

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 12:57:05 PM

Tech: J. Horsley

PC: C. Goff

Structure ID: MH A25

P1 MH060BAEVF

MH BASE w/FLANGE (08F/07EF) w/Coating T/n

P5) 24" - CASTING HEIGHT - 7"

P4) 24" - GRADE RING F/F - 4"

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

P2) 60" - MH Trans. Slab - 48" Hole ECC, w/Coating T/G - 13"

P1) 60" - MH BASE w/FLANGE (08F/07EF) w/Coating T/n - 72"

1) JOINT WRAP - 12" WD x 060" MAC WRAP

1) 60" - MH INVERT CHANNEL - FULL HEIGHT

1) SPECIAL EXTERNAL COATING

1) 60" - Conseal CS-102 1.00" (Double)

1) 48" - Conseal CS-102 1.00" (Double)

2) 24" - Conseal CS-102 1.00" (Double)

2) A-Lok - 0890

1) Z-Lok - C107-15

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

220.64 SqFt) Carboline Bitumastic 300M [EXT]

0 lb

270 lb

3116 lb

1928 lb

10569 lb

0 lb

2692 lb

0 lb

0 lb

0 lb

0 lb

2 lb

1 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).

- TRANS. SLAB = HS20 LOADING (PER ATTACHED STAMPED DESIGNS).

- RISER/WALLS (As .18)

- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

First Pour (Base) = 9,403 LBS

Second Pour (Flange) = 1,166 LBS

Rim: 906.05'

Rim to Invert: 11.335'

Slack: 0.024"

Sump: 2.004'

Structure Total: 18578 lb

Step Position: 84.5'

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	894.715'	0°	0"	27" PVC F679 (PS46)	27.953"	A-Lok 0890	29.25"	30.553"	0.554"	0"
Invert 2	894.765'	169°	106.186"	27" PVC F679 (PS46)	27.953"	A-Lok 0890	29.25"	30.553"	1.154"	0"
Invert 3	895.74'	249°	156.451"	15" PVC SDR35	15.3"	Z-Lok C107-15	19"	19.333"	12.304"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2
Degree: 169°
Horz: 88.488"
Hole: 29.25"
Up(): 1.154"

Invert: 3
Degree: 249°
Horz: 130.376"
Hole: 19"
Up(): 12.304"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 29.25"
Up(): 0.554"

Step: 84.5°
Horz: 44.244"

+ 0°-

UPSIDE-DOWN VIEW (int. dimensions)

Invert: 2
Degree: 169°
Horz: 88.488"
Hole: 29.25"
Up(): 1.154"

Invert: 3
Degree: 249°
Horz: 130.376"
Hole: 19"
Up(): 12.304"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 29.25"
Up(): 0.554"

Step: 84.5°
Horz: 44.244"

- 0°+

(P5)

(P4)

(P3)

(P2)

(P1) <<

Drill & stub #5 Bar @ 8" C.C.E.W. for flange pour

INSIDE WALL DIMENSIONS

1.154"

0.554"

12.304"

130.376"

88.488"

0"

72"

8"

EXT

360°

270°

180°

90°

0°

Coating (Int):

Coating (Ext): Carboline Bitumastic 300M

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 8"

Height (Int): 72"

Height (Ext): 80"

Weight (Net): 10569 lb

Volume (Net): 2.7cu.yd

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1) 60" - MH INVERT CHANNEL - FULL HEIGHT
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1) 60" - Con Seal CS-102 1.00" (Double)
1) 48" - Con Seal CS-102 1.00" (Double)
2) 24" - Con Seal CS-102 1.00" (Double)
2) A-Lok - 0890
1) Z-Lok - C107-15
10) MH Step ML-10-TDS-NCR - 10"
220.64 SqFt) Carboline Bitumastic 300M [EXT]

0 lb
270 lb
3116 lb
1928 lb
10569 lb
0 lb
2692 lb
0 lb
0 lb
0 lb
0 lb
2 lb
1 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).
- TRANS. SLAB = HS20 LOADING (PER ATTACHED STAMPED DESIGNS).
- RISER/WALLS (As .18)
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

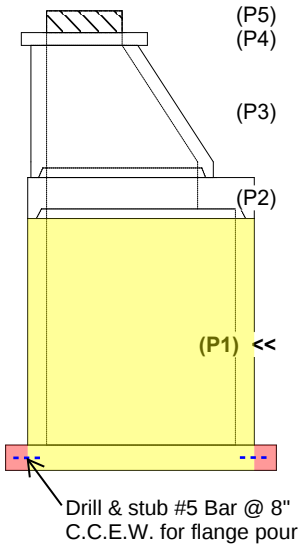
First Pour (Base) = 9,403 LBS
Second Pour (Flange) = 1,166 LBS

Rim: 906.05' Rim to Invert: 11.335' Slack: 0.024" Sump: 2.004' Structure Total: 18578 lb Step Position: 84.5'

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
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Invert 3	895.74'	249°	156.451"	15" PVC SDR35	15.3"	Z-Lok C107-15	19"	19.333"	12.304"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



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Hole: 29.25"
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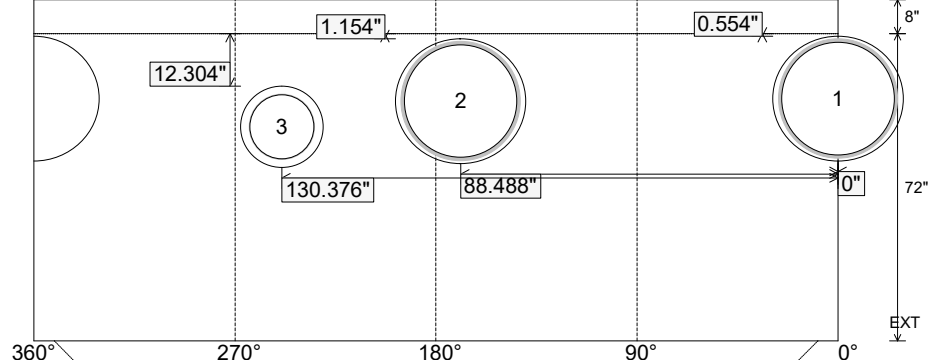
Invert: 1
Degree: 0°
Horz: 0"
Hole: 29.25"
Up(): 0.554"

Invert: 2
Degree: 169°
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INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext): Carboline Bitumastic 300M

Seam Up: Tongue
Seam Dn: n/a

Wall Thickness: 6"
Floor Height: 8"

Height (Int): 72"
Height (Ext): 80"

Weight (Net): 10569 lb
Volume (Net): 2.7cu.yd

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Rim: 906.05' Rim to Invert: 11.335' Slack: 0.024" Sump: 2.004'		Structure Total: 18578 lb Step Position: 84.5'								
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INSIDE WALL DIMENSIONS

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1

360°

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8"

72"

EXT

Coating (Int):
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Seam Up: Tongue
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Structure:

MH A25

Note:

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