

Job Name: 24-4208 - KYTC Christian Co. Call 100 (ID 241018)

Job Location: Hopkinsville, KY

Contractor: Scotty's Contracting & Stone, LLC

Plant: Beaver Dam

8/3/2026 4:22:27 PM

Tech: J. Horsley

PC: C. Goff

Structure ID: MH294 (450+40 RT)

P1 BX6060-08W12F08EB-VF

BX BASE w/FLANGE 08W/12F/08EF F/n

P5) 24" - CASTING HEIGHT - 8"

P4) 48" - ECC CONE w/ 24" HOLE F/G - 30"

P3) 48" - MH RISER T/G - 24"

P2) 60" x 60" - CB FT REDUCER 48" HOLE T/F - 8"

P1) 60" x 60" - BX BASE w/FLANGE 08W/12F/08EF F/n - 71"

1) CASTING - HOE KY-460-11 F/G (DBI 11)

1) 60" x 60" - Conseal CS-102 1.00"

2) 48" - Conseal CS-102 1.00"

1) 24" - Conseal CS-102 1.00"

2) Hole - 56

2) I-Beam Notch n/n - 7"x9"x5"

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

0 lb

2050 lb

1677 lb

2663 lb

17989 lb

421 lb

0 lb

0 lb

0 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 24800 lb

Structure Notes:

\*\* KYTC STATE PROJECT\*\*

1. PER KYTC MANHOLE TYPE C / ASTM C913 SPEC'S.

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

3. CASTING BY ICAST (HOE KY-510 F/C, KY TY2).

4. SECONDARY POUR REQ'D FOR EXTENDED FLANGE (8"WD x 12" THICK).

REINFORCING PER ASTM A615 (GRADE 60).

- TRANS. SLAB #5's AT 6" C.C.E.W (DBL MAT).

- WALLS #5's AT 6" C.C.E.W.

- FLOOR #5's AT 12" C.C.E.W..

Rim: 527.09' Rim to Invert: 11.82' Slack: 0.84" Sump: 0" Step Position: 180°

| Position | Elev     | Angle | Ext. (cw) | Pipe                 | Pipe OD | Connector             | Hole    | Horz Size | Up ( ) | Offset  |
|----------|----------|-------|-----------|----------------------|---------|-----------------------|---------|-----------|--------|---------|
| Invert 1 | 515.27'  | 340°  | 35.287"   | 48" HDPE             | 53.5"   | Hole 56               | 56"     | 59.594"   | -2.95" | 10.447" |
| Invert 2 | 515.27'  | 90°   | 38"       | 48" HDPE             | 53.5"   | Hole 56               | 56"     | 56"       | -2.95" | 0"      |
| Invert 3 |          |       |           |                      |         |                       |         |           |        |         |
| Invert 4 | 520.725' | 90°   | 26"       | 7" x 9" I-Beam Notch | 7" x 9" | I-Beam Notch 7"x9"x5" | 7" x 9" | 7"        | 61.96" | -12"    |
| Invert 5 | 520.725' | 270°  | 50"       | 7" x 9" I-Beam Notch | 7" x 9" | I-Beam Notch 7"x9"x5" | 7" x 9" | 7"        | 61.96" | 12"     |
| Invert 6 |          |       |           |                      |         |                       |         |           |        |         |
| Invert 7 |          |       |           |                      |         |                       |         |           |        |         |
| Invert 8 |          |       |           |                      |         |                       |         |           |        |         |

First pour drawing

First pour weight = 15,282 LBS

Second pour weight = 2,707 LBS

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

INSIDE WALL DIMENSIONS

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 12"

Height (Int): 71"

Height (Ext): 83"

Weight (Net): 17989 lb

Volume (Net): 4.6cu.yd

Job Name: 24-4208 - KYTC Christian Co. Call 100 (ID 241018)

Job Location: Hopkinsville, KY

Contractor: Scotty's Contracting & Stone, LLC

Plant: Beaver Dam

8/3/2026 4:22:27 PM

Tech: J. Horsley

PC: C. Goff

Structure ID: MH294 (450+40 RT)

P1 BX6060-08W12F08EB-VF

BX BASE w/FLANGE 08W/12F/08EF F/n

P5) 24" - CASTING HEIGHT - 8"

P4) 48" - ECC CONE w/ 24" HOLE F/G - 30"

P3) 48" - MH RISER T/G - 24"

P2) 60" x 60" - CB FT REDUCER 48" HOLE T/F - 8"

P1) 60" x 60" - BX BASE w/FLANGE 08W/12F/08EF F/n - 71"

1) CASTING - HOE KY-460-11 F/G (DBI 11)

1) 60" x 60" - Conseal CS-102 1.00"

2) 48" - Conseal CS-102 1.00"

1) 24" - Conseal CS-102 1.00"

2) Hole - 56

2) I-Beam Notch n/n - 7"x9"x5"

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

0 lb

2050 lb

1677 lb

2663 lb

17989 lb

421 lb

0 lb

0 lb

0 lb

0 lb

0 lb

0 lb

0 lb

Structure Total: 24800 lb

Structure Notes:

\*\* KYTC STATE PROJECT\*\*

1. PER KYTC MANHOLE TYPE C / ASTM C913 SPEC'S.

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

3. CASTING BY ICAST (HOE KY-510 F/C, KY TY2).

4. SECONDARY POUR REQ'D FOR EXTENDED FLANGE (8"WD x 12" THICK).

REINFORCING PER ASTM A615 (GRADE 60).

- TRANS. SLAB #5's AT 6" C.C.E.W (DBL MAT).

- WALLS #5's AT 6" C.C.E.W.

- FLOOR #5's AT 12" C.C.E.W..

Rim: 527.09'

Rim to Invert: 11.82'

Slack: 0.84"

Sump: 0"

Step Position: 180°

| Position | Elev     | Angle | Ext. (cw) | Pipe                 | Pipe OD | Connector             | Hole    | Horz Size | Up ( ) | Offset  |
|----------|----------|-------|-----------|----------------------|---------|-----------------------|---------|-----------|--------|---------|
| Invert 1 | 515.27'  | 340°  | 35.287"   | 48" HDPE             | 53.5"   | Hole 56               | 56"     | 59.594"   | -2.95" | 10.447" |
| Invert 2 | 515.27'  | 90°   | 38"       | 48" HDPE             | 53.5"   | Hole 56               | 56"     | 56"       | -2.95" | 0"      |
| Invert 3 |          |       |           |                      |         |                       |         |           |        |         |
| Invert 4 | 520.725' | 90°   | 26"       | 7" x 9" I-Beam Notch | 7" x 9" | I-Beam Notch 7"x9"x5" | 7" x 9" | 7"        | 61.96" | -12"    |
| Invert 5 | 520.725' | 270°  | 50"       | 7" x 9" I-Beam Notch | 7" x 9" | I-Beam Notch 7"x9"x5" | 7" x 9" | 7"        | 61.96" | 12"     |
| Invert 6 |          |       |           |                      |         |                       |         |           |        |         |
| Invert 7 |          |       |           |                      |         |                       |         |           |        |         |
| Invert 8 |          |       |           |                      |         |                       |         |           |        |         |

Second pour drawing

First pour weight = 15,282 LBS

Second pour weight = 2,707 LBS

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

INSIDE WALL DIMENSIONS

Coating (Int):

Coating (Ext):

Seam Up: Flat

Seam Dn: n/a

Wall Thickness: 8"

Floor Height: 12"

Height (Int): 71"

Height (Ext): 83"

Weight (Net): 17989 lb

Volume (Net): 4.6cu.yd