

Job Name: 25-4457B - INDOT Floyd Co R-42570-A

Job Location: New Albany, IN

Contractor: William & Charles Construction, LLC

Plant: 100

9/23/2026 11:22:27 AM

Tech: Jared - F

PC: E. Bradley

Structure ID: INLT-M154

P1 BX2446-06W08F-BAVF

BOX BASE 6inW, 8inF, Variable Ht F/n

P2) 24" x 46" - CASTING HEIGHT - 8"

P1) 24" x 46" - BOX BASE 6inW, 8inF, Variable Ht F/n - 57"

1) HOE R-3287-5 INDOT Type 5 FRAME & GRATE

1) 24" x 46" - Conseal CS-102 1.00"

2) Hole - 26

0 lb

5707 lb

250 lb

0 lb

0 lb

0 lb

Structure Total: 5957 lb

Structure Notes:

INDOT STATE PROJECT

1. INDOT INLET TYPE HA5 / ASTM C913 SPEC'S.

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

3. NO STEPS AND NO INVERT CHANNEL.

4. CASTING BY ICAST (HOE R-3287-5 INDOT Type 5 FRAME & GRATE)

REINFORCING PER ASTM A615 (GRADE 60).

- WALLS (As .31) #5 BARS AT 12" C.C.E.W.

- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

NOTE:

Walls: 6"

Floor: 8"

Rim: 572.17'

Rim to Invert: 5.36'

Slack: 1.82"

Sump: 2.5"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	566.81'	180°	18"	18" RCP B WALL	23"	Hole 26	26"	25"	0"	0"
Invert 2	566.91'	0°	18"	18" RCP B WALL	23"	Hole 26	26"	25"	1.25"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

FIRST POUR DRAWING

1ST POUR (FLOOR)
WET STICK 10" X 18" #5 L-BARS
@ 12" C.C.E.W. (GRADE 60) OUT
TOP OF FLOOR FOR WALL POUR
TIE-IN

UPSIDE-DOWN VIEW (int. dimensions)

WEIGHTS

FIRST POUR - 1,402 LBS

SECOND POUR - 4,305 LBS

TOTAL - 5,707 LBS

INSIDE WALL DIMENSIONS

Front

Right (46")

Back (24")

Left

EXT

57"

8"

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 6"

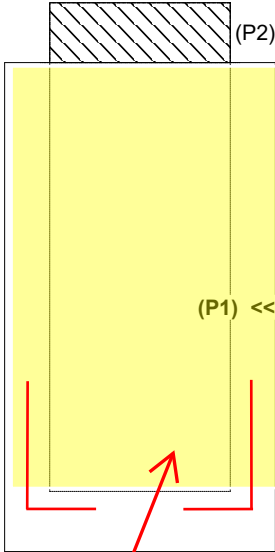
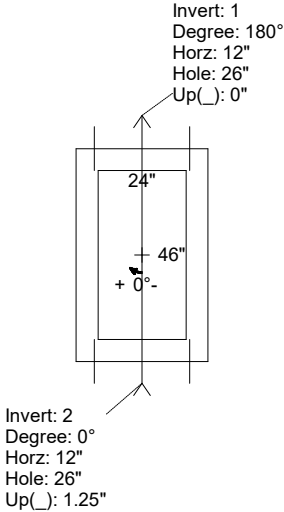
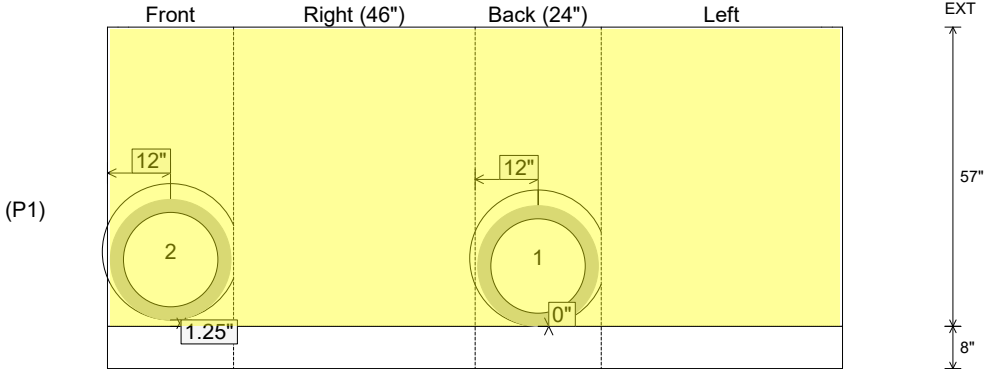
Floor Height: 8"

Height (Int): 57"

Height (Ext): 65"

Weight (Net): 5707 lb

Volume (Net): 1.46cu.yd

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RIGHT-SIDE UP VIEW (int. dimensions) UPSIDE-DOWN VIEW (int. dimenions)										
SECOND POUR DRAWING  2ND POUR (WALLS)						WEIGHTS FIRST POUR - 1,402 LBS SECOND POUR - 4,305 LBS TOTAL - 5,707 LBS NOTE: Lifters: 4 ea. 5CA14 CONAC A-anchors for plant & field handling - installed in 90 & 270 walls				
INSIDE WALL DIMENSIONS										
										
Coating (Int): Coating (Ext):			Seam Up: Flat Seam Dn: n/a		Wall Thickness: 6" Floor Height: 8"		Height (Int): 57" Height (Ext): 65"		Weight (Net): 5707 lb Volume (Net): 1.46cu.yd	