

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |       |                    |              |                      |                                                                                                                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                   |        |        |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------|--------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--|--|
| Job Name: 25-4547 - WWTP Improvements & Hydraulic Expansion<br>Job Location: Shepherdsville, KY<br>Contractor: Pace Contracting, LLC                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |                    |              | Plant: 100           |                                                                                                                                                                                 | Tech: Jared - F |                                                                                                                                                                                                                                                                                                                                                   |        |        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |       |                    |              | 5/29/2026 3:21:06 PM |                                                                                                                                                                                 | PC: J Jarvis    |                                                                                                                                                                                                                                                                                                                                                   |        |        |  |  |
| <b>Structure ID: MH-39-052</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |       |                    |              |                      |                                                                                                                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                   |        |        |  |  |
| <b>P1 MH048BA36</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |       | <b>MH BASE T/n</b> |              |                      |                                                                                                                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                   |        |        |  |  |
| P6) 24" - CASTING HEIGHT - 7"<br>P5) 48" - ECC CONE w/ 24" HOLE F/G - 30"<br>P4) 48" - MH RISER T/G - 24"<br>P3) 48" - MH RISER T/G - 60"<br>P2) 48" - MH RISER T/G - 60"<br>P1) 48" - MH BASE T/n - 36"<br>1) Chimney Seal - Cretex Chimney Seal<br>1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212<br>1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)<br>1) 48" - MH INVERT CHANNEL - FULL HEIGHT<br>1) CASTING - HOE MC-375 F/C Sanitary<br>4) 48" - Conseal CS-102 1.00" (Double)<br>2) Kor-N-Seal2 - S206-22<br>16) MH Step ML-10-TDS-NCR - 10" |         |       |                    |              |                      | 0 lb<br>2050 lb<br>1677 lb<br>4192 lb<br>4192 lb<br>3516 lb<br>10 lb<br>0 lb<br>0 lb<br>1440 lb<br>271 lb<br>0 lb<br>13 lb<br>0 lb<br>-----<br><b>Structure Total: 17359 lb</b> |                 | <b>Structure Notes:</b><br>1. PER ASTM C478 SPECIFICATIONS.<br>2. CONCRETE = 4,000 PSI AT 28 DAYS.<br>3. CASTING SUPPLIED BY I-CAST (HOE MC-375 F/C SANITARY).<br>4. 8.5" EXTERNAL CHIMNEY SEAL BY I-CAST.<br>.<br>REINFORCING PER ASTM A615 (GRADE 60).<br>- CONE (As .12)<br>- RISER/WALLS (As .12)<br>- FLOOR (As .31) #5 BARS AT 12" C.C.E.W. |        |        |  |  |
| Rim: 433.28'    Rim to Invert: 18.15'    Slack: 2.8"    Sump: 2"    Step Position: 180°                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |       |                    |              |                      |                                                                                                                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                   |        |        |  |  |
| Position                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Elev    | Angle | Ext. (cw)          | Pipe         | Pipe OD              | Connector                                                                                                                                                                       | Hole            | Horz Size                                                                                                                                                                                                                                                                                                                                         | Up ( ) | Offset |  |  |
| Invert 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 415.13' | 0°    | 0"                 | 18" PVC F679 | 18.701"              | Kor-N-Seal2 S206-22                                                                                                                                                             | 22"             | 22.854"                                                                                                                                                                                                                                                                                                                                           | 0"     | 0"     |  |  |
| Invert 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 415.23' | 268°  | 135.625"           | 18" PVC F679 | 18.701"              | Kor-N-Seal2 S206-22                                                                                                                                                             | 22"             | 22.854"                                                                                                                                                                                                                                                                                                                                           | 1.25"  | 0"     |  |  |
| 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):<br>Coating (Ext): | Seam Up: Tongue<br>Seam Dn: n/a | Wall Thickness: 5"<br>Floor Height: 6" | Height (Int): 36"<br>Height (Ext): 42" | Weight (Net): 3516 lb<br>Volume (Net): 0.9cu.yd |
|----------------------------------|---------------------------------|----------------------------------------|----------------------------------------|-------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |                    |              |                                    |                                                                                                                                                                                 |                                 |                                                                                                                                                                                                                                                                                                                                                   |        |        |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------|--------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--|--|
| Job Name: 25-4547 - WWTP Improvements & Hydraulic Expansion<br>Job Location: Shepherdsville, KY<br>Contractor: Pace Contracting, LLC                                                                                                                                                                                                                                                                                                                                                                                                                  |         |       |                    |              | Plant: 100<br>5/29/2026 3:21:06 PM |                                                                                                                                                                                 | Tech: Jared - F<br>PC: J Jarvis |                                                                                                                                                                                                                                                                                                                                                   |        |        |  |  |
| <b>Structure ID: MH-39-052</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |       |                    |              |                                    |                                                                                                                                                                                 |                                 |                                                                                                                                                                                                                                                                                                                                                   |        |        |  |  |
| <b>P1 MH048BA36</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |       | <b>MH BASE T/n</b> |              |                                    |                                                                                                                                                                                 |                                 |                                                                                                                                                                                                                                                                                                                                                   |        |        |  |  |
| P6) 24" - CASTING HEIGHT - 7"<br>P5) 48" - ECC CONE w/ 24" HOLE F/G - 30"<br>P4) 48" - MH RISER T/G - 24"<br>P3) 48" - MH RISER T/G - 60"<br>P2) 48" - MH RISER T/G - 60"<br>P1) 48" - MH BASE T/n - 36"<br>1) Chimney Seal - Cretex Chimney Seal<br>1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212<br>1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)<br><b>1) 48" - MH INVERT CHANNEL - FULL HEIGHT</b><br>1) CASTING - HOE MC-375 F/C Sanitary<br>4) 48" - Conseal CS-102 1.00" (Double)<br>2) Kor-N-Seal2 - S206-22<br>16) MH Step ML-10-TDS-NCR - 10" |         |       |                    |              |                                    | 0 lb<br>2050 lb<br>1677 lb<br>4192 lb<br>4192 lb<br>3516 lb<br>10 lb<br>0 lb<br>0 lb<br>1440 lb<br>271 lb<br>0 lb<br>13 lb<br>0 lb<br>-----<br><b>Structure Total: 17359 lb</b> |                                 | <b>Structure Notes:</b><br>1. PER ASTM C478 SPECIFICATIONS.<br>2. CONCRETE = 4,000 PSI AT 28 DAYS.<br>3. CASTING SUPPLIED BY I-CAST (HOE MC-375 F/C SANITARY).<br>4. 8.5" EXTERNAL CHIMNEY SEAL BY I-CAST.<br>.<br>REINFORCING PER ASTM A615 (GRADE 60).<br>- CONE (As .12)<br>- RISER/WALLS (As .12)<br>- FLOOR (As .31) #5 BARS AT 12" C.C.E.W. |        |        |  |  |
| Rim: 433.28'    Rim to Invert: 18.15'    Slack: 2.8"    Sump: 2"    Step Position: 180°                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |       |                    |              |                                    |                                                                                                                                                                                 |                                 |                                                                                                                                                                                                                                                                                                                                                   |        |        |  |  |
| Position                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Elev    | Angle | Ext. (cw)          | Pipe         | Pipe OD                            | Connector                                                                                                                                                                       | Hole                            | Horz Size                                                                                                                                                                                                                                                                                                                                         | Up ( ) | Offset |  |  |
| Invert 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 415.13' | 0°    | 0"                 | 18" PVC F679 | 18.701"                            | Kor-N-Seal2 S206-22                                                                                                                                                             | 22"                             | 22.854"                                                                                                                                                                                                                                                                                                                                           | 0"     | 0"     |  |  |
| Invert 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 415.23' | 268°  | 135.625"           | 18" PVC F679 | 18.701"                            | Kor-N-Seal2 S206-22                                                                                                                                                             | 22"                             | 22.854"                                                                                                                                                                                                                                                                                                                                           | 1.25"  | 0"     |  |  |
| 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):<br>Coating (Ext): | Seam Up: Tongue<br>Seam Dn: n/a | Wall Thickness: 5"<br>Floor Height: 6" | Height (Int): 36"<br>Height (Ext): 42" | Weight (Net): 3516 lb<br>Volume (Net): 0.9cu.yd |
|----------------------------------|---------------------------------|----------------------------------------|----------------------------------------|-------------------------------------------------|