

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

Plant: Beaver Dam  
 11/11/2025 4:05:02 PM

Tech: J. Horsley  
 PC: T. Ryan



**Structure ID: CBI-402**

**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 - 46"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 24" x 120" - Conseal CS-102 1.00"
- 2) Hole - 30
- 1) Horiz Slot n/n - 120"x7"

3398 lb  
 12057 lb  
 206 lb  
 0 lb  
 0 lb  
 0 lb  
 Structure Total: 15661 lb

- Structure Notes:**
1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
  2. CONCRETE = 4,000 PI AT 28 DAYS.
  3. NO INVERT CHANNEL
  4. CASTING BY ICAST (HOE KY-206 F/C)CAST INTO TOP SLAB.
  5. KYTC CBI TYPE A STYLE NOTCH (120"x8") AT 90°. STUB #5 BARS 20" OUT TOP OF NOTCH. SPA. AT 12" C/C.

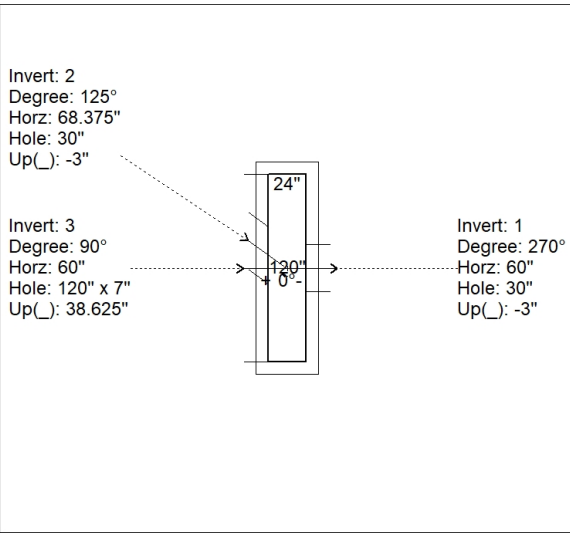
REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.  
 WALLS (HORIZ.)= #5 BARS AT 12" C/C.  
 WALLS (VERT.) = #5 BARS AT 6" C/C.  
 FLOOR = #5 BARS AT 6" C/C EA. WAY

Rim: 882.93' Rim to Invert: 4.72' Slack: 0.64" Sump: 0" Step Position:

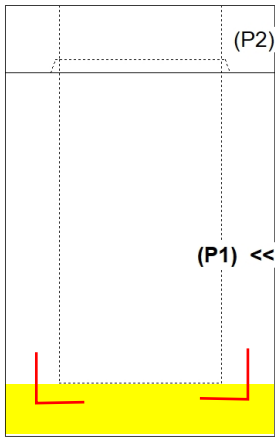
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	878.21'	270°	68"	24" HDPE	27.8"	Hole 30	30"	30"	-3"	0"
Invert 2	878.21'	125°	82"	24" HDPE	27.8"	Hole 30	30"	36.623"	-3"	0"
Invert 3	881.43'	90°	68"	120" x 7" Horiz Slot	120" x 7"	Horiz Slot 120"x7"	120" x 7"	120"	38.625"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

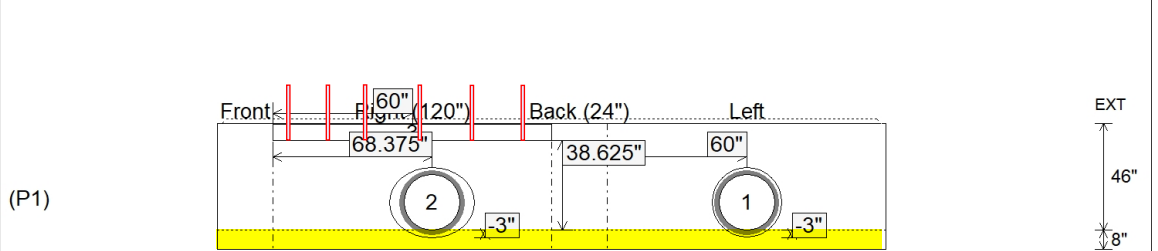
UPSIDE-DOWN VIEW (int. dimenions)



**1st POUR (FLOOR) = 3,650 LBS**  
**2nd POUR (WALLS) = 8,407 LBS**



INSIDE WALL DIMENSIONS



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

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 46" Height (Ext): 54"	Weight (Net): 12057 lb Volume (Net): 3.08cu.yd
----------------------------------	---------------------------------	--	--	---

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

Plant: Beaver Dam

Tech: J. Horsley

11/11/2025 4:05:02 PM

PC: T. Ryan



**Structure ID: CBI-402**

**P1A 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 - 46"
- 1) CASTING - HOE KY-206 F/C (KY TY1)
- 1) 24" x 120" - Conseal CS-102 1.00"
- 2) Hole - 30
- 1) Horiz Slot n/n - 120"x7"

3398 lb  
 12057 lb  
 206 lb  
 0 lb  
 0 lb  
 0 lb  
 Structure Total: 15661 lb

- Structure Notes:**
1. PER KYTC CBI TYPE A / ASTM C913 SPEC'S.
  2. CONCRETE = 4,000 PI AT 28 DAYS.
  3. NO INVERT CHANNEL
  4. CASTING BY ICAST (HOE KY-206 F/C)CAST INTO TOP SLAB.
  5. KYTC CBI TYPE A STYLE NOTCH (120"x8") AT 90°. STUB #5 BARS 20" OUT TOP OF NOTCH. SPA. AT 12" C/C.

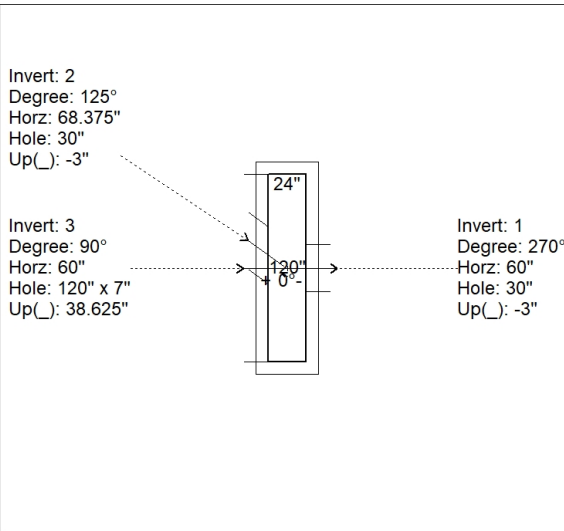
REINFORCING PER ASTM A615 (GRADE 60).  
 - TOP PHASE (As .62) #5 BARS AT 6" C.C.E.W.  
 WALLS (HORIZ.)= #5 BARS AT 12" C/C.  
 WALLS (VERT.) = #5 BARS AT 6" C/C.  
 FLOOR = #5 BARS AT 6" C/C EA. WAY

Rim: 882.93' Rim to Invert: 4.72' Slack: 0.64" Sump: 0" Step Position:

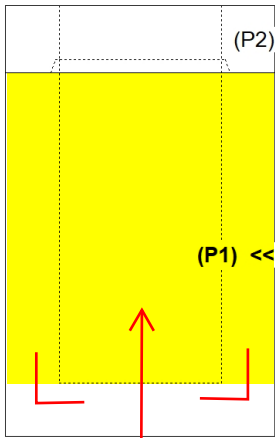
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	878.21'	270°	68"	24" HDPE	27.8"	Hole 30	30"	30"	-3"	0"
Invert 2	878.21'	125°	82"	24" HDPE	27.8"	Hole 30	30"	36.623"	-3"	0"
Invert 3	881.43'	90°	68"	120" x 7" Horiz Slot	120" x 7"	Horiz Slot 120"x7"	120" x 7"	120"	38.625"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)

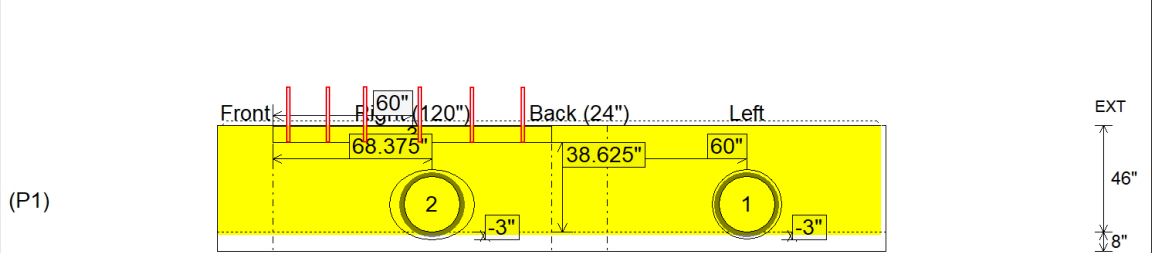


1st POUR (FLOOR) = 3,650 LBS  
 2nd POUR (WALLS) = 8,407 LBS



2nd POUR (WALLS)

INSIDE WALL DIMENSIONS



Coating (Int):  
 Coating (Ext):

Seam Up: Tongue  
 Seam Dn: n/a

Wall Thickness: 8"  
 Floor Height: 8"

Height (Int): 46"  
 Height (Ext): 54"

Weight (Net): 12057 lb  
 Volume (Net): 3.08cu.yd