

Job Name: 25-4272 Chestnut Street Utility Rehab	Plant: Beaver Dam	Tech: J. Coppage	
Job Location: Evansville, IN	10/23/2025 3:07:59 PM	PC: A. Chambers	
Contractor: Bowen Engineering Corporation			

**Structure ID: 108**

**P1 BX2436-08BVF**

**BOX BASE 8inW, 8inF, Variable Ht**

- P2) 24" x 36" - CASTING HEIGHT - 6"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 41"
- 1) CASTING - HOE 525 LV SET (F/G/H)
- 1) 24" x 36" - SGL 1"x14.5' Butyl
- 1) Hole - 20

	0 lb
	5369 lb
	442 lb
	0 lb
	0 lb
Structure Total:	5811 lb

Structure Notes:

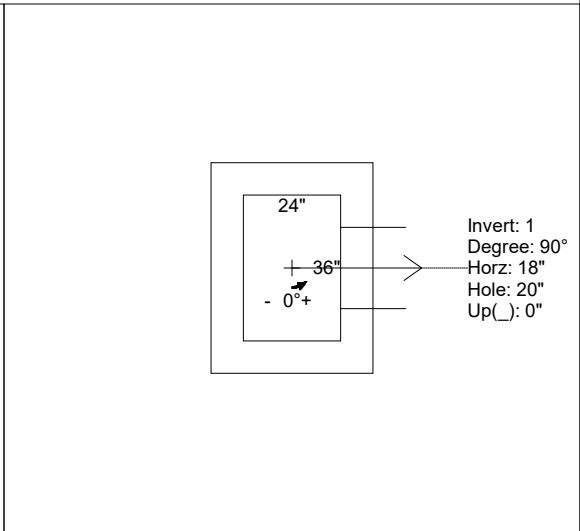
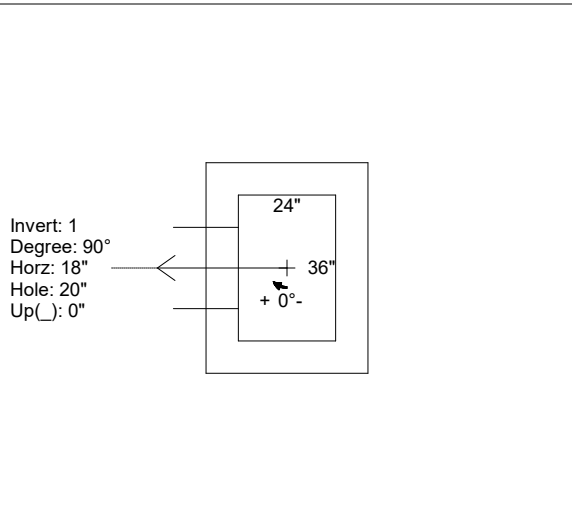
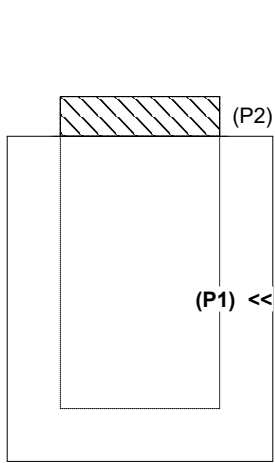
1. JR HOE HOE-525-LV PROVIDED BY ICAST.
2. PER ASTM C913 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. REINFORCING PER ASTM A615 (GRADE 60).
  - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
  - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 376.82'    Rim to Invert: 4'    Slack: 3"    Sump: 2"    Step Position:

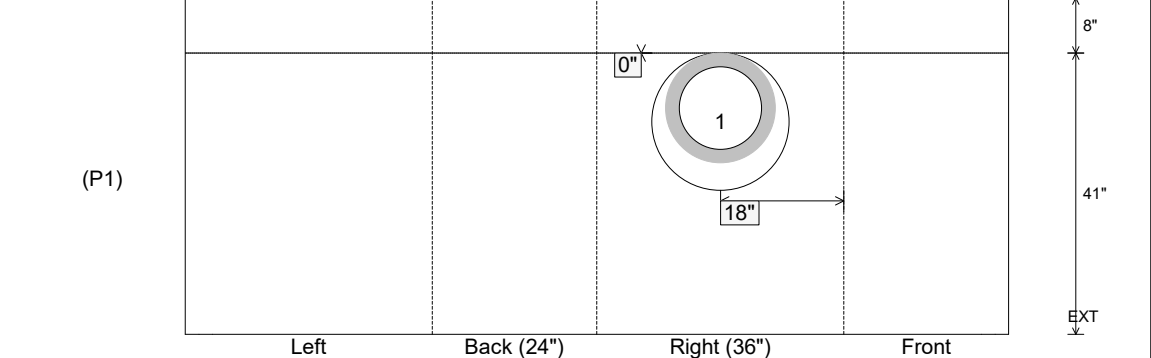
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	372.82'	90°	26"	12" RCP B WALL	16"	Hole 20	20"	20"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):	Seam Up: Flat	Wall Thickness: 8"	Height (Int): 41"	Weight (Net): 5369 lb
Coating (Ext):	Seam Dn: n/a	Floor Height: 8"	Height (Ext): 49"	Volume (Net): 1.37cu.yd