

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

Job Location: Nashville, TN

Contractor: Bear Construction LLC

Plant: 100

8/5/2026 2:42:33 PM

Tech: J. Horsley

PC: T. Ryan



Structure ID: D4 ST-CB

P1 BX2828-06BA48

BOX BASE 6inW, 6inF F/n

P2) 28" x 28" - CASTING HEIGHT - 6"

P1) 28" x 28" - BOX BASE 6inW, 6inF F/n - 48"

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

3825 lb

450 lb

619 lb

0 lb

0 lb

Structure Total: 4894 lb

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.

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

3. CASTING BY ICAST (JBS 4310 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.

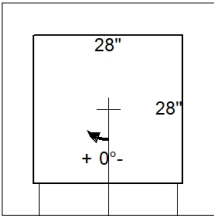
1ST POUR (BOX) = 3,825 LBS

2ND POUR (STORM INVERT) = 450 LBS

Rim: 531.89' Rim to Invert: 4.54' Slack: 2.976" Sump: 2.496" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	527.35'	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

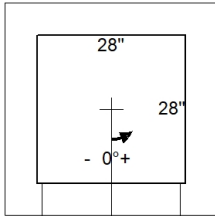
Degree: 0°

Horz: 14"

Hole: 26"

Up(): 0"

UPSIDE-DOWN VIEW (int. dimensions)



Invert: 1

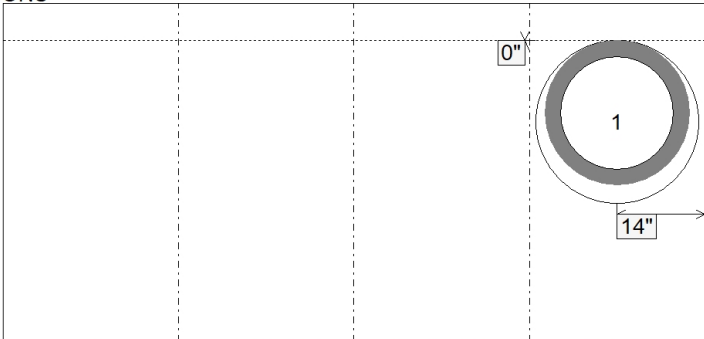
Degree: 0°

Horz: 14"

Hole: 26"

Up(): 0"

INSIDE WALL DIMENSIONS



Left

Back (28")

Right (28")

Front

6"

48"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 6"

Height (Int): 48"

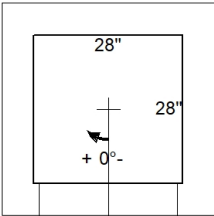
Height (Ext): 54"

Weight (Net): 3825 lb

Volume (Net): 0.98cu.yd

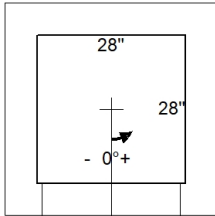
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Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)



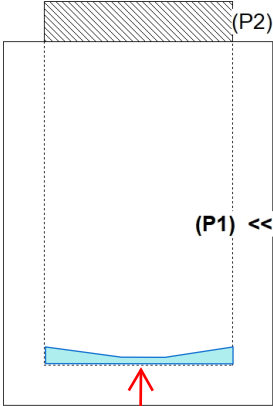
Invert: 1
Degree: 0°
Horz: 14"
Hole: 26"
Up(_): 0"

UPSIDE-DOWN VIEW (int. dimensions)



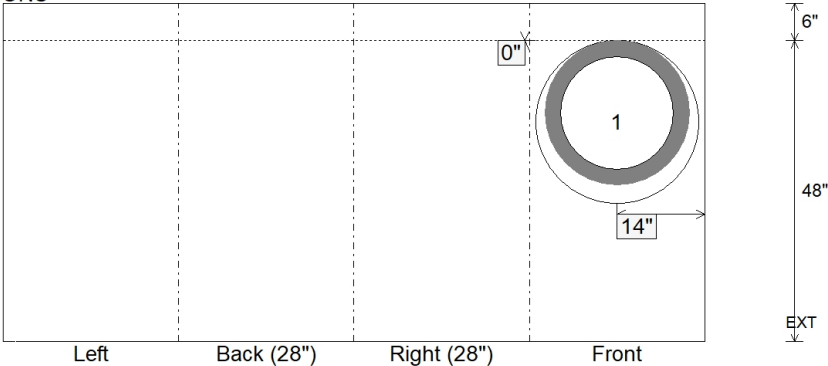
Invert: 1
Degree: 0°
Horz: 14"
Hole: 26"
Up(_): 0"

FOR STORM INVERT ONLY



2ND POUR
(STORM INVERT)

INSIDE WALL DIMENSIONS



Left Back (28") Right (28") Front

Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 6" Floor Height: 6"	Height (Int): 48" Height (Ext): 54"	Weight (Net): 3825 lb Volume (Net): 0.98cu.yd
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