

Job Name: 25-1511 Halfhill Estates Ph.3
Job Location: Nicholasville, KY
Contractor: Perdue Environmental Contracting Co., Inc.

PC: J. Jarvis
 TECH: J. Horsley
 Plant: Beaver Dam



Structure ID: **CBI 1904**
 Spec: KYTC
 Type: CBI TYPE A (10')
 Size: 36" x 36"

Rim: 884.57'
 Invert: 876.27'
 Rim to Invert: 8.3'

Sump: 0"
 Floor (Top): 876.27'
 Floor Height: 8"

Floor (Bot): 875.603'
 Overall Height: 8.917'
 Slack: 0.6"

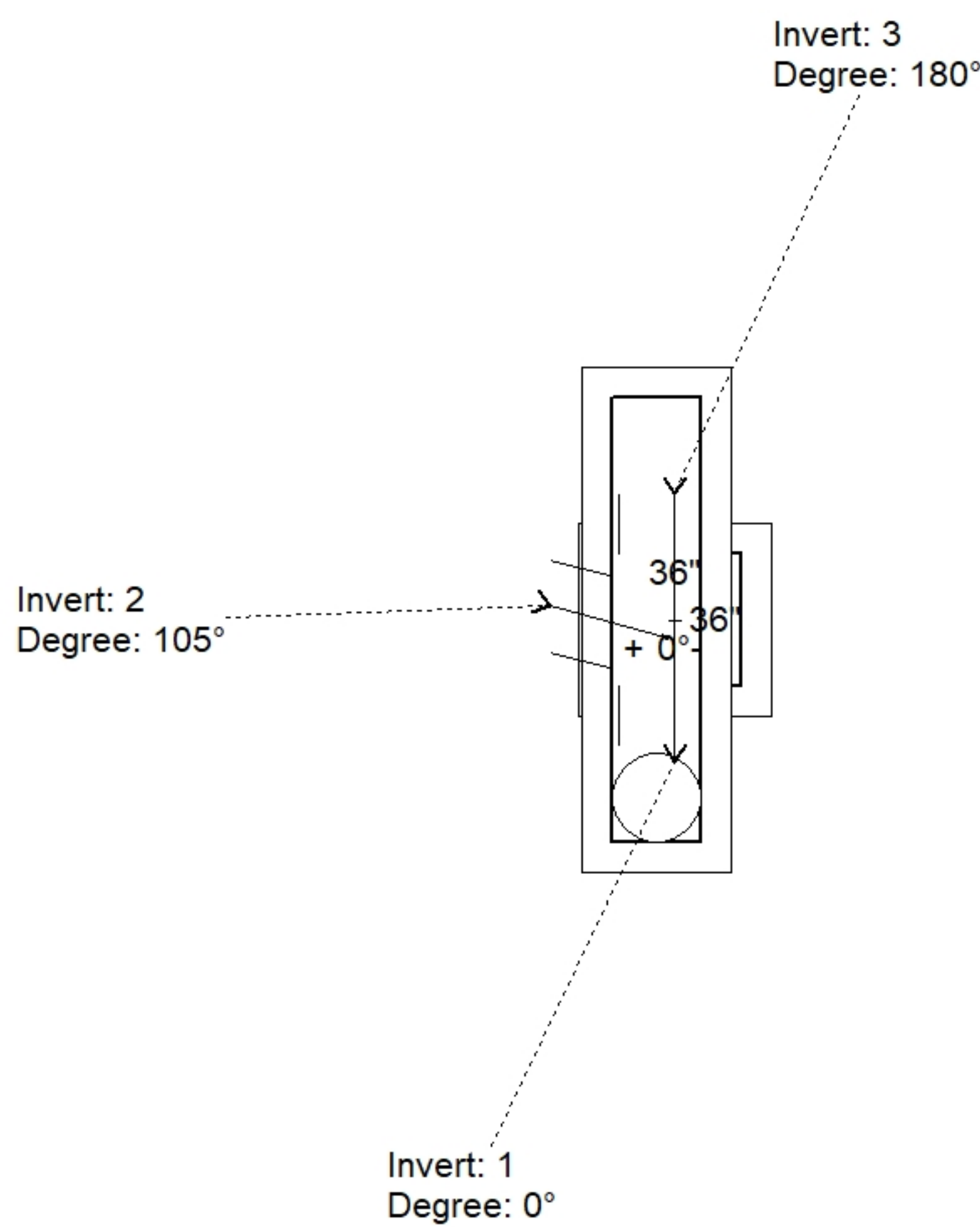
Structure Notes:

- ** KYTC STATE PROJECT **
- PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
 - CONCRETE = 4,000 PI AT 28 DAYS.
 - NO INVERT CHANNEL.
 - CASTING BY ICAST (HOE KY-206 KY TY.1 F/C) CAST INTO TOP SLAB.

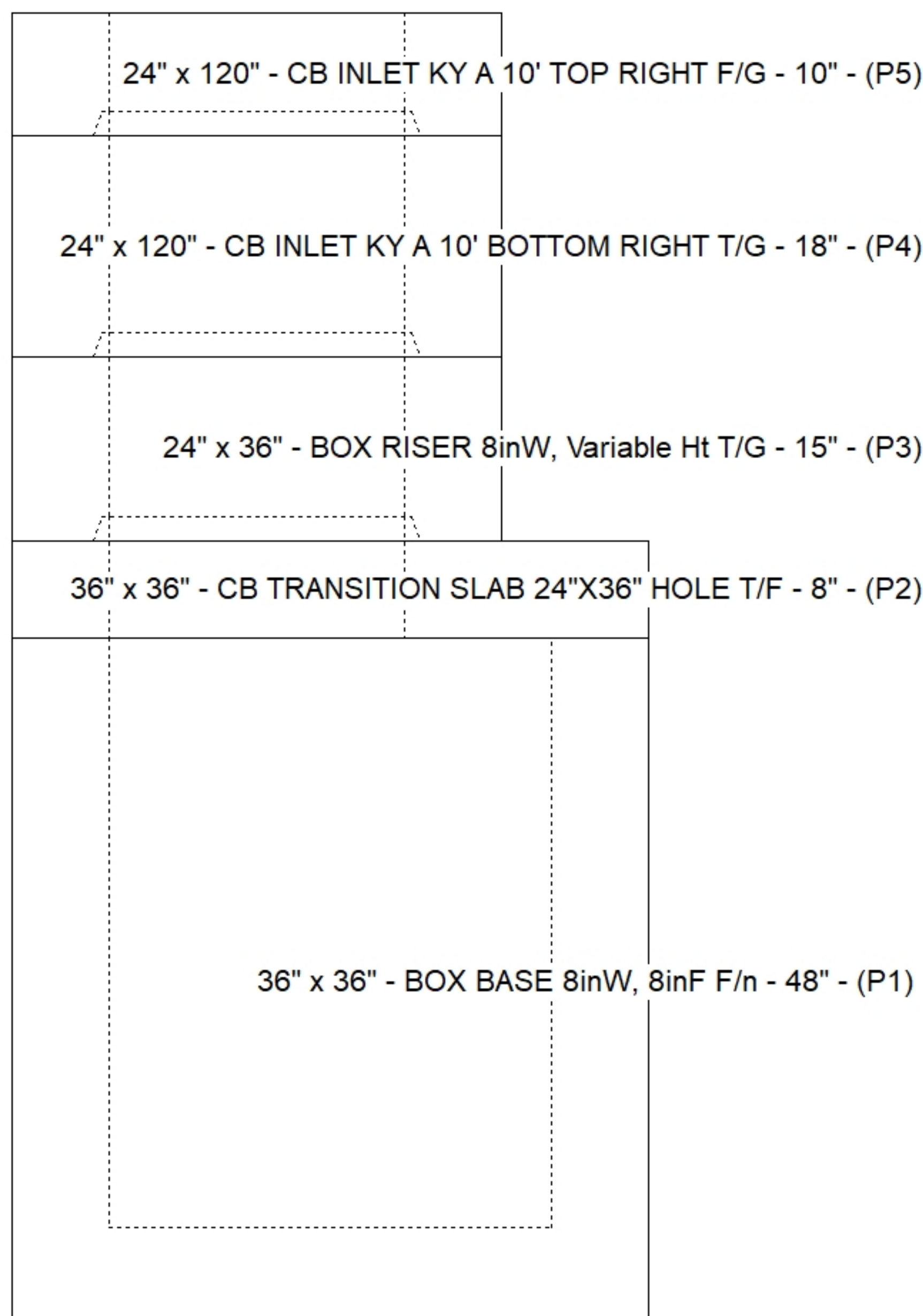
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
 - TRANS. SLAB (As .62) #5 BARS AT 6" C.C.E.W. (DBL MAT)
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

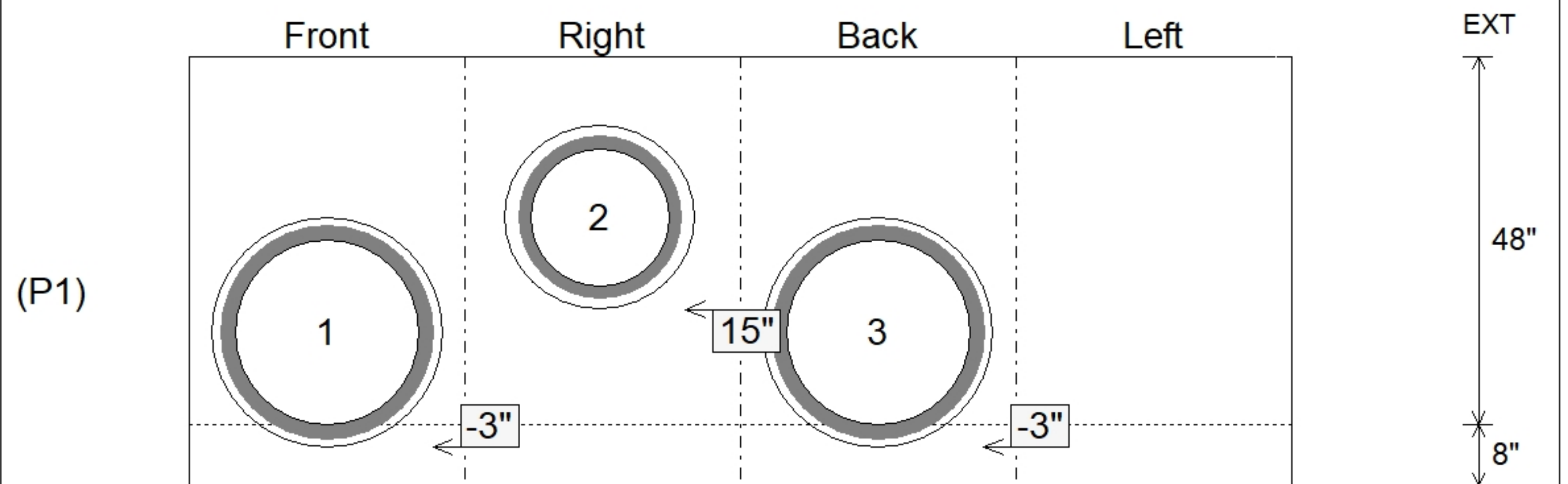
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|---|-----------------|
| P5) 24" x 120" - CB INLET KY A 10' TOP RIGHT F/G - 10" | 3398 lb |
| P4) 24" x 120" - CB INLET KY A 10' BOTTOM RIGHT T/G - 18" | 5270 lb |
| P3) 24" x 36" - BOX RISER 8inW, Variable Ht T/G - 15" | 1531 lb |
| P2) 36" x 36" - CB TRANSITION SLAB 24"X36" HOLE T/F - 8" | 1235 lb |
| P1) 36" x 36" - BOX BASE 8inW, 8inF F/n - 48" | 6223 lb |
| 1) CASTING - HOE KY-206 F/C (KY TY1) | 206 lb |
| 1) 36" x 36" - Conseal CS-102 1.00" | 0 lb |
| 2) 24" x 36" - Conseal CS-102 1.00" | 0 lb |
| 2) Hole - 30 | 0 lb |
| 1) Hole - 24 | 0 lb |
| Structure Total: | 17862 lb |



| Position | Elev | Angle | Pipe | Pipe OD | Hole | Connector | Up () | Ref |
|----------|---------|-------|----------|---------|------|-----------|--------|-----|
| Rim | 884.57' | | | | | | | |
| Reducer | 880.27' | | | | | | | |
| Invert 1 | 876.27' | 0° | 24" HDPE | 27.8" | 30" | Hole 30 | -3" | P1 |
| Invert 2 | 877.77' | 105° | 18" HDPE | 21.2" | 24" | Hole 24 | 15" | P1 |
| Invert 3 | 876.27' | 180° | 24" HDPE | 27.8" | 30" | Hole 30 | -3" | P1 |
| Invert 4 | | | | | | | | |
| Invert 5 | | | | | | | | |
| Invert 6 | | | | | | | | |
| Invert 7 | | | | | | | | |
| Invert 8 | | | | | | | | |



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 12/16/2025 4:34:45 PM

SUBMITTAL
 APPROVED BY: