

Job Name: 25-3118 - W6 Ph 2-C Force Main Improvements

Job Location: Fort Mitchell, KY 41017

Contractor: Lykins Contracting

Plant: 100

6/2/2026 8:12:42 AM

Tech: J. Horsley - A

PC: Celina Goff

INFRASTRUCTURE

ICAST

PRECAST

Structure ID: 2280813 (Rev)

P4MH048RS60MH RISER T/G

P6) 24" - CASTING HEIGHT - 7"

P5) 48" - CON CONE w/24" HOLE F/G - 24"

P4) 48" - MH RISER T/G - 60"

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

P2) 48" - MH RISER w/DROP Custom Ht T/G - 72"

P1) 48" - MH BASE (12"F) w/DROP Custom Ht T/n - 42"

1) 48" - MH INVERT CHANNEL - FULL HEIGHT

4) 48" - Conseal CS-102 1.00" (Double)

1) 24" - Conseal CS-102 1.00" (Double)

2) Kor-N-Seal2 - S206-28

1) Drop Tee - 8" PVC

1) Drop Elbow - 8" PVC

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

0 lb

2252 lb

4192 lb

5393 lb

8128 lb

7349 lb

1440 lb

0 lb

0 lb

13 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. STEPS AT 90 DEGREES

5. 7" CASTING SUPPLIED BY OTHERS

Structure Total: 28766 lb

Rim: 772.25'

Rim to Invert: 21'

Slack: 1.309"

Sump: 2.309"

Step Position: 90°

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										

(P6)

(P5)

(P4) <<

(P3)

(P2)

(P1)

RIGHT-SIDE UP VIEW (int. dimensions)

Step: 90°

Horz: 37.75"

+ 0°-

INSIDE WALL DIMENSIONS

0°

90°

180°

270°

360°

60"

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