 Volume (Net): 1.82cu.yd