

Job Name: 25-4288 - Project Wave

Job Location: Franklin, KY 42134

Contractor: Cumberland Pipeline LLC

Plant: 100

9/2/2026 8:41:41 AM

Tech:

PC: Erica Bradley

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: A13

P3MH048RS60X

MH RISER w/XYPEX T/G

P6) 24" - CASTING HEIGHT - 7"

P5) 24" - XYPEX GRADE RING F/F - 3"

P4) 48" - ECC XYPEX CONE w/ 24" HOLE F/G - 36"

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

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

P1) 48" - MH BASE w/DROP/XYPEX T/n - 30"

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

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

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

1) CASTING - JBS 1150 F/C SANITARY

3) 48" - Conseal CS-102 1.00" (Double)

2) 24" - Conseal CS-102 1.00" (Double)

2) PSX - 12-08 NYLO

1) Drop Tee - 8" PVC

1) Drop Elbow - 8" PVC

15) MH Step ML-10-TDS-NCR - 10"

0 lb

202 lb

2251 lb

4192 lb

4168 lb

3306 lb

0 lb

0 lb

1440 lb

250 lb

0 lb

0 lb

16 lb

0 lb

0 lb

0 lb

0 lb

Structure Notes: 1. PER ASTM C-478 SPECIFICATIONS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT: PER ASTM A615

4. INVERT CHANNEL REQUIRED

5. STEPS AT 0 DEGREES

6. JBS 1150 FRAME & COVER "SANITARY" SUPPLIED BY ICAST

7. EXTERIOR DROP @ 270 DEGREES.

Rim: 730.27'

Rim to Invert: 16.22'

Slack: 0.64"

Sump: 2"

Structure Total: 40825 lb

Step Position: 0°

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										

RIGHT-SIDE UP VIEW (int. dimensions)

(P6)

(P5)

(P4)

(P3) <<

(P2)

(P1)

0°

90°

180°

270°

360°

EXT

60"

Step: 0°

Horz: 0"

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Groove

Wall Thickness: 5"

Floor Height: 0"

Height (Int): 60"

Height (Ext): 60"

Weight (Net): 4192 lb

Volume (Net): 1.07cu.yd