

Job Name: 25-3303 INDOT B44119-A ORX-Sect. 3 - Vanderburgh Co.
Job Location: Evansville, IN
Contractor: Blankenberger Brothers, Inc.

PC: A. Chambers
 TECH: J. Horsley
 Plant: 100



Structure ID: **105 (108+80)**
 Spec: INDOT
 Type: INDOT MH M
 Size: 108"

Rim: 391.5'
 Invert: 360.02'
 Rim to Invert: 31.48'

Sump: 6"
 Floor (Top): 359.52'
 Floor Height: 12"

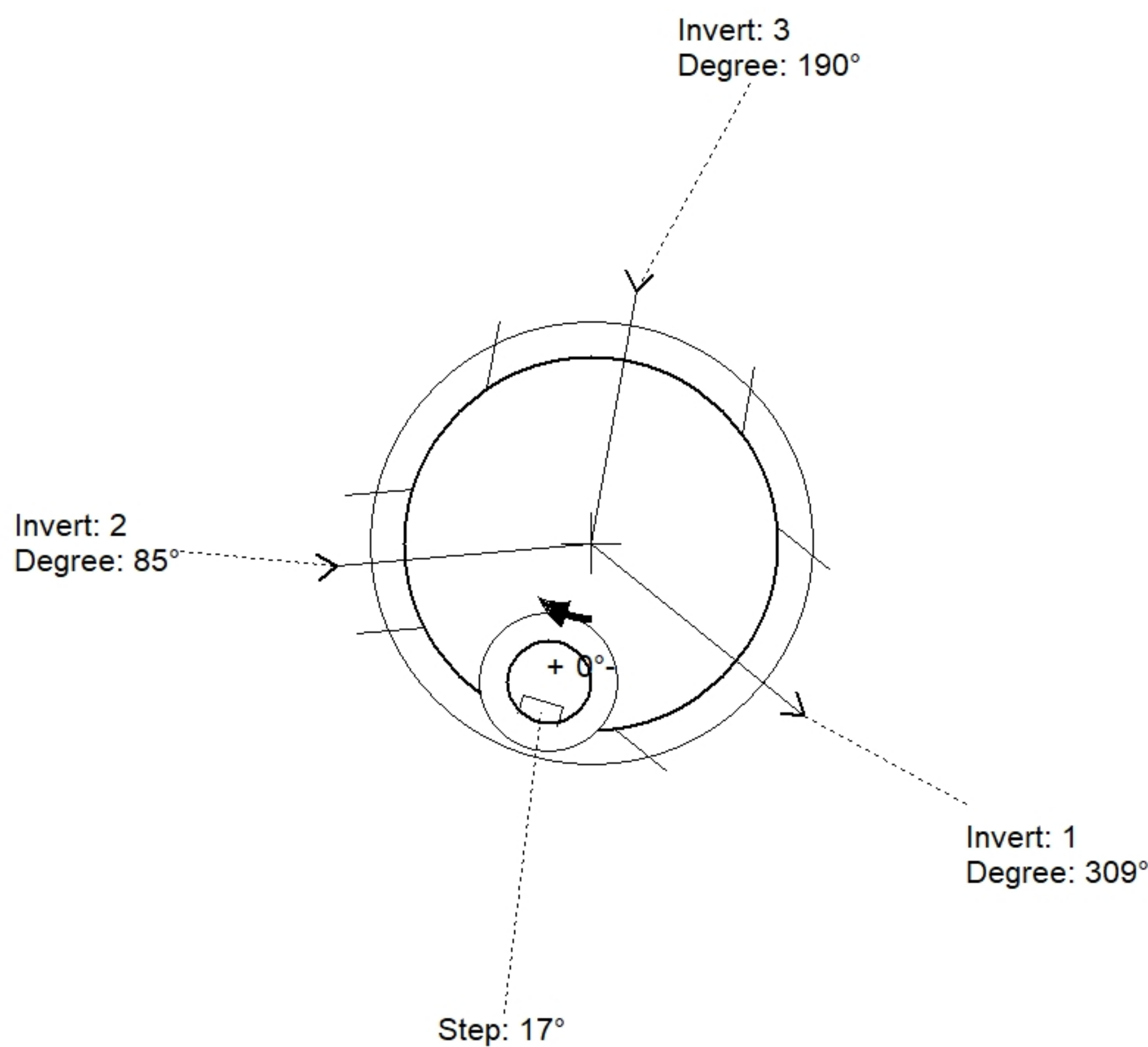
Floor (Bot): 358.52'
 Overall Height: 32.833'
 Slack: 1.76"

Structure Notes:

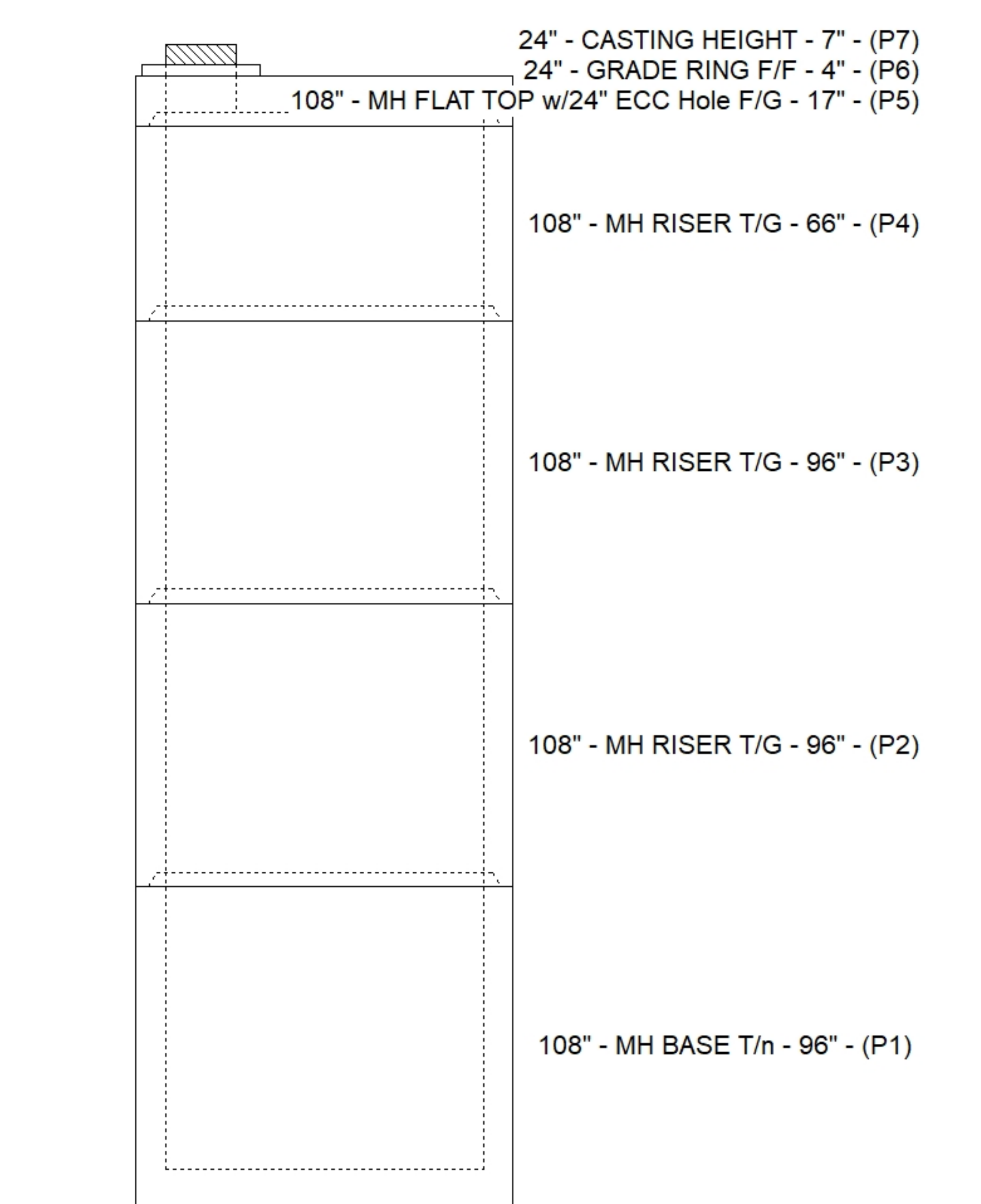
- **INDOT STATE PROJECT****
 1. INDOT MH TYPE M / ASTM C478 SPEC'S.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (INDOT TY.4 / EJ 1925 F/C).
- REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB = H20 LOADING.
 - RISER/WALLS (As .30)
 - FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

STRUCTURE SUMMARY:

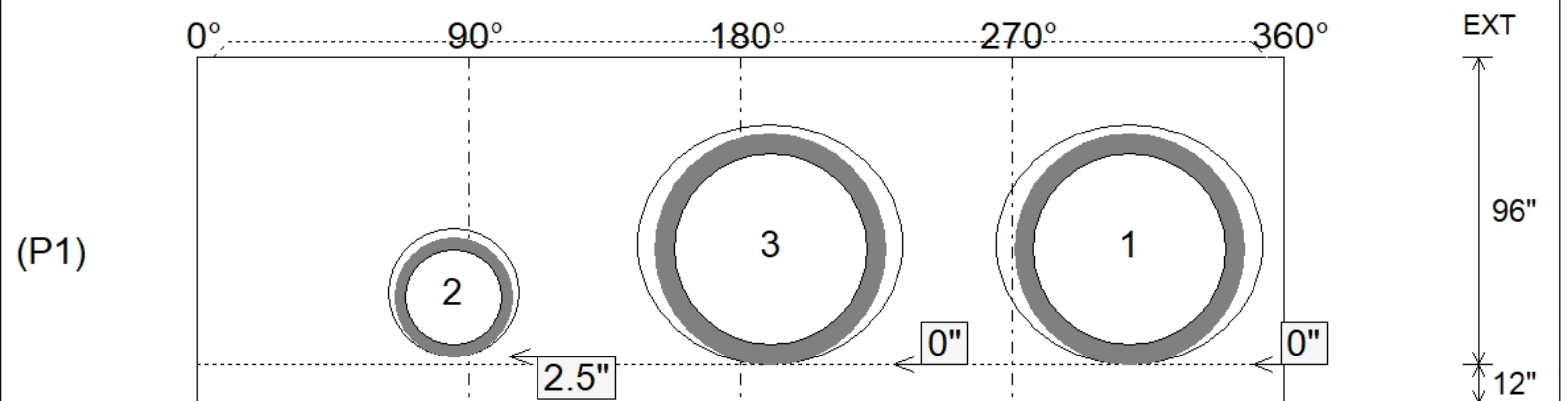
P7) 24" - CASTING HEIGHT - 7"	0 lb
P6) 24" - GRADE RING F/F - 4"	270 lb
P5) 108" - MH FLAT TOP w/24" ECC Hole F/G - 17"	10472 lb
P4) 108" - MH RISER T/G - 66"	20531 lb
P3) 108" - MH RISER T/G - 96"	29863 lb
P2) 108" - MH RISER T/G - 96"	29863 lb
P1) 108" - MH BASE T/n - 96"	33685 lb
1) CASTING - EJ 1925 F/C	250 lb
4) 108" - Conseal CS-102 1.00"	0 lb
2) Hole - 75	0 lb
1) Hole - 40	0 lb
30) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	124932 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	391.5'							
Reducer								
Invert 1	360.02'	309°	60" RCP B WALL	72"	75"	Hole 75	0"	P1
Invert 2	360.02'	85°	30" RCP B WALL	37"	40"	Hole 40	2.5"	P1
Invert 3	360.02'	190°	60" RCP B WALL	72"	75"	Hole 75	0"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
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SUBMITTAL
 APPROVED BY: