

Job Name: 26-1549 Cowan St. Trunk Sewer

Job Location: Nashville, TN

Contractor: Garney Companies, Inc.

Plant: 100

8/24/2026 11:21:13 AM

Tech: Jared - A

PC: Jay Ross Jarvis



Structure ID: MH-21-7 SS-MH

P2MH060R72XS

MH RISER w/XYPEX SPECIAL

P5) 24" - CASTING HEIGHT - 7.50"

P4) 60" - XYPEX MH FLAT TOP w/24" CC Hole - 13"

P3) 60" - MH RISER w/XYPEX SPECIAL - 48"

P2) 60" - MH RISER w/XYPEX SPECIAL - 72"

P1) 60" - MH BASE EF (08F/07EF) XYPEX - 38"

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

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

1) ADMIXTURE XYPEX C-1000 RED

1) 60" - MH INVERT CHANNEL - FULL HEIGHT

1) SECONDARY POUR - EXT. FLANGE

1) CASTING - JBS 1123 WT F/C Sanitary

3) 60" - Conseal CS-102 1.00" (Double)

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

1) Kor-N-Seal2 - S206-30 (DBL Bands)

1) PSX - 12M DD (DBL Bands)

0 lb

2701 lb

5011 lb

7516 lb

7439 lb

0 lb

0 lb

0 lb

2692 lb

0 lb

250 lb

0 lb

0 lb

6 lb

8 lb

Structure Notes:

PLAN LABEL: MH-21

1. JBS 1123 WT F/C SANITARY PROVIDED BY ICAST.

2. PER ASTM C478 SPECIFICATIONS.

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

4. ADMIXTURE = XYPEX C-1000 RED.

5. REINFORCING PER ASTM A615 (GRADE 60).

- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.

- RISER/WALLS (As .18)

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

6. DOUBLE BANDS FOR BOOTS

7. **NO STEPS**

Rim: 417.06'

Rim to Invert: 14.7'

Slack: 0.9"

Sump: 3'

Structure Total: 25624 lb

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										

RIGHT-SIDE UP VIEW (int. dimensions)

(P5)

(P4)

(P3)

(P2) <<

(P1)

+ 0°-

INSIDE WALL DIMENSIONS

0°

90°

180°

270°

360°

EXT

72"

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: Groove

Wall Thickness: 6"

Floor Height: 0"

Height (Int): 72"

Height (Ext): 72"

Weight (Net): 7516 lb

Volume (Net): 1.92cu.yd