

**Structure ID: 180-85 SS-MH**

**P2 MH048RS24**

**MH RISER T/G**

|  |   |      |  |         |  |         |  |         |  |         |  |      |  |      |  |        |  |      |  |       |  |      |  |       |  |                  |          |
|--|---|------|--|---------|--|---------|--|---------|--|---------|--|------|--|------|--|--------|--|------|--|-------|--|------|--|-------|--|------------------|----------|
| P4) 24" - CASTING HEIGHT - 7"<br>P3) 48" - ECC CONE w/ 24" HOLE F/G - 36"<br>P2) 48" - MH RISER T/G - 24"<br>P1) 48" - MH BASE (08"F) T/n - 34"<br>1) 48" - MH INVERT CHANNEL - FULL HEIGHT<br>1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212<br>1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)<br>1) CASTING - HOE MC-375 F/C BGMU Sanitary<br>2) 48" - Conseal CS-102 1.00" (Double)<br>2) Kor-N-Seal2 - S206-28<br>6) MH Step ML-10-TDS-NCR - 10" | <table style="width:100%; border-collapse: collapse;"> <tr><td style="text-align: right;">0 lb</td><td></td></tr> <tr><td style="text-align: right;">3000 lb</td><td></td></tr> <tr><td style="text-align: right;">1677 lb</td><td></td></tr> <tr><td style="text-align: right;">3603 lb</td><td></td></tr> <tr><td style="text-align: right;">1440 lb</td><td></td></tr> <tr><td style="text-align: right;">0 lb</td><td></td></tr> <tr><td style="text-align: right;">0 lb</td><td></td></tr> <tr><td style="text-align: right;">271 lb</td><td></td></tr> <tr><td style="text-align: right;">0 lb</td><td></td></tr> <tr><td style="text-align: right;">13 lb</td><td></td></tr> <tr><td style="text-align: right;">0 lb</td><td></td></tr> <tr><td style="text-align: right;">-----</td><td></td></tr> <tr><td style="text-align: right;">Structure Total:</td><td style="text-align: right;">10004 lb</td></tr> </table> | 0 lb |  | 3000 lb |  | 1677 lb |  | 3603 lb |  | 1440 lb |  | 0 lb |  | 0 lb |  | 271 lb |  | 0 lb |  | 13 lb |  | 0 lb |  | ----- |  | Structure Total: | 10004 lb |
| 0 lb   |   |      |  |         |  |         |  |         |  |         |  |      |  |      |  |        |  |      |  |       |  |      |  |       |  |                  |          |
| 3000 lb  |   |      |  |         |  |         |  |         |  |         |  |      |  |      |  |        |  |      |  |       |  |      |  |       |  |                  |          |
| 1677 lb  |   |      |  |         |  |         |  |         |  |         |  |      |  |      |  |        |  |      |  |       |  |      |  |       |  |                  |          |
| 3603 lb  |   |      |  |         |  |         |  |         |  |         |  |      |  |      |  |        |  |      |  |       |  |      |  |       |  |                  |          |
| 1440 lb  |   |      |  |         |  |         |  |         |  |         |  |      |  |      |  |        |  |      |  |       |  |      |  |       |  |                  |          |
| 0 lb   |   |      |  |         |  |         |  |         |  |         |  |      |  |      |  |        |  |      |  |       |  |      |  |       |  |                  |          |
| 0 lb   |   |      |  |         |  |         |  |         |  |         |  |      |  |      |  |        |  |      |  |       |  |      |  |       |  |                  |          |
| 271 lb   |   |      |  |         |  |         |  |         |  |         |  |      |  |      |  |        |  |      |  |       |  |      |  |       |  |                  |          |
| 0 lb   |   |      |  |         |  |         |  |         |  |         |  |      |  |      |  |        |  |      |  |       |  |      |  |       |  |                  |          |
| 13 lb  |   |      |  |         |  |         |  |         |  |         |  |      |  |      |  |        |  |      |  |       |  |      |  |       |  |                  |          |
| 0 lb   |   |      |  |         |  |         |  |         |  |         |  |      |  |      |  |        |  |      |  |       |  |      |  |       |  |                  |          |
| -----  |   |      |  |         |  |         |  |         |  |         |  |      |  |      |  |        |  |      |  |       |  |      |  |       |  |                  |          |
| Structure Total:   | 10004 lb  |      |  |         |  |         |  |         |  |         |  |      |  |      |  |        |  |      |  |       |  |      |  |       |  |                  |          |

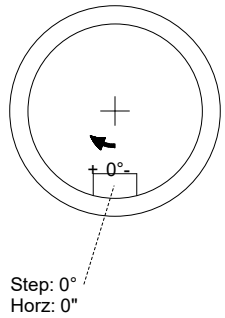
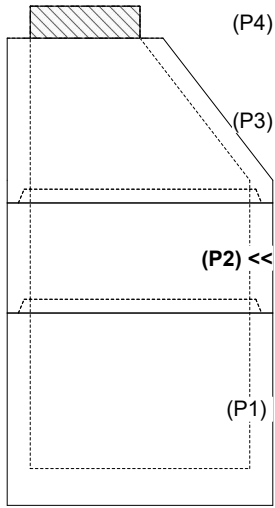
Structure Notes:

1. PER KYTC & ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT: PER ASTM A615
4. STEPS AT 0 DEGREES
5. HOE MC-375 FRAME & COVER "BGMU SANITARY" SUPPLIED BY ICAST

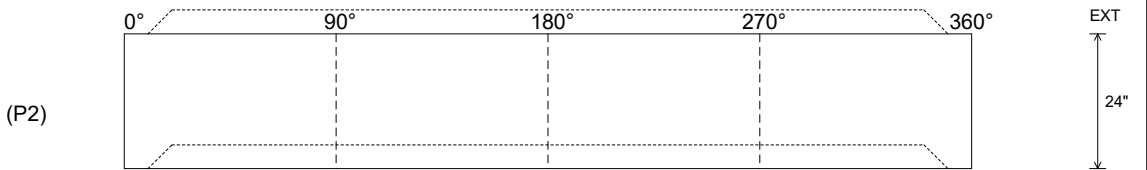
Rim: 477.69'    Rim to Invert: 8.35'    Slack: 1.2"    Sump: 2"    Step Position: 0

| Position | Elev | Angle | Ext. (cw) | Pipe | Pipe OD | Connector | Hole | Horz Size | Up ( ) | Offset |
|----------|------|-------|-----------|------|---------|-----------|------|-----------|--------|--------|
| Invert 1 |      |       |           |      |         |           |      |           |        |        |
| Invert 2 |      |       |           |      |         |           |      |           |        |        |
| 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: 5"<br>Floor Height: 0" | Height (Int): 24"<br>Height (Ext): 24" | Weight (Net): 1677 lb<br>Volume (Net): 0.43cu.yd |
|----------------------------------|------------------------------------|--|--|--|