

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: **B1**
 Spec: Storm
 Type: STM.MH
 Size: 60"

Rim: 509'
 Invert: 495.8'
 Rim to Invert: 13.2'

Sump: 3.5"
 Floor (Top): 495.508'
 Floor Height: 8"

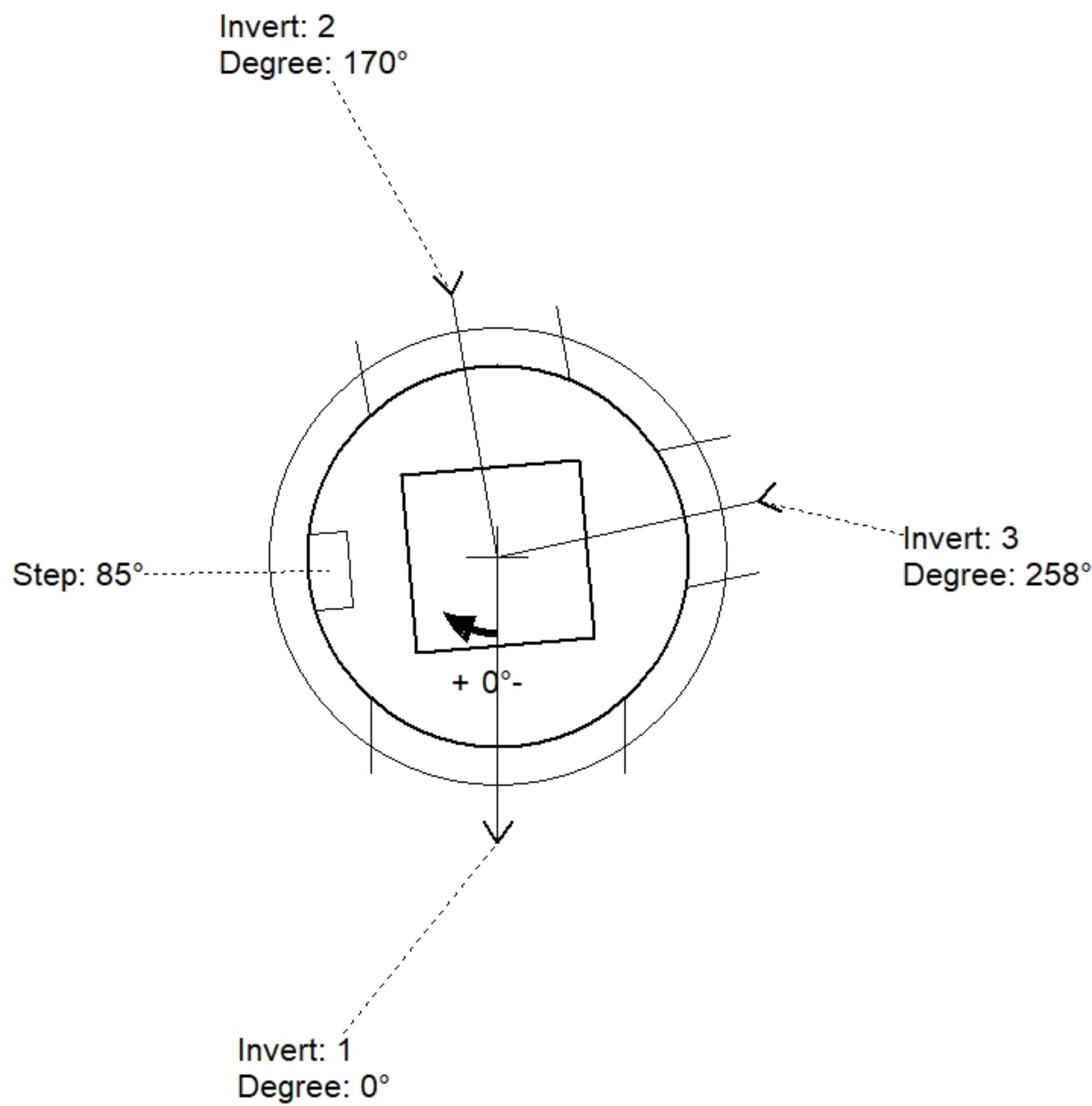
Floor (Bot): 494.842'
 Overall Height: 14.125'
 Slack: 0.4"

Structure Notes:

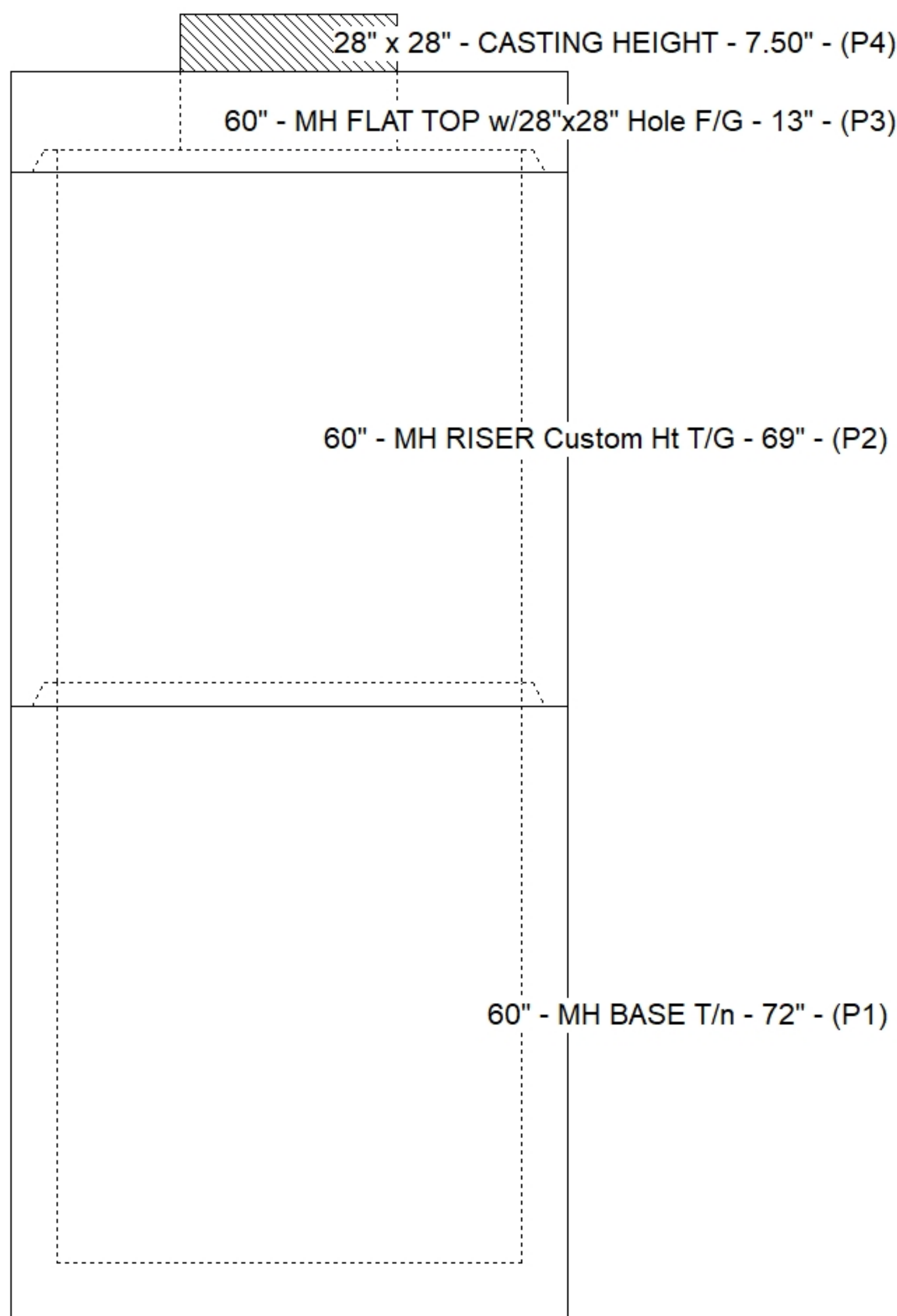
- PER ASTM C478 SPECIFICATIONS.
 - CONCRETE = 4,000 PSI AT 28 DAYS.
 - CASTING BY OTHERS (JBS 3300).
- REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .18)
 - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

STRUCTURE SUMMARY:

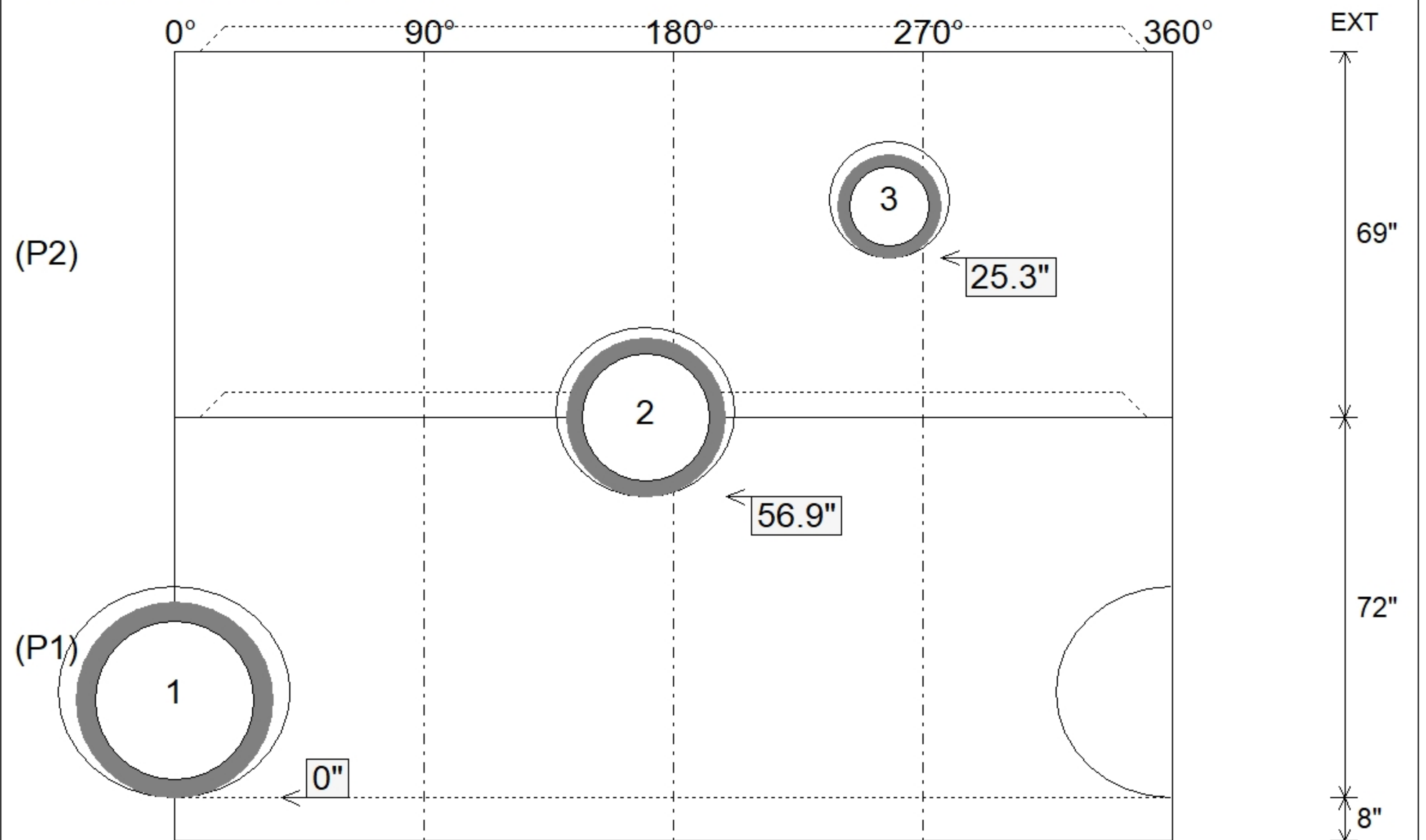
P4) 28" x 28" - CASTING HEIGHT - 7.50"	0 lb
P3) 60" - MH FLAT TOP w/28"x28" Hole F/G - 13"	2645 lb
P2) 60" - MH RISER Custom Ht T/G - 69"	6781 lb
P1) 60" - MH BASE T/n - 72"	9371 lb
2) 60" - Conseal CS-102 1.00"	0 lb
1) 28" x 28" - Conseal CS-102 1.00"	0 lb
1) Hole - 40	0 lb
1) Hole - 32	0 lb
1) Hole - 22	0 lb
6) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	18797 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	509'							
Reducer								
Invert 1	495.8'	0°	30" RCP B WALL	37"	40"	Hole 40	0"	P1
Invert 2	500.5'	170°	24" RCP B WALL	30"	32"	Hole 32	56.9"	P1
Invert 3	504.2'	258°	15" RCP B WALL	19.5"	22"	Hole 22	25.3"	P2
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: