Job Name: 26-2642 - Daviess County Detention Center
Job Location: Owensboro, KY
Contractor: Winwater Hartford KY Co.

PC:	A. Chambers
TECH:	J. Coppage
Plant: Beaver Dam	

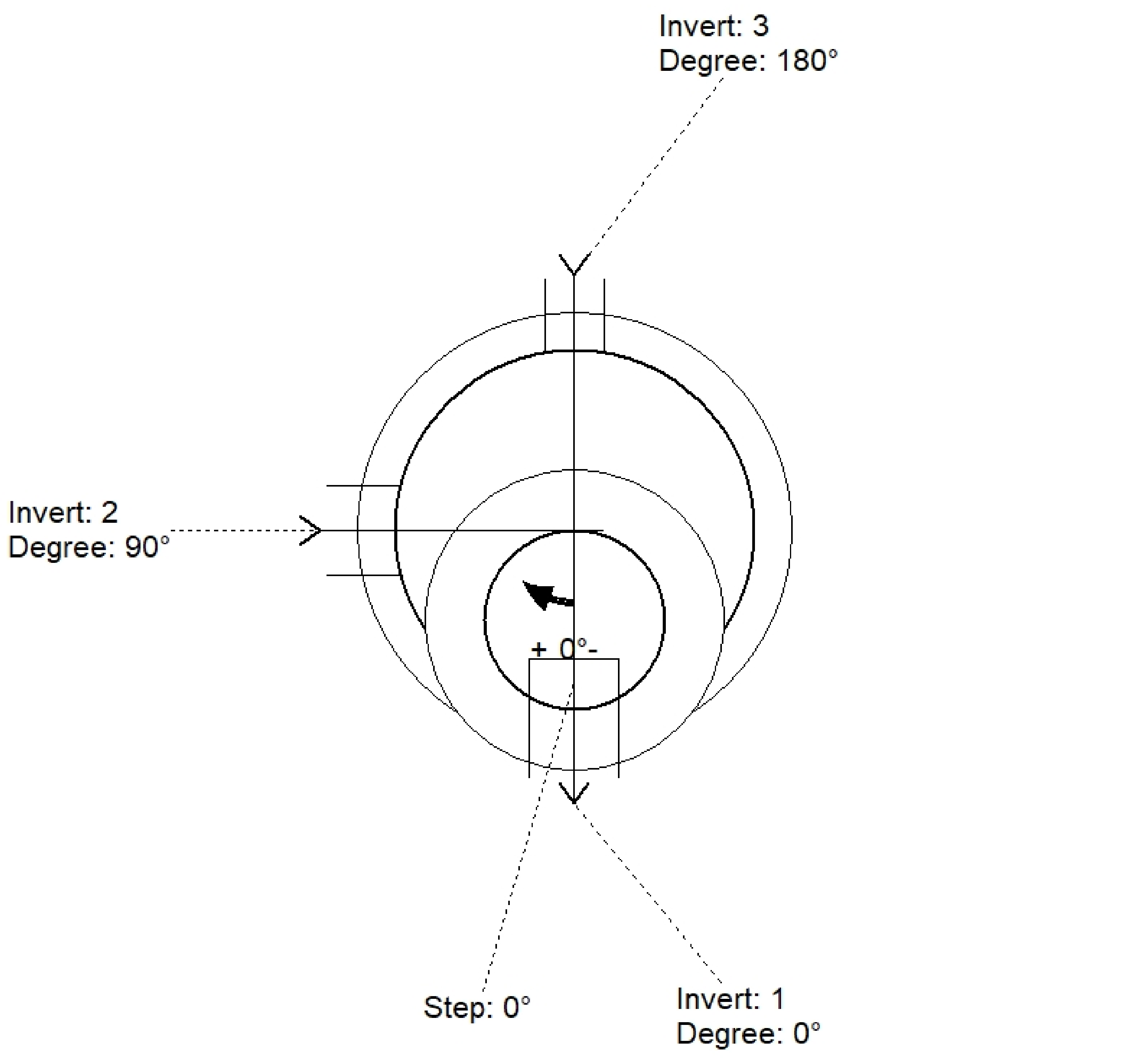
Structure ID: **A1MH2 SS-MH**

Spec: Sanitary	Rim: 402'	Sump: 2"	Floor (Bot): 394.083'
Type: SAN.MH w/ConBlock-CDA Red	Invert: 394.75'	Floor (Top): 394.583'	Overall Height: 7.917'
Size: 48"	Rim to Invert: 7.25'	Floor Height: 6"	Slack: 0"

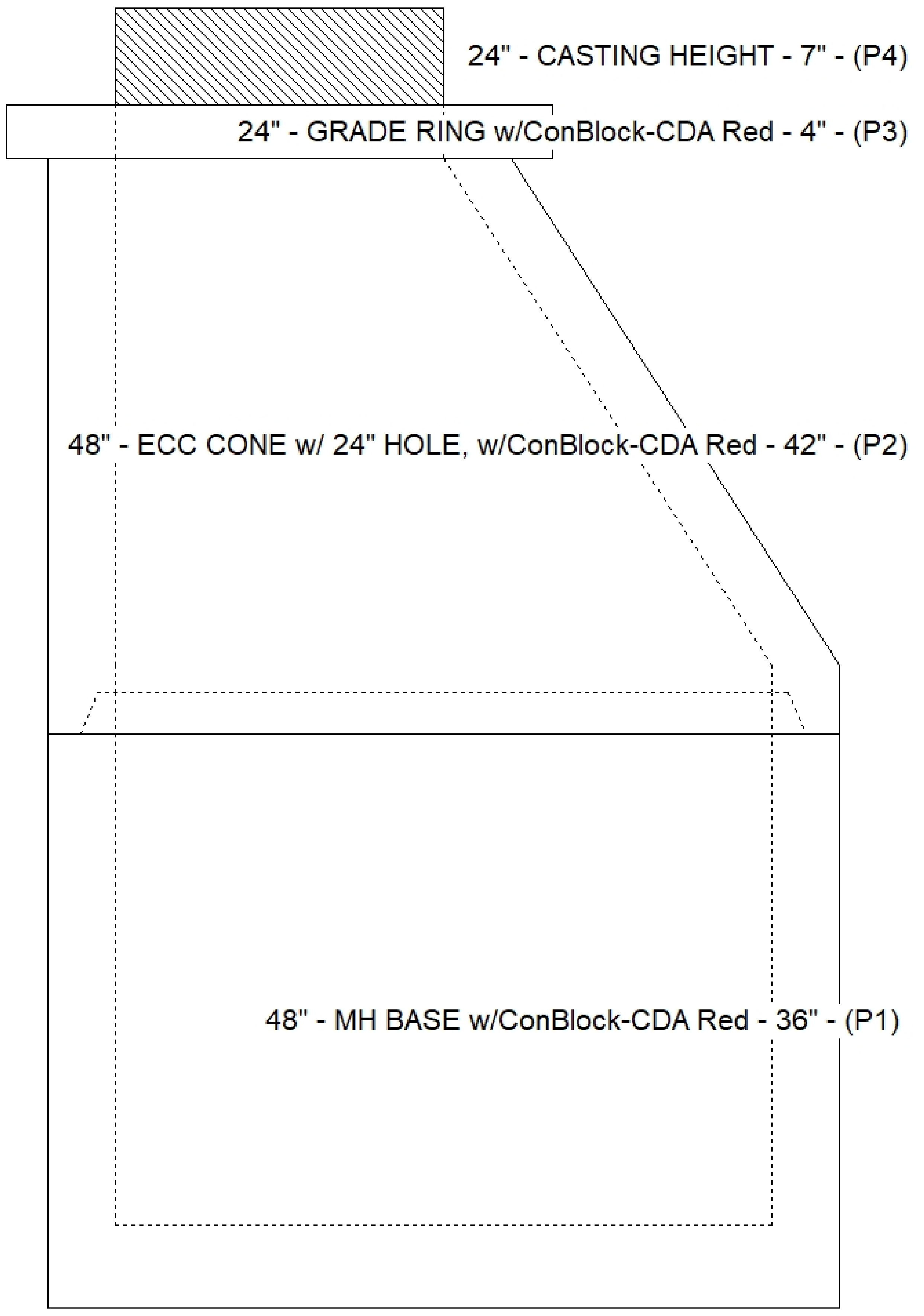
Structure Notes: .
1. JR HOE MC-315 SAN. PROVIDED BY ICAST.
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. ADMIXTURE = CONBLOCK CDA RED.
5. REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

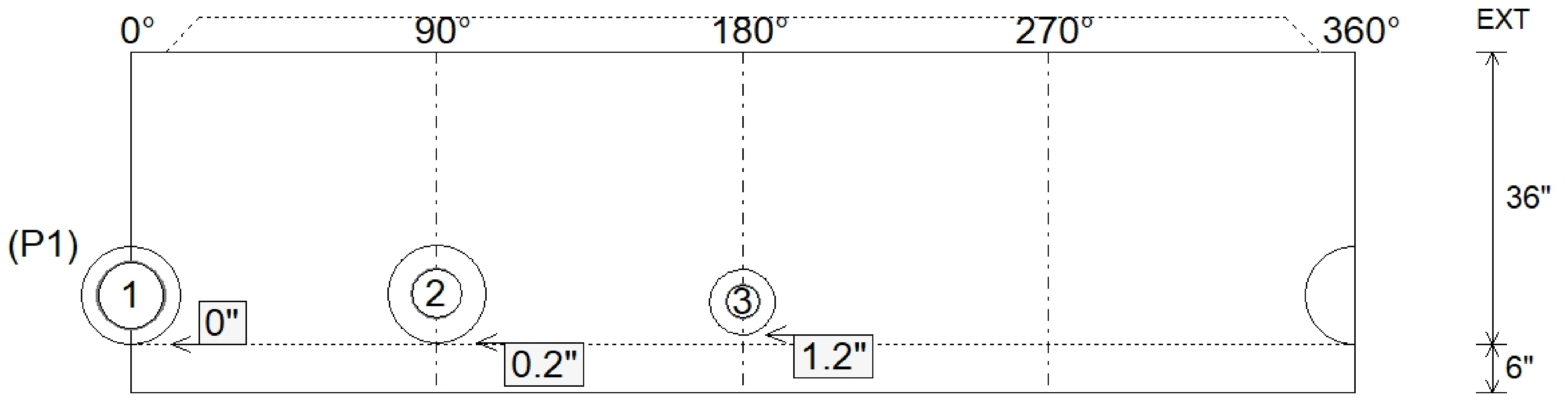
P4) 24" - CASTING HEIGHT - 7"	0 lb
P3) 24" - GRADE RING w/ConBlock-CDA Red - 4"	270 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red - 42"	3116 lb
P1) 48" - MH BASE w/ConBlock-CDA Red - 36"	3728 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) CASTING - HOE MC-315 F/C RWRA	258 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
2) 24" - Conseal CS-102 1.00" (Double)	0 lb
1) PSX - 12-08 NYLO	8 lb
1) PSX - 12-06 NYLO	8 lb
1) PSX - 8QRS-S NYLO	6 lb
7) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	8835 lb


Invert: 3
Degree: 180°
Invert: 2
Degree: 90°
+ 0°-
Step: 0°
Invert: 1
Degree: 0°

Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (_)	Ref
Rim	402'							
Reducer								
Invert 1	394.75'	0°	8" PVC SDR35	8.5"	12"	PSX 12-08 NYLO	0"	P1
Invert 2	394.85'	90°	6" PVC SDR35	6.25"	12"	PSX 12-06 NYLO	0.2"	P1
Invert 3	394.85'	180°	4" PVC SDR35	4.25"	8"	PSX 8QRS-S NYLO	1.2"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								


24" - CASTING HEIGHT - 7" - (P4)
24" - GRADE RING w/ConBlock-CDA Red - 4" - (P3)
48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red - 42" - (P2)
48" - MH BASE w/ConBlock-CDA Red - 36" - (P1)

Default - Interior Dimensions


0°
90°
180°
270°
360°
EXT
36"
(P1)
1
2
3
0"
0.2"
1.2"
6"

Submittal Drawing
10/15/2026 8:58:50 AM

SUBMITTAL
APPROVED BY: