

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |       |                        |              |                      |                                                                                                                                                                             |                   |                                                                                                                                                                                                                                                      |        |        |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|------------------------|--------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--|
| Job Name: 25-4288 - Project Wave<br>Job Location: Franklin, KY 42134<br>Contractor: Cumberland Pipeline LLC                                                                                                                                                                                                                                                                                                                                                                                                                    |         |       |                        |              | Plant: 100           |                                                                                                                                                                             | Tech: Jared - A   |                                                                                                                                                                                                                                                      |        |        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |       |                        |              | 7/10/2026 8:12:58 AM |                                                                                                                                                                             | PC: Erica Bradley |                                                                                                                                                                                                                                                      |        |        |  |
| <b>Structure ID: A8</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |       |                        |              |                      |                                                                                                                                                                             |                   |                                                                                                                                                                                                                                                      |        |        |  |
| <b>P1 MH048BA36X</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       | <b>MH BASE w/XYPEX</b> |              |                      |                                                                                                                                                                             |                   |                                                                                                                                                                                                                                                      |        |        |  |
| P5) 24" - CASTING HEIGHT - 7"<br>P4) 48" - ECC XYPEX CONE w/ 24" HOLE - 42"<br>P3) 48" - MH RISER w/XYPEX - 72"<br>P2) 48" - MH RISER w/XYPEX - 72"<br>P1) 48" - MH BASE w/XYPEX - 36"<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 w/XYPEX - FULL HEIGHT<br>1) CASTING - JBS 1150 F/C SANITARY<br>3) 48" - Conseal CS-102 1.00" (Double)<br>1) 24" - Conseal CS-102 1.00" (Double)<br>2) PSX - 12-08 NYLO<br>19) MH Step ML-10-TDS-NCR - 10" |         |       |                        |              |                      | 0 lb<br>3116 lb<br>5030 lb<br>5030 lb<br>3749 lb<br>0 lb<br>0 lb<br>1440 lb<br>250 lb<br>0 lb<br>0 lb<br>0 lb<br>16 lb<br>0 lb<br>-----<br><b>Structure Total: 18631 lb</b> |                   | <b>Structure Notes:</b><br>1. PER ASTM C-478 SPECIFICATIONS<br>2. CONCRETE: 4,000 PSI AT 28 DAYS<br>3. REINFORCEMENT: PER ASTM A615<br>4. INVERT CHANNEL REQUIRED<br>5. STEPS AT 0 DEGREES<br>6. JBS 1150 FRAME & COVER "SANITARY" SUPPLIED BY ICAST |        |        |  |
| Rim: 726.26'    Rim to Invert: 19.04'    Slack: 1.48"    Sump: 2"    Step Position: 0°                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |       |                        |              |                      |                                                                                                                                                                             |                   |                                                                                                                                                                                                                                                      |        |        |  |
| Position                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Elev    | Angle | Ext. (cw)              | Pipe         | Pipe OD              | Connector                                                                                                                                                                   | Hole              | Horz Size                                                                                                                                                                                                                                            | Up ( ) | Offset |  |
| Invert 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 707.22' | 0°    | 0"                     | 8" PVC SDR35 | 8.5"                 | PSX 12-08 NYLO                                                                                                                                                              | 12"               | 12.129"                                                                                                                                                                                                                                              | 0"     | 0"     |  |
| Invert 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 707.32' | 180°  | 91.106"                | 8" PVC SDR35 | 8.5"                 | PSX 12-08 NYLO                                                                                                                                                              | 12"               | 12.129"                                                                                                                                                                                                                                              | 1.2"   | 0"     |  |
| Invert 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |                        |              |                      |                                                                                                                                                                             |                   |                                                                                                                                                                                                                                                      |        |        |  |
| Invert 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |                        |              |                      |                                                                                                                                                                             |                   |                                                                                                                                                                                                                                                      |        |        |  |
| Invert 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |                        |              |                      |                                                                                                                                                                             |                   |                                                                                                                                                                                                                                                      |        |        |  |
| Invert 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |                        |              |                      |                                                                                                                                                                             |                   |                                                                                                                                                                                                                                                      |        |        |  |
| Invert 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |                        |              |                      |                                                                                                                                                                             |                   |                                                                                                                                                                                                                                                      |        |        |  |
| Invert 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |       |                        |              |                      |                                                                                                                                                                             |                   |                                                                                                                                                                                                                                                      |        |        |  |

**RIGHT-SIDE UP VIEW (int. dimensions)**

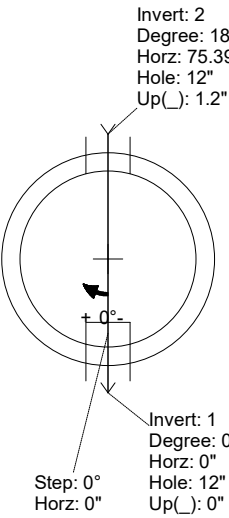
**UPSIDE-DOWN VIEW (int. dimensions)**

**INSIDE WALL DIMENSIONS**

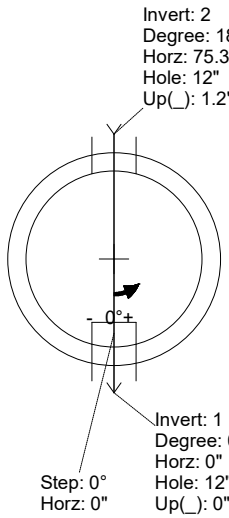
|                                  |                                 |                                        |                                        |                                                  |
|----------------------------------|---------------------------------|----------------------------------------|----------------------------------------|--------------------------------------------------|
| 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): 3749 lb<br>Volume (Net): 0.96cu.yd |
|----------------------------------|---------------------------------|----------------------------------------|----------------------------------------|--------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |       |                 |              |                                                                                                                                                    |                |                                                                                                                                                                                                                                                                   |           |                                                                                    |        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|-----------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------|--------|
| Job Name: 25-4288 - Project Wave<br>Job Location: Franklin, KY 42134<br>Contractor: Cumberland Pipeline LLC                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |       |                 |              | Plant: 100<br>7/10/2026 8:12:58 AM                                                                                                                 |                | Tech: Jared - A<br>PC: Erica Bradley                                                                                                                                                                                                                              |           |  |        |
| Structure ID: A8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |       |                 |              |                                                                                                                                                    |                |                                                                                                                                                                                                                                                                   |           |                                                                                    |        |
| P1 MH048BA36X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |       | MH BASE w/XYPEX |              |                                                                                                                                                    |                |                                                                                                                                                                                                                                                                   |           |                                                                                    |        |
| <p>P5) 24" - CASTING HEIGHT - 7"<br/>P4) 48" - ECC XYPEX CONE w/ 24" HOLE - 42"<br/>P3) 48" - MH RISER w/XYPEX - 72"<br/>P2) 48" - MH RISER w/XYPEX - 72"<br/>P1) 48" - MH BASE w/XYPEX - 36"</p> <p>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 w/XYPEX - FULL HEIGHT<br/>1) CASTING - JBS 1150 F/C SANITARY<br/>3) 48" - Conseal CS-102 1.00" (Double)<br/>1) 24" - Conseal CS-102 1.00" (Double)<br/>2) PSX - 12-08 NYLO<br/>19) MH Step ML-10-TDS-NCR - 10"</p> |         |       |                 |              | <p>0 lb<br/>3116 lb<br/>5030 lb<br/>5030 lb<br/>3749 lb<br/>0 lb<br/>0 lb<br/>1440 lb<br/>250 lb<br/>0 lb<br/>0 lb<br/>0 lb<br/>16 lb<br/>0 lb</p> |                | <p>Structure Notes:</p> <p>1. PER ASTM C-478 SPECIFICATIONS<br/>2. CONCRETE: 4,000 PSI AT 28 DAYS<br/>3. REINFORCEMENT: PER ASTM A615<br/>4. INVERT CHANNEL REQUIRED<br/>5. STEPS AT 0 DEGREES<br/>6. JBS 1150 FRAME &amp; COVER "SANITARY" SUPPLIED BY ICAST</p> |           |                                                                                    |        |
| Structure Total: 18631 lb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |       |                 |              | <p>INVERT CHANNEL DRAWING<br/>FULL HEIGHT INVERT</p>                                                                                               |                |                                                                                                                                                                                                                                                                   |           |                                                                                    |        |
| Rim: 726.26' Rim to Invert: 19.04' Slack: 1.48" Sump: 2" Step Position: 0°                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |       |                 |              |                                                                                                                                                    |                |                                                                                                                                                                                                                                                                   |           |                                                                                    |        |
| Position                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Elev    | Angle | Ext. (cw)       | Pipe         | Pipe OD                                                                                                                                            | Connector      | Hole                                                                                                                                                                                                                                                              | Horz Size | Up ( )                                                                             | Offset |
| Invert 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 707.22' | 0°    | 0"              | 8" PVC SDR35 | 8.5"                                                                                                                                               | PSX 12-08 NYLO | 12"                                                                                                                                                                                                                                                               | 12.129"   | 0"                                                                                 | 0"     |
| Invert 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 707.32' | 180°  | 91.106"         | 8" PVC SDR35 | 8.5"                                                                                                                                               | PSX 12-08 NYLO | 12"                                                                                                                                                                                                                                                               | 12.129"   | 1.2"                                                                               | 0"     |
| Invert 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |       |                 |              |                                                                                                                                                    |                |                                                                                                                                                                                                                                                                   |           |                                                                                    |        |
| Invert 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |       |                 |              |                                                                                                                                                    |                |                                                                                                                                                                                                                                                                   |           |                                                                                    |        |
| Invert 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |       |                 |              |                                                                                                                                                    |                |                                                                                                                                                                                                                                                                   |           |                                                                                    |        |
| Invert 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |       |                 |              |                                                                                                                                                    |                |                                                                                                                                                                                                                                                                   |           |                                                                                    |        |
| Invert 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |       |                 |              |                                                                                                                                                    |                |                                                                                                                                                                                                                                                                   |           |                                                                                    |        |
| Invert 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |       |                 |              |                                                                                                                                                    |                |                                                                                                                                                                                                                                                                   |           |                                                                                    |        |

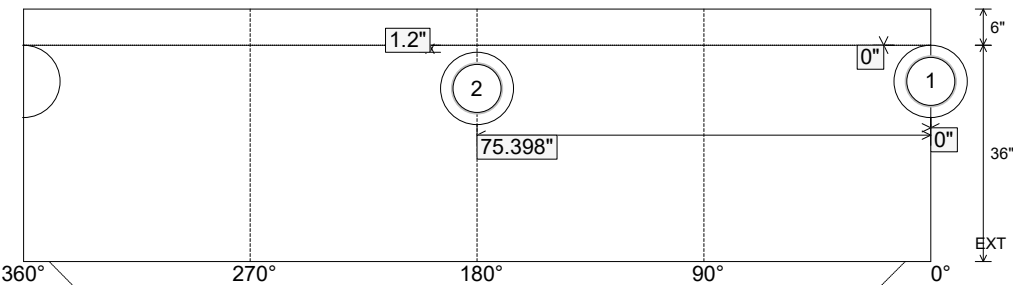
RIGHT-SIDE UP VIEW (int. dimensions)



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): 3749 lb<br>Volume (Net): 0.96cu.yd |
|----------------------------------|---------------------------------|----------------------------------------|----------------------------------------|--------------------------------------------------|