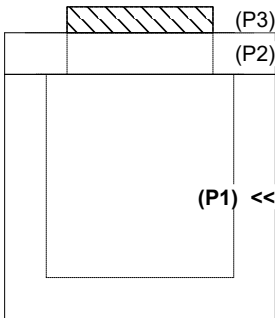
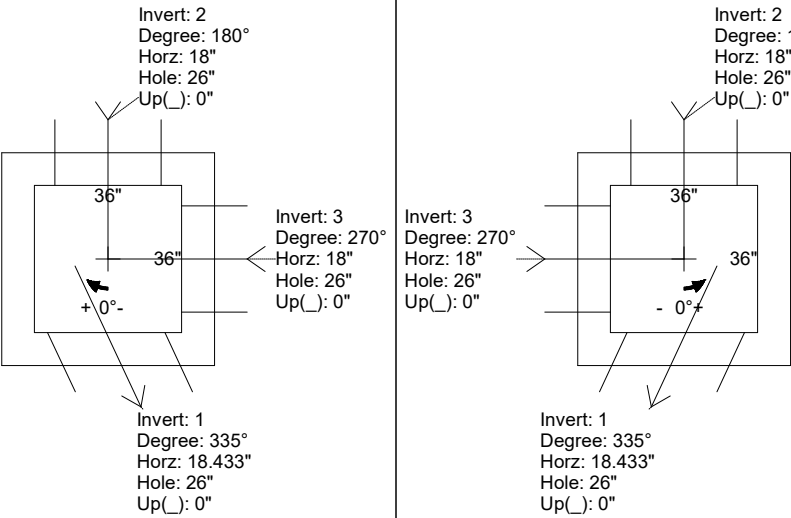


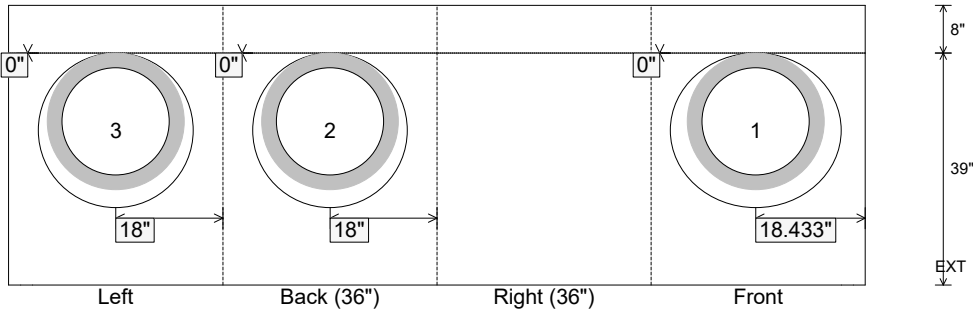
Job Name: 25-1401 Irwin Landing Ph. 1 Job Location: Murfreesboro, TN Contractor: Bear Construction LLC				Plant: Beaver Dam 6/9/2026 10:36:57 AM		Tech: S. Felletter PC: Erica Bradley				
Structure ID: R8										
P1 BX3636-08BAVF				BOX BASE 8inW, 8inF, Variable Ht F/n						
P3) 28" x 28" - CASTING HEIGHT - 5" P2) 36" x 36" - BX FLAT LID 8inW w/28"x28" HOLE F/F - 8" P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 39" 1) 36" x 36" - STORM INVERT CHANNEL (FLAT) - 4" THK 1) CASTING - JBS 3104-V SINGLE SET 1) 36" x 36" - SGL 1"x14.5' Butyl (2x) 3) Hole - 26"						0 lb 1289 lb 5317 lb 450 lb 250 lb 0 lb 0 lb ----- Structure Total: 7306 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). - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.. - WALLS (As .31) #5 BARS AT 12" C.C.E.W.. - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.		
Rim: 570.12' Rim to Invert: 4.17' Slack: 0.54" Sump: 2.5" Step Position:										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	565.95'	335°	22.703"	18" RCP B WALL	23"	Hole 26	26"	28.688"	0"	8"
Invert 2	565.95'	180°	26"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 3	565.95'	270°	26"	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: 8" Floor Height: 8"	Height (Int): 39" Height (Ext): 47"	Weight (Net): 5317 lb Volume (Net): 1.36cu.yd
----------------------------------	-------------------------------	--	--	--

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

Plant: Beaver Dam
6/9/2026 10:36:57 AM

Tech: S. Felletter
PC: Erica Bradley



Structure ID: R8

P1 BX3636-08BAVF

BOX BASE 8inW, 8inF, Variable Ht F/n

P3) 28" x 28" - CASTING HEIGHT - 5"
P2) 36" x 36" - BX FLAT LID 8inW w/28"x28" HOLE F/F - 8"
P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 39"
1) 36" x 36" - STORM INVERT CHANNEL (FLAT) - 4" THK
1) CASTING - JBS 3104-V SINGLE SET
1) 36" x 36" - SGL 1"x14.5' Butyl (2x)
3) Hole - 26"

0 lb
1289 lb
5317 lb
450 lb
250 lb
0 lb
0 lb

Structure Total: 7306 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).
- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
- WALLS (As .31) #5 BARS AT 12" C.C.E.W..
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

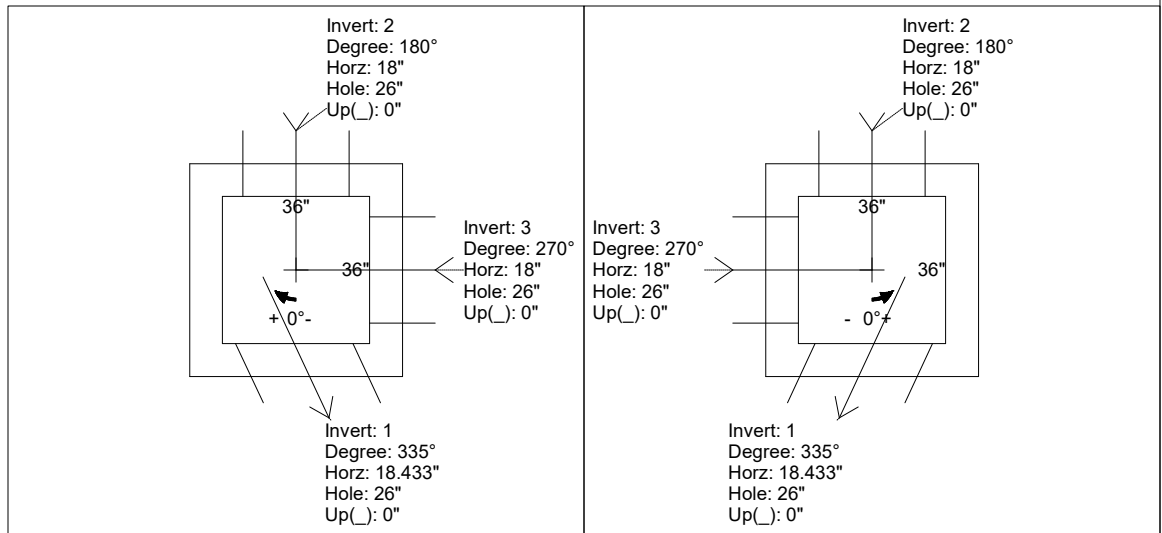
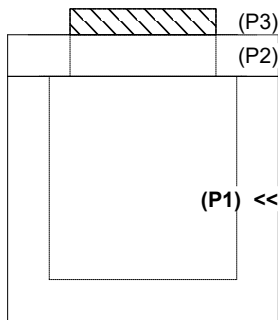
**Invert channel drawing
4" Thick flat storm invert**

Rim: 570.12' Rim to Invert: 4.17' Slack: 0.54' Sump: 2.5' Step Position:

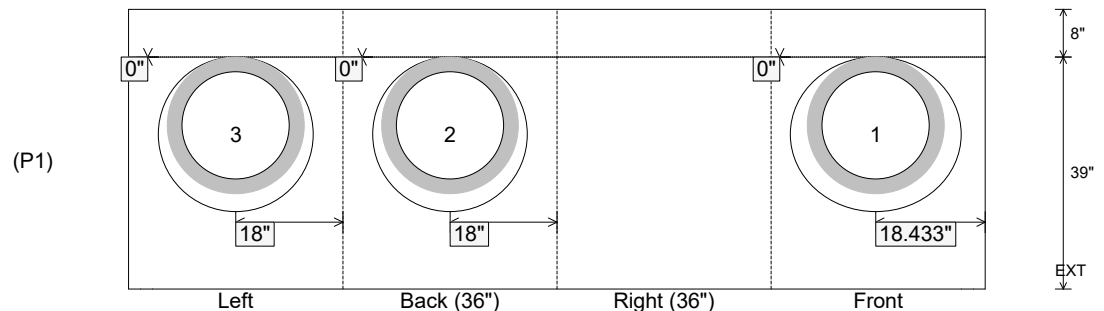
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	565.95'	335°	22.703"	18" RCP B WALL	23"	Hole 26	26"	28.688"	0"	8"
Invert 2	565.95'	180°	26"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 3	565.95'	270°	26"	18" RCP B WALL	23"	Hole 26	26"	26"	0"	0"
Invert 4										
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: 8"
Floor Height: 8"

Height (Int): 39"
Height (Ext): 47"

Weight (Net): 5317 lb
Volume (Net): 1.36cu.yd