

Job Name: 25-1401 Irwin Landing Ph. 1
Job Location: Murfreesboro, TN
Contractor: Bear Construction LLC

Plant: Beaver Dam
6/9/2026 10:36:51 AM

Tech: S. Felletter
PC: Erica Bradley



Structure ID: R3

P1 BX28280606VH

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

- P2) 28" x 28" - CASTING HEIGHT - 5"
P1) 28" x 28" - BOX BASE 6inW, 6inF, Variable Ht F/n - 47"
1) 28" x 28" - STORM INVERT CHANNEL (FLAT) - 4" THK
1) CASTING - JBS 3104-V SINGLE SET
1) 28" x 28" - Conseal CS-102 1.00"
2) Hole - 26"

0 lb
3489 lb
450 lb
250 lb
0 lb
0 lb

4189 lb

Structure Total:

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY ICAST (JBS-3104 SINGLE SET).

REINFORCING PER ASTM A615 (GRADE 60).

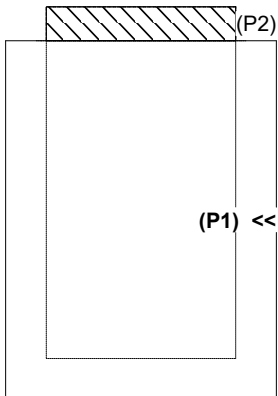
- WALLS (As .31) #5 BARS AT 12" C.C.E.W.
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 574.02' Rim to Invert: 4.15' Slack: 0.3' Sump: 2.5' Step Position:

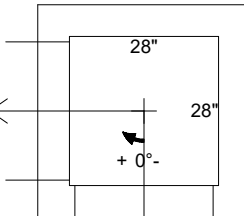
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	569.87'	90°	20"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 2	569.87'	0°	20"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

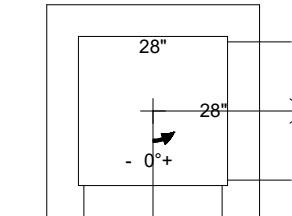
UPSIDE-DOWN VIEW (int. dimensions)



Invert: 1
Degree: 90°
Horz: 14"
Hole: 26"
Up(): 0"



Invert: 2
Degree: 0°
Horz: 14"
Hole: 26"
Up(): 0"

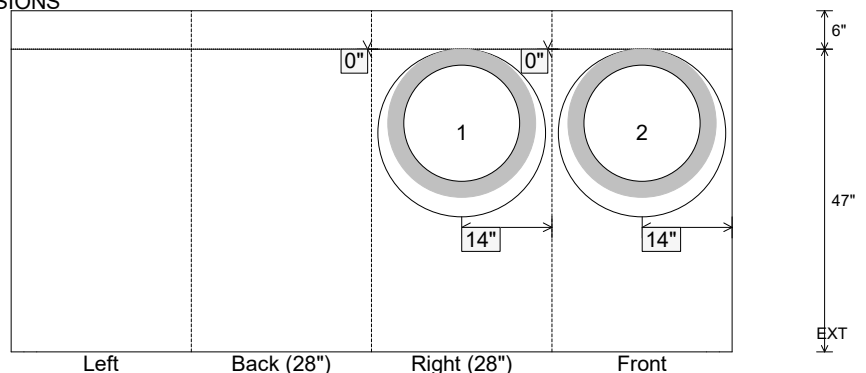


Invert: 2
Degree: 0°
Horz: 14"
Hole: 26"
Up(): 0"

Invert: 1
Degree: 90°
Horz: 14"
Hole: 26"
Up(): 0"

INSIDE WALL DIMENSIONS

(P1)



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 6"
Floor Height: 6"

Height (Int): 47"
Height (Ext): 53"

Weight (Net): 3489 lb
Volume (Net): 0.89cu.yd

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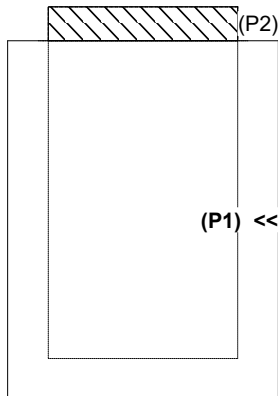
**Invert channel drawing
4" Thick flat storm invert**

Rim: 574.02' Rim to Invert: 4.15' Slack: 0.3" Sump: 2.5" Step Position:

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Invert 7										
Invert 8										

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UPSIDE-DOWN VIEW (int. dimensions)



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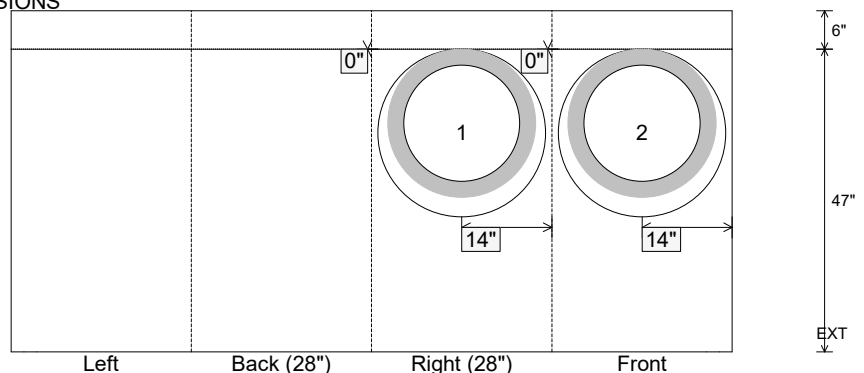
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