

**Job Name: 25-1951 - Speedway Site Design**  
**Job Location: Horse Cave, KY**  
**Contractor: Scotty's Contracting & Stone, LLC**

PC: C. Goff  
 TECH: J. Horsley - F  
 Plant: 100



Structure ID: 2  
 Spec: Storm  
 Type: BX 8inW, 8inF  
 Size: 24" x 24"

Rim: 580.12'  
 Invert: 577.3'  
 Rim to Invert: 2.82'

Sump: 12"  
 Floor (Top): 576.3'  
 Floor Height: 8"

Floor (Bot): 575.633'  
 Overall Height: 4.417'  
 Slack: 0.84"

**Structure Notes:**

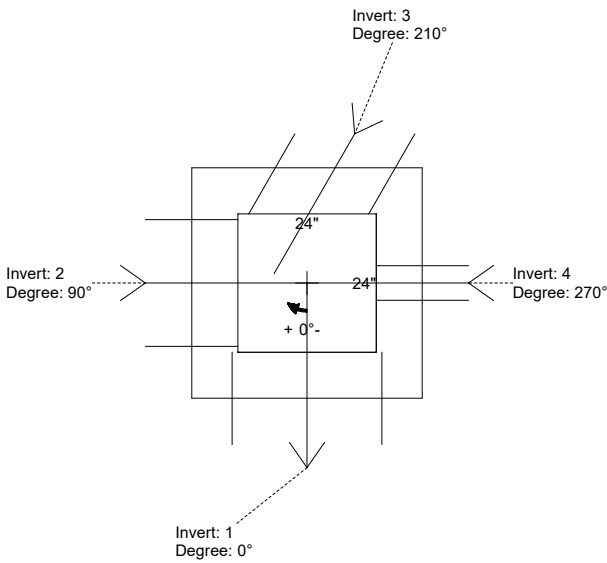
1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. CASTING BY I-CAST (HOE 280T F/G).

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.

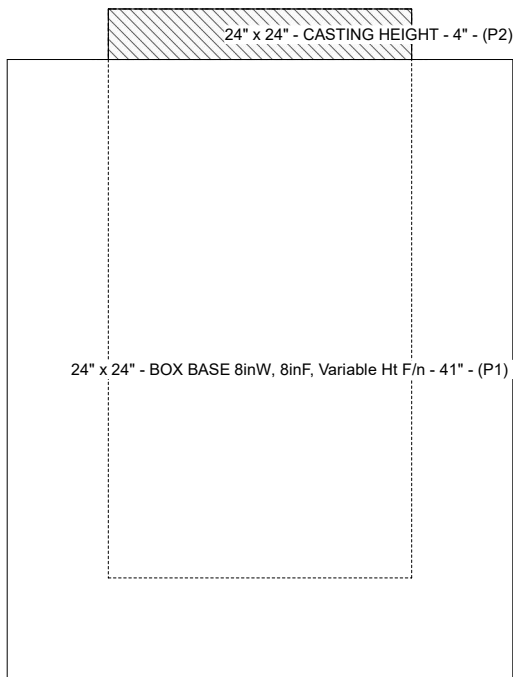
**STRUCTURE SUMMARY:**

P2) 24" x 24" - CASTING HEIGHT - 4"  
 P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht F/n - 41"  
 1) CASTING - HOE 280T F/G  
 1) 24" x 24" - Conseal CS-102 1.00"  
 1) Hole - 26  
 1) Hole - 22  
 1) Hole - 18  
 1) Hole - 6

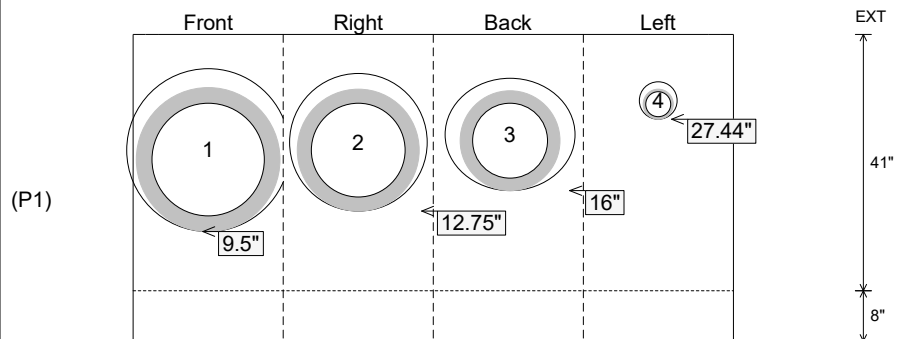
0 lb  
 3858 lb  
 182 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 \_\_\_\_\_  
 Structure Total: 4040 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (')	Ref
Rim	580.12'							
Reducer								
Invert 1	577.3'	0°	18" RCP B WALL	23"	26"	Hole 26	9.5"	P1
Invert 2	577.55'	90°	15" RCP B WALL	19.5"	22"	Hole 22	12.75"	P1
Invert 3	577.8'	210°	12" RCP B WALL	16"	18"	Hole 18	16"	P1
Invert 4	578.62'	270°	4" HDPE (perf pipe)	4.8"	6"	Hole 6	27.44"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Cast (Int. Dim.) - Interior Dimensions**



Submittal Drawing  
 12/3/2025 8:03:43 AM

SUBMITTAL  
 APPROVED BY: