

Job Name: 25-3671 - Posey Co Solar Field System

Job Location: Mount Vernon, IN

Contractor: Russell's Excavating

PC: A. Chambers

TECH: J. Horsley - F

Plant: 100



Structure ID: **SSMH 1**

Spec: Sanitary

Type: SAN.MH w/ConBlock-CDA Red

Size: 48"

Rim: 460'

Invert: 456.24'

Rim to Invert: 3.76'

Sump: 2"

Floor (Top): 456.073'

Floor Height: 6"

Floor (Bot): 455.573'

Overall Height: 4.417'

Slack: 0.12"

Structure Notes:

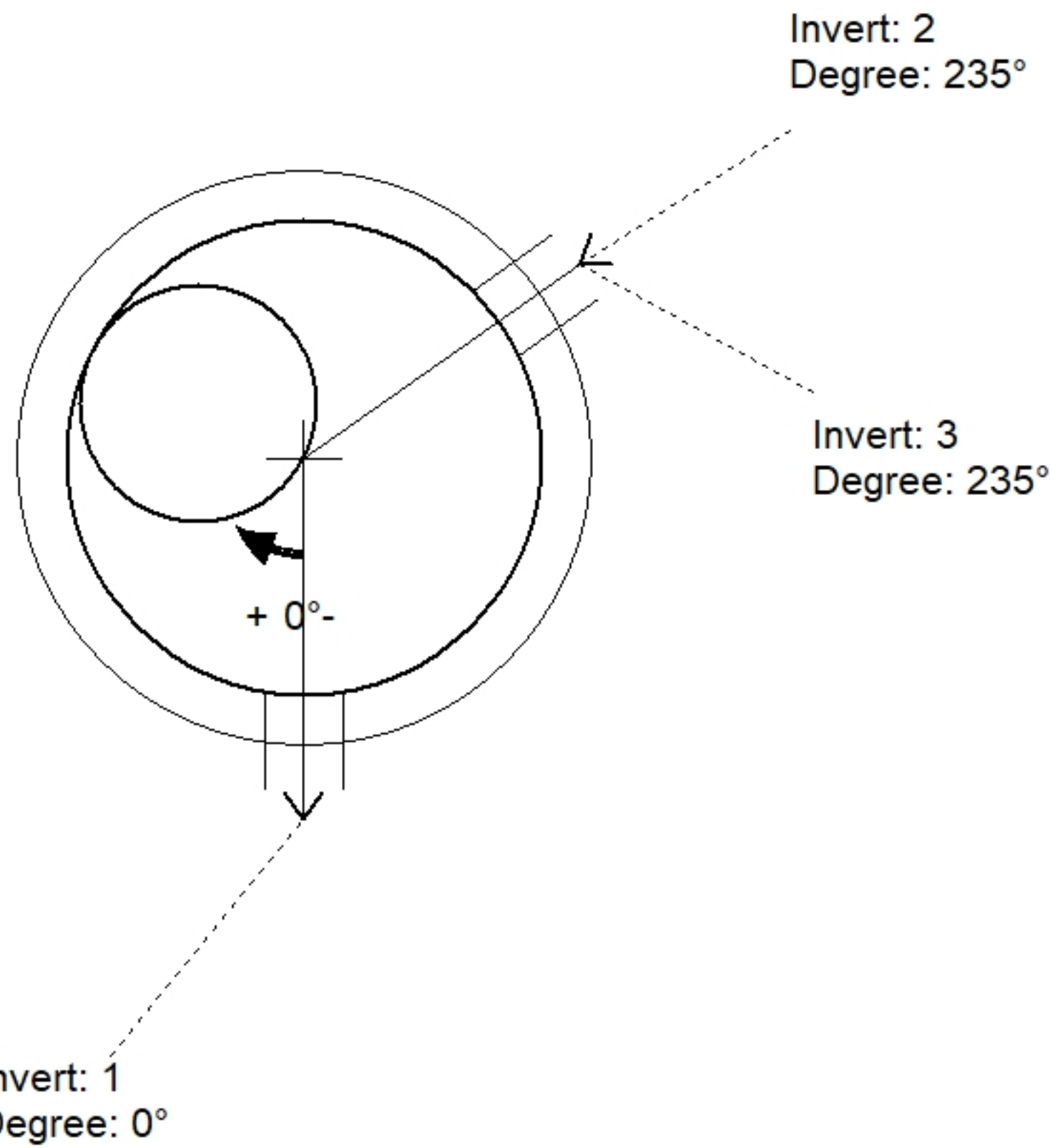
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING SUPPLIED BY OTHERS.
5. NO STEPS.
6. EXTERNAL CHIMNEY SEALS BY ICAST.
7. EXTERNAL DROP ASSEMBLY BY OTHERS.

REINFORCING PER ASTM A615 (GRADE 60).

- CONE (As .12)
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

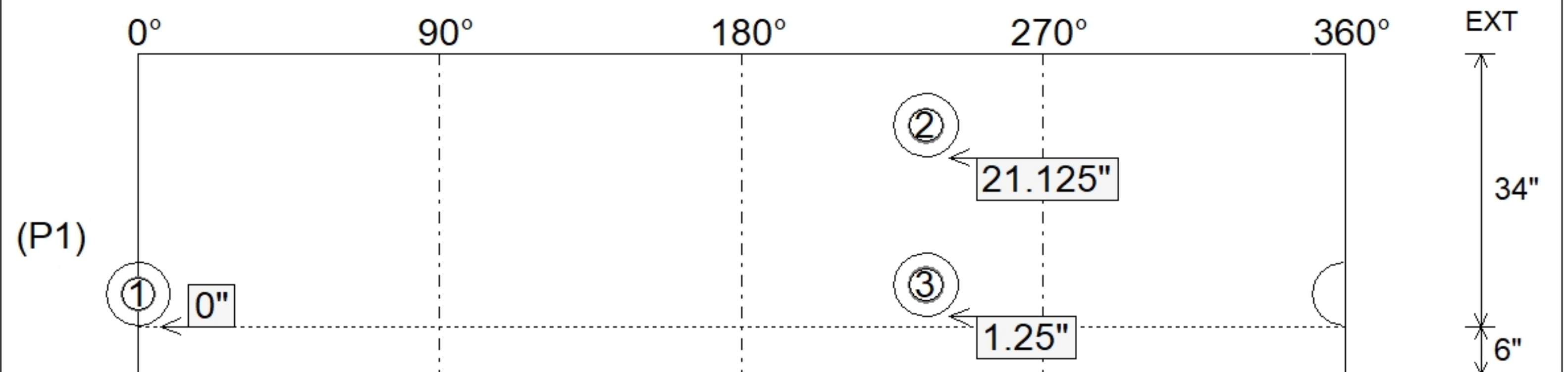
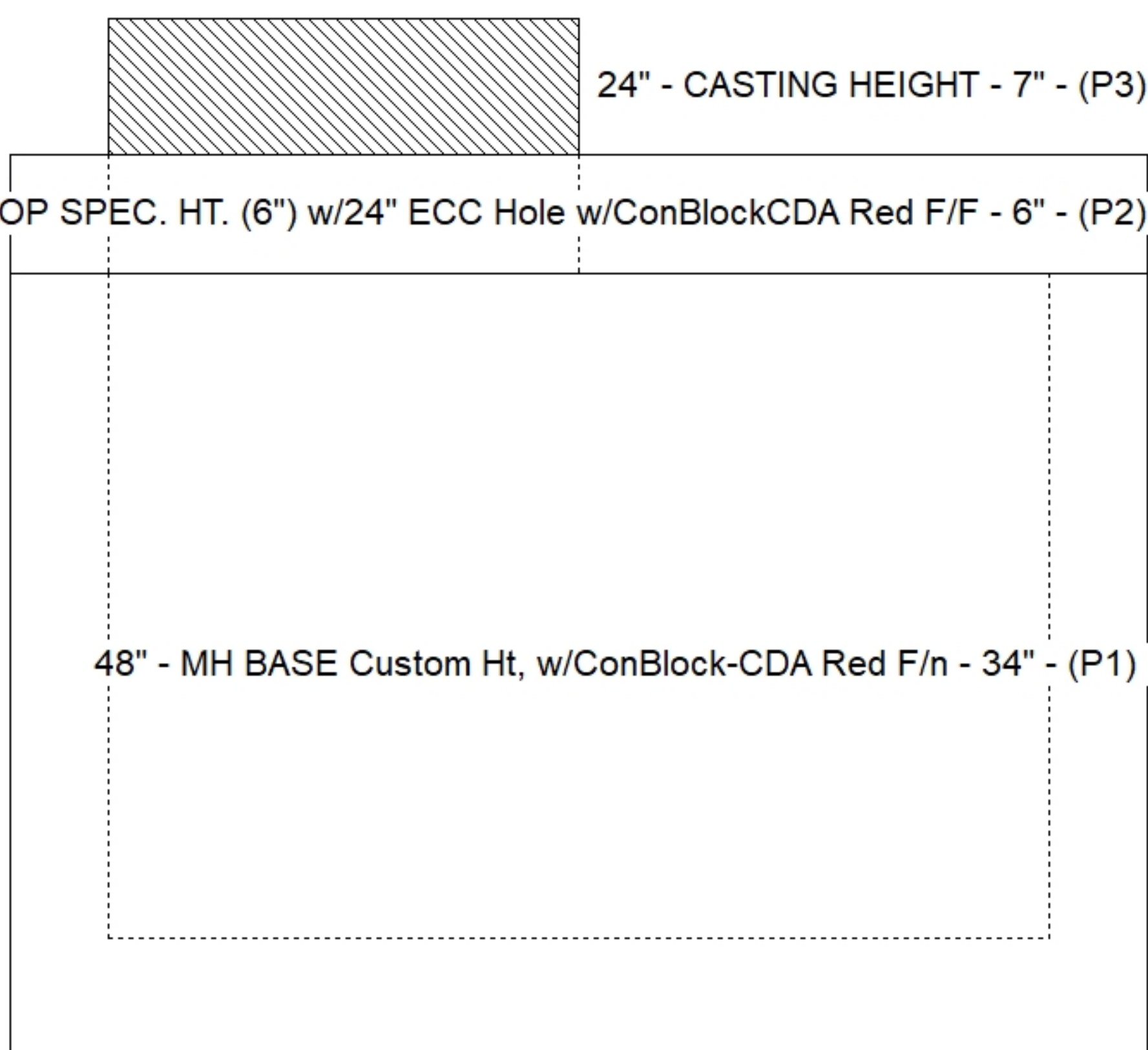
STRUCTURE SUMMARY:

P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - MH FLAT TOP SPEC. HT. (6") w/24" ECC Hole w/ConBlockCDA Red F/F - 6"	1102 lb
P1) 48" - MH BASE Custom Ht, w/ConBlock-CDA Red F/n - 34"	3642 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) ADMIXTURE CONBLOCK CDA RED	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) 48" - MH INVERT CHANNEL - FULL HEIGHT	1440 lb
1) 48" - Conseal CS-102 1.00" (Double)	0 lb
3) PSX - 8QRS-S NYLO	20 lb
Structure Total:	6204 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	460'							
Reducer								
Invert 1	456.24'	0°	4" PVC SDR26	4.25"	8"	PSX 8QRS-S NYLO	0"	P1
Invert 2	458'	235°	4" PVC SCH40	4.5"	8"	PSX 8QRS-S NYLO	21.125"	P1
Invert 3	456.34'	235°	4" PVC SCH40	4.5"	8"	PSX 8QRS-S NYLO	1.25"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
11/13/2025 3:35:24 PM

SUBMITTAL
APPROVED BY: