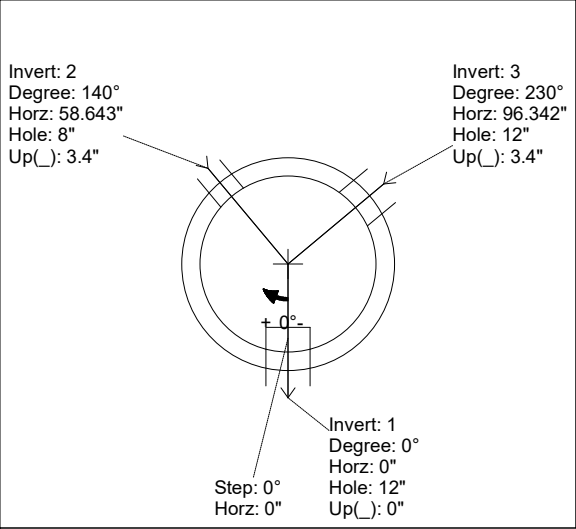
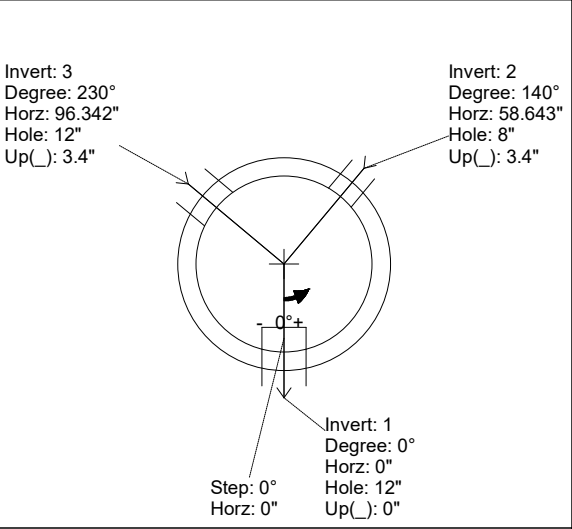


|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |       |           |              |                                                                                                                                                                                        |                 |                                                                                                                                                                                                                                                                |           |                                                                                    |        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|-----------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------|--------|
| Job Name: 25-4288 - Project Wave<br>Job Location: Franklin, KY 42134<br>Contractor: Cumberland Pipeline LLC                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |       |           |              | Plant: 100<br>7/10/2026 8:12:55 AM                                                                                                                                                     |                 | Tech: Jared - A<br>PC: Erica Bradley                                                                                                                                                                                                                           |           |  |        |
| Structure ID: 94                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |       |           |              |                                                                                                                                                                                        |                 |                                                                                                                                                                                                                                                                |           |                                                                                    |        |
| P1 MH048BA24X MH BASE w/XYPEX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |       |           |              |                                                                                                                                                                                        |                 |                                                                                                                                                                                                                                                                |           |                                                                                    |        |
| <p>P4) 24" - CASTING HEIGHT - 7"<br/>P3) 48" - ECC XYPEX CONE w/ 24" HOLE - 30"<br/>P2) 48" - MH RISER w/XYPEX - 60"<br/>P1) 48" - MH BASE w/XYPEX - 24"<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/>2) 48" - Conseal CS-102 1.00" (Double)<br/>1) 24" - Conseal CS-102 1.00" (Double)<br/>1) PSX - 12-06 NYLO<br/>1) PSX - 8QRS-S NYLO<br/>1) PSX - 12-08 NYLO<br/>10) MH Step ML-10-TDS-NCR - 10"</p> |         |       |           |              | <p>0 lb<br/>1981 lb<br/>4192 lb<br/>2890 lb<br/>0 lb<br/>0 lb<br/>1440 lb<br/>250 lb<br/>0 lb<br/>0 lb<br/>8 lb<br/>6 lb<br/>8 lb<br/>0 lb<br/>-----<br/>Structure Total: 10775 lb</p> |                 | <p>Structure Notes:<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 &amp; COVER "SANITARY" SUPPLIED BY ICAST</p> |           |                                                                                    |        |
| Rim: 720.44' Rim to Invert: 9.99' Slack: 1.88" Sump: 3" Step Position: 0°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |       |           |              |                                                                                                                                                                                        |                 |                                                                                                                                                                                                                                                                |           |                                                                                    |        |
| Position                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Elev    | Angle | Ext. (cw) | Pipe         | Pipe OD                                                                                                                                                                                | Connector       | Hole                                                                                                                                                                                                                                                           | Horz Size | Up ( )                                                                             | Offset |
| Invert 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 710.45' | 0°    | 0"        | 6" DI        | 6.875"                                                                                                                                                                                 | PSX 12-06 NYLO  | 12"                                                                                                                                                                                                                                                            | 12.129"   | 0"                                                                                 | 0"     |
| Invert 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 710.65' | 140°  | 70.86"    | 4" PVC SDR35 | 4.25"                                                                                                                                                                                  | PSX 8QRS-S NYLO | 8"                                                                                                                                                                                                                                                             | 8.038"    | 3.4"                                                                               | 0"     |
| Invert 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 710.65' | 230°  | 116.413"  | 8" PVC SDR35 | 8.5"                                                                                                                                                                                   | PSX 12-08 NYLO  | 12"                                                                                                                                                                                                                                                            | 12.129"   | 3.4"                                                                               | 0"     |
| Invert 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |       |           |              |                                                                                                                                                                                        |                 |                                                                                                                                                                                                                                                                |           |                                                                                    |        |
| Invert 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |       |           |              |                                                                                                                                                                                        |                 |                                                                                                                                                                                                                                                                |           |                                                                                    |        |
| Invert 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |       |           |              |                                                                                                                                                                                        |                 |                                                                                                                                                                                                                                                                |           |                                                                                    |        |
| Invert 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |       |           |              |                                                                                                                                                                                        |                 |                                                                                                                                                                                                                                                                |           |                                                                                    |        |
| Invert 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |       |           |              |                                                                                                                                                                                        |                 |                                                                                                                                                                                                                                                                |           |                                                                                    |        |

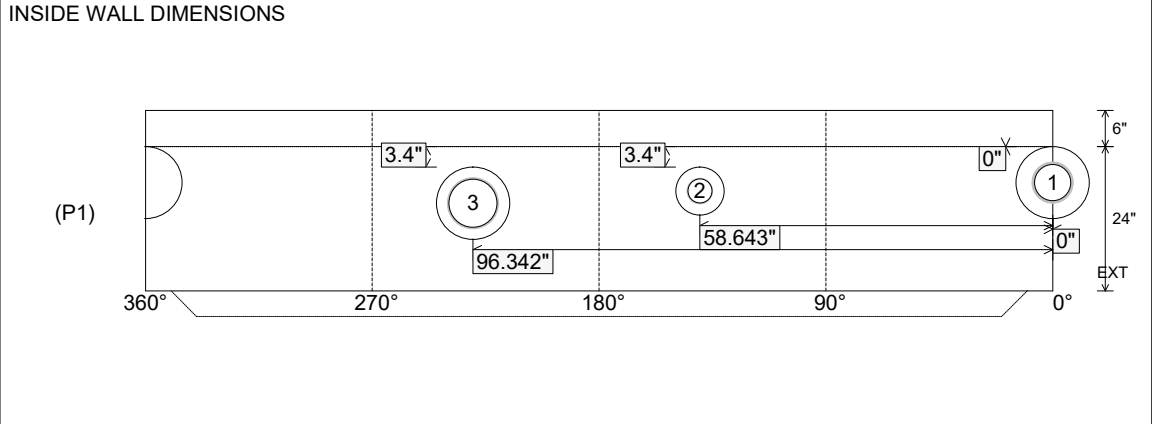
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



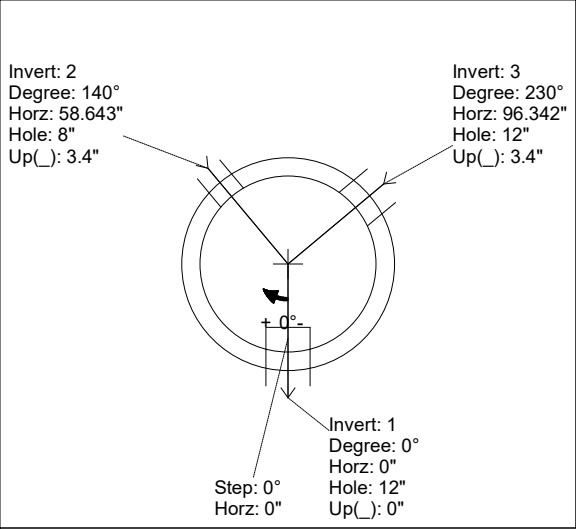
INSIDE WALL DIMENSIONS



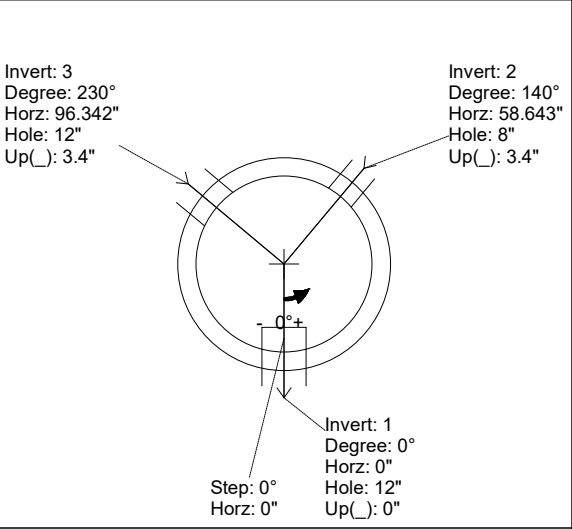
|                                  |                                 |                                        |                                        |                                                  |
|----------------------------------|---------------------------------|----------------------------------------|----------------------------------------|--------------------------------------------------|
| Coating (Int):<br>Coating (Ext): | Seam Up: Tongue<br>Seam Dn: n/a | Wall Thickness: 5"<br>Floor Height: 6" | Height (Int): 24"<br>Height (Ext): 30" | Weight (Net): 2890 lb<br>Volume (Net): 0.74cu.yd |
|----------------------------------|---------------------------------|----------------------------------------|----------------------------------------|--------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |       |           |              |                                                                                                                                                |                 |                                                                                                                                                                                                                                                                |           |                                                                                    |        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|-----------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------|--------|
| Job Name: 25-4288 - Project Wave<br>Job Location: Franklin, KY 42134<br>Contractor: Cumberland Pipeline LLC                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |       |           |              | Plant: 100<br>7/10/2026 8:12:55 AM                                                                                                             |                 | Tech: Jared - A<br>PC: Erica Bradley                                                                                                                                                                                                                           |           |  |        |
| Structure ID: 94                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |       |           |              |                                                                                                                                                |                 |                                                                                                                                                                                                                                                                |           |                                                                                    |        |
| P1 MH048BA24X MH BASE w/XYPEX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |       |           |              |                                                                                                                                                |                 |                                                                                                                                                                                                                                                                |           |                                                                                    |        |
| <p>P4) 24" - CASTING HEIGHT - 7"<br/>P3) 48" - ECC XYPEX CONE w/ 24" HOLE - 30"<br/>P2) 48" - MH RISER w/XYPEX - 60"<br/>P1) 48" - MH BASE w/XYPEX - 24"<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/>2) 48" - Conseal CS-102 1.00" (Double)<br/>1) 24" - Conseal CS-102 1.00" (Double)<br/>1) PSX - 12-06 NYLO<br/>1) PSX - 8QRS-S NYLO<br/>1) PSX - 12-08 NYLO<br/>10) MH Step ML-10-TDS-NCR - 10"</p> |         |       |           |              | <p>0 lb<br/>1981 lb<br/>4192 lb<br/>2890 lb<br/>0 lb<br/>0 lb<br/>1440 lb<br/>250 lb<br/>0 lb<br/>0 lb<br/>8 lb<br/>6 lb<br/>8 lb<br/>0 lb</p> |                 | <p>Structure Notes:<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 &amp; COVER "SANITARY" SUPPLIED BY ICAST</p> |           |                                                                                    |        |
| Structure Total: 10775 lb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |       |           |              | INVERT CHANNEL DRAWING<br>FULL HEIGHT INVERT                                                                                                   |                 |                                                                                                                                                                                                                                                                |           |                                                                                    |        |
| Rim: 720.44' Rim to Invert: 9.99' Slack: 1.88" Sump: 3" Step Position: 0°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |       |           |              |                                                                                                                                                |                 |                                                                                                                                                                                                                                                                |           |                                                                                    |        |
| Position                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Elev    | Angle | Ext. (cw) | Pipe         | Pipe OD                                                                                                                                        | Connector       | Hole                                                                                                                                                                                                                                                           | Horz Size | Up ( )                                                                             | Offset |
| Invert 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 710.45' | 0°    | 0"        | 6" DI        | 6.875"                                                                                                                                         | PSX 12-06 NYLO  | 12"                                                                                                                                                                                                                                                            | 12.129"   | 0"                                                                                 | 0"     |
| Invert 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 710.65' | 140°  | 70.86"    | 4" PVC SDR35 | 4.25"                                                                                                                                          | PSX 8QRS-S NYLO | 8"                                                                                                                                                                                                                                                             | 8.038"    | 3.4"                                                                               | 0"     |
| Invert 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 710.65' | 230°  | 116.413"  | 8" PVC SDR35 | 8.5"                                                                                                                                           | PSX 12-08 NYLO  | 12"                                                                                                                                                                                                                                                            | 12.129"   | 3.4"                                                                               | 0"     |
| Invert 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |       |           |              |                                                                                                                                                |                 |                                                                                                                                                                                                                                                                |           |                                                                                    |        |
| Invert 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |       |           |              |                                                                                                                                                |                 |                                                                                                                                                                                                                                                                |           |                                                                                    |        |
| Invert 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |       |           |              |                                                                                                                                                |                 |                                                                                                                                                                                                                                                                |           |                                                                                    |        |
| Invert 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |       |           |              |                                                                                                                                                |                 |                                                                                                                                                                                                                                                                |           |                                                                                    |        |
| Invert 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |       |           |              |                                                                                                                                                |                 |                                                                                                                                                                                                                                                                |           |                                                                                    |        |

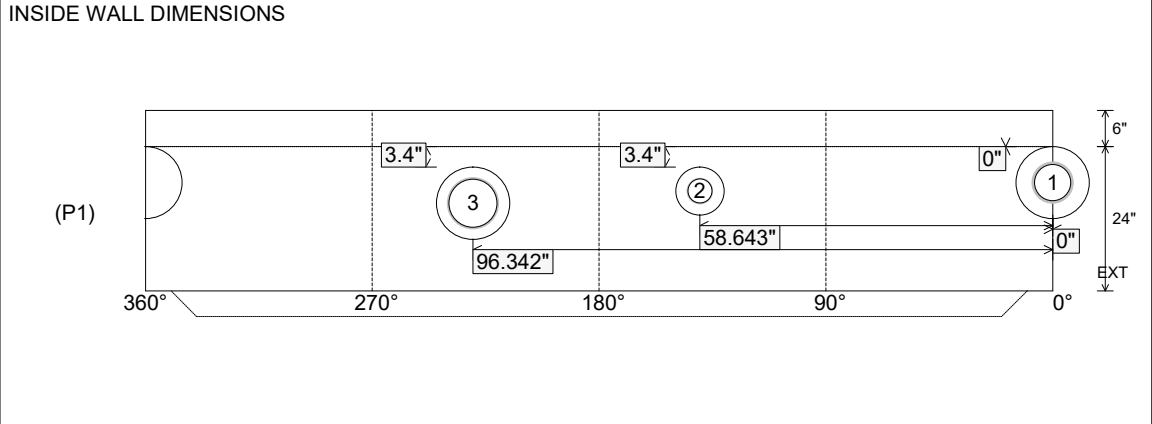
RIGHT-SIDE UP VIEW (int. dimensions)



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): 24"<br>Height (Ext): 30" | Weight (Net): 2890 lb<br>Volume (Net): 0.74cu.yd |
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