

Job Name: 25-3579 - Lebanon Rd Clarks Run Trunk Sewer Ph 2				Plant: 100		Tech: J. Horsley				
Job Location: Danville, KY				8/21/2026 12:57:02 PM		PC: C. Goff				
Contractor: Hubert Excavating & Contracting										
Structure ID: MH A23										
P1 MH048BAEVF MH BASE w/FLANGE (08F/08EF) w/Coating T/n										
P6) 24" - CASTING HEIGHT - 7" P5) 48" - ECC CONE w/ 24" HOLE, w/Coating F/G - 36" P4) 48" - MH RISER w/COATING T/G - 36" P3) 48" - MH RISER w/COATING T/G - 60" P2) 48" - MH RISER w/COATING T/G - 60" P1) 48" - MH BASE w/FLANGE (08F/08EF) w/Coating T/n - 48" 1) 48" - MH INVERT CHANNEL - FULL HEIGHT 1) JOINT WRAP - 12" WD x 048" MAC WRAP 1) SPECIAL EXTERNAL COATING 4) 48" - Conseal CS-102 1.00" (Double) 1) 24" - Conseal CS-102 1.00" (Double) 2) A-Lok - 0890 20) MH Step ML-10-TDS-NCR - 10" 309.13 SqFt) Carboline Bitumastic 300M [EXT]				0 lb 2251 lb 2515 lb 4192 lb 4192 lb 5642 lb 1440 lb 0 lb 0 lb 0 lb 0 lb 2 lb 0 lb 0 lb ----- Structure Total: 20233 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: 912.48' Rim to Invert: 20.475' Slack: 0.7" Sump: 2" Step Position: 264°										
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	892.005'	0°	0"	27" PVC F679 (PS46)	27.953"	A-Lok 0890	29.25"	31.453"	0.55"	0"
Invert 2	892.055'	168°	85.032"	27" PVC F679 (PS46)	27.953"	A-Lok 0890	29.25"	31.453"	1.15"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

Coating (Int): Coating (Ext): Carboline Bitumastic 300M	Seam Up: Tongue Seam Dn: n/a	Wall Thickness: 5" Floor Height: 8"	Height (Int): 48" Height (Ext): 56"	Weight (Net): 5642 lb Volume (Net): 1.44cu.yd
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Plant: 100

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P1 MH048BAEVF

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

P6) 24" - CASTING HEIGHT - 7"

P5) 48" - ECC CONE w/ 24" HOLE, w/Coating F/G - 36"

P4) 48" - MH RISER w/COATING T/G - 36"

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

P2) 48" - MH RISER w/COATING T/G - 60"

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

1) 48" - MH INVERT CHANNEL - FULL HEIGHT

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

1) SPECIAL EXTERNAL COATING

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

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

2) A-Lok - 0890

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

309.13 SqFt) Carboline Bitumastic 300M [EXT]

0 lb

2251 lb

2515 lb

4192 lb

4192 lb

5642 lb

1440 lb

0 lb

0 lb

0 lb

0 lb

2 lb

0 lb

0 lb

Structure Total: 20233 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: 912.48' Rim to Invert: 20.475' Slack: 0.7" Sump: 2" Step Position: 264°

Invert channel drawing

Full height invert

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	892.005'	0°	0"	27" PVC F679 (PS46)	27.953"	A-Lok 0890	29.25"	31.453"	0.55"	0"
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Invert 3										
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): 48"

Height (Ext): 56"

Weight (Net): 5642 lb

Volume (Net): 1.44cu.yd

Job Number:

25-3579

Job Name:

Lebanon Rd Clarks Run Trunk Sewer Ph 2

Structure:

MH A23

Note:

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