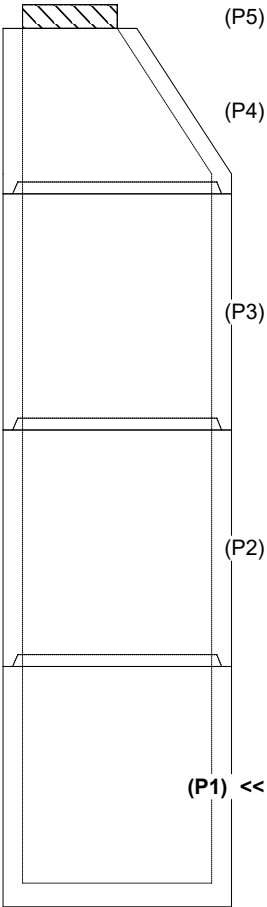
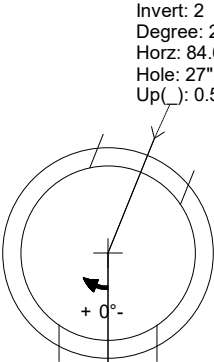


Job Name: 25-2541 WARTRACE CREEK INTERCEPTOR Job Location: Springfield, TN Contractor: Cumberland Pipeline LLC					Plant: Beaver Dam 8/7/2025 12:43:02 PM		Tech: C. Russ PC: E.Bradley				
Structure ID: SF-104 R EMAKE											
P1 MH048BAVFX			MH BASE Custom Ht, w/XYPEX T/n								
P5) 24" - CASTING HEIGHT - 6" P4) 48" - ECC XYPEX CONE w/ 24" HOLE F/G - 42" P3) 48" - MH RISER w/XYPEX T/G - 60" P2) 48" - MH RISER w/XYPEX T/G - 60" P1) 48" - MH BASE Custom Ht, w/XYPEX T/n - 55" 1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT 1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212 1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.) 3) 48" - DBL 1"x14.5' Butyl (2x) 2) A-Lok - 0820						0 lb 3116 lb 4192 lb 4192 lb 4667 lb 1440 lb 0 lb 0 lb 0 lb 2 lb ----- 17609 lb		Structure Notes: 1. PER ASTM C478 SPECIFICATIONS. 2. CONCRETE = 4,000 PSI AT 28 DAYS. 3. JBS 1155 "SANITARY" PROVIDED BY ICAST 4. NO STEPS REINFORCING PER ASTM A615 (GRADE 60). - CONE (As .12) - RISER (As .12) - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.			
Rim: 609.62' Rim to Invert: 18.47' Slack: 0.64" Sump: 2" Step Position:											
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset	
Invert 1	591.15'	0°	0"	24" DI	25.75"	A-Lok 0820	27"	28.676"	0.5"	0"	
Invert 2	591.15'	202°	102.241"	24" DI	25.75"	A-Lok 0820	27"	28.676"	0.5"	0"	
Invert 3											
Invert 4											
Invert 5											
Invert 6											
Invert 7											
Invert 8											



(P5)
(P4)
(P3)
(P2)
(P1) <<

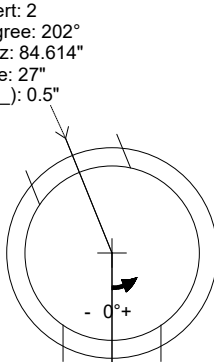
RIGHT-SIDE UP VIEW (int. dimensions)



Invert: 2
Degree: 202°
Horz: 84.614"
Hole: 27"
Up(): 0.5"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 27"
Up(): 0.5"

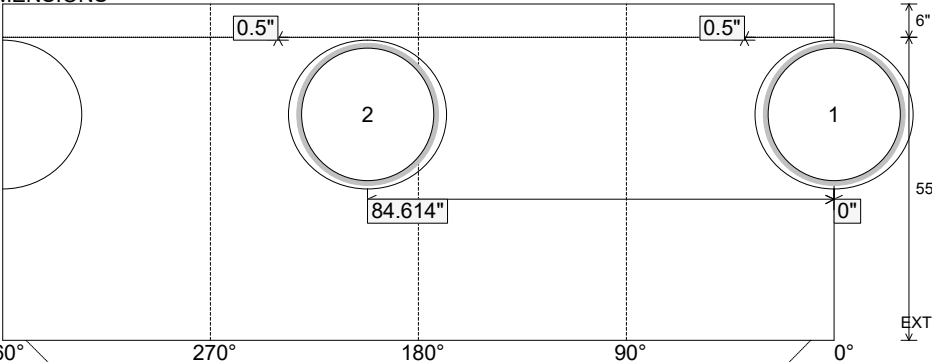
UPSIDE-DOWN VIEW (int. dimensions)



Invert: 2
Degree: 202°
Horz: 84.614"
Hole: 27"
Up(): 0.5"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 27"
Up(): 0.5"

INSIDE WALL DIMENSIONS



(P1)

360° 270° 180° 90° 0°

0.5" 0.5" 6" 55" EXT

84.614" 0"

Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 6"	Height (Int): 55" Height (Ext): 61"	Weight (Net): 4667 lb Volume (Net): 1.19cu.yd
----------------------------------	---------------------------------	--	--	--

Job Name: 25-2541 WARTRACE CREEK INTERCEPTOR

Job Location: Springfield, TN

Contractor: Cumberland Pipeline LLC

Plant: Beaver Dam

8/7/2025 12:43:10 PM

Tech: C. Russ

PC: E.Bradley



Structure ID: SF-104 R EMAKE

P1MH048BAVFX

MH BASE Custom Ht, w/XYPEX T/n

P5) 24" - CASTING HEIGHT - 6"

P4) 48" - ECC XYPEX CONE w/ 24" HOLE F/G - 42"

P3) 48" - MH RISER w/XYPEX T/G - 60"

P2) 48" - MH RISER w/XYPEX T/G - 60"

P1) 48" - MH BASE Custom Ht, w/XYPEX T/n - 55"

1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT

1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212

1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)

3) 48" - DBL 1"x14.5' Butyl (2x)

2) A-Lok - 0820

0 lb

3116 lb

4192 lb

4192 lb

4667 lb

1440 lb

0 lb

0 lb

0 lb

2 lb

17609 lb

Structure Total:

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.

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

3. JBS 1155 "SANITARY" PROVIDED BY ICAST

4. NO STEPS

REINFORCING PER ASTM A615 (GRADE 60).

- CONE (As .12)

- RISER (As .12)

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

Rim: 609.62'

Rim to Invert: 18.47'

Slack: 0.64"

Sump: 2"

Step Position:

INVERT

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	591.15'	0°	0"	24" DI	25.75"	A-Lok 0820	27"	28.676"	0.5"	0"
Invert 2	591.15'	202°	102.241"	24" DI	25.75"	A-Lok 0820	27"	28.676"	0.5"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P5)

(P4)

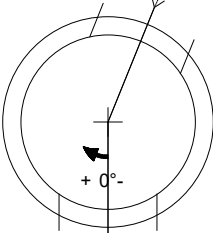
(P3)

(P2)

(P1) <<

RIGHT-SIDE UP VIEW (int. dimensions)

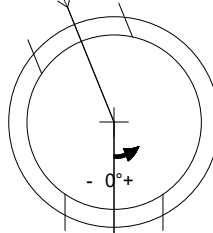
Invert: 2
Degree: 202°
Horz: 84.614"
Hole: 27"
Up(): 0.5"



Invert: 1
Degree: 0°
Horz: 0"
Hole: 27"
Up(): 0.5"

UPSIDE-DOWN VIEW (int. dimensions)

Invert: 2
Degree: 202°
Horz: 84.614"
Hole: 27"
Up(): 0.5"



Invert: 1
Degree: 0°
Horz: 0"
Hole: 27"
Up(): 0.5"

INSIDE WALL DIMENSIONS

(P1)

0.5"

84.614"

0"

55"

6"

EXT

360°

270°

180°

90°

0°

2

1

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 5"

Floor Height: 6"

Height (Int): 55"

Height (Ext): 61"

Weight (Net): 4667 lb

Volume (Net): 1.19cu.yd