

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: 14
 Spec: Storm
 Type: BX 6inW, 6inF
 Size: 30" x 30"

Rim: 581.28'
 Invert: 577.8'
 Rim to Invert: 3.48'

Sump: 12"
 Floor (Top): 576.8'
 Floor Height: 6"

Floor (Bot): 576.3'
 Overall Height: 4.917'
 Slack: 0.76"

Structure Notes:

- PER ASTM C913 SPECIFICATIONS.
- CONCRETE = 4,000 PSI AT 28 DAYS.
- NO STEPS AND NO INVERT CHANNEL.
- CASTING BY I-CAST (HOE 468 F/G).

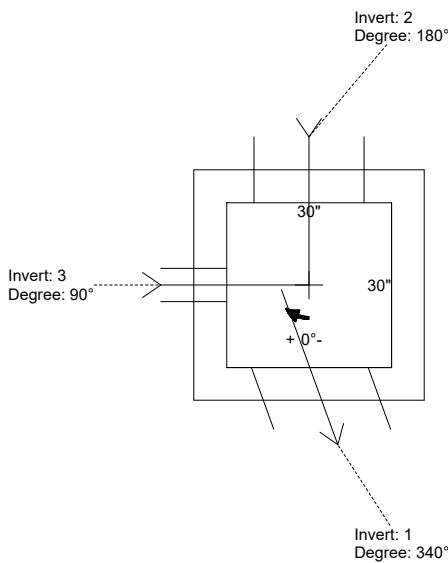
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

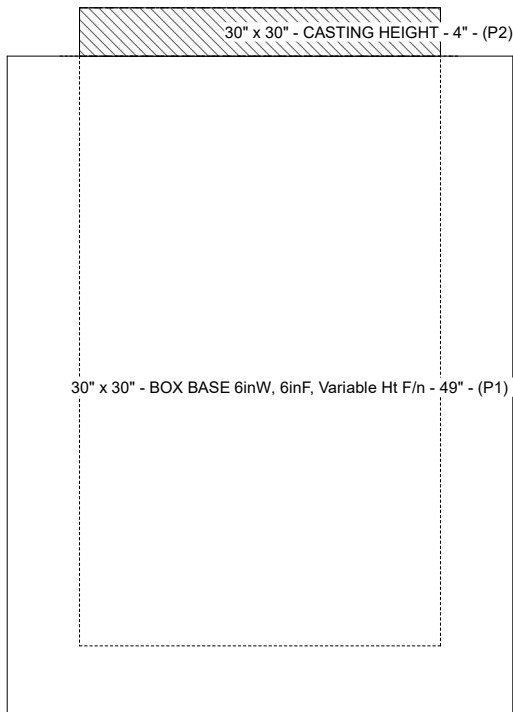
P2) 30" x 30" - CASTING HEIGHT - 4"
 P1) 30" x 30" - BOX BASE 6inW, 6inF, Variable Ht F/n - 49"
 1) CASTING - HOE 468 F/G
 1) 30" x 30" - Conseal CS-102 1.00"
 2) Hole - 20
 1) Hole - 6

0 lb
 4100 lb
 489 lb
 0 lb
 0 lb
 0 lb

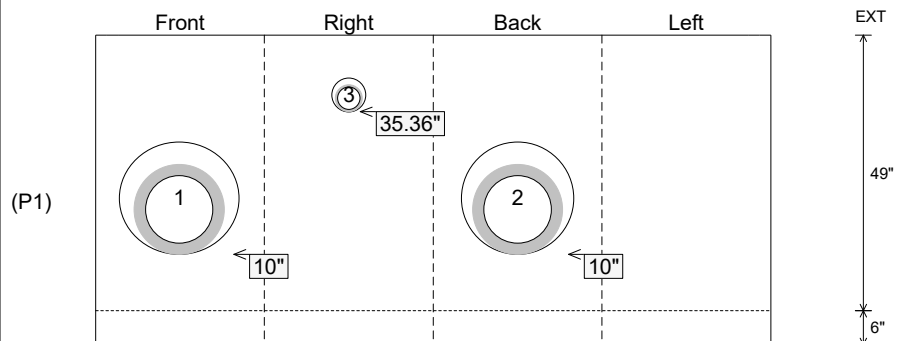
 0 lb
 Structure Total: 4589 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	581.28'							
Reducer								
Invert 1	577.8'	340°	12" RCP B WALL	16"	20"	Hole 20	10"	P1
Invert 2	577.8'	180°	12" RCP B WALL	16"	20"	Hole 20	10"	P1
Invert 3	579.78'	90°	4" HDPE (perf pipe)	4.8"	6"	Hole 6	35.36"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 12/3/2025 8:03:53 AM

SUBMITTAL
 APPROVED BY: