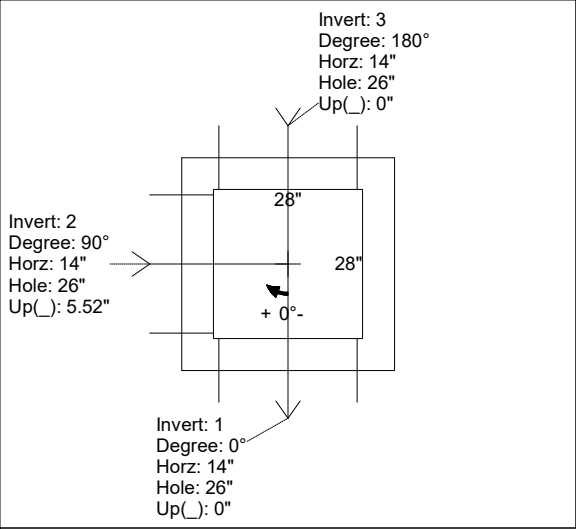
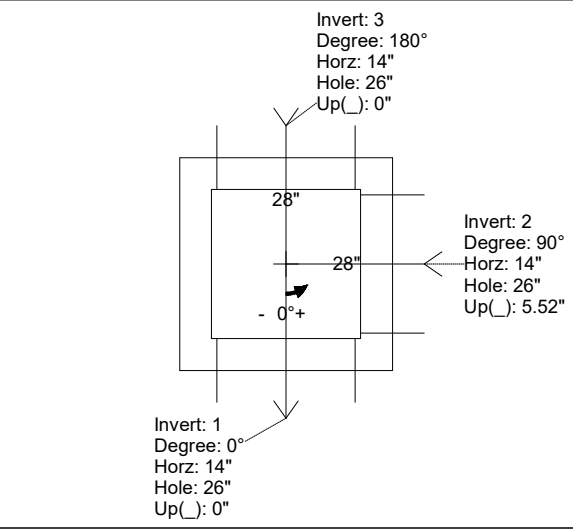


Job Name: 25-1401 Irwin Landing Ph. 1 Job Location: Murfreesboro, TN Contractor: Bear Construction LLC					Plant: Beaver Dam 6/9/2026 10:37:08 AM		Tech: S. Felletter PC: Erica Bradley				
Structure ID: R20											
P1		BX2828-06BA48		BOX BASE 6inW, 6inF F/n							
P3) 28" x 28" - CASTING HEIGHT - 5" P2) 28" x 28" - GRADE RING 6"W F/F - 3" 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 2) 28" x 28" - Conseal CS-102 1.00" 3) Hole - 26" Structure Total: 4196 lb					0 lb 205 lb 3290 lb 450 lb 250 lb 0 lb 0 lb ----- 4196 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: 590.65' Rim to Invert: 4.49' Slack: 0.38" Sump: 2.5" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	586.16'	0°	20"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"	
Invert 2	586.62'	90°	20"	18" RCP B WALL	23"	Hole 26	26"	26"	5.52"	0"	
Invert 3	586.16'	180°	20"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"	
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											

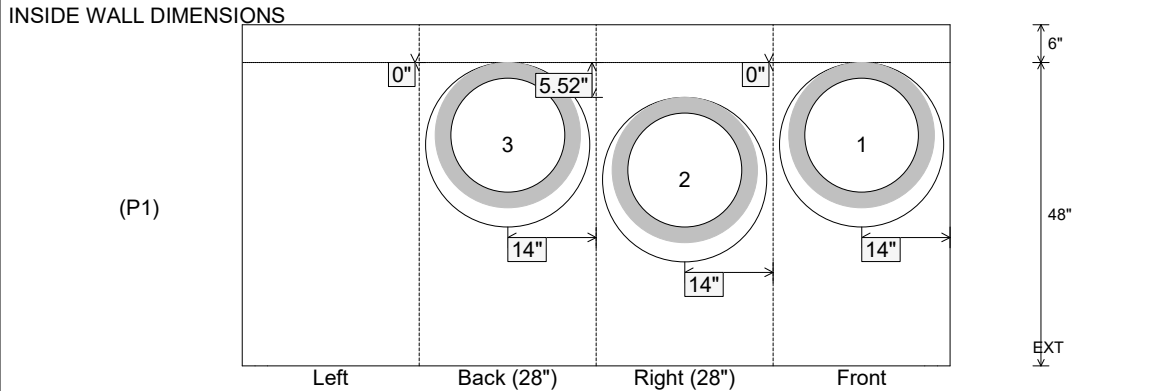
RIGHT-SIDE UP VIEW (int. dimensions)



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): 48" Height (Ext): 54"	Weight (Net): 3290 lb Volume (Net): 0.84cu.yd
----------------------------------	-------------------------------	--	--	--

Plant: Beaver Dam

6/9/2026 10:37:08 AM

Tech:	S. Felletter
PC:	Erica Bradley



P1 BX2828-06BA48

P3) 28" x 28" - CASTING HEIGHT - 5"
P2) 28" x 28" - GRADE RING 6"W F/F - 3"
P1) 28" x 28" - BOX BASE 6inW, 6inF F/m - 48"
1) 28" x 28" - STORM INVERT CHANNEL (FLAT) - 4" THK
1) CASTING - JBS 3104-V SINGLE SET
2) 28" x 28" - Conseal CS-102 1.00"
3) Hole - 26

0 lb
205 lb
3290 lb
450 lb
250 lb
0 lb
0 lb

4196 lb

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

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

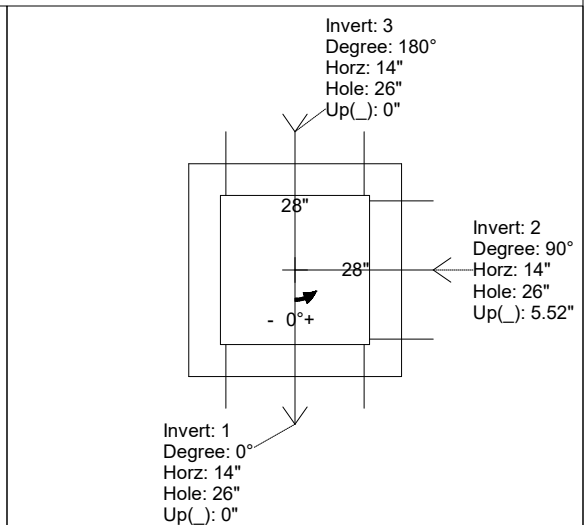
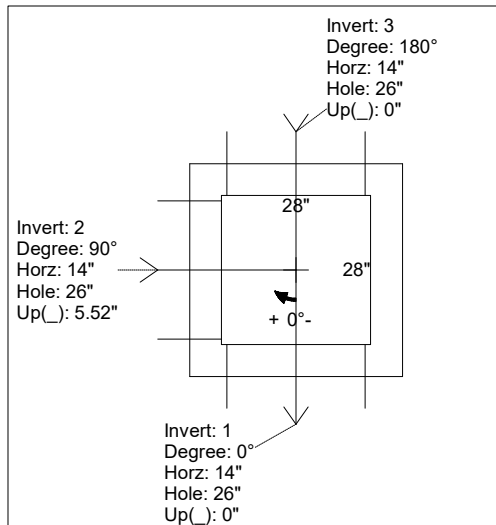
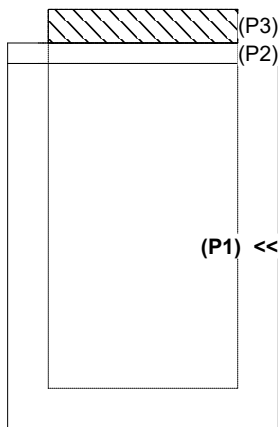
Invert channel drawing

4" Thick flat storm invert

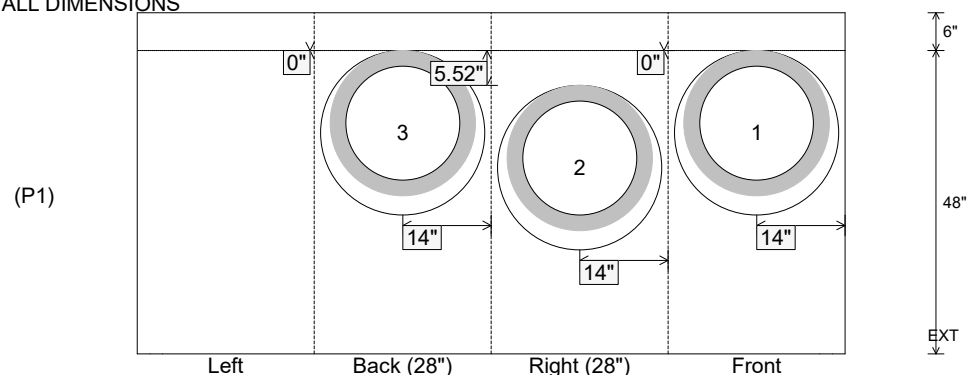
Rim: 590.65' Rim to Invert: 4.49' Slack: 0.38" Sump: 2.5" Step Position:

[illegible]

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): 48"
Height (Ext): 54"

Weight (Net): 3290 lb
Volume (Net): 0.84cu.yd