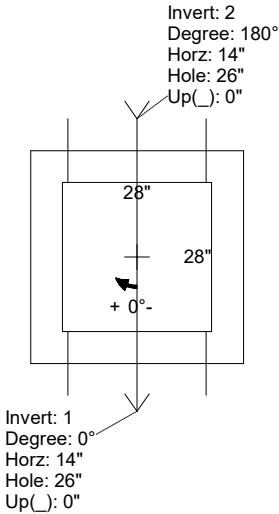
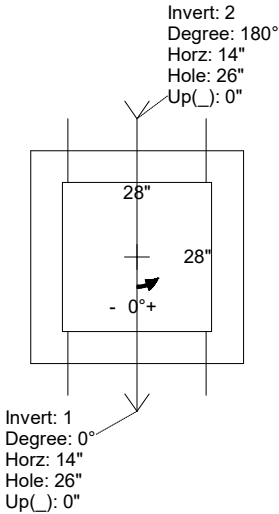


Job Name: 25-1401 Irwin Landing Ph. 1 Job Location: Murfreesboro, TN Contractor: Bear Construction LLC					Plant: Beaver Dam 6/9/2026 10:37:22 AM		Tech: S. Felletter PC: Erica Bradley				
Structure ID: R40											
P1 BX28280606VH BOX BASE 6inW, 6inF, Variable Ht F/n											
P2) 28" x 28" - CASTING HEIGHT - 5" P1) 28" x 28" - BOX BASE 6inW, 6inF, Variable Ht F/n - 45" 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 3352 lb 450 lb 250 lb 0 lb 0 lb ----- 4052 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: 571.15' Rim to Invert: 4.03' Slack: 0.86" Sump: 2.5" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	567.12'	0°	20"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"	
Invert 2	567.12'	180°	20"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

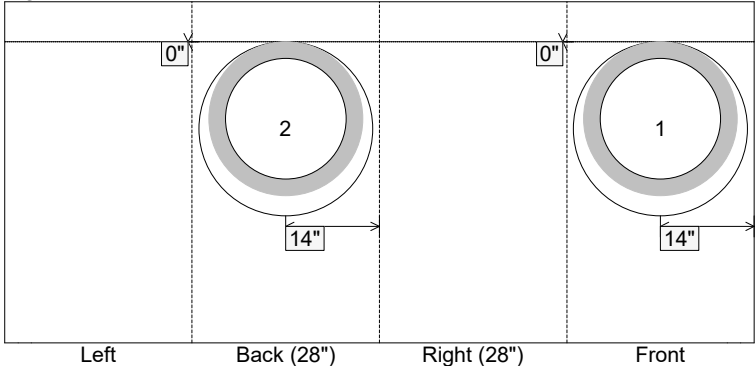
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: n/a

Wall Thickness: 6"
Floor Height: 6"

Height (Int): 45"
Height (Ext): 51"

Weight (Net): 3352 lb
Volume (Net): 0.86cu.yd

Job Name: 25-1401 Irwin Landing Ph. 1

Job Location: Murfreesboro, TN

Contractor: Bear Construction LLC

Plant: Beaver Dam

6/9/2026 10:37:22 AM

Tech: S. Felletter

PC: Erica Bradley



Structure ID: R40

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 - 45"

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

3352 lb

450 lb

250 lb

0 lb

0 lb

0 lb

Structure Total: 4052 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: 571.15'

Rim to Invert: 4.03'

Slack: 0.86"

Sump: 2.5"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	567.12'	0°	20"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
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Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

(P2)

(P1) <<

Invert: 2
Degree: 180°
Horz: 14"
Hole: 26"
Up(): 0"

28"

28"

+ 0°-

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

(P2)

(P1) <<

Invert: 2
Degree: 180°
Horz: 14"
Hole: 26"
Up(): 0"

28"

28"

- 0°+

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

INSIDE WALL DIMENSIONS

0"

2

14"

Left

0"

1

14"

Back (28")

0"

1

14"

Right (28")

0"

1

14"

Front

6"

45"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 6"

Height (Int): 45"

Height (Ext): 51"

Weight (Net): 3352 lb

Volume (Net): 0.86cu.yd