

Job Name: 25-3182 - Silverstone Subdivision
Job Location: Bowling Green, KY
Contractor: R.A. Alexander & Sons, Inc.

PC: T. Lewis
 TECH: Jared - F
 Plant: 100



Structure ID: **ST4**
 Spec: Storm
 Type: STM.MH
 Size: 48"

Rim: 555.27'
 Invert: 548.96'
 Rim to Invert: 6.31'

Sump: 3"
 Floor (Top): 548.71'
 Floor Height: 6"

Floor (Bot): 548.21'
 Overall Height: 7.042'
 Slack: 0.22"

Structure Notes:

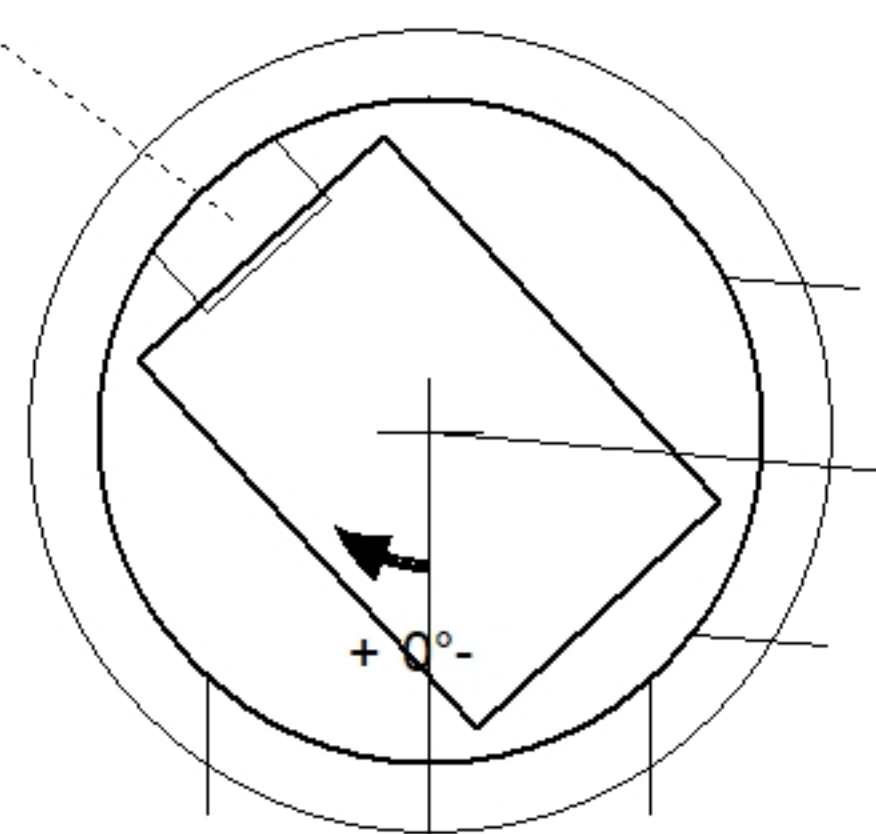
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY ICAST (JBS 3070N F/G).

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 - 6.5"	0 lb
P2) 48" - MH FLAT TOP w/24"x36" Hole - 12"	1300 lb
P1) 48" - MH BASE Custom Ht - 60"	4925 lb
1) CASTING - JBS 3070N F/G	500 lb
1) 48" - Conseal CS-102 1.00"	0 lb
1) 24" x 36" - Conseal CS-102 1.00"	0 lb
1) Hole - 32	0 lb
1) Hole - 26	0 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	6725 lb

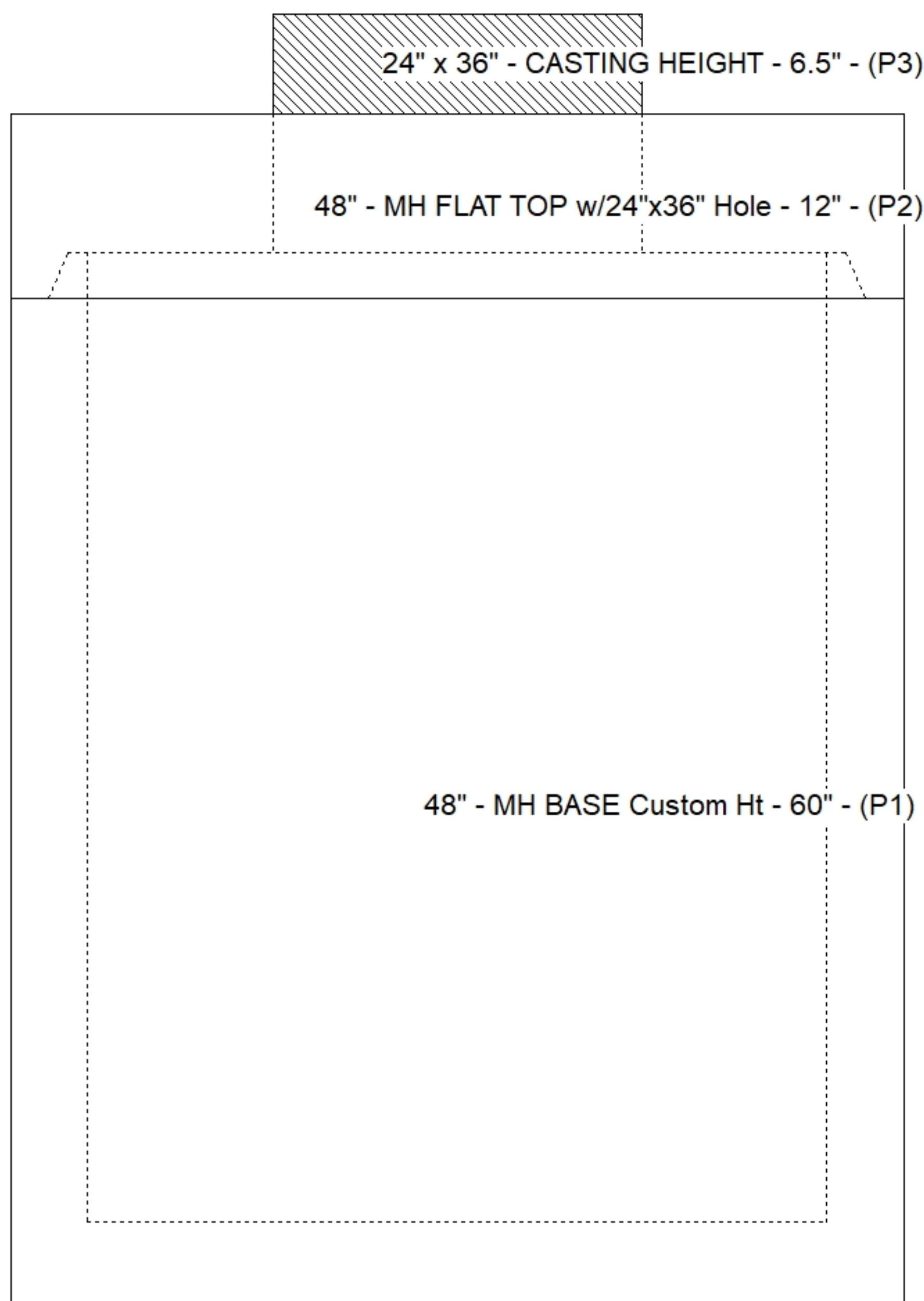
Step: 137.5°



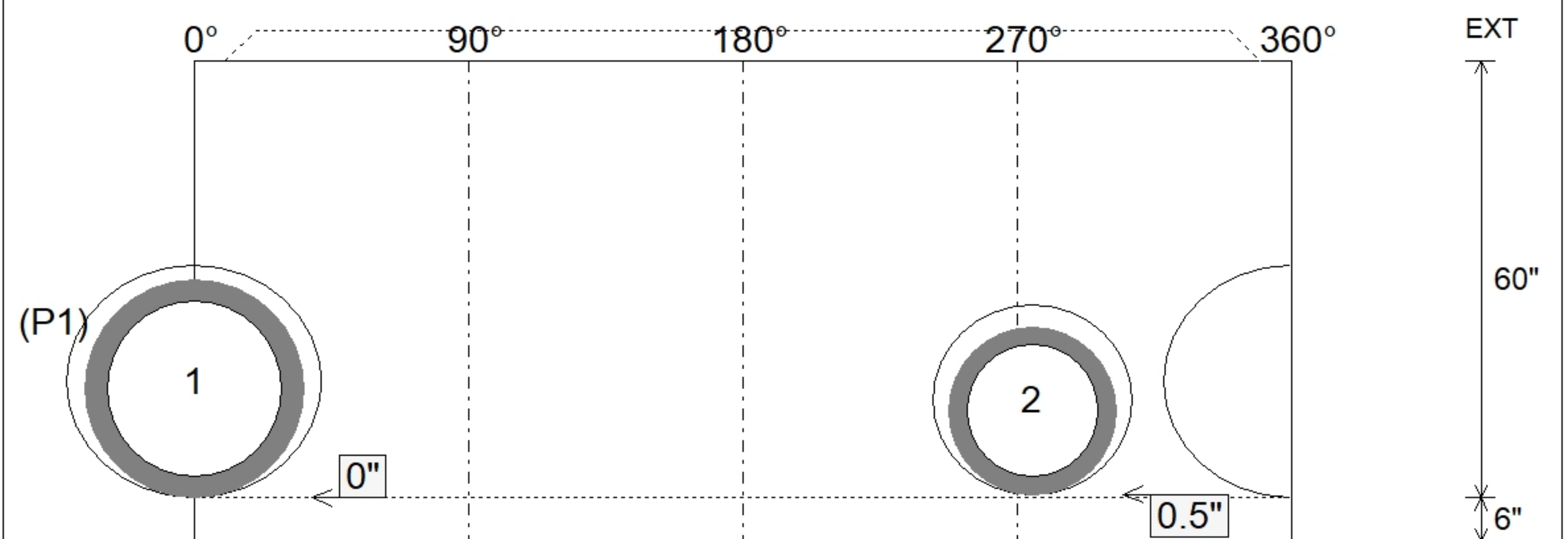
Invert: 2
Degree: 275°

Invert: 1
Degree: 0°

Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	555.27'							
Reducer								
Invert 1	548.96'	0°	24" RCP B WALL	30"	32"	Hole 32	0"	P1
Invert 2	548.96'	275°	18" RCP B WALL	23"	26"	Hole 26	0.5"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
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SUBMITTAL
 APPROVED BY: