

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

Plant: Beaver Dam, KY  
 10/14/2025 11:57:38 AM

Tech: Evan Niles  
 PC: Celina Goff



**Structure ID: SCI-102**

**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 - 45"
- 1) CASTING - HOE 525 SET FLAT GRATE (F/G/H)
- 1) 24" x 36" - SGL 1"x14.5' Butyl
- 2) Hole - 16

0 lb  
 5718 lb  
 442 lb  
 0 lb  
 0 lb  
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 6160 lb

Structure Total: 6160 lb

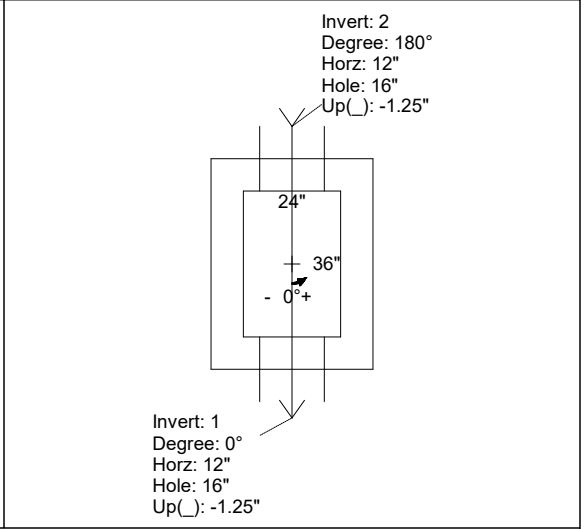
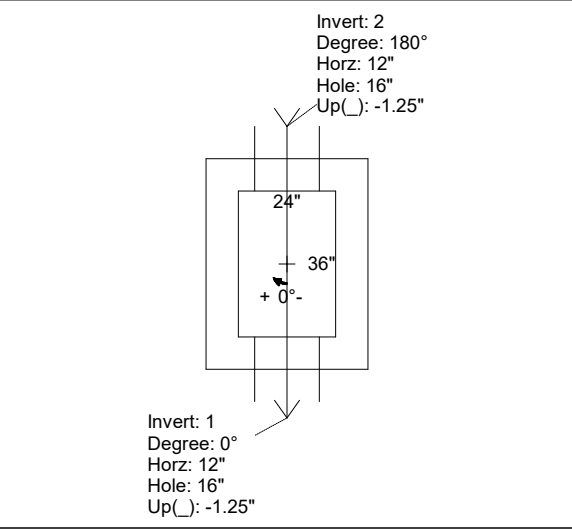
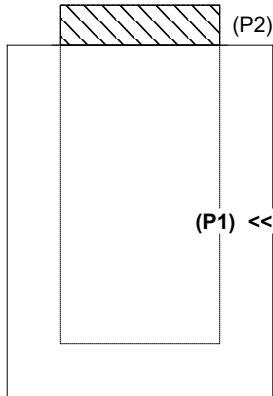
- Structure Notes:**
1. PER ASTM C913 SPECIFICATIONS.
  2. CONCRETE = 4,000 PSI AT 28 DAYS.
  3. NO INVERT CHANNEL.
  4. REINFORCING PER ASTM A615 (GRADE 60).  
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.  
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.
  5. CASTING: JRH 525 F/G/H BY ICAST

Rim: 1005.35' Rim to Invert: 4.25' Slack: 0" Sump: 0" Step Position:

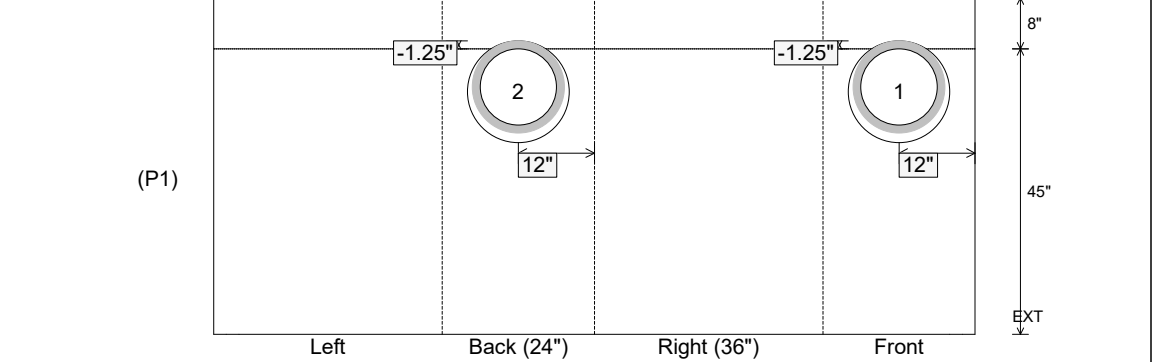
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	1001.1'	0°	20"	12" HDPE	14.5"	Hole 16	16"	16"	-1.25"	0"
Invert 2	1001.1'	180°	20"	12" HDPE	14.5"	Hole 16	16"	16"	-1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 45" Height (Ext): 53"	Weight (Net): 5718 lb Volume (Net): 1.46cu.yd
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