

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 2101**
 Spec: KYTC
 Type: CBI TYPE A (10') MOD.
 Size: 24" x 120"

Rim: 874.93'
 Invert: 870.52'
 Rim to Invert: 4.41'

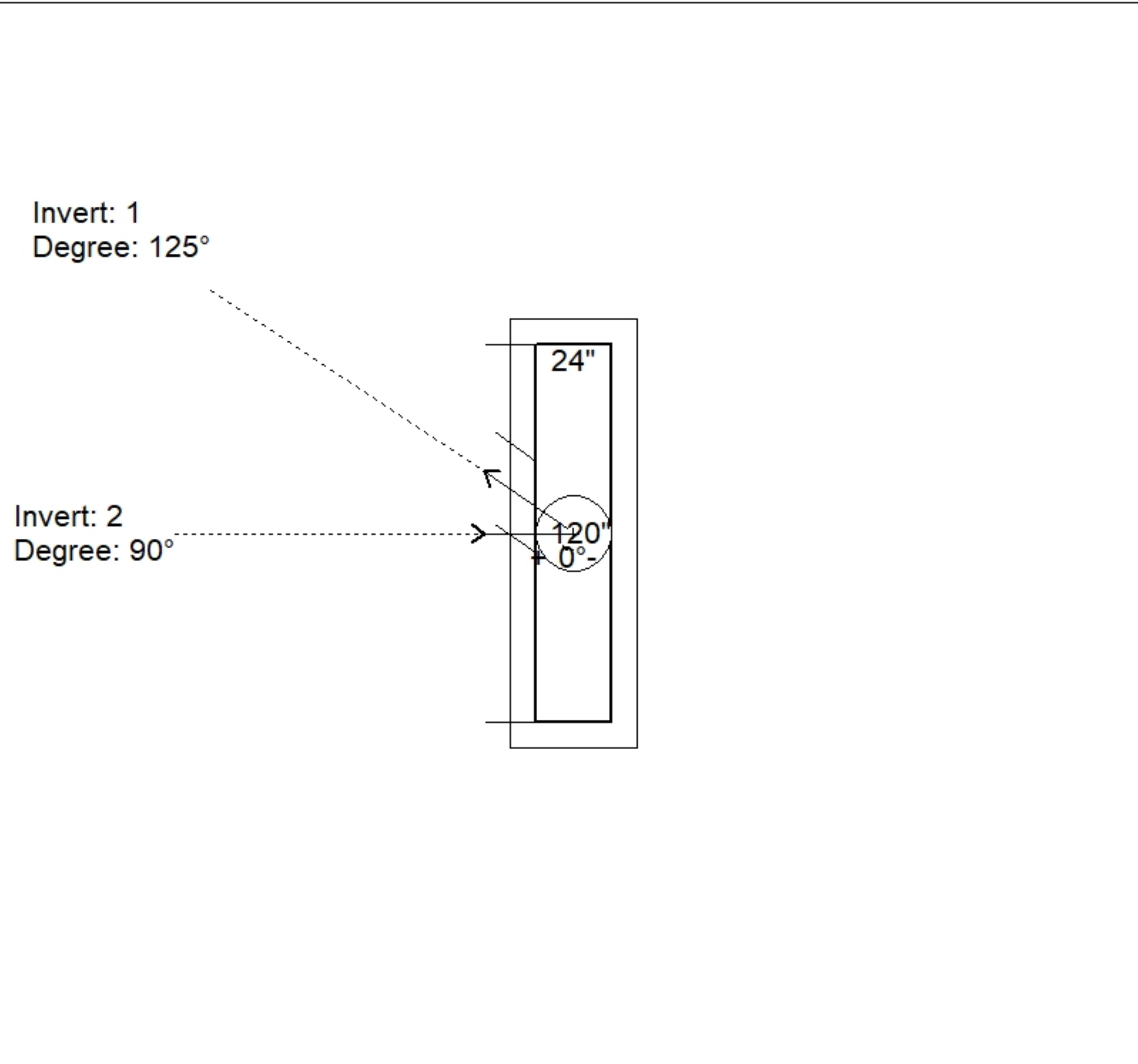
Sump: 0"
 Floor (Top): 870.52'
 Floor Height: 8"

Floor (Bot): 869.853'
 Overall Height: 5.083'
 Slack: -0.08"

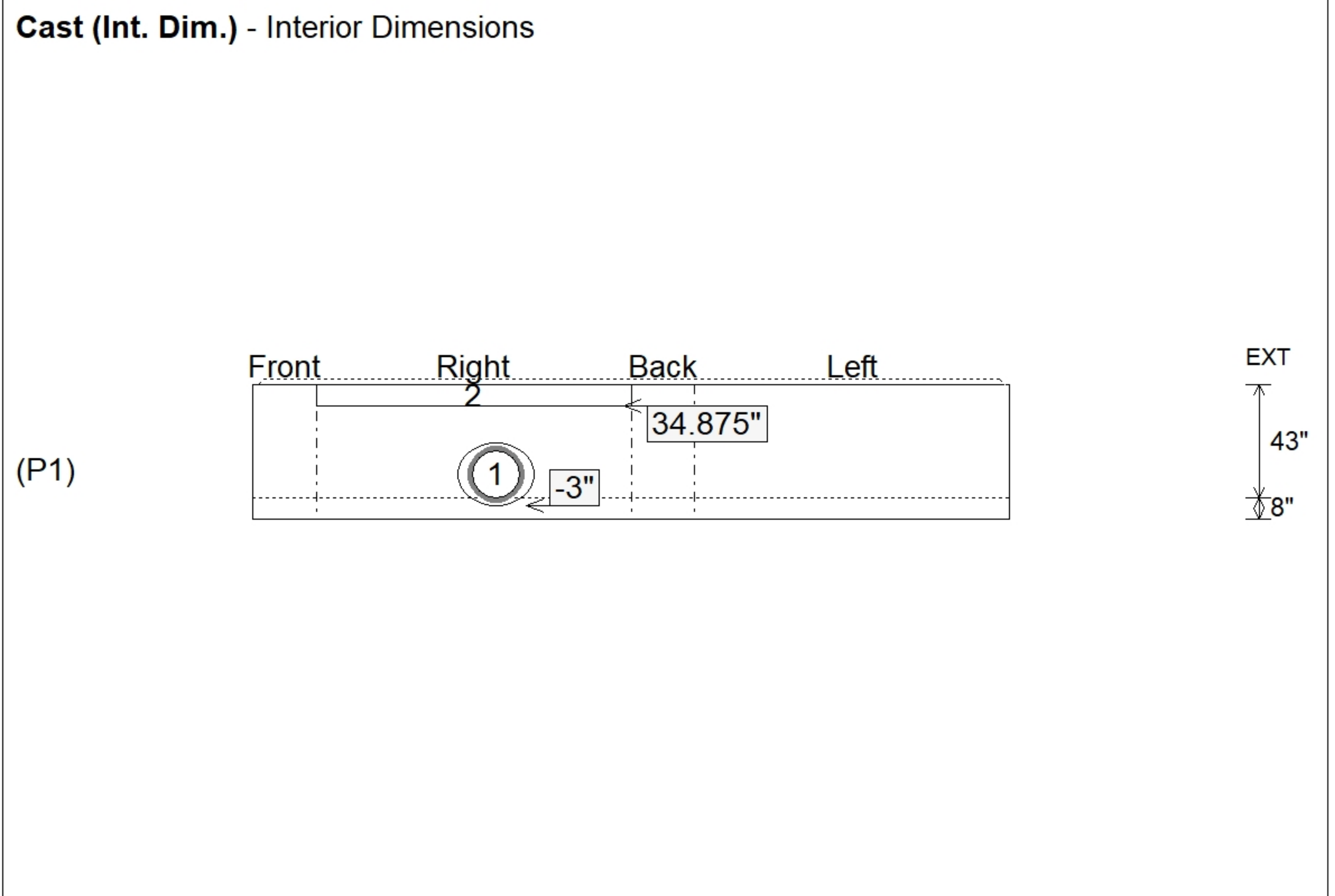
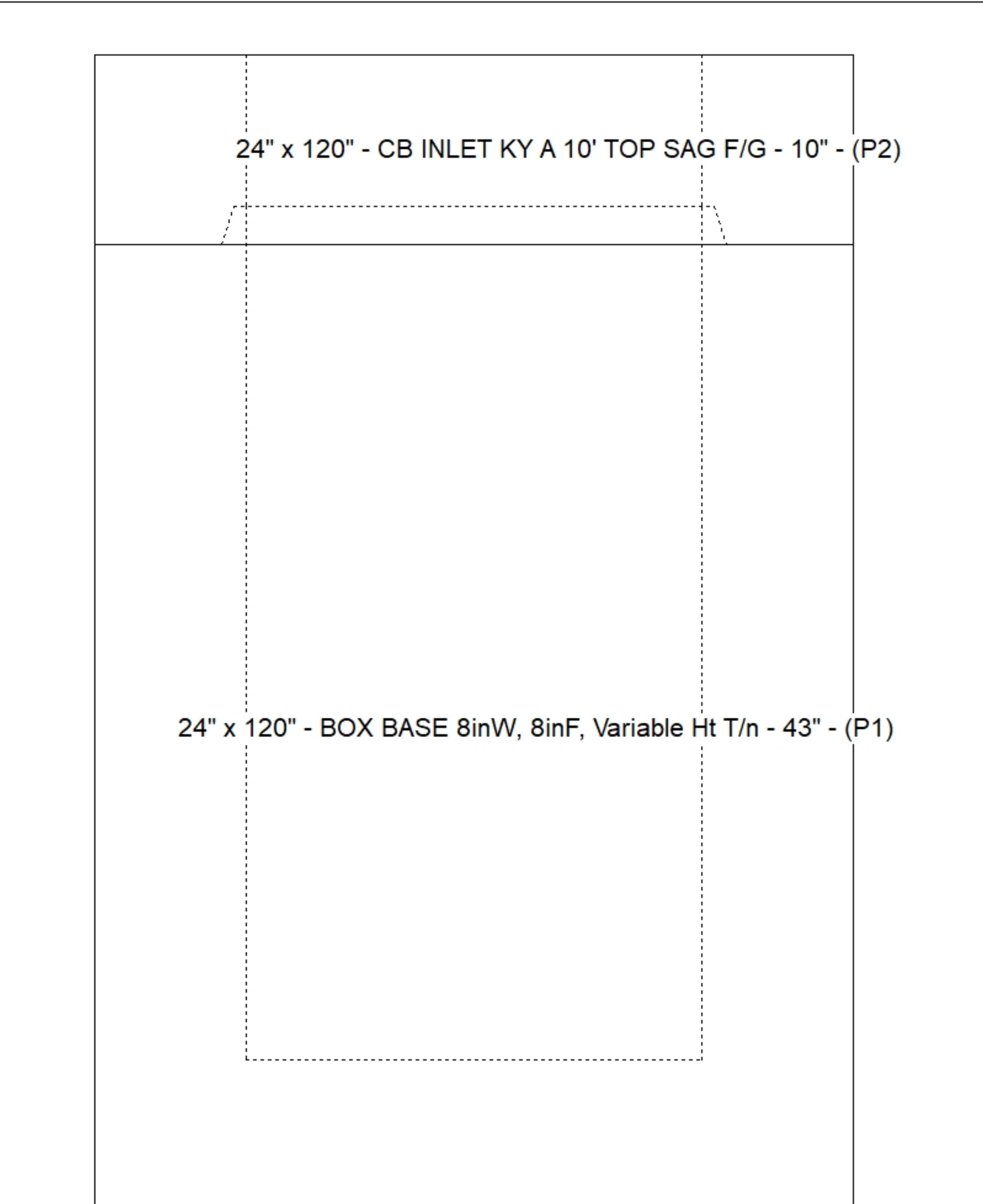
Structure Notes:
 A) MODIFIED KYTC CBI TYPE A / ASTM C913 SPECIFICATIONS.
 B) CONCRETE = 4,500 PSI AT 28 DAYS.
 C) REINFORCING PER ASTM A615 (GRADE 600).
 WALLS (HORIZ.)= #5 BARS AT 12" C/C.
 WALLS (VERT.) = #5 BARS AT 6" C/C.
 FLOOR = #5 BARS AT 6" C/C EA. WAY
 D) KYTC TYPE A STYLE NOTCH (120"x8") AT 0°.
 STUB #5 BARS 20" OUT TOP OF NOTCH. SPA. AT 12" C/C.

STRUCTURE SUMMARY:

P2) 24" x 120" - CB INLET KY A 10' TOP SAG F/G - 10"	3398 lb
P1) 24" x 120" - BOX BASE 8inW, 8inF, Variable Ht T/n - 43"	12035 lb
1) CASTING - HOE KY-206 F/C (KY TY1)	206 lb
1) 24" x 120" - Conseal CS-102 1.00"	0 lb
1) Hole - 24"	0 lb
1) Horiz Slot n/n - 120"x8"	0 lb
Structure Total:	15639 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	874.93'							
Reducer								
Invert 1	870.52'	125°	18" HDPE	21.2"	24"	Hole 24	-3"	P1
Invert 2	873.43'	90°	120" x 8" Horiz Slot	120" x 8"	120" x 8"	Horiz Slot 120"x8"	34.875"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Submittal Drawing
 12/16/2025 4:34:50 PM

SUBMITTAL
 APPROVED BY: