

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: **A2 (Stm)**

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

Rim: 532.68'
 Invert: 527.63'
 Rim to Invert: 5.05'

Sump: 4.5"
 Floor (Top): 527.255'
 Floor Height: 8"

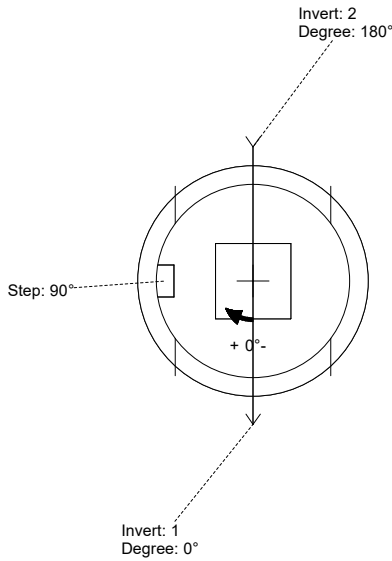
Floor (Bot): 526.588'
 Overall Height: 6.042'
 Slack: 0.6"

Structure Notes:

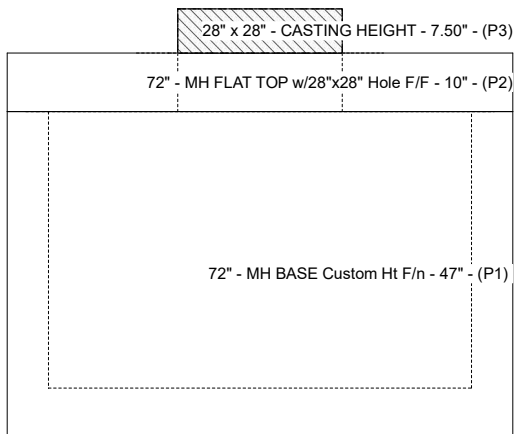
- PER ASTM C-478 SPECS
- CONCRETE: 4,000 PSI AT 28 DAYS
- REINFORCEMENT:
 - FLAT LID TOP MAT: #4 BAR @ 18" C.C. E.W. (GRADE 60)
 - FLAT LID BOTTOM MAT: #4 BAR @ 9" C.C. E.W. (GRADE 60)
 - BASE: PER ASTM A615
- STEPS AT 90 DEGREES
- CASTING: JBS 3300-V SUPPLIED BY OTHERS

STRUCTURE SUMMARY:

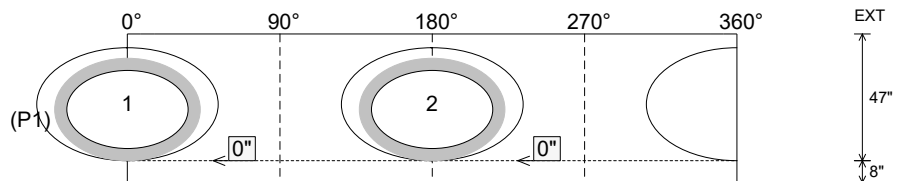
P3) 28" x 28" - CASTING HEIGHT - 7.50"	0 lb
P2) 72" - MH FLAT TOP w/28"x28" Hole F/F - 10"	4216 lb
P1) 72" - MH BASE Custom Ht F/n - 47"	8211 lb
1) 72" - Conseal CS-102 1.00"	0 lb
1) 28" x 28" - Conseal CS-102 1.00"	0 lb
2) Hole - 58 x 42	0 lb
4) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	12428 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	532.68'							
Reducer								
Invert 1	527.63'	0°	45" x 29" ELL RCP	54" x 38"	58" x 42"	Hole 58 x 42	0"	P1
Invert 2	527.63'	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
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SUBMITTAL
 APPROVED BY: