

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 11:22:28 AM		Tech: Jared - F PC: E. Bradley			
Structure ID: INLT-M155										
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 - 51" 1) HOE R-3287-5 INDOT Type 5 FRAME & GRATE 1) 24" x 46" - Conseal CS-102 1.00" 2) Hole - 26"					0 lb 5212 lb 250 lb 0 lb 0 lb ----- Structure Total: 5462 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: 569.57' Rim to Invert: 4.81' Slack: 1.22" Sump: 2.5" Step Position:										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	564.76'	180°	18"	18" RCP B WALL	23"	Hole 26	26"	25"	0"	0"
Invert 2	564.86'	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										

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. dimensions)

Invert: 1
Degree: 180°
Horz: 12"
Hole: 26"
Up(): 0"

Invert: 2
Degree: 0°
Horz: 12"
Hole: 26"
Up(): 1.25"

WEIGHTS
FIRST POUR - 1,402 LBS
SECOND POUR - 3,810 LBS
TOTAL - 5,212 LBS

INSIDE WALL DIMENSIONS

Front	Right (46")	Back (24")	Left

(P1)

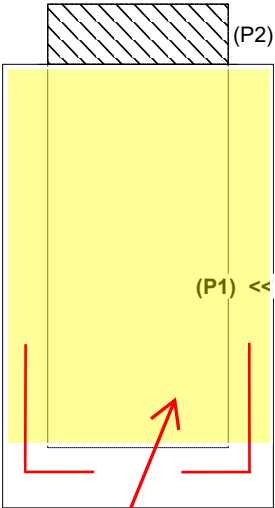
EXT
 51"
 8"

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 6" Floor Height: 8"	Height (Int): 51" Height (Ext): 59"	Weight (Net): 5212 lb Volume (Net): 1.33cu.yd
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Invert 5											
Invert 6											
Invert 7											
Invert 8											

RIGHT-SIDE UP VIEW (int. dimensions)

SECOND POUR DRAWING



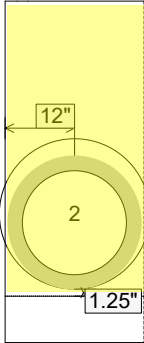
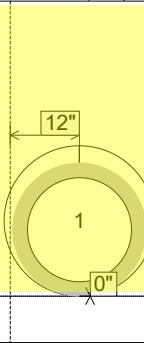
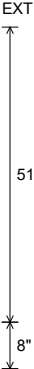
2ND POUR (WALLS)

UPSIDE-DOWN VIEW (int. dimensions)

WEIGHTS
FIRST POUR - 1,402 LBS
SECOND POUR - 3,810 LBS
TOTAL - 5,212 LBS

NOTE:
Lifters: 4 ea. 5CA14 CONAC
A-anchors for plant & field handling -
installed in 90 & 270 walls

INSIDE WALL DIMENSIONS

Front	Right (46")	Back (24")	Left	EXT
				
(P1)				

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 6" Floor Height: 8"	Height (Int): 51" Height (Ext): 59"	Weight (Net): 5212 lb Volume (Net): 1.33cu.yd
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