

Contractor: Central Paving Co. of Paducah, Inc.

Plant: Beaver Dam



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

Rim: 369'
Invert: 361'
Rim to Invert: 8'

Sump: 12"
Floor (Top): 360'
Floor Height: 6"

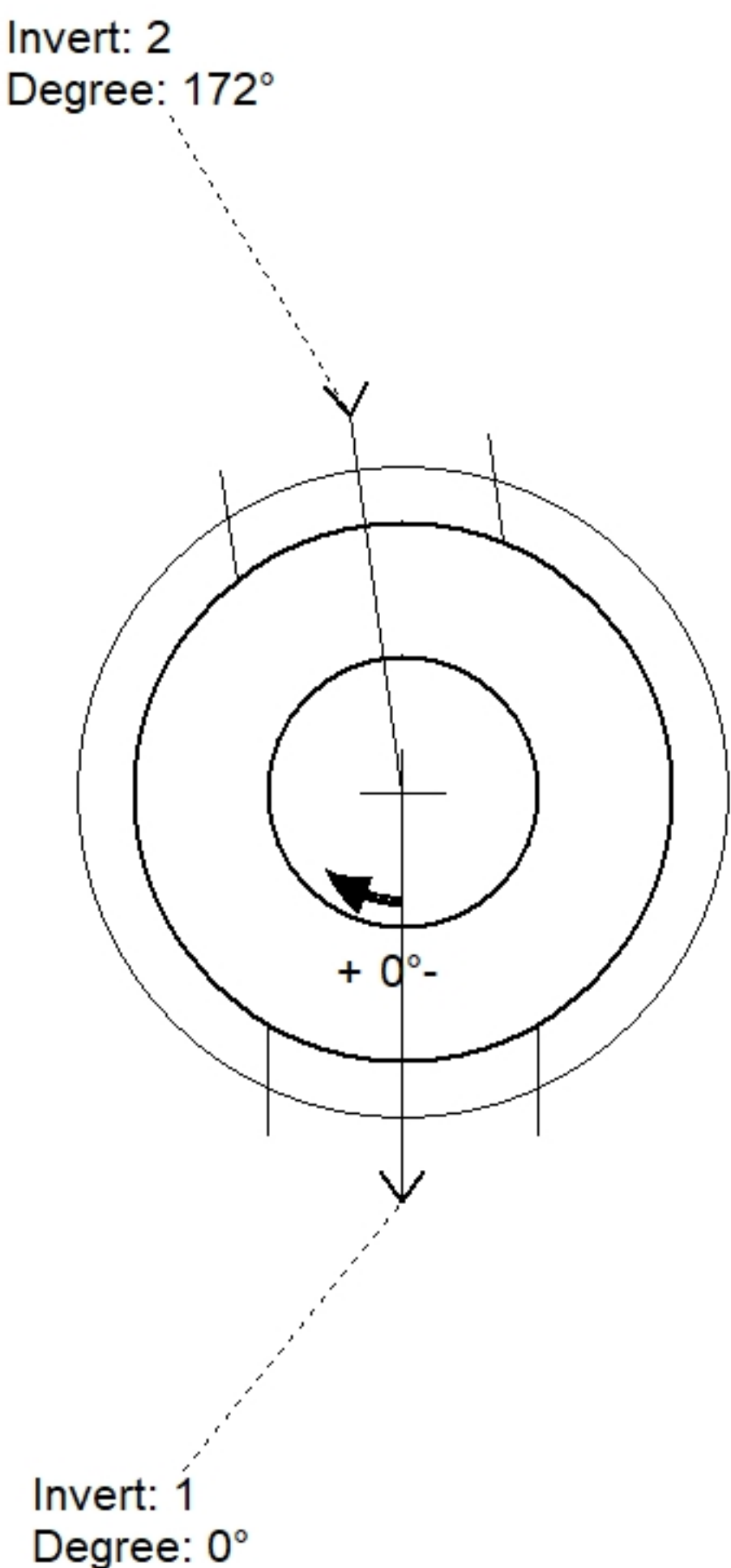
Floor (Bot): 359.5'
Overall Height: 9.5'
Slack: 0"

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY ICAST (HOE MCS-295-B F/G). CAST-IN.
4. WEIR WALL POURED IN PLACE BY ICAST.

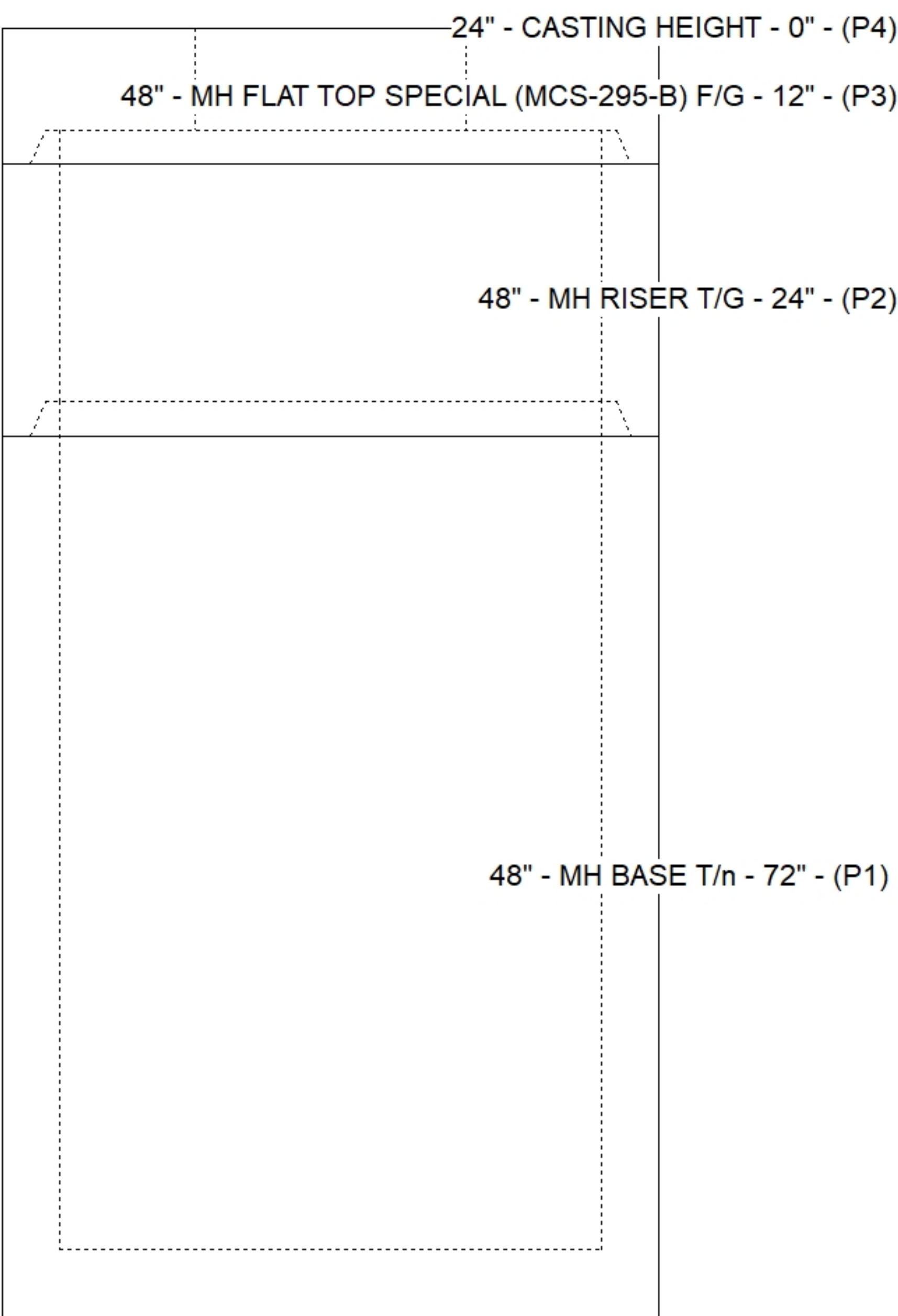
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

P4) 24" - CASTING HEIGHT - 0"
P3) 48" - MH FLAT TOP SPECIAL (MCS-295-B) F/G - 12"
P2) 48" - MH RISER T/G - 24"
P1) 48" - MH BASE T/n - 72"
1) SECONDARY POUR - WEIR WALL
1) CASTING - HOE MCS-295B F/G
2) 48" - Conseal CS-102 1.00"
1) 24" - Conseal CS-102 1.00"
2) Hole - 24

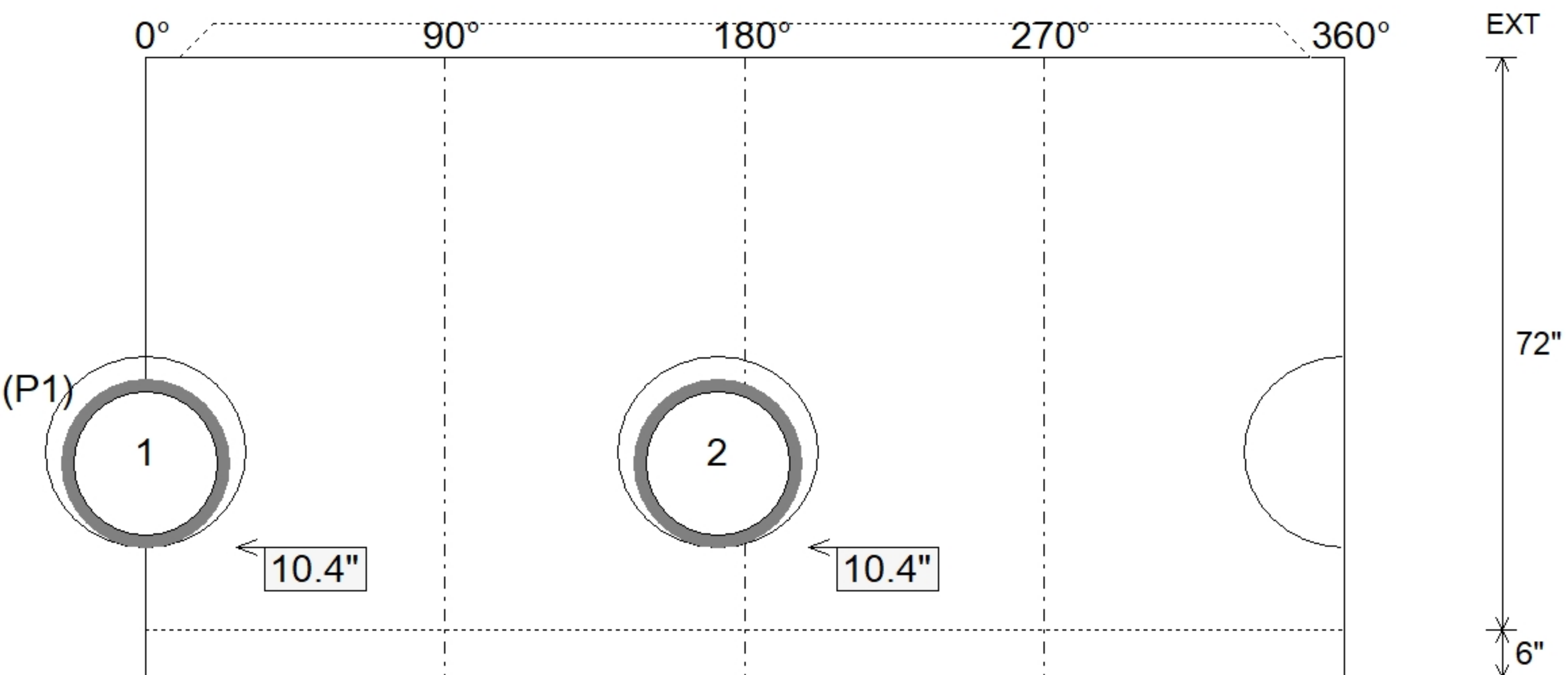
	0 lb
	1593 lb
	1677 lb
	5966 lb
	1099 lb
	123 lb
	0 lb
	0 lb
	0 lb
Structure Total:	<u>10458 lb</u>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (⌵)	Ref
Rim	369'							
Reducer								
Invert 1	361'	0°	18" HDPE	21.2"	24"	Hole 24	10.4"	P1
Invert 2	361'	172°	18" HDPE	21.2"	24"	Hole 24	10.4"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
6/11/2026 11:08:04 AM

SUBMITTAL
APPROVED BY: