

Job Name: 25-3579 - Lebanon Rd Clarks Run Trunk Sewer Ph 2

Job Location: Danville, KY

Contractor: Hubert Excavating & Contracting

Plant: 100

8/21/2026 12:57:35 PM

Tech: J. Horsley

PC: C. Goff



Structure ID: MH E1

P1 MH048BAEVF

MH BASE w/FLANGE (08F/08EF) w/Coating T/n

P4) 24" - CASTING HEIGHT - 7"

P3) 48" - ECC CONE w/ 24" HOLE, w/Coating F/G - 42"

P2) 48" - MH RISER w/COATING T/G - 24"

P1) 48" - MH BASE w/FLANGE (08F/08EF) w/Coating T/n - 24"

1) 48" - MH INVERT CHANNEL - FULL HEIGHT

1) JOINT WRAP - 12" WD x 048" MAC WRAP

1) SPECIAL EXTERNAL COATING

2) 48" - Conseal CS-102 1.00" (Double)

2) PSX - 16M NYLO

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

117.49 SqFt) Carboline Bitumastic 300M [EXT]

0 lb

3116 lb

1677 lb

4392 lb

1440 lb

0 lb

0 lb

0 lb

16 lb

0 lb

0 lb

Structure Total: 10641 lb

Structure Notes: 1. PER ASTM C478 SPECIFICATIONS.

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

3. CASTING BY OTHERS (HOE WT-375 SAN. F/C).

4. ALL PIECES TO HAVE EXTERIOR COATING (CARBOLINE BITUMASTIC 300M).

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: 903.3'

Rim to Invert: 7.92'

Slack: 0.04"

Sump: 2"

Step Position: 258"

Invert channel drawing

Full height invert

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	895.38'	0°	0"	12" PVC SDR35	12.5"	PSX 16M NYLO	16"	16.312"	0"	0"
Invert 2	895.43'	156°	78.959"	12" PVC SDR35	12.5"	PSX 16M NYLO	16"	16.312"	0.6"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2

Degree: 156°

Horz: 65.345"

Hole: 16"

Up(): 0.6"

Invert: 1

Degree: 0°

Horz: 0"

Hole: 16"

Up(): 0"

Step: 258°

Horz: 108.071"

UPSIDE-DOWN VIEW (int. dimensions)

Invert: 2

Degree: 156°

Horz: 65.345"

Hole: 16"

Up(): 0.6"

Invert: 1

Degree: 0°

Horz: 0"

Hole: 16"

Up(): 0"

Step: 258°

Horz: 108.071"

Coating (Int):

Coating (Ext): Carboline Bitumastic 300M

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 5"

Floor Height: 8"

Height (Int): 24"

Height (Ext): 32"

Weight (Net): 4392 lb

Volume (Net): 1.12cu.yd

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Structure:

MH E1

Note:

This structure is to receive an external coating of carboline 300M (supplied by ICAST)