

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 11:22:18 AM

Tech: Jared - F

PC: E. Bradley



Structure ID: INLT-M104

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 - 68"

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

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

1) Hole - 22

0 lb

6825 lb

250 lb

0 lb

0 lb

0 lb

Structure Total: 7075 lb

NOTE:

Walls: 6"

Floor: 8"

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).

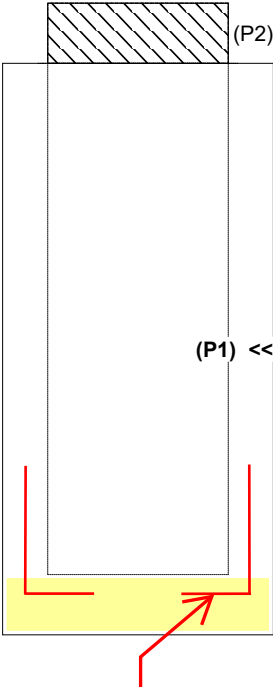
- WALLS (As .31) #5 BARS AT 12" C.C.E.W.

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

Rim: 850.42' Rim to Invert: 6.27' Slack: 1.49' Sump: 2.25' Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	844.15'	0°	18"	15" RCP B WALL	19.5"	Hole 22	22"	22"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

FIRST POUR DRAWING



1ST POUR (FLOOR)

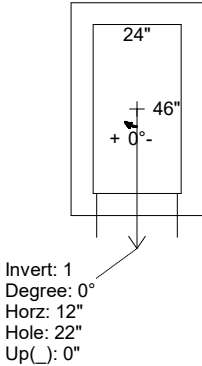
WET STICK 10" X 18" #5 L-BARS

@ 12" C.C.E.W. (GRADE 60) OUT

TOP OF FLOOR FOR WALL POUR

TIE-IN

RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimenions)

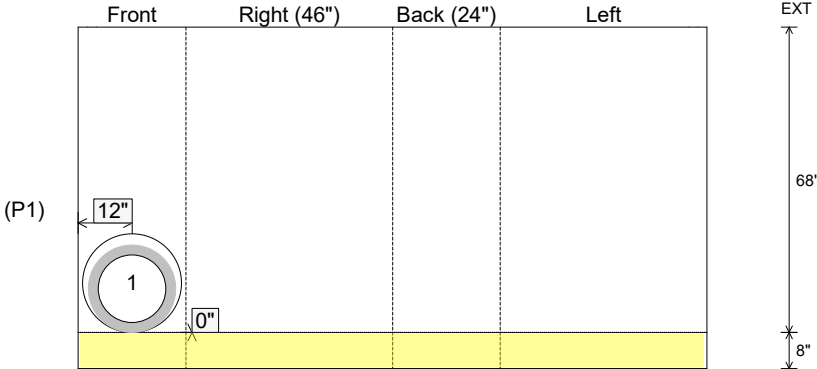
WEIGHTS

FIRST POUR - 1,402 LBS

SECOND POUR - 5,423 LBS

TOTAL - 6,825 LBS

INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 8"

Height (Int): 68"

Height (Ext): 76"

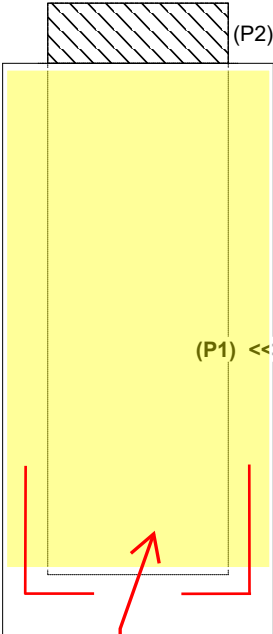
Weight (Net): 6825 lb

Volume (Net): 1.74cu.yd

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P2) 24" x 46" - CASTING HEIGHT - 8" P1) 24" x 46" - BOX BASE 6inW, 8inF, Variable Ht F/n - 68" 1) HOE R-3287-5 INDOT Type 5 FRAME & GRATE 1) 24" x 46" - Conseal CS-102 1.00" 1) Hole - 22 NOTE: Walls: 6" Floor: 8"					0 lb 6825 lb 250 lb 0 lb 0 lb ----- 0 lb Structure Total: 7075 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.			
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Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

SECOND POUR DRAWING



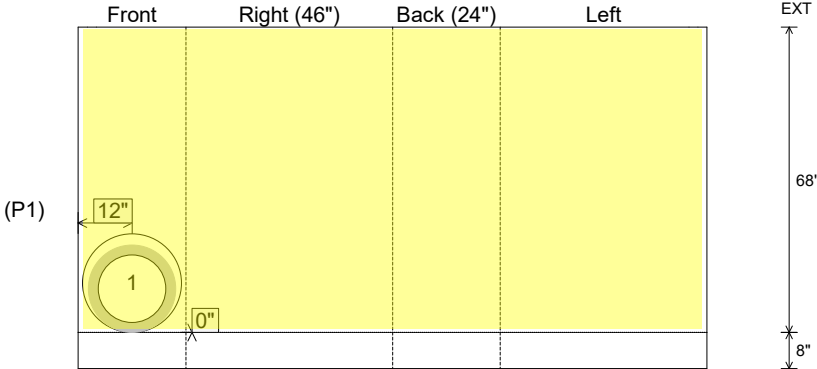
2ND POUR (WALLS)

UPSIDE-DOWN VIEW (int. dimensions)

WEIGHTS
FIRST POUR - 1,402 LBS
SECOND POUR - 5,423 LBS
TOTAL - 6,825 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): 68" Height (Ext): 76"	Weight (Net): 6825 lb Volume (Net): 1.74cu.yd
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