

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

Plant: Beaver Dam

Tech: J. Coppage

10/23/2025 3:08:21 PM

PC: A. Chambers



**Structure ID: 107**

**P2 MH060RS60S**

**MH RISER SPECIAL**

- P4) 24" - CASTING HEIGHT - 7"
- P3) 60" - MH FLAT TOP w/ 24" ECC Hole - 13"
- P2) 60" - MH RISER SPECIAL - 60"
- P1) 60" - MH BASE - 72"
- 1) CASTING - HOE MC-315 F/C Storm
- 2) 60" - Conseal CS-102 1.00"
- 1) Hole - 40
- 2) Hole - 20
- 11) MH Step ML-10-TDS-NCR - 10"

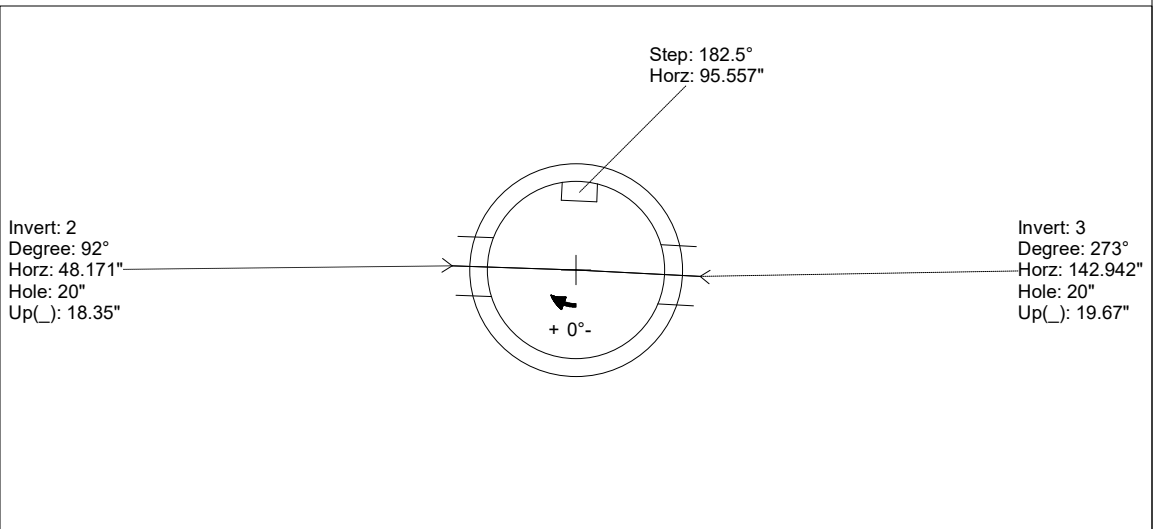
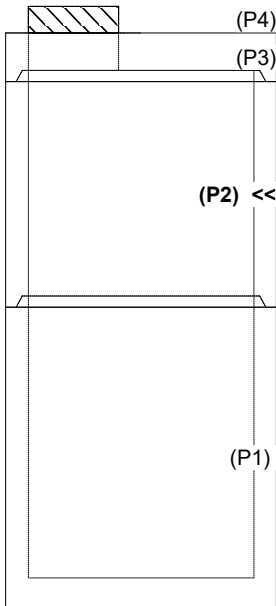
0 lb  
 2869 lb  
 5942 lb  
 9568 lb  
 258 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 Structure Total: 18637 lb

- 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.

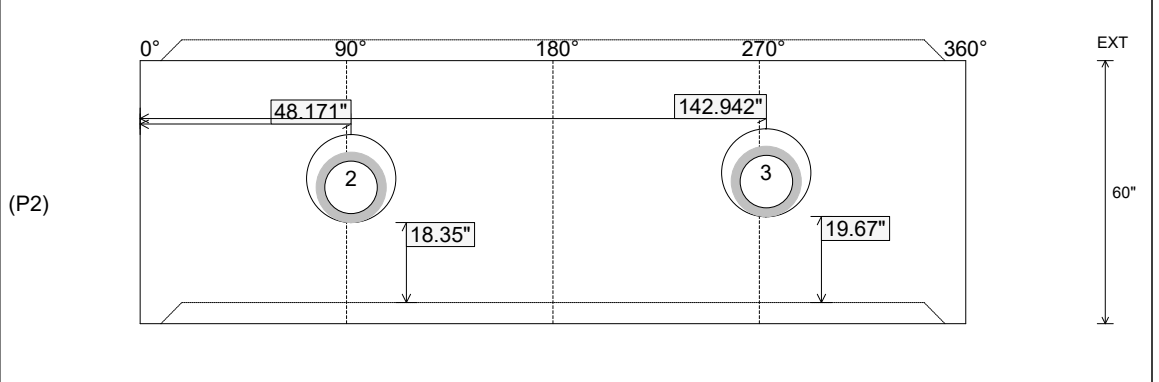
Rim: 377.54' Rim to Invert: 12.59' Slack: 2.58" Sump: 3.5" Step Position: 182.5°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1										
Invert 2	372.75'	92°	57.805"	12" RCP B WALL	16"	Hole 20	20"	20.39"	18.35"	0"
Invert 3	372.86'	273°	171.531"	12" RCP B WALL	16"	Hole 20	20"	20.39"	19.67"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

**RIGHT-SIDE UP VIEW (int. dimensions)**



**INSIDE WALL DIMENSIONS**



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 6" Floor Height: 0"	Height (Int): 60" Height (Ext): 60"	Weight (Net): 5942 lb Volume (Net): 1.52cu.yd
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