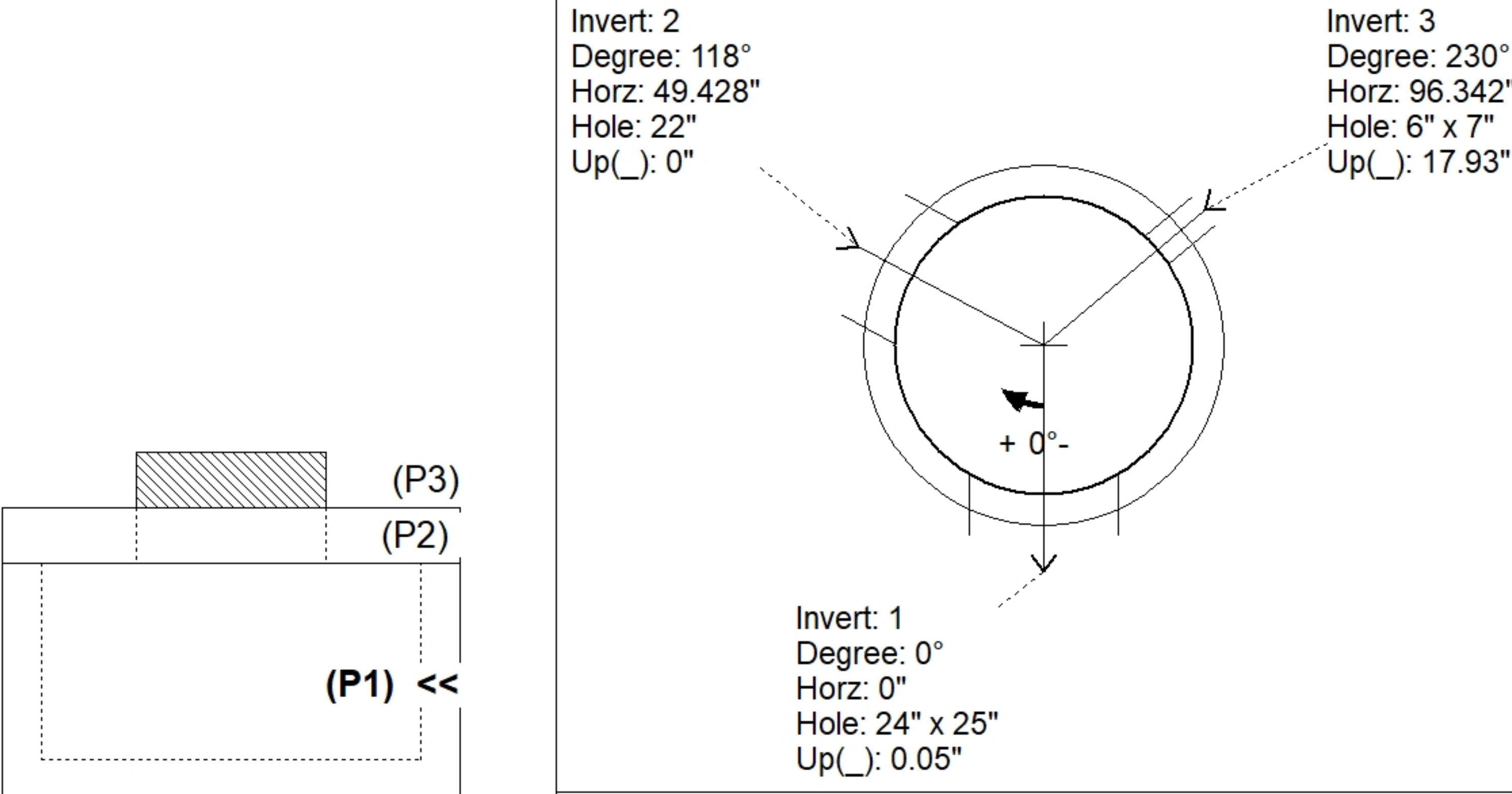
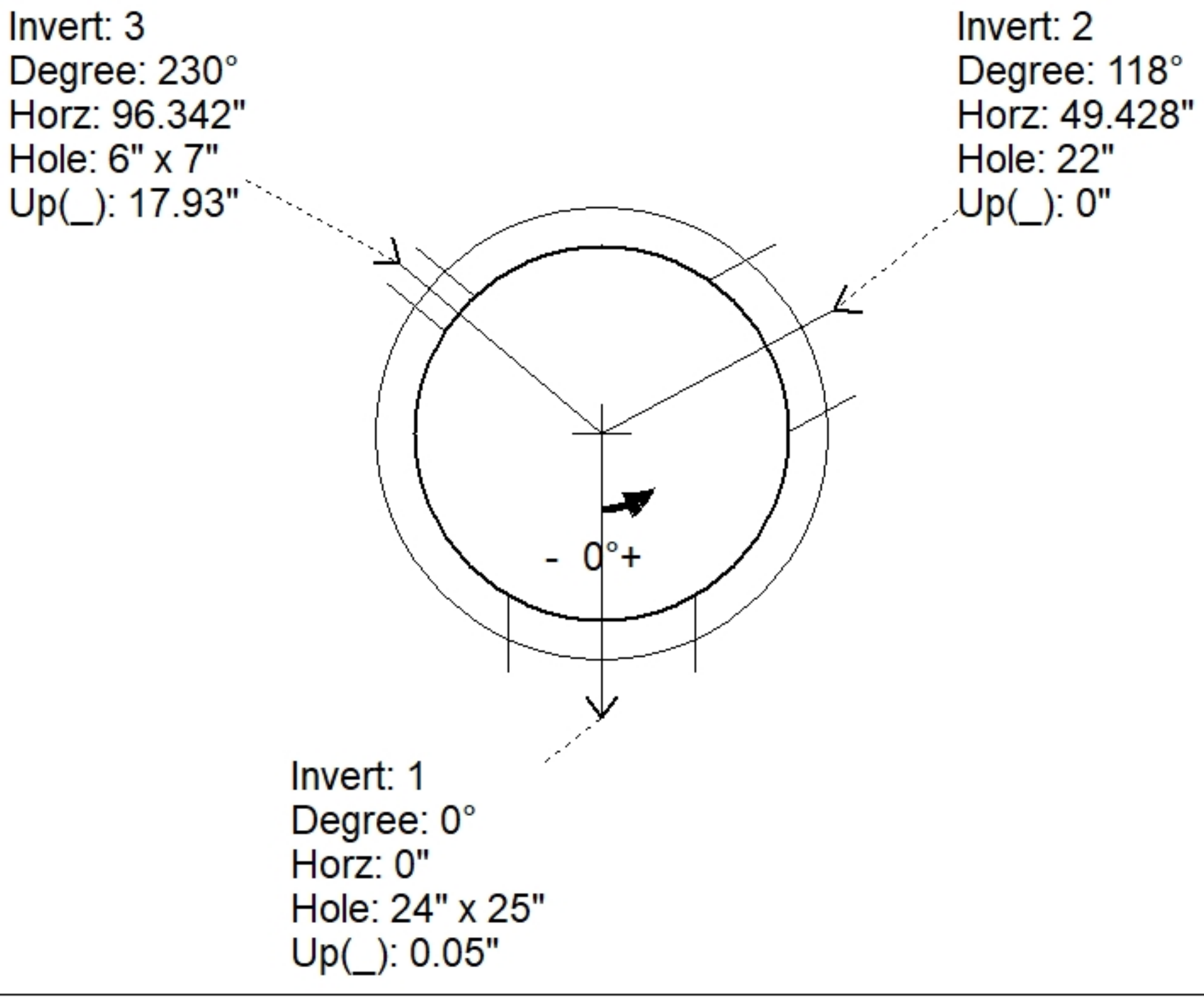
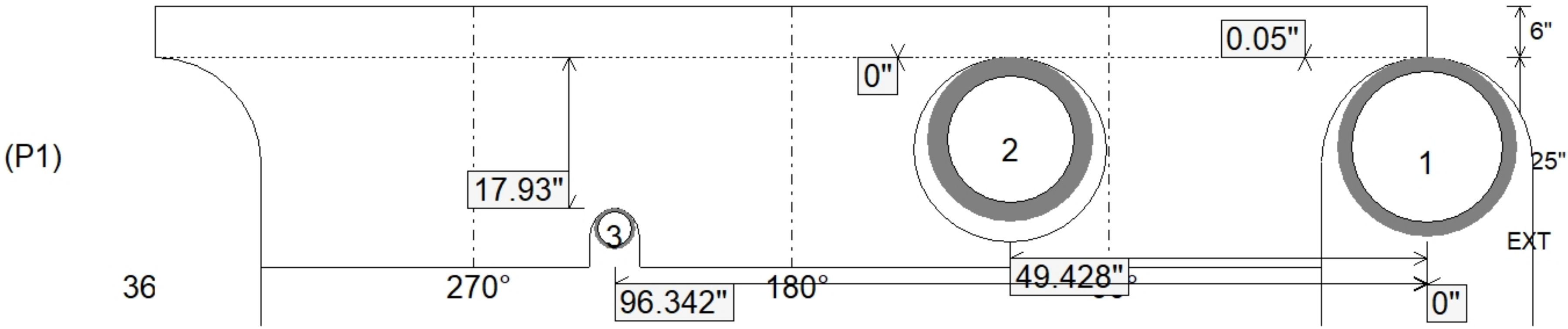


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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------|-----------|-------------------------------|--------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------|--|
| Job Name: 26-2018B Hancock Co Middle School Utility<br>Job Location: South Lewisport, KY<br>Contractor: Winwater Hartford KY Co.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |                      |           |                               | Plant: Beaver Dam<br>10/12/2026 8:19:40 AM |                                                                                                      | Tech: S. Felletter<br>PC: A. Chambers |                                                                                                                                                                                                                                                                                                                                    |  |                                                  |  |
| Structure ID: DI-8A ST-IN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |                      |           |                               |                                            |                                                                                                      |                                       |                                                                                                                                                                                                                                                                                                                                    |                                                                                    |                                                  |  |
| P1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         | MH048BAVF            |           | MH BASE Custom Ht F/n         |                                            |                                                                                                      |                                       |                                                                                                                                                                                                                                                                                                                                    |                                                                                    |                                                  |  |
| <p>P3) 24" - CASTING HEIGHT - 7"<br/>P2) 48" - MH FLAT TOP w/ 24" Center Hole F/F - 7"<br/>P1) 48" - MH BASE Custom Ht F/n - 25"</p> <p>1) CASTING - HOE MCB-315-B Fr./Bar Grate<br/>1) 48" - Conseal CS-102 1.00"<br/>1) 24" - Conseal CS-102 1.00"<br/>1) DOGHOUSE INVRTD - 24"x25"<br/>1) Hole - 22<br/>1) DOGHOUSE INVRTD - 6"x7"</p> <p>Structure Total: 4415 lb</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |                      |           |                               |                                            | <p>0 lb<br/>1496 lb<br/>2663 lb<br/>255 lb<br/>0 lb<br/>0 lb<br/>0 lb<br/>0 lb<br/>0 lb<br/>0 lb</p> |                                       | <p>Structure Notes: .<br/>1. PER ASTM C478 SPECIFICATIONS.<br/>2. CONCRETE = 4,000 PSI AT 28 DAYS.<br/>3. CASTING BY ICAST (HOE MCB-315-B F/BAR GRATE).<br/>.<br/>REINFORCING PER ASTM A615 (GRADE 60).<br/>- TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.<br/>- RISER/WALLS (As .12)<br/>- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.</p> |                                                                                    |                                                  |  |
| Rim: 411'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         | Rim to Invert: 3.19' |           | Slack: 0.93"                  |                                            | Sump: 1.65"                                                                                          |                                       | Step Position: 0°                                                                                                                                                                                                                                                                                                                  |                                                                                    |                                                  |  |
| Position                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Elev    | Angle                | Ext. (cw) | Pipe                          | Pipe OD                                    | Connector                                                                                            | Hole                                  | Horz Size                                                                                                                                                                                                                                                                                                                          | Up ( )                                                                             | Offset                                           |  |
| Invert 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 407.81' | 0°                   | 0"        | 18" HDPE                      | 21.2"                                      | DOGHOUSE INVRTD 24"x25"                                                                              | 24" x 25"                             | 25.133"                                                                                                                                                                                                                                                                                                                            | 0.05"                                                                              | 0"                                               |  |
| Invert 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 407.86' | 118°                 | 59.725"   | 15" RCP B WALL                | 19.5"                                      | Hole 22                                                                                              | 22"                                   | 22.854"                                                                                                                                                                                                                                                                                                                            | 0"                                                                                 | 0"                                               |  |
| Invert 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 409.2'  | 230°                 | 116.413"  | 4" HDPE                       | 4.8"                                       | DOGHOUSE INVRTD 6"x7"                                                                                | 6" x 7"                               | 6.016"                                                                                                                                                                                                                                                                                                                             | 17.93"                                                                             | 0"                                               |  |
| Invert 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                      |           |                               |                                            |                                                                                                      |                                       |                                                                                                                                                                                                                                                                                                                                    |                                                                                    |                                                  |  |
| Invert 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                      |           |                               |                                            |                                                                                                      |                                       |                                                                                                                                                                                                                                                                                                                                    |                                                                                    |                                                  |  |
| Invert 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                      |           |                               |                                            |                                                                                                      |                                       |                                                                                                                                                                                                                                                                                                                                    |                                                                                    |                                                  |  |
| Invert 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                      |           |                               |                                            |                                                                                                      |                                       |                                                                                                                                                                                                                                                                                                                                    |                                                                                    |                                                  |  |
| Invert 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |                      |           |                               |                                            |                                                                                                      |                                       |                                                                                                                                                                                                                                                                                                                                    |                                                                                    |                                                  |  |
| <div><div><p>RIGHT-SIDE UP VIEW (int. dimensions)</p></div><div><p>UPSIDE-DOWN VIEW (int. dimenions)</p></div></div> <div><p>INSIDE WALL DIMENSIONS</p></div> |         |                      |           |                               |                                            |                                                                                                      |                                       |                                                                                                                                                                                                                                                                                                                                    |                                                                                    |                                                  |  |
| Coating (Int):<br>Coating (Ext):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |                      |           | Seam Up: Flat<br>Seam Dn: n/a |                                            | Wall Thickness: 5"<br>Floor Height: 6"                                                               |                                       | Height (Int): 25"<br>Height (Ext): 31"                                                                                                                                                                                                                                                                                             |                                                                                    | Weight (Net): 2663 lb<br>Volume (Net): 0.68cu.yd |  |