

Job Name: 25-4593 - 823277 Central Ramp Expansion BNA
Job Location: Nashville, TN
Contractor: Contech Engineering Solutions

PC: T. Sekula
 TECH: J. Coppage
 Plant: Beaver Dam, KY



Structure ID: **030-CDS5678-10-C**
 Spec: Storm-Pipe Centered
 Type: STM.MH
 Size: 120"

Rim: 502.71'
 Invert: 491.76'
 Rim to Invert: 10.95'

Sump: 156.96"
 Floor (Top): 478.68'
 Floor Height: 6"

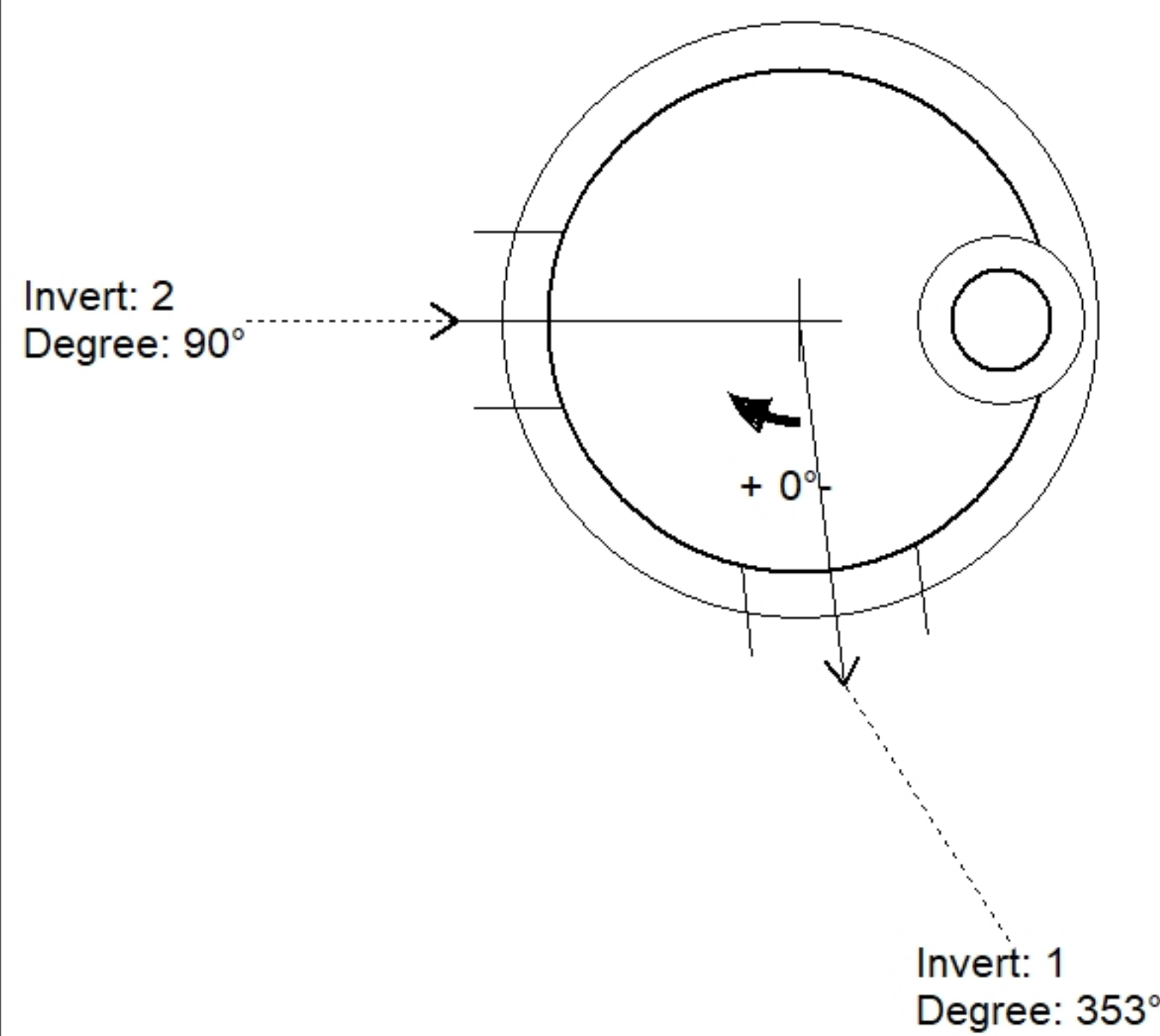
Floor (Bot): 478.18'
 Overall Height: 24.5'
 Slack: 0.36"

Structure Notes:

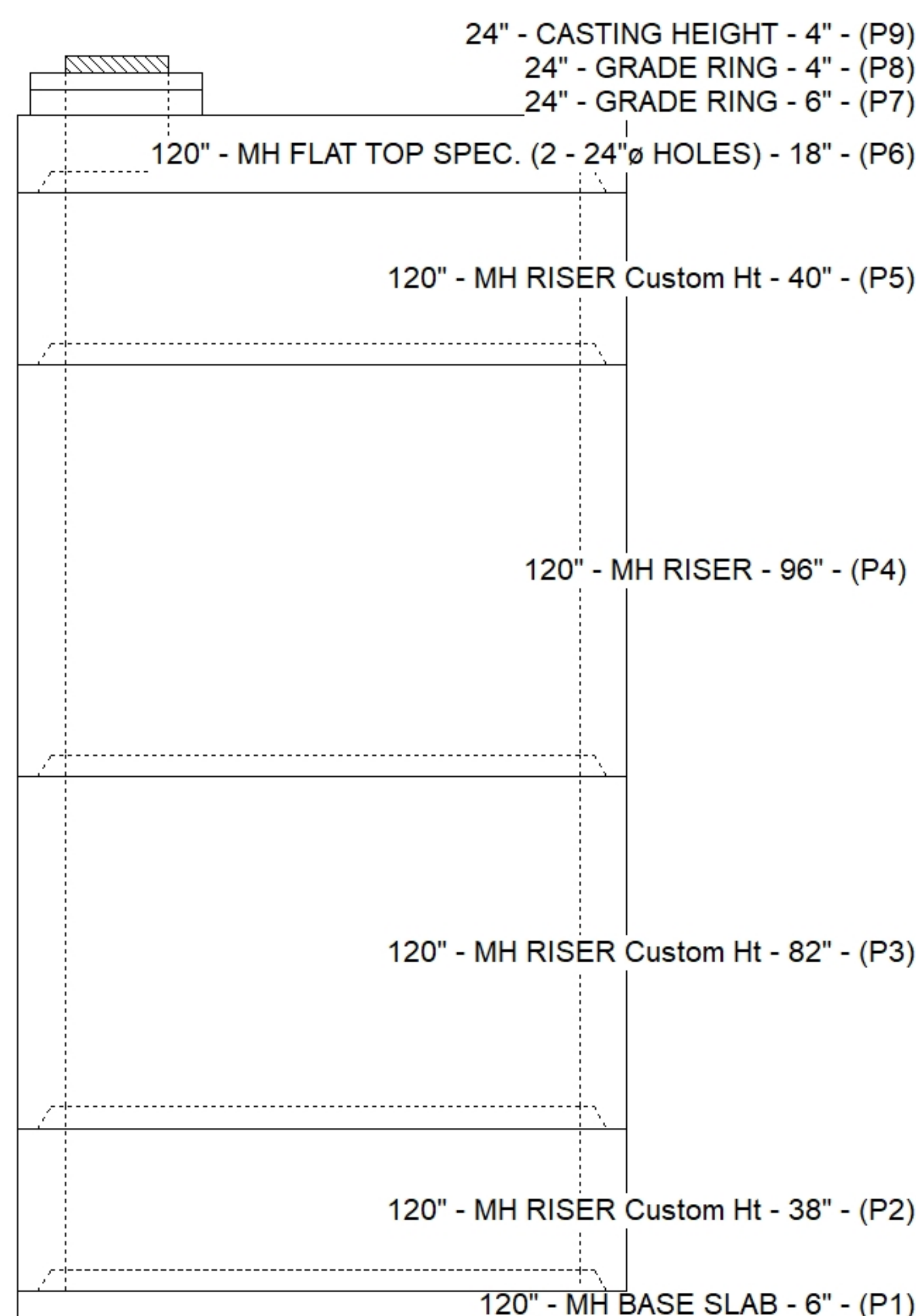
- PER ASTM C-478 SPECS
- CONCRETE: 7,000 PSI AT 28 DAYS
- REINFORCEMENT: PER ASTM A615 (GRADE 60)
- 2 EA. CASTINGS PROVIDED BY OTHERS
- LIFTING HOOKS TO BE INSTALLED ON THE INSIDE OF THE STRUCTURE
- CONTECH'S LOGO AS WELL AS INLET AND OUTLET MUST BE STENCILED ONTO STRUCTURE
- BASE SLAB, BASE SECTION, AND CONTROL SECTION HAVE ALREADY BEEN PRODUCED.
- INTERNALS TO BE INSTALLED BY OTHERS

STRUCTURE SUMMARY:

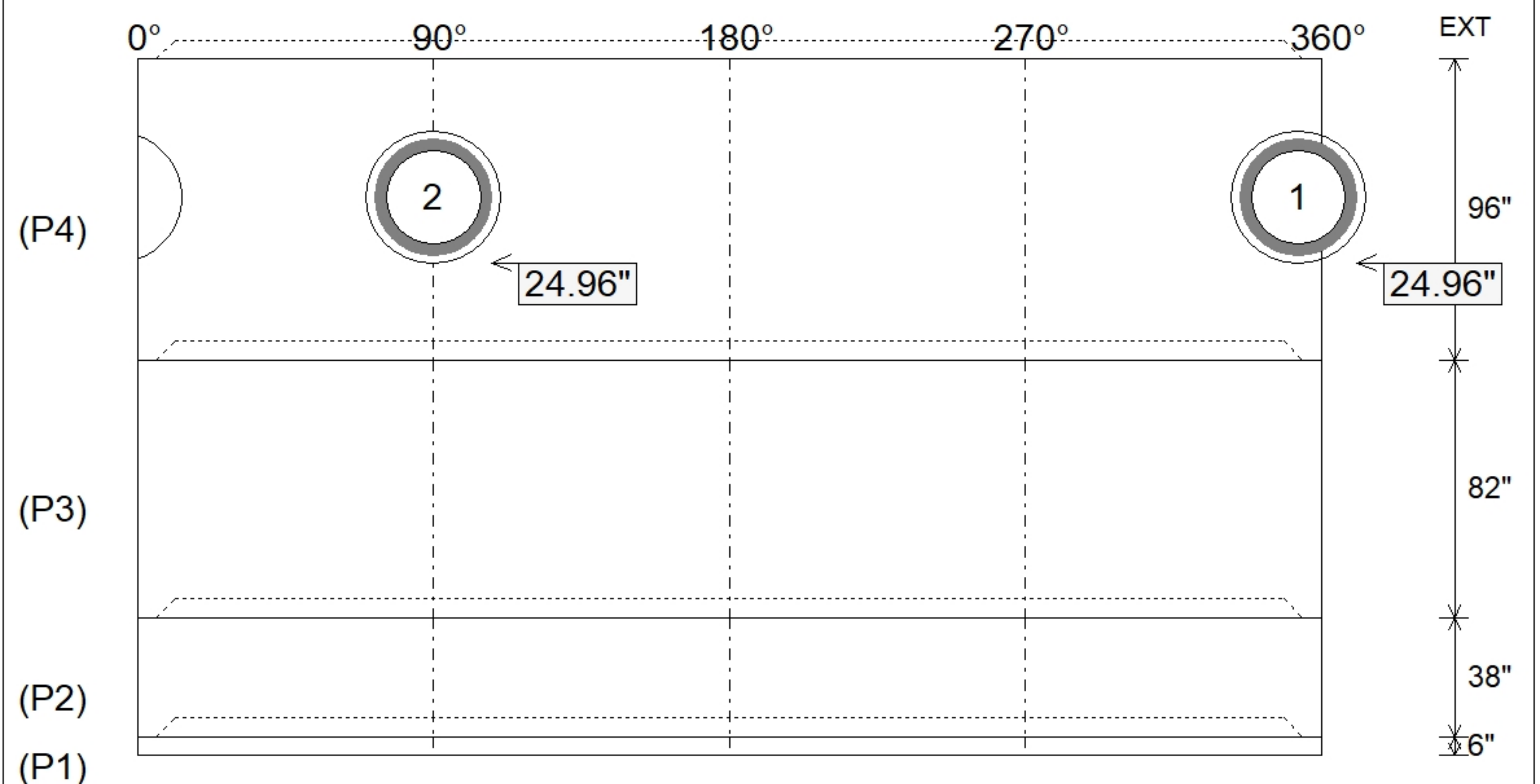
P9) 24" - CASTING HEIGHT - 4"	0 lb
P8) 24" - GRADE RING - 4"	270 lb
P7) 24" - GRADE RING - 6"	405 lb
P6) 120" - MH FLAT TOP SPEC. (2 - 24"Ø HOLES) - 18"	16223 lb
P5) 120" - MH RISER Custom Ht - 40"	15195 lb
P4) 120" - MH RISER - 96"	33863 lb
P3) 120" - MH RISER Custom Ht - 82"	31150 lb
P2) 120" - MH RISER Custom Ht - 38"	14435 lb
P1) 120" - MH BASE SLAB - 6"	14760 lb
1) CVSTENCILING	0 lb
1) SECONDARY POUR - Separation Slab*	10363 lb
5) 120" - Conseal CS-102 1.00"	0 lb
2) Hole - 42	0 lb
Structure Total:	136664 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (')	Ref
Rim	502.71'							
Reducer								
Invert 1	491.76'	353°	30" RCP B WALL	37"	42"	Hole 42	24.96"	P4
Invert 2	491.76'	90°	30" RCP B WALL	37"	42"	Hole 42	24.96"	P4
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
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SUBMITTAL
 APPROVED BY: