

Job Name: 25-3657 Yorktown Subdivision
Job Location: Madisonville, KY
Contractor: Gaston Engineering

PC: Erica Bradley
 TECH: J.Horsley - A
 Plant: 100



Structure ID: 5
 Spec: KYTC
 Type: CBI TYPE F
 Size: 24" x 24"

Rim: 432.8'
 Invert: 429.38'
 Rim to Invert: 3.42'

Sump: 0"
 Floor (Top): 429.38'
 Floor Height: 8"

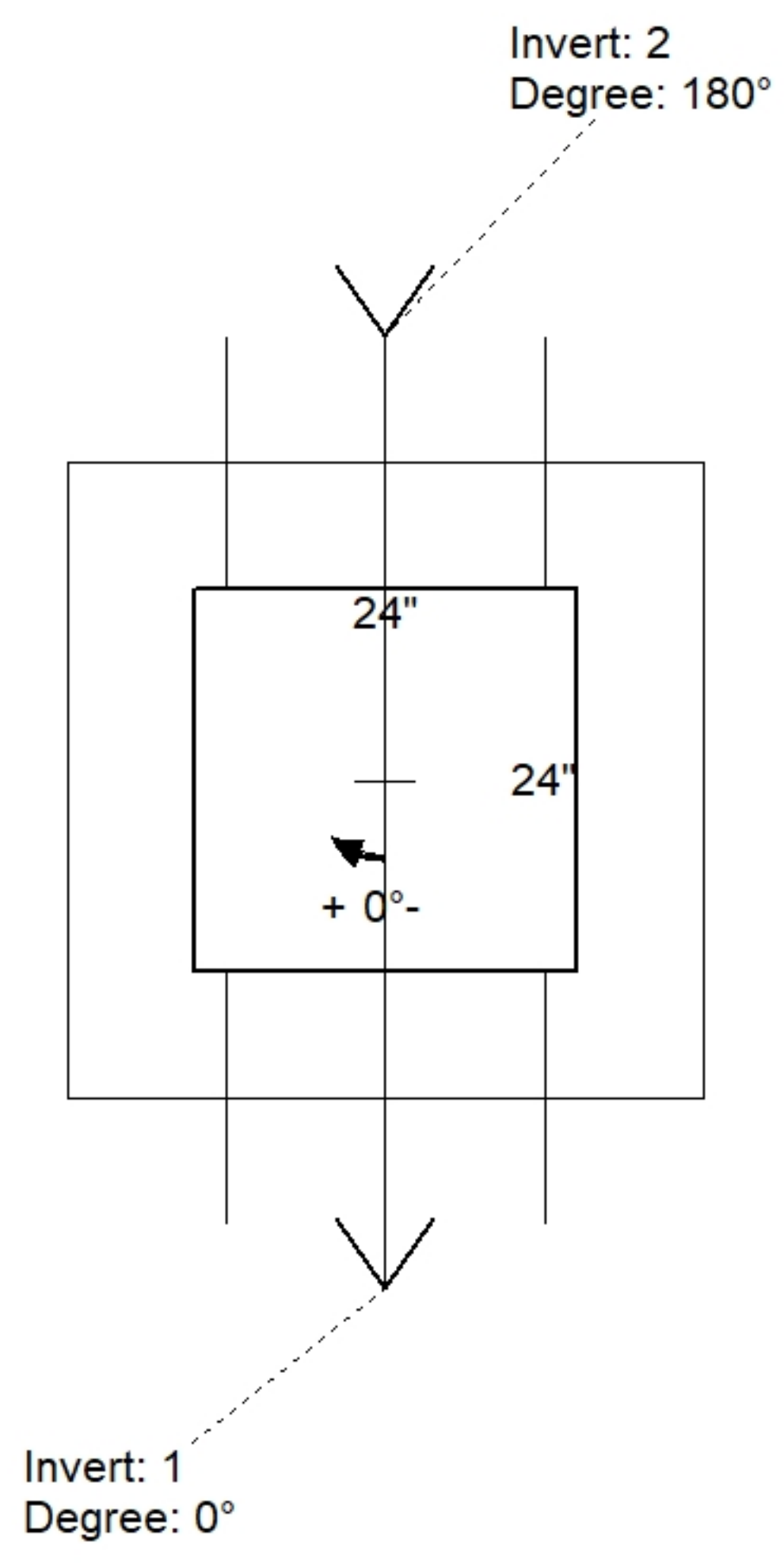
Floor (Bot): 428.713'
 Overall Height: 4.083'
 Slack: 0.04"

Structure Notes:
 KYTC STATE PROJECT
 1. CASTING: HOE KY-465 PROVIDED BY ICAST
 2. KYTC CBI TYPE F / ASTM C913 SPECIFICATIONS.
 3. CONCRETE = 4,000 PSI AT 28 DAYS.
 4. NO INVERT CHANNEL.
 5. NO STEPS.

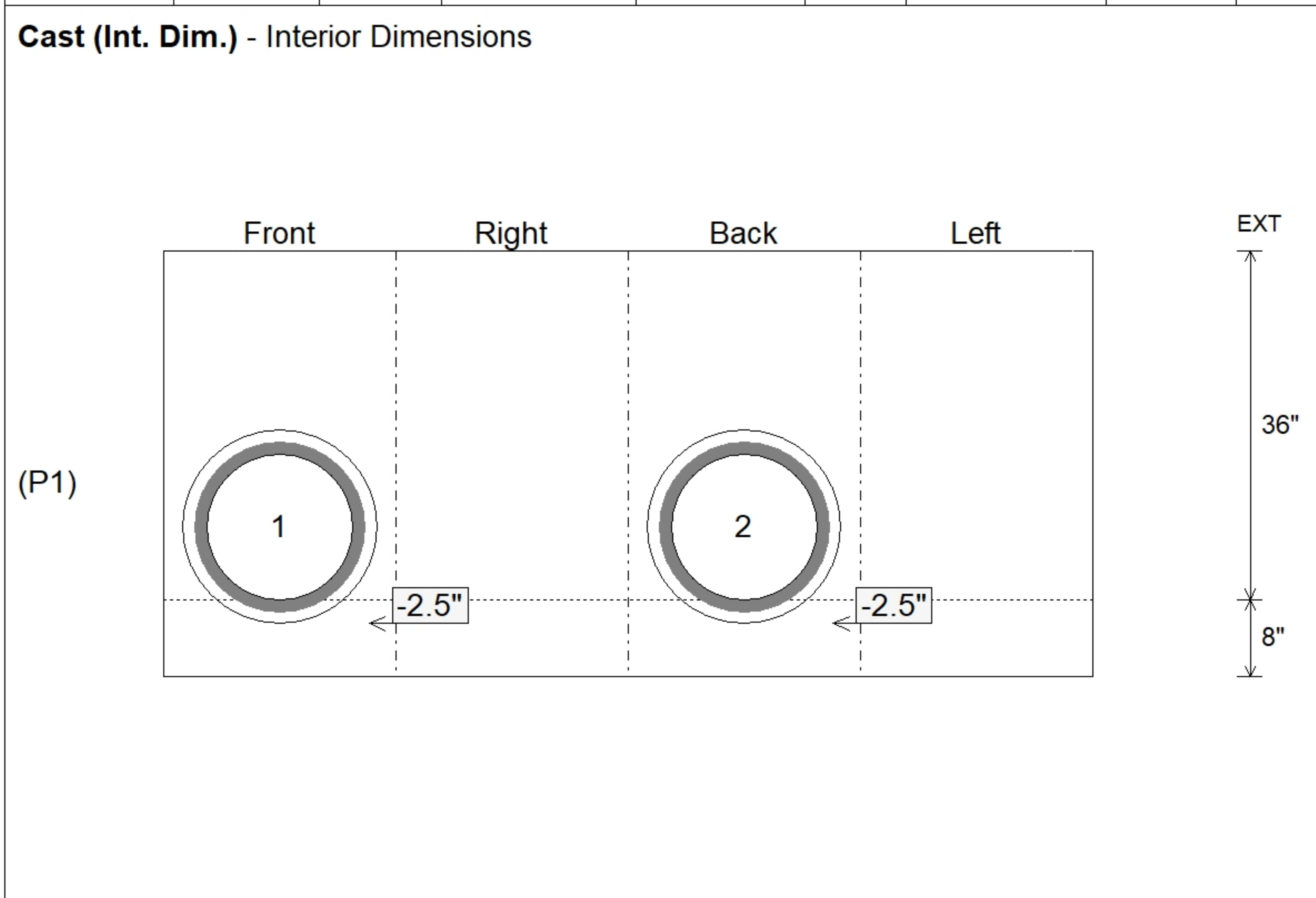
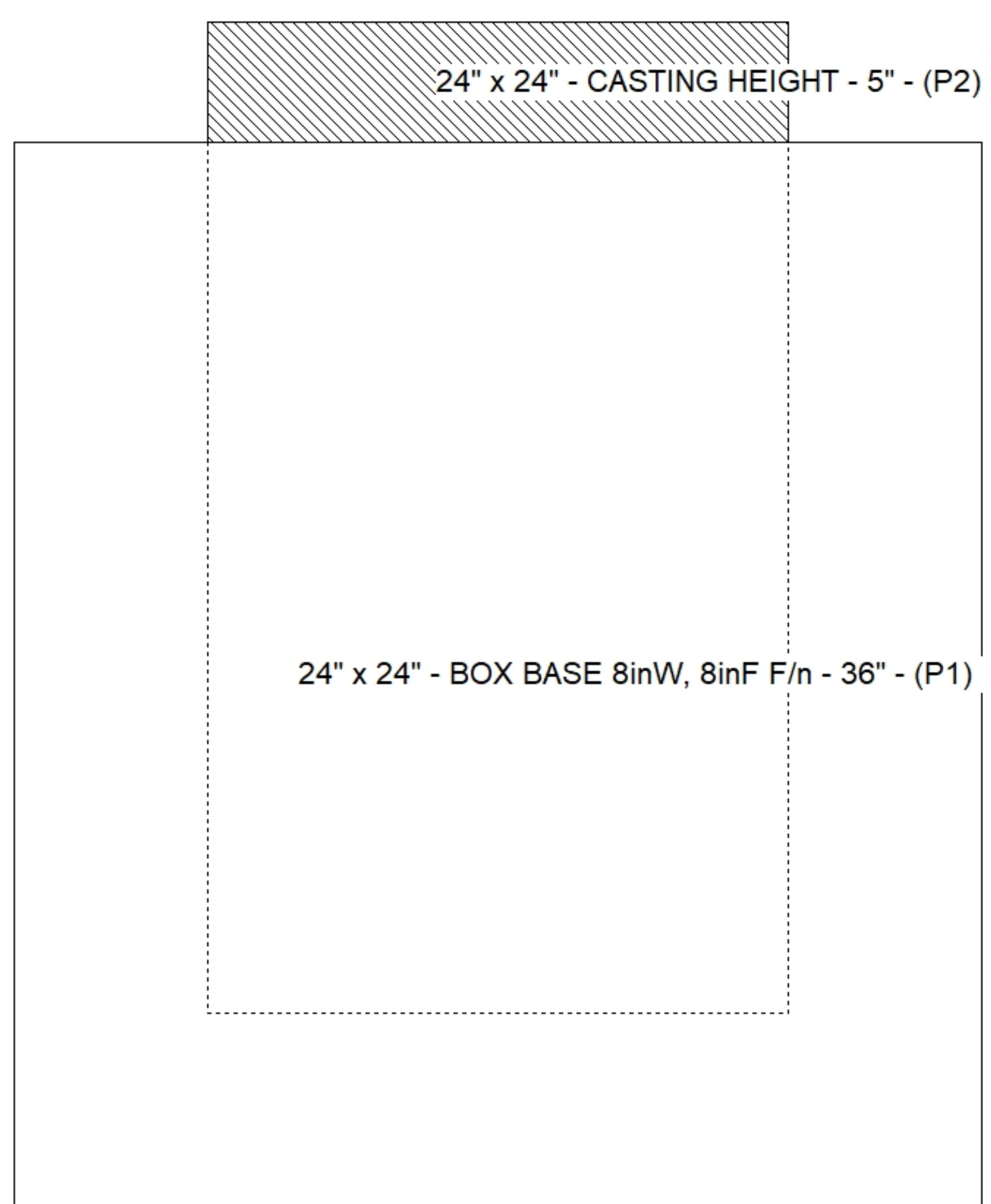
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

| | |
|---|----------------|
| P2) 24" x 24" - CASTING HEIGHT - 5" | 0 lb |
| P1) 24" x 24" - BOX BASE 8inW, 8inF F/n - 36" | 3746 lb |
| 1) CASTING - HOE KY-465 SET (CBI TY F) | 465 lb |
| 1) 24" x 24" - Conseal CS-102 1.00" | 0 lb |
| 2) Hole - 20 | 0 lb |
| Structure Total: | 4211 lb |



| Position | Elev | Angle | Pipe | Pipe OD | Hole | Connector | Up () | Ref |
|----------|---------|-------|----------|---------|------|-----------|--------|-----|
| Rim | 432.8' | | | | | | | |
| Reducer | | | | | | | | |
| Invert 1 | 429.38' | 0° | 15" HDPE | 17.6" | 20" | Hole 20 | -2.5" | P1 |
| Invert 2 | 429.38' | 180° | 15" HDPE | 17.6" | 20" | Hole 20 | -2.5" | P1 |
| Invert 3 | | | | | | | | |
| Invert 4 | | | | | | | | |
| Invert 5 | | | | | | | | |
| Invert 6 | | | | | | | | |
| Invert 7 | | | | | | | | |
| Invert 8 | | | | | | | | |



Submittal Drawing
 11/18/2025 3:14:14 PM

SUBMITTAL
 APPROVED BY: