

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: **A5**
 Spec: Storm
 Type: STM.MH
 Size: 48"

Rim: 428.6'
 Invert: 421.9'
 Rim to Invert: 6.7'

Sump: 3"
 Floor (Top): 421.65'
 Floor Height: 6"

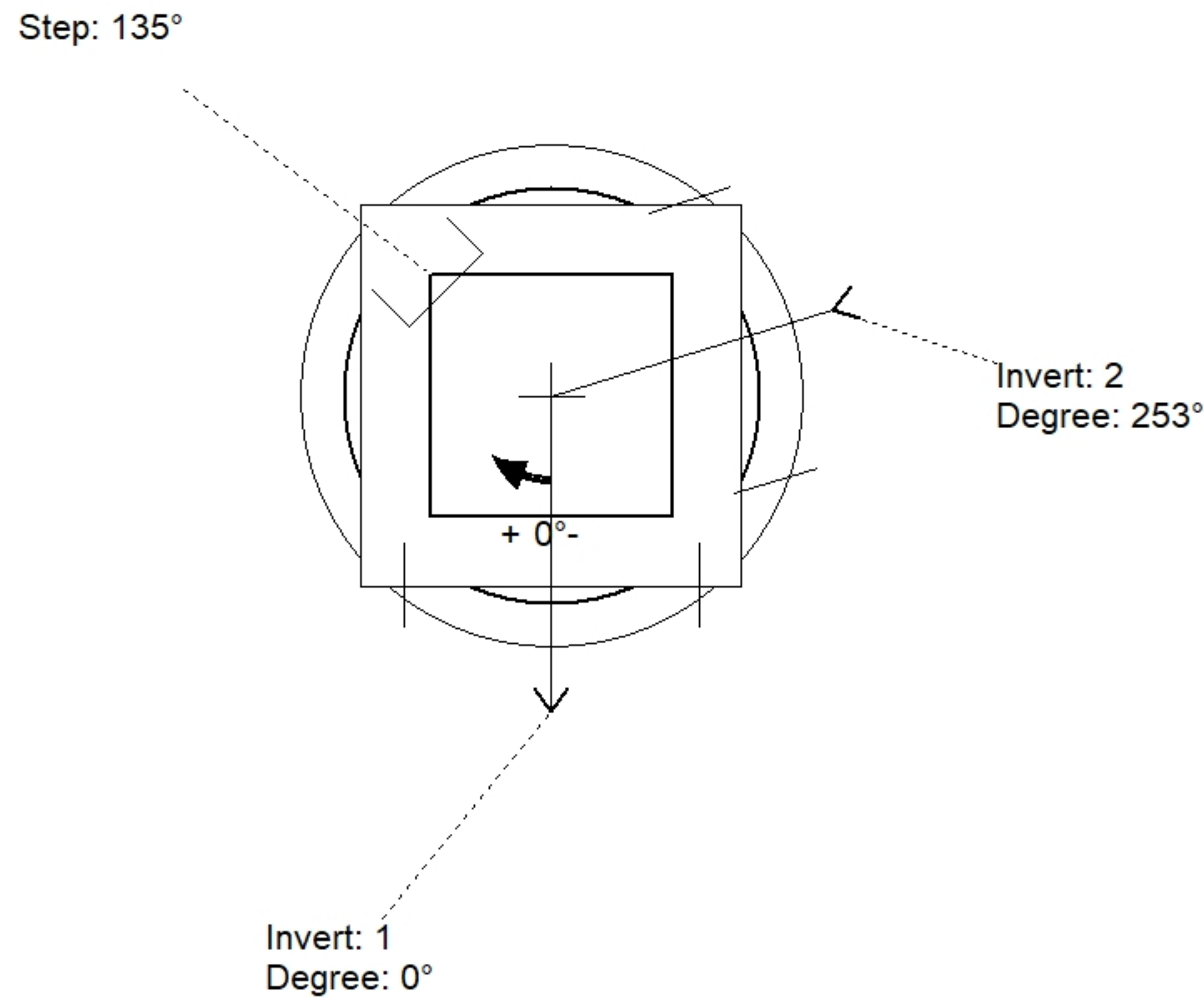
Floor (Bot): 421.15'
 Overall Height: 7.375'
 Slack: 0.9"

Structure Notes:

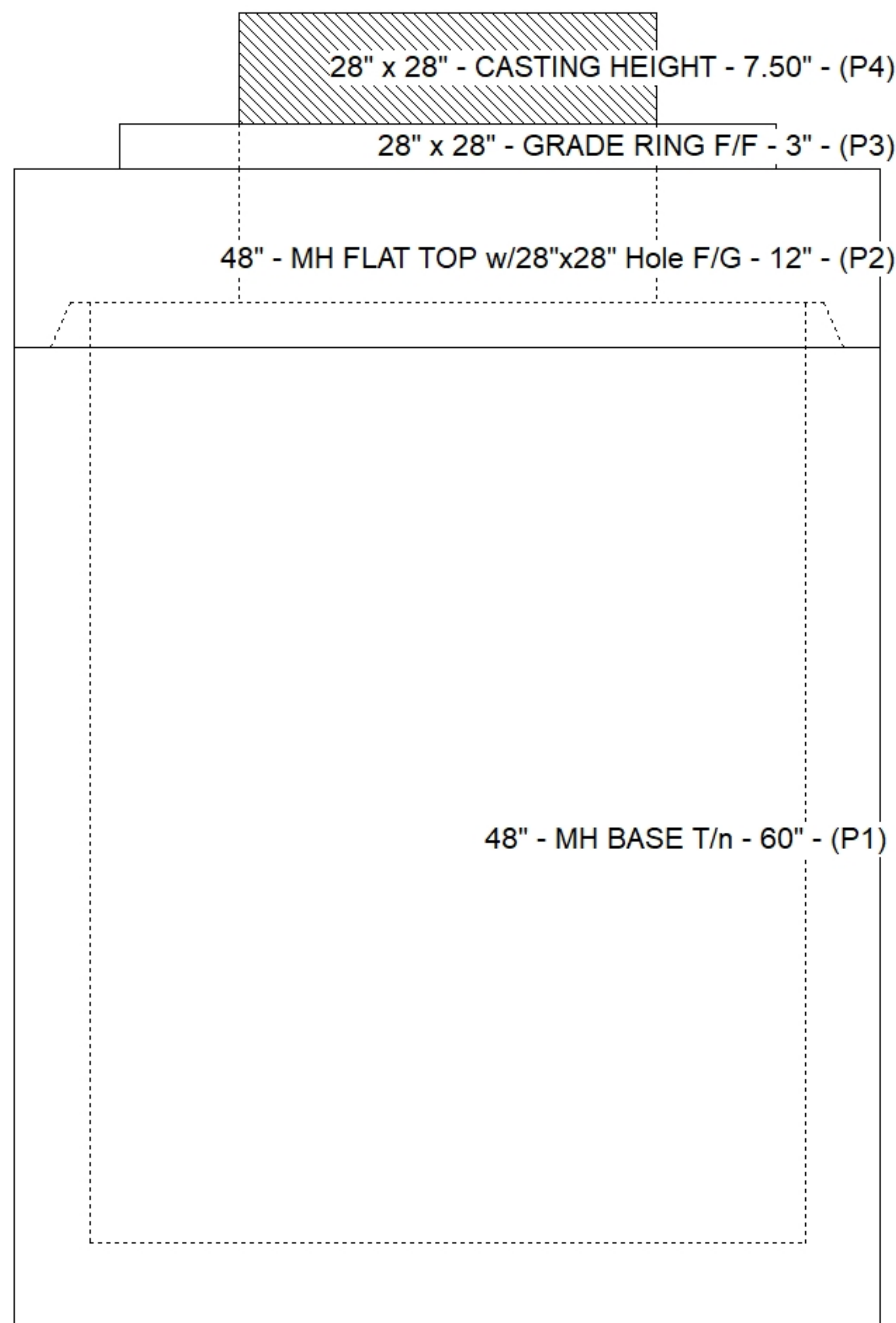
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

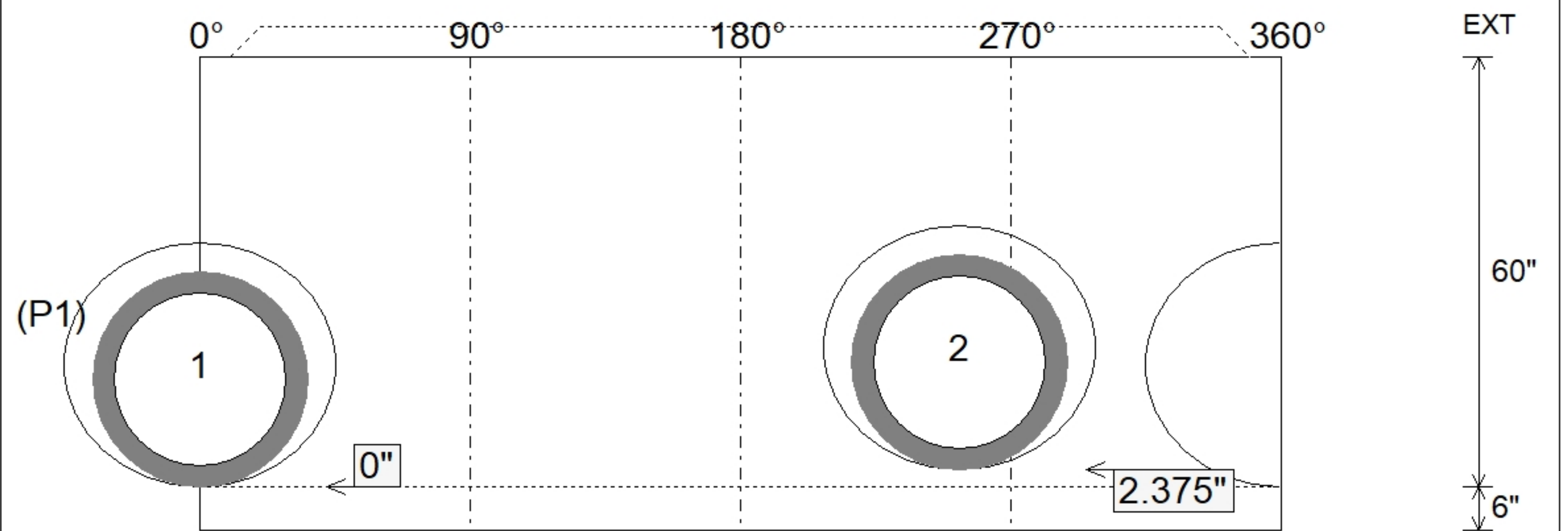
P4) 28" x 28" - CASTING HEIGHT - 7.50"	0 lb
P3) 28" x 28" - GRADE RING F/F - 3"	290 lb
P2) 48" - MH FLAT TOP w/28"x28" Hole F/G - 12"	1368 lb
P1) 48" - MH BASE T/n - 60"	4691 lb
1) 48" - Conseal CS-102 1.00"	0 lb
2) 28" x 28" - Conseal CS-102 1.00"	0 lb
2) Hole - 34	0 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	6349 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	428.6'							
Reducer								
Invert 1	421.9'	0°	24" RCP B WALL	30"	34"	Hole 34	0"	P1
Invert 2	422.1'	253°	24" RCP B WALL	30"	34"	Hole 34	2.375"	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: