

Job Name: 25-2541 WARTRACE CREEK INTERCEPTOR

Job Location: Springfield, TN

Contractor: Cumberland Pipeline LLC

Plant: Beaver Dam

8/7/2025 12:38:26 PM

Tech: C. Russ

PC: E.Bradley



Structure ID: SF-102 Remake

P2 MH048RS72X

MH RISER w/XYPEX T/G

P5) 24" - CASTING HEIGHT - 6"

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

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

P2) 48" - MH RISER w/XYPEX T/G - 72"

P1) 48" - MH BASE Custom Ht, w/XYPEX T/n - 38"

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

1738 lb

3353 lb

5030 lb

3480 lb

1440 lb

0 lb

0 lb

0 lb

2 lb

Structure Total:

15043 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: 606.13'

Rim to Invert: 15.51'

Slack: 0.12"

Sump: 2"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

(P5)

(P4)

(P3)

(P2) <<

(P1)

RIGHT-SIDE UP VIEW (int. dimensions)

INSIDE WALL DIMENSIONS

0°

90°

180°

270°

360°

EXT

72"

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Groove

Wall Thickness: 5"

Floor Height: 0"

Height (Int): 72"

Height (Ext): 72"

Weight (Net): 5030 lb

Volume (Net): 1.28cu.yd