

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

Plant: Beaver Dam
 10/23/2025 3:08:00 PM

Tech: J. Coppage
 PC: A. Chambers



Structure ID: 109

P1 BX3030-06VH

BOX BASE 6inW, 6inF, Variable Ht

- P3) 24" - CASTING HEIGHT - 7"
- P2) 30" x 30" - CB FLAT TOP 6"W w/24"Hole - 8"
- P1) 30" x 30" - BOX BASE 6inW, 6inF, Variable Ht - 32"
- 1) CASTING - HOE MCB-315-BH Fr./Grate
- 1) 30" x 30" - SGL 1"x14.5' Butyl
- 1) Hole - 20

0 lb
 880 lb
 3050 lb
 250 lb
 0 lb
 0 lb

 Structure Total: 4180 lb

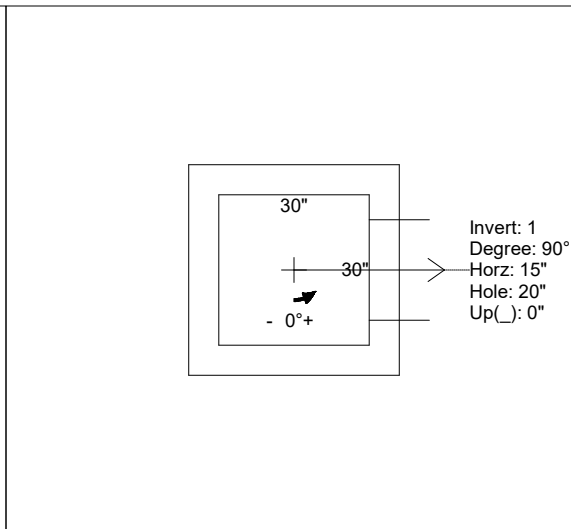
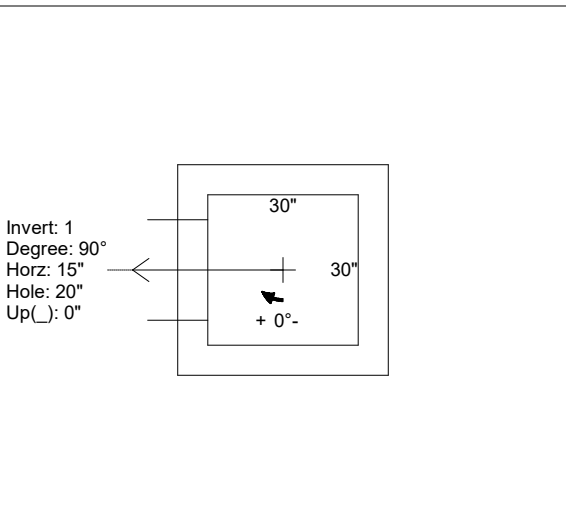
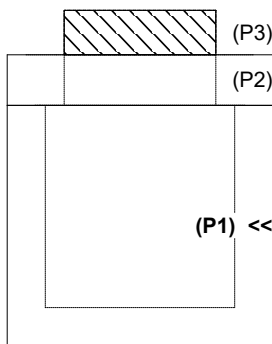
- Structure Notes:**
1. JR HOE MCB-315-BH PROVIDED BY ICAST.
 2. PER ASTM C913 SPECIFICATIONS.
 3. CONCRETE = 4,000 PSI AT 28 DAYS.
 4. REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 378.18' Rim to Invert: 4' Slack: 3" Sump: 2" Step Position:

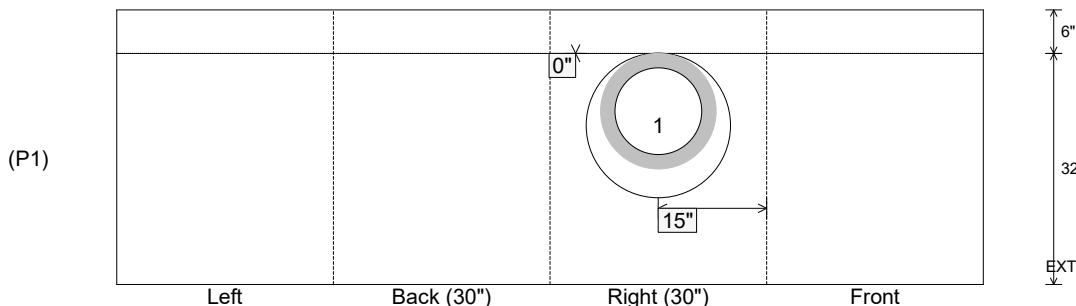
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	374.18'	90°	21"	12" RCP B WALL	16"	Hole 20	20"	20"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 6"
 Floor Height: 6"

Height (Int): 32"
 Height (Ext): 38"

Weight (Net): 3050 lb
 Volume (Net): 0.78cu.yd