

Job Name: 26-2257 - 233 SE Third St.

Job Location: Evansville, IN

Contractor: Empire Contractors, Inc.

Plant: 100

6/1/2026 8:27:54 AM

Tech: Jared - A

PC: E. Bradley



Structure ID: AD 502 ST-AD

P1 BX4848-08BAVF

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

P3) 30" x 30" - CASTING HEIGHT - 4"

P2) 48" x 48" - CB FLAT TOP 8"W w/30"x30" HOLE F/F - 6"

P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht F/n - 41"

1) CASTING - HOE 468 F/G

1) 48" x 48" - Conseal CS-102 1.00"

1) 30" x 30" - Conseal CS-102 1.00"

1) Hole - 12

2) Hole - 38

0 lb

1609 lb

7316 lb

489 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 9414 lb

Structure Notes:

1. PER ASTM C-913 SPECIFICATIONS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)

4. NO STORM INVERT

5. NO STEPS

6. HOE 468 FRAME & GRATE SUPPLIED BY ICAST

7. 8" FLAT GATE SUPPLIED BY OTHERS

Rim: 383.25'

Rim to Invert: 4'

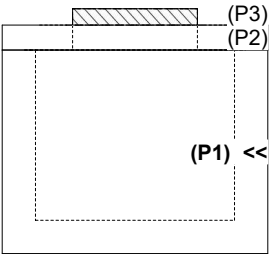
Slack: 0.04"

Sump: 3.04"

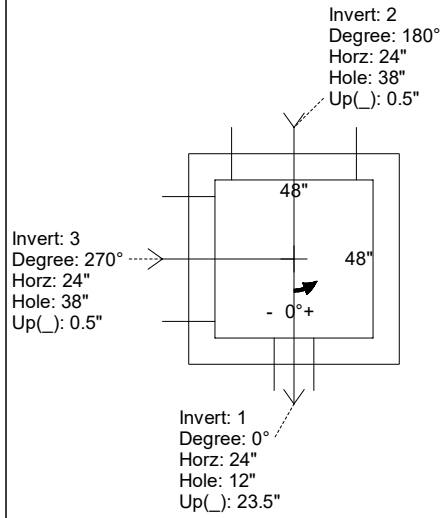
Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	381'	0°	32"	8" HDPE	9.1"	Hole 12	12"	12"	23.5"	0"
Invert 2	379.25'	180°	32"	30" HDPE	35.1"	Hole 38	38"	38"	0.5"	0"
Invert 3	379.25'	270°	32"	30" HDPE	35.1"	Hole 38	38"	38"	0.5"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

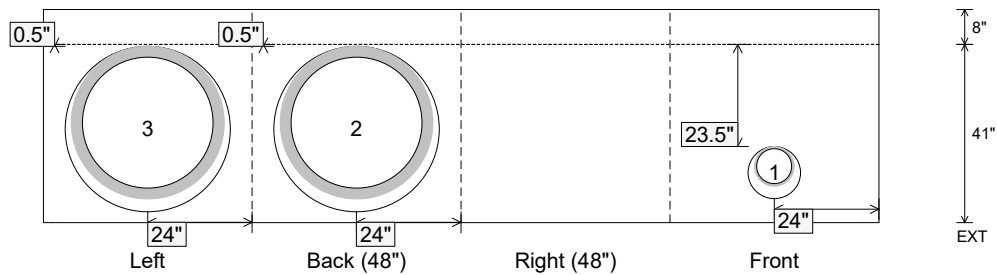
RIGHT-SIDE UP VIEW (int. dimensions)



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): 41"

Height (Ext): 49"

Weight (Net): 7316 lb

Volume (Net): 1.87cu.yd