

**Job Name: 25-2647 Nichols West**  
**Job Location: Gallatin, TN**  
**Contractor: Hayes Pipe Supply**

PC: E. Bradley  
 TECH: S. Felletter  
 Plant: Beaver Dam



Structure ID: **B8**  
 Spec: Storm  
 Type: STM.MH  
 Size: 48"

Rim: 509'  
 Invert: 501.2'  
 Rim to Invert: 7.8'

Sump: 3"  
 Floor (Top): 500.95'  
 Floor Height: 6"

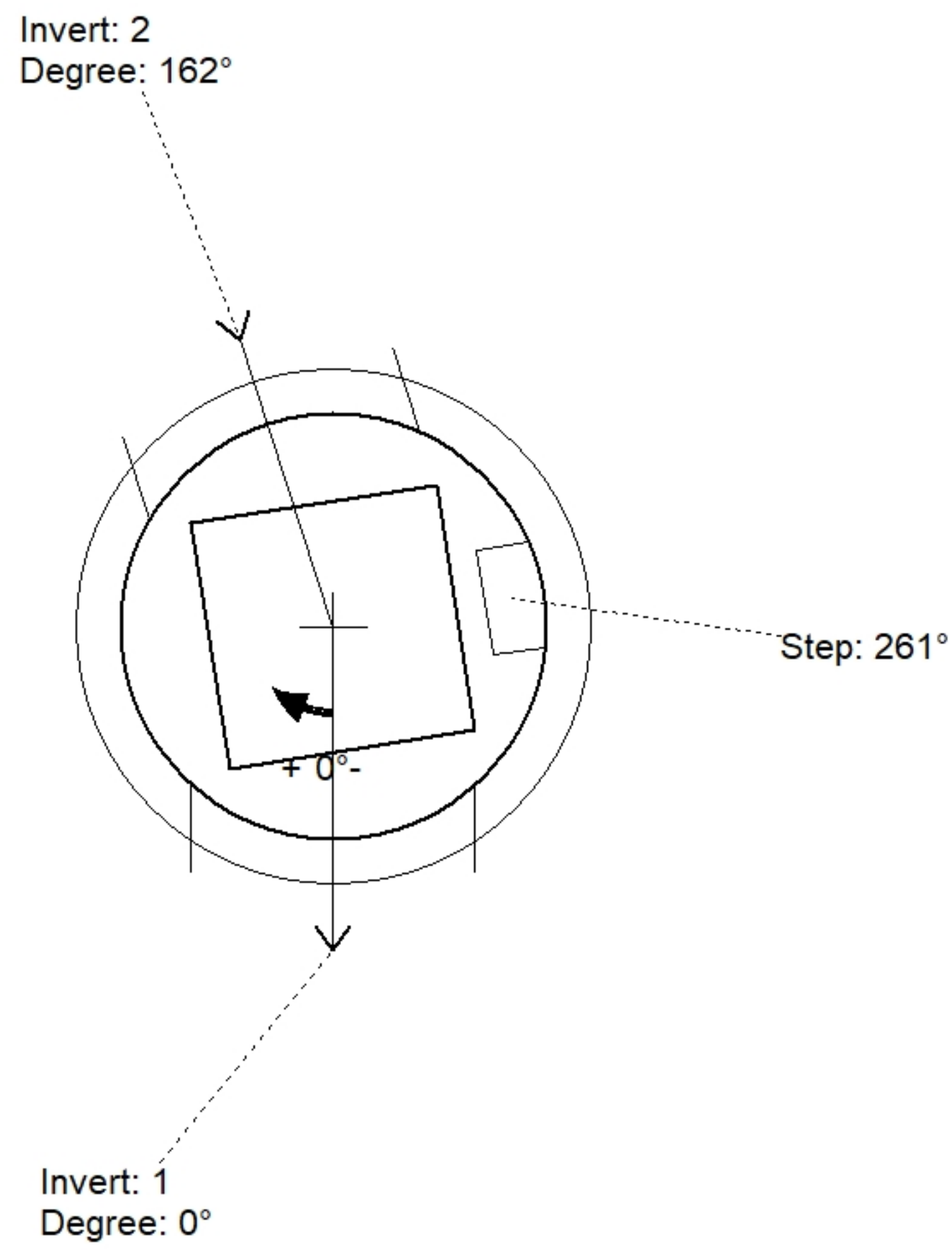
Floor (Bot): 500.45'  
 Overall Height: 8.542'  
 Slack: 0.1"

**Structure Notes:**

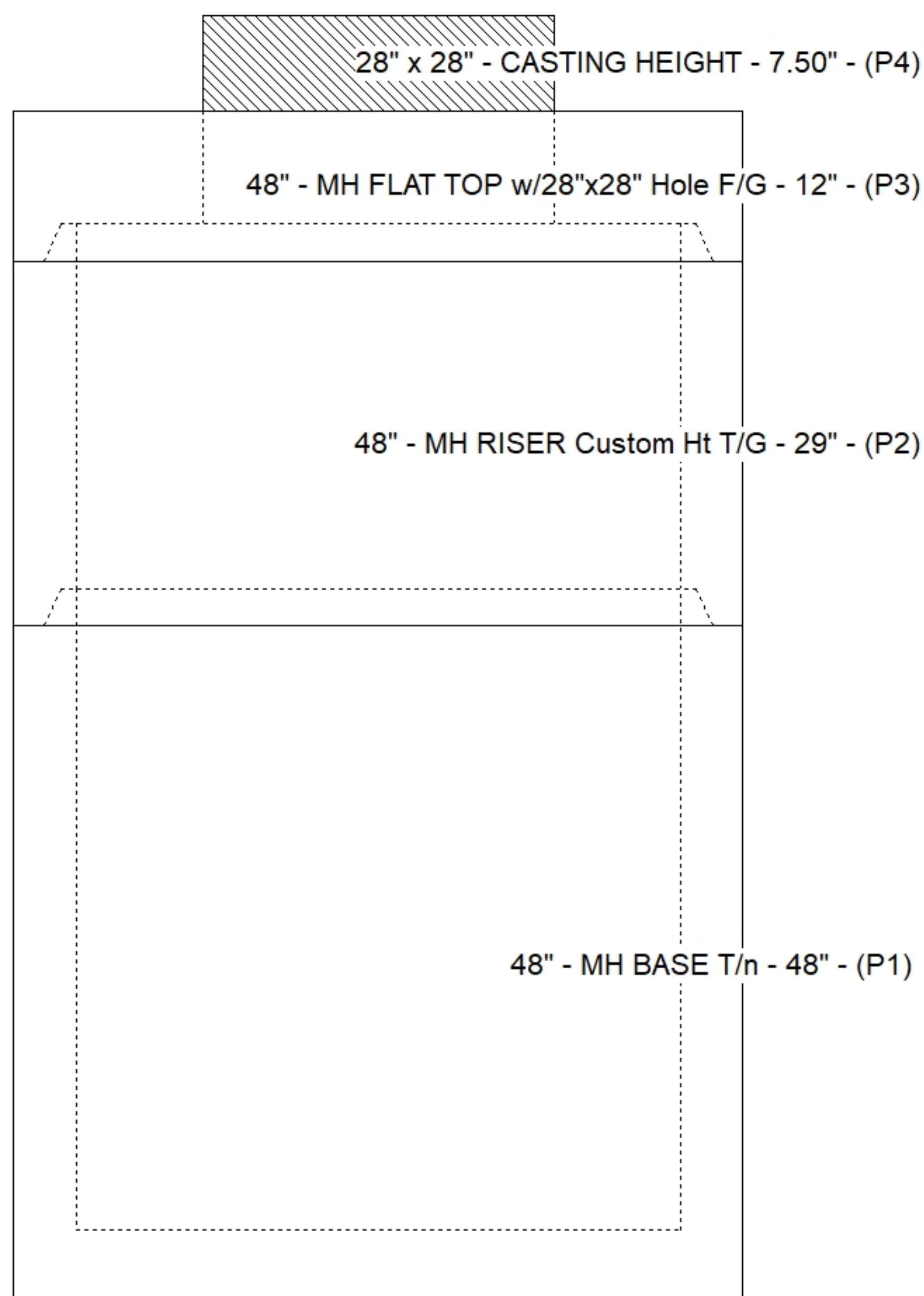
- PER ASTM C478 SPECIFICATIONS.
  - CONCRETE = 4,000 PSI AT 28 DAYS.
  - CASTING BY OTHERS (JBS 3300).
- REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

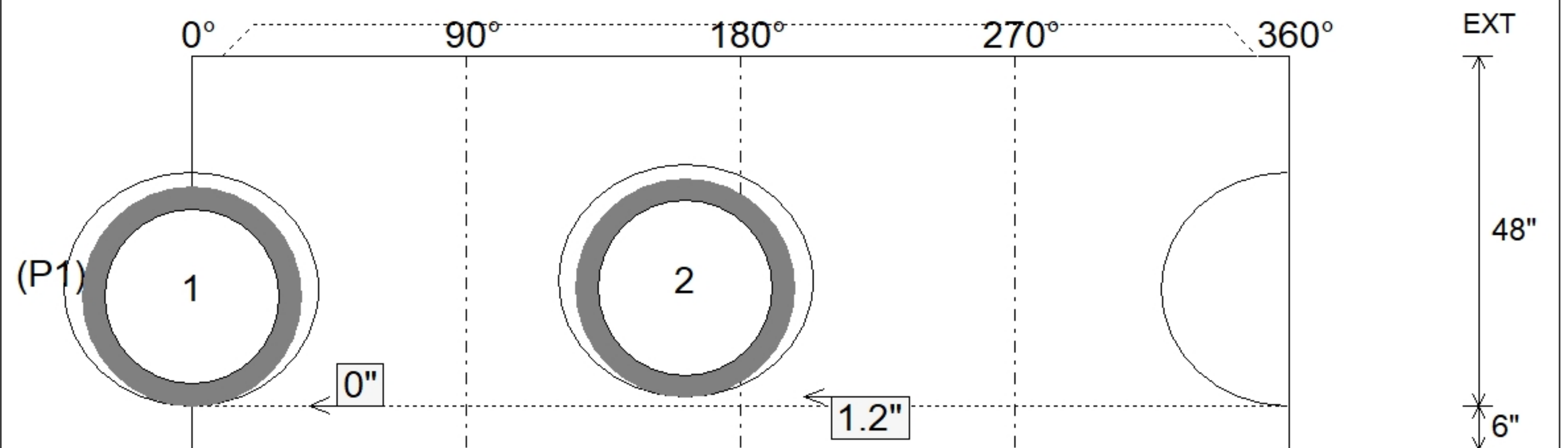
P4) 28" x 28" - CASTING HEIGHT - 7.50"	0 lb
P3) 48" - MH FLAT TOP w/28"x28" Hole F/G - 12"	1368 lb
P2) 48" - MH RISER Custom Ht T/G - 29"	2026 lb
P1) 48" - MH BASE T/n - 48"	3957 lb
2) 48" - Conseal CS-102 1.00"	0 lb
1) 28" x 28" - Conseal CS-102 1.00"	0 lb
2) Hole - 32	0 lb
6) MH Step ML-10-TDS-NCR - 10"	0 lb
<b>Structure Total:</b>	<b>7351 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	509'							
Reducer								
Invert 1	501.2'	0°	24" RCP B WALL	30"	32"	Hole 32	0"	P1
Invert 2	501.3'	162°	24" RCP B WALL	30"	32"	Hole 32	1.2"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Default - Interior Dimensions**



Submittal Drawing  
 3/25/2026 8:36:17 AM

SUBMITTAL  
 APPROVED BY: