

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

Plant: Beaver Dam  
 10/23/2025 3:07:57 PM

Tech: J. Coppage  
 PC: A. Chambers



**Structure ID: 106**

**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 - 46"  
 1) CASTING - HOE 525 LV SET (F/G/H)  
 1) 24" x 36" - SGL 1"x14.5' Butyl  
 2) Hole - 20

0 lb  
 5636 lb  
 442 lb  
 0 lb  
 0 lb  
 -----  
 Structure Total: 6078 lb

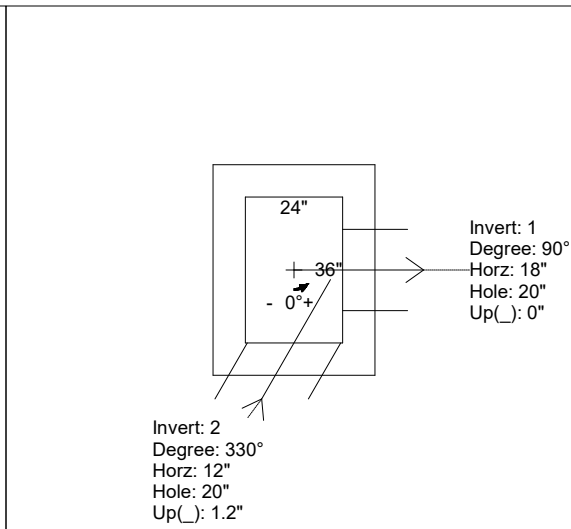
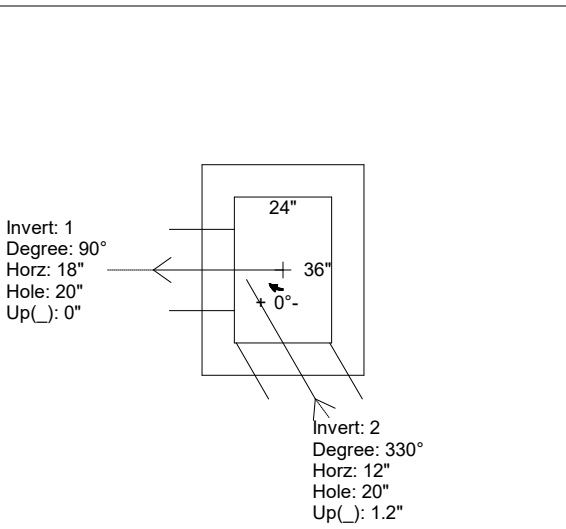
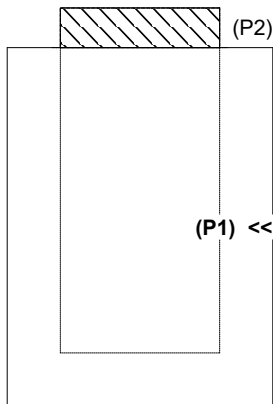
**Structure Notes:**  
 1. JR HOE HOE-525-LV PROVIDED BY ICAST.  
 2. PER ASTM C913 SPECIFICATIONS.  
 3. CONCRETE = 4,000 PSI AT 28 DAYS.  
 4. REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 377.32' Rim to Invert: 4.45' Slack: 3.4" Sump: 2" Step Position:

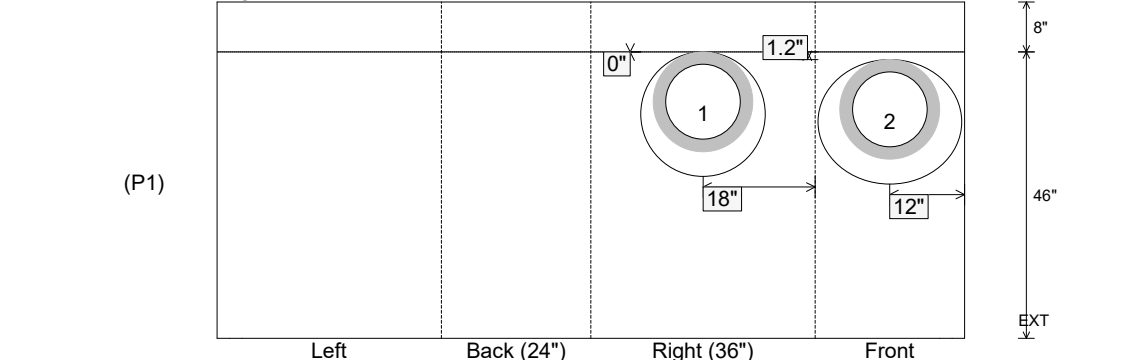
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (")	Offset
Invert 1	372.87'	90°	26"	12" RCP B WALL	16"	Hole 20	20"	20"	0"	0"
Invert 2	372.97'	330°	15.381"	12" RCP B WALL	16"	Hole 20	20"	23.094"	1.2"	9"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):  
 Coating (Ext):

Seam Up: Flat  
 Seam Dn: n/a

Wall Thickness: 8"  
 Floor Height: 8"

Height (Int): 46"  
 Height (Ext): 54"

Weight (Net): 5636 lb  
 Volume (Net): 1.44cu.yd