

|                                                                                                                                                                                               |         |       |                          |       |                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                        |           |        |        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|--------------------------|-------|---------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------|--------|
| Job Name: 25-3241P2 - Buck Hills Subdivision<br>Job Location: Lawrenceburg, KY 40342<br>Contractor: Edmonson Plumbing & Heating Supply                                                        |         |       |                          |       | Plant: 100<br>7/24/2026 12:44:03 PM                                             |                 | Tech: Jared - A<br>PC: C. Goff                                                                                                                                                                                                                                                                                                                         |           |        |        |
| <b>Structure ID: Valve Vault</b>                                                                                                                                                              |         |       |                          |       |                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                        |           |        |        |
| <b>P1 MH048BAVF</b>                                                                                                                                                                           |         |       | <b>MH BASE Custom Ht</b> |       |                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                        |           |        |        |
| P3) 30" x 30" - HATCH (CAST FLUSH) - 3"<br>P2) 48" - MH FLAT TOP w/30"x30" Hatch - 12"<br>P1) 48" - MH BASE Custom Ht - 53"<br>1) 48" - Conseal CS-102 1.00" (Double)<br>4) PSX - 8QRS-S NYLO |         |       |                          |       | 100 lb<br>1350 lb<br>4942 lb<br>0 lb<br>26 lb<br><hr/> Structure Total: 6418 lb |                 | <b>Structure Notes:</b><br>1. PER ASTM C-478 SPECIFICATIONS<br>2. CONCRETE: 4,000 PSI AT 28 DAYS<br>3. REINFORCEMENT:<br>- FLAT LID: #5 BAR @ 6" C.C. E.W. (GRADE 60)<br>- BASE WALLS: PER ASTM A615<br>- BASE FLOOR: #5 BAR @ 12" C.C. E.W. (GRADE 60)<br>4. NO STEPS<br>5. HALLIDAY S1R 30" X 30" HATCH SUPPLIED BY ICAST - TO BE CAST INTO FLAT LID |           |        |        |
| Rim: 786.5'      Rim to Invert: 5.4'      Slack: -0.2"      Sump: 0"      Step Position:                                                                                                      |         |       |                          |       |                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                        |           |        |        |
| Position                                                                                                                                                                                      | Elev    | Angle | Ext. (cw)                | Pipe  | Pipe OD                                                                         | Connector       | Hole                                                                                                                                                                                                                                                                                                                                                   | Horz Size | Up ( ) | Offset |
| Invert 1                                                                                                                                                                                      | 782.38' | 0°    | 0"                       | 3" DI | 3.5"                                                                            | PSX 8QRS-S NYLO | 8"                                                                                                                                                                                                                                                                                                                                                     | 8.038"    | 12.86" | 0"     |
| Invert 2                                                                                                                                                                                      | 782.38' | 180°  | 78.734"                  | 3" DI | 3.5"                                                                            | PSX 8QRS-S NYLO | 8"                                                                                                                                                                                                                                                                                                                                                     | 9.357"    | 12.86" | -12"   |
| Invert 3                                                                                                                                                                                      | 782.38' | 180°  | 103.478"                 | 3" DI | 3.5"                                                                            | PSX 8QRS-S NYLO | 8"                                                                                                                                                                                                                                                                                                                                                     | 9.357"    | 12.86" | 12"    |
| Invert 4                                                                                                                                                                                      | 781.1'  | 180°  | 91.106"                  | 3" DI | 3.5"                                                                            | PSX 8QRS-S NYLO | 8"                                                                                                                                                                                                                                                                                                                                                     | 8.038"    | -2.5"  | 0"     |
| Invert 5                                                                                                                                                                                      |         |       |                          |       |                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                        |           |        |        |
| Invert 6                                                                                                                                                                                      |         |       |                          |       |                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                        |           |        |        |
| Invert 7                                                                                                                                                                                      |         |       |                          |       |                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                        |           |        |        |
| Invert 8                                                                                                                                                                                      |         |       |                          |       |                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                        |           |        |        |

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

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

(P1) <<

**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): 53"<br>Height (Ext): 59" | Weight (Net): 4942 lb<br>Volume (Net): 1.26cu.yd |
|----------------------------------|---------------------------------|----------------------------------------|----------------------------------------|--------------------------------------------------|