

Job Name: 25-1401 Irwin Landing Ph. 1

Job Location: Murfreesboro, TN

Contractor: Bear Construction LLC

Plant: Beaver Dam

6/9/2026 10:37:16 AM

Tech: S. Felletter

PC: Erica Bradley



Structure ID: R29

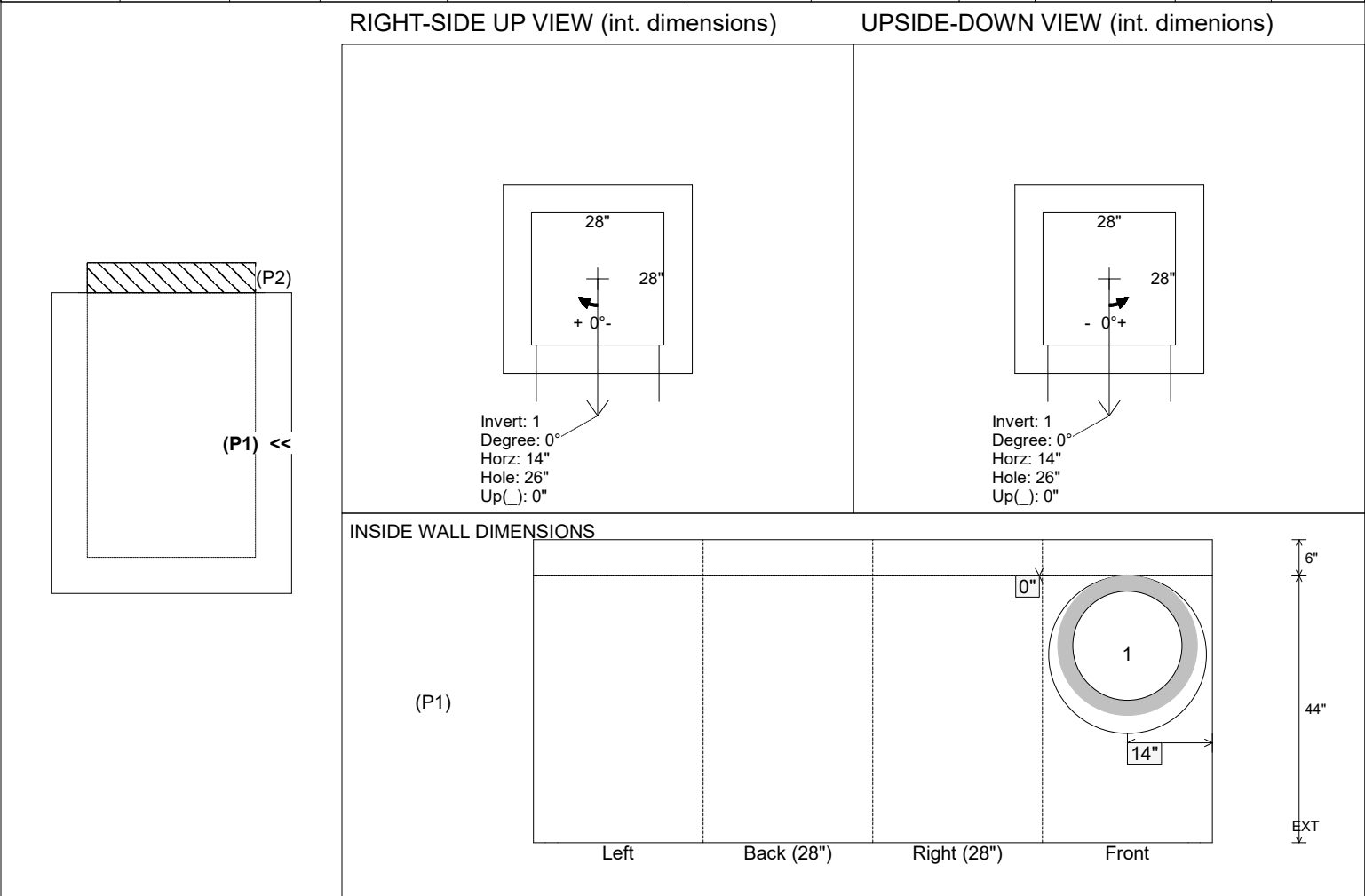
P1 BX28280606VH

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

P2) 28" x 28" - CASTING HEIGHT - 5"	0 lb	<u>Structure Notes:</u> . 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.
P1) 28" x 28" - BOX BASE 6inW, 6inF, Variable Ht F/n - 44"	3551 lb	
1) 28" x 28" - STORM INVERT CHANNEL (FLAT) - 4" THK	450 lb	
1) CASTING - JBS 3104-V SINGLE SET	250 lb	
1) 28" x 28" - Conseal CS-102 1.00"	0 lb	
1) Hole - 26	0 lb	
	----- 0 lb	
Structure Total:	4251 lb	

Rim: 578.51' Rim to Invert: 3.88' Slack: 0.06" Sump: 2.5" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	574.63'	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										



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 6" Floor Height: 6"	Height (Int): 44" Height (Ext): 50"	Weight (Net): 3551 lb Volume (Net): 0.91cu.yd
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1) CASTING - JBS 3104-V SINGLE SET

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

1) Hole - 26

0 lb

3551 lb

450 lb

250 lb

0 lb

0 lb

Structure Total: 4251 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).

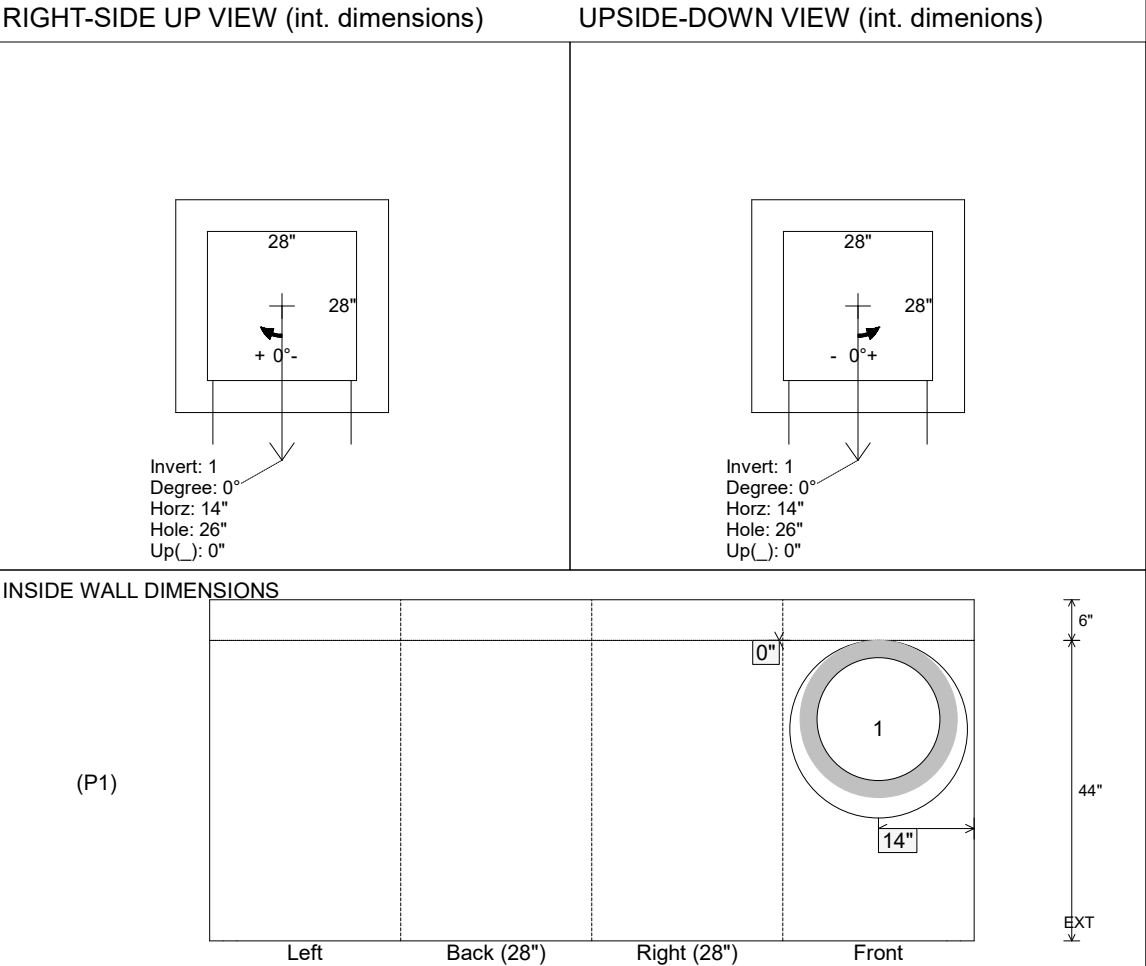
- WALLS (As .31) #5 BARS AT 12" C.C.E.W.

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

Invert channel drawing
4" Thick flat storm invert

Rim: 578.51' Rim to Invert: 3.88' Slack: 0.06" Sump: 2.5" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
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Invert 2										
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Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 6"

Height (Int): 44"

Height (Ext): 50"

Weight (Net): 3551 lb

Volume (Net): 0.91cu.yd