

**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: **A5**  
 Spec: Storm  
 Type: STM.MH  
 Size: 72"

Rim: 539.65'  
 Invert: 530.56'  
 Rim to Invert: 9.09'

Sump: 4.5"  
 Floor (Top): 530.185'  
 Floor Height: 8"

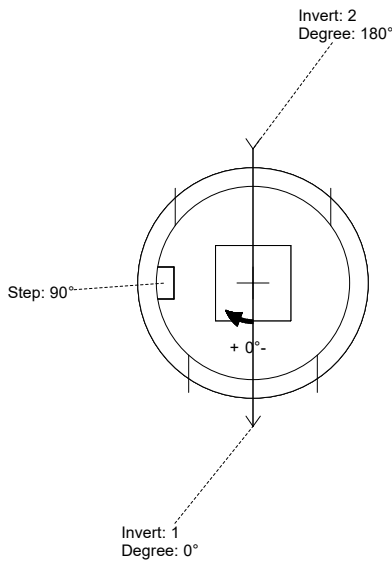
Floor (Bot): 529.518'  
 Overall Height: 10.042'  
 Slack: 1.08"

**Structure Notes:**

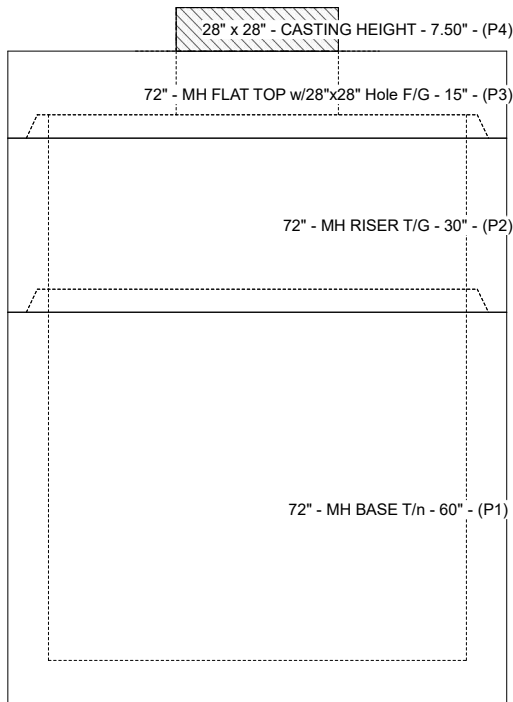
- PER ASTM C-478 SPECS
- CONCRETE: 4,000 PSI AT 28 DAYS
- REINFORCEMENT:
  - FLAT LID TOP MAT: #4 BAR @ 18" C.C. E.W. (GRADE 60)
  - FLAT LID BOTTOM MAT: #4 BAR @ 9" C.C. E.W. (GRADE 60)
  - BASE & RISER: PER ASTM A615
- STEPS AT 90 DEGREES
- CASTING: JBS 3300-V SUPPLIED BY OTHERS

**STRUCTURE SUMMARY:**

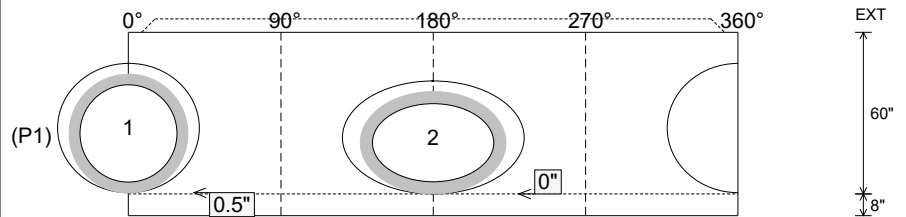
P4) 28" x 28" - CASTING HEIGHT - 7.50"	0 lb
P3) 72" - MH FLAT TOP w/28"x28" Hole F/G - 15"	6325 lb
P2) 72" - MH RISER T/G - 30"	4373 lb
P1) 72" - MH BASE T/n - 60"	10231 lb
2) 72" - Conseal CS-102 1.00"	0 lb
1) 28" x 28" - Conseal CS-102 1.00"	0 lb
1) Hole - 48	0 lb
1) Hole - 58 x 42	0 lb
8) MH Step ML-10-TDS-NCR - 10"	0 lb
<b>Structure Total:</b>	<b>20929 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	539.65'							
Reducer								
Invert 1	530.56'	0°	36" RCP B WALL	44"	48"	Hole 48	0.5"	P1
Invert 2	530.56'	180°	45" x 29" ELL RCP	54" x 38"	58" x 42"	Hole 58 x 42	0"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



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



Submittal Drawing  
 10/13/2025 3:52:43 PM

SUBMITTAL  
 APPROVED BY: