

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 12:56:57 PM

Tech: J. Horsley

PC: C. Goff

Structure ID: MH A18

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 - 60"

P1) 48" - MH BASE w/FLANGE (08F/08EF) w/Coating T/n - 43"

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

1) 48" - MH INVERT CHANNEL - FULL HEIGHT

1) SPECIAL EXTERNAL COATING

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

2) A-Lok - 0890

1) PSX - 16M NYLO

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

187.08 SqFt) Carboline Bitumastic 300M [EXT]

0 lb

3116 lb

4192 lb

5207 lb

0 lb

1440 lb

0 lb

0 lb

2 lb

8 lb

0 lb

0 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).

- TOP SLAB = H20 LOADING.

- RISER/WALLS (As .18)

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

Structure Total: 13965 lb

Rim: 903.71' Rim to Invert: 12.555' Slack: 0.66" Sump: 2" Step Position: 283°

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	891.155'	0°	0"	27" PVC F679 (PS46)	27.953"	A-Lok 0890	29.25"	31.453"	0.551"	0"
Invert 2	891.205'	119°	60.231"	27" PVC F679 (PS46)	27.953"	A-Lok 0890	29.25"	31.453"	1.15"	0"
Invert 3	892.43'	206°	104.266"	12" PVC SDR35	12.5"	PSX 16M NYLO	16"	16.312"	15.3"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

INSIDE WALL DIMENSIONS

Coating (Int):

Coating (Ext): Carboline Bitumastic 300M

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 5"

Floor Height: 8"

Height (Int): 43"

Height (Ext): 51"

Weight (Net): 5207 lb

Volume (Net): 1.33cu.yd

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Structure:

MH A18

Note:

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