

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

Plant: Beaver Dam

Tech: J. Horsley

12/16/2025 4:35:25 PM

PC: J. Jarvis



Structure ID: CBI 2101

P1 BX24120-08BVF

BOX BASE 8inW, 8inF, Variable Ht T/n

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

3398 lb
 12035 lb
 206 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 15639 lb

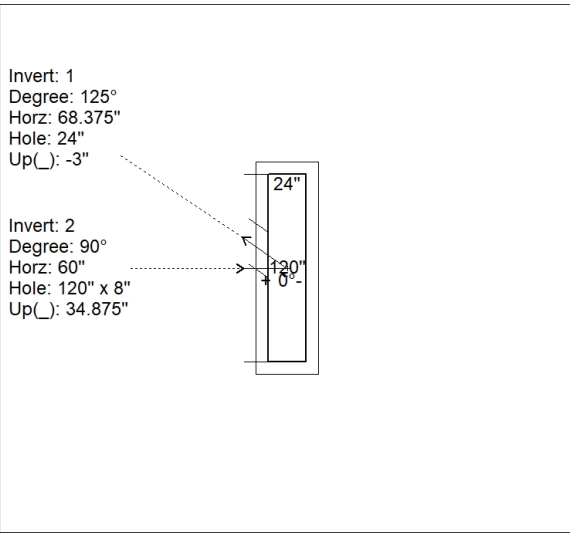
Structure Notes:
 A) MODIFIED KYTC CBI TYPE A / ASTM C913 SPECIFICATIONS.
 B) CONCRETE = 4,500 PSI AT 28 DAYS.
 C) REINFORCING PER ASTM A615 (GRADE 600).
 WALLS (HORIZ.) = #5 BARS AT 12" C/C.
 WALLS (VERT.) = #5 BARS AT 6" C/C.
 FLOOR = #5 BARS AT 6" C/C EA. WAY
 D) KYTC TYPE A STYLE NOTCH (120"x8")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

Rim: 874.93' Rim to Invert: 4.41' Slack: -0.08" Sump: 0" Step Position:

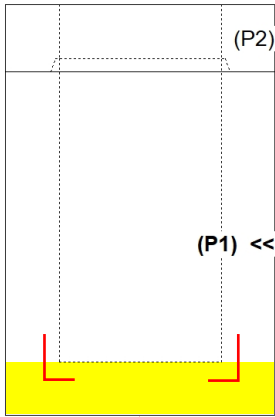
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	870.52'	125°	82"	18" HDPE	21.2"	Hole 24	24"	29.299"	-3"	0"
Invert 2	873.43'	90°	68"	120" x 8" Horiz Slot	120" x 8"	Horiz Slot 120"x8"	120" x 8"	120"	34.875"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

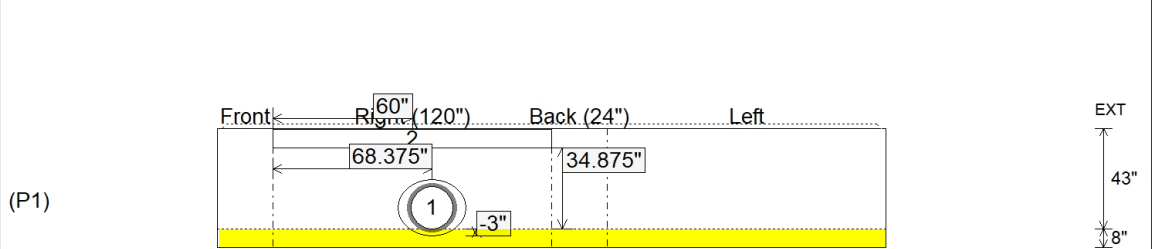
UPSIDE-DOWN VIEW (int. dimenions)



**1ST POUR (FLOOR) = 3,650 LBS
 2ND POUR (WALLS) = 8,385 LBS**



INSIDE WALL DIMENSIONS



**1ST POUR (FLOOR)
 STUB #5 L BARS OUT TOP
 OF FLOOR FOR
 CONNECTING WALLS**

**PLACE CONSEAL CS-231
 BETWEEN FLOOR & WALLS**

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 43" Height (Ext): 51"	Weight (Net): 12035 lb Volume (Net): 3.07cu.yd
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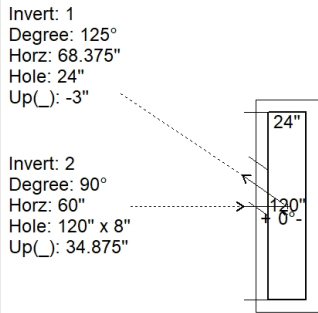
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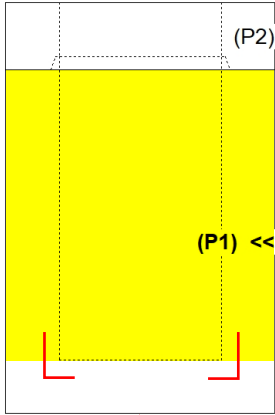
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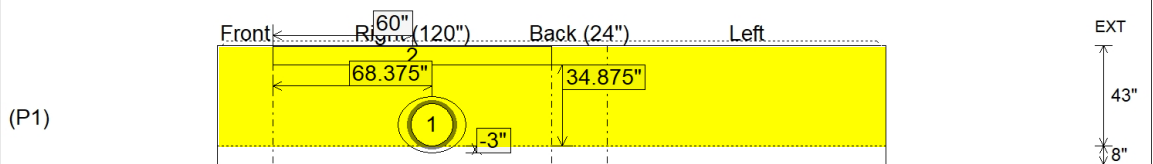
UPSIDE-DOWN VIEW (int. dimensions)



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INSIDE WALL DIMENSIONS



2ND POUR (WALLS)

PLACE CONSEAL CS-231 BETWEEN FLOOR & WALLS

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