

Job Name: 26-2139 - 4157 & 4143 Vincent Station Drive

Job Location: Owensboro, KY

Contractor: Winwater Hartford KY Co.

Plant: 100

5/29/2026 12:15:30 PM

Tech: Jared - F

PC: A. Chambers



Structure ID: CI 403.82

P1 BX2436-08BVF

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

P2) 24" x 36" - CASTING HEIGHT - 6"

P1) 24" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 25"

1) CASTING - HOE 525 SET FLAT GRATE (F/G/H)

1) 24" x 36" - Conseal CS-102 1.00"

2) Hole - 18

0 lb

3595 lb

442 lb

0 lb

0 lb

0 lb

Structure Total: 4037 lb

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.

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

3. NO STEPS AND NO INVERT CHANNEL.

4. CASTING BY ICAST (HOE 525 SET FLAT GRATE (F/G/H)).

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: 406.35'

Rim to Invert: 2.53'

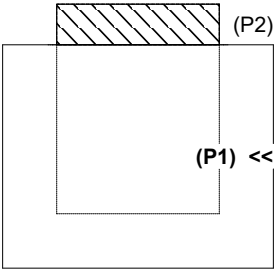
Slack: 0.608"

Sump: 1.248"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	403.82'	20°	23.125"	12" HDPE	14.5"	Hole 18	18"	19.155"	0"	-6"
Invert 2	403.82'	180°	20"	12" HDPE	14.5"	Hole 18	18"	18"	0"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

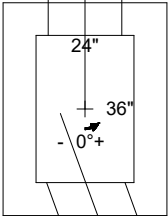
RIGHT-SIDE UP VIEW (int. dimensions)



Invert: 2
Degree: 180°
Horz: 12"
Hole: 18"
Up(): 0"

Invert: 1
Degree: 20°
Horz: 12.125"
Hole: 18"
Up(): 0"

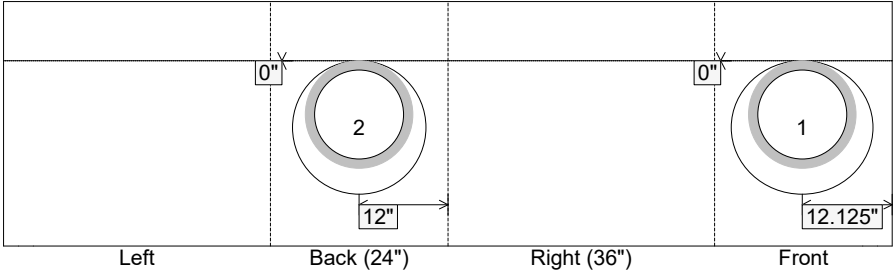
UPSIDE-DOWN VIEW (int. dimensions)



Invert: 2
Degree: 180°
Horz: 12"
Hole: 18"
Up(): 0"

Invert: 1
Degree: 20°
Horz: 12.125"
Hole: 18"
Up(): 0"

INSIDE WALL DIMENSIONS



Left

Back (24")

Right (36")

Front

8"

25"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 8"

Height (Int): 25"

Height (Ext): 33"

Weight (Net): 3595 lb

Volume (Net): 0.92cu.yd