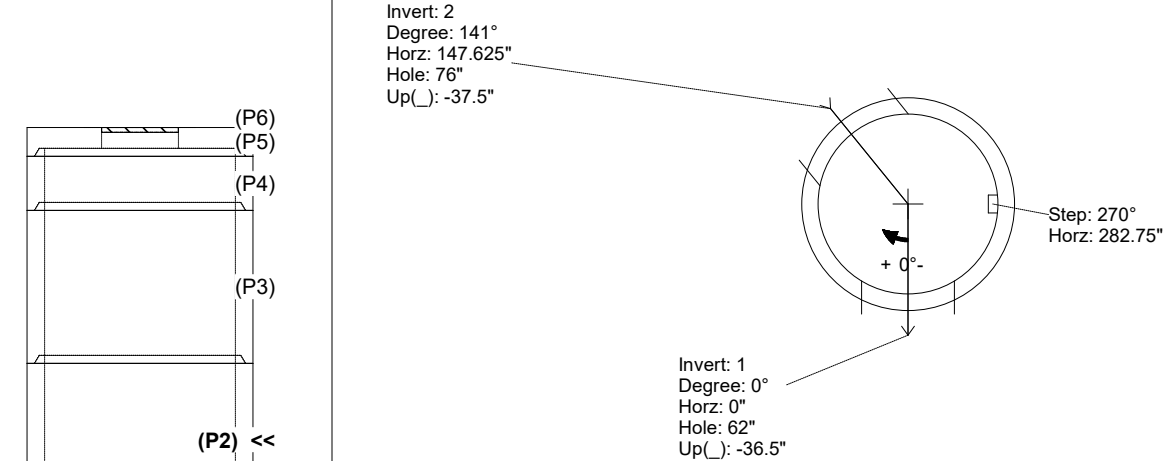
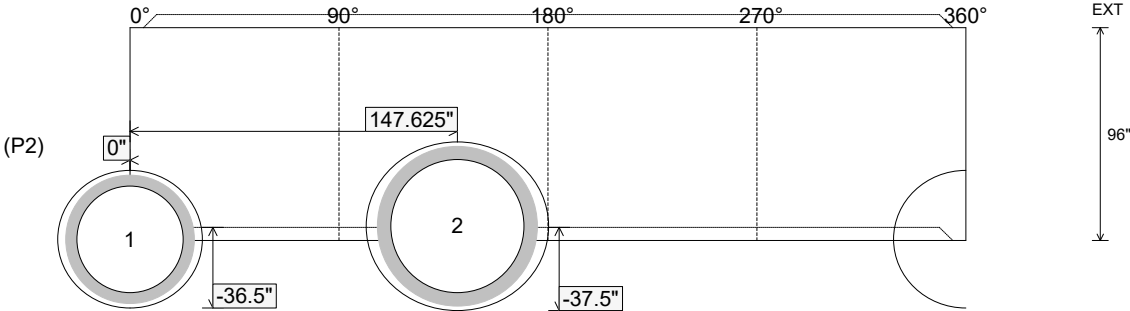


|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |              |           |                |                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                    |        |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------|-----------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------|--------|--|
| Job Name: 26-1466 - Lower Mill Creek HWDW Protection<br>Job Location: Cincinnati, OH<br>Contractor: Sunesis Construction                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |              |           |                | Plant: 100<br>7/22/2026 12:40:06 PM                                                                                                                       |           | Tech: Jared - F<br>PC: E. Bradley                                                                                                                                                                                                                                                                                                                                                                                               |           |  |        |  |
| Structure ID: 220-8 SS-MH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |              |           |                |                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                    |        |  |
| P2 MH120RS96                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         | MH RISER T/G |           |                |                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                    |        |  |
| <p>P6) 48" x 48" - HATCH (CAST FLUSH) - 3"<br/>P5) 120" - MH FLAT TOP w/48"x48" Hatch F/G - 18"<br/>P4) 120" - MH RISER Custom Ht T/G - 34"<br/>P3) 120" - MH RISER T/G - 96"<br/>P2) 120" - MH RISER T/G - 96"<br/>P1) 120" - MH BASE EF Cust. Ht. 24"F (14"EF =170"OD) T/n - 62"<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/>4) 120" - Hamilton Kent MH Gasket<br/>1) Hole - 62<br/>1) Hole - 76<br/>1) Kor-N-Seal2 - S206-28<br/>20) MH Step ML-10-TDS-NCR - 10"</p> |         |              |           |                | <p>100 lb<br/>14814 lb<br/>12916 lb<br/>36468 lb<br/>32259 lb<br/>65517 lb<br/>0 lb<br/>0 lb<br/>1440 lb<br/>0 lb<br/>0 lb<br/>0 lb<br/>6 lb<br/>0 lb</p> |           | <p>Structure Notes: .<br/>1. PER CINCINNATI MSD / ASTM C478 SPECIFICATIONS.<br/>2. CONCRETE = 4,000 PSI AT 28 DAYS.<br/>3. HATCH SUPPLIED BY OTHERS.<br/>4. HATCH TO BE CAST INTO THE TOP SLAB.<br/>5. BAFFLE WALL, WEIR PLATE, &amp; INVERT CHANNEL PROVIDED BY OTHERS.<br/><br/>REINFORCING PER ASTM A615 (GRADE 60).<br/>- TOP SLAB = H20 LOADING<br/>- RISER/WALLS (As .36)<br/>- FLOOR #6 BARS AT 6" O.C.E.W. DBL. MAT</p> |           |                                                                                    |        |  |
| Rim: 498.5' Rim to Invert: 23.34' Slack: 0.6" Sump: 26.52" Step Position: 270°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |              |           |                | Structure Total: 163520 lb                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                    |        |  |
| Position                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Elev    | Angle        | Ext. (cw) | Pipe           | Pipe OD                                                                                                                                                   | Connector | Hole                                                                                                                                                                                                                                                                                                                                                                                                                            | Horz Size | Up ( )                                                                             | Offset |  |
| Invert 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 476.16' | 0°           | 0"        | 48" RCP B WALL | 58"                                                                                                                                                       | Hole 62   | 62"                                                                                                                                                                                                                                                                                                                                                                                                                             | 65.154"   | -36.5"                                                                             | 0"     |  |
| Invert 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 476.16' | 141°         | 174.75"   | 60" RCP B WALL | 72"                                                                                                                                                       | Hole 76   | 76"                                                                                                                                                                                                                                                                                                                                                                                                                             | 82.302"   | -37.5"                                                                             | 0"     |  |
| Invert 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |              |           |                |                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                    |        |  |
| Invert 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |              |           |                |                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                    |        |  |
| Invert 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |              |           |                |                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                    |        |  |
| Invert 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |              |           |                |                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                    |        |  |
| Invert 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |              |           |                |                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                    |        |  |
| Invert 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |              |           |                |                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |                                                                                    |        |  |

RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



|                                  |                                    |                                         |                                        |                                                   |
|----------------------------------|------------------------------------|-----------------------------------------|----------------------------------------|---------------------------------------------------|
| Coating (Int):<br>Coating (Ext): | Seam Up: Tongue<br>Seam Dn: Groove | Wall Thickness: 11"<br>Floor Height: 0" | Height (Int): 96"<br>Height (Ext): 96" | Weight (Net): 32259 lb<br>Volume (Net): 8.24cu.yd |
|----------------------------------|------------------------------------|-----------------------------------------|----------------------------------------|---------------------------------------------------|