

**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: 13  
 Spec: Storm  
 Type: BX 6inW, 6inF  
 Size: 30" x 30"

Rim: 582.14'  
 Invert: 578'  
 Rim to Invert: 4.14'

Sump: 12"  
 Floor (Top): 577'  
 Floor Height: 6"

Floor (Bot): 576.5'  
 Overall Height: 5.583'  
 Slack: 0.68"

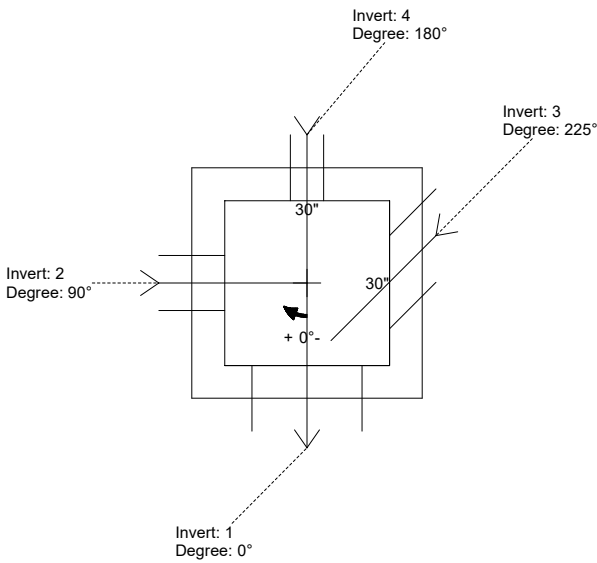
**Structure Notes:**

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 468 F/G).

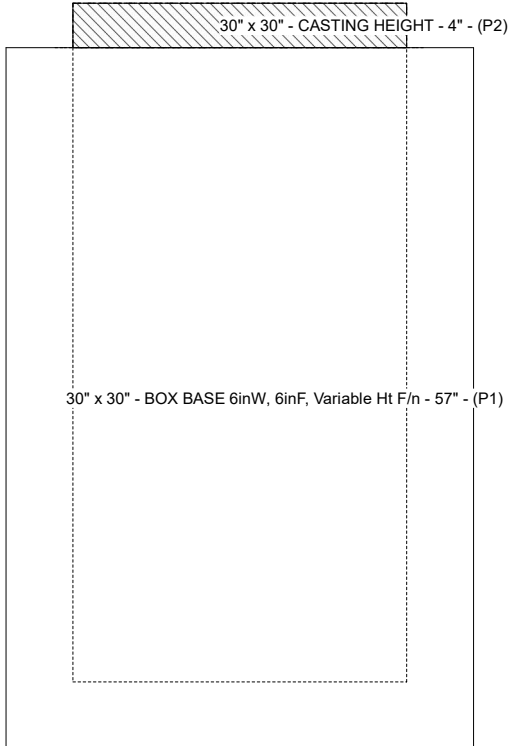
REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

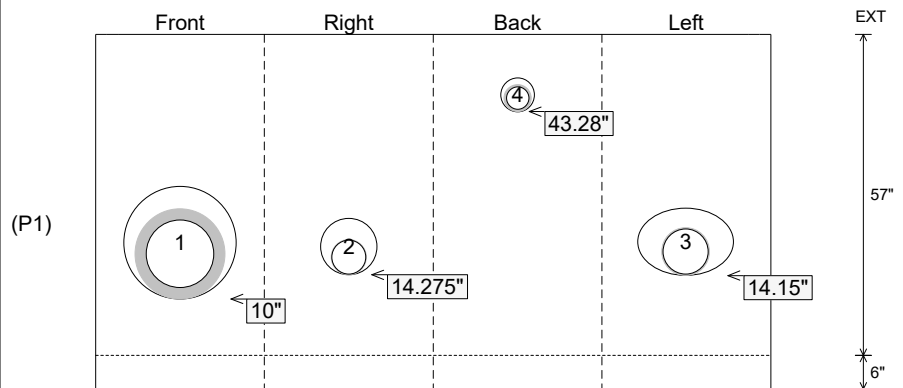
P2) 30" x 30" - CASTING HEIGHT - 4"	0 lb
P1) 30" x 30" - BOX BASE 6inW, 6inF, Variable Ht F/n - 57"	4728 lb
1) CASTING - HOE 468 F/G	489 lb
1) 30" x 30" - Conseal CS-102 1.00"	0 lb
1) Hole - 20	0 lb
1) Hole - 10	0 lb
1) Hole - 12	0 lb
1) Hole - 6	0 lb
<b>Structure Total:</b>	<b>5217 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	582.14'							
Reducer								
Invert 1	578'	0°	12" RCP B WALL	16"	20"	Hole 20	10"	P1
Invert 2	578.2'	90°	6" PVC SDR35	6.25"	10"	Hole 10	14.275"	P1
Invert 3	578.2'	225°	8" PVC SDR35	8.5"	12"	Hole 12	14.15"	P1
Invert 4	580.64'	180°	4" HDPE (perf pipe)	4.8"	6"	Hole 6	43.28"	P1
Invert 5								
Invert 6								
Invert 7								
Invert 8								



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



Submittal Drawing  
 12/3/2025 8:03:52 AM

SUBMITTAL  
 APPROVED BY: