

**Job Name: 25-1511 Halfhill Estates Ph.2**  
**Job Location: Nicholasville, KY**  
**Contractor: Perdue Environmental Contracting Co., Inc.**

PC: T. Ryan  
 TECH: J. Horsley  
 Plant: Beaver Dam



Structure ID: **CBI-406**  
 Spec: KYTC  
 Type: CBI TYPE A (10')  
 Size: 24" x 36"

Rim: 892.14'  
 Invert: 887.63'  
 Rim to Invert: 4.51'

Sump: 0"  
 Floor (Top): 887.63'  
 Floor Height: 8"

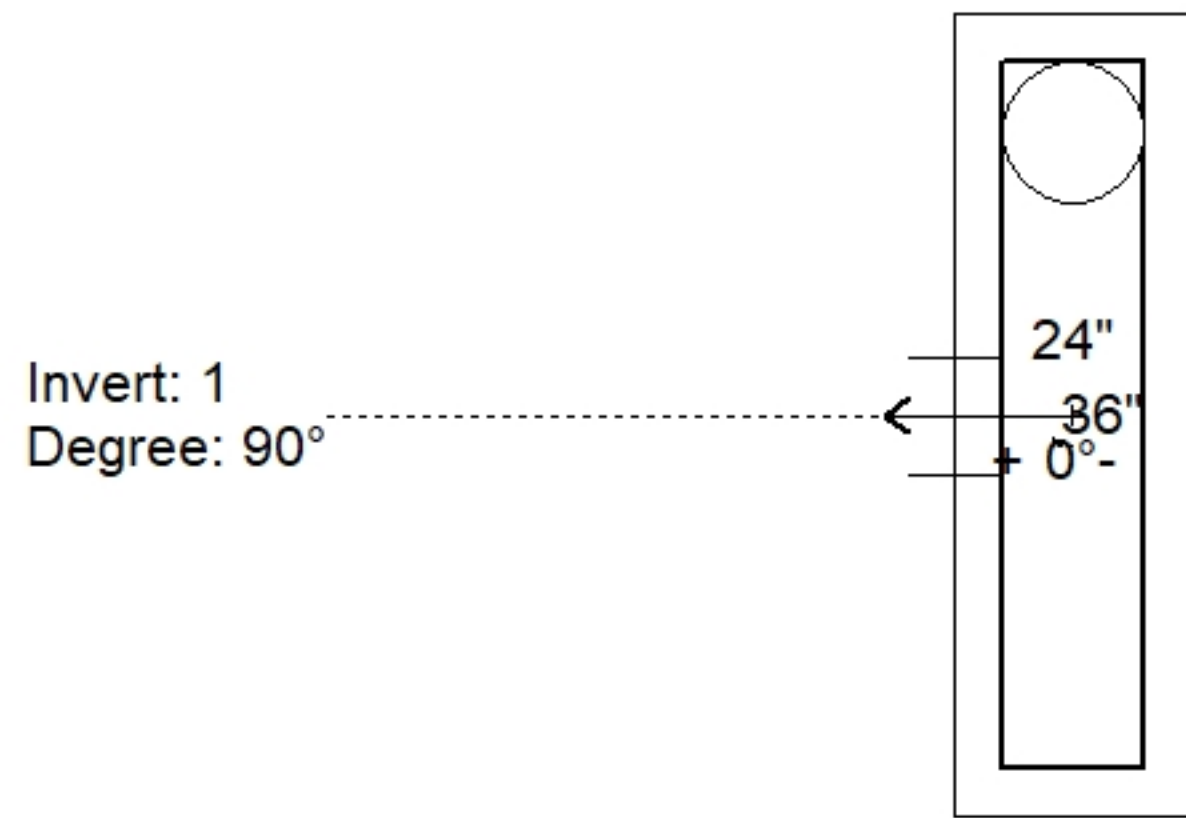
Floor (Bot): 886.963'  
 Overall Height: 5.167'  
 Slack: 0.12"

**Structure Notes:**

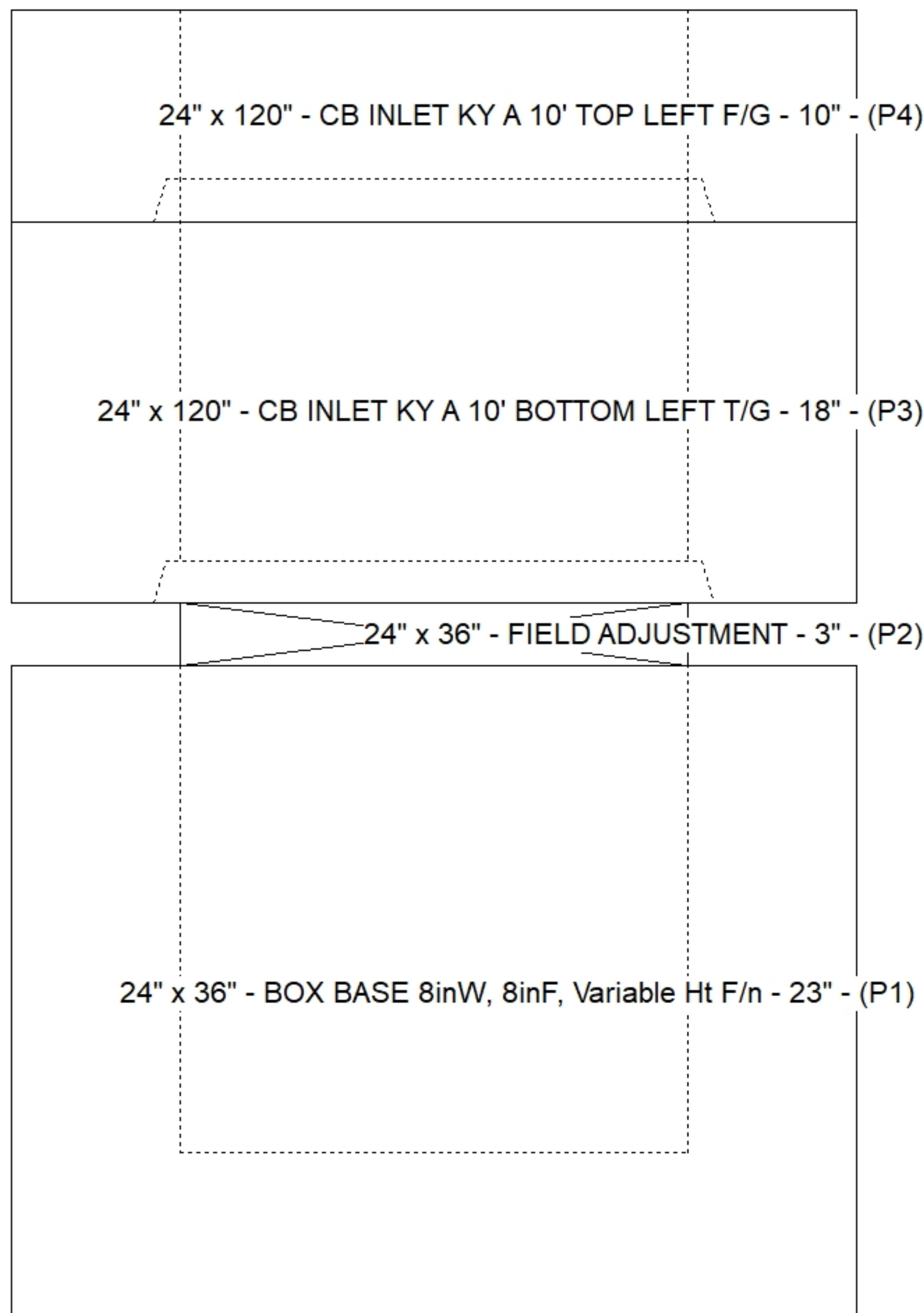
- \*\* KYTC STATE PROJECT \*\*
- PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
  - CONCRETE = 4,000 PI AT 28 DAYS.
  - NO INVERT CHANNEL.
- REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.  
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

**STRUCTURE SUMMARY:**

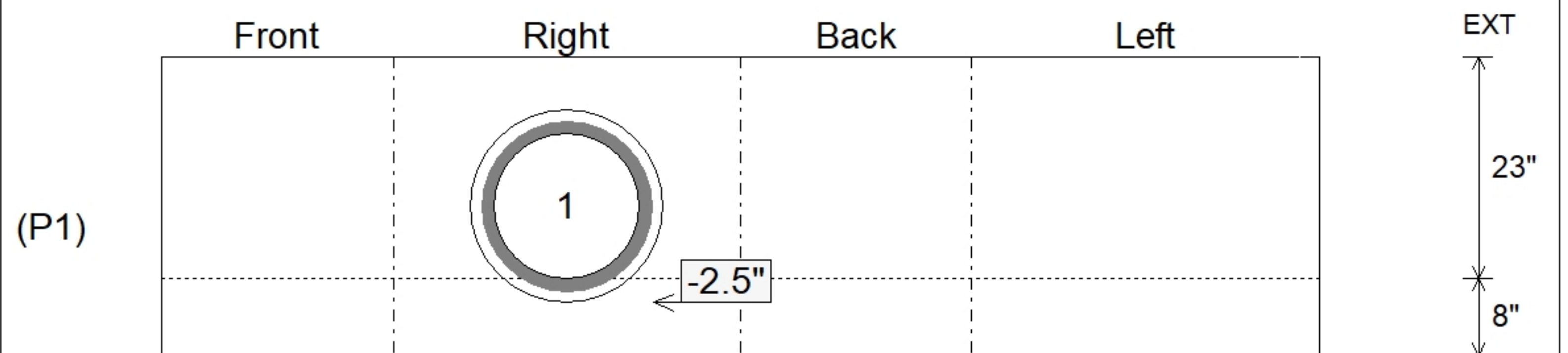
P4) 24" x 120" - CB INLET KY A 10' TOP LEFT F/G - 10"	3400 lb
P3) 24" x 120" - CB INLET KY A 10' BOTTOM LEFT T/G - 18"	5270 lb
P2) 24" x 36" - FIELD ADJUSTMENT - 3"	0 lb
P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 23"	3532 lb
1) CASTING - HOE KY-206 F/C (KY TY1)	206 lb
2) 24" x 36" - Conseal CS-102 1.00"	0 lb
1) Hole - 20	0 lb
<b>Structure Total:</b>	<b>12408 lb</b>



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ( )	Ref
Rim	892.14'							
Reducer								
Invert 1	887.63'	90°	15" HDPE	17.6"	20"	Hole 20	-2.5"	P1
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



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



Submittal Drawing  
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SUBMITTAL  
 APPROVED BY: