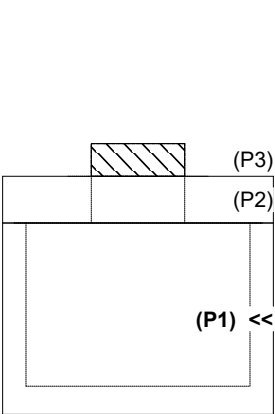
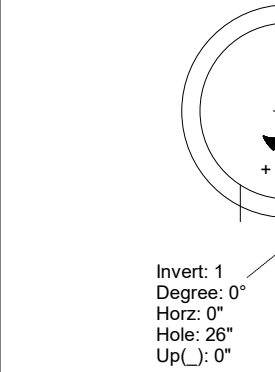
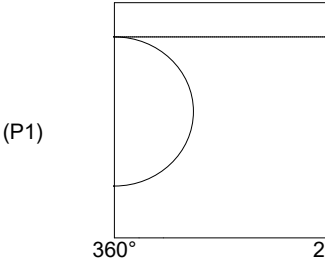


Job Name: 25-1401 Irwin Landing Ph. 1 Job Location: Murfreesboro, TN Contractor: Bear Construction LLC					Plant: Beaver Dam 6/9/2026 10:37:27 AM		Tech: S. Felletter PC: Erica Bradley																
Structure ID: R52																							
P1		MH048BAVF																					
P3) 20" x 34" - CASTING HEIGHT - 7" P2) 48" - MH FLAT TOP - TDOT NO 10 (20"x34" Hole) F/F - 10" P1) 48" - MH BASE Custom Ht F/n - 35" 1) 48" - STORM INVERT CHANNEL - 1/4 HEIGHT 1) CASTING - JBS 3123 MODIFIED SET 1) 48" - SGL 1"x14.5' Butyl (2x) 1) Hole - 26					0 lb 1646 lb 3542 lb 1075 lb 250 lb 0 lb 0 lb ----- 6513 lb		Structure Notes: . 1. PER TDOT D-CB-10RA / ASTM C478 SPEC'S. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. NO INVERT CHANNEL. 4. CASTING BY ICAST (JBS-3123 MOD SET). REINFORCING PER ASTM A615 (GRADE 60). ** PER TDOT STD DRAWING D-CB-10RA ** - TOP SLAB - DBL MAT #5 BARS. - RISER (As .24) - FLOOR (As .62) #5 BARS AT 6" C.C.E.W.																
Rim: 566.1'					Rim to Invert: 4.13'		Slack: 0.06"		Sump: 2.5"		Step Position:												
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset													
Invert 1	561.97'	0°	0"	18" RCP B WALL	23"	Hole 26	26"	27.476"	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. dimenions)											
																							
INSIDE WALL DIMENSIONS																							
Coating (Int): Coating (Ext):				Seam Up: Flat Seam Dn: n/a				Wall Thickness: 5" Floor Height: 6"				Height (Int): 35" Height (Ext): 41"				Weight (Net): 3542 lb Volume (Net): 0.9cu.yd							

Job Name: 25-1401 Irwin Landing Ph. 1

Job Location: Murfreesboro, TN

Contractor: Bear Construction LLC

Plant: Beaver Dam

6/9/2026 10:37:27 AM

Tech: S. Felletter

PC: Erica Bradley



Structure ID: R52

P1MH048BAVF

MH BASE Custom Ht F/n

P3) 20" x 34" - CASTING HEIGHT - 7"

P2) 48" - MH FLAT TOP - TDOT NO 10 (20"x34" Hole) F/F - 10"

P1) 48" - MH BASE Custom Ht F/n - 35"

1) 48" - STORM INVERT CHANNEL - 1/4 HEIGHT

1) CASTING - JBS 3123 MODIFIED SET

1) 48" - SGL 1"x14.5' Butyl (2x)

1) Hole - 26

0 lb

1646 lb

3542 lb

1075 lb

250 lb

0 lb

0 lb

Structure Total: 6513 lb

Structure Notes:

1. PER TDOT D-CB-10RA / ASTM C478 SPEC'S.

2. CONCRETE = 4,000 PSI AT 28 DAYS.

3. NO INVERT CHANNEL.

4. CASTING BY ICAST (JBS-3123 MOD SET).

REINFORCING PER ASTM A615 (GRADE 60).

** PER TDOT STD DRAWING D-CB-10RA **

- TOP SLAB - DBL MAT #5 BARS.

- RISER (As .24)

- FLOOR (As .62) #5 BARS AT 6" C.C.E.W.

Rim: 566.1' Rim to Invert: 4.13' Slack: 0.06" Sump: 2.5" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	561.97'	0°	0"	18" RCP B WALL	23"	Hole 26	26"	27.476"	0"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P3)

(P2)

(P1) <<

+ 0°-

Invert: 1

Degree: 0°

Horz: 0"

Hole: 26"

Up(): 0"

- 0°+

Invert: 1

Degree: 0°

Horz: 0"

Hole: 26"

Up(): 0"

INSIDE WALL DIMENSIONS

(P1)

0°

360°

270°

180°

90°

0°

6"

35"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 5"

Floor Height: 6"

Height (Int): 35"

Height (Ext): 41"

Weight (Net): 3542 lb

Volume (Net): 0.9cu.yd