

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

Plant: Beaver Dam
 10/23/2025 3:08:16 PM

Tech: J. Coppage
 PC: A. Chambers



Structure ID: 100

P3 MH048RS60

MH RISER

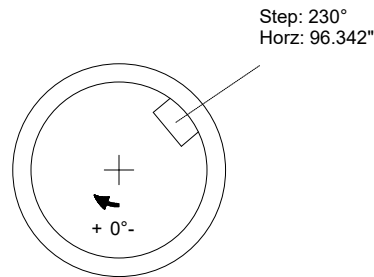
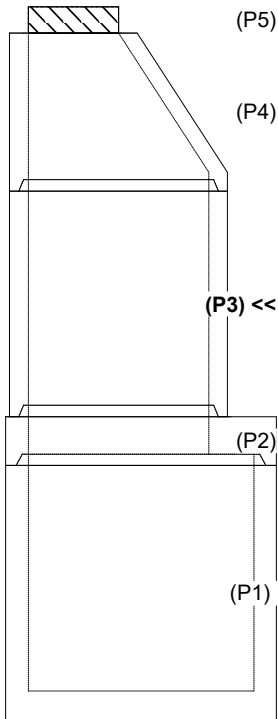
P5) 24" - CASTING HEIGHT - 7"	0 lb
P4) 48" - ECC CONE w/ 24" HOLE - 42"	3200 lb
P3) 48" - MH RISER - 60"	4192 lb
P2) 60" - MH Transition Slab 48" Hole - 13"	1928 lb
P1) 60" - MH BASE - 60"	7633 lb
1) CASTING - HOE MC-315 F/C Storm	258 lb
1) 60" - Conseal CS-202 1.00"	0 lb
2) 48" - Conseal CS-202 1.00"	0 lb
2) Hole - 40"	0 lb
14) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	17211 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.

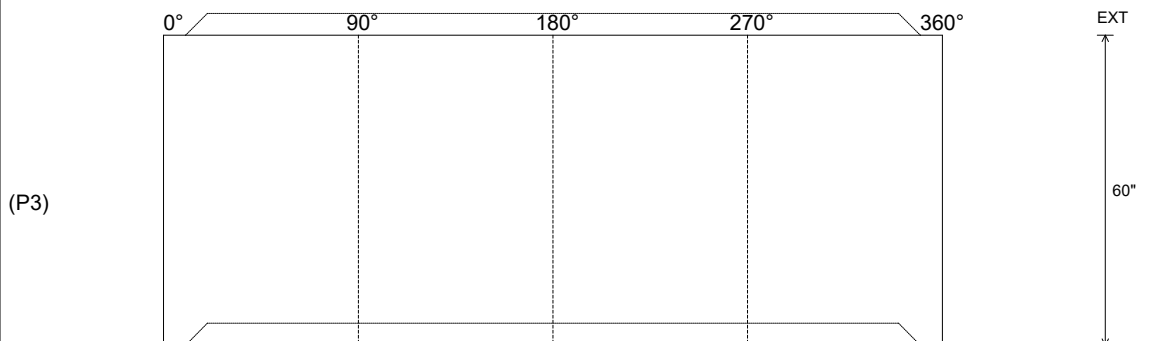
Rim: 379.53' Rim to Invert: 15.08' Slack: 2.46" Sump: 3.5" Step Position: 230°

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): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 5" Floor Height: 0"	Height (Int): 60" Height (Ext): 60"	Weight (Net): 4192 lb Volume (Net): 1.07cu.yd
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