

**Job Name: 25-1862 Commerce Drive Extension**  
**Job Location: Elizabethtown, KY**  
**Contractor: Dirt Works Unlimited, LLC.**

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



Structure ID: 48+30 RT (KYTC CBI TY A)

Spec: KYTC  
 Type: CBI TYPE A (10')  
 Size: 24" x 36"

Rim: 760.19'  
 Invert: 754.44'  
 Rim to Invert: 5.75'

Sump: 0"  
 Floor (Top): 754.44'  
 Floor Height: 8"

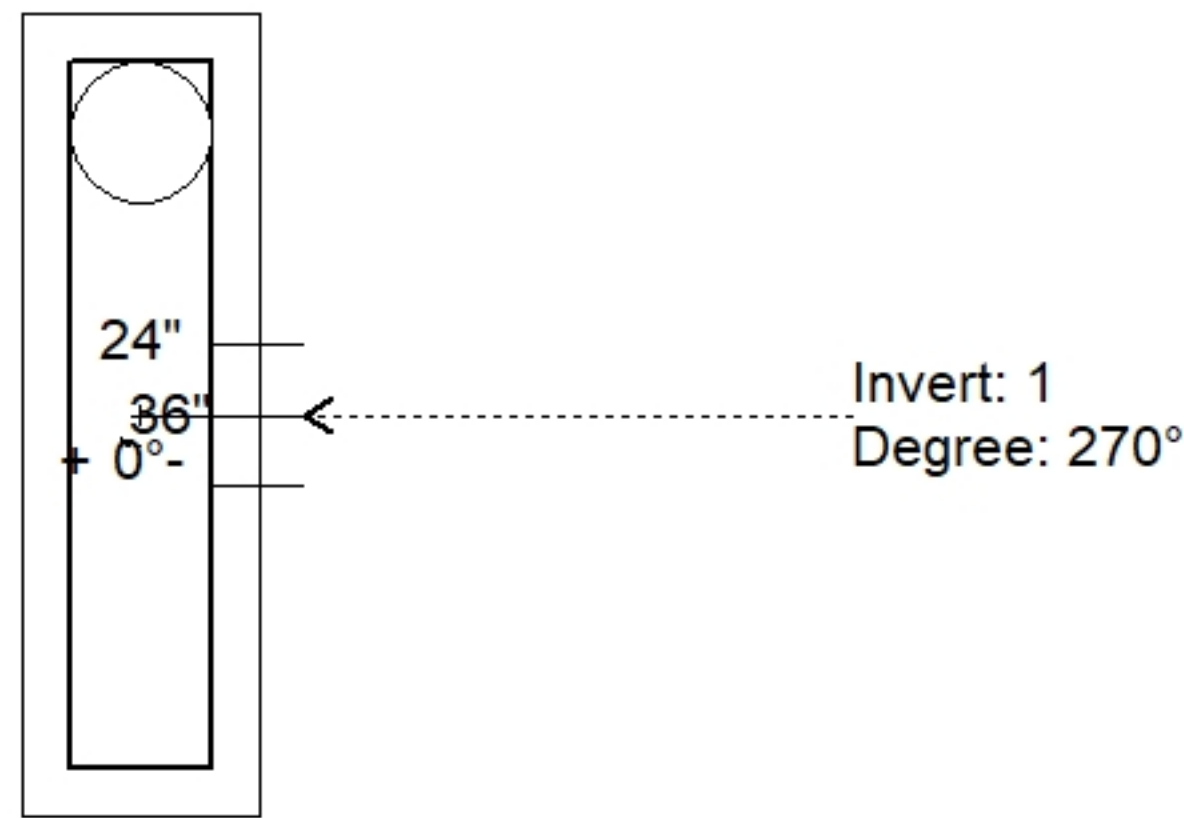
Floor (Bot): 753.773'  
 Overall Height: 6.417'  
 Slack: 0"

Structure Notes:

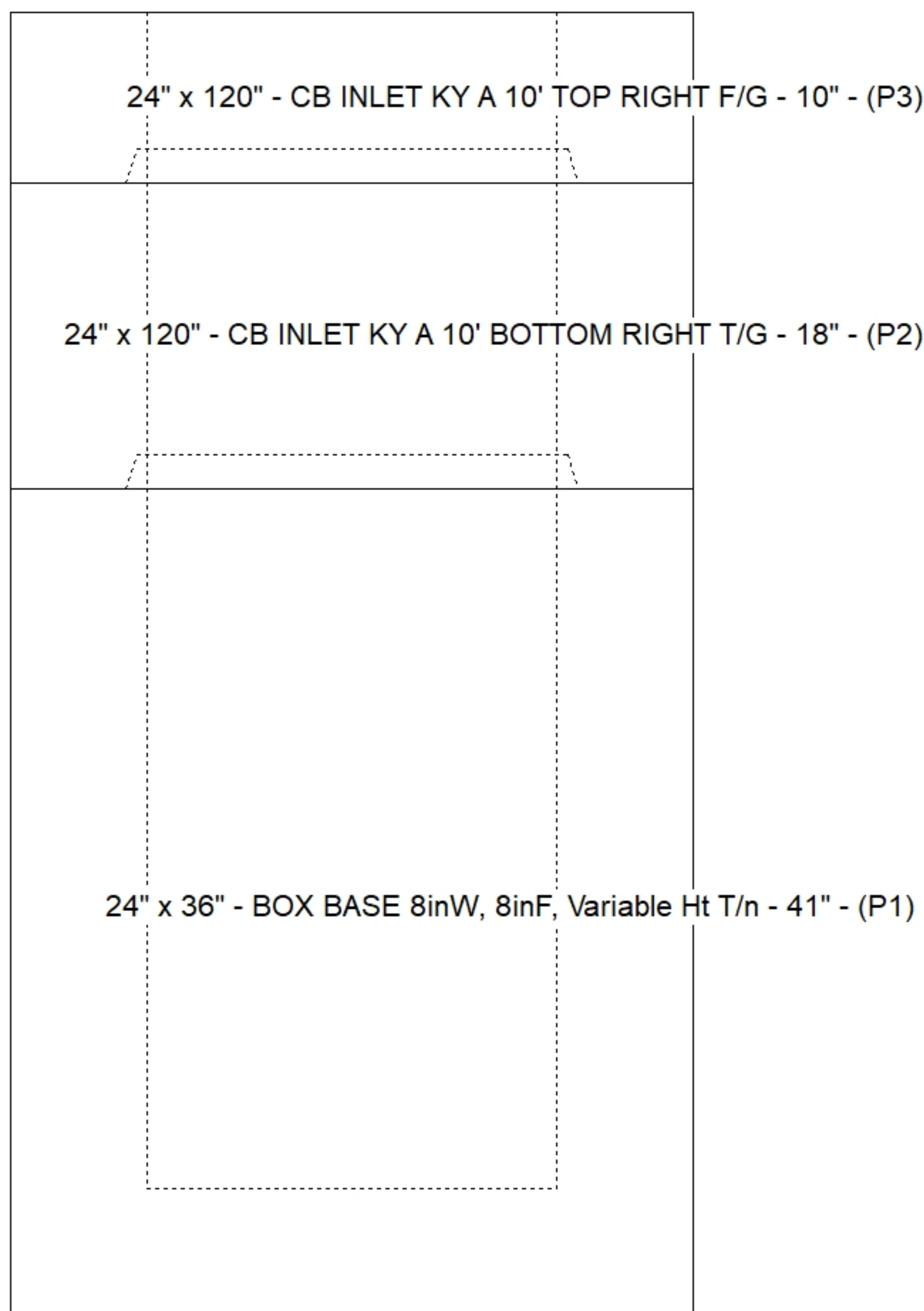
1. JR HOE KY-206 PROVIDED BY ICAST.
2. CASTING FRAME TO BE CAST INTO THE TOP PHASE.
3. KYTC CBI TYPE A / ASTM C913 SPECIFICATIONS.
4. CONCRETE = 4,500 PSI AT 28 DAYS.
5. REINFORCING PER ASTM A615 (GRADE 60).
  - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.
  - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
  - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.
6. RIM ELEVATION EQUALS THROAT ELEVATION + 8"

STRUCTURE SUMMARY:

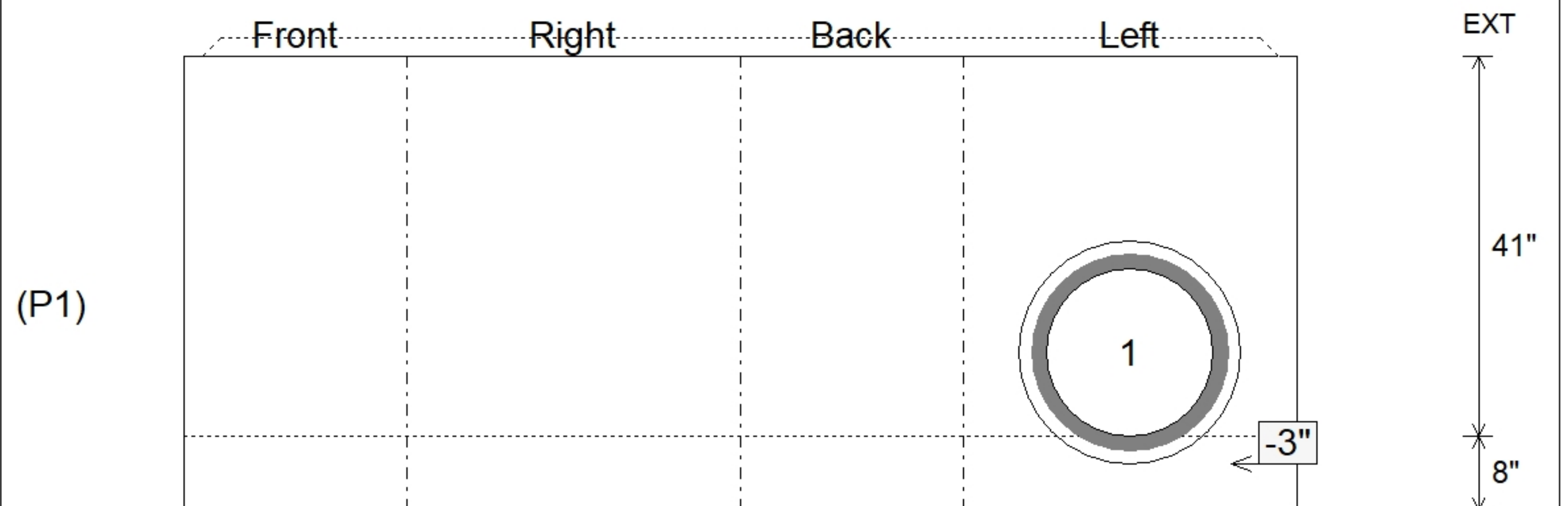
P3) 24" x 120" - CB INLET KY A 10' TOP RIGHT F/G - 10"	3398 lb
P2) 24" x 120" - CB INLET KY A 10' BOTTOM RIGHT T/G - 18"	5270 lb
P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht T/n - 41"	5276 lb
1) 24" x 36" - Conseal CS-102 1.00"	0 lb
1) Hole - 24"	0 lb
<b>Structure Total:</b>	<b>13944 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	760.19'							
Reducer								
Invert 1	754.44'	270°	18" HDPE	21.2"	24"	Hole 24	-3"	P1
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



**Cast (Int. Dim.) - Interior Dimensions**



Submittal Drawing  
 11/26/2025 9:40:00 AM

SUBMITTAL  
 APPROVED BY: