

**Job Name: 24-2716 905 E Trinity**  
**Job Location: Nashville, TN**  
**Contractor: Hayes Pipe Supply**

PC: A. Chambers  
 TECH: K. Cardwell  
 Plant: Beaver Dam, KY



Structure ID: **B2**  
 Spec: Storm  
 Type: STM.MH  
 Size: 72"

Rim: 555.28'  
 Invert: 545.5'  
 Rim to Invert: 9.78'

Sump: 2.5"  
 Floor (Top): 545.292'  
 Floor Height: 8"

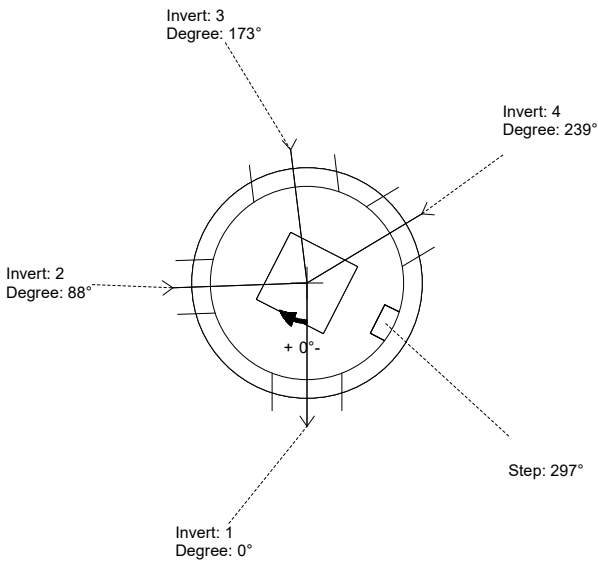
Floor (Bot): 544.625'  
 Overall Height: 10.542'  
 Slack: 1.36"

**Structure Notes:**

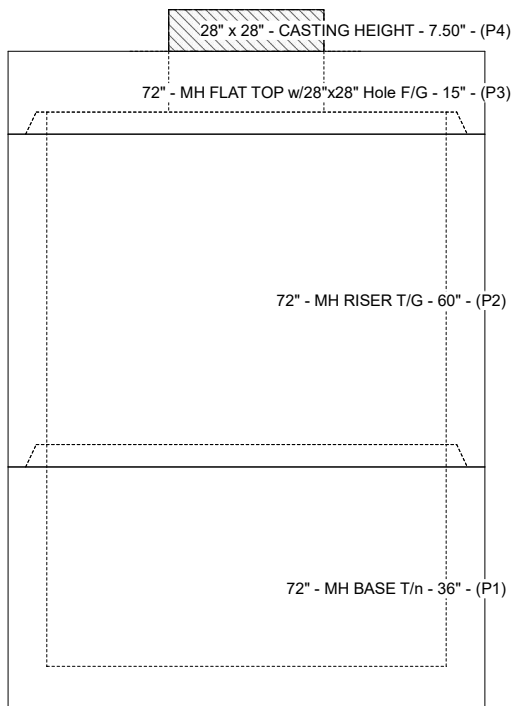
- PER ASTM C-478 SPECS
- CONCRETE: 4,000 PSI AT 28 DAYS
- REINFORCEMENT:
  - FLAT LID TOP MAT: #4 BAR @ 18" C.C. E.W. (GRADE 60)
  - FLAT LID BOTTOM MAT: #4 BAR @ 9" C.C. E.W. (GRADE 60)
  - BASE & RISER: PER ASTM A615
- STEPS AT 297 DEGREES
- CASTING: JBS 3300-V SUPPLIED BY OTHERS

**STRUCTURE SUMMARY:**

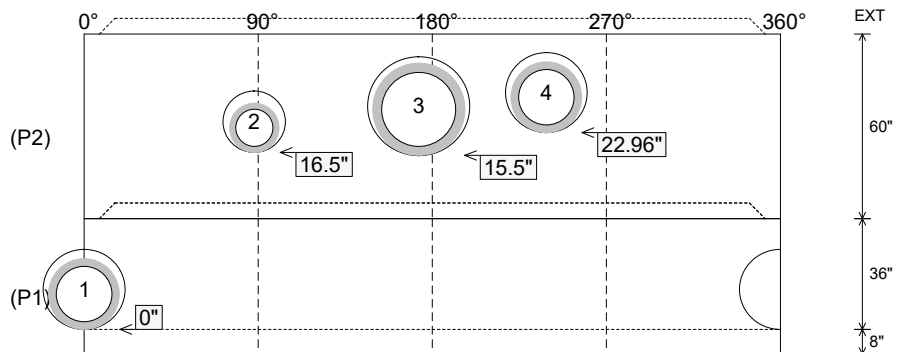
P4) 28" x 28" - CASTING HEIGHT - 7.50"	0 lb
P3) 72" - MH FLAT TOP w/28"x28" Hole F/G - 15"	6325 lb
P2) 72" - MH RISER T/G - 60"	7755 lb
P1) 72" - MH BASE T/n - 36"	8830 lb
2) 72" - Conseal CS-102 1.00"	0 lb
1) 28" x 28" - Conseal CS-102 1.00"	0 lb
2) Hole - 26	0 lb
1) Hole - 20	0 lb
1) Hole - 32	0 lb
8) MH Step ML-10-TDS-NCR - 10"	0 lb
<b>Structure Total:</b>	<b>22910 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	555.28'							
Reducer								
Invert 1	545.5'	0°	18" RCP B WALL	23"	26"	Hole 26	0"	P1
Invert 2	550.25'	88°	12" RCP B WALL	16"	20"	Hole 20	16.5"	P2
Invert 3	550.25'	173°	24" RCP B WALL	30"	32"	Hole 32	15.5"	P2
Invert 4	550.83'	239°	18" RCP B WALL	23"	26"	Hole 26	22.96"	P2
Invert 5								
Invert 6								
Invert 7								
Invert 8								



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



Submittal Drawing  
 10/13/2025 3:52:45 PM

SUBMITTAL  
 APPROVED BY: