

Job Name: 25-4272 Chestnut Street Utility Rehab	Plant: Beaver Dam	Tech: J. Coppage	
Job Location: Evansville, IN	11/21/2025 1:01:26 PM	PC: A. Chambers	
Contractor: Bowen Engineering Corporation			

Structure ID: 105 Rev

P1 BX2436-08BVF

BOX BASE 8inW, 8inF, Variable Ht F/n

- P2) 24" x 36" - CASTING HEIGHT - 6"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 50"
- 1) CASTING - HOE 525 LV SET (F/G/H)
- 1) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 18

0 lb
6136 lb
442 lb
0 lb
0 lb

Structure Total: 6578 lb

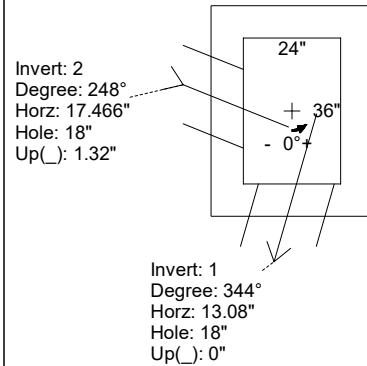
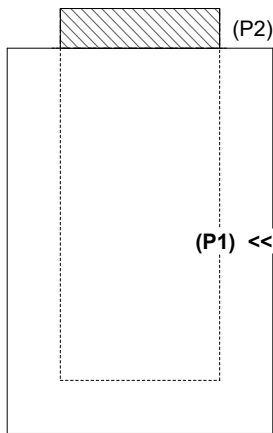
- Structure Notes:
1. PER ASTM C-913 SPECS
 2. CONCRETE: 4,500 PSI AT 28 DAYS
 3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. HOE 525 FRAME, L-VANE GRATE, & CURB HOOD SUPPLIED BY ICAST

Rim: 378.58' Rim to Invert: 4.58' Slack: 0.96" Sump: 2" Step Position:

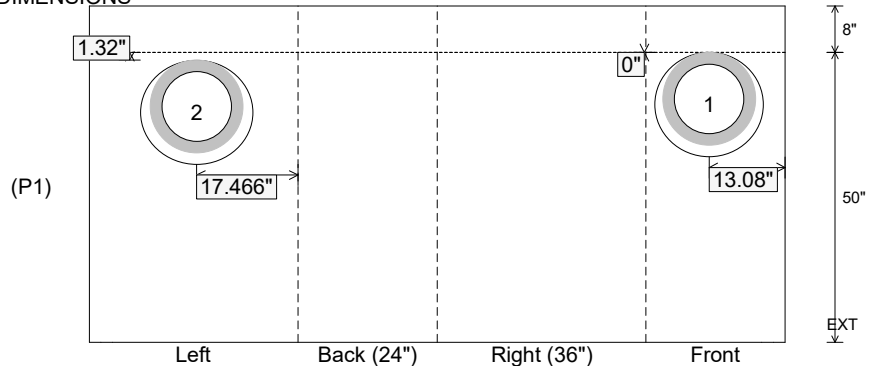
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	374'	344°	18.786"	12" RCP B WALL	16"	Hole 18	18"	18.725"	0"	6"
Invert 2	374.11'	248°	22.234"	12" RCP B WALL	16"	Hole 18	18"	19.414"	1.32"	4"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
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: 8" Floor Height: 8"	Height (Int): 50" Height (Ext): 58"	Weight (Net): 6136 lb Volume (Net): 1.57cu.yd
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