

Job Name: 25-1192 Geiger St. & 10th St. Reconstruction
Job Location: Huntingberg, IN
Contractor: Cooper Contracting

PC: E.Bradley
 TECH: C.Russ
 Plant: Beaver Dam



Structure ID: **CBI 118**
 Spec: Storm
 Type: BX 8inW, 8inF
 Size: 24" x 24"

Rim: 504.11'
 Invert: 500.89'
 Rim to Invert: 3.22'

Sump: 1.3"
 Floor (Top): 500.782'
 Floor Height: 8"

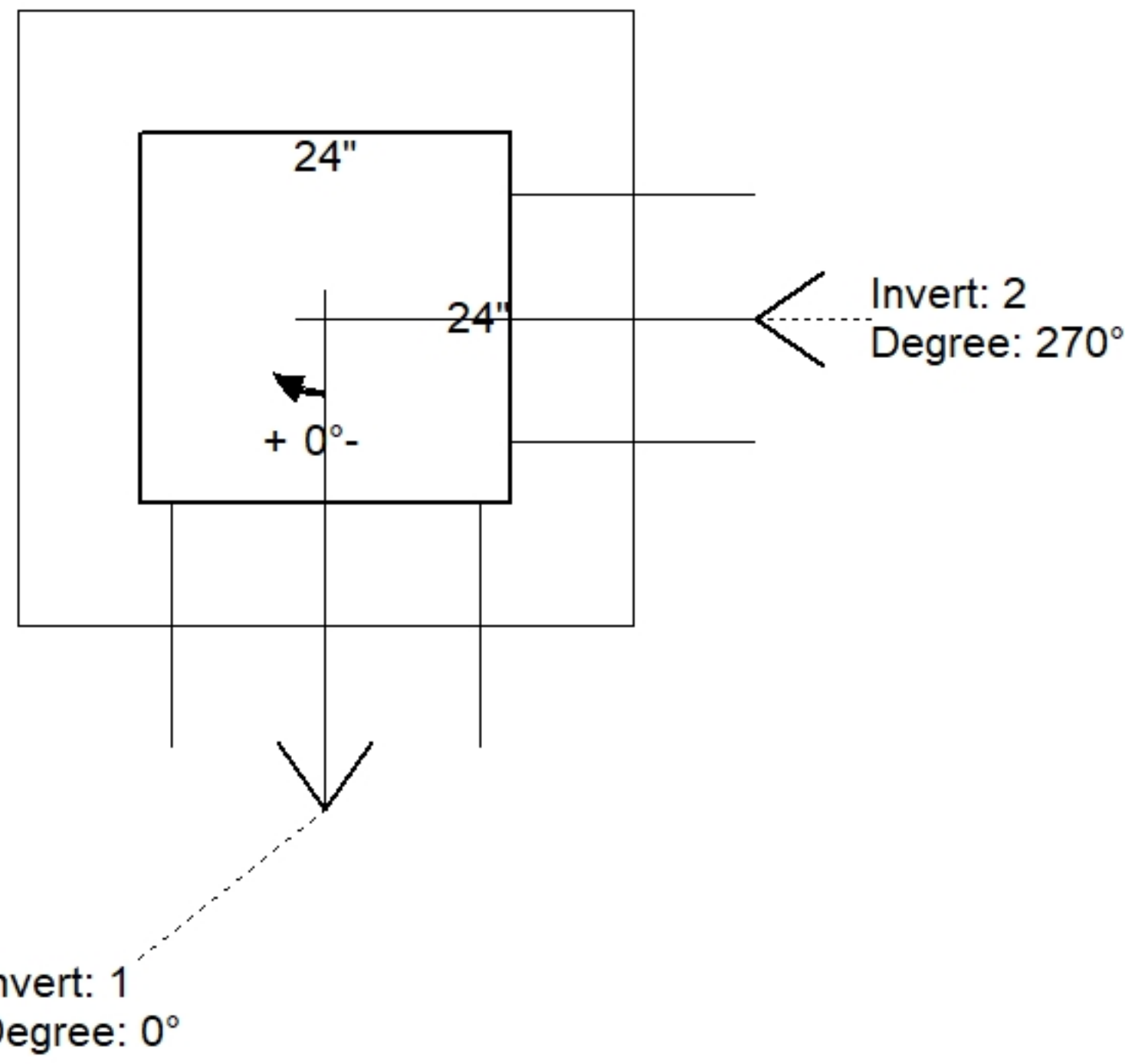
Floor (Bot): 500.115'
 Overall Height: 3.979'
 Slack: 0.19"

Structure Notes:

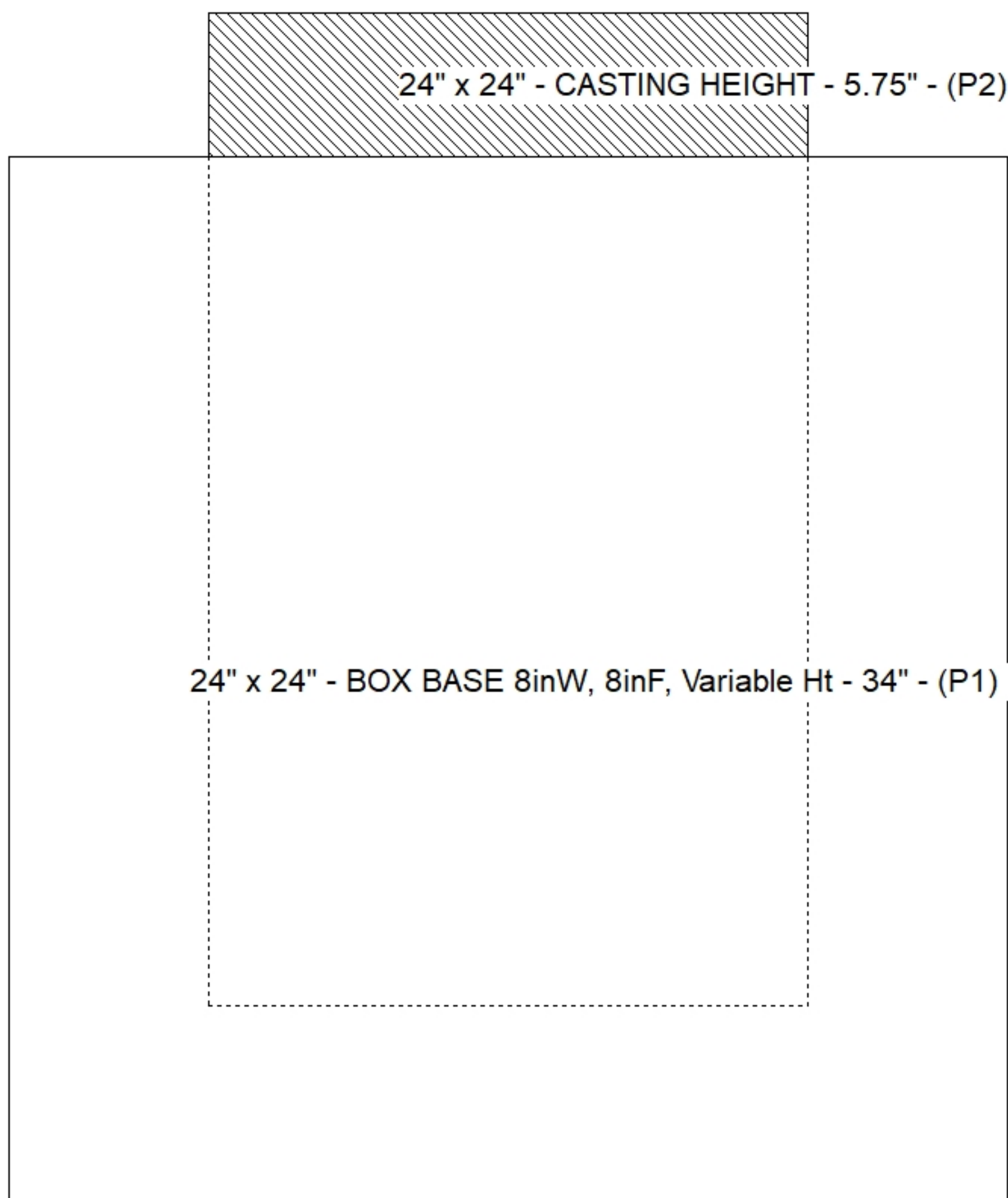
1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY OTHERS
5. REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

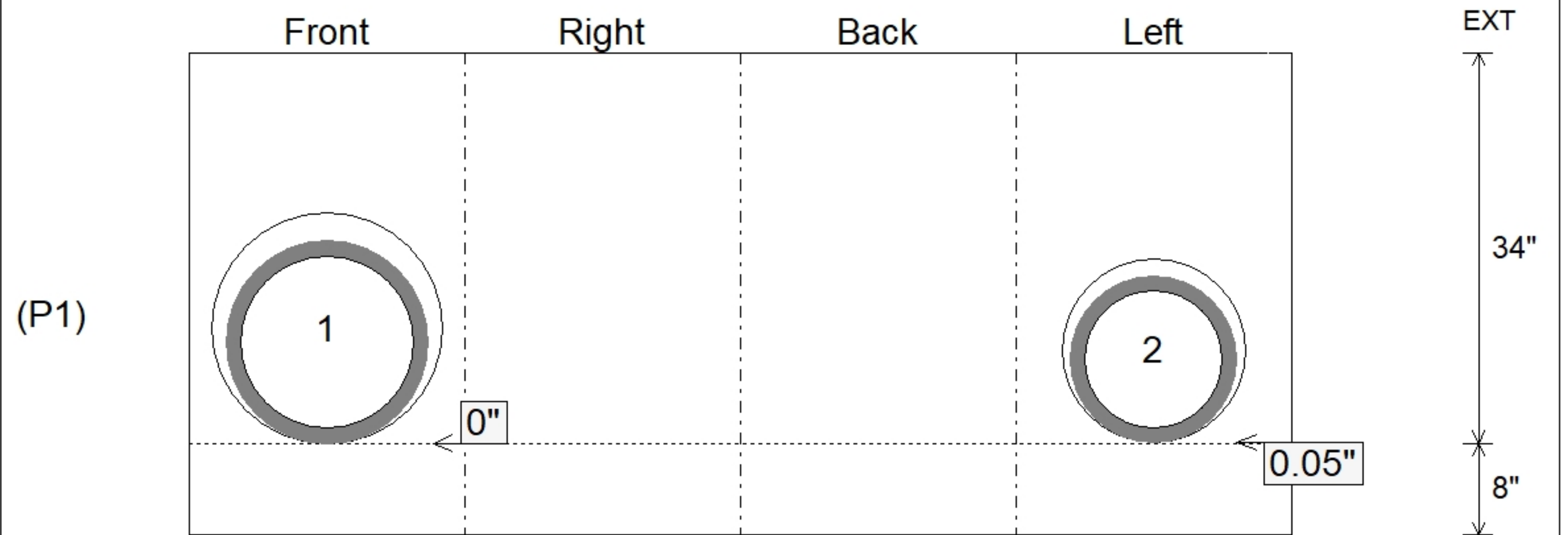
P2) 24" x 24" - CASTING HEIGHT - 5.75" 0 lb
 P1) 24" x 24" - BOX BASE 8inW, 8inF, Variable Ht - 34" 3650 lb
 1) 24" x 24" - SGL 1"x14.5' Butyl 0 lb
 1) Hole - 20 0 lb
 1) Hole - 16 0 lb
 Structure Total: 3650 lb



| Position | Elev | Angle | Pipe | Pipe OD | Hole | Connector | Up () | Ref |
|----------|---------|-------|----------|---------|------|-----------|--------|-----|
| Rim | 504.11' | | | | | | | |
| Reducer | | | | | | | | |
| Invert 1 | 500.89' | 0° | 15" HDPE | 17.6" | 20" | Hole 20 | 0" | P1 |
| Invert 2 | 500.89' | 270° | 12" HDPE | 14.5" | 16" | Hole 16 | 0.05" | P1 |
| Invert 3 | | | | | | | | |
| Invert 4 | | | | | | | | |
| Invert 5 | | | | | | | | |
| Invert 6 | | | | | | | | |
| Invert 7 | | | | | | | | |
| Invert 8 | | | | | | | | |



Default - Interior Dimensions



Submittal Drawing
 10/7/2025 10:21:40 AM

SUBMITTAL
 APPROVED BY: