

Job Name: 26-1167 - Perkins Motor Plex
Job Location: Murfreesboro, TN 37128
Contractor: Bear Construction LLC

PC: E. Bradley
 TECH: Jared - F
 Plant: 100



Structure ID: #2 (4)
 Spec: Storm
 Type: STM.MH
 Size: 48"

Rim: 587.7'
 Invert: 582.78'
 Rim to Invert: 4.92'

Sump: 2.25"
 Floor (Top): 582.593'
 Floor Height: 6"

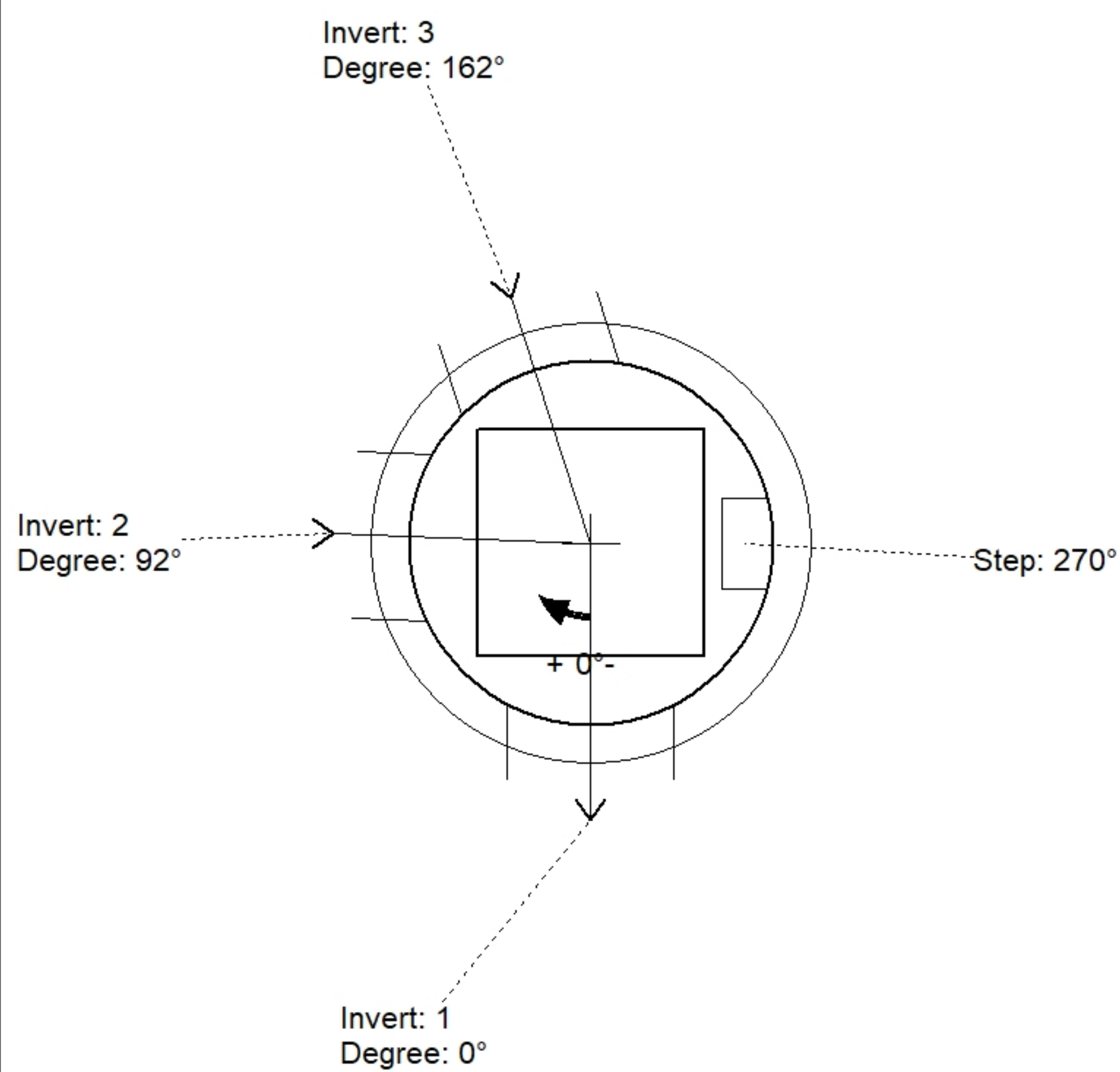
Floor (Bot): 582.093'
 Overall Height: 5.5'
 Slack: 1.29"

Structure Notes:
 1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (JBS 3103 SINGLE SET (F/G/H))

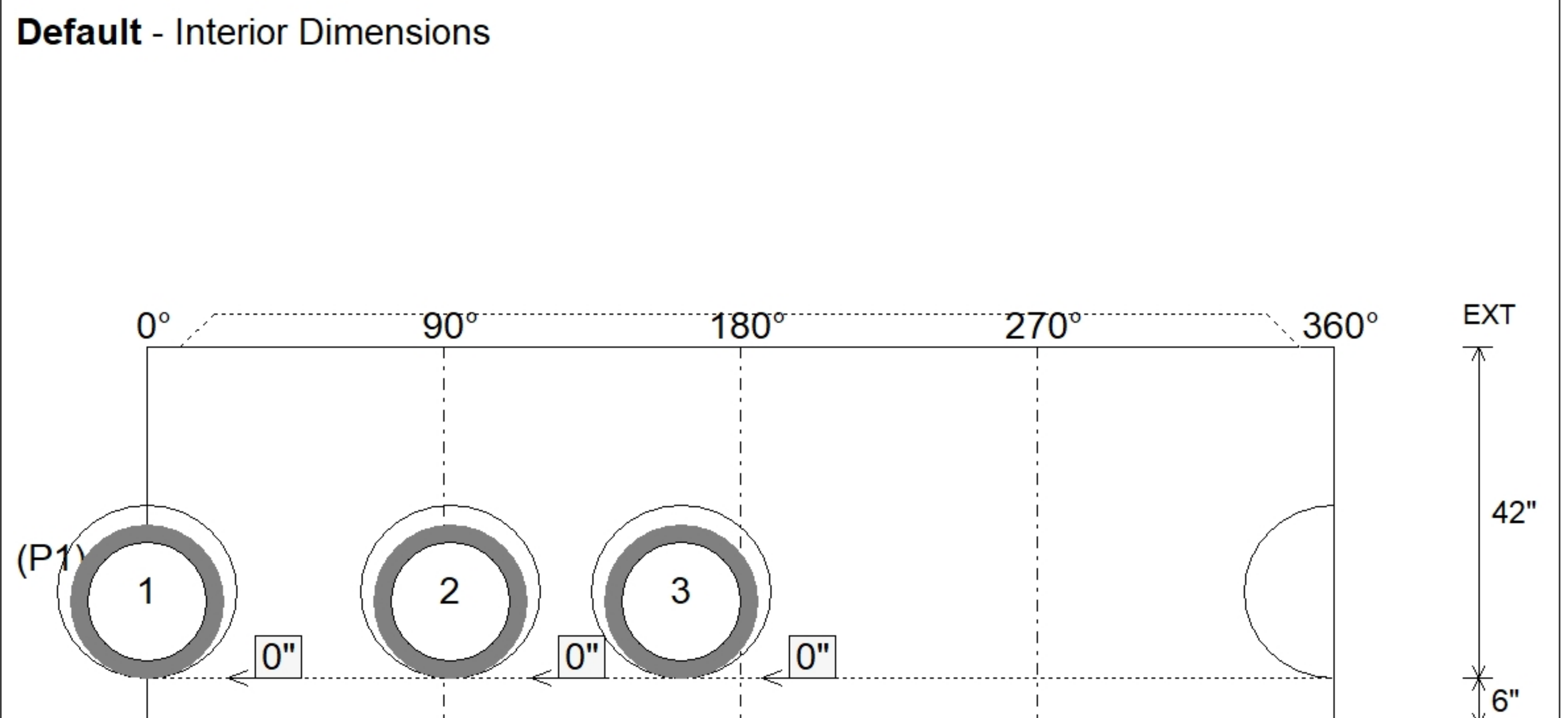
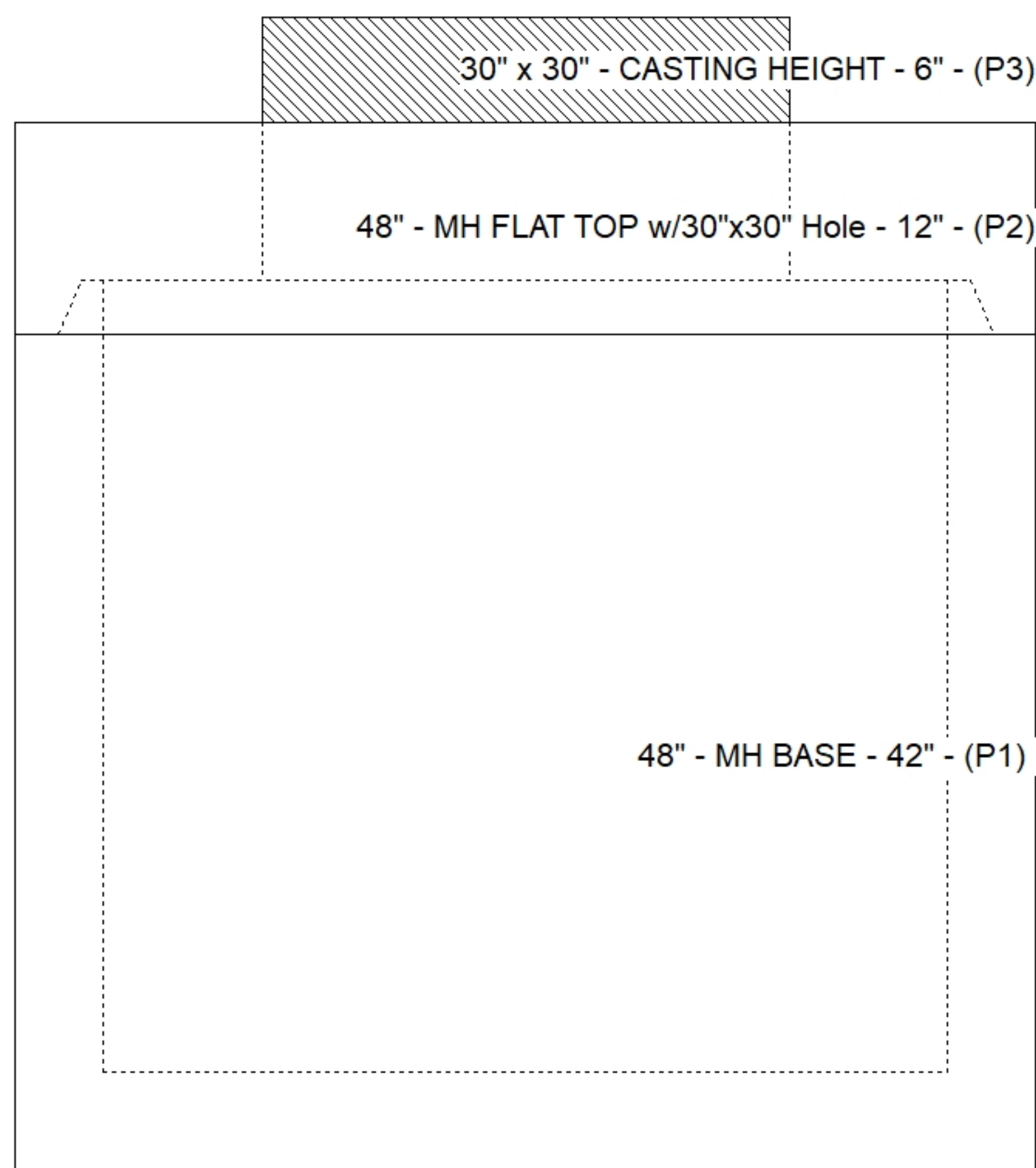
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

P3) 30" x 30" - CASTING HEIGHT - 6"	0 lb
P2) 48" - MH FLAT TOP w/30"x30" Hole - 12"	1350 lb
P1) 48" - MH BASE - 42"	3770 lb
1) CASTING - JBS 3103 Single Set (F/G/H)	250 lb
1) 48" - Conseal CS-102 1.00"	0 lb
1) 30" x 30" - Conseal CS-102 1.00"	0 lb
3) Hole - 22	0 lb
3) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	5370 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	587.7'							
Reducer								
Invert 1	582.78'	0°	15" RCP B WALL	19.5"	22"	Hole 22	0"	P1
Invert 2	582.78'	92°	15" RCP B WALL	19.5"	22"	Hole 22	0"	P1
Invert 3	582.78'	162°	15" RCP B WALL	19.5"	22"	Hole 22	0"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Submittal Drawing
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SUBMITTAL
 APPROVED BY: