

Job Name: 23-1914 - KYTC Daviess County ID 231032
Job Location: Owensboro, KY 42701
Contractor: Mick-Murf Construction Inc.

PC: C. Goff
 TECH: J. Horsley
 Plant: 100



Structure ID: **105 (DBI-16G)**
 Spec: KYTC
 Type: DBI TYPE 16G private
 Size: 24" x 30"

Rim: 424.96'
 Invert: 419.96'
 Rim to Invert: 5'

Sump: 0"
 Floor (Top): 419.96'
 Floor Height: 8"

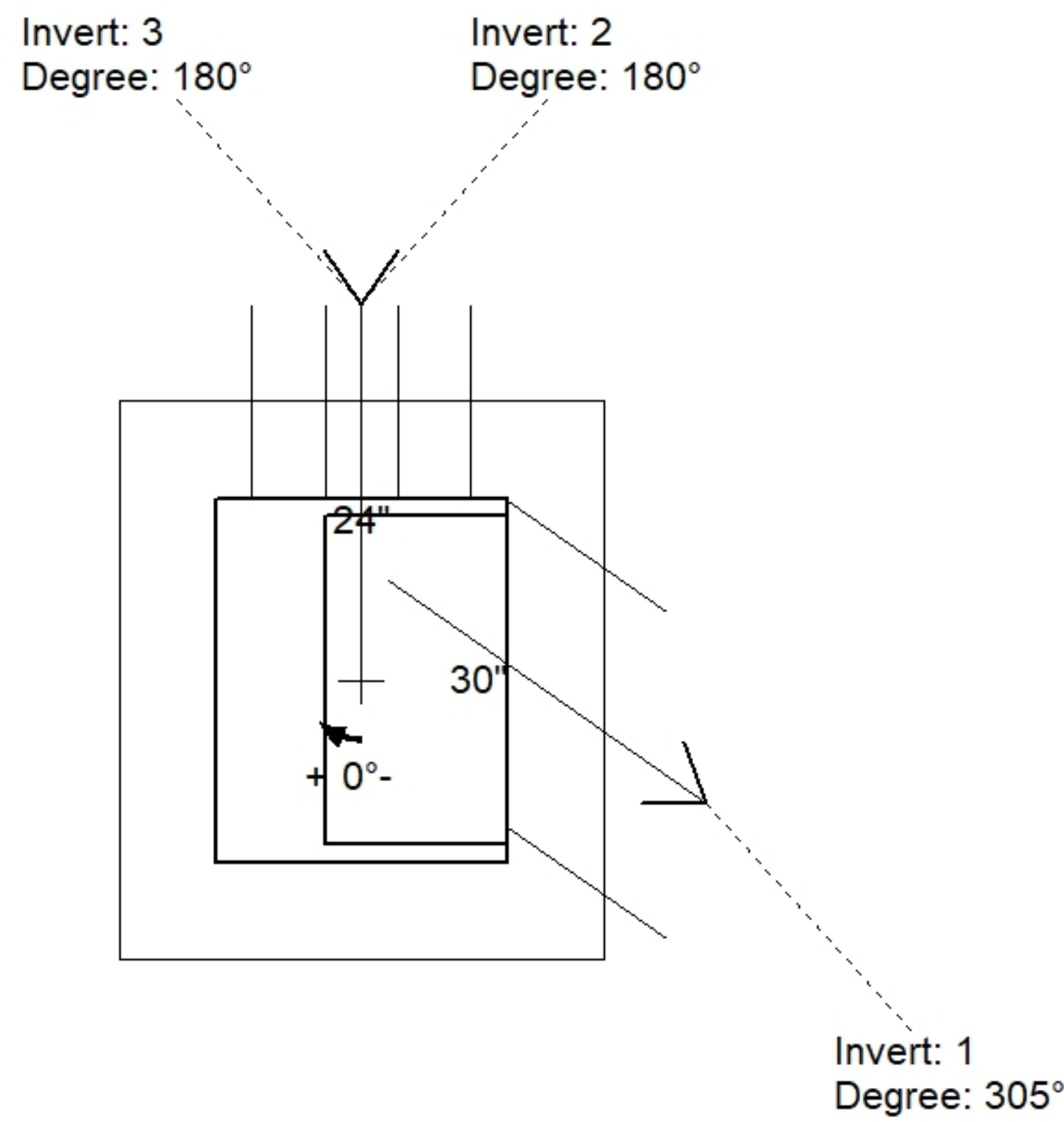
Floor (Bot): 419.293'
 Overall Height: 5.5'
 Slack: 2"

Structure Notes:

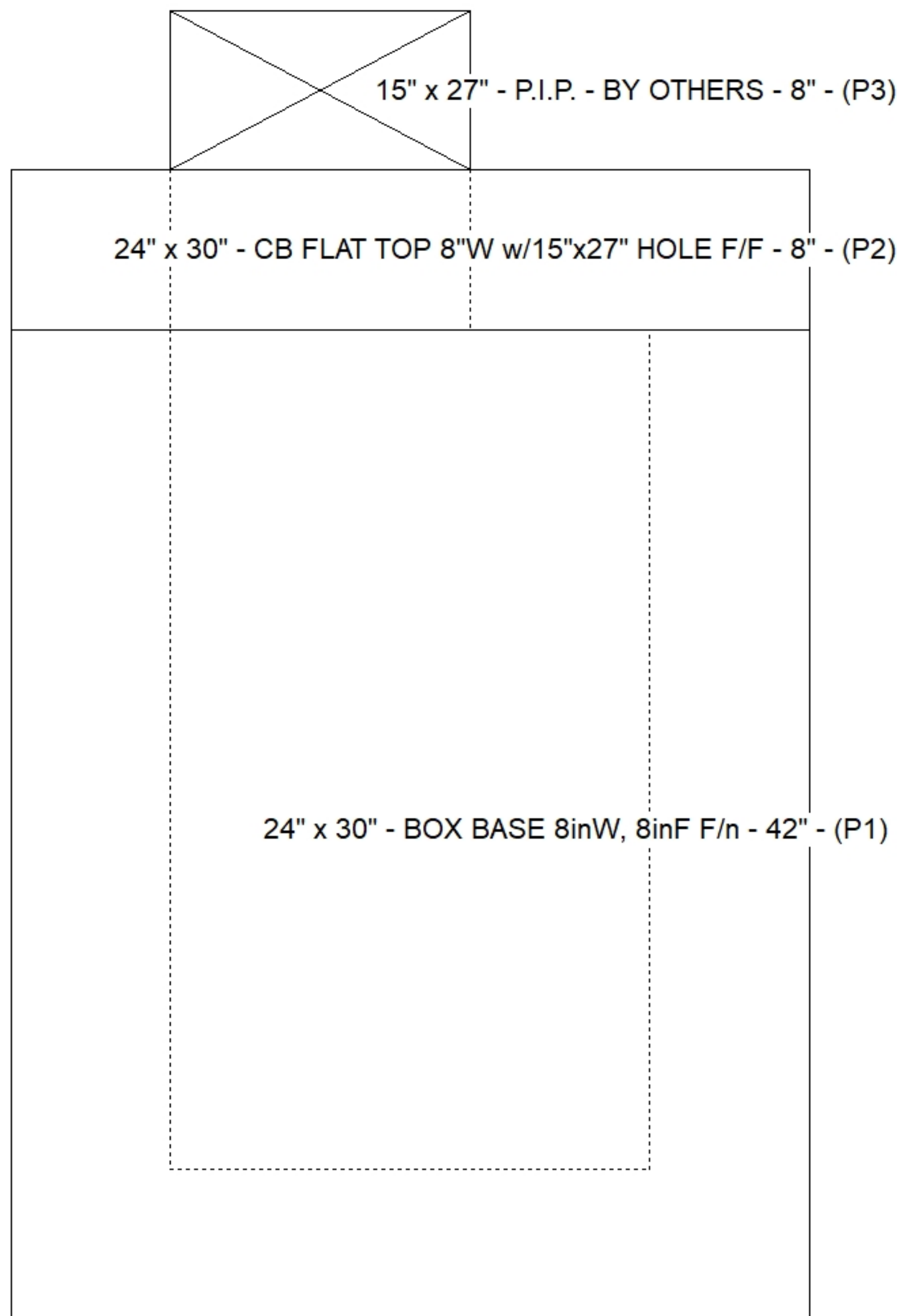
- **KYTC STATE PROJECT****
1. KYTC DBI TYPE 13G / ASTM C-913 SPEC'S.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO STEPSS & NO INVERT CHANNEL.
 4. HOE KY-230G (DBI-13G F/G) BY OTHERS.
 5. STUB #5 BARS 6" OUT TOP OF TOP SLAB SPA AT 12" C/C AROUND 15X27 HOLE
- REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W. (DBL MAT).
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

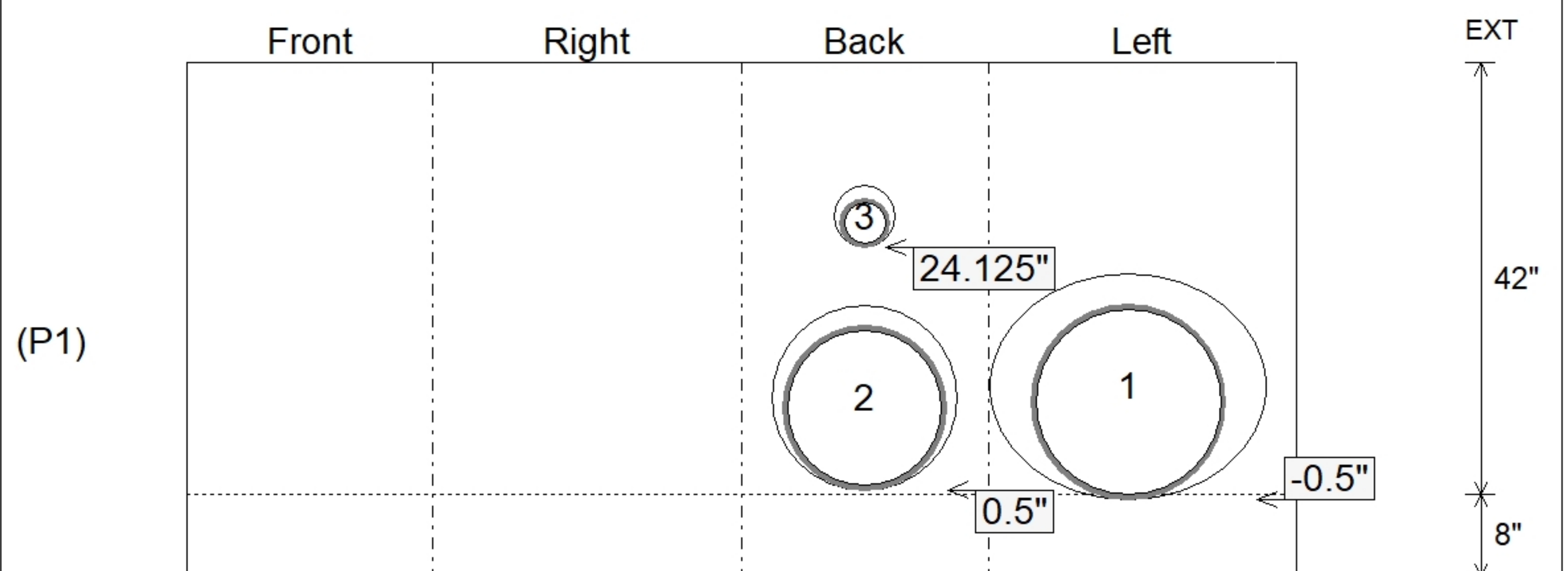
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|---|----------------|
| P3) 15" x 27" - P.I.P. - BY OTHERS - 8" | 0 lb |
| P2) 24" x 30" - CB FLAT TOP 8"W w/15"x27" HOLE F/F - 8" | 963 lb |
| P1) 24" x 30" - BOX BASE 8inW, 8inF F/n - 42" | 4681 lb |
| 1) 24" x 30" - Conseal CS-102 1.00" | 0 lb |
| 1) 15" x 27" - Conseal CS-102 1.00" | 0 lb |
| 1) Hole - 22 | 0 lb |
| 1) Hole - 18 | 0 lb |
| 1) Hole - 6 | 0 lb |
| Structure Total: | 5644 lb |



| Position | Elev | Angle | Pipe | Pipe OD | Hole | Connector | Up (") | Ref |
|----------|---------|-------|---------------------|---------|------|-----------|---------|-----|
| Rim | 424.96' | | | | | | | |
| Reducer | | | | | | | | |
| Invert 1 | 419.96' | 305° | 18" CMP | 19" | 22" | Hole 22 | -0.5" | P1 |
| Invert 2 | 420.04' | 180° | 15" CMP | 16" | 18" | Hole 18 | 0.5" | P1 |
| Invert 3 | 422' | 180° | 4" HDPE (perf pipe) | 4.8" | 6" | Hole 6 | 24.125" | P1 |
| Invert 4 | | | | | | | | |
| Invert 5 | | | | | | | | |
| Invert 6 | | | | | | | | |
| Invert 7 | | | | | | | | |
| Invert 8 | | | | | | | | |



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 1/8/2026 10:13:28 AM

SUBMITTAL
 APPROVED BY: