

Job Name: 24-2287 Freedom Senior Apartments
 Job Location: Lexington, KY
 Contractor: Lagco Inc.

Plant: Beaver Dam, KY
 10/14/2025 11:57:37 AM

Tech: Evan Niles
 PC: Celina Goff



Structure ID: SCI-101

P1 BX2436-08BVF

BOX BASE 8inW, 8inF, Variable Ht

- P2) 24" x 36" - CASTING HEIGHT - 6"
- P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht - 26"
- 1) CASTING - HOE 525 SET FLAT GRATE (F/G/H)
- 1) 24" x 36" - SGL 1"x14.5' Butyl
- 1) Hole - 16

0 lb
 3914 lb
 442 lb
 0 lb
 0 lb

 0 lb
 Structure Total: 4356 lb

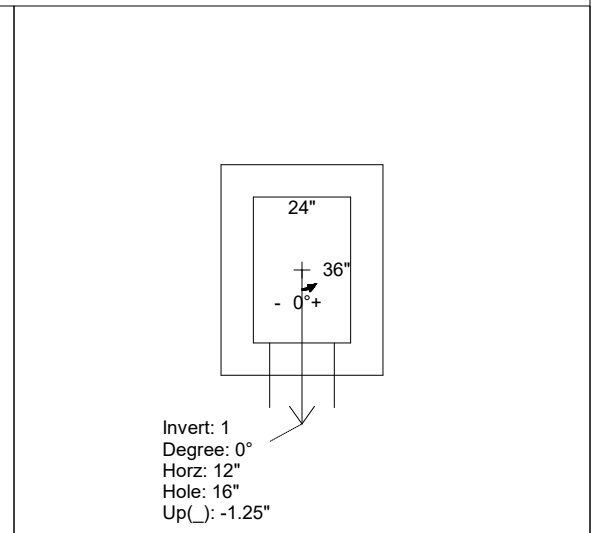
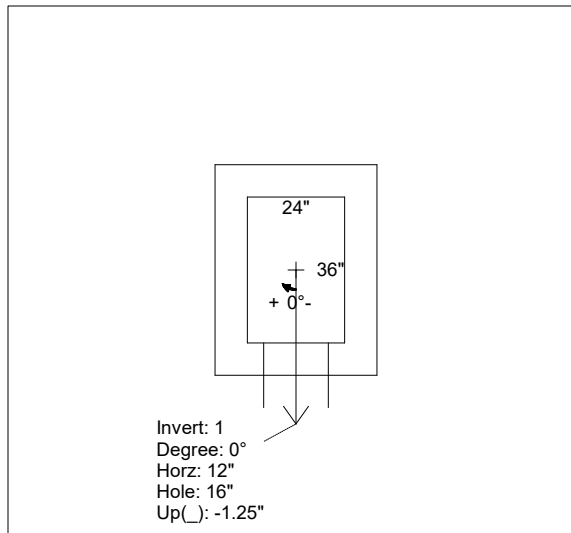
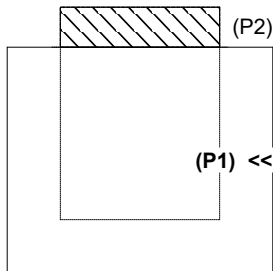
- Structure Notes:
1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.
 5. CASTING: JRH 525 F/G/H BY ICAST

Rim: 1005.77' Rim to Invert: 2.67' Slack: 0.04" Sump: 0" Step Position:

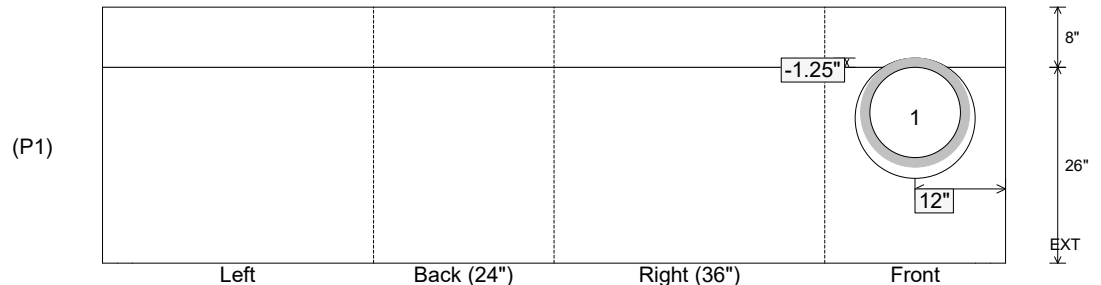
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	1003.1'	0°	20"	12" HDPE	14.5"	Hole 16	16"	16"	-1.25"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Flat
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 26"
 Height (Ext): 34"

Weight (Net): 3914 lb
 Volume (Net): 1cu.yd