

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 12:56:55 PM

Tech: J. Horsley

PC: C. Goff

Structure ID: MH A17

P1 MH060BAEVF

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

P5) 24" - CASTING HEIGHT - 7"

P4) 48" - ECC CONE w/ 24" HOLE, w/Coating F/G - 42"

P3) 48" - MH RISER w/COATING T/G - 72"

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 - 71"

1) 60" - MH INVERT CHANNEL - FULL HEIGHT

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

1) SPECIAL EXTERNAL COATING

1) 60" - Con Seal CS-102 1.00" (Double)

2) 48" - Con Seal CS-102 1.00" (Double)

1) 24" - Con Seal CS-102 1.00" (Double)

1) A-Lok - 1040

1) A-Lok - 0800

1) A-Lok - 0890

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

340.17 SqFt Carboline Bitumastic 300M [EXT]

0 lb

3116 lb

5030 lb

1928 lb

10219 lb

2692 lb

0 lb

0 lb

0 lb

0 lb

0 lb

0 lb

1 lb

1 lb

1 lb

0 lb

0 lb

22988 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) = 9,053 LBS

Second Pour (7" EF) = 1,166 LBS

Rim: 907.62'

Rim to Invert: 16.93'

Slack: 0.375"

Sump: 2.215"

Step Position: 74°

Structure Total:

| Position | Elev    | Angle | Ext. (cw) | Pipe                 | Pipe OD | Connector  | Hole   | Horz Size | Up ( ) | Offset |
|----------|---------|-------|-----------|----------------------|---------|------------|--------|-----------|--------|--------|
| Invert 1 | 890.69' | 0°    | 0"        | 30" PVC F679 (PS115) | 32"     | A-Lok 1040 | 33.5"  | 35.543"   | 0"     | 0"     |
| Invert 2 | 891.18' | 148°  | 92.991"   | 24" PVC F679 (PS46)  | 24.803" | A-Lok 0800 | 26"    | 26.891"   | 6.785" | 0"     |
| Invert 3 | 890.94' | 225°  | 141.372"  | 27" PVC F679 (PS46)  | 27.953" | A-Lok 0890 | 29.25" | 30.553"   | 3.766" | 0"     |
| Invert 4 |         |       |           |                      |         |            |        |           |        |        |
| Invert 5 |         |       |           |                      |         |            |        |           |        |        |
| Invert 6 |         |       |           |                      |         |            |        |           |        |        |
| Invert 7 |         |       |           |                      |         |            |        |           |        |        |
| Invert 8 |         |       |           |                      |         |            |        |           |        |        |

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 2  
Degree: 148°  
Horz: 77.493"  
Hole: 26"  
Up( ): 6.785"

Invert: 3  
Degree: 225°  
Horz: 117.81"  
Hole: 29.25"  
Up( ): 3.766"

Invert: 1  
Degree: 0°  
Horz: 0"  
Hole: 33.5"  
Up( ): 0"

Step: 74°  
Horz: 38.746"

UPSIDE-DOWN VIEW (int. dimensions)

Invert: 2  
Degree: 148°  
Horz: 77.493"  
Hole: 26"  
Up( ): 6.785"

Invert: 3  
Degree: 225°  
Horz: 117.81"  
Hole: 29.25"  
Up( ): 3.766"

Invert: 1  
Degree: 0°  
Horz: 0"  
Hole: 33.5"  
Up( ): 0"

Step: 74°  
Horz: 38.746"

INSIDE WALL DIMENSIONS

360°

270°

180°

90°

0°

3.766"

6.785"

0"

117.81"

77.493"

0"

71"

8"

EXT

Coating (Int):

Coating (Ext): Carboline Bitumastic 300M

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 8"

Height (Int): 71"

Height (Ext): 79"

Weight (Net): 10219 lb

Volume (Net): 2.61cu.yd

Drill & stub #5 Bar @ 8"

C.C.E.W. for flange pour

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 Contractor: Hubert Excavating & Contracting

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

0 lb  
 3116 lb  
 5030 lb  
 1928 lb  
 10219 lb  
 2692 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb  
 1 lb  
 1 lb  
 1 lb  
 0 lb  
 0 lb

**Structure Notes:** 1. PER ASTM C478 SPECIFICATIONS.  
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 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) = 9,053 LBS**

**Second Pour (7" EF) = 1,166 LBS**

340.17 SqFt Carboline Bitumastic 300M [EXT]

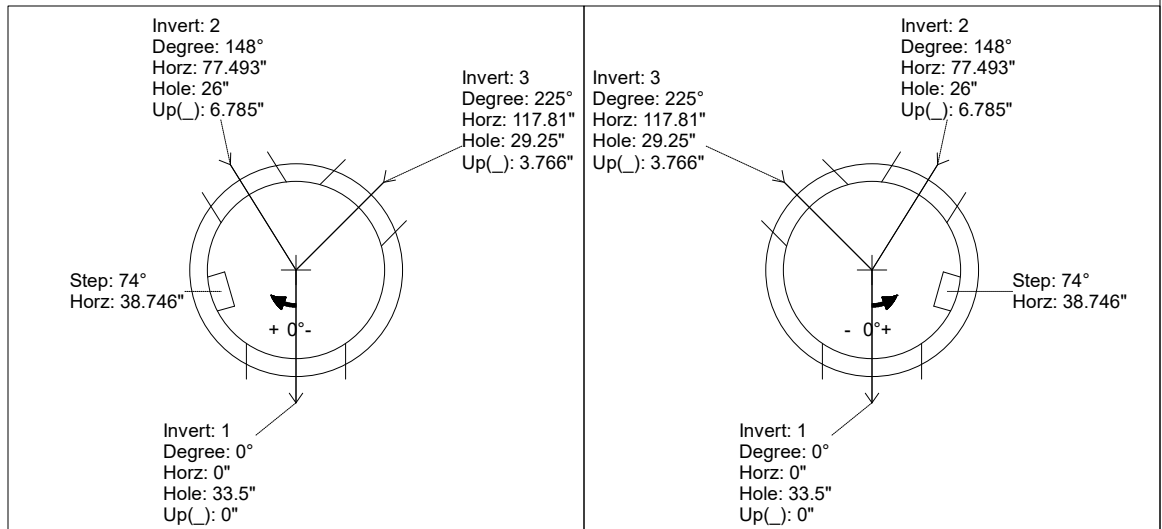
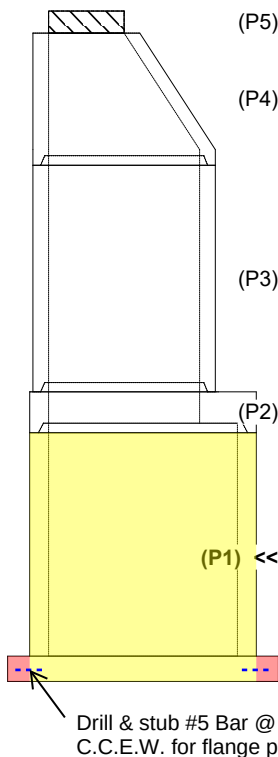
Rim: 907.62' Rim to Invert: 16.93' Slack: 0.375' Sump: 2.215' Step Position: 74°

Structure Total: 22988 lb

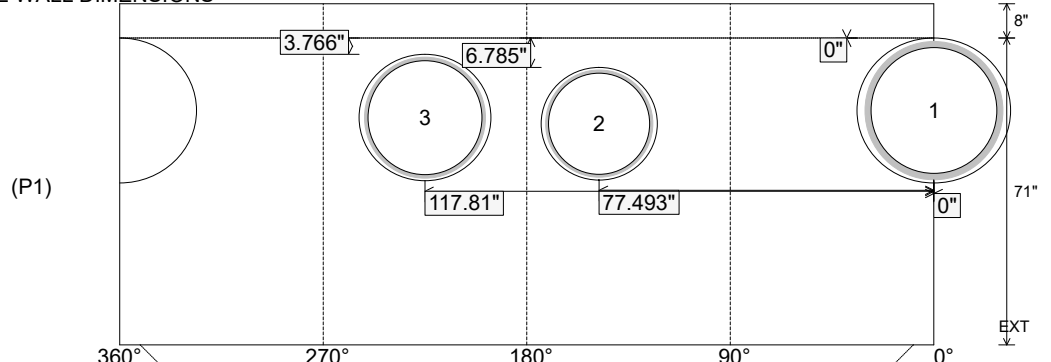
| Position | Elev    | Angle | Ext. (cw) | Pipe                 | Pipe OD | Connector  | Hole   | Horz Size | Up ( ) | Offset |
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| Invert 7 |         |       |           |                      |         |            |        |           |        |        |
| 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: 6"  
 Floor Height: 8"

Height (Int): 71"  
 Height (Ext): 79"

Weight (Net): 10219 lb  
 Volume (Net): 2.61cu.yd

|                                                                                                                                         |                       |                  |                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------|------------------------------------------------------------------------------------|
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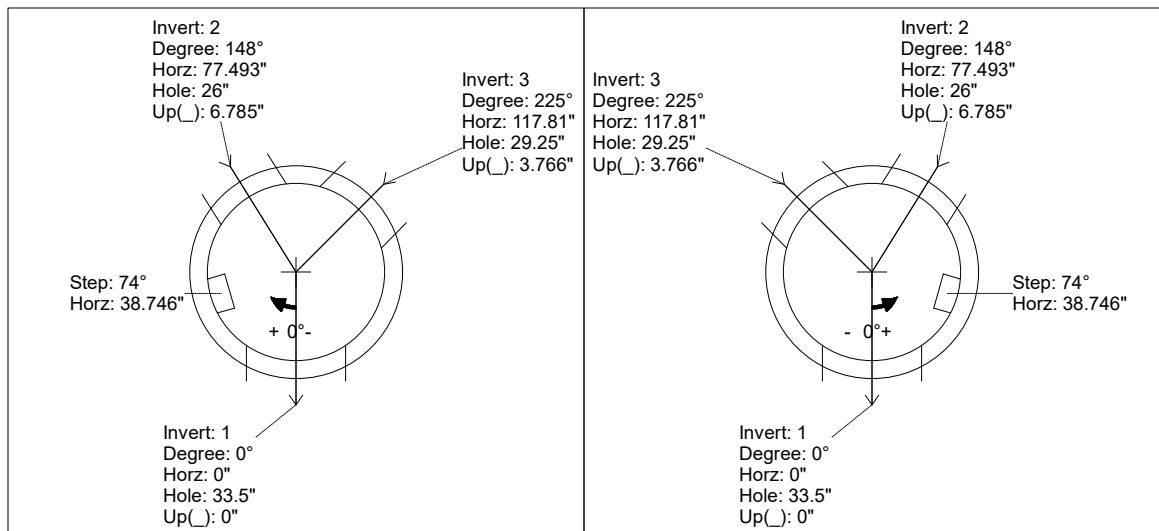
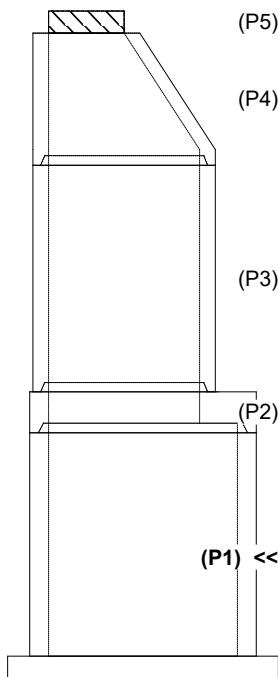
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**Invert channel drawing  
Full height invert**

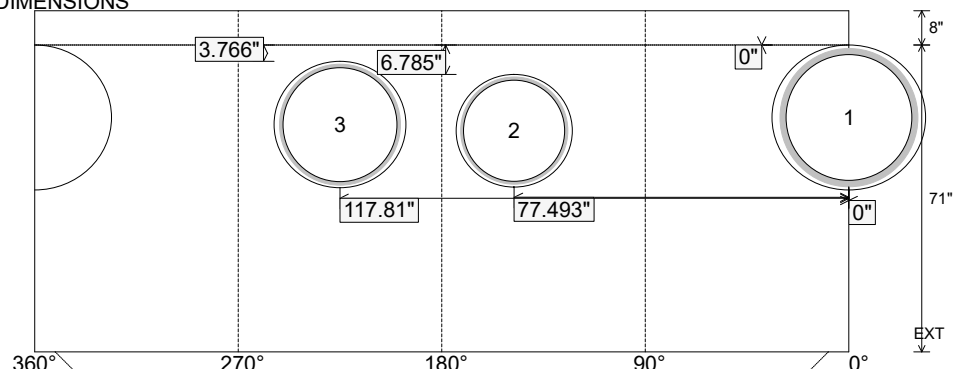
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RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



|                                                            |                                 |                                        |                                        |                                                   |
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| Coating (Int):<br>Coating (Ext): Carboline Bitumastic 300M | Seam Up: Tongue<br>Seam Dn: n/a | Wall Thickness: 6"<br>Floor Height: 8" | Height (Int): 71"<br>Height (Ext): 79" | Weight (Net): 10219 lb<br>Volume (Net): 2.61cu.yd |
|------------------------------------------------------------|---------------------------------|----------------------------------------|----------------------------------------|---------------------------------------------------|

## **Job Number:**

25-3579

## **Job Name:**

Lebanon Rd Clarks Run Trunk Sewer Ph 2

## **Structure:**

MH A17

## **Note:**

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