

**Job Name: 26-1343 - KSFB/KEC Backup Power Supply**  
**Job Location: Louisville, KY 40209**  
**Contractor: Dan Cristiani Excavating Co. Inc.**

PC: J.Jarvis  
 TECH: Jared- F  
 Plant: 100



Structure ID: MH-1-4 STMH

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

Rim: 489.93'  
 Invert: 485.82'  
 Rim to Invert: 4.11'

Sump: 3"  
 Floor (Top): 485.57'  
 Floor Height: 6"

Floor (Bot): 485.07'  
 Overall Height: 4.75'  
 Slack: 1.32"

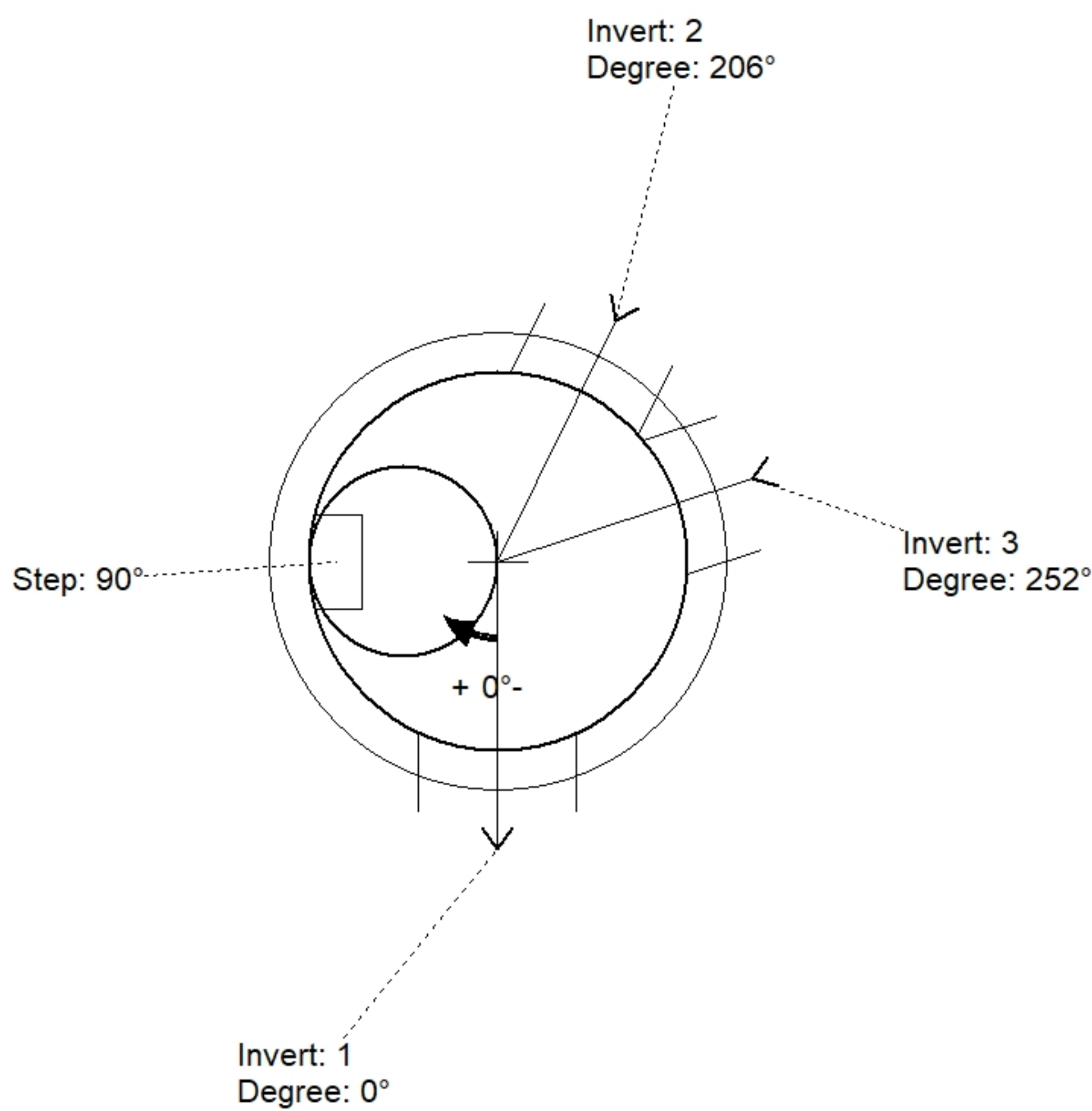
Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. INVERT CHANNEL (BY OTHERS).
4. CASTING BY ICAST (HOE MC-420 F/C STORM)

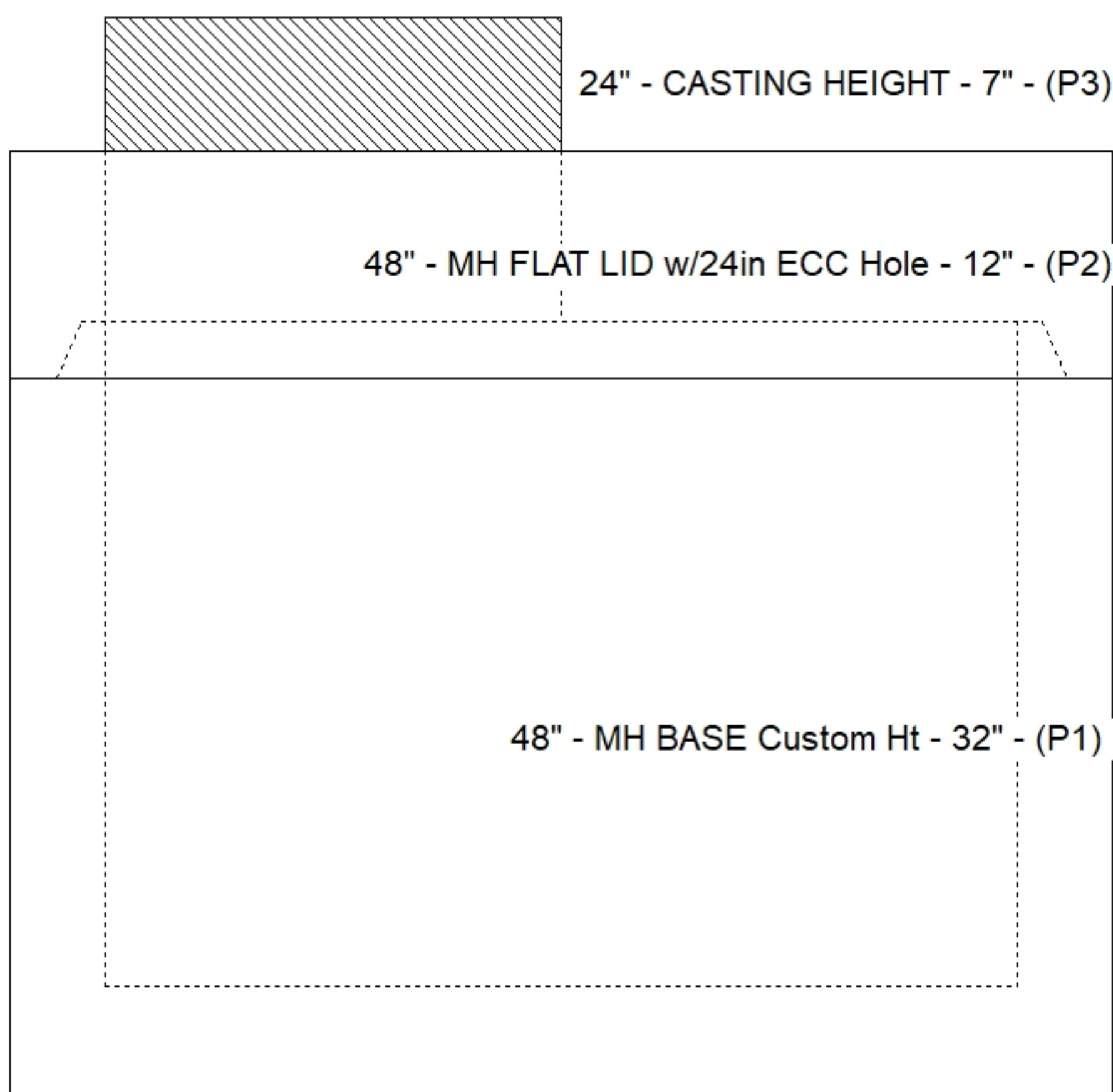
REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..  
 - RISER/WALLS (As .12)  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

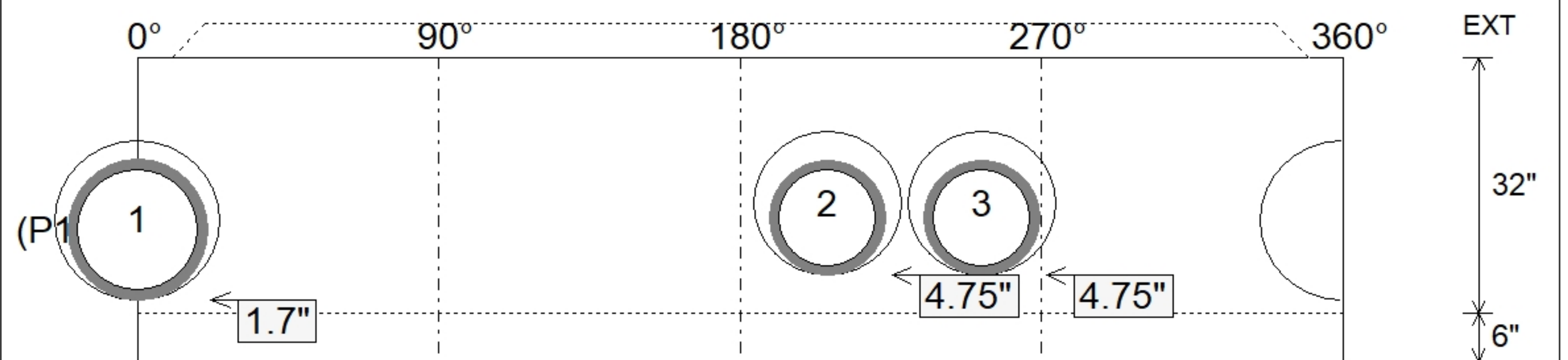
P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - MH FLAT LID w/24in ECC Hole - 12"	1561 lb
P1) 48" - MH BASE Custom Ht - 32"	3212 lb
1) CASTING - HOE MC-420 F/C Storm	340 lb
1) 48" - Conseal CS-102 1.00"	0 lb
1) Hole - 20	0 lb
2) Hole - 18	0 lb
<b>Structure Total:</b>	<b>5113 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	489.93'							
Reducer								
Invert 1	485.82'	0°	15" HDPE	17.6"	20"	Hole 20	1.7"	P1
Invert 2	486.07'	206°	12" HDPE	14.5"	18"	Hole 18	4.75"	P1
Invert 3	486.07'	252°	12" HDPE	14.5"	18"	Hole 18	4.75"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing  
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SUBMITTAL  
 APPROVED BY: