

Job Name: 26-1463 - Brown Co Landfill Vaults

Job Location: Pleasant Township, OH

Contractor: Hinkle Construction Services, LLC

Plant: 100

7/10/2026 12:56:08 PM

Tech: Jared - F

PC: E. Bradley



Structure ID: 2

P1 BX054168-08W08F-BAVF

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

P3) 30" x 36" - HATCH (CAST FLUSH) - 3"

P2) 54" x 168" - BX FLAT TOP 8"W w/(2) 30"x36" HATCHES F/F - 8"

P1) 54" x 168" - BOX BASE 8inW, 8inF, Variable Ht F/n - 40"

2) HATCH (Alum.) - HALLIDAY W1S 30"x36"

1) Conseal CS-102 1.00" (Double)

3) Hole - 8

1) Hole - 6

100 lb

7196 lb

21308 lb

138 lb

0 lb

0 lb

0 lb

Structure Total: 28742 lb

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.

2. CONCRETE = 4,000 PSI AT 28 DAYS.

3. HATCH SUPPLIED BY ICAST (2ea. HALLIDAY W1S 30X36).

REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB(As .62)#5 BARS AT 6" C.C.E.W.

- WALLS(As .37)#5 BARS AT 8" C.C.E.W.

- FLOOR(As .37)#5 BARS AT 8" C.C.E.W.

Rim: 947.5'

Rim to Invert: 4'

Slack: 0"

Sump: 0"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	944'	0°	25"	4" FM PIPE	4.25"	Hole 8	8"	8"	4"	-10"
Invert 2	944'	180°	45"	4" FM PIPE	4.25"	Hole 8	8"	8"	4"	10"
Invert 3	944'	180°	25"	4" FM PIPE	4.25"	Hole 8	8"	8"	4"	-10"
Invert 4	943.5'	180°	58"	4" DRAIN PIPE	4.25"	Hole 6	6"	6"	-1"	23"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

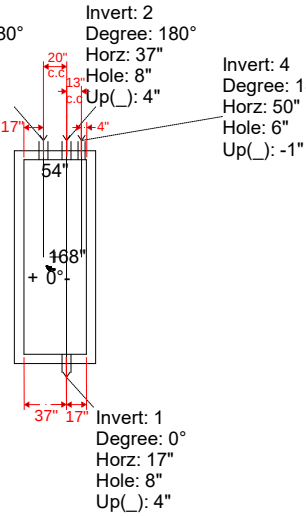
RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 3
Degree: 180°
Horz: 17"
Hole: 8"
Up(): 4"

Invert: 2
Degree: 180°
Horz: 37"
Hole: 8"
Up(): 4"

Invert: 4
Degree: 180°
Horz: 50"
Hole: 6"
Up(): -1"

Invert: 1
Degree: 0°
Horz: 17"
Hole: 8"
Up(): 4"



UPSIDE-DOWN VIEW (int. dimensions)

WEIGHTS

FIRST POUR - 8,646 LBS

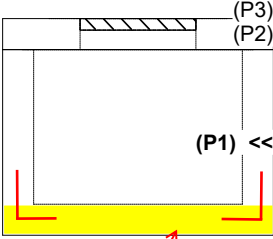
SECOND POUR - 12,627 LBS

TOTAL - 21,273 LBS

(P3)

(P2)

(P1) <<



1ST POUR (FLOOR)

STUB #5 L BARS OUT TOP

FLOOR, SPA AT 12" C/C FOR

CONNECTING WALLS

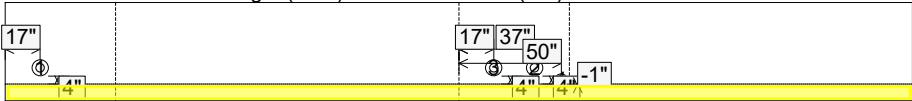
INSIDE WALL DIMENSIONS

Front

Right (168")

Back (54")

Left



(P1)

EXT 40"

8"

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 40"

Height (Ext): 48"

Weight (Net): 21308 lb

Volume (Net): 5.44cu.yd

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UPSIDE-DOWN VIEW (int. dimensions)

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Coating (Ext):

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Seam Dn: n/a

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