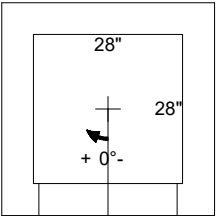


Job Name: 25-1401 Irwin Landing Ph. 1 Job Location: Murfreesboro, TN Contractor: Bear Construction LLC				Plant: Beaver Dam 6/9/2026 10:37:11 AM		Tech: S. Felletter PC: Erica Bradley				
Structure ID: R23										
P1 BX2828-06BA48				BOX BASE 6inW, 6inF F/n						
P2) 28" x 28" - CASTING HEIGHT - 5" P1) 28" x 28" - BOX BASE 6inW, 6inF F/n - 48" 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" 1) Hole - 26				0 lb 3825 lb 450 lb 250 lb 0 lb 0 lb ----- Structure Total: 4525 lb		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: 594.38' Rim to Invert: 4.38' Slack: 2.06" Sump: 2.5" Step Position:										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	590'	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										

(P2)

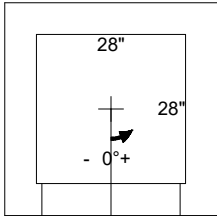
(P1) <<

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"

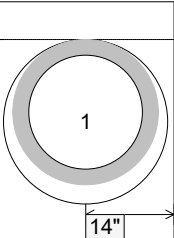
INSIDE WALL DIMENSIONS

(P1)

Left

Back (28")

Right (28")



1

14"

6"

48"

EXT

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
----------------------------------	-------------------------------	--	--	--

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

Plant: Beaver Dam
6/9/2026 10:37:11 AM

Tech: S. Felletter
PC: Erica Bradley



Structure ID: R23

P1 BX2828-06BA48

BOX BASE 6inW, 6inF F/n

- P2) 28" x 28" - CASTING HEIGHT - 5"
P1) 28" x 28" - BOX BASE 6inW, 6inF F/n - 48"
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"
1) Hole - 26

0 lb
3825 lb
450 lb
250 lb
0 lb
0 lb

Structure Total: 4525 lb

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.

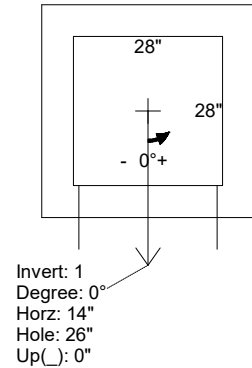
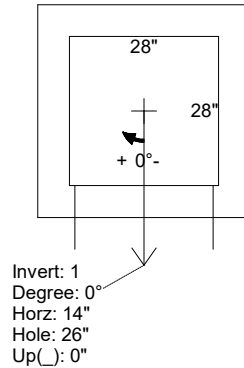
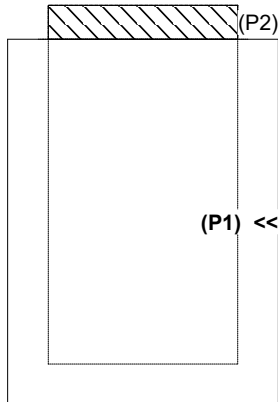
Invert channel drawing
4" Thick flat storm invert

Rim: 594.38' Rim to Invert: 4.38' Slack: 2.06" Sump: 2.5" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	590'	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										

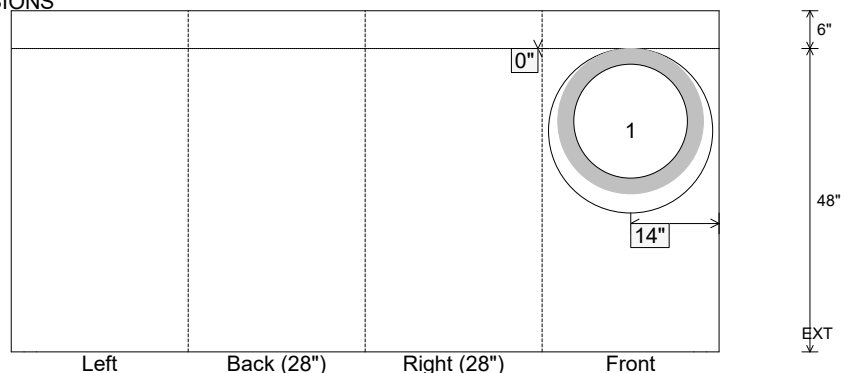
RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS

(P1)



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