

**Job Name: 25-4391 - 309 & 311 Walton Lane**  
**Job Location: Madison, TN**  
**Contractor: Hayes Pipe Supply**

PC: E. Bradley  
 TECH: J. Horsley - F  
 Plant: 100



Structure ID: **OS1**  
 Spec: Storm  
 Type: BX 8inW, 8inF  
 Size: 36" x 36"

Rim: 508.3'  
 Invert: 503.8'  
 Rim to Invert: 4.5'

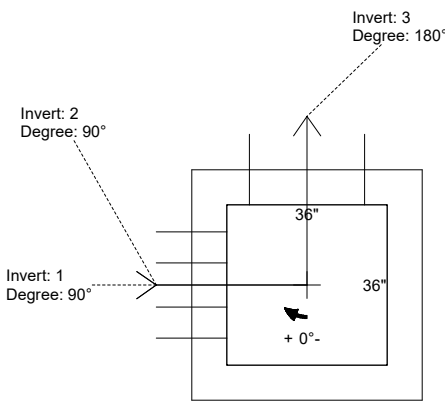
Sump: 0"  
 Floor (Top): 503.8'  
 Floor Height: 8"

Floor (Bot): 503.133'  
 Overall Height: 5.167'  
 Slack: -0.002"

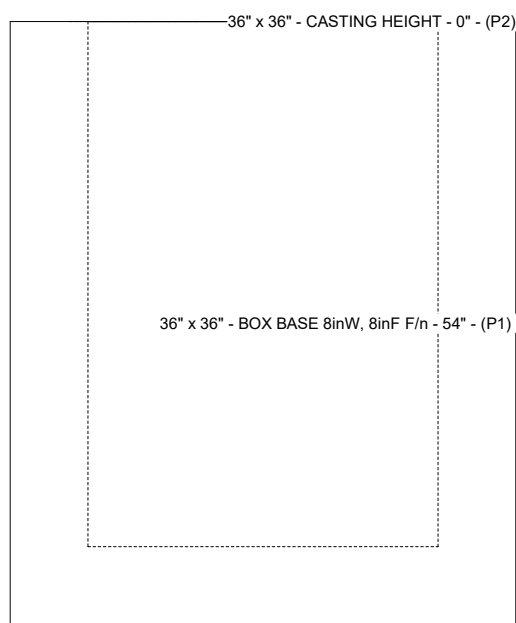
- Structure Notes:**
- PER ASTM C-913 SPECIFICATIONS
  - CONCRETE: 4,000 PSI AT 28 DAYS
  - REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60)
  - NO STORM INVERT
  - NO STEPS
  - CASTING BY ICAST (TRASHRACKS LFS-3636-P SQ FLUSH MOUNT GRATE)

**STRUCTURE SUMMARY:**

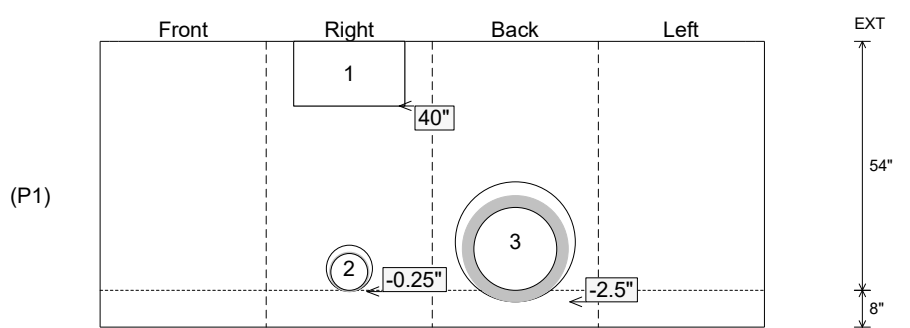
P2) 36" x 36" - CASTING HEIGHT - 0"	0 lb
P1) 36" x 36" - BOX BASE 8inW, 8inF F/n - 54"	7560 lb
1) CASTING - TRASHRACKS LFS-3636-P SQ. Flush Mount Grate	195 lb
1) 36" x 36" - Conseal CS-102 1.00"	0 lb
1) Weir n/n - 24"x14"	0 lb
1) Hole - 10	0 lb
1) Hole - 26	0 lb
<b>Structure Total:</b>	<b>7755 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	508.3'							
Reducer								
Invert 1	507.133'	90°	24" x 14" Weir	24" x 14"	24" x 14"	Weir 24"x14"	40"	P1
Invert 2	503.8'	90°	8" PVC SDR35	8.5"	10"	Hole 10	-0.25"	P1
Invert 3	503.8'	180°	18" RCP B WALL	23"	26"	Hole 26	-2.5"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



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



Submittal Drawing  
 1/6/2026 6:25:33 AM

SUBMITTAL  
 APPROVED BY: