

Job Name: 25-1664 Springfield WWTP
Job Location: Springfield, TN
Contractor: Smith Contractors, Inc.

PC: C. Goff
 TECH: J. Coppage
 Plant: Beaver Dam



Structure ID: **AD-3 1+87.21**
 Spec: Storm
 Type: BX 8inW, 8inF
 Size: 24" x 36"

Rim: 520.75'
 Invert: 514.95'
 Rim to Invert: 5.8'

Sump: 2.5"
 Floor (Top): 514.742'
 Floor Height: 8"

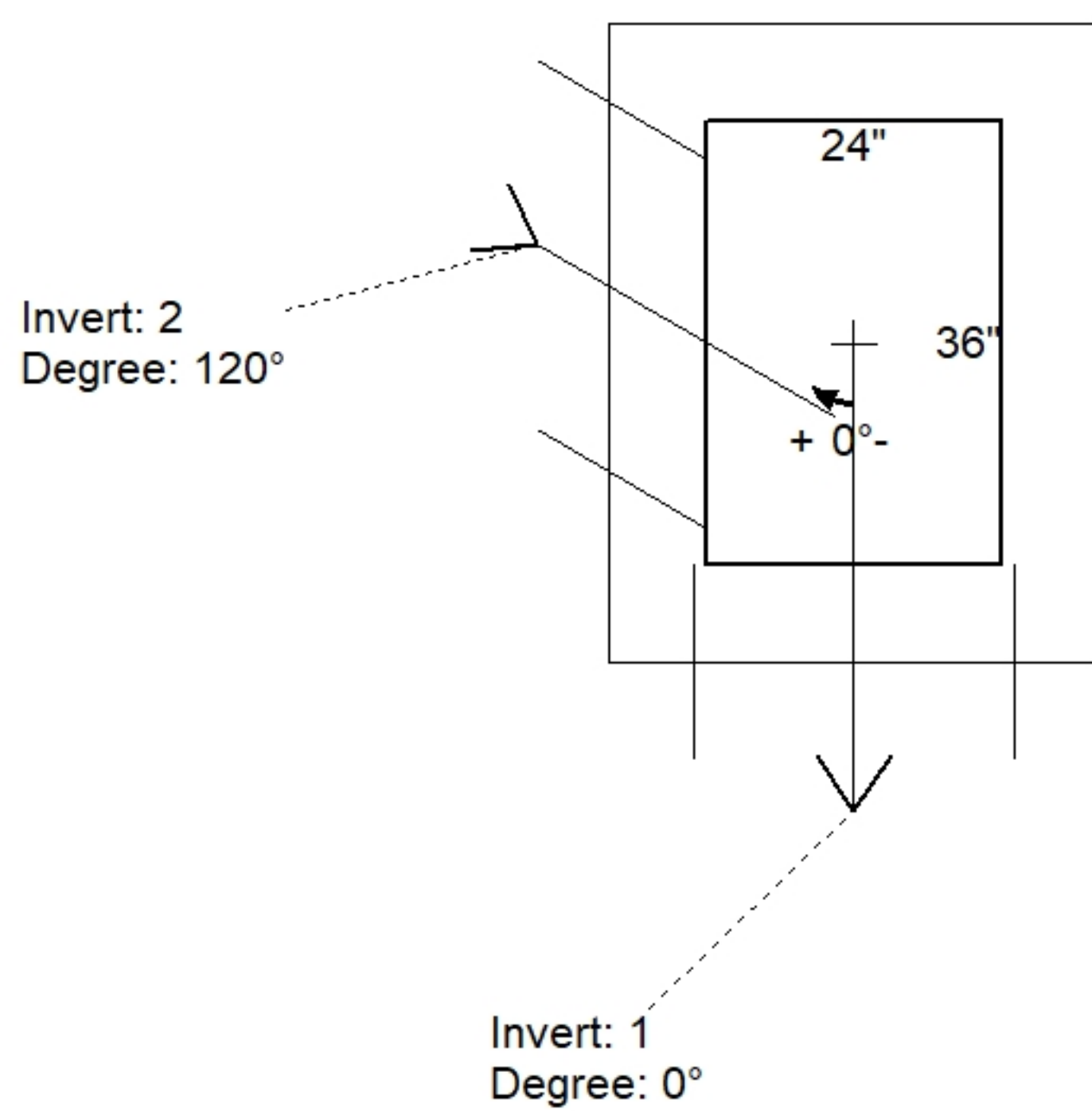
Floor (Bot): 514.075'
 Overall Height: 6.667'
 Slack: 0.1"

Structure Notes:

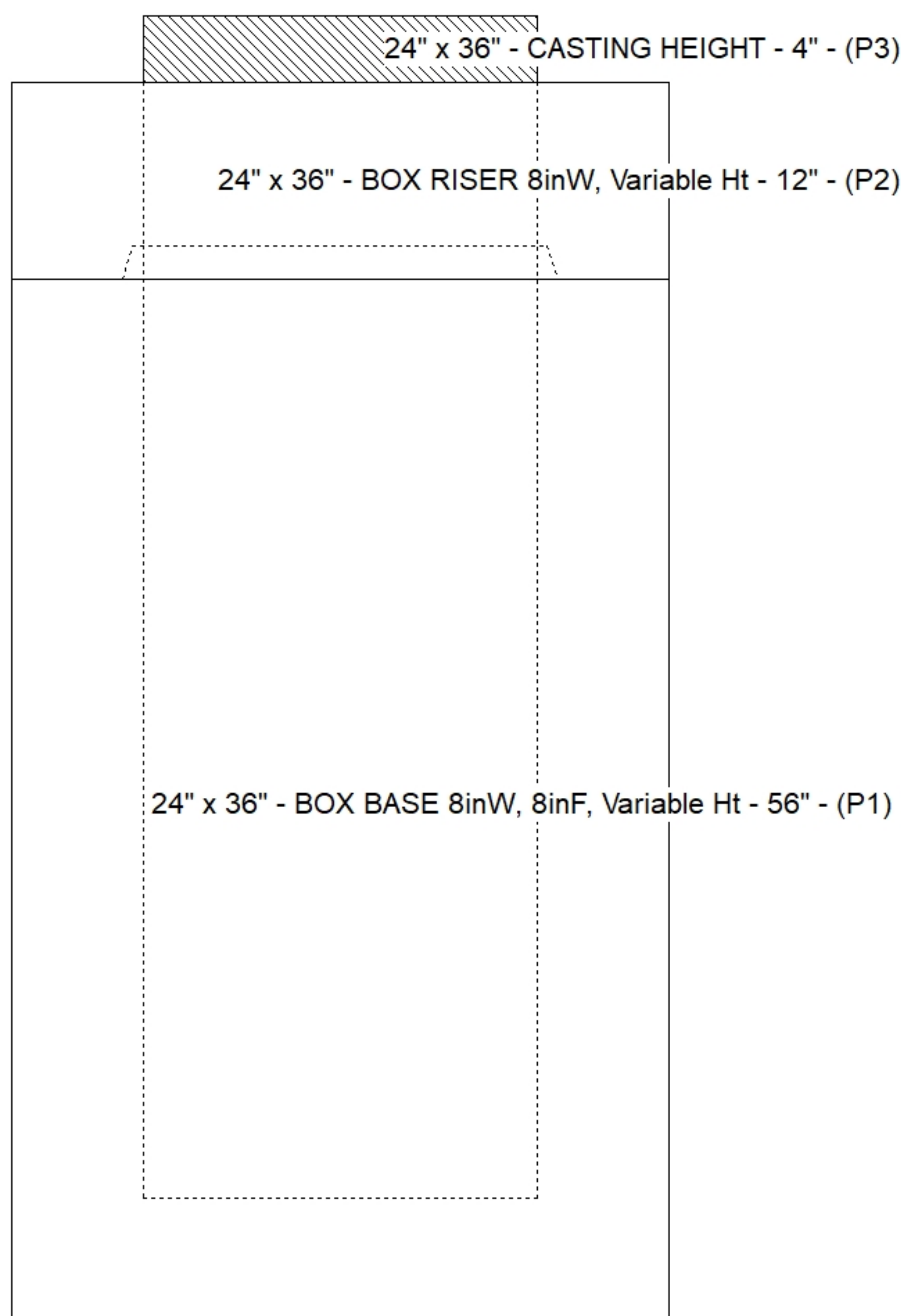
1. JBS-4254 PROVIDED BY ICAST.
2. PER ASTM C913 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

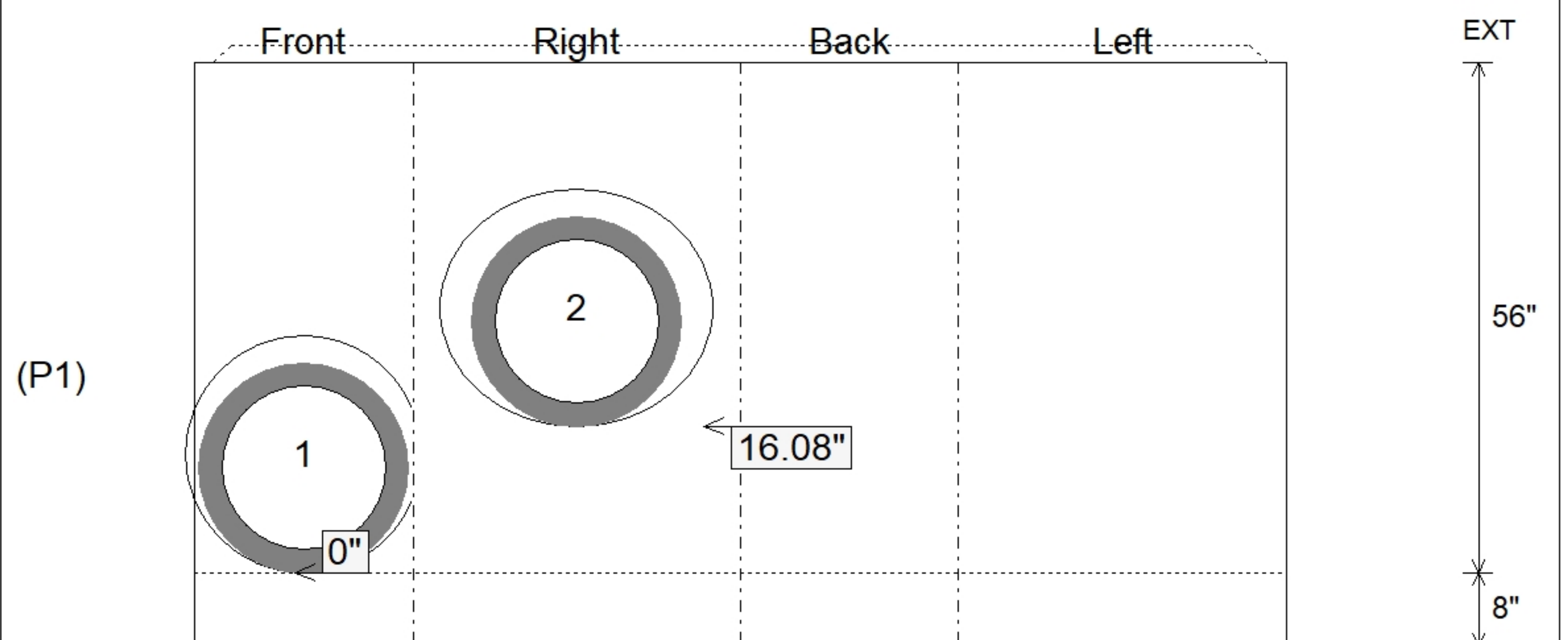
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|--|----------------|
| P3) 24" x 36" - CASTING HEIGHT - 4" | 0 lb |
| P2) 24" x 36" - BOX RISER 8inW, Variable Ht - 12" | 1224 lb |
| P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 56" | 6431 lb |
| 1) CASTING - JBS 4254 F/G | 500 lb |
| 2) 24" x 36" - Conseal CS-102 1.00" | 0 lb |
| 2) Hole - 26 | 0 lb |
| Structure Total: | 8156 lb |



| Position | Elev | Angle | Pipe | Pipe OD | Hole | Connector | Up (") | Ref |
|----------|---------|-------|----------------|---------|------|-----------|--------|-----|
| Rim | 520.75' | | | | | | | |
| Reducer | | | | | | | | |
| Invert 1 | 514.95' | 0° | 18" RCP B WALL | 23" | 26" | Hole 26 | 0" | P1 |
| Invert 2 | 516.29' | 120° | 18" RCP B WALL | 23" | 26" | Hole 26 | 16.08" | P1 |
| Invert 3 | | | | | | | | |
| Invert 4 | | | | | | | | |
| Invert 5 | | | | | | | | |
| Invert 6 | | | | | | | | |
| Invert 7 | | | | | | | | |
| Invert 8 | | | | | | | | |



Default - Interior Dimensions



Submittal Drawing
 12/10/2025 2:18:17 PM

SUBMITTAL
 APPROVED BY: