

Job Name: 25-3403A - MURRAY ART GUILD
Job Location: Murray, KY
Contractor: Sykes Family Farms, LLC.

PC: E. Bradley
 TECH: J. Horsley - F
 Plant: 100



Structure ID: **JB-C1**
 Spec: Storm
 Type: BX 6inW, 6inF
 Size: 24" x 24"

Rim: 503.3'
 Invert: 501.05'
 Rim to Invert: 2.25'

Sump: 1.25"
 Floor (Top): 500.946'
 Floor Height: 6"

Overall Height: 2.833'
 Slack: 0.25"

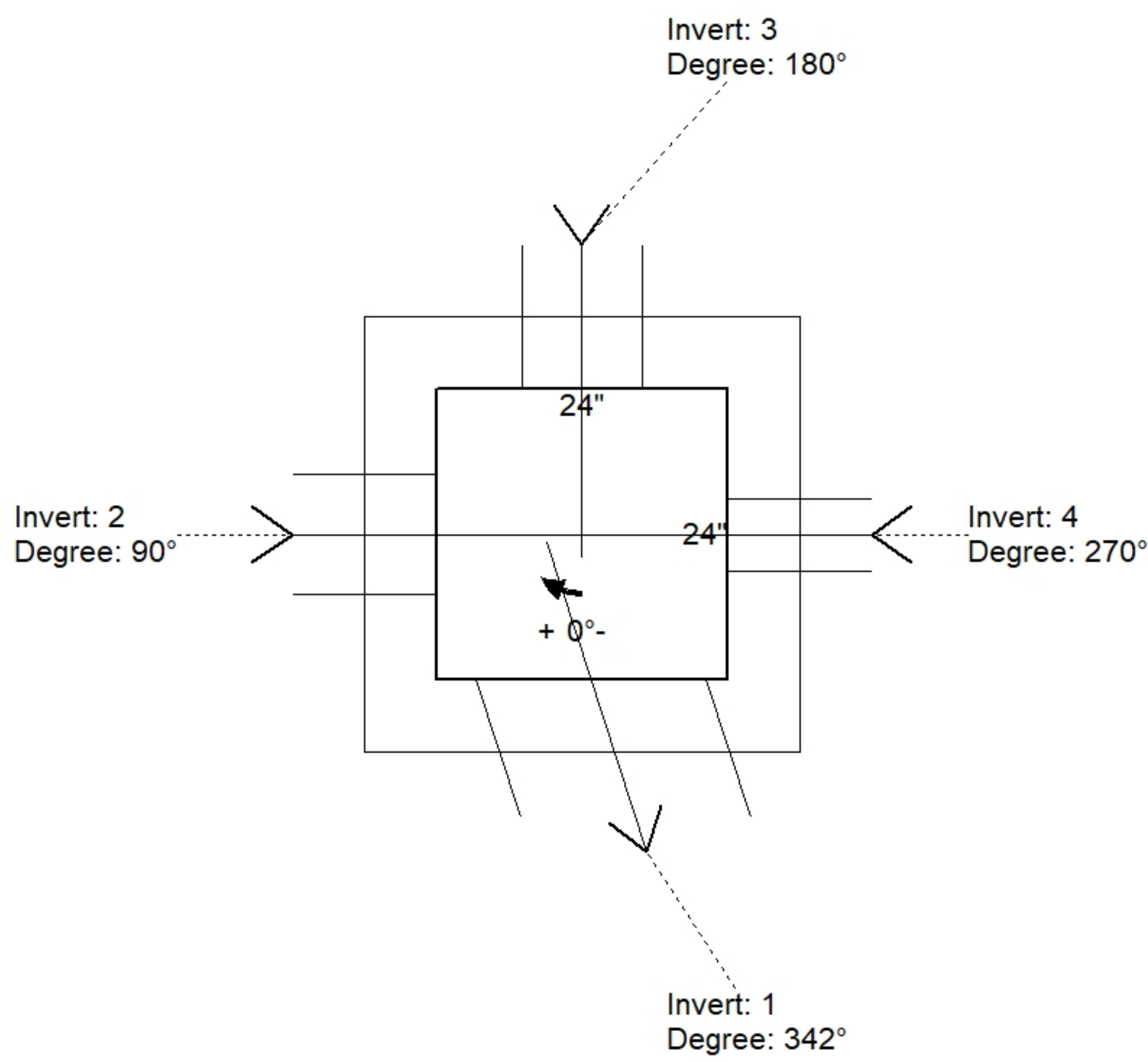
Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. CASTING BY I-CAST(HOE 280-C FRAME/SOLID COVER).

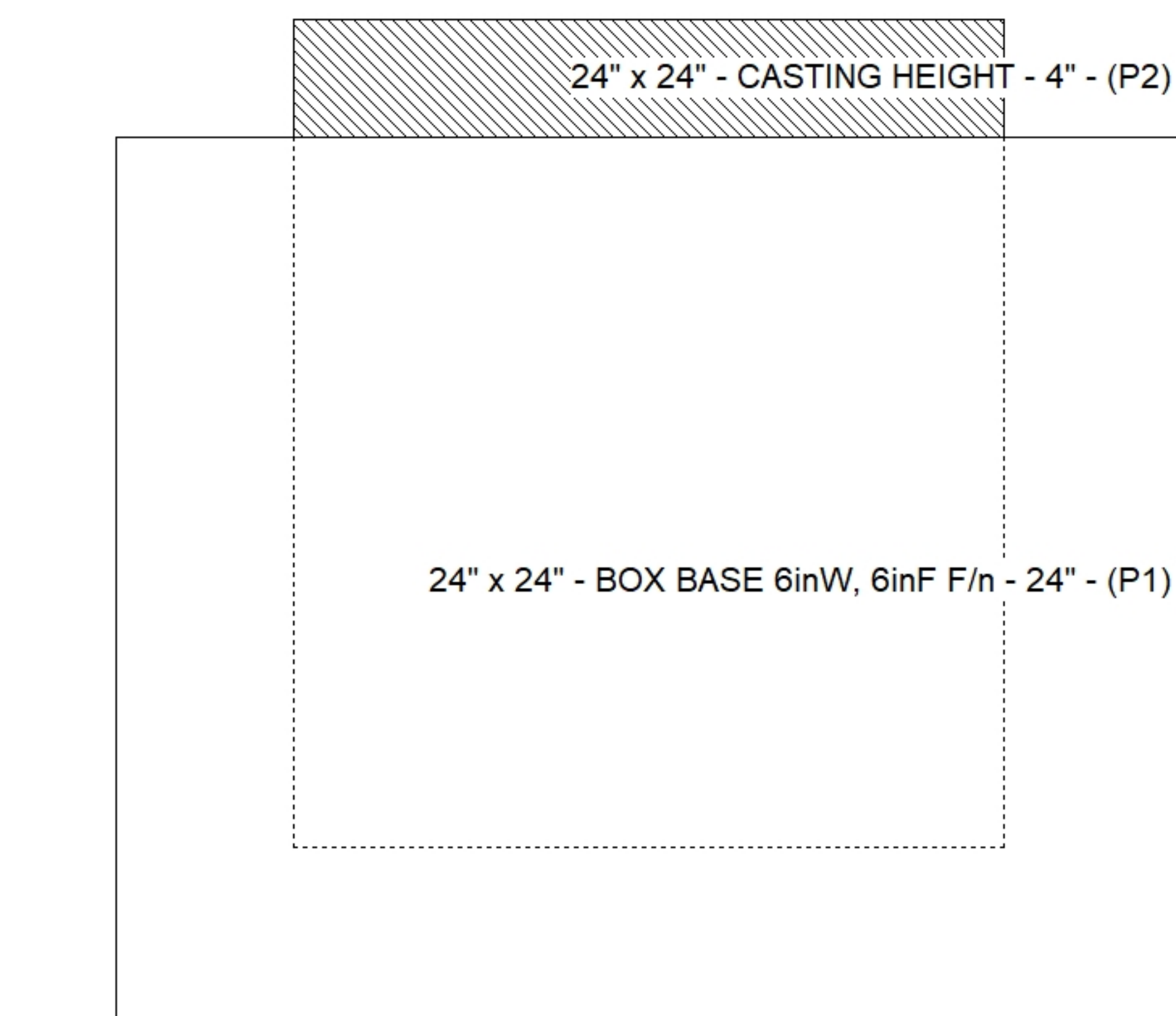
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

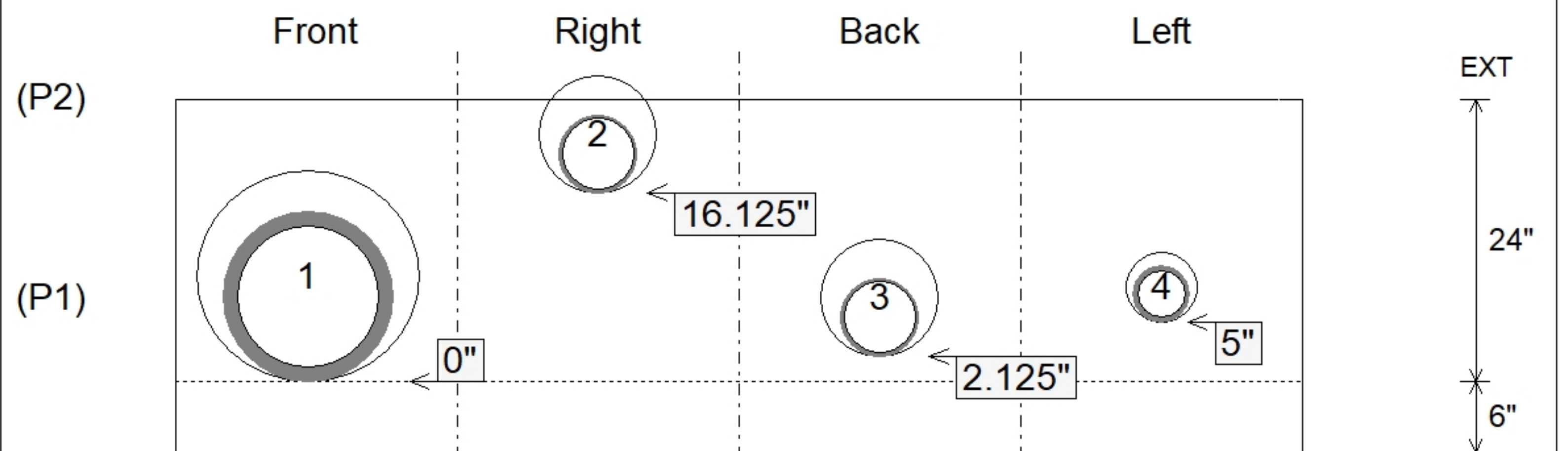
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|---|----------------|
| P2) 24" x 24" - CASTING HEIGHT - 4" | 0 lb |
| P1) 24" x 24" - BOX BASE 6inW, 6inF F/n - 24" | 1880 lb |
| 1) CASTING - HOE 280-C Frame/Solid Cover | 257 lb |
| 1) 24" x 24" - Conseal CS-102 1.00" | 0 lb |
| 1) Hole - 18 | 0 lb |
| 2) Hole - 10 | 0 lb |
| 1) Hole - 6 | 0 lb |
| Structure Total: | 2137 lb |



| Position | Elev | Angle | Ext. (cw) | Pipe | Hole | Connector | Up () | Ref |
|----------|---------|-------|-----------|---------------------|------|-----------|---------|-----|
| Rim | 503.3' | | | | | | | |
| Reducer | | | | | | | | |
| Invert 1 | 501.05' | 342° | 15.25" | 12" HDPE | 18" | Hole 18 | 0" | P1 |
| Invert 2 | 502.31' | 90° | 18" | 6" PVC SCH40 | 10" | Hole 10 | 16.125" | P1 |
| Invert 3 | 501.15' | 180° | 18" | 6" PVC SCH40 | 10" | Hole 10 | 2.125" | P1 |
| Invert 4 | 501.4' | 270° | 18" | 4" HDPE (perf pipe) | 6" | Hole 6 | 5" | P1 |
| Invert 5 | | | | | | | | |
| Invert 6 | | | | | | | | |
| Invert 7 | | | | | | | | |
| Invert 8 | | | | | | | | |



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 10/8/2025 8:08:10 AM

SUBMITTAL
 APPROVED BY: