

Job Name: 26-1466 - Lower Mill Creek HWDW Protection

Job Location: Cincinnati, OH

Contractor: Sunesis Construction

Plant: 100

7/22/2026 12:40:05 PM

Tech: Jared - F

PC: E. Bradley



Structure ID: 240-9 SS-MH

P4MH048RS60

MH RISER T/G

P6) 24" - CASTING HEIGHT - 7.25"

P5) 48" - CON CONE w/24" HOLE F/G - 36"

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

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

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

P1) 48" - MH BASE (08"F) T/n - 36"

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

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

1) 48" - MH INVERT CHANNEL - FULL HEIGHT

4) 48" - Hamilton Kent MH Gasket

1) Kor-N-Seal2 - S206-22

1) Kor-N-Seal2 - S206-28

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

0 lb

2252 lb

4192 lb

4192 lb

5030 lb

3851 lb

0 lb

0 lb

0 lb

1440 lb

0 lb

6 lb

6 lb

0 lb

Structure Total: 20969 lb

Structure Notes:

1. PER CINCINNATI MSD / ASTM C478 SPECIFICATIONS.

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

3. CASTING SUPPLIED BY OTHERS.

REINFORCING PER ASTM A615 (GRADE 60).

- CONE (As .12)

- RISER/WALLS (As .12)

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

Rim: 497.4'

Rim to Invert: 22.53'

Slack: 1.11"

Sump: 2"

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°

EXT

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