

**Job Name: 24-2513 3rd & Monroe**  
**Job Location: Nashville, TN**  
**Contractor: Hayes Pipe Supply**

PC: Trevor Lewis  
 TECH: J. Horsley - A  
 Plant: 100



Structure ID: A1  
 Spec: Storm  
 Type: STM.MH  
 Size: 48"

Rim: 437.2'  
 Invert: 432.5'  
 Rim to Invert: 4.7'

Sump: 3"  
 Floor (Top): 432.25'  
 Floor Height: 6"

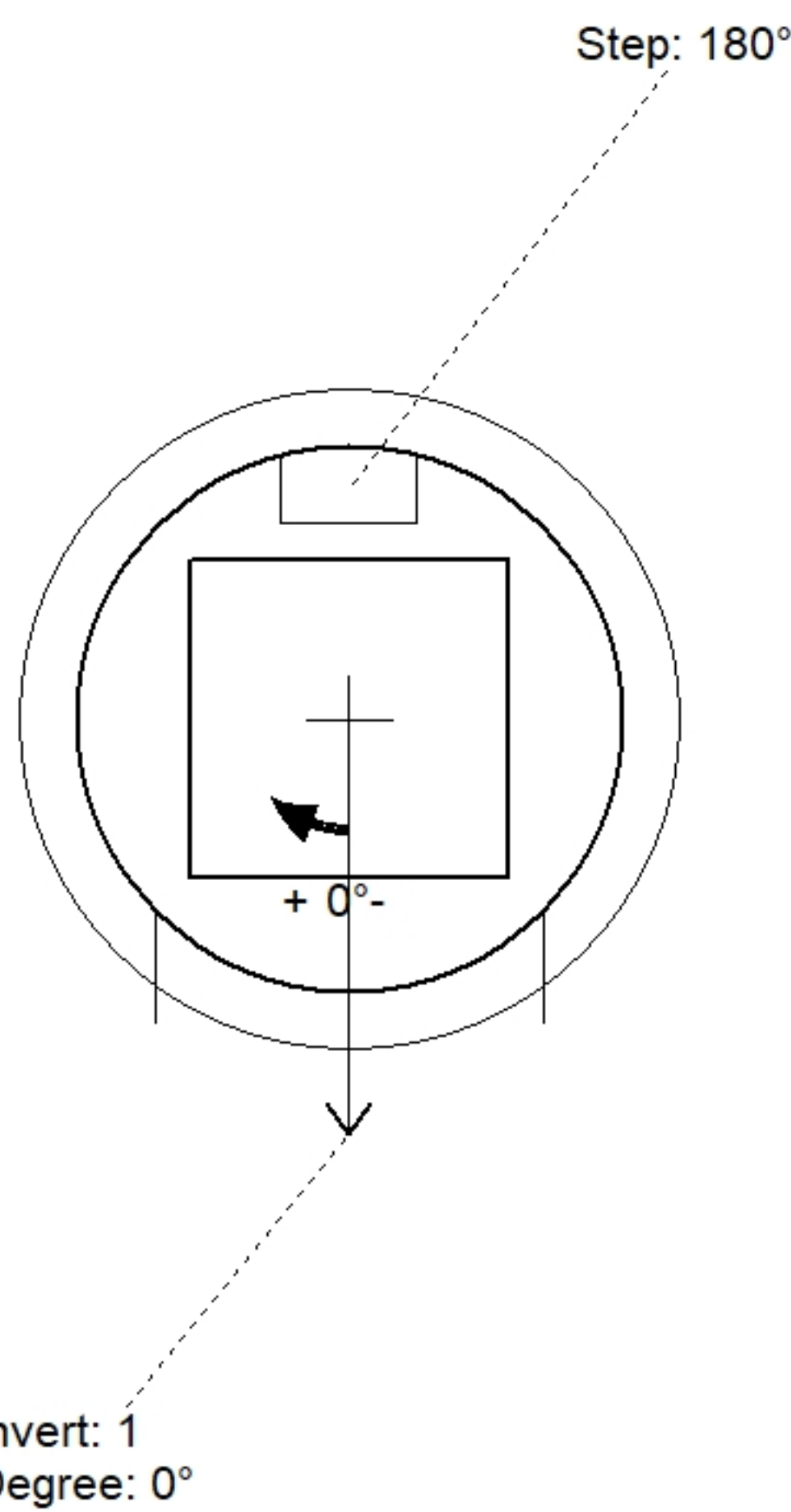
Floor (Bot): 431.75'  
 Overall Height: 5.375'  
 Slack: 0.9"

**Structure Notes:**

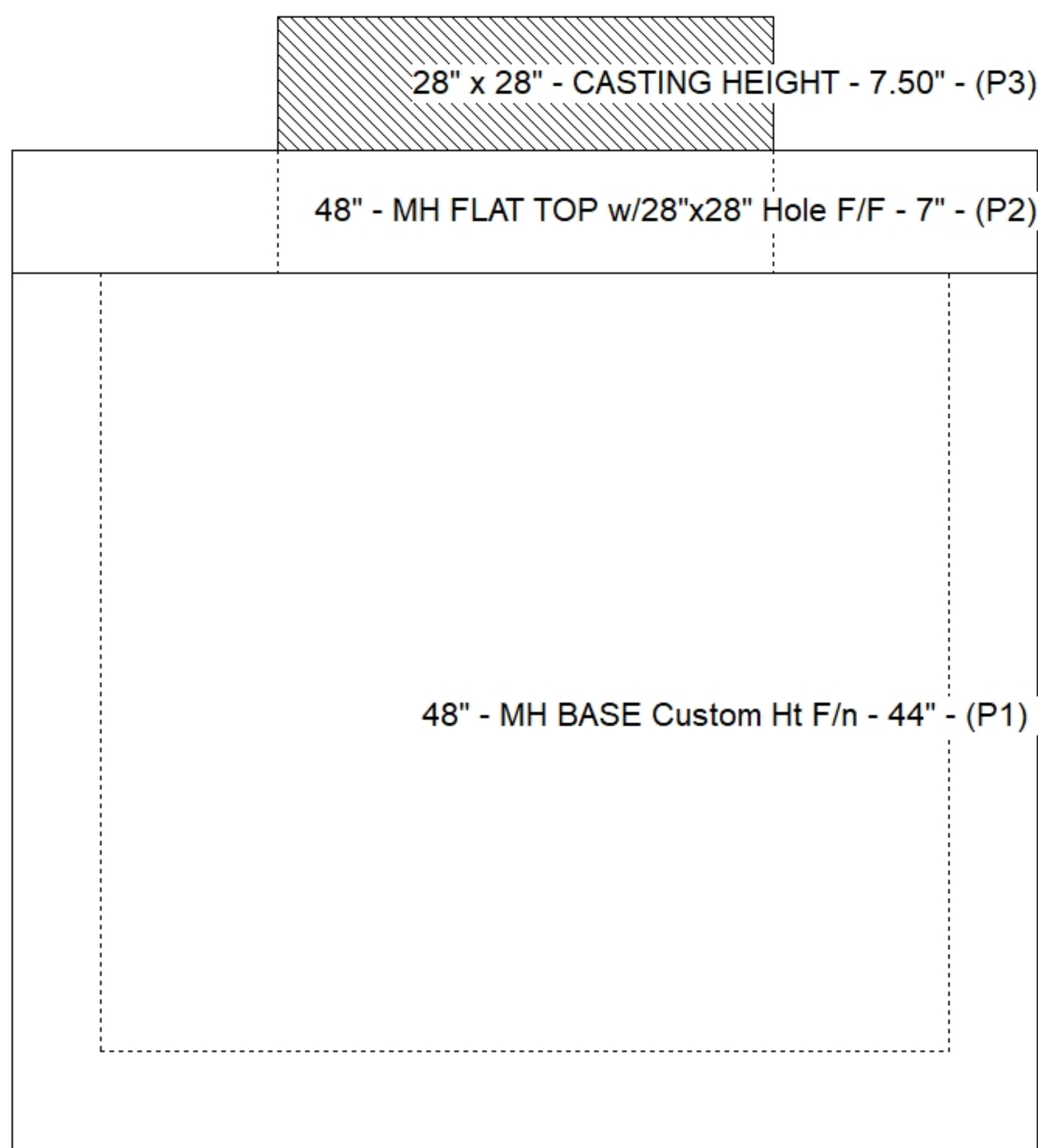
- PLAN LABEL: A1
- JBS-3300 PROVIDED BY OTHERS.
  - PER ASTM C478 SPECIFICATIONS.
  - CONCRETE = 4,000 PSI AT 28 DAYS.
  - REINFORCING PER ASTM A615 (GRADE 60).
    - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
    - RISER/WALLS (As .12)
    - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

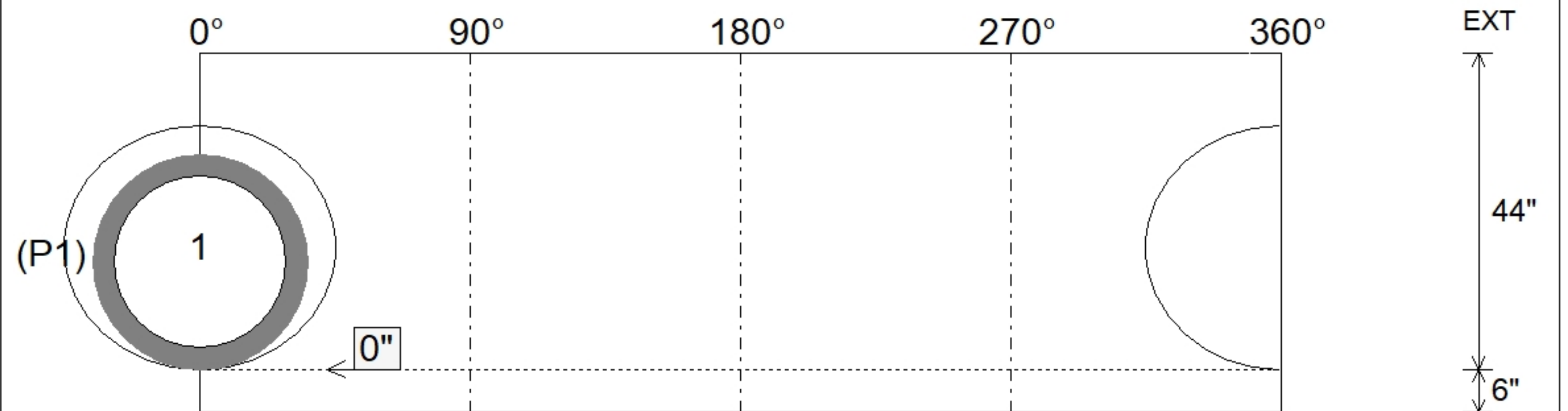
P3) 28" x 28" - CASTING HEIGHT - 7.50"	0 lb
P2) 48" - MH FLAT TOP w/28"x28" Hole F/F - 7"	1091 lb
P1) 48" - MH BASE Custom Ht F/n - 44"	3989 lb
1) 48" - Conseal CS-102 1.00"	0 lb
1) 28" x 28" - Conseal CS-102 1.00"	0 lb
1) Hole - 34	0 lb
3) MH Step ML-10-TDS-NCR - 10"	0 lb
<b>Structure Total:</b>	<b>5080 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	437.2'							
Reducer								
Invert 1	432.5'	0°	24" RCP B WALL	30"	34"	Hole 34	0"	P1
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



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



Submittal Drawing  
 11/17/2025 12:51:17 PM

SUBMITTAL  
 APPROVED BY: