

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

PC: A. Chambers

TECH: J. Coppage

Plant: Beaver Dam



Structure ID: 105 Rev

Spec: Storm
 Type: BX 8inW, 8inF
 Size: 24" x 36"

Rim: 378.58'
 Invert: 374'
 Rim to Invert: 4.58'

Sump: 2"
 Floor (Top): 373.833'
 Floor Height: 8"

Floor (Bot): 373.167'
 Overall Height: 5.333'
 Slack: 0.96"

Structure Notes:

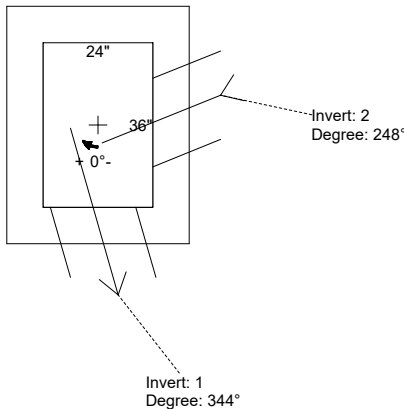
1. PER ASTM C-913 SPECS
2. CONCRETE: 4,500 PSI AT 28 DAYS
3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60)
4. HOE 525 FRAME, L-VANE GRATE, & CURB HOOD SUPPLIED BY ICAST

STRUCTURE SUMMARY:

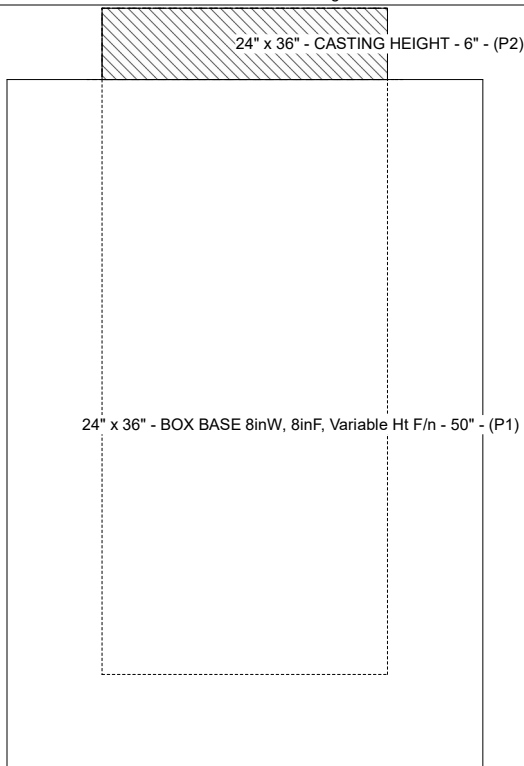
- P2) 24" x 36" - CASTING HEIGHT - 6"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 50"
- 1) CASTING - HOE 525 LV SET (F/G/H)
- 1) 24" x 36" - Conseal CS-102 1.00"
- 2) Hole - 18

0 lb
 6136 lb
 442 lb
 0 lb
 0 lb

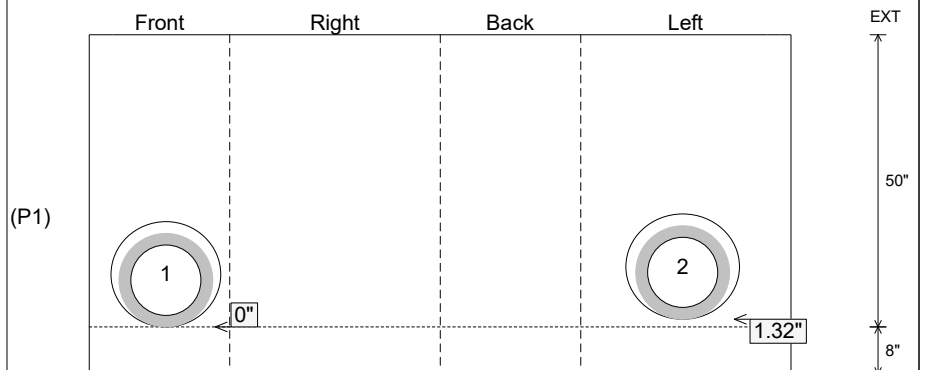
Structure Total: 6578 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	378.58'							
Reducer								
Invert 1	374'	344°	12" RCP B WALL	16"	18"	Hole 18	0"	P1
Invert 2	374.11'	248°	12" RCP B WALL	16"	18"	Hole 18	1.32"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
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SUBMITTAL
 APPROVED BY: