

Job Name: 25-4219 - Hitachi Berea
 Job Location: Berea, KY
 Contractor: Brown General Contractors

Plant: 100
 3/26/2026 2:12:49 PM

Tech: J. Horsley - F
 PC: J. Jarvis



Structure ID: ST-8

P1 BX3648-08BA42

BOX BASE 8inW, 8inF

- P3) 36" x 48" - P.I.P. - BY OTHERS - 8"
- P2) 36" x 48" - BOX RISER 8inW - 24"
- P1) 36" x 48" - BOX BASE 8inW, 8inF - 42"
- 1) CASTING - HOE KY-460 SET (DBI 5A)
- 2) 36" x 48" - Conseal CS-102 1.00"
- 1) Hole - 24
- 1) Hole - 20

0 lb
 3222 lb
 7358 lb
 460 lb
 0 lb
 0 lb
 0 lb

 Structure Total: 11041 lb

- Structure Notes:**
1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. CASTING BY I-CAST (HOE KY-460 SET (DBI 5A))
 4. STUB #5 BARS @ 12" O.C. EXTENDED 20" ABOVE THE TOP OF THE RISER WALLS.

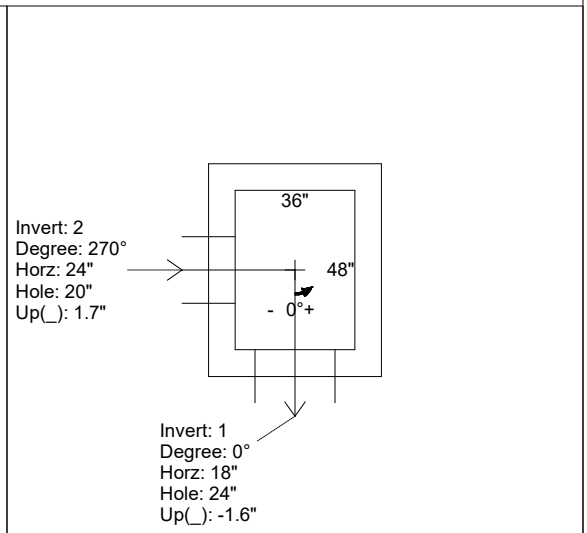
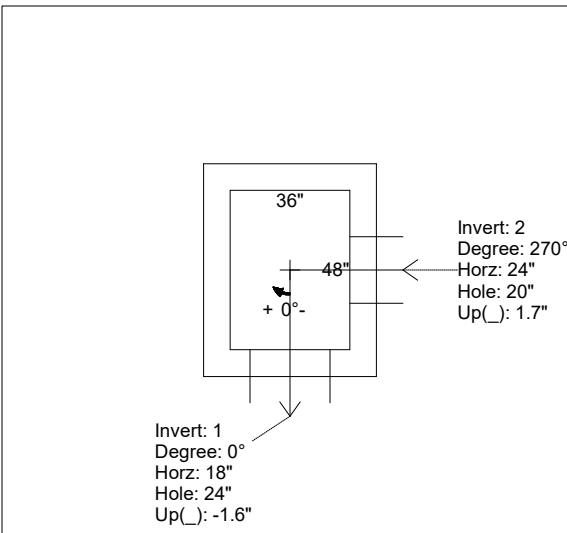
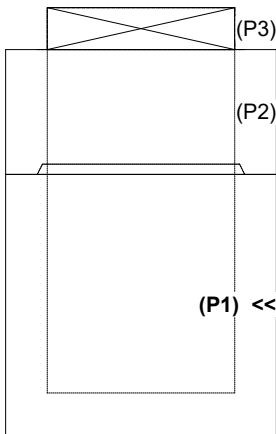
REINFORCING PER ASTM A615 (GRADE 60).
 - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

Rim: 965.09' Rim to Invert: 6.18' Slack: 0.16" Sump: 0" Step Position:

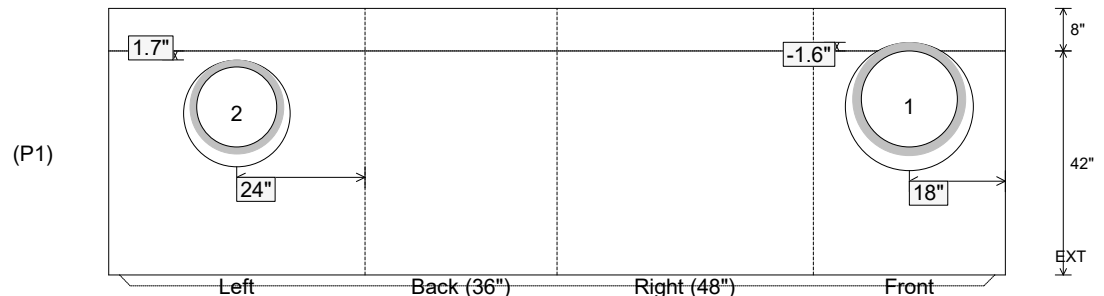
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	958.91'	0°	26"	18" HDPE	21.2"	Hole 24	24"	24"	-1.6"	0"
Invert 2	959.16'	270°	32"	15" HDPE	17.6"	Hole 20	20"	20"	1.7"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
 Coating (Ext):

Seam Up: Tongue
 Seam Dn: n/a

Wall Thickness: 8"
 Floor Height: 8"

Height (Int): 42"
 Height (Ext): 50"

Weight (Net): 7358 lb
 Volume (Net): 1.88cu.yd