

Job Name: 26-2117 - The Preserve at Priest Lake

Job Location: Nashville, TN

Contractor: Bear Construction LLC

Plant: 100

8/5/2026 2:42:32 PM

Tech: J. Horsley

PC: T. Ryan



Structure ID: D2 ST-CI

P1 BX28280606VH

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

P2) 28" x 28" - CASTING HEIGHT - 7.50"

P1) 28" x 28" - BOX BASE 6inW, 6inF, Variable Ht F/n - 27"

1) 28" x 28" - STORM INVERT CHANNEL (FLAT) - 4" THK

1) CASTING - JBS 3101 Single Set (F/G/H)

1) 28" x 28" - Conseal CS-102 1.00"

1) Hole - 26

0 lb

2387 lb

450 lb

619 lb

0 lb

0 lb

Structure Total: 3456 lb

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.

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

3. CASTING BY ICAST (JBS 3300 F/G/H).

4. STORM INVERT CHANNEL REQUIRED.

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.

1ST POUR (BOX) = 2,387 LBS

2ND POUR (STORM INVERT) = 450 LBS

Rim: 529.29'

Rim to Invert: 2.7'

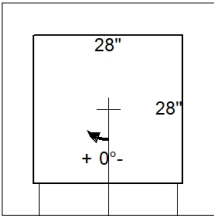
Slack: 0.396"

Sump: 2.496"

Step Position:

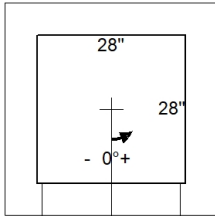
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	526.59'	0°	20"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

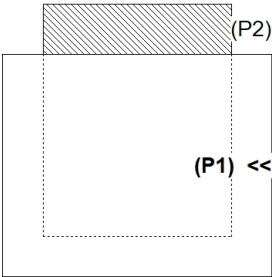


Invert: 1
Degree: 0
Horz: 14"
Hole: 26"
Up(): 0"

UPSIDE-DOWN VIEW (int. dimensions)

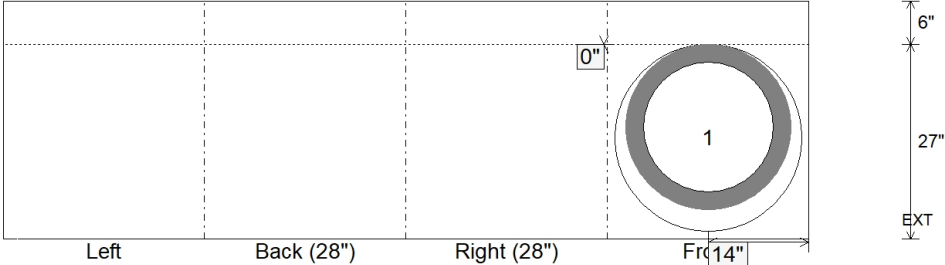


Invert: 1
Degree: 0
Horz: 14"
Hole: 26"
Up(): 0"



1ST POUR (BOX)

INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 6"

Height (Int): 27"

Height (Ext): 33"

Weight (Net): 2387 lb

Volume (Net): 0.61cu.yd

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2ND POUR (STORM INVERT) = 450 LBS

Rim: 529.29'

Rim to Invert: 2.7'

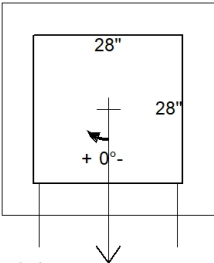
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Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



Invert: 1

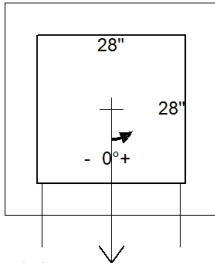
Degree: 0

Horz: 14"

Hole: 26"

Up: 0"

UPSIDE-DOWN VIEW (int. dimensions)



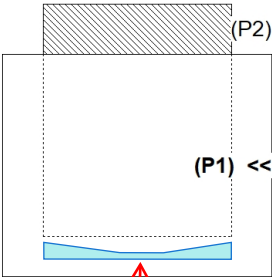
Invert: 1

Degree: 0

Horz: 14"

Hole: 26"

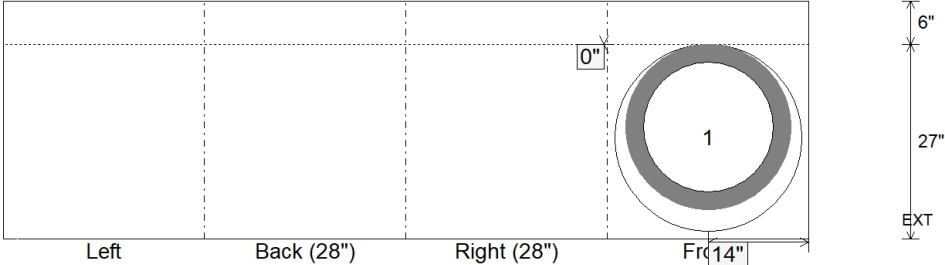
Up: 0"



2ND POUR (STORM INVERT)

FOR STORM INVERT ONLY

INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 6"

Height (Int): 27"

Height (Ext): 33"

Weight (Net): 2387 lb

Volume (Net): 0.61cu.yd