

Contractor: RD Sitework LLC

TECH: Jared - F

Plant: 100



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

Rim: 693.21'
Invert: 688.55'
Rim to Invert: 4.66'

Sump: 3"
Floor (Top): 688.3'
Floor Height: 6"

Floor (Bot): 687.8'
Overall Height: 5.333'
Slack: 0.92"

1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. CASTING BY ICAST (HOE 525 SET FLAT GRATE (F/G/H)).
5. CITY OF BGKY-CBI TYPE F.

REINFORCING PER ASTM A615 (GRADE 60).

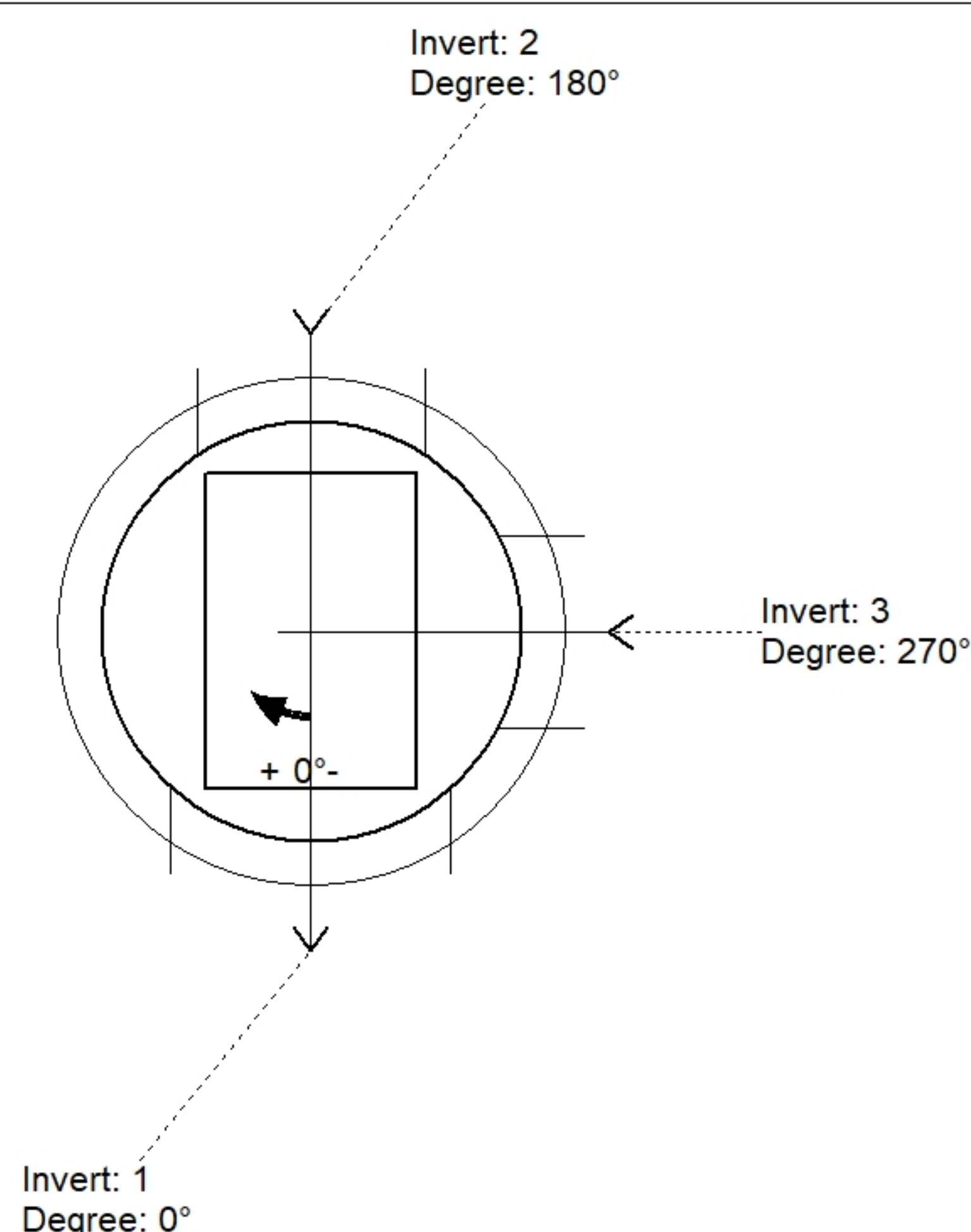
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

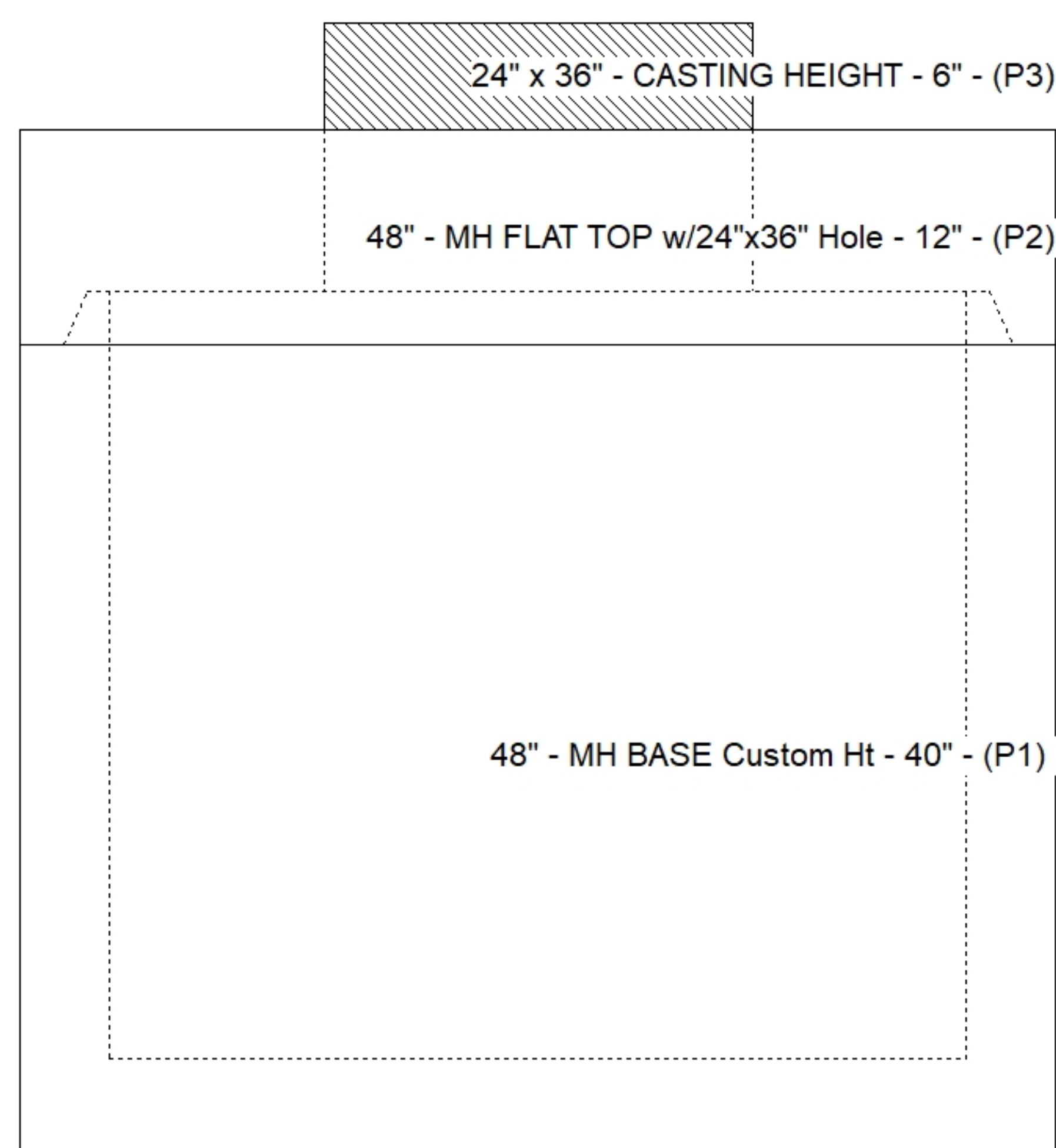
P3) 24" x 36" - CASTING HEIGHT - 6"
P2) 48" - MH FLAT TOP w/24"x36" Hole - 12"
P1) 48" - MH BASE Custom Ht - 40"
1) CASTING - HOE 525 SET FLAT GRATE (F/G/H)
1) 48" - Conseal CS-102 1.00"
1) 24" x 36" - Conseal CS-102 1.00"
1) Hole - 32
1) Hole - 26
1) Hole - 22

0 lb
1300 lb
3363 lb
442 lb
0 lb
0 lb
0 lb
0 lb
0 lb

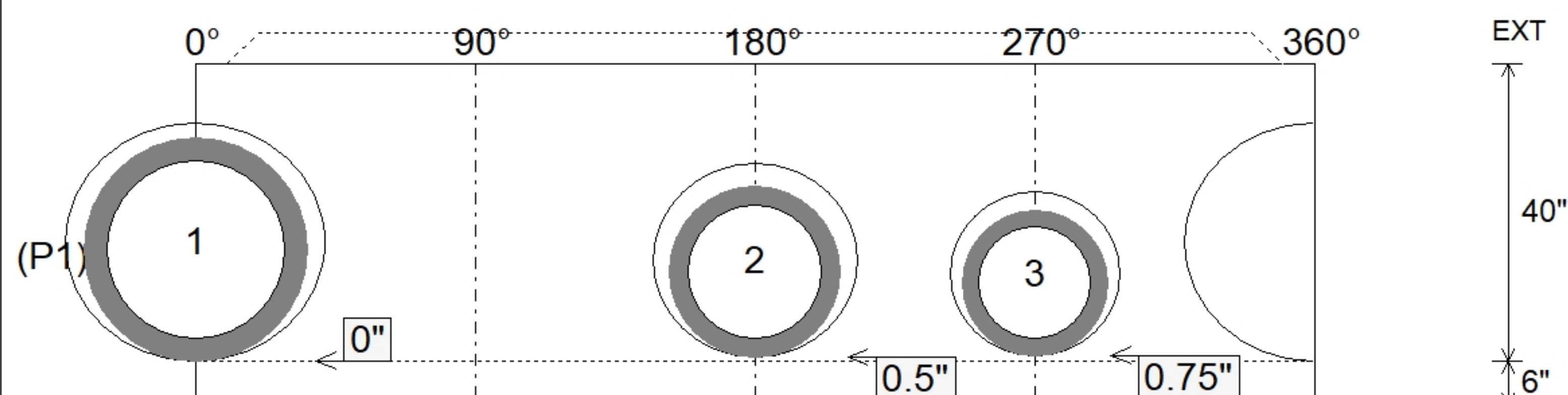
Structure Total: 5105 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (')	Ref
Rim	693.21'							
Reducer								
Invert 1	688.55'	0°	24" RCP B WALL	30"	32"	Hole 32	0"	P1
Invert 2	688.55'	180°	18" RCP B WALL	23"	26"	Hole 26	0.5"	P1
Invert 3	688.55'	270°	15" RCP B WALL	19.5"	22"	Hole 22	0.75"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
6/8/2026 12:39:01 PM

SUBMITTAL
APPROVED BY: