

**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: **A1 (Stm)**

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

Rim: 532.53'  
 Invert: 527.59'  
 Rim to Invert: 4.94'

Sump: 4.5"  
 Floor (Top): 527.215'  
 Floor Height: 8"

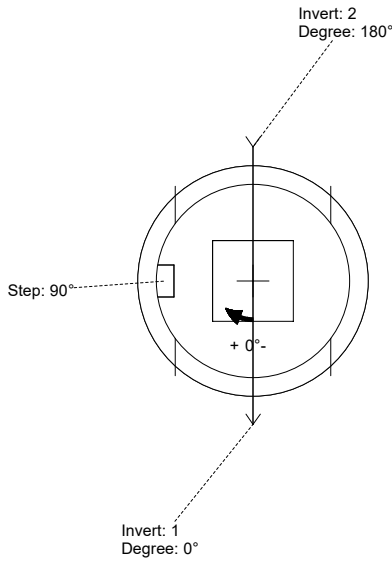
Floor (Bot): 526.548'  
 Overall Height: 5.917'  
 Slack: 0.78"

**Structure Notes:**

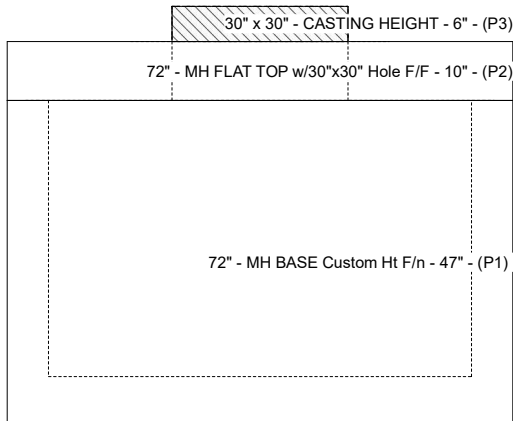
1. PER ASTM C-478 SPECS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
  - FLAT LID TOP MAT: #4 BAR @ 18" C.C. E.W. (GRADE 60)
  - FLAT LID BOTTOM MAT: #4 BAR @ 9" C.C. E.W. (GRADE 60)
  - BASE: PER ASTM A615
4. STEPS AT 90 DEGREES
5. CASTING: JBS 4310 SUPPLIED BY OTHERS

**STRUCTURE SUMMARY:**

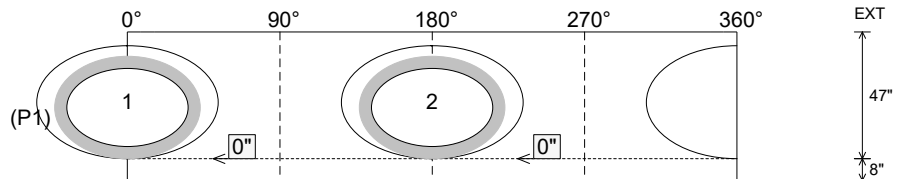
P3) 30" x 30" - CASTING HEIGHT - 6"	0 lb
P2) 72" - MH FLAT TOP w/30"x30" Hole F/F - 10"	4119 lb
P1) 72" - MH BASE Custom Ht F/n - 47"	8211 lb
1) 72" - Conseal CS-102 1.00"	0 lb
1) 30" x 30" - Conseal CS-102 1.00"	0 lb
2) Hole - 58 x 42	0 lb
4) MH Step ML-10-TDS-NCR - 10"	0 lb
<b>Structure Total:</b>	<b>12330 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	532.53'							
Reducer								
Invert 1	527.59'	0°	45" x 29" ELL RCP	54" x 38"	58" x 42"	Hole 58 x 42	0"	P1
Invert 2	527.59'	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 3:52:40 PM

SUBMITTAL  
 APPROVED BY: