

**ERI-US 0006-CONNECTIVITY CORRIDOR**

MODEL: (1) subsummary PAPER SIZE: 34x22 (in). DATE: 7/31/2025 TIME: 10:54:49 AM PLTDRV: OHDOT\_PDF Levels.pltcrf PENITBL: OHDOT Pen.tbl USER: jlwilson@gflinc.com WORKSPACE: OHDOTCEV02 WORKSET: 116570 PRODUCT: OpenRoads Designer 24.00.00.2005  
pww:\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 03\Erie\116570\4042-Engineering\_TransSystems\Drainage\Sheets\116570\_DS001.dgn

| DRAINAGE ESTIMATED QUANTITIES SHEET NO. | WITH TYPE 2 UNDERLAYMENT        |                                                        |                                                       |                            |                     |                            |                            |                     |                             |                       |                      |                             |                                                            |                                            |                                                       |                     |                             |  |  |  |  |
|-----------------------------------------|---------------------------------|--------------------------------------------------------|-------------------------------------------------------|----------------------------|---------------------|----------------------------|----------------------------|---------------------|-----------------------------|-----------------------|----------------------|-----------------------------|------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------|---------------------|-----------------------------|--|--|--|--|
|                                         | 601                             | 601                                                    | 602                                                   | 611                        | 611                 | 611                        | 611                        | 611                 | 611                         | 611                   | 611                  | 611                         | 611                                                        | 611                                        | 611                                                   | 611                 | 611                         |  |  |  |  |
|                                         | TIED CONCRETE BLOCK MAT, TYPE 2 | ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC | CONCRETE MASONRY                                      | 4" CONDUIT, TYPE B, 707.31 | 6" CONDUIT, TYPE B  | 6" CONDUIT, TYPE B, 707.42 | 8" CONDUIT, TYPE B, 707.31 | 12" CONDUIT, TYPE B | 12" CONDUIT, TYPE B, 707.33 | 12" CONDUIT, TYPE C   | 15" CONDUIT, TYPE B  | 15" CONDUIT, TYPE B, 707.42 | 15" CONDUIT, TYPE B, AS PER PLAN, INCLUDES ROCK EXCAVATION | 15" CONDUIT, TYPE C                        | 15" CONDUIT, TYPE F, 707.05 TYPE C, 707.21, OR 707.33 | 18" CONDUIT, TYPE B | 18" CONDUIT, TYPE B, 706.02 |  |  |  |  |
|                                         | SY                              | CY                                                     | CY                                                    | FT                         | FT                  | FT                         | FT                         | FT                  | FT                          | FT                    | FT                   | FT                          | FT                                                         | FT                                         | FT                                                    | FT                  | FT                          |  |  |  |  |
| P.0307                                  |                                 |                                                        |                                                       | 5                          |                     |                            | 10                         | 1674                | 5                           |                       | 1049                 | 5                           | 304                                                        |                                            |                                                       | 260                 | 5                           |  |  |  |  |
| P.0308                                  |                                 | 2                                                      | X 0.46                                                |                            |                     |                            |                            | 196                 | 12                          | 13                    |                      |                             |                                                            |                                            |                                                       |                     |                             |  |  |  |  |
| P.0309                                  | 94                              | 2                                                      | X 1.14                                                | 13                         | 98                  | 16                         |                            | 584                 |                             |                       | 159                  | 5                           |                                                            | 58                                         |                                                       | 278                 |                             |  |  |  |  |
| P.0310                                  | 99                              | 1                                                      | 2 1.55                                                |                            |                     |                            |                            | 640                 |                             |                       | 285                  |                             |                                                            | 12                                         | 51                                                    |                     |                             |  |  |  |  |
|                                         |                                 |                                                        |                                                       |                            |                     |                            |                            |                     |                             |                       |                      |                             |                                                            |                                            |                                                       |                     |                             |  |  |  |  |
|                                         |                                 |                                                        |                                                       |                            |                     |                            |                            |                     |                             |                       |                      |                             |                                                            |                                            |                                                       |                     |                             |  |  |  |  |
|                                         |                                 |                                                        |                                                       |                            |                     |                            |                            |                     |                             |                       |                      |                             |                                                            |                                            |                                                       |                     |                             |  |  |  |  |
|                                         |                                 |                                                        |                                                       |                            |                     |                            |                            |                     |                             |                       |                      |                             |                                                            |                                            |                                                       |                     |                             |  |  |  |  |
|                                         |                                 |                                                        |                                                       |                            |                     |                            |                            |                     |                             |                       |                      |                             |                                                            |                                            |                                                       |                     |                             |  |  |  |  |
|                                         |                                 |                                                        |                                                       |                            |                     |                            |                            |                     |                             |                       |                      |                             |                                                            |                                            |                                                       |                     |                             |  |  |  |  |
|                                         |                                 |                                                        |                                                       |                            |                     |                            |                            |                     |                             |                       |                      |                             |                                                            |                                            |                                                       |                     |                             |  |  |  |  |
|                                         |                                 |                                                        |                                                       |                            |                     |                            |                            |                     |                             |                       |                      |                             |                                                            |                                            |                                                       |                     |                             |  |  |  |  |
|                                         |                                 |                                                        |                                                       |                            |                     |                            |                            |                     |                             |                       |                      |                             |                                                            |                                            |                                                       |                     |                             |  |  |  |  |
| TOTALS CARRIED TO GENERAL SUMMARY       | 193                             | 5                                                      | S 3.15                                                | 18                         | 98                  | 16                         | 10                         | 3094                | 17                          | 13                    | 1493                 | 10                          | 304                                                        | 70                                         | 51                                                    | 538                 | 5                           |  |  |  |  |
|                                         |                                 |                                                        |                                                       |                            |                     |                            |                            |                     |                             |                       |                      |                             |                                                            |                                            |                                                       |                     |                             |  |  |  |  |
| DRAINAGE ESTIMATED QUANTITIES SHEET NO. | 611                             | 611                                                    | 611                                                   | 611                        | 611                 | 611                        | 611                        | 611                 | 611                         | 611                   | 611                  | 611                         | 611                                                        | 611                                        | 611                                                   | 611                 | 611                         |  |  |  |  |
|                                         | 18" CONDUIT, TYPE C             | 24" CONDUIT, TYPE B                                    | 24" CONDUIT, TYPE F, 707.05 TYPE C, 707.21, OR 707.33 | 30" CONDUIT, TYPE B        | 30" CONDUIT, TYPE C | CATCH BASIN, NO. 3         | CATCH BASIN, NO. 3A        | CATCH BASIN, NO. 5  | CATCH BASIN, NO. 6          | CATCH BASIN, NO. 2-2B | CATCH BASIN, NO. 2-3 | INLET, SIDE DITCH           | CATCH BASIN ADJUSTED TO GRADE                              | CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN | CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN       | MANHOLE, NO. 3      | MANHOLE ADJUSTED TO GRADE   |  |  |  |  |
|                                         | FT                              | FT                                                     | FT                                                    | FT                         | FT                  | EACH                       | EACH                       | EACH                | EACH                        | EACH                  | EACH                 | EACH                        | EACH                                                       | EACH                                       | EACH                                                  | EACH                | EACH                        |  |  |  |  |
| P.0307                                  | 480                             | 95                                                     | 33                                                    |                            |                     | 3                          | 6                          | 6                   | 1                           | 13                    | 1                    |                             |                                                            |                                            |                                                       |                     |                             |  |  |  |  |
| P.0308                                  |                                 | 1010                                                   |                                                       | 588                        |                     |                            | 6                          | 3                   | 1                           |                       | 2                    |                             | 1                                                          | 2                                          |                                                       | 3                   | 4                           |  |  |  |  |
| P.0309                                  | 57                              | 276                                                    |                                                       |                            | 24                  | 3                          | 12                         |                     | 2                           | 3                     |                      | 1                           | 5                                                          | 3                                          | 1                                                     | 5                   |                             |  |  |  |  |
| P.0310                                  |                                 |                                                        |                                                       |                            |                     | 4                          | 7                          |                     | 1                           |                       |                      |                             |                                                            |                                            |                                                       |                     |                             |  |  |  |  |
|                                         |                                 |                                                        |                                                       |                            |                     |                            |                            |                     |                             |                       |                      |                             |                                                            |                                            |                                                       |                     |                             |  |  |  |  |
|                                         |                                 |                                                        |                                                       |                            |                     |                            |                            |                     |                             |                       |                      |                             |                                                            |                                            |                                                       |                     |                             |  |  |  |  |
|                                         |                                 |                                                        |                                                       |                            |                     |                            |                            |                     |                             |                       |                      |                             |                                                            |                                            |                                                       |                     |                             |  |  |  |  |
|                                         |                                 |                                                        |                                                       |                            |                     |                            |                            |                     |                             |                       |                      |                             |                                                            |                                            |                                                       |                     |                             |  |  |  |  |
|                                         |                                 |                                                        |                                                       |                            |                     |                            |                            |                     |                             |                       |                      |                             |                                                            |                                            |                                                       |                     |                             |  |  |  |  |
|                                         |                                 |                                                        |                                                       |                            |                     |                            |                            |                     |                             |                       |                      |                             |                                                            |                                            |                                                       |                     |                             |  |  |  |  |
| TOTALS CARRIED TO GENERAL SUMMARY       | 537                             | 1381                                                   | 33                                                    | 588                        | 24                  | 10                         | 31                         | 9                   | 5                           | 16                    | 3                    | 1                           | 6                                                          | 5                                          | 1                                                     | 8                   | 4                           |  |  |  |  |

## DRAINAGE SUBSUMMARY

|                    |                                                          |
|--------------------|----------------------------------------------------------|
| DESIGN AGENCY      |                                                          |
| <b>TRANSYSTEMS</b> | 400 W. NATIONWIDE BLVD., STE 225<br>COLUMBUS, OHIO 43215 |
| DESIGNER           |                                                          |
| JIW                |                                                          |
| REVIEWER           |                                                          |
| GHM 07/30          |                                                          |
| PROJECT ID         |                                                          |
| 116570             |                                                          |
| SHEET              | TOTAL                                                    |
| P.0306             | 10                                                       |



**ERI-US 0006-CONNECTIVITY CORRIDOR**

MODEL: (2) widening 1 PAPER SIZE: 34x22 (in). DATE: 7/31/2025 TIME: 10:54:49 AM PLTDRV: CHDOT\_PDF\_Levels.plt PENTBL: CHDOT\_Pent.tbl USER: jwilson@gtfinc.com WORKSPACE: CHDOTCv02 WORKSET: 116570 PRODUCT: OpenRoadsDesigner 24.00.00.205  
pwl:\ohdotd-cw.bentley.com\ohdotd-pw-42\Documents\01 Active Projects\District 03\Erie\116570402-Engineering\_TransSystems\Drainage\Sheets\116570\_DS001.dgn

| REF NO. | SHEET NO. | ALIGNMENT | STATION TO STATION        |            | SIDE    | 611                        | 611                        | 611                 | 611                         | 611                 | 611                         | 611                                                        | 611                 | 611                         | 611                 | 611                 | 611                                                   | 611                | 611                 | 611                | 611                |                       |                      |
|---------|-----------|-----------|---------------------------|------------|---------|----------------------------|----------------------------|---------------------|-----------------------------|---------------------|-----------------------------|------------------------------------------------------------|---------------------|-----------------------------|---------------------|---------------------|-------------------------------------------------------|--------------------|---------------------|--------------------|--------------------|-----------------------|----------------------|
|         |           |           |                           |            |         | 4" CONDUIT, TYPE B, 707.31 | 8" CONDUIT, TYPE B, 707.31 | 12" CONDUIT, TYPE B | 12" CONDUIT, TYPE B, 707.33 | 15" CONDUIT, TYPE B | 15" CONDUIT, TYPE B, 707.42 | 15" CONDUIT, TYPE B, AS PER PLAN, INCLUDES ROCK EXCAVATION | 18" CONDUIT, TYPE B | 18" CONDUIT, TYPE B, 706.02 | 18" CONDUIT, TYPE C | 24" CONDUIT, TYPE B | 24" CONDUIT, TYPE F, 707.05 TYPE C, 707.21, OR 707.33 | CATCH BASIN, NO. 3 | CATCH BASIN, NO. 3A | CATCH BASIN, NO. 5 | CATCH BASIN, NO. 6 | CATCH BASIN, NO. 2-2B | CATCH BASIN, NO. 2-3 |
|         |           |           | FT                        | FT         |         | FT                         | FT                         | FT                  | FT                          | FT                  | FT                          | FT                                                         | FT                  | FT                          | FT                  | EACH                | EACH                                                  | EACH               | EACH                | EACH               | EACH               |                       |                      |
|         |           |           | US 006 (WIDENING SECTION) |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
| D-100   | P.0388    | US 006    | 1744+50.35                | 1744+80.00 | RT / LT |                            |                            | 67                  |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    | 1                   |                    |                    |                       |                      |
| D-101   | P.0388    | US 006    | 1744+50.35                | 1745+50.17 | LT      |                            |                            |                     | 100                         |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    | 1                  |                       |                      |
| D-102   | P.0388    | US 006    | 1745+50.17                | 1746+99.91 | LT      |                            |                            |                     | 150                         |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    | 1                  |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
| D-103   | P.0389    | US 006    | 1746+99.91                | 1748+98.67 | LT      |                            |                            |                     | 198                         |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    | 1                  |                       |                      |
| D-104   | P.0389    | US 006    | 1748+98.67                | 1752+00.00 | LT      |                            |                            |                     |                             | 304                 |                             |                                                            |                     |                             |                     |                     |                                                       | 1                  |                     |                    |                    |                       |                      |
| D-105   | P.0389    | US 006    | 1748+97.30                | 1748+98.67 | RT / LT |                            |                            | 51                  |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       | 1                  |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
| D-106   | P.0390    | US 006    | 1752+00.00                | 1753+50    | LT      |                            |                            |                     |                             |                     | 150                         |                                                            |                     |                             |                     |                     |                                                       | 1                  |                     |                    |                    |                       |                      |
| D-107   | P.0390    | US 006    | 1752+00.00                |            | RT / LT |                            |                            | 40                  |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       | 1                  |                     |                    |                    |                       |                      |
| D-108   | P.0390    | US 006    | 1752+00.00                |            | RT      |                            |                            | 11                  |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    | 1                  |                       |                      |
| D-108A  | P.0390    | US 006    | 1751+49.20                | 1752+00.00 | RT      |                            |                            | 51                  |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    | 1                   |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
| D-109   | P.0390    | US 006    | 1753+50.00                | 1754+60.00 | LT      |                            |                            |                     |                             |                     | 110                         |                                                            |                     |                             |                     |                     |                                                       | 1                  |                     |                    |                    |                       |                      |
| D-112   | P.0390    | US 006    | 1754+60.00                | 1755+49.68 | LT      |                            |                            | 90                  |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       | 1                  |                     |                    |                    |                       |                      |
| D-113   | P.0390    | US 006    | 1754+60.00                |            | RT / LT |                            |                            |                     |                             |                     |                             |                                                            |                     |                             | 33                  | 1                   |                                                       |                    |                     |                    |                    |                       |                      |
| D-114   | P.0390    | US 006    | 1754+60.00                |            | LT      |                            |                            | 40                  |                             |                     |                             |                                                            |                     |                             |                     | 1                   |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
| D-116   | P.0391    | US 006    | 1756+94.50                | 1757+75.96 | RT      |                            |                            |                     | 81                          |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    | 1                   |                    |                    |                       |                      |
| D-117   | P.0391    | US 006    | 1756+93.87                | 1756+94.50 | RT      |                            |                            |                     | 14                          |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    | 1                  |                       |                      |
| D-118   | P.0391    | US 006    | 1756+93.87                |            | RT      |                            |                            |                     |                             |                     |                             |                                                            | 5                   |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
| D-119   | P.0391    | US 006    | 1757+05.93                |            | LT      |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     | 1                   |                                                       |                    |                     |                    |                    |                       |                      |
| D-121   | P.0391    | US 006    | 1757+05.93                | 1759+00.00 | LT      |                            |                            | 194                 |                             |                     |                             |                                                            |                     |                             |                     |                     | 1                                                     |                    | 1                   |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
| D-123   | P.0392    | US 006    | 1764+87.97                | 1765+00.00 | RT      |                            | 10                         | 28                  | 5                           |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
| D-124   | P.0392    | US 006    | 1765+00.00                | 1766+15.20 | RT      |                            |                            | 117                 |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    | 1                  |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
| D-125   | P.0393    | US 006    | 1766+15.20                | 1767+53.91 | RT      |                            |                            | 139                 |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    | 1                  |                       |                      |
| D-126   | P.0393    | US 006    | 1767+53.91                | 1767+63.03 | LT      | 5                          |                            |                     |                             | 5                   |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    | 1                     |                      |
| D-129   | P.0393    | US 006    | 1767+53.91                | 1769+00.00 | RT      |                            |                            |                     | 146                         |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    | 1                  |                       |                      |
| D-130   | P.0393    | US 006    | 1769+00.00                | 1769+60.00 | RT      |                            |                            |                     | 60                          |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    | 1                  |                       |                      |
| D-131   | P.0393    | US 006    | 1769+60.00                | 1772+10.00 | RT      |                            |                            | 249                 |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    | 1                  |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
| D-132   | P.0394    | US 006    | 1774+00.00                | 1777+00.00 | RT      |                            |                            | 300                 |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    | 1                  |                       |                      |
| D-133   | P.0395    | US 006    | 1777+00.00                | 1780+00.00 | RT      |                            |                            |                     | 300                         |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    | 1                  |                       |                      |
| D-134   | P.0395    | US 006    | 1780+00.00                | 1783+00.00 | RT      |                            |                            |                     |                             |                     |                             |                                                            |                     | 300                         |                     |                     |                                                       | 1                  |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
| D-135   | P.0396    | US 006    | 1783+00.00                | 1784+79.96 | RT      |                            |                            |                     |                             |                     |                             |                                                            |                     | 180                         |                     |                     |                                                       | 1                  |                     |                    |                    |                       |                      |
| D-135A  | P.0396    | US 006    | 1784+79.96                | 1785+75.00 | RT      |                            |                            |                     |                             |                     |                             |                                                            |                     |                             | 95                  |                     |                                                       | 1                  |                     |                    |                    |                       |                      |
| D-141   | P.0396    | US 006    | 1783+99.89                | 1786+97.42 | LT      |                            |                            | 298                 |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     | 1                  |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |
|         |           |           |                           |            |         |                            |                            |                     |                             |                     |                             |                                                            |                     |                             |                     |                     |                                                       |                    |                     |                    |                    |                       |                      |

# DRAINAGE QUANTITIES

DESIGN AGENCY  
**TRANSYSTEMS**  
 400 W. NATIONWIDE BLVD., STE 225  
 COLUMBUS, OHIO 43215

DESIGNER  
**JIW**

REVIEWER  
**GHM 07/30**

PROJECT ID  
**116570**

SHEET TOTAL  
**P.0307 10**



ERI-US 0006-CONNECTIVITY CORRIDOR

MODEL: (3) widening 2 PAPER SIZE: 34x22 (in.) DATE: 7/31/2025 TIME: 10:54:50 AM PLTDRV: OHDOT\_PDF Levels.pltclg PENTBL: OHDOT\_Pen.tbl USER: jwilson@gtfinc.com WORKSPACE: OHDOTCEv02 WORKSET: 116570 PRODUCT: OpenRoadsDesigner 24.00.00.205  
pw:\ohdot\er-us\0006-conn\02\Documents\01 Active Projects\District 03\Era\116570 402-Engineering\_TranSystems\Drainage\Sheets\116570\_DS001.dgn

| REF NO. | SHEET NO. | ALIGNMENT | STATION TO STATION        |            | SIDE    | 601                                                       | 602              | 611                 | 611                         | 611                 | 611                 | 611                 | 611                 | 611                | 611                | 611                  | 611                           | 611                                           | 611            |                           |      |  |
|---------|-----------|-----------|---------------------------|------------|---------|-----------------------------------------------------------|------------------|---------------------|-----------------------------|---------------------|---------------------|---------------------|---------------------|--------------------|--------------------|----------------------|-------------------------------|-----------------------------------------------|----------------|---------------------------|------|--|
|         |           |           |                           |            |         | ROCK CHANNEL PROTECTION, TYPE C<br>WITH GEOTEXTILE FABRIC | CONCRETE MASONRY | 12" CONDUIT, TYPE B | 12" CONDUIT, TYPE B, 707.33 | 12" CONDUIT, TYPE C | 24" CONDUIT, TYPE B | 30" CONDUIT, TYPE B | CATCH BASIN, NO. 3A | CATCH BASIN, NO. 5 | CATCH BASIN, NO. 6 | CATCH BASIN, NO. 2-3 | CATCH BASIN ADJUSTED TO GRADE | CATCH BASIN ADJUSTED TO GRADE, AS<br>PER PLAN | MANHOLE, NO. 3 | MANHOLE ADJUSTED TO GRADE |      |  |
|         |           |           | FROM                      | TO         |         | CY                                                        | CY               | FT                  | FT                          | FT                  | FT                  | FT                  | FT                  | EACH               | EACH               | EACH                 | EACH                          | EACH                                          | EACH           | EACH                      | EACH |  |
|         |           |           | US 006 (WIDENING SECTION) |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
| D-136   | P.0397    | US 006    | 1785+75.00                | 1786+80.00 | RT      |                                                           |                  |                     |                             |                     | 105                 |                     |                     | 1                  |                    |                      |                               |                                               |                |                           |      |  |
| D-136A  | P.0397    | US 006    | 1786+80.00                | 1789+75.00 | RT      |                                                           |                  |                     |                             |                     | 295                 |                     |                     |                    |                    | 1                    |                               |                                               |                |                           |      |  |
| D-142   | P.0397    | US 006    | 1786+97.34                |            | LT      |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      | 1                             |                                               |                |                           |      |  |
| D-137   | P.0397    | US 006    | 1789+75.00                | 1790+75.00 | RT      |                                                           |                  |                     |                             |                     | 100                 |                     |                     | 1                  |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
| D-138   | P.0398    | US 006    | 1790+75.00                | 1793+40.00 | RT      |                                                           |                  |                     |                             |                     | 265                 |                     |                     | 1                  |                    |                      |                               |                                               |                |                           |      |  |
| D-139   | P.0398    | US 006    | 1793+40.00                | 1795+76.84 | RT      | 1.6                                                       | 0.46             |                     |                             |                     | 244                 |                     |                     |                    |                    | 1                    |                               |                                               |                |                           |      |  |
| D-143   | P.0398    | US 006    | 1792+62.44                |            | LT      |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               | 1                                             |                |                           |      |  |
| D-144   | P.0398    | US 006    | 1795+38.05                | 1795+88.91 | LT      |                                                           |                  | 50                  |                             |                     |                     |                     |                     |                    |                    |                      |                               | 1                                             |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
| D-232   | P.0399    | US 006    | 1799+07.16                | 1802+07.69 | LT      |                                                           |                  |                     |                             |                     | 301                 |                     |                     |                    |                    |                      |                               |                                               |                | 1                         |      |  |
| D-235   | P.0399    | US 006    | 1798+28.53                | 1799+07.16 | LT      |                                                           |                  |                     |                             |                     | 75                  |                     |                     |                    |                    |                      |                               |                                               | 1              |                           |      |  |
| D-237   | P.0399    | US 006    | 1798+28.53                |            | LT      |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                | 1                         |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
| D-225   | P.0400    | US 006    | 1804+80.00                |            | RT / LT |                                                           |                  | 52                  |                             |                     |                     |                     | 1                   |                    |                    |                      |                               |                                               |                |                           |      |  |
| D-226   | P.0400    | US 006    | 1804+74.90                | 1804+80.00 | LT      |                                                           |                  | 6                   |                             |                     |                     |                     | 1                   |                    |                    |                      |                               |                                               |                |                           |      |  |
| D-227   | P.0400    | US 006    | 1804+52.74                | 1804+74.90 | LT      |                                                           |                  | 29                  |                             |                     |                     |                     |                     |                    |                    | 1                    |                               |                                               |                |                           |      |  |
| D-228   | P.0400    | US 006    | 1803+19.10                | 1804+19.10 | LT      |                                                           |                  |                     |                             |                     | 101                 |                     |                     |                    |                    |                      |                               |                                               | 1              |                           |      |  |
| D-229   | P.0400    | US 006    | 1804+19.10                | 1804+25.00 | LT      |                                                           |                  | 6                   |                             |                     |                     |                     | 1                   |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
| D-230   | P.0400    | US 006    | 1802+07.69                | 1803+19.10 | LT      |                                                           |                  |                     |                             |                     | 111                 |                     |                     |                    |                    |                      |                               |                                               | 1              |                           |      |  |
| D-231   | P.0400    | US 006    | 1803+19.10                | 1803+24.25 | LT      |                                                           |                  |                     | 6                           |                     |                     |                     | 1                   |                    |                    |                      |                               |                                               |                |                           |      |  |
| D-233   | P.0400    | US 006    | 1802+10.62                | 1802+37.13 | RT / LT |                                                           |                  | 53                  |                             |                     |                     |                     | 1                   |                    |                    |                      |                               |                                               |                |                           |      |  |
| D-233A  | P.0400    | US 006    | 1802+37.13                | 1802+43.02 | RT      |                                                           |                  |                     | 12                          |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
| D-234   | P.0400    | US 006    | 1802+07.69                | 1802+10.62 | LT      |                                                           |                  |                     | 6                           |                     |                     |                     | 1                   |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
| D-238   | P.0402    | US 006    | 1812+09.65                |            | LT      |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                | 1                         |      |  |
| D-239   | P.0402    | US 006    | 1812+04.78                |            | RT      |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                | 1                         |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |
|         |           |           |                           |            |         |                                                           |                  |                     |                             |                     |                     |                     |                     |                    |                    |                      |                               |                                               |                |                           |      |  |

DON'T ROUND  
CONCRETE MASONRY



DRAINAGE QUANTITIES

DESIGN AGENCY

TRANSYSTEMS  
400 W. WATSONWIDE BLVD., STE 225  
COLUMBUS, OHIO 43215

DESIGNER

JIW

REVIEWER

GHM 07/30/25

PROJECT ID

116570

SHEET

P.0308

TOTAL

1088



**ERI-US 0006-CONNECTIVITY CORRIDOR**

MODEL: (tab 1) PAPER SIZE: 34x22 (in.) DATE: 7/31/2025 TIME: 10:54:51 AM PLT DRV: OHDOT\_PDF\_Levels.plt USER: jlwilson@gflinc.com WORKSPACE: OHDOTCEv02 WORKSET: 116570 PRODUCT: OpenRoads Designer 24.00.00.2005  
 pw:\ohdot-pw.bentley.com:ohdot-pw-02\Documents\01 Active Projects\District 03\Erie\116570\402-Engineering\_Train\Systems\Drainage\Sheets\116570\_DS001.dgn

| REF NO. | SHEET NO. | ALIGNMENT | STATION TO STATION |  | SIDE | 601 | 601 | 602 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 | 611 |  |
|---------|-----------|-----------|--------------------|--|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
|---------|-----------|-----------|--------------------|--|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|

## DRAINAGE QUANTITIES

DESIGN AGENCY

**TRANSYSTEMS**  
400 W. NATIONWIDE BLVD., STE 225  
COLUMBUS, OHIO 43215

DESIGNER  
JIW

REVIEWER  
GHM 07/30

|            |        |
|------------|--------|
| PROJECT ID | 116570 |
|------------|--------|

|        |       |
|--------|-------|
| SHEET  | TOTAL |
| P.0309 | 10    |



**ERI-US 0006-CONNECTIVITY CORRIDOR**

MODEL: (5) rab 2 PAPER SIZE: 34x22 (in.) DATE: 7/31/2025 TIME: 10:54:51 AM PLTDRY: OHDOT\_PDF\_Levels.plt PENTBL: OHDOT\_Pen.tbl USER: jlwilson@gflinc.com WORKSPACE: OHDOTCEv02 WORKSET: 116570 PRODUCT: OpenRoads Designer 24.00.00.2005  
 pw:\ohdot-pw.bentley.com:ohdot-pw-02\Documents\01 Active Projects\District 03\Erie\116570\402-Engineering\_Train\Systems\Drainage\Sheets\116570\_DS001.dgn

| REF NO. | SHEET NO. | ALIGNMENT | STATION TO STATION |           | SIDE    | 601                             | 601                                                    | 602              | 611                 | 611                 | 611                 | 611                                                   | 611                | 611                 |                    |  |  |  |  |  |  |
|---------|-----------|-----------|--------------------|-----------|---------|---------------------------------|--------------------------------------------------------|------------------|---------------------|---------------------|---------------------|-------------------------------------------------------|--------------------|---------------------|--------------------|--|--|--|--|--|--|
|         |           |           |                    |           |         | TIED CONCRETE BLOCK MAT, TYPE 2 | ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC | CONCRETE MASONRY | 12" CONDUIT, TYPE B | 15" CONDUIT, TYPE B | 15" CONDUIT, TYPE C | 15" CONDUIT, TYPE E, 707.05 TYPE C, 707.21, OR 707.33 | CATCH BASIN, NO. 3 | CATCH BASIN, NO. 3A | CATCH BASIN, NO. 6 |  |  |  |  |  |  |
|         |           |           | FROM               | TO        |         | SY                              | CY                                                     | CY               | FT                  | FT                  | FT                  | FT                                                    | EACH               | EACH                | EACH               |  |  |  |  |  |  |
|         |           |           | RAB E              |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
| D-200   | P.0416    | RYE BEACH | 156+96.76          | 158+81.22 | LT      |                                 |                                                        | 0.2              | 172                 |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
| D-202   | P.0416    | RYE BEACH | 155+00.26          | 156+99.89 | RT      |                                 |                                                        |                  | 201                 |                     |                     |                                                       |                    | 1                   |                    |  |  |  |  |  |  |
| D-203   | P.0416    | RYE BEACH | 156+99.89          |           | RT      |                                 | 1                                                      | 0.27             |                     | 40                  |                     | 24                                                    |                    | 1                   |                    |  |  |  |  |  |  |
| D-204   | P.0416    | RYE BEACH | 156+76.10          | 156+80.62 | RT      |                                 |                                                        |                  | 25                  |                     |                     |                                                       |                    | 1                   |                    |  |  |  |  |  |  |
| D-205   | P.0416    | RYE BEACH | 156+99.89          | 158+86.28 | RT      |                                 |                                                        |                  | 198                 |                     |                     |                                                       | 1                  |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
| D-500   | P.0415    | RYE BEACH | 150+41.94          | 150+57.56 | RT / LT |                                 |                                                        |                  | 45                  |                     |                     |                                                       |                    | 1                   |                    |  |  |  |  |  |  |
| D-501   | P.0415    | RYE BEACH | 150+57.56          | 150+58.50 | LT      |                                 |                                                        | 0.27             |                     | 29                  |                     |                                                       | 1                  |                     |                    |  |  |  |  |  |  |
| D-502   | P.0415    | RYE BEACH | 151+50.80          | 151+56.85 | LT      |                                 |                                                        | 0.27             |                     | 18                  |                     |                                                       |                    | 1                   |                    |  |  |  |  |  |  |
| D-503   | P.0415    | RYE BEACH | 151+28.55          | 151+63.04 | RT      |                                 |                                                        |                  | 36                  |                     |                     |                                                       |                    | 1                   |                    |  |  |  |  |  |  |
| D-504   | P.0415    | RYE BEACH | 151+56.85          | 151+63.04 | RT / LT |                                 |                                                        |                  | 81                  |                     |                     |                                                       | 1                  |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
| D-505   | P.0422    | RAMP B    | 811+91.15          | 811+92.40 | LT      |                                 |                                                        | 0.27             |                     | 12                  |                     |                                                       |                    | 1                   |                    |  |  |  |  |  |  |
| D-506   | P.0415    | RYE BEACH | 153+13.08          | 153+20.82 | RT      |                                 |                                                        |                  |                     | 36                  |                     |                                                       | 1                  |                     |                    |  |  |  |  |  |  |
| D-507   | P.0415    | RYE BEACH | 153+13.08          |           | RT      |                                 |                                                        | 0.27             |                     | 46                  |                     | 27                                                    |                    |                     | 1                  |  |  |  |  |  |  |
| D-508   | P.0415    | RYE BEACH | 149+99.00          |           | RT      | 32                              |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
| D-509   | P.0422    | RAMP B    | 811+91.75          |           | RT      | 10                              |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
| D-511   | P.0421    | RAMP A    | 866+84.00          |           | RT      | 13                              |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
| D-512   | P.0421    | RAMP A    | 866+84.00          |           | LT      | 32                              |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
| D-513   | P.0416    | RYE BEACH | 154+22.00          |           | LT      | 12                              |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |
|         |           |           |                    |           |         |                                 |                                                        |                  |                     |                     |                     |                                                       |                    |                     |                    |  |  |  |  |  |  |

# DRAINAGE QUANTITIES

DESIGN AGENCY

**TRANSYSTEMS**  
400 W. NATIONWIDE BLVD., STE 225  
COLUMBUS, OHIO 43215

DESIGNER  
JIW

REVIEWER  
GHM 07/30

PROJECT ID  
116570

|        |       |
|--------|-------|
| SHEET  | TOTAL |
| P.0310 | 10    |



**ERI-US 0006-CONNECTIVITY CORRIDOR**

MODEL: Sheet 7 PAPER SIZE: 34x22 (in.) DATE: 7/31/2025 TIME: 10:54:57 AM PLTDRW: OHDOT\_PDF\_Levels.pltgr WORKSPACE: OHDOTCEv02 WORKSET: 116570 PRODUCT: OpenRoads Designer 24.00.00.2005  
pww\ohiodot-pw.bentley.com\ohiodot-pw\02\Documents\01 Active Projects\District 03\Enr\116570\402-Engineering\_TransSystems\Drainage\Sheets\116570\_DS002.dgn

[illegible]

## UNDERDRAIN SUBSUMMARY

DESIGN AGENCY

**TRANSYSTEMS**  
400 W. NATIONWIDE BLVD., STE 225  
COLUMBUS, OHIO 43215

DESIGNER

MHT

REVIEWER

GHM 07/30/25

PROJECT ID  
116570

|        |       |
|--------|-------|
| SHEET  | TOTAL |
| P.0320 | 10    |



| SHEET NO.                               | REF NO. | STATION                                             |                  | CHAIN     | SIDE  | OUTLET ELEVATION |    | 605                                 | 611           |  |  |      | FOR INFORMATION ONLY |             |               |      |      |   |  |
|-----------------------------------------|---------|-----------------------------------------------------|------------------|-----------|-------|------------------|----|-------------------------------------|---------------|--|--|------|----------------------|-------------|---------------|------|------|---|--|
|                                         |         |                                                     |                  |           |       |                  |    | BENDS AND BRANCHES                  |               |  |  |      |                      |             |               |      |      |   |  |
|                                         |         |                                                     |                  |           |       |                  |    | * DENOTES TO CONNECT TO EXISTING UD |               |  |  |      |                      |             |               |      |      |   |  |
|                                         |         | <div><div>Y-Bend- 4" WVE</div><div>EACH</div></div> | 4" X 11.25* BEND |           |       |                  |    | 4" X 22.50* BEND                    | 4" X 45* BEND |  |  |      | 4" X 90* BEND        | 4" X 4" TEE | 4" X 4" CROSS |      |      |   |  |
|                                         |         | FROM                                                | TO               |           |       |                  | FT | FT                                  |               |  |  | EACH | EACH                 | EACH        | EACH          | EACH | EACH |   |  |
| P.0388                                  | UD-1    | 1744+80.00                                          | 1745+50.00       | CLP_US006 | LT    | 608.96           |    | 63                                  | 10            |  |  |      |                      |             |               | 1    |      |   |  |
| P.0388                                  | UD-2    | 1744+80.00                                          | 1748+77.00       | CLP_US006 | RT    | 603.34           |    | 408                                 | 10            |  |  |      |                      |             | 1             |      |      |   |  |
| P.0388                                  | UD-2A   | 1744+80.00                                          | 1748+97.00       | CLP_US006 | RT    | 603.40           |    | 396                                 | 12            |  |  |      |                      |             |               | 1    | 1    |   |  |
| P.0388                                  | UD-160  | 1744+80.00                                          | 1748+68.00       | CLP_US006 | RT    | 604.57           |    | 389                                 |               |  |  |      | 1                    | 1           |               |      |      |   |  |
| P.0389                                  | UD-3    | 1745+55.00                                          | 1746+99.00       | CLP_US006 | LT    | 607.31           |    | 140                                 | 10            |  |  |      |                      | 1           |               | 1    |      |   |  |
| P.0389                                  | UD-4    | 1747+05.00                                          | 1748+95.00       | CLP_US006 | LT    | 603.37           |    | 182                                 | 10            |  |  |      |                      |             | 1             |      |      |   |  |
| P.0389                                  | UD-5    | 1749+02.00                                          | 1751+99.00       | CLP_US006 | LT    | 595.88           |    | 289                                 | 10            |  |  |      |                      | 1           |               |      |      |   |  |
| P.0389                                  | UD-6    | 1749+02.00                                          | 1751+99.00       | CLP_US006 | RT    | 595.87           |    | 287                                 | 10            |  |  |      |                      | 2           |               | 1    |      |   |  |
| P.0390                                  | UD-7    | 1752+05.00                                          | 1753+50.00       | CLP_US006 | LT    | 593.51           |    | 135                                 | 10            |  |  |      |                      |             | 1             |      |      |   |  |
| P.0390                                  | UD-8    | 1752+05.00                                          | 1754+57.00       | CLP_US006 | RT    | 592.66           |    | 244                                 | 10            |  |  |      |                      |             |               | 1    |      |   |  |
| P.0390                                  | UD-10   | 1754+26.00                                          | 1754+58.00       | CLP_US006 | LT    | 592.65           |    | 94                                  | 10            |  |  |      |                      |             |               | 1    |      |   |  |
| P.0390                                  | UD-11   | 1755+45.00                                          | 1754+63.00       | CLP_US006 | LT    | 592.65           |    | 74                                  | 10            |  |  |      |                      |             |               | 1    |      |   |  |
| P.0390                                  | UD-12   | 1756+89.00                                          | 1754+63.00       | CLP_US006 | RT    | 592.65           |    | 218                                 | 10            |  |  |      |                      |             | 2             | 1    |      |   |  |
| P.0391                                  | UD-13   | 1756+95.00                                          | 1755+51.00       | CLP_US006 | LT    | 593.15           |    | 135                                 | 10            |  |  |      |                      |             |               | 1    |      |   |  |
| P.0391                                  | UD-14   | 1757+70.00                                          | 1756+95.00       | CLP_US006 | RT    | 593.65           |    | 69                                  | 10            |  |  |      |                      |             |               | 1    |      |   |  |
| P.0391                                  | UD-15   | 1758+95.00                                          | 1757+03.00       | CLP_US006 | LT    | 593.88           |    | 178                                 | 10            |  |  |      |                      |             |               | 1    |      |   |  |
| P.0391                                  | UD-16   | 1762+40.00                                          | 1757+77.00       | CLP_US006 | RT    | 594.31           |    | 721                                 | 10            |  |  |      |                      |             |               |      | 1    |   |  |
| P.0391                                  | UD-17   | 1764+95.00                                          | 1759+04.00       | CLP_US006 | LT    | 595.51           |    | 579                                 | 10            |  |  |      | 1                    |             |               |      |      |   |  |
| P.0391                                  | UD-161  | 1767+53.00                                          | 1759+04.00       | CLP_US006 | LT    | 595.86           |    | 834                                 | 10            |  |  |      |                      |             | 1             |      | 1    |   |  |
| P.0392                                  | UD-18   | 1764+95.00                                          | 1759+67.00       | CLP_US006 | RT    | 595.96           |    | 530                                 | 16            |  |  |      |                      |             |               |      | 1    |   |  |
| P.0392                                  | UD-19   | 1767+49.00                                          | 1765+00.00       | CLP_US006 | LT/RT | 596.95           |    | 248                                 | 47            |  |  |      |                      |             |               |      | 1    | 1 |  |
| P.0392                                  | UD-20   | 1766+10.00                                          | 1765+00.00       | CLP_US006 | RT    | 596.41           |    | 112                                 | 8             |  |  |      |                      |             |               |      |      |   |  |
| P.0393                                  | UD-21   | 1767+49.00                                          | 1766+16.00       | CLP_US006 | RT    | 597.21           |    | 127                                 | 10            |  |  |      |                      |             |               |      | 1    |   |  |
| P.0393                                  | UD-162  | 1773+34.00                                          | 1767+64.00       | CLP_US006 | LT    | 597.68           |    | 571                                 | 28            |  |  |      |                      |             | 2             |      | 1    |   |  |
| P.0393                                  | UD-22   | 1773+34.00                                          | 1767+64.00       | CLP_US006 | LT/RT | 597.69           |    | 570                                 | 46            |  |  |      |                      |             |               |      |      | 1 |  |
| P.0393                                  | UD-23   | 1768+95.00                                          | 1767+55.00       | CLP_US006 | RT    | 597.10           |    | 131                                 | 13            |  |  |      | 1                    |             |               |      |      |   |  |
| P.0393                                  | UD-24   | 1773+34.00                                          | 1769+01.00       | CLP_US006 | RT    | 598.00           |    | 434                                 | 10            |  |  |      |                      |             |               |      | 1    |   |  |
|                                         |         |                                                     |                  |           |       |                  |    |                                     |               |  |  |      |                      |             |               |      |      |   |  |
|                                         |         |                                                     |                  |           |       |                  |    |                                     |               |  |  |      |                      |             |               |      |      |   |  |
|                                         |         |                                                     |                  |           |       |                  |    |                                     |               |  |  |      |                      |             |               |      |      |   |  |
|                                         |         |                                                     |                  |           |       |                  |    |                                     |               |  |  |      |                      |             |               |      |      |   |  |
|                                         |         |                                                     |                  |           |       |                  |    |                                     |               |  |  |      |                      |             |               |      |      |   |  |
|                                         |         |                                                     |                  |           |       |                  |    |                                     |               |  |  |      | 3                    | 4           | 7             | 10   | 10   | 3 |  |
| TOTALS CARRIED TO UNDERDRAIN SUBSUMMARY |         |                                                     |                  |           |       |                  |    | 8158                                | 360           |  |  |      |                      |             |               |      |      |   |  |



**ERI-US 0006-CONNECTIVITY CORRIDOR**

MODEL: Sheet 2 PAPER SIZE: 34x22 (in.) DATE: 7/31/2025 TIME: 10:54:58 AM PLTDRV: CHDOT\_PDF\_Levels.plt PENTBL: CHDOT\_Pen.tbl USER: jwilson@gtfinc.com WORKSPACE: CHDOTCE02 WORKSET: 116570 PRODUCT: OpenRoads Designer 24.00.00.2005  
 pw:\lohiodor-pw.bentley.com\ohiodor-pw-02\Documents\01 Active Projects\District 03\Era116570\402-Engineering\_TransSystems\Drainage\Sheets\116570\_DS002.dgn

| SHEET NO.                                                                                | REF NO. | STATION          |                  | CHAIN     | SIDE  | OUTLET ELEVATION |      | 605  | 611  |      |      |      | FOR INFORMATION ONLY                |               |               |             |               |   |
|------------------------------------------------------------------------------------------|---------|------------------|------------------|-----------|-------|------------------|------|------|------|------|------|------|-------------------------------------|---------------|---------------|-------------|---------------|---|
|                                                                                          |         |                  |                  |           |       |                  |      |      |      |      |      |      | BENDS AND BRANCHES                  |               |               |             |               |   |
|                                                                                          |         |                  |                  |           |       |                  |      |      |      |      |      |      | * DENOTES TO CONNECT TO EXISTING UD |               |               |             |               |   |
|                                                                                          |         | Y Bend<br>4" WYE | 4" X 11.25" BEND |           |       |                  |      |      |      |      |      |      | 4" X 22.50" BEND                    | 4" X 45" BEND | 4" X 90" BEND | 4" X 4" TEE | 4" X 4" CROSS |   |
| FROM                                                                                     | TO      |                  | FT               | FT        |       |                  | EACH | EACH | EACH | EACH | EACH | EACH | EACH                                |               |               |             |               |   |
| P.0394                                                                                   | UD-163  | 1773+34.00       | 1767+64.00       | CLP_US006 | LT    | 598.07           |      | 357  | 10   |      |      |      |                                     | 1             |               |             |               |   |
| P.0394                                                                                   | UD-25   | 1773+44.00       | 1777+00.00       | CLP_US006 | LT/RT | 597.92           |      | 357  | 47   |      |      |      |                                     |               | 1             |             |               |   |
| P.0394                                                                                   | UD-26   | 1773+44.00       | 1777+00.00       | CLP_US006 | RT    | 597.37           |      | 357  | 10   |      |      |      |                                     |               | 1             |             |               |   |
| P.0395                                                                                   | UD-164  | 1777+05.00       | 1784+00.00       | CLP_US006 | LT    | 597.12           |      | 687  | 18   |      |      |      |                                     |               |               |             |               |   |
| P.0395                                                                                   | UD-27   | 1777+05.00       | 1784+00.00       | CLP_US006 | LT    | 596.88           |      | 693  | 10   |      |      | 2    |                                     |               | 1             |             |               |   |
| P.0395                                                                                   | UD-28   | 1777+05.00       | 1779+98.00       | CLP_US006 | RT    | 597.43           |      | 295  | 10   |      |      |      |                                     |               | 1             |             |               |   |
| P.0395                                                                                   | UD-29   | 1780+05.00       | 1782+99.00       | CLP_US006 | RT    | 596.98           |      | 295  | 10   |      |      |      |                                     |               | 1             |             |               |   |
| P.0396                                                                                   | UD-30   | 1783+05.00       | 1785+73.00       | CLP_US006 | RT    | 596.75           |      | 270  | 10   |      |      |      |                                     |               | 1             |             |               |   |
| P.0396                                                                                   | UD-31   | 1784+05.00       | 1786+98.00       | CLP_US006 | LT    | 596.45           |      | 290  | 10   |      |      |      |                                     |               | 1             |             |               |   |
| P.0396                                                                                   | UD-165  | 1784+10.00       | 1786+98.00       | CLP_US006 | LT    | 596.66           |      | 283  | 10   |      |      |      |                                     |               | 1             |             |               |   |
| P.0397                                                                                   | UD-32   | 1785+80.00       | 1789+73.00       | CLP_US006 | RT    | 594.57           |      | 395  | 10   |      |      |      |                                     |               | 1             |             |               |   |
| P.0397                                                                                   | UD-166  | 1787+03.00       | 1795+38.00       | CLP_US006 | LT    | 584.71           |      | 842  | 10   |      |      | 1    |                                     |               | 3             |             |               |   |
| P.0397                                                                                   | UD-33   | 1787+03.00       | 1792+63.00       | CLP_US006 | LT    | 584.58           |      | 560  | 10   |      |      |      |                                     |               | 1             |             |               |   |
| P.0397                                                                                   | UD-33A  | 1789+75.00       | 1791+18.00       | CLP_US006 | LT    | 593.26           |      | 144  | 6    |      |      |      |                                     | 1             | 1             |             |               |   |
| P.0397                                                                                   | UD-34   | 1789+80.00       | 1793+39.00       | CLP_US006 | RT    | 590.03           |      | 360  | 10   |      |      |      |                                     |               | 1             |             |               |   |
| P.0398                                                                                   | UD-35   | 1792+68.00       | 1795+38.00       | CLP_US006 | LT    | 585.66           |      | 227  | 48   |      |      |      |                                     |               | 1             | 1           |               |   |
| P.0398                                                                                   | UD-36   | 1793+45.00       | 1794+97.00       | CLP_US006 | RT    | 586.50           |      | 155  |      |      |      |      |                                     |               |               | 1           |               |   |
| P.0398                                                                                   | UD-36A  | 1794+32.00       | 1794+97.00       | CLP_US006 | LT    | 585.81           |      | 64   |      |      |      |      |                                     |               |               | 1           |               |   |
| P.0398                                                                                   | UD-36B  | 1794+32.00       | 1794+97.00       | CLP_US006 | RT    | 586.40           |      | 67   |      |      |      |      |                                     |               |               | 1           |               |   |
| P.0398                                                                                   | UD-37   | 1795+56.00       | 1794+97.00       | CLP_US006 | LT    | 585.66           |      | 58   |      |      |      | 1    |                                     |               |               |             |               |   |
| P.0398                                                                                   | UD-38   | 1795+54.00       | 1794+97.00       | CLP_US006 | LT    | 585.81           |      | 57   |      |      |      |      |                                     |               |               |             |               |   |
| P.0398                                                                                   | UD-39   | 1795+50.00       | 1794+97.00       | CLP_US006 | RT    | 586.40           |      | 54   |      |      |      |      |                                     |               |               |             |               |   |
| P.0398                                                                                   | UD-40   | 1795+48.00       | 1794+97.00       | CLP_US006 | RT    | 586.50           |      | 53   |      |      |      |      |                                     |               |               |             |               |   |
| P.0399                                                                                   | UD-41   | 1796+47.00       | 1799+76.00       | CLP_US006 | RT/LT | 582.89           |      | 335  | 44   |      |      |      |                                     |               |               | 1           |               |   |
| P.0399                                                                                   | UD-42   | 1796+50.00       | 1799+76.00       | CLP_US006 | RT    | 583.16           |      | 330  |      |      |      |      |                                     |               |               | 1           |               |   |
| P.0399                                                                                   | UD-43   | 1796+57.00       | 1798+10.00       | CLP_US006 | LT    | 582.64           |      | 149  | 10   |      |      |      |                                     | 1             | 1             |             |               |   |
| P.0399                                                                                   | UD-44   | 1796+60.00       | 1798+29.00       | CLP_US006 | LT    | 582.53           |      | 157  | 10   |      |      |      | 1                                   | 1             |               |             |               |   |
| P.0399                                                                                   | UD-167  | 1796+60.00       | 1798+29.00       | CLP_US006 | LT    | 582.69           |      | 154  | 10   |      |      |      |                                     | 1             |               |             |               |   |
| TOTALS CARRIED TO UNDERDRAIN SUBSUMMARY                                                  |         |                  |                  |           |       |                  |      | 8045 | 313  |      |      |      | 3                                   | 4             | 3             | 19          | 7             | 3 |
| DESIGN AGENCY<br>TRANSYSTEMS<br>400 W. NANTONWEE BLVD., STE. 225<br>COLUMBUS, OHIO 43210 |         |                  |                  |           |       |                  |      |      |      |      |      |      |                                     |               |               |             |               |   |
| DESIGNER<br>MHT                                                                          |         |                  |                  |           |       |                  |      |      |      |      |      |      |                                     |               |               |             |               |   |
| REVIEWER<br>GHM 07/30/25                                                                 |         |                  |                  |           |       |                  |      |      |      |      |      |      |                                     |               |               |             |               |   |
| PROJECT ID<br>116570                                                                     |         |                  |                  |           |       |                  |      |      |      |      |      |      |                                     |               |               |             |               |   |
| SHEET TOTAL<br>P.0322 1088                                                               |         |                  |                  |           |       |                  |      |      |      |      |      |      |                                     |               |               |             |               |   |



| SHEET NO. | REF NO. | STATION                                  |                  | CHAIN     | SIDE | OUTLET ELEVATION |     | 605                                 | 611           |  |  |   | FOR INFORMATION ONLY |             |               |   |  |  |  |
|-----------|---------|------------------------------------------|------------------|-----------|------|------------------|-----|-------------------------------------|---------------|--|--|---|----------------------|-------------|---------------|---|--|--|--|
|           |         |                                          |                  |           |      |                  |     | BENDS AND BRANCHES                  |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     | * DENOTES TO CONNECT TO EXISTING UD |               |  |  |   |                      |             |               |   |  |  |  |
|           |         | <div><div>4" Bend 4" WVE</div>EACH</div> | 4" X 11.25* BEND |           |      |                  |     | 4" X 22.50* BEND                    | 4" X 45* BEND |  |  |   | 4" X 90* BEND        | 4" X 4" TEE | 4" X 4" CROSS |   |  |  |  |
|           |         | FROM                                     | TO               |           |      |                  | FT  | FT                                  |               |  |  |   |                      |             |               |   |  |  |  |
| P.0399    | UD-45   | 1798+27.00                               | 1799+07.00       | CLP_US006 | LT   | 582.94           | 147 |                                     |               |  |  |   |                      |             |               | 1 |  |  |  |
| P.0399    | UD-45A  | 1798+32.00                               | 1799+76.00       | CLP_US006 | LT   | 582.79           | 73  |                                     |               |  |  |   |                      |             | 1             |   |  |  |  |
| P.0399    | UD-168  | 1798+33.00                               | 1799+07.00       | CLP_US006 | LT   | 583.00           | 60  | 10                                  |               |  |  |   | 1                    |             |               |   |  |  |  |
| P.0399    | UD-46   | 1802+07.00                               | 1799+07.00       | CLP_US006 | LT   | 582.70           | 293 | 10                                  |               |  |  |   | 1                    |             | 1             |   |  |  |  |
| P.0399    | UD-46A  | 1800+07.00                               | 1799+76.00       | CLP_US006 | LT   | 582.94           | 228 |                                     |               |  |  |   |                      |             |               |   |  |  |  |
| P.0399    | UD-47   | 1802+32.00                               | 1799+76.00       | CLP_US006 | RT   | 583.23           | 256 |                                     |               |  |  |   |                      |             |               |   |  |  |  |
| P.0400    | UD-48   | 1803+14.00                               | 1802+13.00       | CLP_US006 | LT   | 586.45           | 92  | 10                                  |               |  |  |   |                      | 1           |               |   |  |  |  |
| P.0400    | UD-49   | 1806+61.00                               | 1802+18.00       | CLP_US006 | LT   | 586.54           | 438 | 9                                   |               |  |  |   |                      |             | 1             | 1 |  |  |  |
| P.0400    | UD-50   | 1804+75.00                               | 1802+39.00       | CLP_US006 | RT   | 586.82           | 228 | 10                                  |               |  |  |   |                      | 1           |               |   |  |  |  |
| P.0400    | UD-51   | 1804+15.00                               | 1803+26.00       | CLP_US006 | LT   | 588.38           | 81  | 10                                  |               |  |  |   |                      | 1           |               |   |  |  |  |
| P.0400    | UD-169  | 1804+15.00                               | 1803+28.00       | CLP_US006 | LT   | 588.40           | 88  | 1                                   |               |  |  | 1 | 1                    |             | 1             |   |  |  |  |
| P.0400    | UD-52   | 1804+70.00                               | 1804+26.00       | CLP_US006 | LT   | 589.35           | 35  | 10                                  |               |  |  |   |                      | 1           |               |   |  |  |  |
| P.0400    | UD-170  | 1804+70.00                               | 1804+29.00       | CLP_US006 | LT   | 589.37           | 42  | 4                                   |               |  |  | 1 |                      |             | 1             |   |  |  |  |
| P.0400    | UD-53   | 1805+65.00                               | 1804+81.00       | CLP_US006 | LT   | 589.64           | 75  | 10                                  |               |  |  |   |                      | 1           |               |   |  |  |  |
| P.0400    | UD-171  | 1805+65.00                               | 1804+84.00       | CLP_US006 | LT   | 589.99           | 82  | 4                                   |               |  |  | 1 |                      |             | 1             |   |  |  |  |
| P.0400    | UD-54   | 1806+61.00                               | 1804+81.00       | CLP_US006 | RT   | 589.83           | 175 | 10                                  |               |  |  |   |                      | 1           |               |   |  |  |  |
| P.0400    | UD-55   | 1806+61.00                               | 1805+14.00       | CLP_US006 | RT   | 589.91           | 148 | 3                                   |               |  |  | 1 |                      |             | 1             |   |  |  |  |
| P.0401    | UD-60   | 1806+60.00                               | 1805+75.00       | CLP_US006 | LT   | 589.40           | 71  | 10                                  |               |  |  |   |                      | 1           |               |   |  |  |  |
| P.0401    | UD-172  | 1806+60.00                               | 1805+75.00       | CLP_US006 | LT   | 590.38           | 70  | 10                                  |               |  |  |   |                      | 1           |               |   |  |  |  |
| P.0401    | UD-61   | 1806+71.00                               | 1807+76.00       | CLP_US006 | LT   | 589.53           | 96  | 10                                  |               |  |  |   |                      | 1           |               |   |  |  |  |
| P.0401    | UD-173  | 1806+71.00                               | 1807+74.00       | CLP_US006 | LT   | 589.51           | 102 | 4                                   |               |  |  | 1 |                      |             | 1             |   |  |  |  |
| P.0401    | UD-62   | 1806+71.00                               | 1807+79.00       | CLP_US006 | LT   | 589.49           | 113 | 14                                  |               |  |  |   |                      |             |               | 1 |  |  |  |
| P.0401    | UD-63   | 1806+71.00                               | 1807+64.00       | CLP_US006 | RT   | 589.75           | 106 | 17                                  |               |  |  |   |                      |             |               | 1 |  |  |  |
| P.0401    | UD-64   | 1806+71.00                               | 1807+64.00       | CLP_US006 | RT   | 589.51           | 84  | 10                                  |               |  |  |   |                      | 1           |               |   |  |  |  |
| P.0401    | UD-65   | 1807+82.00                               | 1807+64.00       | CLP_US006 | RT   | 590.05           | 11  |                                     |               |  |  |   |                      |             |               |   |  |  |  |
| P.0401    | UD-66   | 1807+82.00                               | 1807+64.00       | CLP_US006 | RT   | 589.51           | 12  | 10                                  |               |  |  |   |                      | 1           |               |   |  |  |  |
| P.0401    | UD-67   | 1808+05.00                               | 1807+79.00       | CLP_US006 | LT   | 589.51           | 24  | 10                                  |               |  |  | 1 |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |
|           |         |                                          |                  |           |      |                  |     |                                     |               |  |  |   |                      |             |               |   |  |  |  |

UNDERDRAIN QUANTITIES

DESIGN AGENCY  
**TRANSYSTEMS**  
400 W. WATSONWIDE BLVD., STE. 225  
COLUMBUS, OHIO 43215

DESIGNER  
**MHT**

REVIEWER  
**GHM 07/30/25**

PROJECT ID  
**116570**

SHEET  
**P.0323**

TOTAL  
**1088**



| SHEET NO.                               | REF NO. | STATION    |            | CHAIN         | SIDE  | OUTLET ELEVATION |  | 605  | 611 |  |  |  | FOR INFORMATION ONLY                                          |                                                       |                                                       |                                                    |                                                    |                                                  |                                                    |
|-----------------------------------------|---------|------------|------------|---------------|-------|------------------|--|------|-----|--|--|--|---------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------|----------------------------------------------------|--------------------------------------------------|----------------------------------------------------|
|                                         |         |            |            |               |       |                  |  |      |     |  |  |  | BENDS AND BRANCHES                                            |                                                       |                                                       |                                                    |                                                    |                                                  |                                                    |
|                                         |         |            |            |               |       |                  |  |      |     |  |  |  | * DENOTES TO CONNECT TO EXISTING UD                           |                                                       |                                                       |                                                    |                                                    |                                                  |                                                    |
|                                         |         | FROM       | TO         |               |       |                  |  |      |     |  |  |  | <div><div>4" WYE</div><div>4" Bend</div><div>EACH</div></div> | <div><div>4" X 11.25" BEND</div><div>EACH</div></div> | <div><div>4" X 22.50" BEND</div><div>EACH</div></div> | <div><div>4" X 45" BEND</div><div>EACH</div></div> | <div><div>4" X 90" BEND</div><div>EACH</div></div> | <div><div>4" X 4" TEE</div><div>EACH</div></div> | <div><div>4" X 4" CROSS</div><div>EACH</div></div> |
| P.0401                                  | UD-174  | 1808+04.00 | 1807+82.00 | CLP_US006     | LT    | 589.51           |  | 31   | 4   |  |  |  |                                                               |                                                       |                                                       |                                                    | 1                                                  |                                                  |                                                    |
| P.0401                                  | UD-68   | 1808+15.00 | 1807+76.00 | CLP_US006     | LT    | 589.83           |  | 17   |     |  |  |  |                                                               |                                                       |                                                       |                                                    |                                                    |                                                  |                                                    |
| P.0401                                  | UD-69   | 1809+48.00 | 1810+99.00 | CLP_US006     | RT    | 588.01           |  | 167  | 10  |  |  |  |                                                               |                                                       | 1                                                     |                                                    |                                                    |                                                  |                                                    |
| P.0401                                  | UD-175  | 1809+61.00 | 1809+98.00 | CLP_US006     | LT    | 588.39           |  | 47   | 4   |  |  |  |                                                               |                                                       |                                                       |                                                    | 1                                                  | 1                                                |                                                    |
| P.0401                                  | UD-176  | 1809+51.00 | 1809+87.00 | CLP_US006     | RT    | 588.67           |  | 80   | 4   |  |  |  |                                                               |                                                       |                                                       |                                                    | 1                                                  | 1                                                |                                                    |
| P.0401                                  | UD-70   | 1809+56.00 | 1810+23.00 | CLP_US006     | LT    | 588.54           |  | 66   | 10  |  |  |  |                                                               |                                                       |                                                       | 1                                                  |                                                    |                                                  |                                                    |
| P.0401                                  | UD-71   | 1809+60.00 | 1811+98.00 | CLP_US006     | LT    | 587.57           |  | 227  | 18  |  |  |  |                                                               |                                                       |                                                       |                                                    | 1                                                  | 1                                                |                                                    |
| P.0401                                  | UD-72   | 1809+62.00 | 1810+95.00 | CLP_US006     | RT    | 588.11           |  | 64   | 10  |  |  |  |                                                               |                                                       |                                                       |                                                    | 1                                                  | 1                                                |                                                    |
| P.0402                                  | UD-73   | 1810+30.00 | 1811+25.00 | CLP_US006     | LT    | 587.98           |  | 90   | 10  |  |  |  |                                                               |                                                       | 1                                                     |                                                    |                                                    |                                                  |                                                    |
| P.0402                                  | UD-74   | 1811+05.00 | 1812+02.00 | CLP_US006     | RT    | 587.36           |  | 89   | 10  |  |  |  |                                                               |                                                       | 1                                                     |                                                    |                                                    |                                                  |                                                    |
| P.0402                                  | UD-75   | 1811+32.00 | 1812+57.00 | CLP_US006     | LT    | EX. UD           |  | 126  |     |  |  |  |                                                               | 1                                                     |                                                       |                                                    |                                                    | 1                                                |                                                    |
| P.0402                                  | UD-76   | 1812+10.00 | 1812+64.00 | CLP_US006     | RT    | EX UD            |  | 58   |     |  |  |  |                                                               |                                                       | 1                                                     |                                                    |                                                    |                                                  |                                                    |
| P.0405                                  | UD-180  | 121+85.00  | 125+40.00  | CLP_RyeBeachS | RT    | 597.63           |  | 346  | 13  |  |  |  |                                                               |                                                       | 1                                                     |                                                    |                                                    |                                                  |                                                    |
| P.0405                                  | UD-181  | 125+95.00  | 125+41.00  | CLP_RyeBeachS | RT    | 597.63           |  | 45   | 12  |  |  |  |                                                               |                                                       | 1                                                     |                                                    |                                                    |                                                  |                                                    |
| P.0405                                  | UD-182  | 126+05.00  | 127+21.00  | CLP_RyeBeachS | RT    | 597.51           |  | 108  | 10  |  |  |  |                                                               |                                                       | 1                                                     |                                                    |                                                    |                                                  |                                                    |
| P.0405                                  | UD-183  | 132+50.00  | 127+21.00  | CLP_RyeBeachS | RT    | 597.51           |  | 523  | 10  |  |  |  |                                                               |                                                       | 1                                                     |                                                    |                                                    |                                                  |                                                    |
| P.0406                                  | UD-184  | 133+11.00  | 135+71.00  | CLP_RyeBeachS | RT    | 597.41           |  | 261  | 16  |  |  |  |                                                               |                                                       |                                                       |                                                    | 1                                                  |                                                  |                                                    |
| P.0406                                  | UD-185  | 137+13.00  | 139+18.00  | CLP_RyeBeachS | RT    | 597.42           |  | 206  | 5   |  |  |  |                                                               |                                                       |                                                       |                                                    | 1                                                  |                                                  |                                                    |
| P.0412                                  | UD-85   | 143+96.00  | 139+90.00  | CLP_RyeBeachS | RT    | EX UD            |  | 409  |     |  |  |  |                                                               |                                                       |                                                       |                                                    |                                                    | 1                                                |                                                    |
| P.0412                                  | UD-86   | 140+13.00  | 139+90.00  | CLP_RyeBeachS | RT    | EX. UD           |  | 23   |     |  |  |  |                                                               |                                                       |                                                       |                                                    |                                                    | 1                                                |                                                    |
| P.0412                                  | UD-186  | 140+13.00  | 139+97.00  | CLP_RyeBeachS | RT    | 596.65           |  | 16   | 6   |  |  |  |                                                               |                                                       |                                                       |                                                    | 1                                                  |                                                  |                                                    |
| P.0412                                  | UD-87   | 140+14.00  | 139+98.00  | CLP_RyeBeachS | LT    | 596.76           |  | 8    | 10  |  |  |  |                                                               |                                                       |                                                       | 1                                                  |                                                    |                                                  |                                                    |
| P.0412                                  | UD-88   | 141+70.00  | 140+20.00  | CLP_RyeBeachS | RT    | 596.55           |  | 144  | 10  |  |  |  |                                                               |                                                       |                                                       |                                                    |                                                    |                                                  |                                                    |
| P.0412                                  | UD-187  | 141+70.00  | 140+23.00  | CLP_RyeBeachS | RT    | 596.59           |  | 146  | 10  |  |  |  | 1                                                             |                                                       |                                                       |                                                    | 1                                                  |                                                  |                                                    |
| P.0412                                  | UD-89   | 141+73.00  | 140+22.00  | CLP_RyeBeachS | LT    | 596.75           |  | 141  | 10  |  |  |  |                                                               |                                                       | 1                                                     |                                                    |                                                    |                                                  |                                                    |
| P.0413                                  | UD-90   | 143+92.00  | 141+77.00  | CLP_RyeBeachS | RT    | 599.01           |  | 208  | 10  |  |  |  |                                                               |                                                       |                                                       |                                                    |                                                    |                                                  |                                                    |
| P.0413                                  | UD-188  | 143+79.00  | 141+79.00  | CLP_RyeBeachS | RT    | 599.04           |  | 193  | 9   |  |  |  | 1                                                             |                                                       |                                                       |                                                    | 1                                                  |                                                  |                                                    |
| P.0413                                  | UD-91   | 144+11.00  | 141+80.00  | CLP_RyeBeachS | LT    | 599.27           |  | 254  | 10  |  |  |  |                                                               |                                                       | 1                                                     |                                                    |                                                    |                                                  |                                                    |
| P.0413                                  | UD-85A  | 143+10.00  | 142+99.00  | CLP_RyeBeachS | LT/RT | 603.89           |  | 74   | 19  |  |  |  |                                                               |                                                       |                                                       |                                                    | 2                                                  |                                                  |                                                    |
| P.0413                                  | UD-92   | +54.00     | 3+09.00    | CLP_REFCC_D   | LT    | 606.19           |  | 173  | 36  |  |  |  | 1                                                             |                                                       |                                                       |                                                    |                                                    | 1                                                |                                                    |
| P.0413                                  | UD-93   | 0+68.00    | 2+92.00    | CLP_REFCC_D   | LT    | 606.48           |  | 175  |     |  |  |  |                                                               |                                                       |                                                       |                                                    |                                                    |                                                  |                                                    |
| TOTALS CARRIED TO UNDERDRAIN SUBSUMMARY |         |            |            |               |       |                  |  | 4515 | 276 |  |  |  | 3                                                             | 1                                                     |                                                       | 12                                                 | 12                                                 | 8                                                |                                                    |

UNDERDRAIN QUANTITIES

DESIGN AGENCY

TRANSYSTEMS

400 W. NATIONWIDE BLVD., STE. 225

COLUMBUS, OHIO 43215

DESIGNER

MHT

REVIEWER

GHM 07/30/25

PROJECT ID

116570

SHEET

P.0324

TOTAL

1088



**ERI-US 0006-CONNECTIVITY CORRIDOR**

MODEL: Sheet 5 PAPER SIZE: 34x22 (in.) DATE: 7/31/2025 TIME: 10:55:00 AM PLTDR: CHDOT\_PDF\_Levels.plt6g PENTBL: CHDOT\_Pent.tbl USER: ijwilson@tffinc.com WORKSPACE: CHDOT05-02 WORKSET: 116570 PRODUCT: OpenRoads Designer 24.00.00.2025  
pwy:\chdot04-pwy.bentley.com\chdot04-pwy\2\Documents\01 Active Projects\District 03\Erie\116570\402-Engineering\_TransSystems\Drainage\Sheets\116570\_DS002.dgn

| SHEET NO.                               | REF NO. | STATION   |           | CHAIN                                                         | SIDE                                        | OUTLET ELEVATION                            |                                          | 605                                      | 611                                    |                                          |  |   | FOR INFORMATION ONLY                                                   |   |   |   |   |  |  |
|-----------------------------------------|---------|-----------|-----------|---------------------------------------------------------------|---------------------------------------------|---------------------------------------------|------------------------------------------|------------------------------------------|----------------------------------------|------------------------------------------|--|---|------------------------------------------------------------------------|---|---|---|---|--|--|
|                                         |         |           |           |                                                               |                                             |                                             |                                          |                                          |                                        |                                          |  |   | BENDS AND BRANCHES                                                     |   |   |   |   |  |  |
|                                         |         |           |           |                                                               |                                             |                                             |                                          |                                          |                                        |                                          |  |   | * DENOTES TO CONNECT TO EXISTING UD                                    |   |   |   |   |  |  |
|                                         |         | FROM      | TO        | <div><div>Y-Bend</div><div>4" WYE</div></div> <div>EACH</div> | <div>4" X 11.25" BEND</div> <div>EACH</div> | <div>4" X 22.50" BEND</div> <div>EACH</div> | <div>4" X 45" BEND</div> <div>EACH</div> | <div>4" X 90" BEND</div> <div>EACH</div> | <div>4" X 4" TEE</div> <div>EACH</div> | <div>4" X 4" CROSS</div> <div>EACH</div> |  |   |                                                                        |   |   |   |   |  |  |
| P.0413                                  | UD-189  | 145+06.00 | 144+38.00 | CLP_RyeBeachS                                                 | RT                                          | 606.18                                      |                                          | 95                                       |                                        |                                          |  |   |                                                                        |   |   | 1 |   |  |  |
| P.0413                                  | UD-94   | 145+97.00 | 145+04.00 | CLP_RyeBeachS                                                 | RT                                          | 608.77                                      |                                          | 92                                       | 10                                     |                                          |  |   |                                                                        |   |   |   |   |  |  |
| P.0413                                  | UD-190  | 145+98.00 | 145+07.00 | CLP_RyeBeachS                                                 | RT                                          | 608.80                                      |                                          | 96                                       | 10                                     |                                          |  | 1 |                                                                        |   |   | 1 |   |  |  |
| P.0413                                  | UD-94A  | 145+11.00 | 145+14.00 | CLP_RyeBeachS                                                 | LT/RT                                       | 608.81                                      |                                          | 41                                       | 18                                     |                                          |  |   |                                                                        | 1 |   | 1 |   |  |  |
| P.0413                                  | UD-95   | 146+03.00 | 145+20.00 | CLP_RyeBeachS                                                 | LT                                          | 609.39                                      |                                          | 65                                       | 10                                     |                                          |  |   |                                                                        |   | 1 |   |   |  |  |
| P.0413                                  | UD-96   | 146+28.00 | 145+29.00 | CLP_RyeBeachS                                                 | LT                                          | 609.39                                      |                                          | 91                                       | 10                                     |                                          |  |   |                                                                        | 1 |   |   |   |  |  |
| P.0414                                  | UD-97   | 146+53.00 | 146+03.00 | CLP_RyeBeachS                                                 | RT                                          | 611.74                                      |                                          | 40                                       | 10                                     |                                          |  |   |                                                                        | 1 |   |   |   |  |  |
| P.0414                                  | UD-98   | 146+68.00 | 146+35.00 | CLP_RyeBeachS                                                 | LT                                          | 612.30                                      |                                          | 25                                       | 10                                     |                                          |  |   |                                                                        | 1 |   |   |   |  |  |
| P.0415                                  | UD-99   | 150+00.00 | 150+41.00 | CLP_RyeBeachN                                                 | RT                                          | 611.99                                      |                                          | 31                                       | 10                                     |                                          |  |   |                                                                        | 1 |   |   |   |  |  |
| P.0415                                  | UD-100  | 150+15.00 | 150+55.00 | CLP_RyeBeachN                                                 | LT                                          | 611.44                                      |                                          | 30                                       | 10                                     |                                          |  |   |                                                                        | 1 |   |   |   |  |  |
| P.0415                                  | UD-101  | 150+47.00 | 151+27.00 | CLP_RyeBeachN                                                 | RT                                          | 609.98                                      |                                          | 72                                       | 10                                     |                                          |  |   |                                                                        |   |   |   |   |  |  |
| P.0415                                  | UD-191  | 150+47.00 | 151+25.00 | CLP_RyeBeachN                                                 | RT                                          | 610.01                                      |                                          | 71                                       | 9                                      |                                          |  | 1 |                                                                        |   |   | 1 |   |  |  |
| P.0415                                  | UD-102  | 150+63.00 | 151+56.00 | CLP_RyeBeachN                                                 | LT                                          | 609.55                                      |                                          | 88                                       | 10                                     |                                          |  |   |                                                                        | 1 |   |   |   |  |  |
| P.0415                                  | UD-103  | 150+90.00 | 151+70.00 | CLP_RyeBeachN                                                 | RT                                          | 609.70                                      |                                          | 82                                       | 10                                     |                                          |  |   |                                                                        |   |   | 1 |   |  |  |
| P.0415                                  | UD-103B | 151+08.00 | 151+58.00 | CLP_RyeBeachN                                                 | LT                                          | 609.54                                      |                                          | 57                                       | 10                                     |                                          |  |   |                                                                        |   |   | 1 |   |  |  |
| P.0415                                  | UD-103C | 151+85.00 | 151+61.00 | CLP_RyeBeachN                                                 | LT                                          | 609.66                                      |                                          | 29                                       |                                        |                                          |  |   |                                                                        |   |   |   |   |  |  |
| P.0415                                  | UD-104  | 151+33.00 | 151+61.00 | CLP_RyeBeachN                                                 | RT                                          | 609.50                                      |                                          | 19                                       | 10                                     |                                          |  | 1 |                                                                        |   |   |   |   |  |  |
| P.0415                                  | UD-104B | 151+66.00 | 151+64.00 | CLP_RyeBeachN                                                 | RT                                          | 609.50                                      |                                          | 30                                       | 3                                      |                                          |  |   |                                                                        | 1 |   |   |   |  |  |
| P.0415                                  | UD-192  | 151+28.00 | 151+58.00 | CLP_RyeBeachN                                                 | RT                                          | 609.53                                      |                                          | 24                                       | 10                                     |                                          |  |   |                                                                        |   |   | 1 |   |  |  |
| P.0415                                  | UD-193  | 151+60.00 | 152+38.00 | CLP_RyeBeachN                                                 | RT                                          | 607.68                                      |                                          | 77                                       |                                        |                                          |  |   |                                                                        |   |   | 1 |   |  |  |
| P.0415                                  | UD-105  | 152+83.00 | 154+96.00 | CLP_RyeBeachN                                                 | RT                                          | 601.41                                      |                                          | 253                                      | 20                                     |                                          |  |   |                                                                        |   |   | 5 | 1 |  |  |
| P.0415                                  | UD-106  | 152+89.00 | 154+99.00 | CLP_RyeBeachN                                                 | RT                                          | 601.18                                      |                                          | 235                                      | 10                                     |                                          |  |   |                                                                        | 1 |   |   |   |  |  |
| P.0415                                  | UD-194  | 152+91.00 | 154+94.00 | CLP_RyeBeachN                                                 | RT                                          | 601.41                                      |                                          | 236                                      | 4                                      |                                          |  |   |                                                                        |   |   | 1 |   |  |  |
| P.0415                                  | UD-107  | 152+89.00 | 158+79.00 | CLP_RyeBeachN                                                 | LT                                          | 589.43                                      |                                          | 576                                      | 10                                     |                                          |  |   |                                                                        | 1 |   |   |   |  |  |
| P.0415                                  | UD-108  | 153+24.00 | 158+81.00 | CLP_RyeBeachN                                                 | LT                                          | 589.43                                      |                                          | 587                                      | 17                                     |                                          |  |   |                                                                        |   |   | 2 | 1 |  |  |
| P.0416                                  | UD-109  | 155+05.00 | 158+85.00 | CLP_RyeBeachN                                                 | RT                                          | 589.49                                      |                                          | 390                                      | 20                                     |                                          |  |   |                                                                        |   |   | 1 | 1 |  |  |
| P.0416                                  | UD-110  | 155+06.00 | 156+99.00 | CLP_RyeBeachN                                                 | RT                                          | 593.71                                      |                                          | 198                                      |                                        |                                          |  | 1 |                                                                        |   |   |   |   |  |  |
| P.0416                                  | UD-195  | 155+06.00 | 156+97.00 | CLP_RyeBeachN                                                 | RT                                          | 593.74                                      |                                          | 189                                      | 8                                      |                                          |  |   |                                                                        | 1 |   |   |   |  |  |
| P.0416                                  | UD-110B | 157+04.00 | 158+85.00 | CLP_RyeBeachN                                                 | RT                                          | 588.91                                      |                                          | 184                                      | 10                                     |                                          |  | 1 |                                                                        |   |   |   |   |  |  |
| P.0416                                  | UD-196  | 157+04.00 | 18+82.00  | CLP_RyeBeachN                                                 | RT                                          | 588.95                                      |                                          | 188                                      | 4                                      |                                          |  |   |                                                                        |   |   | 1 |   |  |  |
| TOTALS CARRIED TO UNDERDRAIN SUBSUMMARY |         |           |           |                                                               |                                             |                                             |                                          | 4191                                     | 273                                    |                                          |  |   |                                                                        |   |   |   |   |  |  |
|                                         |         |           |           |                                                               |                                             |                                             |                                          |                                          |                                        |                                          |  |   | DESIGN AGENCY                                                          |   |   |   |   |  |  |
|                                         |         |           |           |                                                               |                                             |                                             |                                          |                                          |                                        |                                          |  |   | TRANSYSTEMS<br>400 W. NANTONWEE BLVD., STE 225<br>COLUMBUS, OHIO 43210 |   |   |   |   |  |  |
|                                         |         |           |           |                                                               |                                             |                                             |                                          |                                          |                                        |                                          |  |   | DESIGNER                                                               |   |   |   |   |  |  |
|                                         |         |           |           |                                                               |                                             |                                             |                                          |                                          |                                        |                                          |  |   | MHT                                                                    |   |   |   |   |  |  |
|                                         |         |           |           |                                                               |                                             |                                             |                                          |                                          |                                        |                                          |  |   | REVIEWER                                                               |   |   |   |   |  |  |
|                                         |         |           |           |                                                               |                                             |                                             |                                          |                                          |                                        |                                          |  |   | GHM 07/30/25                                                           |   |   |   |   |  |  |
|                                         |         |           |           |                                                               |                                             |                                             |                                          |                                          |                                        |                                          |  |   | PROJECT ID                                                             |   |   |   |   |  |  |
|                                         |         |           |           |                                                               |                                             |                                             |                                          |                                          |                                        |                                          |  |   | 116570                                                                 |   |   |   |   |  |  |
|                                         |         |           |           |                                                               |                                             |                                             |                                          |                                          |                                        |                                          |  |   | SHEET TOTAL                                                            |   |   |   |   |  |  |
|                                         |         |           |           |                                                               |                                             |                                             |                                          |                                          |                                        |                                          |  |   | P.0325 1088                                                            |   |   |   |   |  |  |



**ERI-US 0006-CONNECTIVITY CORRIDOR**

MODEL: Sheet 6 PAPERSize: 34x22 (in.) DATE: 7/31/2025 TIME: 10:55:00 AM PLTDRV: CHDPT\_PDF Levels.pltG PENTBL: CHDPT\_Pent.tbl USER: jwilson@dfinc.com WORKSPACE: CHDPTCE-02 WORKSET: 116570 PRODUCT: OpenRoads-Designer 24.00.00.205  
pwy:/chdptd-pw.bentley.com/chdptd-pw-02/Documents/01 Active Projects/District 03/Erie/116570/402-Engineering\_TransSystems/DrainageStreets/116570\_DS002.dgn

| SHEET NO.                               | REF NO. | STATION                                   |                                             | CHAIN         | SIDE  | OUTLET ELEVATION |    | 605  | 611 |  |  |  | FOR INFORMATION ONLY                        |                                          |                                          |                                        |                                          |                                                                                         |    |
|-----------------------------------------|---------|-------------------------------------------|---------------------------------------------|---------------|-------|------------------|----|------|-----|--|--|--|---------------------------------------------|------------------------------------------|------------------------------------------|----------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------|----|
|                                         |         |                                           |                                             |               |       |                  |    |      |     |  |  |  | BENDS AND BRANCHES                          |                                          |                                          |                                        |                                          |                                                                                         |    |
|                                         |         |                                           |                                             |               |       |                  |    |      |     |  |  |  | * DENOTES TO CONNECT TO EXISTING UD         |                                          |                                          |                                        |                                          |                                                                                         |    |
|                                         |         | <div>Y-Bend- 4" WYE</div> <div>EACH</div> | <div>4" X 11.25" BEND</div> <div>EACH</div> |               |       |                  |    |      |     |  |  |  | <div>4" X 22.50" BEND</div> <div>EACH</div> | <div>4" X 45" BEND</div> <div>EACH</div> | <div>4" X 90" BEND</div> <div>EACH</div> | <div>4" X 4" TEE</div> <div>EACH</div> | <div>4" X 4" CROSS</div> <div>EACH</div> |                                                                                         |    |
| FROM                                    | TO      |                                           |                                             |               |       | FT               | FT |      |     |  |  |  |                                             |                                          |                                          |                                        |                                          |                                                                                         |    |
| P.0401                                  | UD-111  | 159+27.00                                 | 158+90.00                                   | CLP_RyeBeachN | RT    | 588.91           |    | 11   | 20  |  |  |  |                                             |                                          |                                          | 1                                      | 1                                        |                                                                                         |    |
| P.0401                                  | UD-111B | 159+48.00                                 | 158+84.00                                   | CLP_RyeBeachN | LT    | 589.32           |    | 61   | 10  |  |  |  |                                             |                                          | 1                                        |                                        |                                          |                                                                                         |    |
| P.0401                                  | UD-111C | 159+40.00                                 | 158+82.00                                   | CLP_RyeBeachN | LT    | 589.55           |    | 59   |     |  |  |  |                                             |                                          |                                          |                                        |                                          |                                                                                         |    |
| P.0401                                  | UD-112  | 159+28.00                                 | 159+01.00                                   | CLP_RyeBeachN | RT    | 589.49           |    | 41   | 10  |  |  |  | 1                                           |                                          |                                          |                                        |                                          |                                                                                         |    |
| P.0401                                  | UD-197  | 159+25.00                                 | 158+90.00                                   | CLP_RyeBeachN | RT    | 588.18           |    | 47   | 4   |  |  |  |                                             |                                          |                                          | 1                                      |                                          |                                                                                         |    |
| P.0401                                  | UD-113  | 160+54.00                                 | 162+44.00                                   | CLP_RyeBeachN | LT    | 588.15           |    | 201  | 10  |  |  |  |                                             |                                          |                                          | 1                                      |                                          |                                                                                         |    |
| P.0401                                  | UD-198  | 160+71.00                                 | 161+32.00                                   | CLP_RyeBeachN | LT    | 588.70           |    | 81   | 4   |  |  |  |                                             |                                          |                                          | 1                                      | 1                                        |                                                                                         |    |
| P.0401                                  | UD-114  | 160+89.00                                 | 162+48.00                                   | CLP_RyeBeachN | RT    | 588.11           |    | 141  | 10  |  |  |  |                                             |                                          | 1                                        |                                        |                                          |                                                                                         |    |
| P.0401                                  | UD-199  | 160+91.00                                 | 161+29.00                                   | CLP_RyeBeachN | RT    | 588.42           |    | 39   | 4   |  |  |  |                                             |                                          |                                          | 1                                      | 1                                        |                                                                                         |    |
| P.0401                                  | UD-115  | 161+01.00                                 | 162+40.00                                   | CLP_RyeBeachN | RT    | 588.25           |    | 95   | 12  |  |  |  |                                             |                                          |                                          | 1                                      | 1                                        |                                                                                         |    |
| P.0401                                  | UD-116  | 161+14.00                                 | 162+44.00                                   | CLP_RyeBeachN | LT    | 588.27           |    | 74   | 9   |  |  |  |                                             |                                          |                                          | 1                                      | 1                                        |                                                                                         |    |
| P.0418                                  | UD-117  | 162+55.00                                 | 164+35.00                                   | CLP_RyeBeachN | RT    | EX. UD           |    | 186  |     |  |  |  |                                             |                                          |                                          |                                        |                                          |                                                                                         |    |
| P.0418                                  | UD-118  | 162+58.00                                 | 164+35.00                                   | CLP_RyeBeachN | LT    | EX. UD           |    | 171  |     |  |  |  |                                             |                                          |                                          |                                        |                                          |                                                                                         |    |
| P.0413                                  | UD-125  | 740+12.00                                 | 744+20.00                                   | CLP_RAMP_C    | LT    | EX. UD           |    | 503  |     |  |  |  |                                             | 1                                        |                                          | 1                                      |                                          |                                                                                         |    |
| P.0413                                  | UD-126  | 740+22.00                                 | 744+19.00                                   | CLP_RAMP_C    | RT    | EX. UD           |    | 397  |     |  |  |  |                                             | 1                                        |                                          |                                        | 1                                        |                                                                                         |    |
| P.0413                                  | UD-127  | 792+09.00                                 | 788+00.00                                   | CLP_RAMP_D    | LT    | EX. UD           |    | 498  |     |  |  |  |                                             |                                          |                                          | 1                                      |                                          |                                                                                         |    |
| P.0413                                  | UD-127B | 792+16.00                                 | 791+72.00                                   | CLP_RAMP_D    | LT/RT | 607.90           |    | 46   | 4   |  |  |  |                                             |                                          |                                          | 1                                      | 1                                        |                                                                                         |    |
| P.0419                                  | UD-128  | 790+43.00                                 | 788+00.00                                   | CLP_RAMP_D    | RT    | EX. UD           |    | 244  |     |  |  |  |                                             |                                          |                                          |                                        |                                          |                                                                                         |    |
| P.0413                                  | UD-129  | 792+01.00                                 | 788+00.00                                   | CLP_RAMP_D    | RT    | EX. UD           |    | 409  |     |  |  |  |                                             |                                          |                                          |                                        |                                          |                                                                                         |    |
| P.0415                                  | UD-135  | 868+02.00                                 | 864+00.00                                   | CLP_RAMP_A    | LT    | EX. UD           |    | 402  |     |  |  |  |                                             |                                          |                                          |                                        |                                          |                                                                                         |    |
| P.0415                                  | UD-136  | 867+88.00                                 | 864+00.00                                   | CLP_RAMP_A    | RT    | EX. UD           |    | 500  |     |  |  |  |                                             |                                          |                                          |                                        |                                          |                                                                                         |    |
| P.0415                                  | UD-137  | 12+97.00                                  | 813+70.00                                   | CLP_RAMP_B    | LT    | EX. UD           |    | 436  |     |  |  |  |                                             |                                          |                                          |                                        | 1                                        |                                                                                         |    |
| P.0415                                  | UD-138  | 810+21.00                                 | 813+70.00                                   | CLP_RAMP_B    | RT    | EX. UD           |    | 439  |     |  |  |  |                                             |                                          |                                          | 1                                      |                                          |                                                                                         |    |
| P.0415                                  | UD-139  | 810+00.00                                 | 811+90.00                                   | CLP_RAMP_B    | LT    | 600.85           |    | 176  | 10  |  |  |  |                                             |                                          | 1                                        |                                        |                                          |                                                                                         |    |
| P.0415                                  | UD-140  | 810+02.00                                 | 811+31.00                                   | CLP_RAMP_B    | LT    | 604.10           |    | 118  | 13  |  |  |  |                                             |                                          |                                          | 1                                      |                                          |                                                                                         |    |
| P.0420                                  | UD-141  | 811+96.00                                 | 813+70.00                                   | CLP_RAMP_B    | LT    | EX. UD           |    | 175  |     |  |  |  |                                             |                                          |                                          |                                        |                                          |                                                                                         |    |
| P.0415                                  | UD-150  | 11+36.00                                  | 13+61.00                                    | CLP_REFCC_E   | LT    | 607.01           |    | 186  | 19  |  |  |  |                                             |                                          |                                          |                                        | 1                                        |                                                                                         |    |
| P.0415                                  | UD-151  | 11+50.00                                  | 13+61.00                                    | CLP_REFCC_E   | LT    | 607.41           |    | 159  |     |  |  |  |                                             |                                          |                                          |                                        |                                          |                                                                                         |    |
| P.0401                                  | UD-153  | 20+84.00                                  | 23+93.00                                    | CLP_REFCC_C   | LT    | 589.10           |    | 203  |     |  |  |  | 1                                           |                                          |                                          |                                        |                                          |                                                                                         |    |
| P.0401                                  | UD-153B | 20+84.00                                  | 23+87.00                                    | CLP_REFCC_C   | LT    | 589.30           |    | 260  |     |  |  |  |                                             |                                          |                                          |                                        | 1                                        |                                                                                         |    |
| P.0401                                  | UD-154  | 20+96.00                                  | 23+80.00                                    | CLP_REFCC_C   | LT    | 588.06           |    | 160  | 19  |  |  |  |                                             |                                          |                                          |                                        |                                          |                                                                                         |    |
| P.0401                                  | UD-154B | 20+96.00                                  | 23+87.00                                    | CLP_REFCC_C   | LT    | 589.15           |    | 203  | 20  |  |  |  |                                             |                                          |                                          |                                        |                                          |                                                                                         |    |
| TOTALS CARRIED TO UNDERDRAIN SUBSUMMARY |         |                                           |                                             |               |       |                  |    | 6721 | 178 |  |  |  |                                             | 2                                        | 2                                        |                                        | 4                                        | 11                                                                                      | 10 |
| UNDERDRAIN QUANTITIES                   |         |                                           |                                             |               |       |                  |    |      |     |  |  |  |                                             |                                          |                                          |                                        |                                          | DESIGN AGENCY<br>TRANSYSTEMS<br>400 W. NANTONWEE BLVD., STE 225<br>COLUMBUS, OHIO 43210 |    |
|                                         |         |                                           |                                             |               |       |                  |    |      |     |  |  |  |                                             |                                          |                                          |                                        |                                          | DESIGNER<br>MHT                                                                         |    |
|                                         |         |                                           |                                             |               |       |                  |    |      |     |  |  |  |                                             |                                          |                                          |                                        |                                          | REVIEWER<br>GHM 07/30/25                                                                |    |
|                                         |         |                                           |                                             |               |       |                  |    |      |     |  |  |  |                                             |                                          |                                          |                                        |                                          | PROJECT ID<br>116570                                                                    |    |
|                                         |         |                                           |                                             |               |       |                  |    |      |     |  |  |  |                                             |                                          |                                          |                                        |                                          | SHEET TOTAL<br>P.0326 1088                                                              |    |



ERI-US 0006-CONNECTIVITY CORRIDOR

---

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/31/2025 TIME: 10:56:35 AM PLTDRV: OHDOT PDF Levels.pltcdt USER: jwilson@gtfinc.com WORKSPACE: OHDOTCEv02 WORKSET: 116570 PRODUCT: OpenRoadsDesigner 24.00.00.205  
 p:\0\ohdot-pw-bentley.com\ohdot-pw-02\Documents\01 Active Projects\District 03\ERIE\116570\402-Engineering\_TransSystems\Drainage\Sheets\116570\_DS003.dgn

| ESTIMATED QUANTITIES SHEET NO.    | 203                     | 601                                                    | 601               | 602              | 605                                           | 611                |                     | 611                 |                       | 611                  | 654                                   | 659                  | 671                 |      |      |  |  |  |  |
|-----------------------------------|-------------------------|--------------------------------------------------------|-------------------|------------------|-----------------------------------------------|--------------------|---------------------|---------------------|-----------------------|----------------------|---------------------------------------|----------------------|---------------------|------|------|--|--|--|--|
|                                   | EXCAVATION, AS PER PLAN | ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC | BIORETENTION CELL | CONCRETE MASONRY | 4" UNCLASSIFIED PIPE UNDERDRAINS, AS PER PLAN | 4" CONDUIT, TYPE C | 18" CONDUIT, TYPE C | 21" CONDUIT, TYPE C | CATCH BASIN, NO. 2-3B | CATCH BASIN, NO. 2-3 | RENOVATING EXISTING SOIL, AS PER PLAN | SEEDING AND MULCHING | EROSION CONTROL MAT |      |      |  |  |  |  |
|                                   | CY                      | CY                                                     | CY                | CY               | FT                                            | FT                 | FT                  | FT                  | EACH                  | MSF                  | SY                                    | SY                   |                     |      |      |  |  |  |  |
| P.0353                            |                         |                                                        |                   |                  |                                               |                    |                     |                     |                       |                      |                                       |                      |                     |      |      |  |  |  |  |
| P.0354                            |                         |                                                        |                   |                  |                                               |                    |                     |                     |                       |                      |                                       |                      |                     |      |      |  |  |  |  |
| P.0355                            |                         |                                                        |                   |                  |                                               |                    |                     |                     |                       |                      |                                       |                      |                     |      |      |  |  |  |  |
| P.0823                            | 1768                    | 13                                                     | 1880              | 0.27             | 530                                           | 96                 | 44                  | 44                  |                       | *                    |                                       | 1857                 | 1857                |      |      |  |  |  |  |
| P.0824                            | 1018                    | 22                                                     | 1083              | 0.39             | 498                                           | 33                 |                     | 100                 |                       | 1                    |                                       | 1282                 | 1282                |      |      |  |  |  |  |
| TOTALS CARRIED TO GENERAL SUMMARY | 2786                    | 35                                                     | 2963              | 40.066           | 1028                                          | 129                | 44                  | 144                 | 100                   | 1                    | 2.1                                   | 367.1                | 3139                | 4393 | 7.28 |  |  |  |  |

BMP SUBSUMMARY

---

|                      |                                                          |
|----------------------|----------------------------------------------------------|
| <b>DESIGN AGENCY</b> |                                                          |
| <b>TRANSYSTEMS</b>   | 400 W. NATIONWIDE BLVD., STE 225<br>COLUMBUS, OHIO 43215 |
| <b>DESIGNER</b>      |                                                          |
| <b>MHT</b>           |                                                          |
| <b>REVIEWER</b>      |                                                          |
| <b>GHEM</b>          | <b>07/30/25</b>                                          |
| <b>PROJECT ID</b>    |                                                          |
| <b>116570</b>        |                                                          |
| <b>SHEET</b>         | <b>TOTAL</b>                                             |
| <b>P.0352</b>        | <b>1088</b>                                              |

DESIGN AGENCY  
**TRANSYSTEMS**  
400 W. NATIONWIDE BLVD., STE 225  
COLUMBUS, OHIO 43215

---

DESIGNER  
**MHT**

---

REVIEWER  
**GHM 07/30/25**

---

PROJECT ID  
**116570**

---

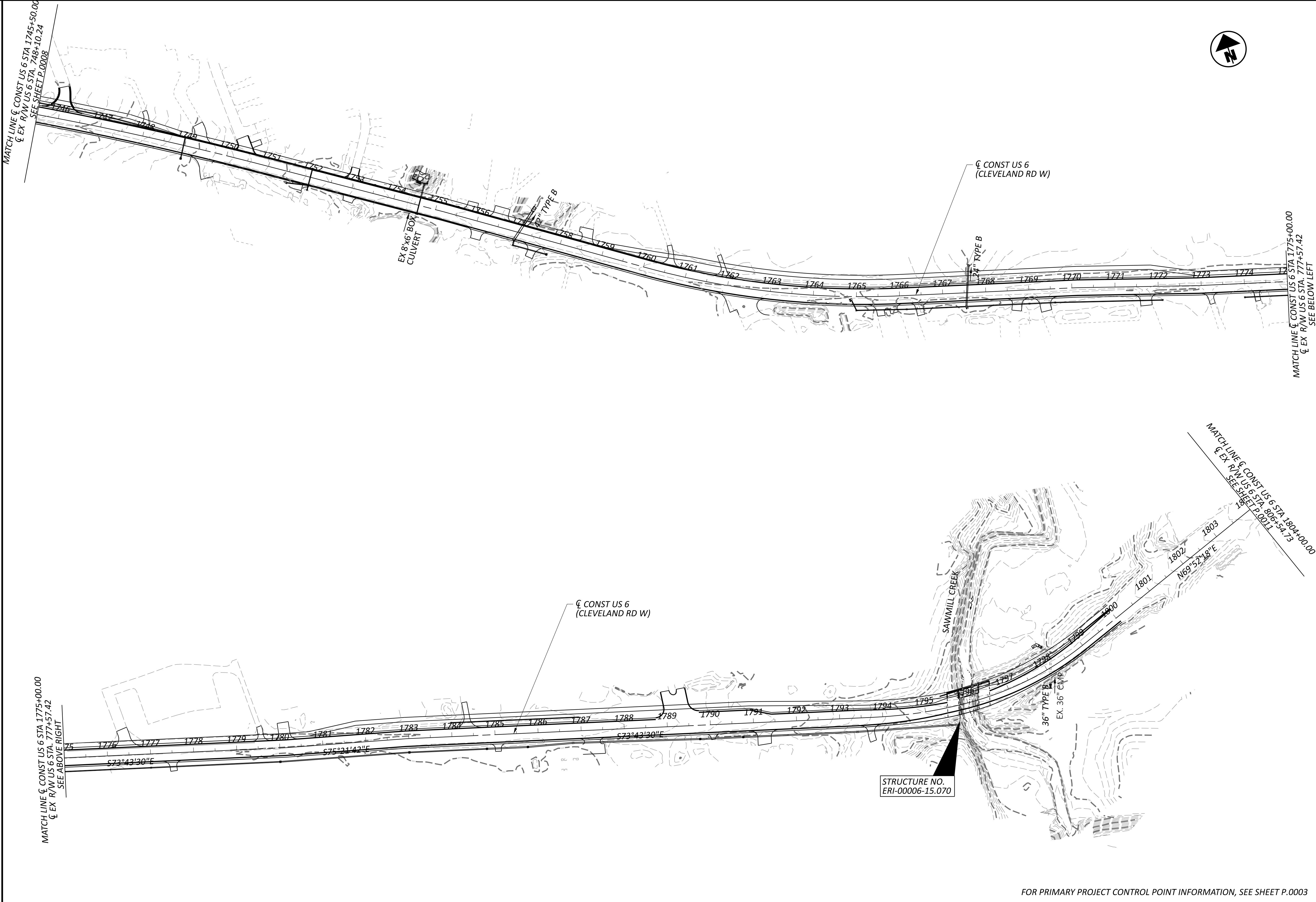
|               |             |
|---------------|-------------|
| SHEET         | TOTAL       |
| <b>P.0352</b> | <b>1088</b> |



ERI-US 0006-CONNECTIVITY CORRIDOR

MODEL: Sheet01 - 100 Scale PAPER SIZE: 34x22 (in.) DATE: 7/31/2025 TIME: 10:56:54 AM PLTDRV: OHDOT\_PDF Levels.pltcfgr PENTBL: OHDOT\_Pen.tbl USER: jwilson@gtfinc.com WORKSPACE: OHDOTCEV02 WORKSET: 116570 PRODUCT: OpenRoadsDesigner 24.00.00.205

pw:\ohiodot-pw.bentley.com\ohiodot-pw-02\Documents\01 Active Projects\District 03\Erie\116570\402-Engineering\_Drainage\Sheets\116570\_DB001.dgn



FOR PRIMARY PROJECT CONTROL POINT INFORMATION, SEE SHEET P.0003

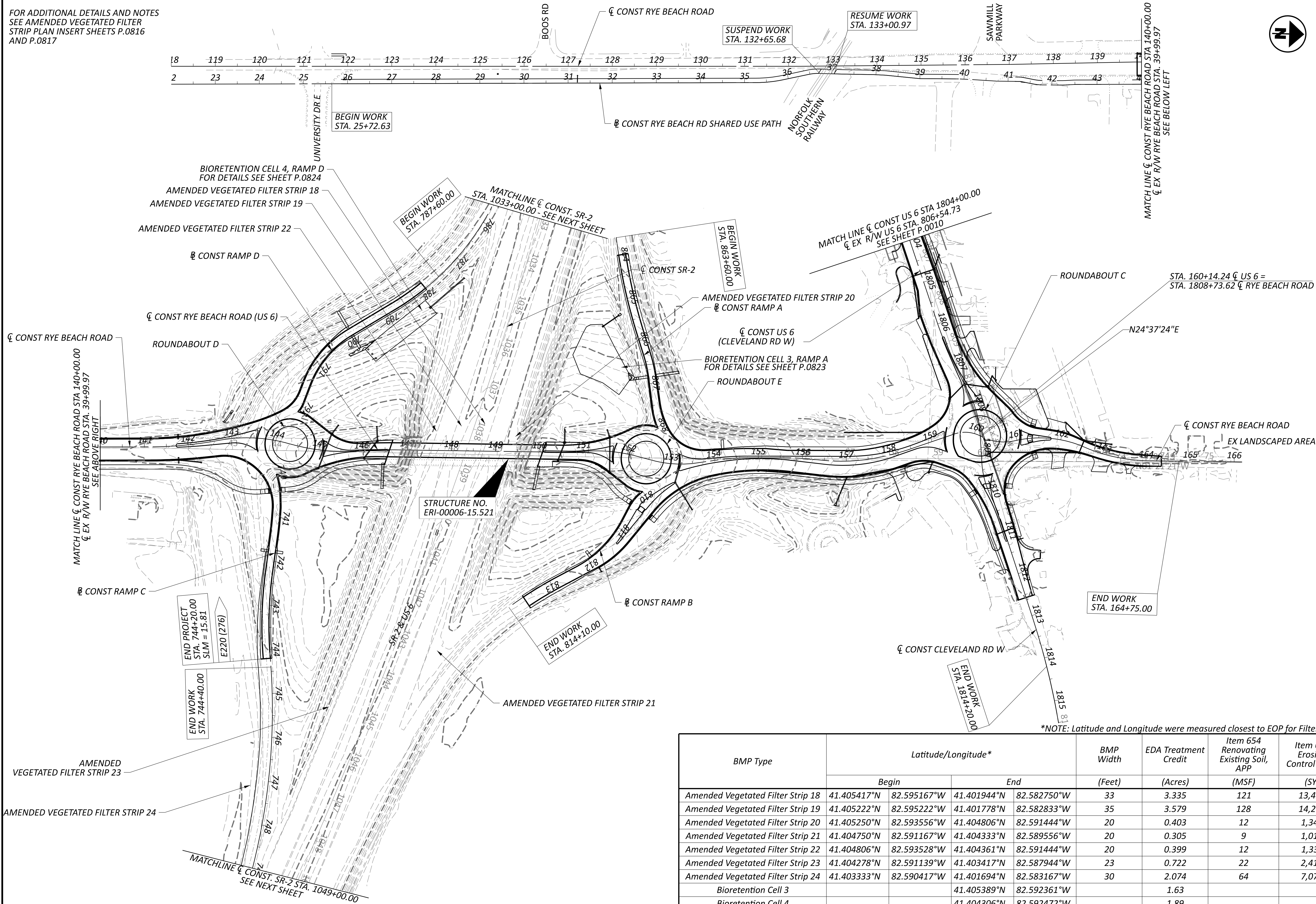
|                                    |       |
|------------------------------------|-------|
| DESIGN AGENCY                      |       |
| TRANSYSTEMS                        |       |
| 400 W. WATSONVILLE BLVD., STE. 225 |       |
| COLUMBUS, OHIO 43215               |       |
| DESIGNER                           |       |
| MHT                                |       |
| REVIEWER                           |       |
| GHM 07/30/25                       |       |
| PROJECT ID                         |       |
| 116570                             |       |
| SHEET                              | TOTAL |
| P.0353                             | 1088  |

PROJECT SITE PLAN  
US 6 STA. 1745+50.00 TO STA. 1804+00.00

HORIZONTAL  
SCALE IN FEET  
0 50 100 200



FOR ADDITIONAL DETAILS AND NOTES  
SEE AMENDED VEGETATED FILTER  
STRIP PLAN INSERT SHEETS P.0816  
AND P.0817



\*NOTE: Latitude and Longitude were measured closest to EOP for Filter Strips

| BMP Type                                | Latitude/Longitude* |             |             |             | BMP Width | EDA Treatment Credit | Item 654<br>Renovating<br>Existing Soil,<br>APP | Item 671<br>Erosion<br>Control Mats |
|-----------------------------------------|---------------------|-------------|-------------|-------------|-----------|----------------------|-------------------------------------------------|-------------------------------------|
|                                         | Begin               |             | End         |             | (Feet)    | (Acres)              | (MSF)                                           | (SY)                                |
| Amended Vegetated Filter Strip 18       | 41.405417°N         | 82.595167°W | 41.401944°N | 82.582750°W | 33        | 3.335                | 121                                             | 13,402                              |
| Amended Vegetated Filter Strip 19       | 41.405222°N         | 82.595222°W | 41.401778°N | 82.582833°W | 35        | 3.579                | 128                                             | 14,214                              |
| Amended Vegetated Filter Strip 20       | 41.405250°N         | 82.593556°W | 41.404806°N | 82.591444°W | 20        | 0.403                | 12                                              | 1,344                               |
| Amended Vegetated Filter Strip 21       | 41.404750°N         | 82.591167°W | 41.404333°N | 82.589556°W | 20        | 0.305                | 9                                               | 1,018                               |
| Amended Vegetated Filter Strip 22       | 41.404806°N         | 82.593528°W | 41.404361°N | 82.591444°W | 20        | 0.399                | 12                                              | 1,331                               |
| Amended Vegetated Filter Strip 23       | 41.404278°N         | 82.591139°W | 41.403417°N | 82.587944°W | 23        | 0.722                | 22                                              | 2,410                               |
| Amended Vegetated Filter Strip 24       | 41.403333°N         | 82.590417°W | 41.401694°N | 82.583167°W | 30        | 2.074                | 64                                              | 7,070                               |
| Bioretention Cell 3                     |                     |             | 41.405389°N | 82.592361°W |           | 1.63                 |                                                 |                                     |
| Bioretention Cell 4                     |                     |             | 41.404306°N | 82.592472°W |           | 1.89                 |                                                 |                                     |
| TOTALS CARRIED TO BMP SUBSUMMARY P.0352 |                     |             |             |             |           | 14.337               | 367                                             | 40,789                              |

DESIGN AGENCY

**TRANSYSTEMS**  
400 W. WATKINSON BLVD., STE. 225  
COLUMBUS, OHIO 43215

DESIGNER

MHT

REVIEWER

GHM 07/30/25

PROJECT ID

116570

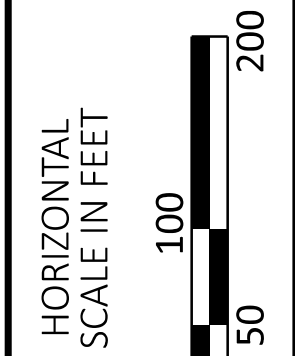
SHEET

P.0354

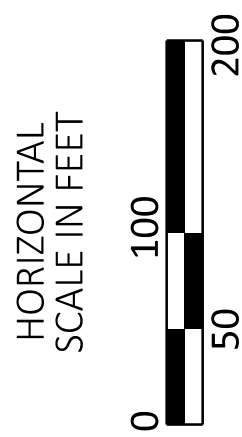
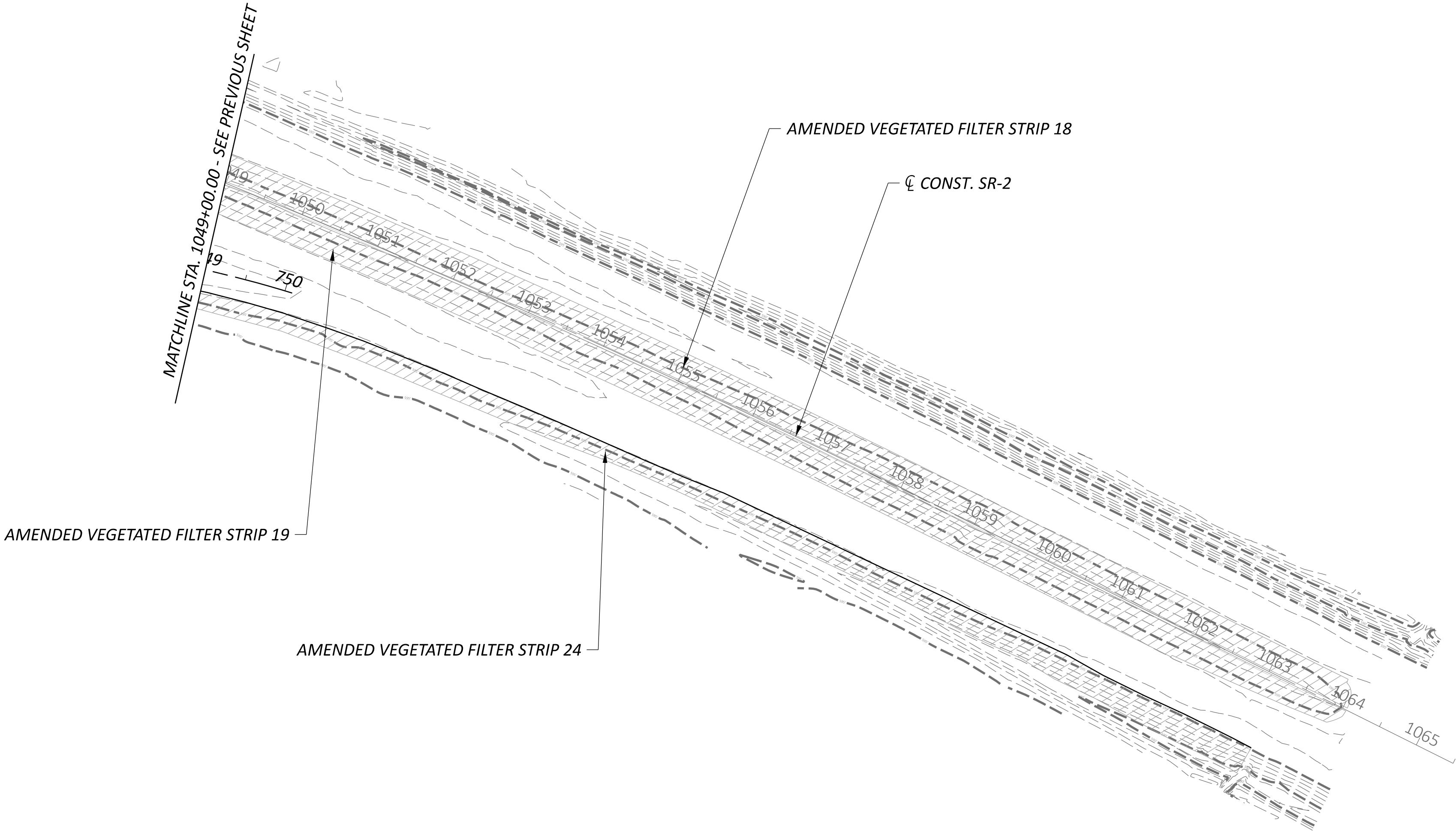
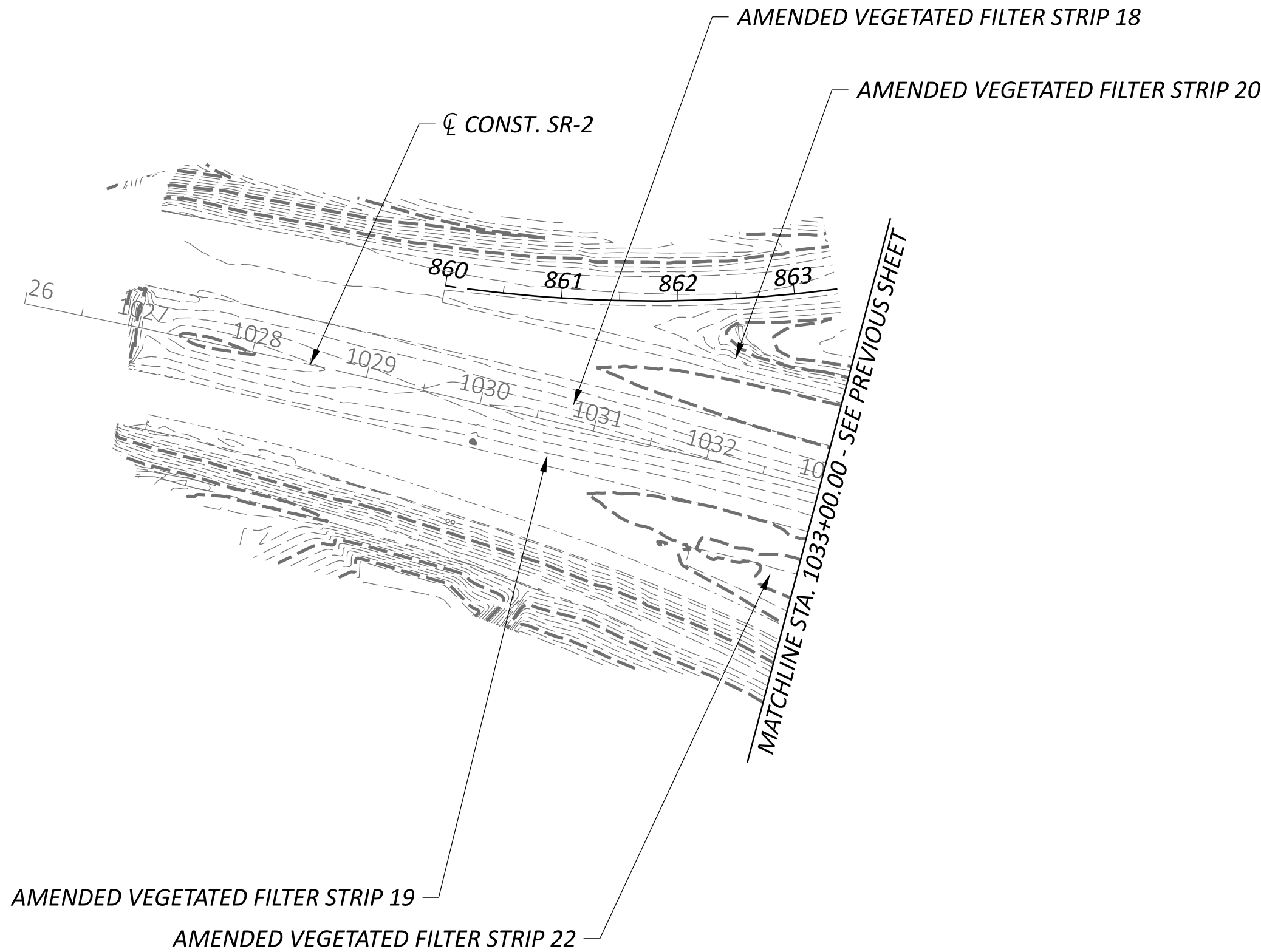
TOTAL

1088

PROJECT SITE PLAN  
RYE BEACH ROAD STA 118+00.00 TO STA 166+00.00



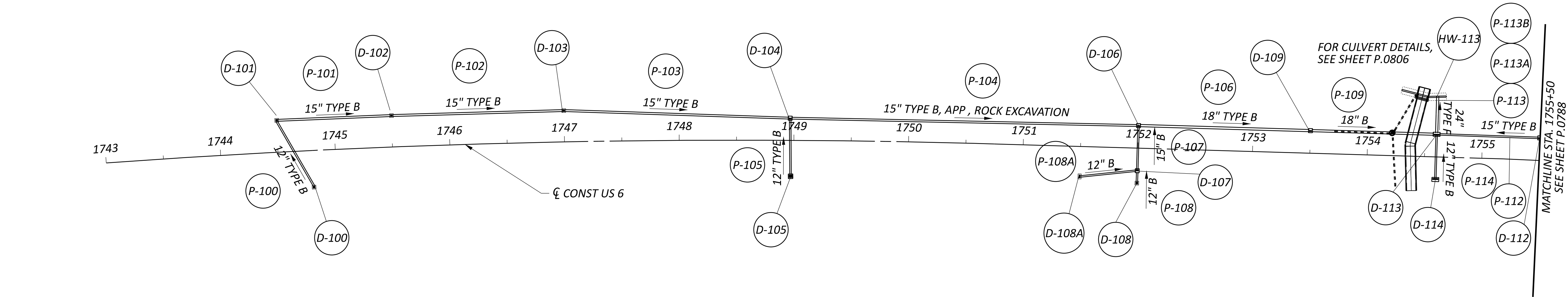




PROJECT SITE PLAN  
SR-2 STA. 1026+00.00 TO STA. 1065+50.00

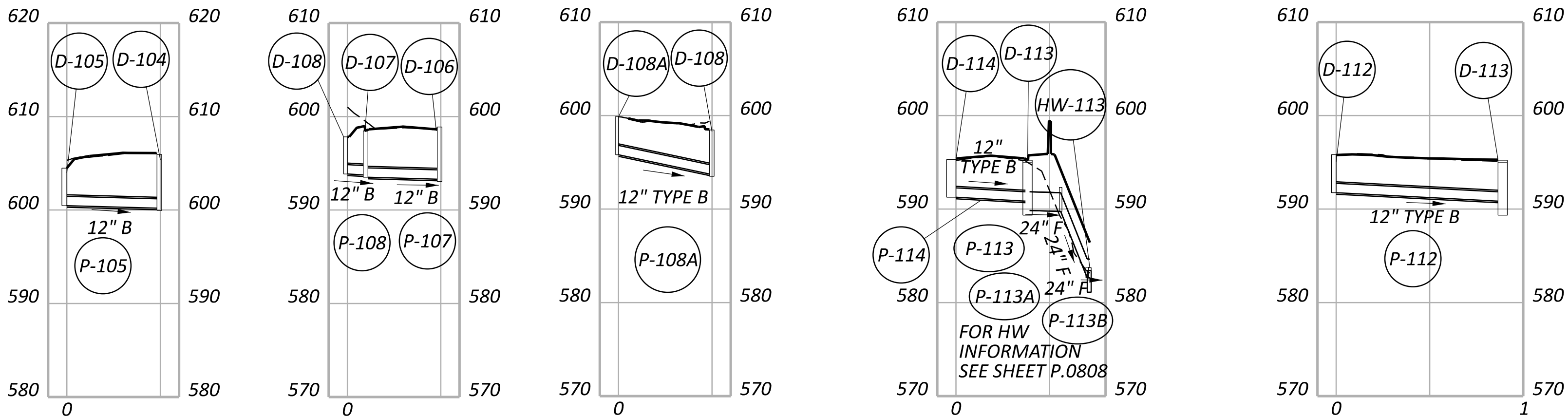
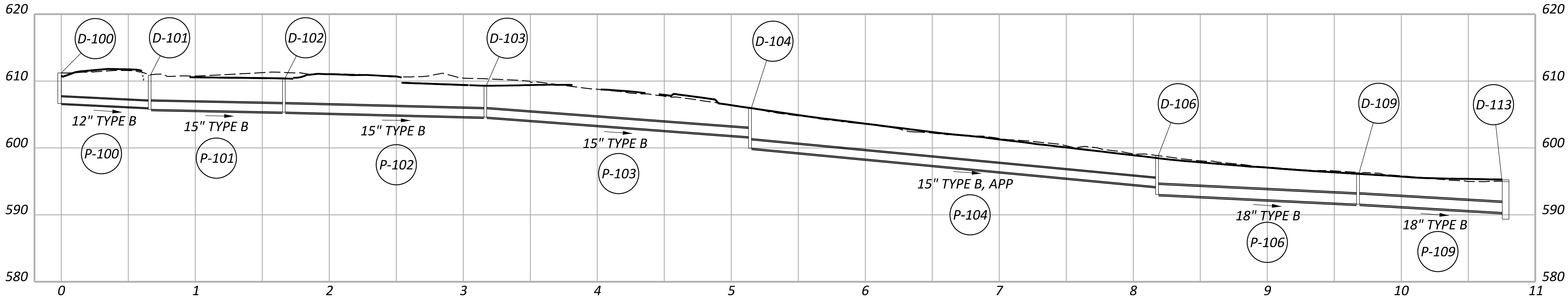
|                                                                          |       |
|--------------------------------------------------------------------------|-------|
| DESIGN AGENCY                                                            |       |
| TRANSYSTEMS<br>400 W. WATSONWIDE BLVD., STE. 225<br>COLUMBUS, OHIO 43215 |       |
| DESIGNER                                                                 |       |
| MHT                                                                      |       |
| REVIEWER                                                                 |       |
| GHM 07/30/25                                                             |       |
| PROJECT ID                                                               |       |
| 116570                                                                   |       |
| SHEET                                                                    | TOTAL |
| P.0355                                                                   | 1088  |





| DRAINAGE STRUCTURE DETAILS |                     |         |        |      |         |                 |              |                                                                                                                                                     |                      |
|----------------------------|---------------------|---------|--------|------|---------|-----------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| REF. NO.                   | REFERENCE ALIGNMENT | STATION | OFFSET | SIDE | TYPE    | GRATE/RIM ELEV. | INVERT ELEV. | CONNECTED PIPES                                                                                                                                     | EXISTING DISPOSITION |
| D-100                      | US 6                | 1744+80 | 32.00  | RT   | CB-2-2B | 610.15          | 606.65       | (OUT) P-100 N 12" 606.65                                                                                                                            |                      |
| D-101                      | US 6                | 1744+50 | 27.80  | LT   | CB-2-2B | 611.00          | 605.75       | (IN) P-100 S 12" 606.00, (OUT) P-101 E 15" 605.75                                                                                                   |                      |
| D-102                      | US 6                | 1745+50 | 27.38  | LT   | CB-2-2B | 610.30          | 605.35       | (IN) P-101 W 15" 605.35, (OUT) P-102 E 15" 605.35 (IN) UD-1 W 6" 608.96                                                                             |                      |
| D-103                      | US 6                | 1747+00 | 27.29  | LT   | CB-2-2B | 609.30          | 604.60       | (IN) P-102 W 15" 604.60, (OUT) P-103 E 15" 604.60, (IN) UD-3 S 6" 607.31                                                                            |                      |
| D-104                      | US 6                | 1748+97 | 19.33  | LT   | CB-3A   | 605.88          | 599.95       | (IN) P-103 W 15" 601.67, (IN) P-105 S 12" 600.20, (OUT) P-104 E 15" 599.95, (IN) UD-4 W 6" 603.37                                                   |                      |
| D-105                      | US 6                | 1748+97 | 31.32  | RT   | CB-5    | 604.46          | 600.46       | (OUT) P-105 N 12" 600.46, (IN) UD-2 W 6" 603.34                                                                                                     |                      |
| D-106                      | US 6                | 1752+00 | 19.71  | LT   | CB-3A   | 598.43          | 593.05       | (IN) P-104 W 15" 594.22, (IN) P-107 S 15" 593.30, (OUT) P-106 E 18" 593.05, (IN) UD-5 W 6" 595.88                                                   |                      |
| D-107                      | US 6                | 1752+00 | 20.00  | RT   | CB-3A   | 598.42          | 593.50       | (IN) P-108 S 12" 593.75, (IN) P-108A SW 12" 593.75, (OUT) P-107 N 15" 593.50, (IN) UD-6 W 6" 595.87                                                 |                      |
| D-108                      | US 6                | 1752+00 | 30.50  | RT   | CB-2-2B | 597.80          | 593.85       | (OUT) P-108 N 12" 593.85                                                                                                                            |                      |
| D-108A                     | US 6                | 1751+50 | 26.10  | RT   | CB-6    | 599.81          | 595.81       | (OUT) P-108A NE 12" 595.81                                                                                                                          |                      |
| D-109                      | US 6                | 1753+50 | 20.00  | LT   | CB-3A   | 596.06          | 591.60       | (IN) P-106 W 18" 591.60, (OUT) P-109 E 18" 591.60, (IN) UD-7 W 6" 593.51                                                                            |                      |
| D-112                      | US 6                | 1755+50 | 20.00  | LT   | CB-3A   | 595.81          | 591.75       | (OUT) P-112 W 12" 591.75, (IN) UD-13 E 6" 593.15                                                                                                    |                      |
| D-113                      | US 6                | 1754+60 | 20.00  | LT   | CB-3    | 595.22          | 589.85       | (IN) P-109 W 18" 590.35, (IN) P-112 E 12" 590.85, (IN) P-114 S 12" 590.85, (OUT) P-113 N 24" 589.85, (IN) UD-10 W 6" 592.65, (IN) UD-11 E 6" 592.65 |                      |
| D-114                      | US 6                | 1754+60 | 20.00  | RT   | CB-3    | 595.22          | 591.26       | (OUT) P-114 N 12" 591.26, (IN) UD-8 W 6" 592.66, (IN) UD-12 E 6" 592.65                                                                             |                      |
|                            |                     |         |        |      |         |                 |              |                                                                                                                                                     |                      |

| DRAINAGE CONDUIT DETAILS |             |      |        |        |                        |                    |                       |                   |                      |
|--------------------------|-------------|------|--------|--------|------------------------|--------------------|-----------------------|-------------------|----------------------|
| REF. NO.                 | LENGTH (FT) | SIZE | TYPE   | SLOPE  | START STRUCT. REF. NO. | START INVERT ELEV. | STOP STRUCT. REF. NO. | STOP INVERT ELEV. | EXISTING DISPOSITION |
| P-100                    | 67          | 12"  | B      | 0.97%  | D-100                  | 606.65             | D-101                 | 606.00            |                      |
| P-101                    | 100         | 15"  | B      | 0.40%  | D-101                  | 605.75             | D-102                 | 605.35            |                      |
| P-102                    | 150         | 15"  | B      | 0.50%  | D-102                  | 605.35             | D-103                 | 604.60            |                      |
| P-103                    | 198         | 15"  | B      | 1.48%  | D-103                  | 604.60             | D-104                 | 601.67            |                      |
| P-105                    | 51          | 12"  | B      | 0.51%  | D-105                  | 600.46             | D-104                 | 600.20            |                      |
| P-104                    | 304         | 15"  | B, APP | 1.88%  | D-104                  | 599.95             | D-106                 | 594.22            |                      |
| P-108                    | 10          | 12"  | B      | 1.00%  | D-108                  | 593.85             | D-107                 | 593.75            |                      |
| P-108A                   | 50          | 12"  | B      | 4.12%  | D-108A                 | 595.81             | D-107                 | 593.75            |                      |
| P-107                    | 40          | 15"  | B      | 0.50%  | D-107                  | 593.50             | D-106                 | 593.30            |                      |
| P-106                    | 150         | 18"  | B      | 0.97%  | D-106                  | 593.05             | D-109                 | 591.60            |                      |
| P-109                    | 110         | 18"  | B      | 1.14%  | D-109                  | 591.60             | D-113                 | 590.35            |                      |
| P-112                    | 90          | 12"  | B      | 1.00%  | D-112                  | 591.75             | D-113                 | 590.85            |                      |
| P-114                    | 40          | 12"  | B      | 1.02%  | D-114                  | 591.26             | D-113                 | 590.85            |                      |
| P-113                    | 7/4         | 24"  | B/F*   | 0.56%  | D-113                  | 589.85             | D-113A                | 589.75            |                      |
| P-113A                   | 15          | 24"  | F*     | 47.20% | D-113A                 | 589.75             | D-113B                | 582.67            |                      |
| P-113B                   | 1           | 24"  | F*     | 2.08%  | D-113B                 | 582.67             | HW-113                | 582.64            |                      |
|                          |             |      |        |        |                        |                    |                       |                   |                      |

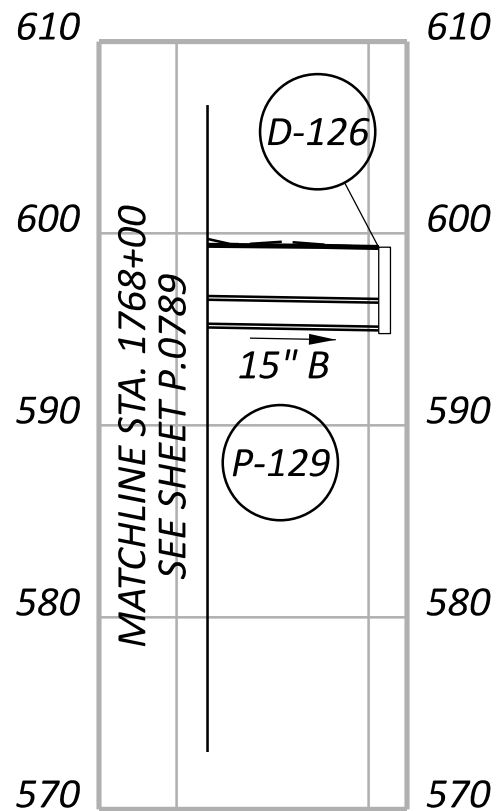
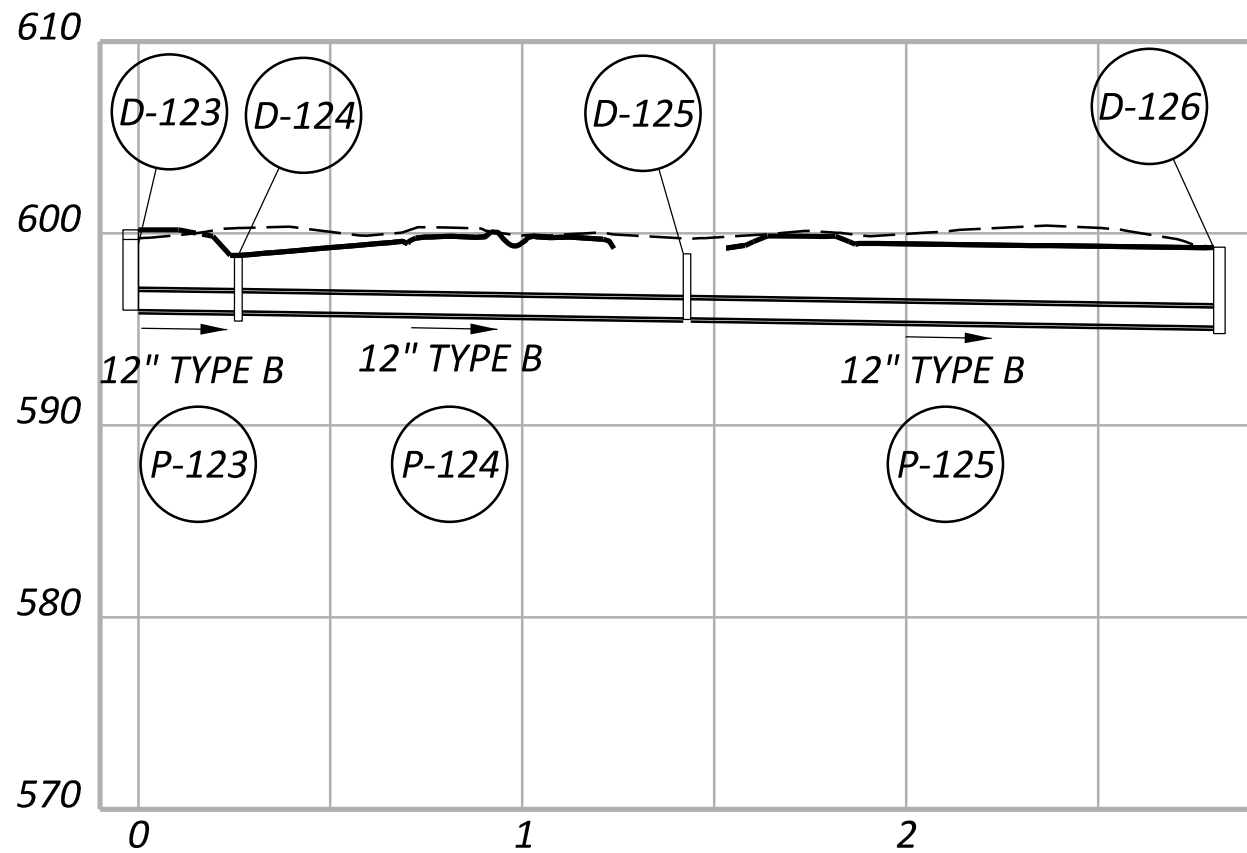
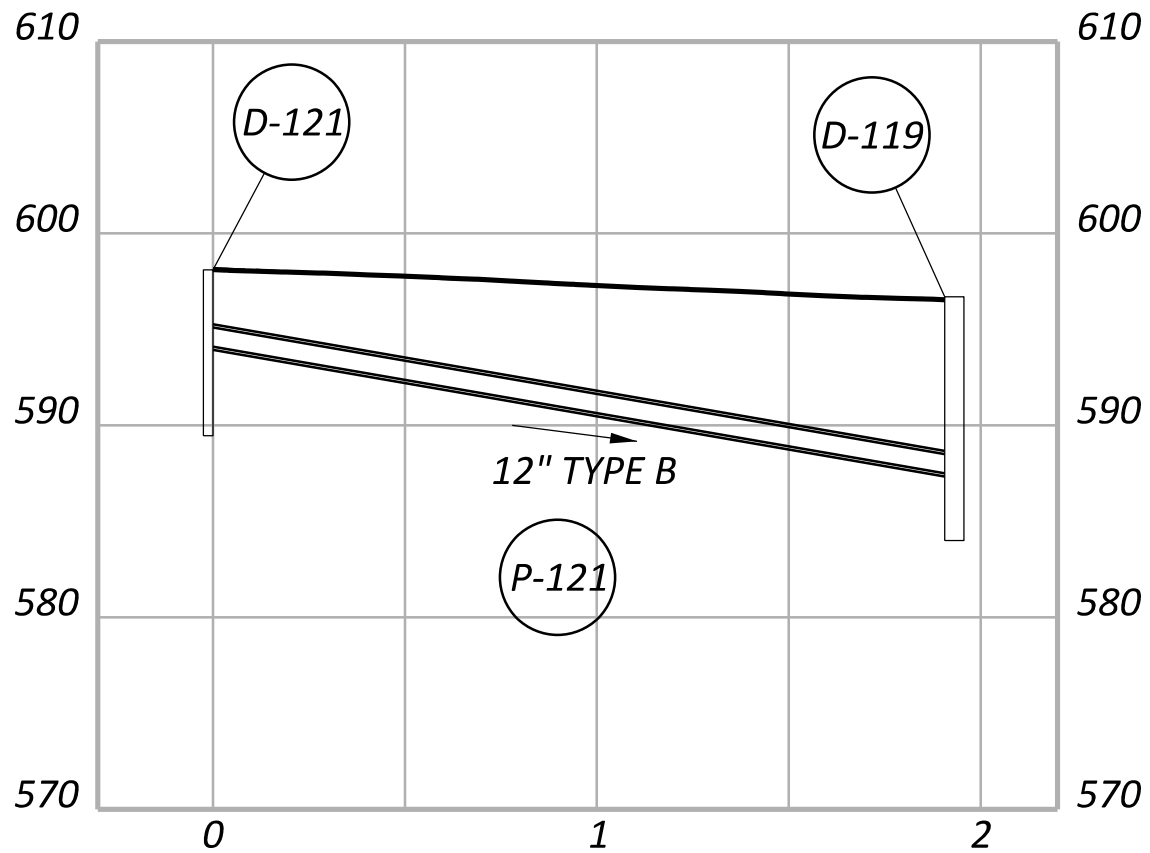
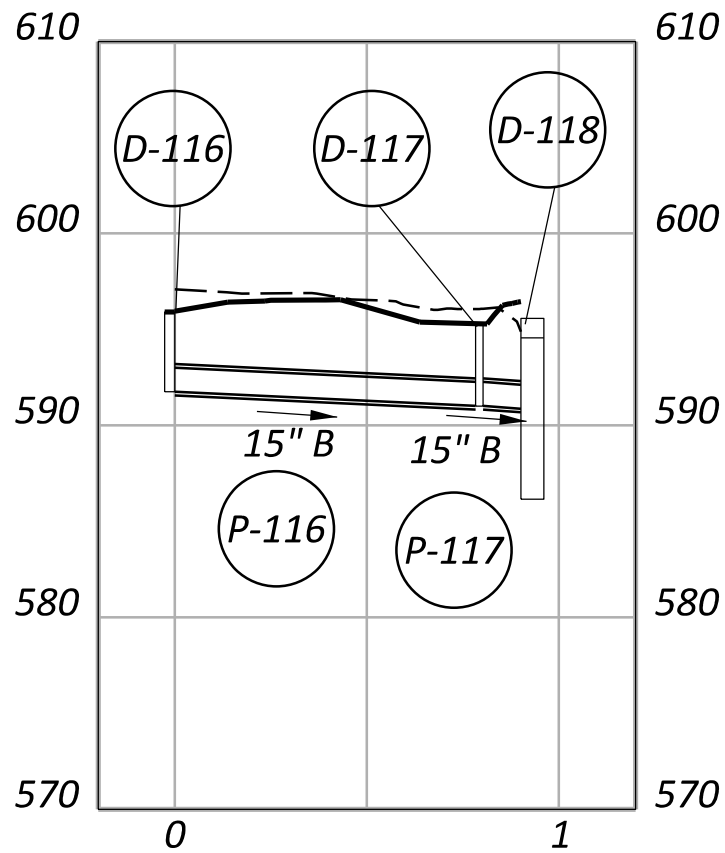


F\* 611, 24" CONDUIT, TYPE F  
707.05 TYPE C,  
707.21, OR 707.33  
FOR UNDERDRAIN DETAILS  
SEE SHEETS P.0321 - P.0326



| DRAINAGE STRUCTURE DETAILS |                     |         |        |      |         |                 |              |                                                                                                                                                  |
|----------------------------|---------------------|---------|--------|------|---------|-----------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| REF. NO.                   | REFERENCE ALIGNMENT | STATION | OFFSET | SIDE | TYPE    | GRATE/RIM ELEV. | INVERT ELEV. | CONNECTED PIPES                                                                                                                                  |
| D-116                      | US 6                | 1757+75 | 32.04  | RT   | CB-5    | 595.91          | 591.75       | (OUT) P-116 W 15" 591.75, (IN) UD-16 N 6" 594.31                                                                                                 |
| D-117                      | US 6                | 1756+95 | 32.00  | RT   | CB-2-2B | 595.26          | 591.01       | (IN) P-116 E 15" 591.01, (OUT) P-117 N 15" 591.01, (IN) UD-14 E 6" 593.65                                                                        |
| D-118                      | US 6                | 1756+94 | 18.22  | RT   | MH-3    | 595.58          | 586.10       | (OUT) P-122 NE 42" 586.10, (IN) P-117 S 15" 590.87                                                                                               |
| D-119                      | US 6                | 1757+00 | 20.00  | LT   | CB-3    | 596.6           | 585.20       | (OUT) P-118 E 12" 589.46, (IN) UD-15 E 6" 593.88 (IN) P-118 SW 42" 585.23                                                                        |
| D-121                      | US 6                | 1759+00 | 20.00  | LT   | CB-3A   | 597.93          | 594.10       | (OUT) P-119 NE 42" 585.23, (IN) UD-17 E 6" 595.51                                                                                                |
| D-123                      | US 6                | 1764+88 | 6.80   | RT   | MH-3    | 600.18          | 596.01       | (IN) EX. 8" W 596.71, (IN) EX. 8" SW 596.01, (IN) EX. 12" S 596.50, (OUT) P-123 SE 12" 596.01                                                    |
| D-124                      | US 6                | 1765+00 | 32.00  | RT   | CB-2-2B | 598.85          | 595.93       | (IN) P-123 NW 12" 595.93, (OUT) P-124 E 12" 595.93, (IN) UD-20 N 6" 596.41                                                                       |
| D-125                      | US 6                | 1766+15 | 32.00  | RT   | CB-2-2B | 598.82          | 595.57       | (IN) P-124 W 12" 595.57, (OUT) P-125 E 12" 595.57, (IN) UD-21 N 6" 597.21                                                                        |
| D-126                      | US 6                | 1767+54 | 31.90  | RT   | CB-2-3  | 599.26          | 595.14       | (IN) EX. 15" S 595.71, (IN) EX. 4" SE 595.94, (IN) P-125 W 12" 595.14, (IN) P-129 E 15" 595.14, (OUT) P-126 NE 24" 595.14 (IN) UD-23 E 6" 597.10 |
|                            |                     |         |        |      |         |                 |              |                                                                                                                                                  |

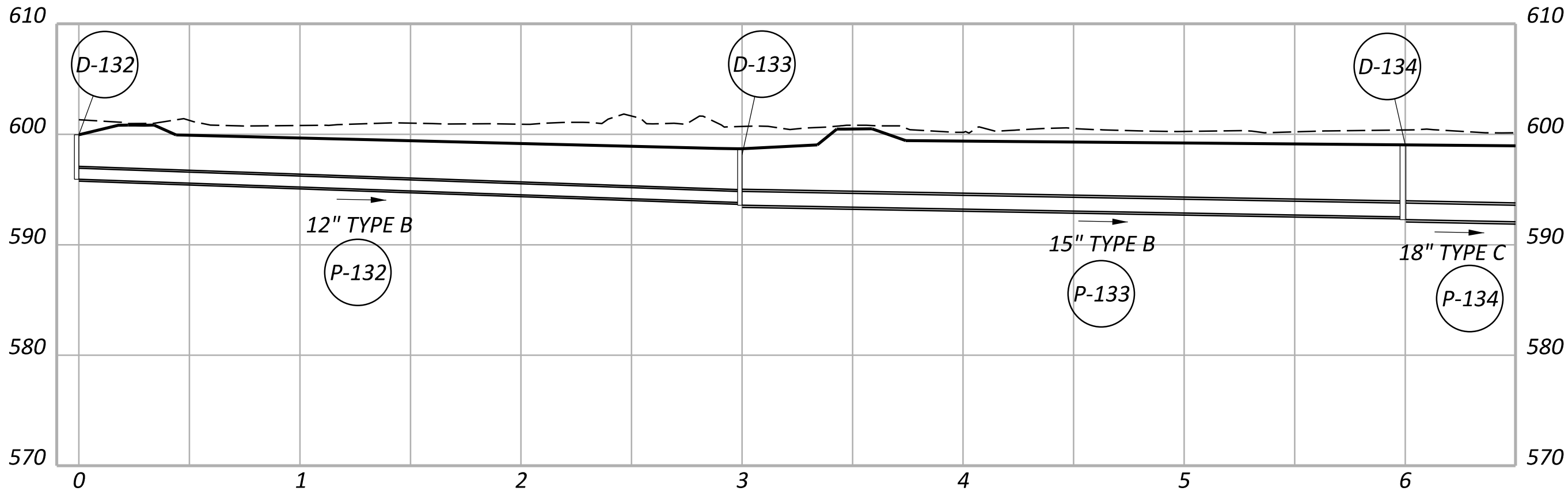
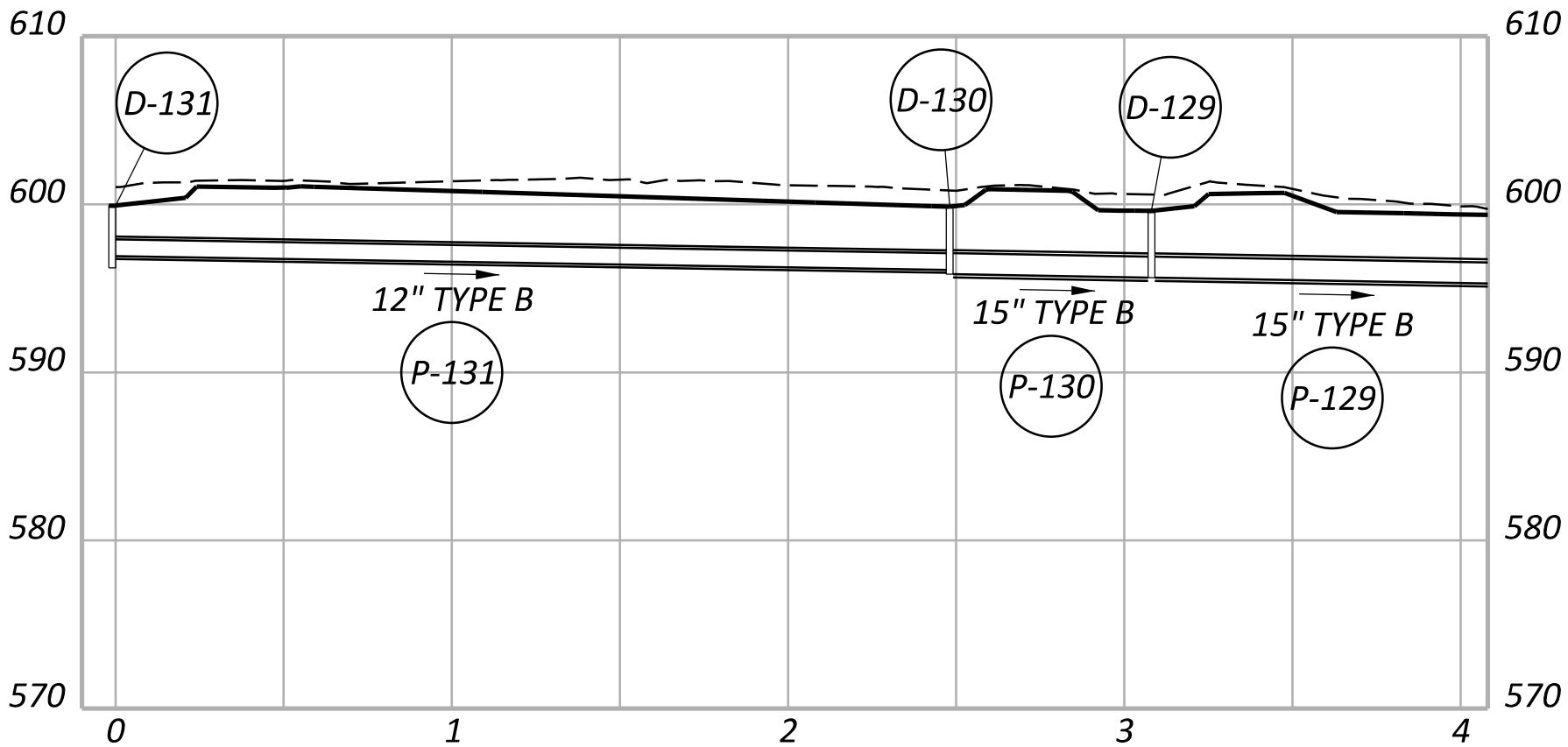
| DRAINAGE CONDUIT DETAILS |             |      |          |           |                        |                    |                       |                   |                      |
|--------------------------|-------------|------|----------|-----------|------------------------|--------------------|-----------------------|-------------------|----------------------|
| REF. NO.                 | LENGTH (FT) | SIZE | TYPE     | SLOPE     | START STRUCT. REF. NO. | START INVERT ELEV. | STOP STRUCT. REF. NO. | STOP INVERT ELEV. | EXISTING DISPOSITION |
| P-116                    | 81          | 15"  | B        | 0.91%     | D-116                  | 591.75             | D-117                 | 591.01            |                      |
| P-117                    | 14          | 15"  | B        | 1.00%     | D-117                  | 591.01             | D-118                 | 590.87            |                      |
| P-121                    | 191         | 12"  | B        | 3.46%     | D-121                  | 594.10             | D-122                 | 587.50            |                      |
| P-123                    | 28          | 12"  | B        | 0.29%     | D-123                  | 596.01             | D-124                 | 595.93            |                      |
| P-124                    | 117         | 12"  | B        | 0.31%     | D-124                  | 595.93             | D-125                 | 595.57            |                      |
| P-125                    | 138         | 12"  | B        | 0.31%     | D-125                  | 595.57             | D-126                 | 595.14            |                      |
| P-126                    | 96          | 24"  | B        | 0.25%     | D-126                  | 595.14             | HW-128                | 594.90            |                      |
| P-118A                   | 5           | 18"  | B-706.02 | MATCH EX. | EX.                    | MATCH EX.          | D-118                 | 587.67            |                      |
| P-123A                   | 5           | 12"  | B-707.33 | MATCH EX. | EX.                    | MATCH EX.          | D-123                 | 596.01            |                      |
| P-123B                   | 5           | 8"   | B-707.31 | MATCH EX. | EX.                    | MATCH EX.          | D-123                 | 596.71            |                      |
| P-123C                   | 5           | 8"   | B-707.31 | MATCH EX. | EX.                    | MATCH EX.          | D-123                 | 596.01            |                      |
| P-126A                   | 5           | 15"  | B-707.42 | MATCH EX. | EX.                    | MATCH EX.          | D-126                 | 595.71            |                      |
| P-126B                   | 5           | 4"   | B-707.31 | MATCH EX. | EX.                    | MATCH EX.          | D-126                 | 595.94            |                      |
|                          |             |      |          |           |                        |                    |                       |                   |                      |



FOR D-118, D-119, HW-119 PROFILE  
SEE SHEET P.0811

FOR UNDERDRAIN DETAILS  
SEE SHEET P.0321 - P.0326





| DRAINAGE STRUCTURE DETAILS |                     |         |        |      |         |                 |              |                                                                           |                      |
|----------------------------|---------------------|---------|--------|------|---------|-----------------|--------------|---------------------------------------------------------------------------|----------------------|
| REF. NO.                   | REFERENCE ALIGNMENT | STATION | OFFSET | SIDE | TYPE    | GRATE/RIM ELEV. | INVERT ELEV. | CONNECTED PIPES                                                           | EXISTING DISPOSITION |
| D-129                      | US 6                | 1769+00 | 32.00  | RT   | CB-2-2B | 599.61          | 595.64       | (IN) P-130 E 15" 595.64, (OUT) P-129 W 15" 595.64, (IN) UD-24 N 6" 598.00 |                      |
| D-130                      | US 6                | 1769+60 | 32.00  | RT   | CB-2-2B | 599.86          | 595.84       | (IN) P-131 E 12" 596.09, (OUT) P-129 W 15" 595.84                         |                      |
| D-131                      | US 6                | 1772+10 | 32.00  | RT   | CB-2-2B | 599.92          | 596.92       | (OUT) P-131 W 12" 596.92                                                  |                      |
| D-132                      | US 6                | 1774+00 | 32.00  | RT   | CB-2-2B | 599.93          | 595.93       | (OUT) P-132 E 12" 595.93                                                  |                      |
| D-133                      | US 6                | 1777+00 | 32.00  | RT   | CB-2-2B | 598.69          | 593.58       | (IN) P-132 W 12" 593.83, (OUT) P-133 E 15" 593.58, (IN) UD-26 N 6" 597.37 |                      |
| D-134                      | US 6                | 1780+00 | 32.00  | RT   | CB-5    | 599.04          | 592.28       | (IN) P-133 W 15" 592.53, (OUT) P-134 E 18" 592.28, (IN) UD-28 N 6" 597.43 |                      |

| DRAINAGE CONDUIT DETAILS |             |      |      |       |                        |                    |                       |                   |                      |
|--------------------------|-------------|------|------|-------|------------------------|--------------------|-----------------------|-------------------|----------------------|
| REF. NO.                 | LENGTH (FT) | SIZE | TYPE | SLOPE | START STRUCT. REF. NO. | START INVERT ELEV. | STOP STRUCT. REF. NO. | STOP INVERT ELEV. | EXISTING DISPOSITION |
| P-129                    | 146         | 15"  | B    | 0.34% | 129                    | 595.64             | 126                   | 595.14            |                      |
| P-130                    | 60          | 15"  | B    | 0.33% | 130                    | 595.84             | 129                   | 595.64            |                      |
| P-131                    | 249         | 12"  | B    | 0.33% | 131                    | 596.92             | 130                   | 596.09            |                      |
| P-132                    | 300         | 12"  | B    | 0.70% | 132                    | 595.93             | 133                   | 593.83            |                      |
| P-133                    | 300         | 15"  | B    | 0.35% | 133                    | 593.58             | 134                   | 592.53            |                      |
| P-134                    | 300         | 18"  | C    | 0.40% | 134                    | 592.28             | 135                   | 591.08            |                      |

FOR UNDERDRAIN DETAILS  
SEE SHEET P.0321 - P.0326

STORM SEWER PROFILES  
US 6

DESIGN AGENCY  
**TRANSYSTEMS**  
400 W. WATSON BLVD., STE. 225  
COLUMBUS, OHIO 43215

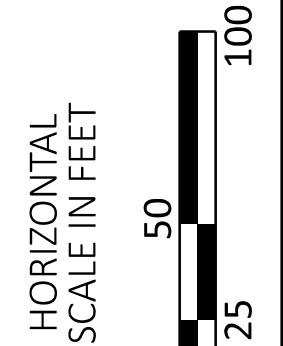
DESIGNER  
**MHT**

REVIEWER  
**GHM 07/30/25**

PROJECT ID  
**116570**

SHEET  
**P.0789**

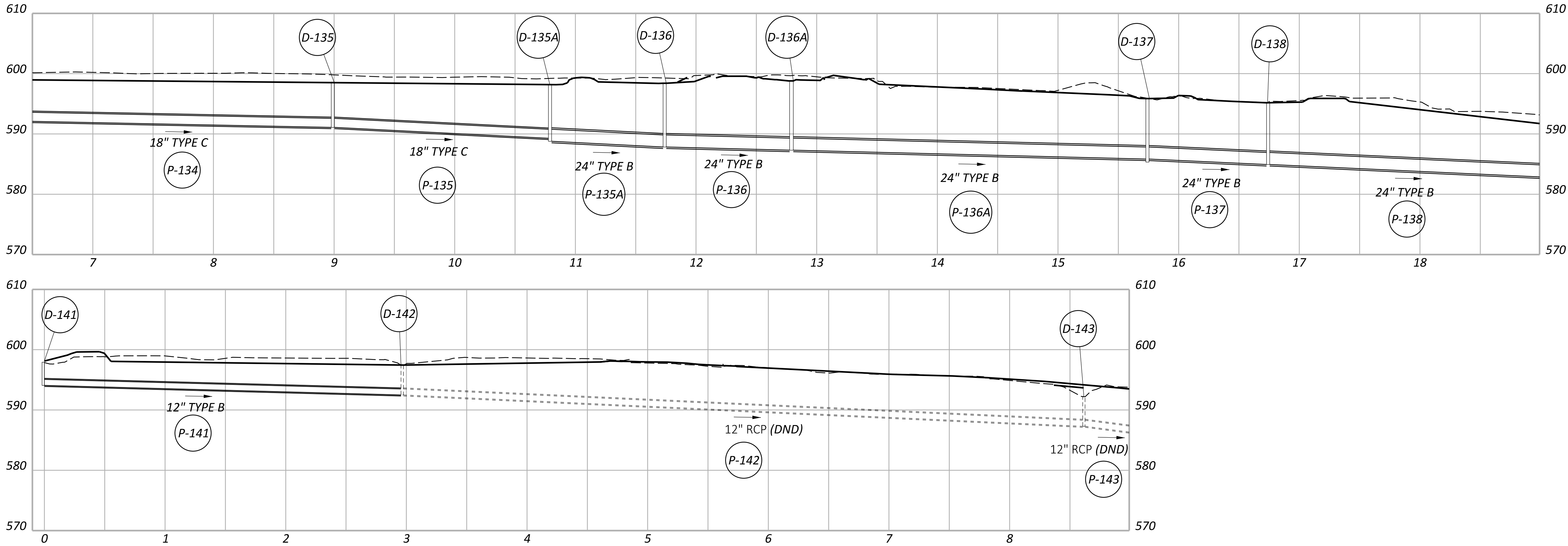
TOTAL  
**1088**



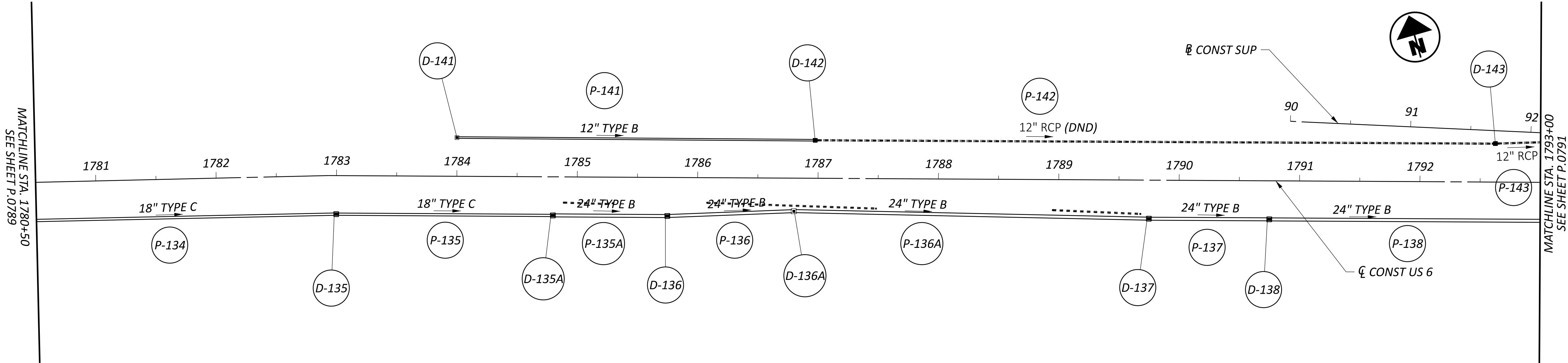


| DRAINAGE STRUCTURE DETAILS |                     |         |        |      |             |                 |              |                                                                                                                              |                      |
|----------------------------|---------------------|---------|--------|------|-------------|-----------------|--------------|------------------------------------------------------------------------------------------------------------------------------|----------------------|
| REF. NO.                   | REFERENCE ALIGNMENT | STATION | OFFSET | SIDE | TYPE        | GRATE/RIM ELEV. | INVERT ELEV. | CONNECTED PIPES                                                                                                              | EXISTING DISPOSITION |
| D-135                      | US 6                | 1783+00 | 32.00  | RT   | CB-5        | 598.59          | 591.08       | (IN) P-134 W 18" 591.08, (OUT) P-135 E 18" 591.08, (IN) UD-29 N 6" 596.98                                                    |                      |
| D-135A                     | US 6                | 1784+80 | 32.00  | RT   | CB-5        | 598.48          | 588.78       | (IN) P-135 W 18" 589.28, (OUT) P-135A E 24" 588.78                                                                           |                      |
| D-136                      | US 6                | 1785+75 | 32.00  | RT   | CB-5        | 598.36          | 587.83       | (IN) P-135A W 24" 587.83, (OUT) P-136 E 24" 587.83, (IN) UD-30 N 6" 596.75                                                   |                      |
| D-136A                     | US 6                | 1786+80 | 27.40  | RT   | CB-2-3      | 598.79          | 587.31       | (IN) P-136 W 24" 587.31, (OUT) P-136A E 24" 587.31                                                                           |                      |
| D-137                      | US 6                | 1789+75 | 32.00  | RT   | CB-5        | 595.68          | 585.84       | (IN) P-136A W 24" 585.84, (OUT) P-137 E 24" 585.84, (IN) UD-32 N 6" 594.57                                                   |                      |
| D-138                      | US 6                | 1790+75 | 32.00  | RT   | CB-5        | 595.13          | 584.93       | (IN) P-137 W 24" 584.93, (OUT) P-138 E 24" 584.93                                                                            |                      |
| D-141                      | US 6                | 1784+00 | 32.10  | LT   | CB-2-2B     | 598.07          | 594.07       | (OUT) P-141 E 12" 594.07, (IN) UD-164 N 6" 597.12, (IN) UD-27 S 6" 596.88                                                    |                      |
| D-142                      | US 6                | 1786+97 | 31.60  | LT   | EX. CB-2-2B | 597.45          | 592.49       | (IN) P-141 W 12" 592.49, (IN) EX. 4" N 593.24, (OUT) P-142 E EX. 12" 592.49, (IN) UD-165 N 6" 596.66, (IN) UD-31 S 6" 596.45 | ATG                  |
| D-143                      | US 6                | 1792+62 | 31.94  | LT   | EX. CB-2-2B | 592.68          | 587.29       | (IN) P-142 W EX. 12" 587.29, (OUT) P-143 E EX. 12" 587.29, (IN) UD-33 E 6" 584.58                                            | ATG, APP             |

| DRAINAGE CONDUIT DETAILS |             |      |         |       |                        |                    |                       |                   |                      |
|--------------------------|-------------|------|---------|-------|------------------------|--------------------|-----------------------|-------------------|----------------------|
| REF. NO.                 | LENGTH (FT) | SIZE | TYPE    | SLOPE | START STRUCT. REF. NO. | START INVERT ELEV. | STOP STRUCT. REF. NO. | STOP INVERT ELEV. | EXISTING DISPOSITION |
| P-135                    | 180         | 18"  | C       | 1.00% | 135                    | 591.08             | 135A                  | 589.28            |                      |
| P-135A                   | 95          | 24"  | B       | 1.00% | 135A                   | 588.78             | 136                   | 587.83            |                      |
| P-136                    | 105         | 24"  | B       | 0.50% | 136                    | 587.83             | 136A                  | 587.31            |                      |
| P-136A                   | 295         | 24"  | B       | 0.50% | 136A                   | 587.31             | 137                   | 585.84            |                      |
| P-137                    | 100         | 24"  | B       | 0.91% | 137                    | 585.84             | 138                   | 584.93            |                      |
| P-138                    | 265         | 24"  | B       | 0.91% | 138                    | 584.93             | 139                   | 582.52            |                      |
| P-141                    | 298         | 12"  | B       | 0.53% | 141                    | 594.07             | 142                   | 592.49            |                      |
| P-142                    | 565         | 12"  | EX. RCP | 0.92% | 142                    | 592.49             | 143                   | 587.29            | DND                  |
| P-143                    | 271         | 12"  | EX. RCP | 2.58% | 143                    | 587.29             | 144                   | 580.29            | DND                  |



FOR UNDERDRAIN DETAILS  
SEE SHEET P.0321 - P.0326



STORM SEWER PROFILES  
US 6

DESIGN AGENCY

TRANSYSTEMS  
400 W. WATSON BLVD., STE. 225  
COLUMBUS, OHIO 43215

DESIGNER

MHT

REVIEWER

GHM 07/30/25

PROJECT ID

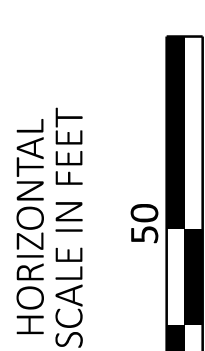
116570

SHEET

P.0790

TOTAL

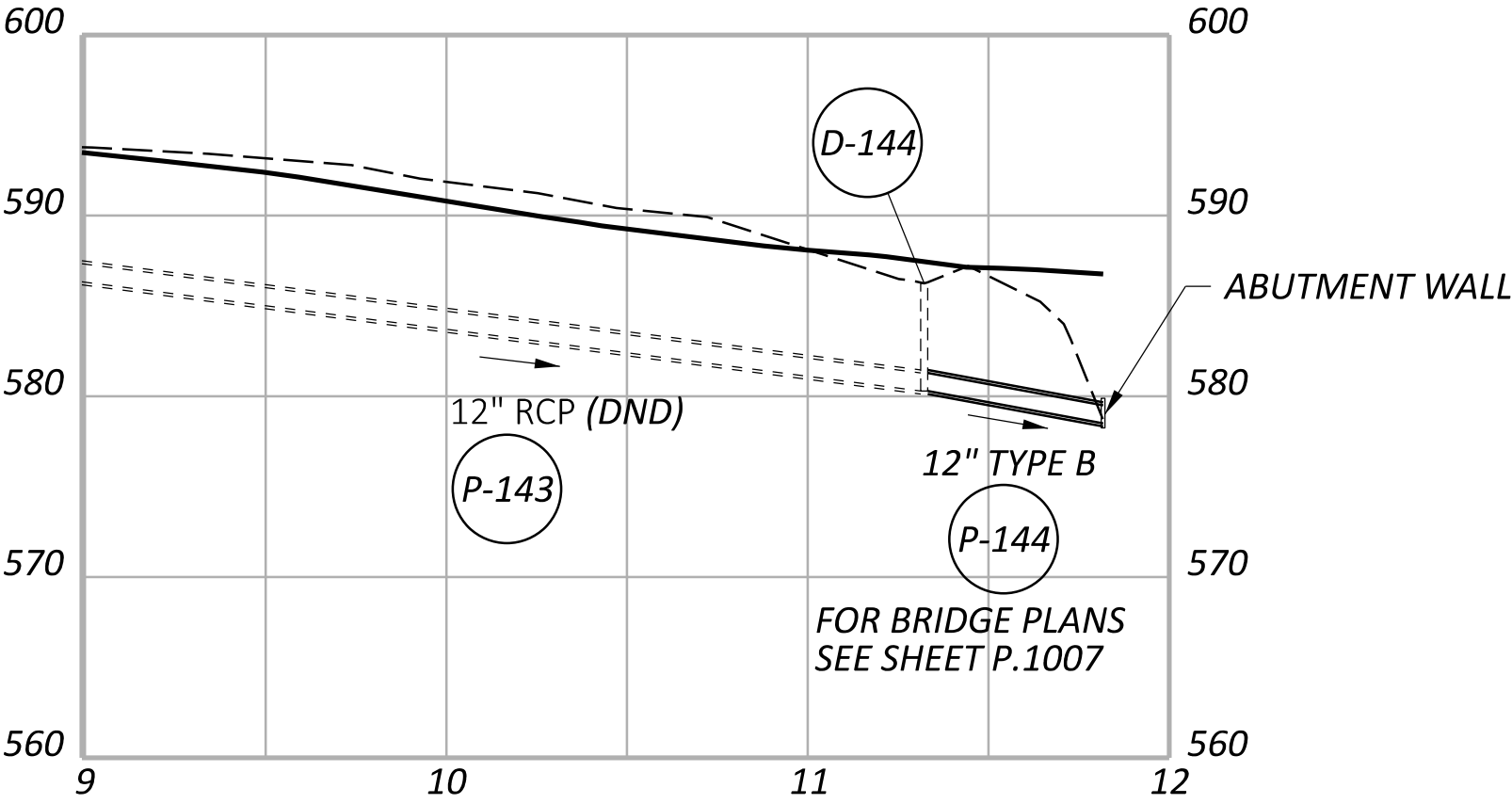
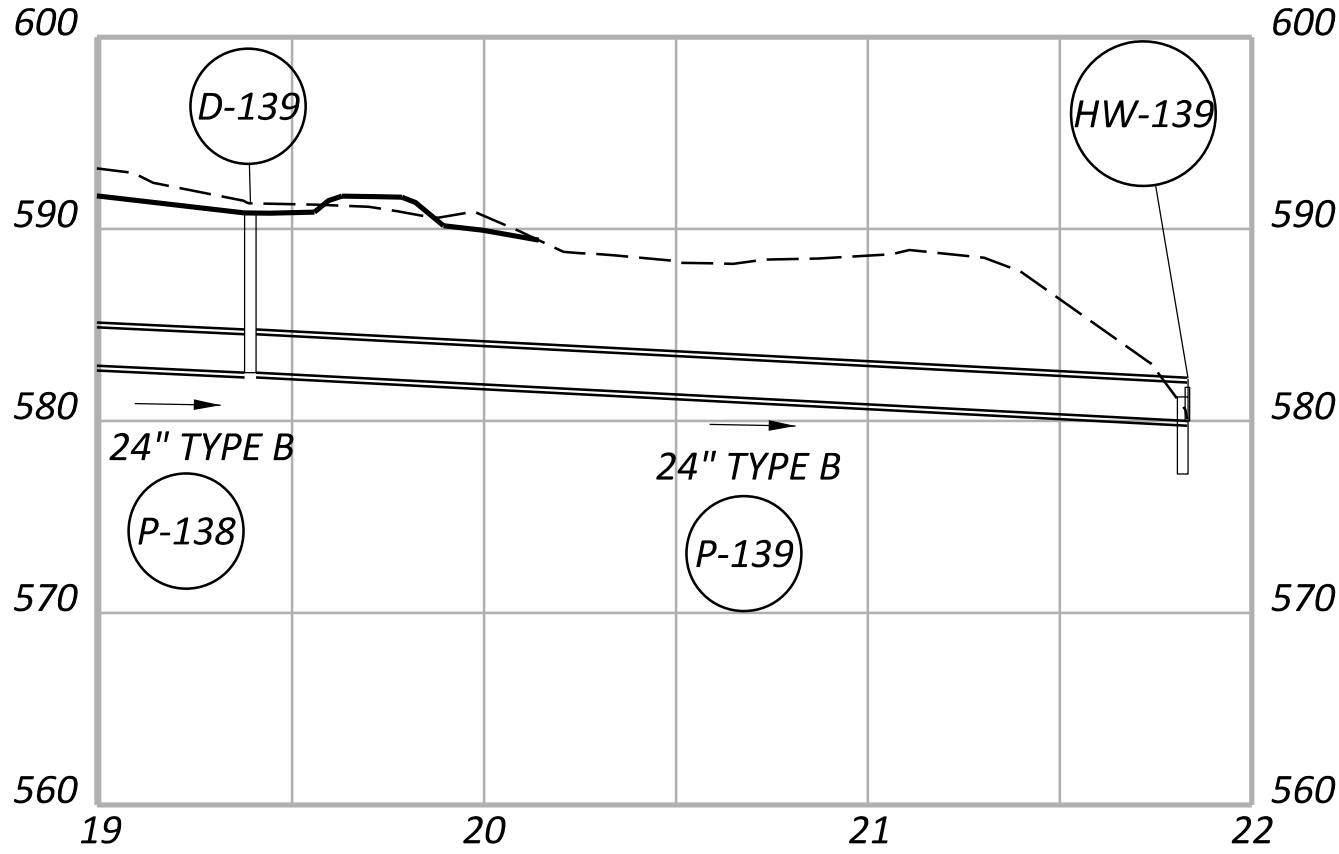
1088





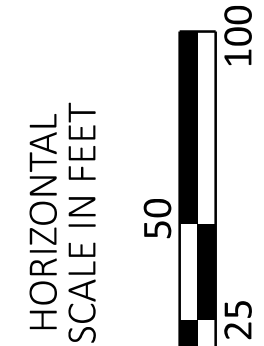
| DRAINAGE STRUCTURE DETAILS |                     |         |        |      |             |                 |              |                                                                                                         |                      |
|----------------------------|---------------------|---------|--------|------|-------------|-----------------|--------------|---------------------------------------------------------------------------------------------------------|----------------------|
| REF. NO.                   | REFERENCE ALIGNMENT | STATION | OFFSET | SIDE | TYPE        | GRATE/RIM ELEV. | INVERT ELEV. | CONNECTED PIPES                                                                                         | EXISTING DISPOSITION |
| D-139                      | US 6                | 1793+40 | 32.00  | RT   | CB-2-3      | 591.28          | 582.52       | (IN) P-138 W 24" 582.52, (OUT) P-139 E 24" 582.52, (IN) UD-34 E 6" 590.03                               |                      |
| D-144                      | US 6                | 1795+37 | 29.50  | LT   | EX. CB-2-2B | 586.26          | 580.29       | (IN) P-143 W EX. 12" 580.29, (OUT) P-144 E 12" 580.29, (IN) UD-166 N 6" 584.71, (IN) UD-35 SW 6" 585.66 | ATG, APP             |
|                            |                     |         |        |      |             |                 |              |                                                                                                         |                      |
|                            |                     |         |        |      |             |                 |              |                                                                                                         |                      |
|                            |                     |         |        |      |             |                 |              |                                                                                                         |                      |
|                            |                     |         |        |      |             |                 |              |                                                                                                         |                      |

| DRAINAGE CONDUIT DETAILS |             |      |      |       |                        |                    |                       |                   |                      |
|--------------------------|-------------|------|------|-------|------------------------|--------------------|-----------------------|-------------------|----------------------|
| REF. NO.                 | LENGTH (FT) | SIZE | TYPE | SLOPE | START STRUCT. REF. NO. | START INVERT ELEV. | STOP STRUCT. REF. NO. | STOP INVERT ELEV. | EXISTING DISPOSITION |
| P-139                    | 244         | 24"  | B    | 1.03% | D-139                  | 582.52             | HW-139                | 580.00            |                      |
| P-144                    | 50          | 12"  | B    | 3.58% | D-144                  | 580.29             | ABUTMENT WALL         | 578.50            |                      |
|                          |             |      |      |       |                        |                    |                       |                   |                      |



FOR UNDERDRAIN DETAILS  
SEE SHEET P.0321 - P.0326

STORM SEWER PROFILES  
US 6



DESIGN AGENCY

DESIGNER

REVIEWER

PROJECT ID

SHEET

TOTAL

TRANSYSTEMS

MHT

GHM 07/30/25

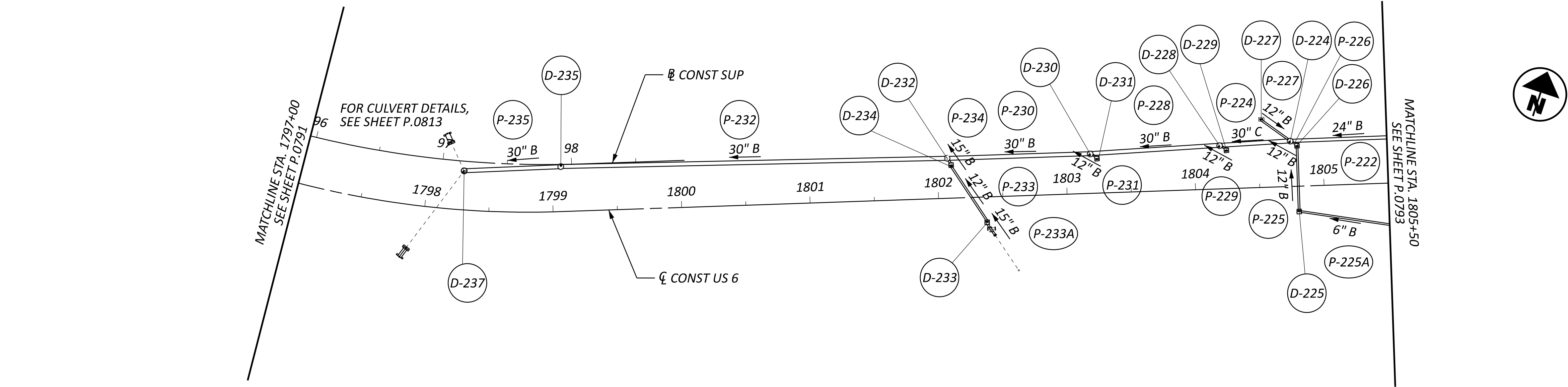
116570

P.0791

1088

400 W. WATSONWIDE BLVD., STE. 225  
COLUMBUS, OHIO 43215

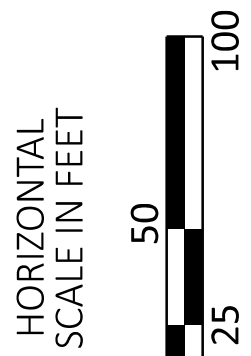
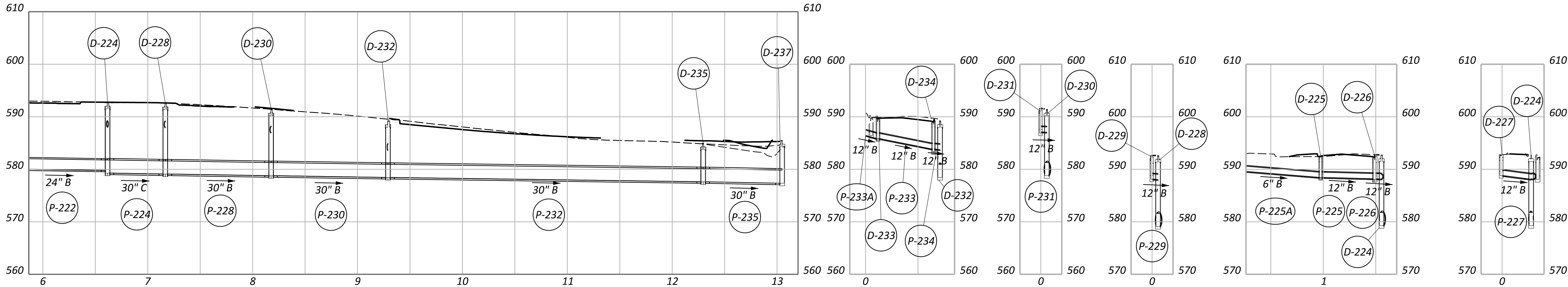




| DRAINAGE STRUCTURE DETAILS |                     |         |        |      |          |                 |              |                                                                                                                             |                      |
|----------------------------|---------------------|---------|--------|------|----------|-----------------|--------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------|
| REF. NO.                   | REFERENCE ALIGNMENT | STATION | OFFSET | SIDE | TYPE     | GRATE/RIM ELEV. | INVERT ELEV. | CONNECTED PIPES                                                                                                             | EXISTING DISPOSITION |
| D-237                      | US 6                | 1798+27 | 30.30  | LT   | EX. MH-3 | 584.25          | 577.35       | (IN) P-235 E 30" 577.35, (IN) EX. 36" SW 576.90, (OUT) EX. 36" NW 576.85, (IN) UD-167 NW 6" 582.69, (IN) UD-44 SW 6" 582.53 | ATG                  |
| D-235                      | US 6                | 1799+07 | 35.00  | LT   | MH-3     | 585.00          | 577.62       | (IN) P-232 E 30" 577.62, (OUT) P-235 NW 30" 577.62, (IN) UD-168 NW 6" 583.00, (IN) UD-45 E 6" 582.94                        |                      |
| D-232                      | US 6                | 1802+08 | 31.10  | LT   | EX. MH-3 | 589.25          | 578.44       | (IN) P-230 E 30" 578.44, (IN) P-234 SE 12" 585.03, (OUT) P-232 W 30" 578.44                                                 | ATG                  |
| D-234                      | US 6                | 1802+11 | 26.00  | LT   | CB-3A    | 589.02          | 585.09       | (IN) P-233 SE 12" 585.34, (OUT) P-234 NW 12" 585.09, (IN) UD-48 E 6" 586.45                                                 |                      |
| D-233                      | US 6                | 1802+37 | 20.00  | RT   | CB-3A    | 589.54          | 585.85       | (IN) P-233A SE 12" 585.85, (OUT) P-233 NW 12" 585.85, (IN) UD-50 E 6" 586.82                                                |                      |
| D-230                      | US 6                | 1803+19 | 30.60  | LT   | MH-3     | 591.43          | 578.78       | (IN) P-228 E 30" 578.78, (IN) P-231 SE 12" 587.07, (OUT) P-230 W 30" 578.78                                                 |                      |
| D-231                      | US 6                | 1803+24 | 27.20  | LT   | CB-3A    | 591.08          | 587.10       | (OUT) P-231 NW 12" 587.10, (IN) UD-51 E 6" 588.38                                                                           |                      |
| D-228                      | US 6                | 1804+20 | 33.60  | LT   | MH-3     | 592.62          | 579.10       | (IN) P-224 E 30" 579.10, (IN) P-229 SE 12" 588.07, (OUT) P-228 W 30" 579.10                                                 |                      |
| D-229                      | US 6                | 1804+25 | 30.20  | LT   | CB-3A    | 592.11          | 588.13       | (OUT) P-229 NW 12" 588.13, (IN) UD-52 E 6" 589.35                                                                           |                      |
| D-227                      | US 6                | 1804+53 | 52.90  | LT   | CB-6     | 592.80          | 588.81       | (OUT) P-227 SE 12" 588.81                                                                                                   |                      |
| D-224                      | US 6                | 1804+75 | 35.20  | LT   | MH-3     | 592.75          | 579.27       | (IN) P-222 E 24" 579.77, (IN) P-226 SE 12" 588.15, (IN) P-227 NW 12" 588.15, (OUT) P-224 W 30" 579.27                       |                      |
| D-226                      | US 6                | 1804+80 | 31.80  | LT   | CB-3A    | 592.23          | 588.18       | (IN) P-225 S 12" 588.19, (OUT) P-226 NW 12" 588.18, (IN) UD-53 E 6" 589.64                                                  |                      |
| D-225                      | US 6                | 1804+80 | 20.00  | RT   | CB-3A    | 592.42          | 588.44       | (IN) P-225A SE 6" 588.94, (OUT) P-225 N 12" 588.44, (IN) UD-54 E 6" 589.83                                                  |                      |

| DRAINAGE CONDUIT DETAILS |             |      |      |       |                        |                    |                       |                   |                      |
|--------------------------|-------------|------|------|-------|------------------------|--------------------|-----------------------|-------------------|----------------------|
| REF. NO.                 | LENGTH (FT) | SIZE | TYPE | SLOPE | START STRUCT. REF. NO. | START INVERT ELEV. | STOP STRUCT. REF. NO. | STOP INVERT ELEV. | EXISTING DISPOSITION |
| P-235                    | 75          | 30"  | B    | 0.36% | D-235                  | 577.62             | D-237                 | 577.35            |                      |
| P-232                    | 300         | 30"  | B    | 0.27% | D-232                  | 578.44             | D-235                 | 577.62            |                      |
| P-234                    | 6           | 15"  | B    | 0.98% | D-234                  | 585.09             | D-232                 | 585.03            |                      |
| P-233                    | 52          | 12"  | B    | 0.98% | D-233                  | 585.85             | D-234                 | 585.34            |                      |
| P-233A                   | 12          | 12"  | B    | 5.13% | D-233A                 | 586.45             | D-233                 | 585.85            |                      |
| P-230                    | 111         | 30"  | B    | 0.31% | D-230                  | 578.78             | D-232                 | 578.44            |                      |
| P-231                    | 6           | 12"  | B    | 0.50% | D-231                  | 587.10             | D-230                 | 587.07            |                      |
| P-228                    | 101         | 30"  | B    | 0.32% | D-228                  | 579.10             | D-230                 | 578.78            |                      |
| P-229                    | 6           | 12"  | B    | 1.00% | D-229                  | 588.13             | D-228                 | 588.07            |                      |
| P-224                    | 55          | 30"  | B    | 0.31% | D-224                  | 579.27             | D-228                 | 579.10            |                      |
| P-227                    | 28          | 12"  | B    | 2.36% | D-227                  | 588.81             | D-224                 | 588.15            |                      |
| P-226                    | 6           | 12"  | B    | 0.50% | D-226                  | 588.18             | D-224                 | 588.15            |                      |
| P-225                    | 51          | 12"  | B    | 0.50% | D-225                  | 588.44             | D-226                 | 588.19            |                      |

FOR UNDERDRAIN DETAILS  
SEE SHEET P.0321 - P.0326



STORM SEWER PROFILES  
US 6

DESIGN AGENCY  
**TRANSYSTEMS**  
400 W. WATSON BLVD., STE. 225  
COLUMBUS, OHIO 43215

DESIGNER  
**MHT**

REVIEWER

GHM 07/30/25

PROJECT ID

116570

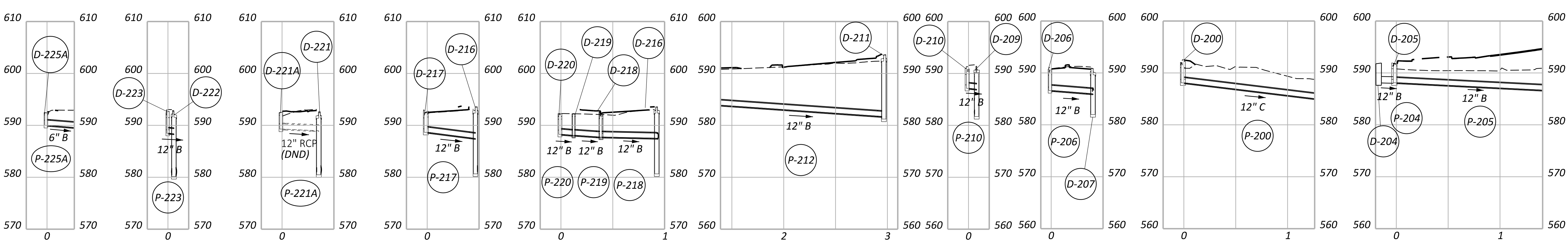
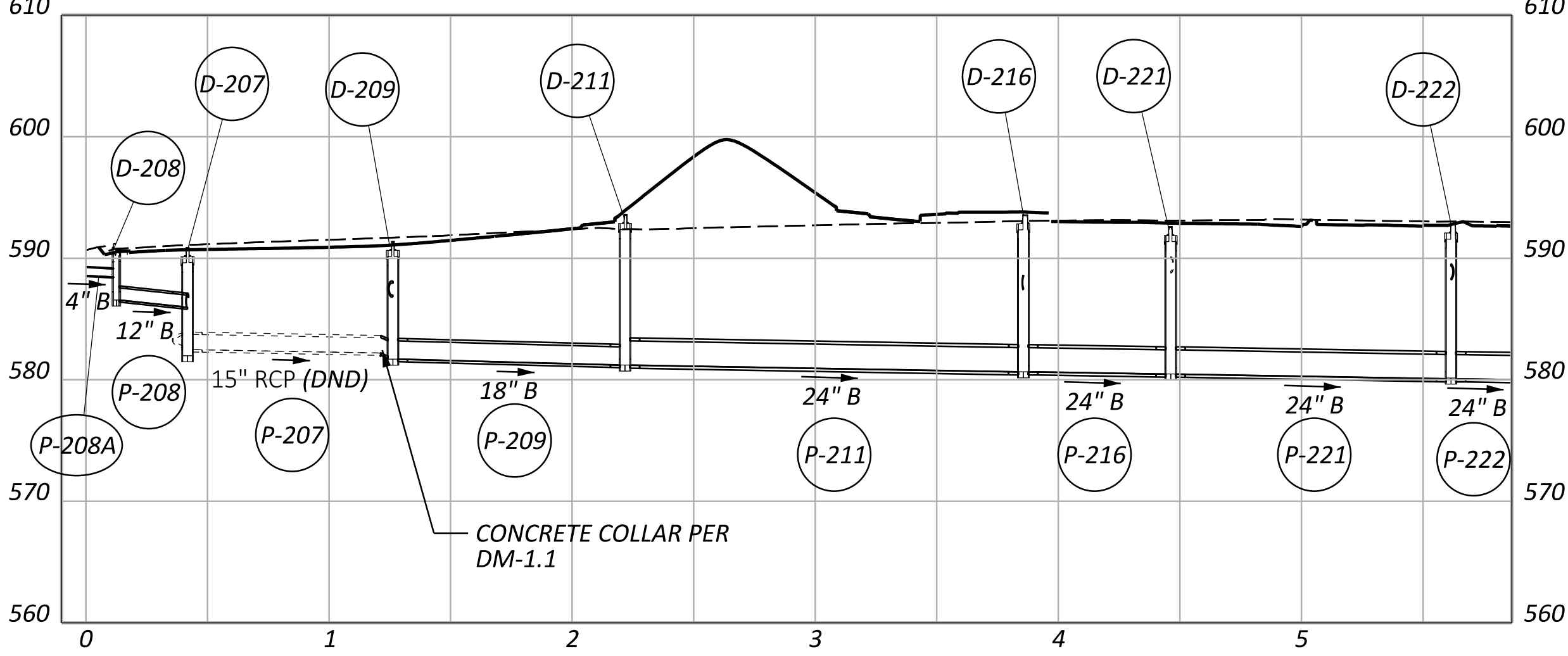
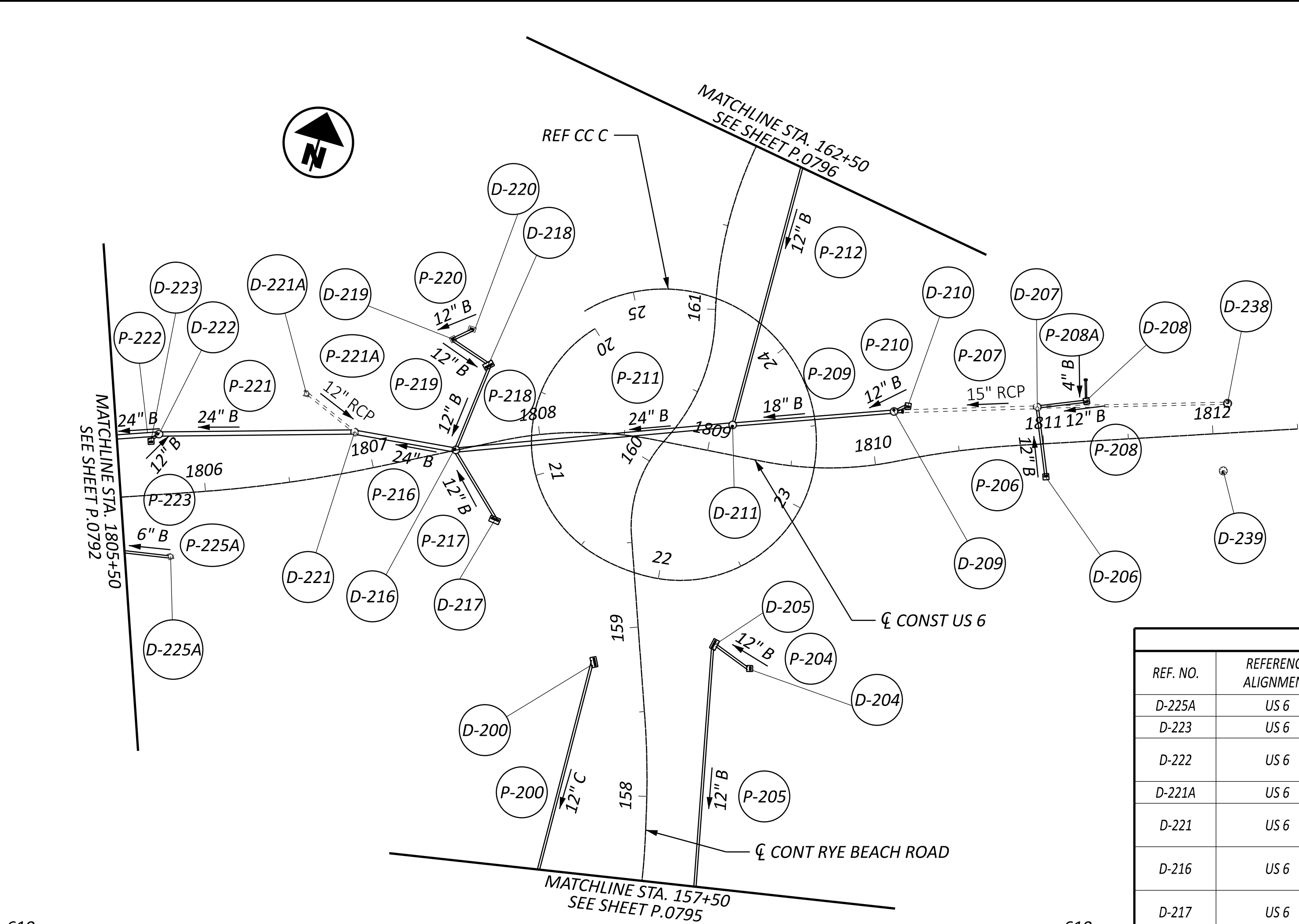
SHEET

P.0792

TOTAL

1088





| DRAINAGE CONDUIT DETAILS |             |      |           |       |                        |                    |                       |                   |                      |
|--------------------------|-------------|------|-----------|-------|------------------------|--------------------|-----------------------|-------------------|----------------------|
| REF. NO.                 | LENGTH (FT) | SIZE | TYPE      | SLOPE | START STRUCT. REF. NO. | START INVERT ELEV. | STOP STRUCT. REF. NO. | STOP INVERT ELEV. | EXISTING DISPOSITION |
| P-225A                   | 98          | 6"   | B         | 2.40% | D-225A                 | 590.80             | D-225                 | 588.44            |                      |
| P-222                    | 100         | 24"  | B         | 0.31% | D-222                  | 580.08             | D-224                 | 579.77            |                      |
| P-223                    | 6           | 12"  | B         | 1.25% | D-223                  | 588.48             | D-222                 | 588.41            |                      |
| P-221                    | 115         | 24"  | B         | 0.33% | D-221                  | 580.46             | D-222                 | 580.08            |                      |
| P-221A                   | 36          | 12"  | EX. RCP   | 0.85% | D-221A                 | 589.28             | D-221                 | 588.97            | DND                  |
| P-216                    | 61          | 24"  | B         | 0.31% | D-216                  | 580.65             | D-221                 | 580.46            |                      |
| P-218                    | 54          | 12"  | B         | 0.50% | D-218                  | 587.74             | D-216                 | 587.51            |                      |
| P-219                    | 26          | 12"  | B         | 1.33% | D-219                  | 588.08             | D-218                 | 587.74            |                      |
| P-220                    | 13          | 12"  | B         | 1.50% | D-220                  | 588.27             | D-219                 | 588.08            |                      |
| P-217                    | 48          | 12"  | B         | 2.40% | D-217                  | 588.66             | D-216                 | 587.51            |                      |
| P-211                    | 164         | 24"  | B         | 0.33% | D-211                  | 581.20             | D-216                 | 580.65            |                      |
| P-209                    | 95          | 18"  | B         | 0.53% | D-209                  | 581.70             | D-211                 | 581.20            |                      |
| P-210                    | 9           | 12"  | B         | 1.44% | D-210                  | 587.13             | D-209                 | 587.00            |                      |
| P-207                    | 80 1/2      | 15"  | EX. RCP/B | 0.62% | D-207                  | 582.48             | D-209                 | 581.95            | DND                  |
| P-208                    | 29          | 12"  | B         | 1.93% | D-208                  | 586.56             | D-207                 | 586.00            |                      |
| P-206                    | 42          | 12"  | B         | 1.45% | D-206                  | 586.61             | D-207                 | 586.00            |                      |
| P-208A                   | 12          | 8"   | B         | 1.00% | D-208A                 | 588.57             | D-208                 | 588.45            |                      |
| P-200                    | 172         | 12"  | C         | 2.41% | D-200                  | 588.09             | D-201                 | 583.94            |                      |
| P-204                    | 25          | 12"  | B         | 1.00% | D-204                  | 588.36             | D-205                 | 588.11            |                      |
| P-205                    | 198         | 12"  | B         | 1.00% | D-205                  | 588.11             | D-203                 | 586.13            |                      |

| DRAINAGE STRUCTURE DETAILS |                     |         |        |      |             |                 |              |                                                                                                                                |                      |
|----------------------------|---------------------|---------|--------|------|-------------|-----------------|--------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------|
| REF. NO.                   | REFERENCE ALIGNMENT | STATION | OFFSET | SIDE | TYPE        | GRATE/RIM ELEV. | INVERT ELEV. | CONNECTED PIPES                                                                                                                | EXISTING DISPOSITION |
| D-225A                     | US 6                | 1805+77 | 36.80  | RT   | EX. CB-2-2B | 592.45          | 590.80       | (OUT) P-225A NW 6" 590.80                                                                                                      | ATG                  |
| D-223                      | US 6                | 1805+70 | 32.00  | LT   | CB-3A       | 592.47          | 588.48       | (OUT) P-223 NE 12" 588.48                                                                                                      |                      |
| D-222                      | US 6                | 1805+75 | 35.60  | LT   | MH-3        | 592.75          | 580.08       | (IN) P-221 E 24" 580.08, (IN) P-223 SW 12" 588.41, (OUT) P-222 W 24" 580.08, (IN) UD-172 NE 6" 590.38, (IN) UD-60 SE 6" 589.40 |                      |
| D-221A                     | US 6                | 1806+68 | 50.20  | LT   | EX. CB-2-2B | 592.53          | 589.28       | (OUT) P-221A SE EX. 12" 589.28                                                                                                 | ATG                  |
| D-221                      | US 6                | 1806+92 | 22.80  | LT   | EX. MH-3    | 592.60          | 580.46       | (IN) P-216 SE 24" 580.46, (IN) P-221A NW EX. 12" 588.97, (OUT) P-221 W 24" 580.46                                              | ATG                  |
| D-216                      | US 6                | 1807+50 | 0.20   | LT   | MH-3        | 593.58          | 580.65       | (IN) P-211 E 24" 580.65, (IN) P-218 NE 12" 587.51, (IN) P-217 S 12" 587.51, (OUT) P-216 NW 24" 580.65                          |                      |
| D-217                      | US 6                | 1807+44 | 35.90  | RT   | CB-3        | 592.38          | 588.66       | (OUT) P-217 N 12" 588.66, (IN) UD-63 NE 6" 589.75, (IN) UD-64 W 6" 589.51, (IN) UD-66 E 6" 589.51                              |                      |
| D-218                      | US 6                | 1807+67 | 42.20  | LT   | CB-3        | 592.25          | 587.74       | (IN) P-219 NW 12" 587.74, (OUT) P-218 SW 12" 587.74, (IN) UD-61 W 6" 589.53, (IN) UD-62 S 6" 589.49, (IN) UD-67 NE 6" 589.51   |                      |
| D-219                      | US 6                | 1807+61 | 64.40  | LT   | CB-2-2B     | 592.24          | 588.08       | (IN) P-220 NE 12" 588.08, (OUT) P-219 SE 12" 588.08                                                                            |                      |
| D-220                      | US 6                | 1807+74 | 67.90  | LT   | CB-6        | 592.28          | 588.27       | (OUT) P-220 SW 12" 588.27                                                                                                      |                      |
| D-211                      | US 6                | 1809+12 | 17.60  | LT   | MH-3        | 593.60          | 581.20       | (IN) P-209 E 18" 581.20, (IN) P-212 NE 12" 581.70, (OUT) P-211 W 24" 581.20, (IN) UD-153 NE 6" 589.10                          |                      |
| D-209                      | US 6                | 1810+15 | 29.10  | LT   | MH-3        | 590.81          | 581.70       | (IN) P-207 E 15" 581.95, (IN) P-210 NE 12" 587.00, (OUT) P-209 W 18" 581.70                                                    |                      |
| D-210                      | US 6                | 1810+24 | 31.00  | LT   | CB-3A       | 590.81          | 587.13       | (OUT) P-210 SW 12" 587.13, (IN) UD-70 W 6" 588.54                                                                              |                      |
| D-207                      | US 6                | 1810+98 | 21.90  | LT   | EX. MH-3    | 590.45          | 582.48       | (IN) P-208 E 12" 586.00, (IN) P-206 S 12" 586.00, (IN) EX. 12" E 582.73, (OUT) P-207 W 15" 582.48                              | ATG                  |
| D-206                      | US 6                | 1811+00 | 19.80  | RT   | CB-3A       | 590.57          | 586.61       | (OUT) P-206 N 12" 586.61, (IN) UD-69 W 6" 588.01                                                                               |                      |
| D-208                      | US 6                | 1811+27 | 24.10  | LT   | CB-3A       | 590.68          | 586.56       | (IN) P-208A N 4" 588.45, (OUT) P-208 W 12" 586.56, (IN) UD-73 W 6" 587.98                                                      |                      |
| D-200                      | RYE BEACH           | 158+81  | 27.80  | LT   | CB-3        | 591.99          | 588.09       | (OUT) P-200 SW 12" 588.09, (IN) UD-111B N 6" 589.32, (IN) UD-107 S 6" 589.43, (IN) UD-108 E 6" 589.43                          |                      |
| D-205                      | RYE BEACH           | 158+86  | 44.30  | RT   | CB-3        | 591.77          | 588.11       | (OUT) P-205 SW 12" 588.11, (IN) UD-110B S 6" 588.91, (IN) UD-112 E 6" 589.49                                                   |                      |
| D-204                      | RYE BEACH           | 158+71  | 63.44  | RT   | CB-3A       | 590.75          | 588.36       | (OUT) P-204 W 12" 588.36                                                                                                       |                      |

HORIZONTAL SCALE IN FEET

0

25

50

100

STORM SEWER PROFILES

ROUNDABOUT C

DESIGN AGENCY

TRANSYSTEMS

400 W. WATSON BLVD., STE. 225

COLUMBUS, OHIO 43215

DESIGNER

MHT

REVIEWER

GHM 07/30/25

PROJECT ID

116570

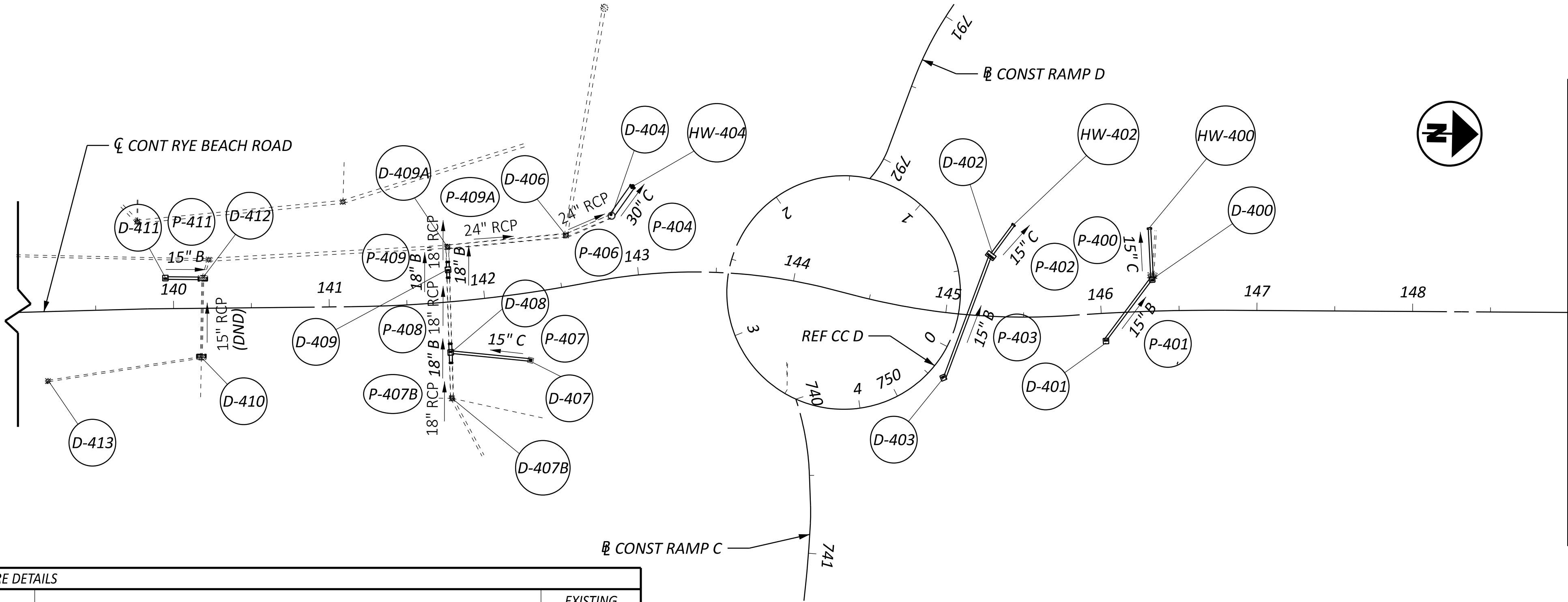
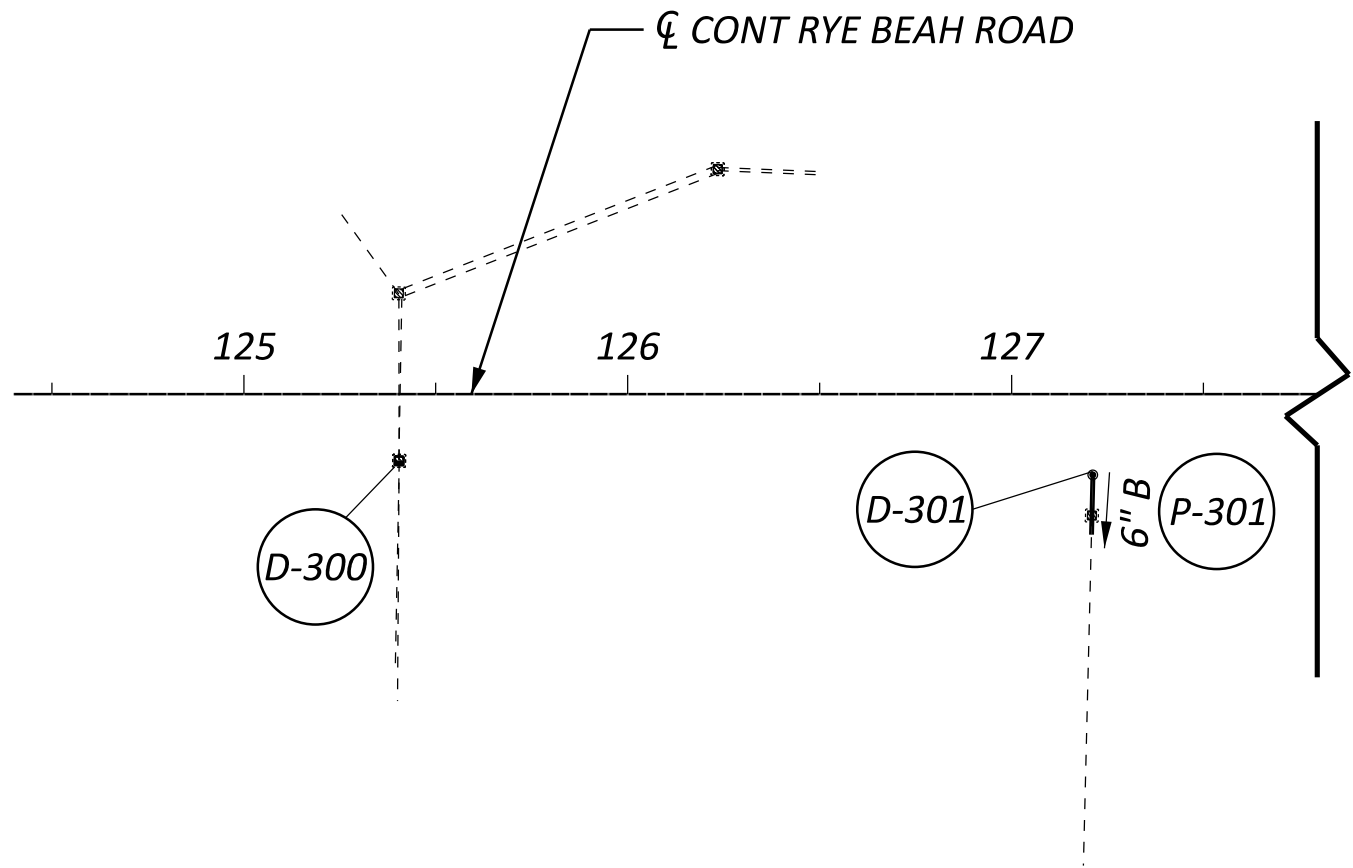
SHEET

P.0793

TOTAL

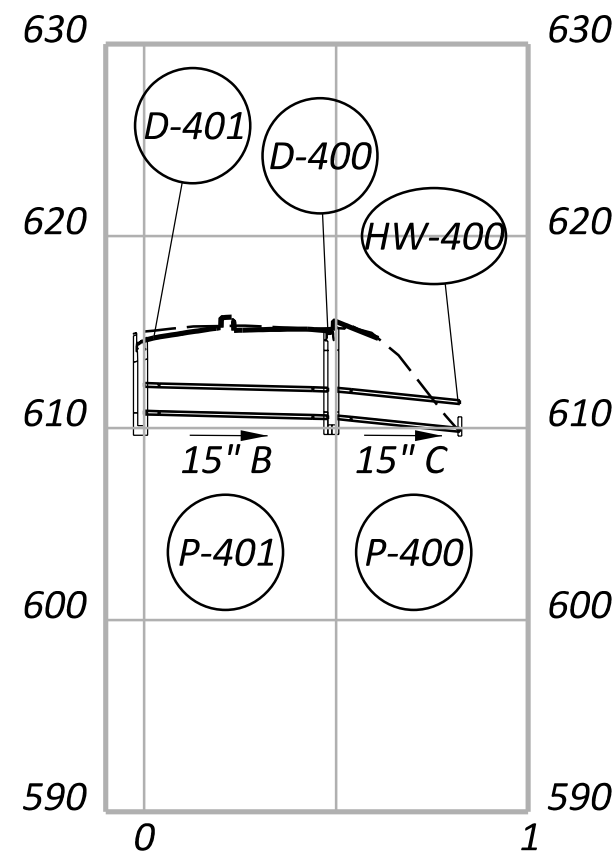
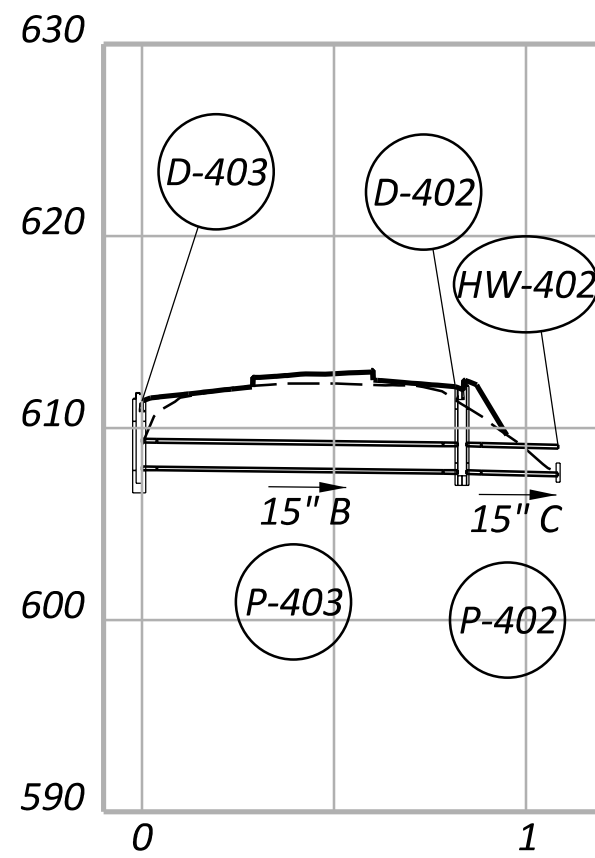
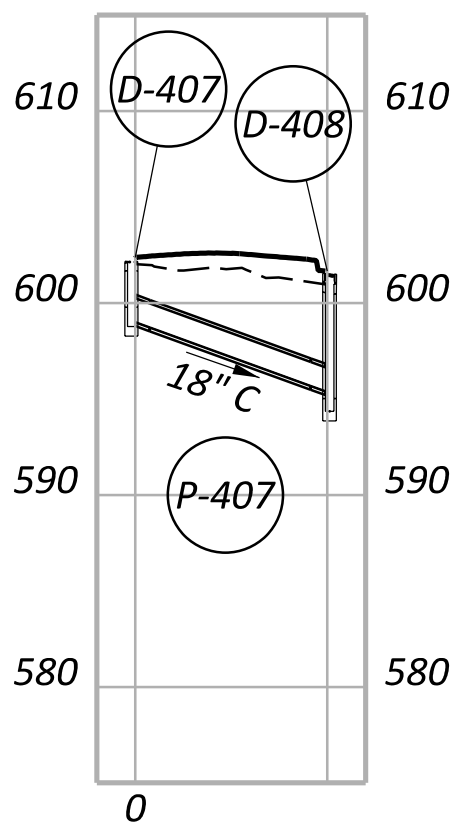
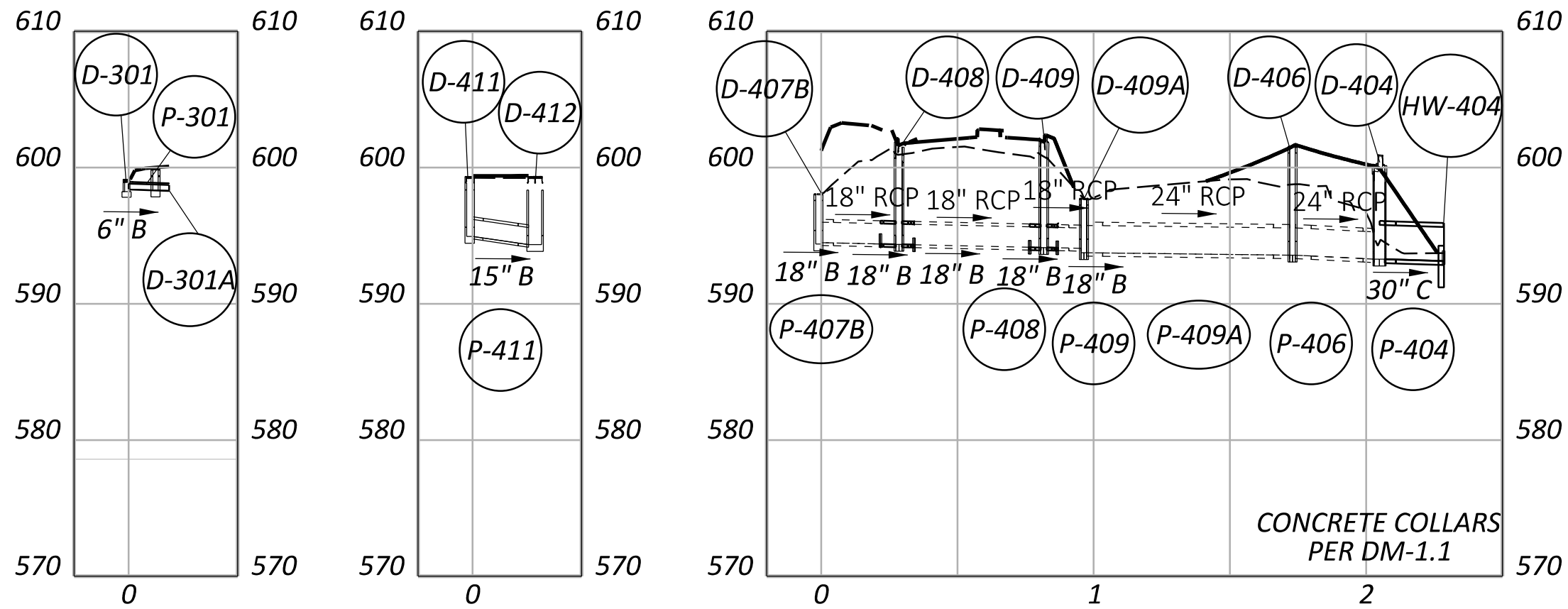
1088





| DRAINAGE STRUCTURE DETAILS |                     |         |        |      |             |                 |              |                                                                                                       |                      |
|----------------------------|---------------------|---------|--------|------|-------------|-----------------|--------------|-------------------------------------------------------------------------------------------------------|----------------------|
| REF. NO.                   | REFERENCE ALIGNMENT | STATION | OFFSET | SIDE | TYPE        | GRATE/RIM ELEV. | INVERT ELEV. | CONNECTED PIPES                                                                                       | EXISTING DISPOSITION |
| D-300                      | RYE BEACH           | 125+40  | 17.30  | RT   | EX. CB-2-2B | 599.32          | 596.72       | (OUT) EX. 10" 596.72, (OUT) EX. 10" W 596.72, (IN) UD-180 S 6" 597.63, (IN) UD-181 S 6" 597.63        | ATG                  |
| D-301                      | RYE BEACH           | 127+21  | 20.90  | RT   | SDI         | 599.14          | 598.24       | (OUT) P-301 E 6" 598.24, (IN) UD-182 S 6" 597.51, (IN) UD-183 S 6" 597.51                             |                      |
| D-411                      | RYE BEACH           | 139+95  | 20.00  | LT   | CB-3A       | 599.20          | 594.95       | (OUT) P-411 N 15" 594.95, (IN) UD-87 N 6" 596.76                                                      |                      |
| D-412                      | RYE BEACH           | 140+19  | 19.60  | LT   | EX. CB-3    | 599.18          | 594.35       | (IN) P-411 S 15" 594.35, (IN) EX. 15" E 594.35, (OUT) EX. 15" 594.35, (IN) UD-89 N 6" 596.75          | ATG                  |
| D-410                      | RYE BEACH           | 140+18  | 31.50  | RT   | EX. CB-3    | 599.05          | 595.35       | (IN) UD-88 N 6" 596.55                                                                                | ATG                  |
| D-407B                     | RYE BEACH           | 141+76  | 61.80  | RT   | EX. CB-2-2B | 598.09          | 594.49       | (IN) EX. 18" E 595.27, (IN) EX. 6" N 595.27, (IN) EX. 6" 594.94, (OUT) P-407B W 18" 594.49            | DND                  |
| D-407                      | RYE BEACH           | 142+24  | 43.11  | RT   | CB-5        | 602.17          | 599.00       | (OUT) P-407 S 18" 599.00                                                                              |                      |
| D-408                      | RYE BEACH           | 141+76  | 32.70  | RT   | CB-3A       | 601.25          | 594.36       | (IN) P-407B E 18" 594.36, (IN) P-407 N 18" 595.40, (OUT) P-408 W 18" 594.36, (IN) UD-90 N 6" 599.01   |                      |
| D-409                      | RYE BEACH           | 141+77  | 21.00  | LT   | CB-3A       | 601.71          | 594.13       | (IN) P-408 E 18" 594.13, (OUT) P-409 W 18" 594.13, (IN) UD-91 N 6" 599.27                             |                      |
| D-409A                     | RYE BEACH           | 141+78  | 35.40  | LT   | EX. CB-2-2B | 597.75          | 593.75       | (IN) P-409 E EX. 18" 594.07, (IN) EX. 24" S 593.80, (OUT) P-409A N EX. 24" 593.75                     | DND                  |
| D-406                      | RYE BEACH           | 142+58  | 32.40  | LT   | EX. CB-2-2B | 601.57          | 593.57       | (IN) P-409A S EX. 24" 593.57, (IN) EX. 24" W 593.57, (OUT) P-406 NW EX. 24" 593.57                    | RTG APP              |
| D-404                      | RYE BEACH           | 142+87  | 39.80  | LT   | MH-3        | 600.94          | 593.28       | (IN) P-406 SE EX. 24" 593.28, (OUT) P-404 NW 30" 593.28                                               |                      |
| D-403                      | RYE BEACH           | 145+03  | 42.00  | RT   | CB-3A       | 611.31          | 608.00       | (OUT) P-403 NW 15" 608.00, (IN) UD-94 N 6" 608.77                                                     |                      |
| D-402                      | RYE BEACH           | 145+25  | 39.10  | LT   | CB-3        | 611.95          | 607.80       | (IN) P-403 SE 15" 607.80, (OUT) P-402 NW 15" 607.80, (IN) UD-95 SE 6" 609.39, (IN) UD-96 NE 6" 609.39 |                      |
| D-401                      | RYE BEACH           | 146+02  | 18.20  | RT   | CB-3A       | 614.37          | 610.90       | (OUT) P-401 E 15" 610.90, (IN) UD-97 N 6" 611.74                                                      |                      |
| D-400                      | RYE BEACH           | 146+34  | 20.60  | LT   | CB-3A       | 615.03          | 610.66       | (IN) P-401 SE 15" 610.66, (OUT) P-400 W 15" 610.66, (IN) UD-98 N 6" 612.30                            |                      |
| D-413                      | RYE BEACH           | 139+18  | 44.50  | RT   | CB-2-2B     | 600.00          | 595.21       | (IN) EX. 8" SE 596.03, (OUT) EX. 12" N 595.21                                                         | ATG APP              |

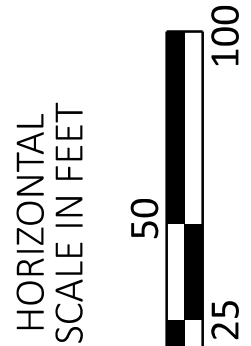
| DRAINAGE CONDUIT DETAILS |                                |      |         |       |                        |                    |                       |                   |                      |
|--------------------------|--------------------------------|------|---------|-------|------------------------|--------------------|-----------------------|-------------------|----------------------|
| REF. NO.                 | LENGTH (FT)                    | SIZE | TYPE    | SLOPE | START STRUCT. REF. NO. | START INVERT ELEV. | STOP STRUCT. REF. NO. | STOP INVERT ELEV. | EXISTING DISPOSITION |
| P-301                    | 16                             | 6"   | B       | 0.69% | D-301                  | 598.24             | D-301A                | 598.13            |                      |
| P-411                    | 24                             | 15"  | B       | 2.50% | D-411                  | 594.95             | D-412                 | 594.35            |                      |
| P-407B                   | 2 <sup>4</sup> / <sub>5</sub>  | 18"  | RCP/B   | 0.45% | D-407B                 | 594.49             | D-408                 | 594.36            |                      |
| P-407                    | 52                             | 15"  | C       | 6.92% | D-407                  | 599.00             | D-408                 | 595.40            |                      |
| P-408                    | 4 <sup>4</sup> / <sub>10</sub> | 18"  | RCP/B   | 0.43% | D-408                  | 594.36             | D-409                 | 594.13            |                      |
| P-409                    | 9 <sup>5</sup> / <sub>10</sub> | 18"  | RCP/B   | 0.43% | D-409                  | 594.13             | D-409A                | 594.07            |                      |
| P-409A                   | 77                             | 24"  | EX. RCP | 0.23% | D-409A                 | 593.75             | D-406                 | 593.57            | DND                  |
| P-406                    | 32                             | 24"  | EX. RCP | 0.91% | D-406                  | 593.57             | D-404                 | 593.28            | DND                  |
| P-404                    | 24                             | 30"  | C       | 0.58% | D-404                  | 593.28             | HW-404                | 593.14            |                      |
| P-403                    | 85                             | 15"  | B       | 0.24% | D-403                  | 608.00             | D-402                 | 607.80            |                      |
| P-402                    | 25                             | 15"  | C       | 0.48% | D-402                  | 607.80             | HW-402                | 607.68            |                      |
| P-401                    | 50                             | 15"  | B       | 0.48% | D-401                  | 610.90             | D-400                 | 610.66            |                      |
| P-400                    | 33                             | 15"  | C       | 2.00% | D-400                  | 610.66             | HW-400                | 610.00            |                      |



FOR UNDERDRAIN DETAILS  
SEE SHEET P.0321 - P.0326

MATCHLINE STA. 149+00  
SEE SHEET P.0795

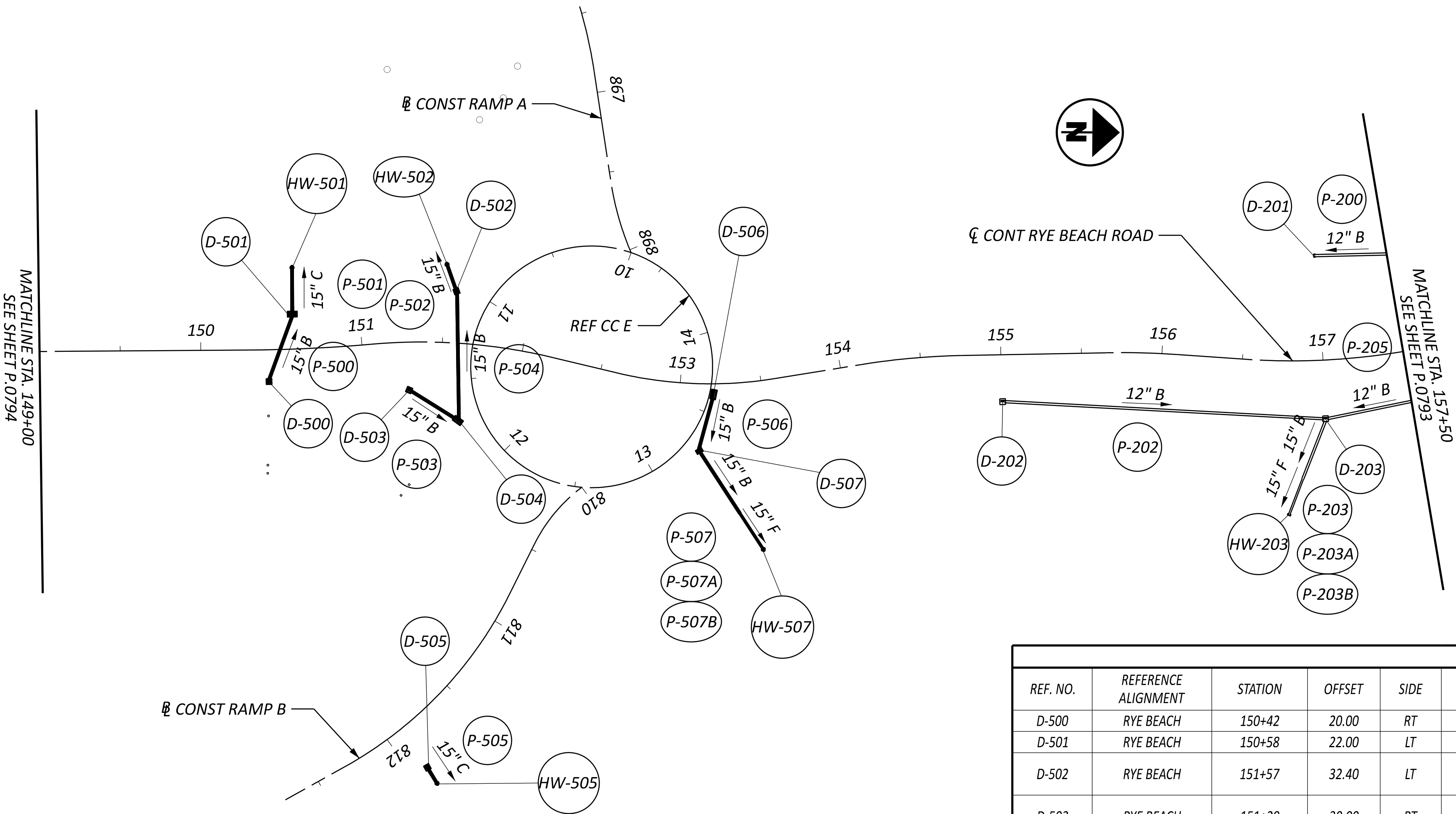
STORM SEWER PROFILES  
ROUNDABOUT D



DESIGN AGENCY  
**TRANSYSTEMS**  
400 W. NATIONWIDE BLVD., STE. 225  
COLUMBUS, OHIO 43215

DESIGNER  
**MHT**  
REVIEWER  
**GHM 07/30/25**  
PROJECT ID  
**116570**  
SHEET  
**P.0794** TOTAL  
**1088**



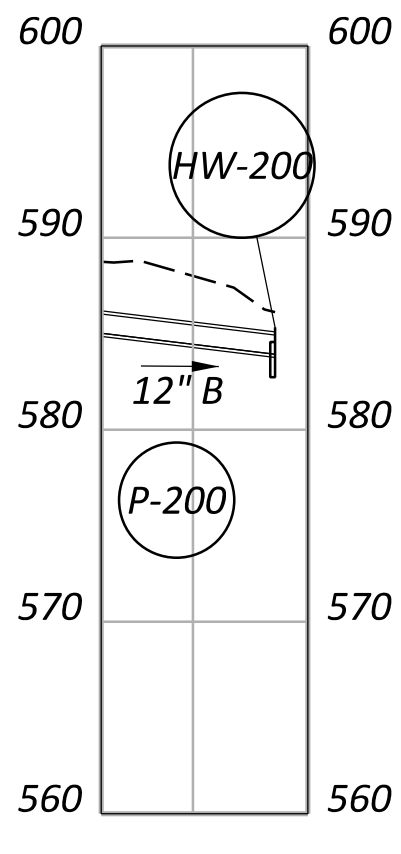
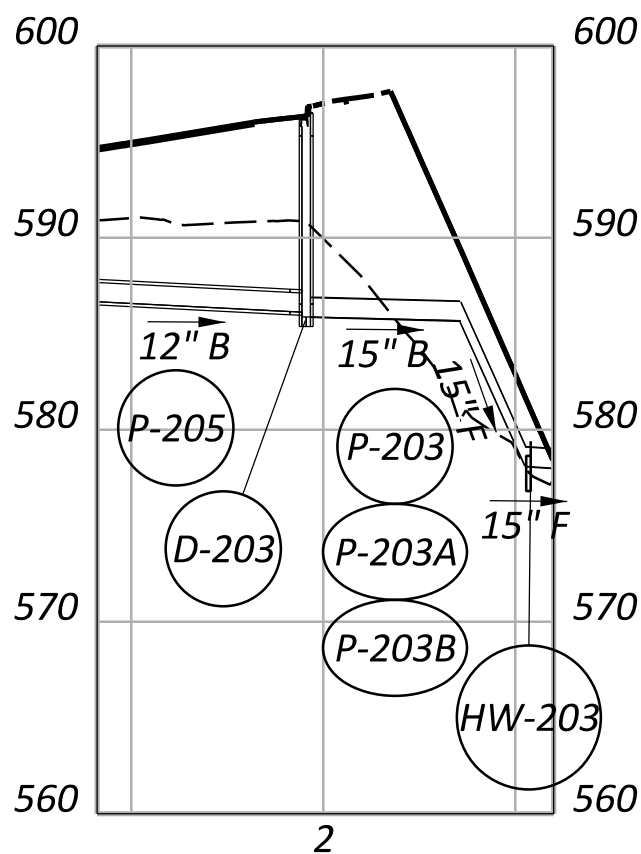
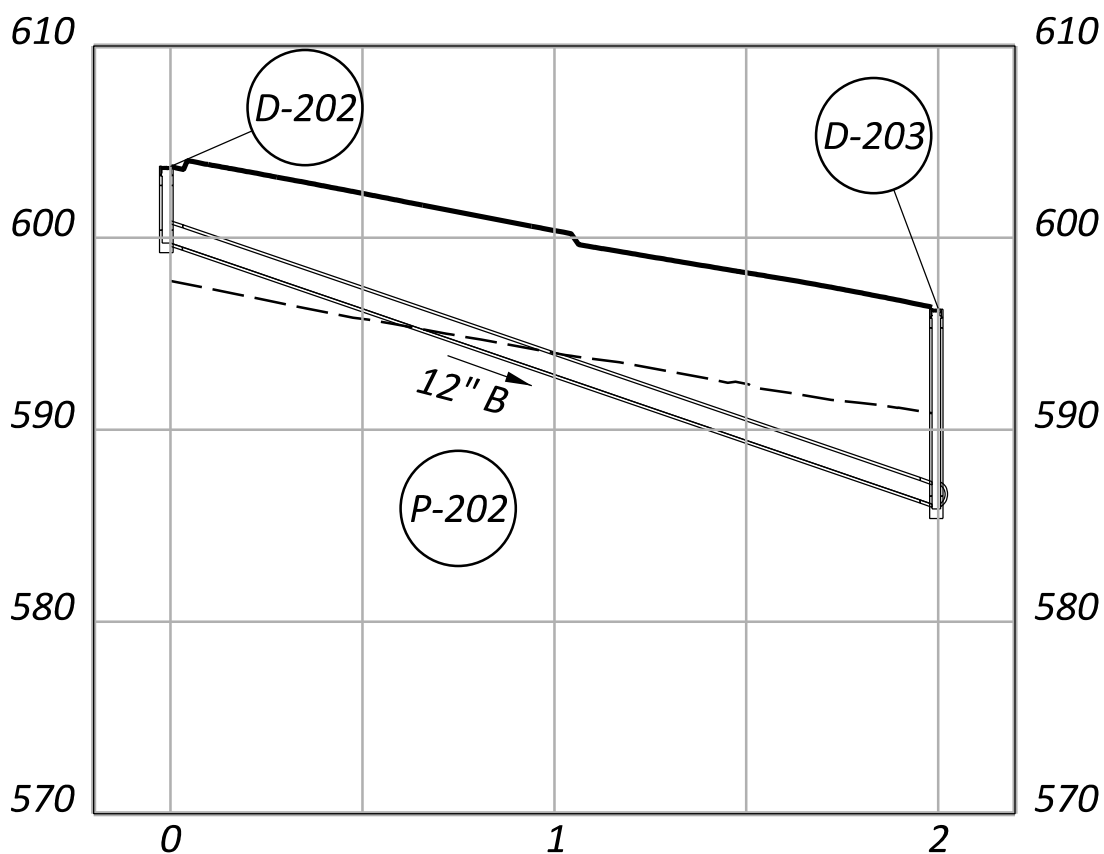
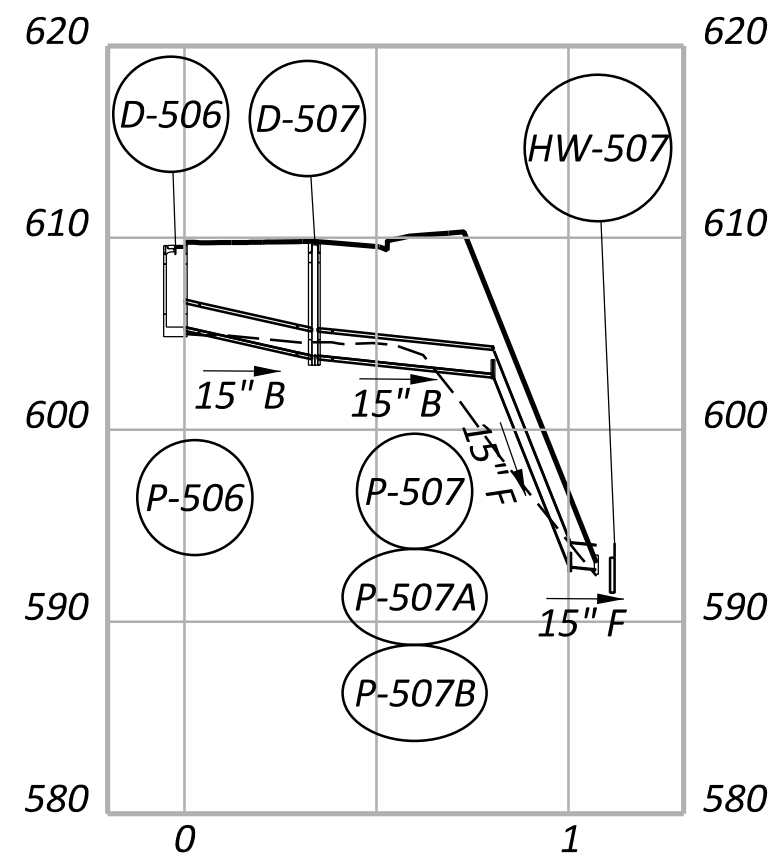
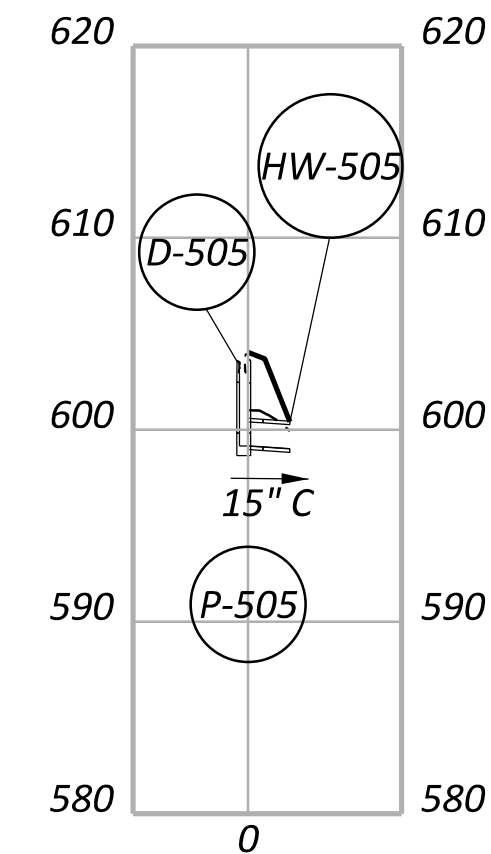
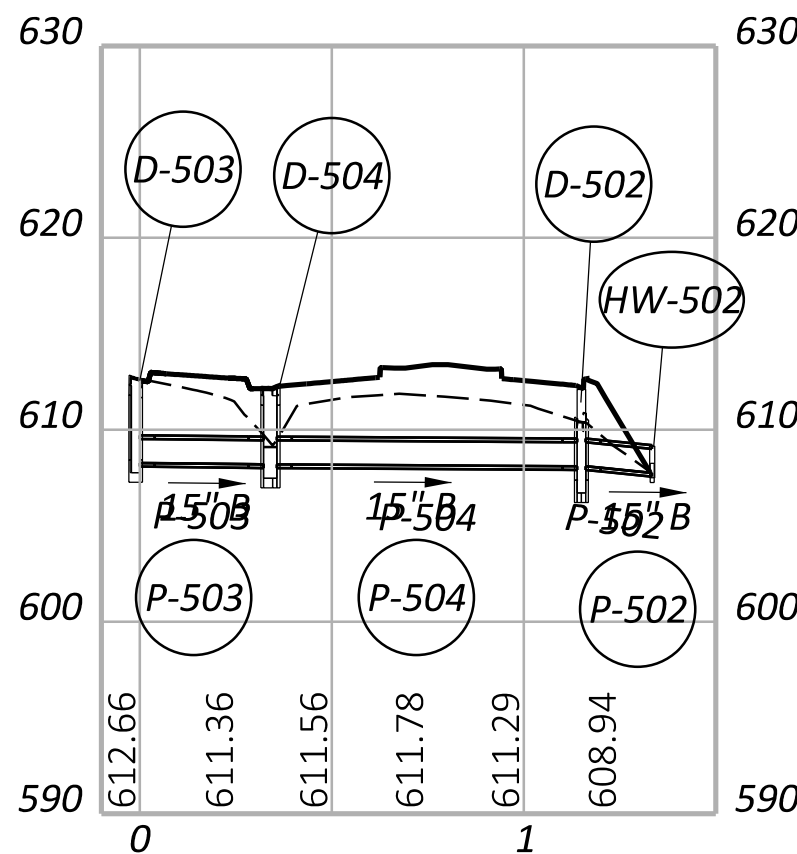
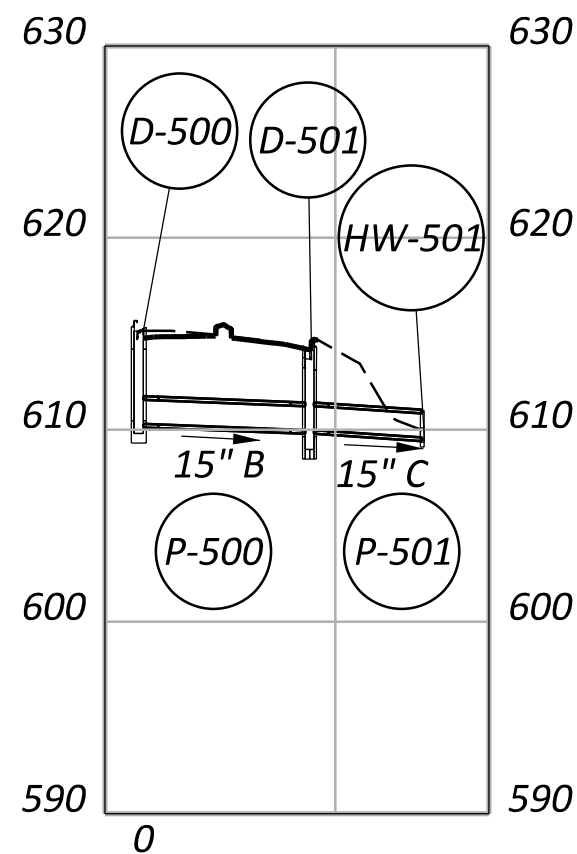


F\* 611, XX" CONDUIT, TYPE F  
707.05 TYPE C,  
707.21, OR 707.33

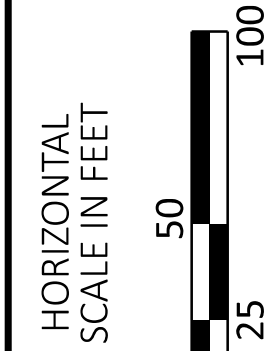
FOR UNDERDRAIN DETAILS  
SEE SHEET P.0321 - P.0326

| DRAINAGE CONDUIT DETAILS |             |      |      |        |                        |                    |                       |                   |                      |
|--------------------------|-------------|------|------|--------|------------------------|--------------------|-----------------------|-------------------|----------------------|
| REF. NO.                 | LENGTH (FT) | SIZE | TYPE | SLOPE  | START STRUCT. REF. NO. | START INVERT ELEV. | STOP STRUCT. REF. NO. | STOP INVERT ELEV. | EXISTING DISPOSITION |
| P-500                    | 45          | 15"  | B    | 0.73%  | D-500                  | 610.31             | D-501                 | 609.98            |                      |
| P-501                    | 30          | 15"  | C    | 1.27%  | D-501                  | 609.98             | HW-501                | 609.60            |                      |
| P-502                    | 18          | 15"  | C    | 1.94%  | D-502                  | 608.10             | HW-502                | 607.75            |                      |
| P-503                    | 36          | 15"  | B    | 0.20%  | D-503                  | 608.27             | D-504                 | 608.20            |                      |
| P-504                    | 81          | 15"  | B    | 0.12%  | D-504                  | 608.20             | D-502                 | 608.10            |                      |
| P-505                    | 15          | 15"  | C    | 1.00%  | D-505                  | 599.16             | HW-505                | 599.01            |                      |
| P-506                    | 36          | 15"  | B    | 4.14%  | D-506                  | 605.35             | D-507                 | 603.86            |                      |
| P-507                    | 46          | 15"  | B    | 2.09%  | D-507                  | 603.86             | D-507A                | 602.90            |                      |
| P-507A                   | 23          | 15"  | F*   | 43.65% | D-507A                 | 602.90             | D-507B                | 592.86            |                      |
| P-507B                   | 10          | 15"  | F*   | 1.40%  | D-507B                 | 592.86             | HW-507                | 592.72            |                      |
| P-202                    | 201         | 12"  | B    | 6.77%  | D-202                  | 599.73             | 203                   | 586.13            |                      |
| P-203                    | 30          | 15"  | B    | 0.67%  | D-203                  | 585.88             | 203A                  | 585.68            |                      |
| P-203A                   | 18          | 15"  | F*   | 42.11% | D-203A                 | 585.68             | 203B                  | 578.10            |                      |
| P-203B                   | 10          | 15"  | F*   | 1.00%  | D-203B                 | 578.10             | HW-203                | 578.00            |                      |
|                          |             |      |      |        |                        |                    |                       |                   |                      |

| DRAINAGE STRUCTURE DETAILS |                     |         |        |      |       |                 |              |                                                                                                        |                      |
|----------------------------|---------------------|---------|--------|------|-------|-----------------|--------------|--------------------------------------------------------------------------------------------------------|----------------------|
| REF. NO.                   | REFERENCE ALIGNMENT | STATION | OFFSET | SIDE | TYPE  | GRATE/RIM ELEV. | INVERT ELEV. | CONNECTED PIPES                                                                                        | EXISTING DISPOSITION |
| D-500                      | RYE BEACH           | 150+42  | 20.00  | RT   | CB-3A | 614.68          | 610.31       | (OUT) P-500 E 15" 610.31, (IN) UD-99 S 6" 611.99                                                       |                      |
| D-501                      | RYE BEACH           | 150+58  | 22.00  | LT   | CB-3  | 614.11          | 609.98       | (IN) P-500 SE 15" 609.98, (OUT) P-501 W 15" 609.98, (IN) UD-100 S 6" 611.44                            |                      |
| D-502                      | RYE BEACH           | 151+57  | 32.40  | LT   | CB-3A | 612.10          | 608.10       | (IN) P-504 E 15" 608.10, (OUT) P-502 SW 15" 608.10, (IN) UD-102 S 6" 609.55, (IN) UD-103B E 6" 609.54  |                      |
| D-503                      | RYE BEACH           | 151+29  | 30.00  | RT   | CB-3A | 612.51          | 608.27       | (OUT) P-503 NE 15" 608.27, (IN) UD-101 S 6" 609.98                                                     |                      |
| D-504                      | RYE BEACH           | 151+63  | 48.10  | RT   | CB-3  | 612.06          | 608.20       | (IN) P-503 SW 15" 608.20, (OUT) P-504 SE 15" 608.20, (IN) UD-104 S 6" 609.50, (IN) UD-104B W 6" 609.50 |                      |
| D-505                      | RAMP B              | 811+91  | 29.44  | LT   | CB-3A | 603.41          | 599.16       | (OUT) P-505 NE 15" 599.16, (IN) UD-139 W 6" 600.85                                                     |                      |
| D-506                      | RYE BEACH           | 153+21  | 7.00   | RT   | CB-3  | 609.60          | 605.35       | (OUT) P-506 SE 15" 605.35, (IN) UD-150 S 6" 607.01                                                     |                      |
| D-507                      | RYE BEACH           | 153+15  | 42.30  | RT   | CB-6  | 609.80          | 603.86       | (IN) P-506 NW 15" 603.86, (OUT) P-507 NE 15" 603.86                                                    |                      |
| D-202                      | RYE BEACH           | 155+00  | 29.40  | RT   | CB-3A | 603.73          | 599.73       | (OUT) P-202 NE 12" 599.73, (IN) UD-106 S 6" 601.18                                                     |                      |
| D-203                      | RYE BEACH           | 157+00  | 36.70  | RT   | CB-3A | 596.28          | 585.88       | (IN) P-202 S 12" 586.13, (IN) P-205 N 12" 586.13, (OUT) P-203 SE 15" 585.88, (IN) UD-110 S 6" 593.71   |                      |
|                            |                     |         |        |      |       |                 |              |                                                                                                        |                      |
|                            |                     |         |        |      |       |                 |              |                                                                                                        |                      |



STORM SEWER PROFILES  
ROUNDABOUT E



DESIGN AGENCY  
**TRANSYSTEMS**  
400 W. NATIONWIDE BLVD., STE. 225  
COLUMBUS, OHIO 43215

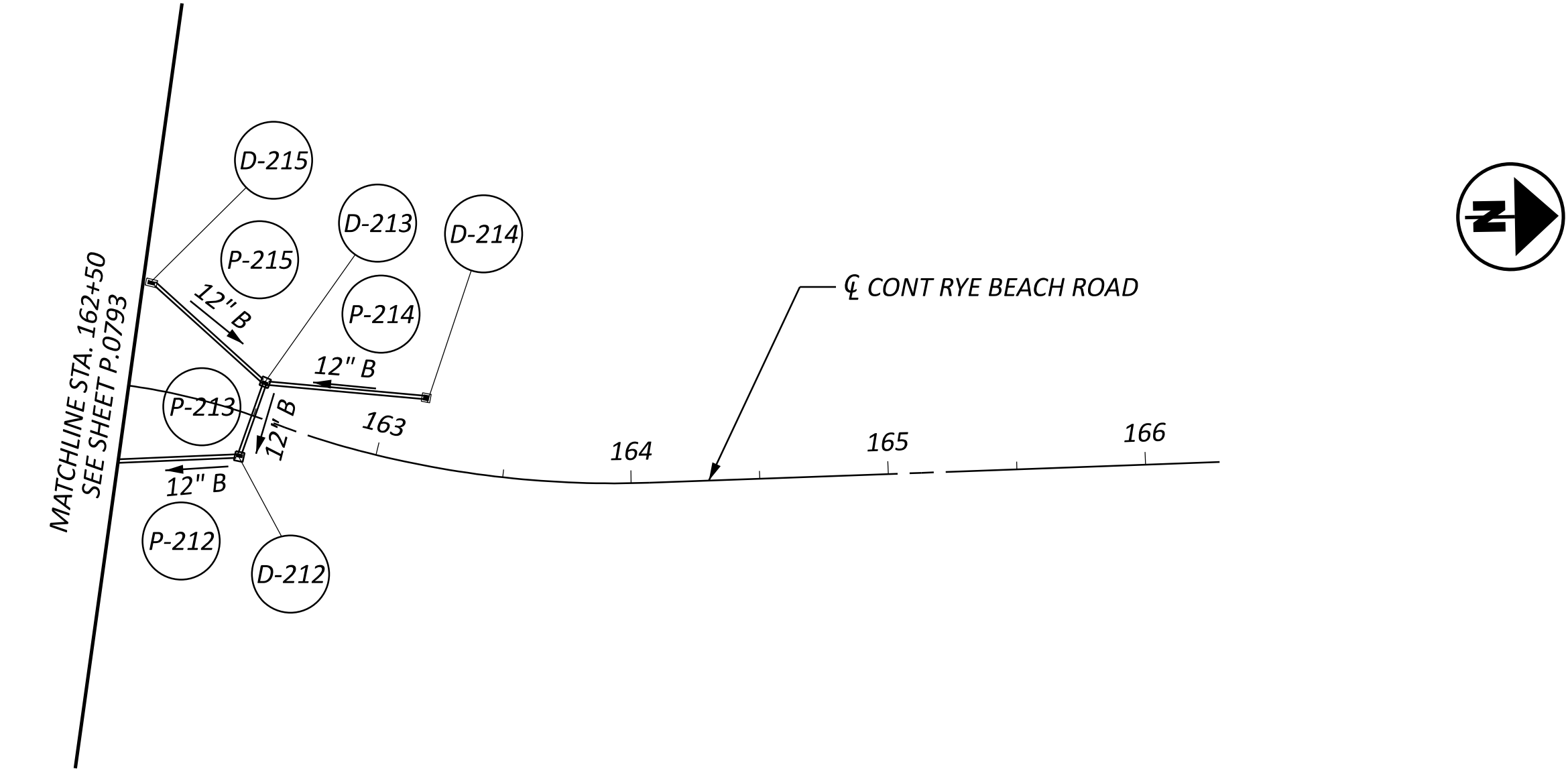
DESIGNER  
**MHT**

REVIEWER  
**GHM 07/30/25**

PROJECT ID  
**116570**

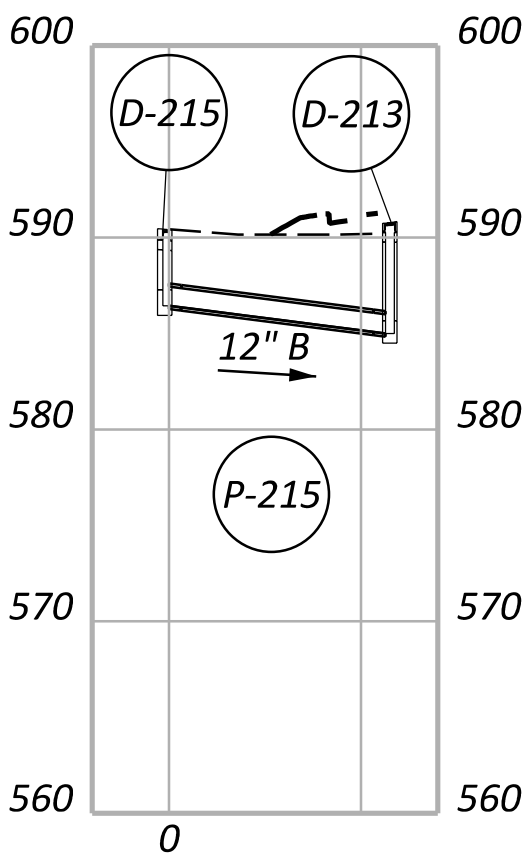
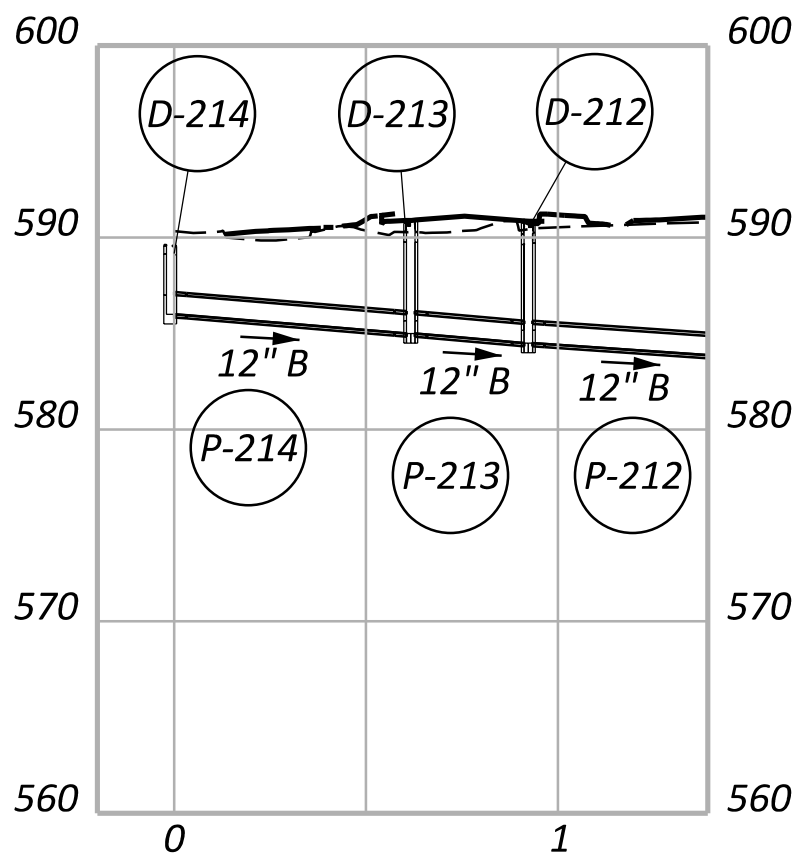
SHEET TOTAL  
**P.0795 1088**





| DRAINAGE STRUCTURE DETAILS |                     |         |        |      |         |                 |              |                                                                                                       |                      |
|----------------------------|---------------------|---------|--------|------|---------|-----------------|--------------|-------------------------------------------------------------------------------------------------------|----------------------|
| REF. NO.                   | REFERENCE ALIGNMENT | STATION | OFFSET | SIDE | TYPE    | GRATE/RIM ELEV. | INVERT ELEV. | CONNECTED PIPES                                                                                       | EXISTING DISPOSITION |
| D-212                      | RYE BEACH           | 162+50  | 17.10  | RT   | CB-3A   | 590.67          | 584.50       | (IN) P-213 NW 12" 584.50, (OUT) P-212 S 12" 584.50, (IN) UD-114 S 6" 588.11                           |                      |
| D-213                      | RYE BEACH           | 162+50  | 14.10  | LT   | CB-3A   | 590.73          | 585.00       | (IN) P-214 N 12" 585.00, (IN) P-215 SW 12" 585.00, (OUT) P-213 SE 12" 585.00, (IN) UD-113 S 6" 588.15 |                      |
| D-215                      | RYE BEACH           | 162+03  | 40.70  | LT   | CB-6    | 590.45          | 586.44       | (OUT) P-215 NE 12" 586.44                                                                             |                      |
| D-214                      | RYE BEACH           | 163+14  | 23.20  | LT   | CB-2-2B | 589.62          | 586.00       | (OUT) P-214 SE 12" 586.00                                                                             |                      |
|                            |                     |         |        |      |         |                 |              |                                                                                                       |                      |

| DRAINAGE CONDUIT DETAILS |             |      |      |       |                        |                    |                       |                   |                      |
|--------------------------|-------------|------|------|-------|------------------------|--------------------|-----------------------|-------------------|----------------------|
| REF. NO.                 | LENGTH (FT) | SIZE | TYPE | SLOPE | START STRUCT. REF. NO. | START INVERT ELEV. | STOP STRUCT. REF. NO. | STOP INVERT ELEV. | EXISTING DISPOSITION |
| P-212                    | 204         | 12"  | B    | 1.37% | D-212                  | 584.50             | D-211                 | 581.70            |                      |
| P-213                    | 31          | 12"  | B    | 1.61% | D-213                  | 585.00             | D-212                 | 584.50            |                      |
| P-215                    | 59          | 12"  | B    | 2.44% | D-215                  | 586.44             | D-213                 | 585.00            |                      |
| P-214                    | 63          | 12"  | B    | 1.59% | D-214                  | 586.00             | D-213                 | 585.00            |                      |
|                          |             |      |      |       |                        |                    |                       |                   |                      |



FOR UNDERDRAIN DETAILS  
SEE SHEET P.0321 - P.0326

STORM SEWER PROFILES  
RYE BEACH ROAD



DESIGN AGENCY

DESIGNER

REVIEWER

PROJECT ID

SHEET

TOTAL

TRANSYSTEMS

400 W. WATSONWIDE BLVD., STE. 225

COLUMBUS, OHIO 43215

MHT

GHM 07/30/25

116570

P.0796

1088



**ERI-US 0006-CONNECTIVITY CORRIDOR**

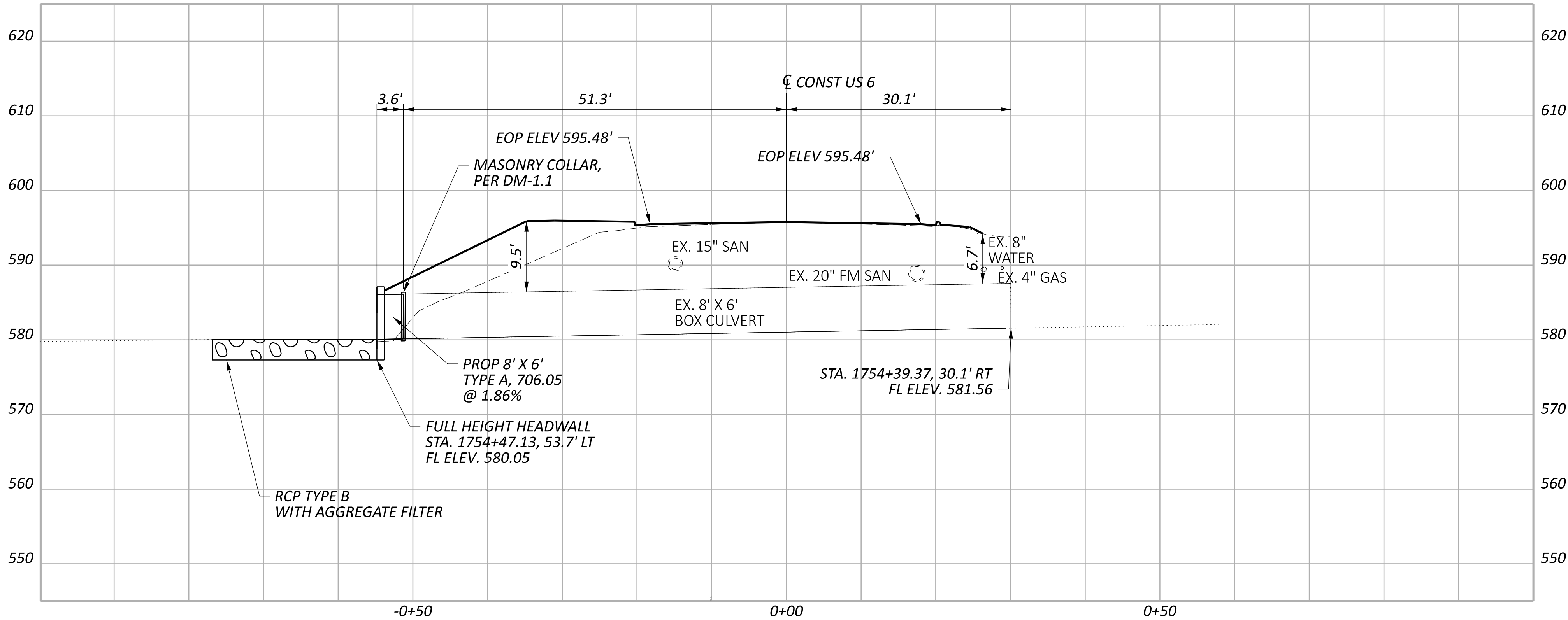
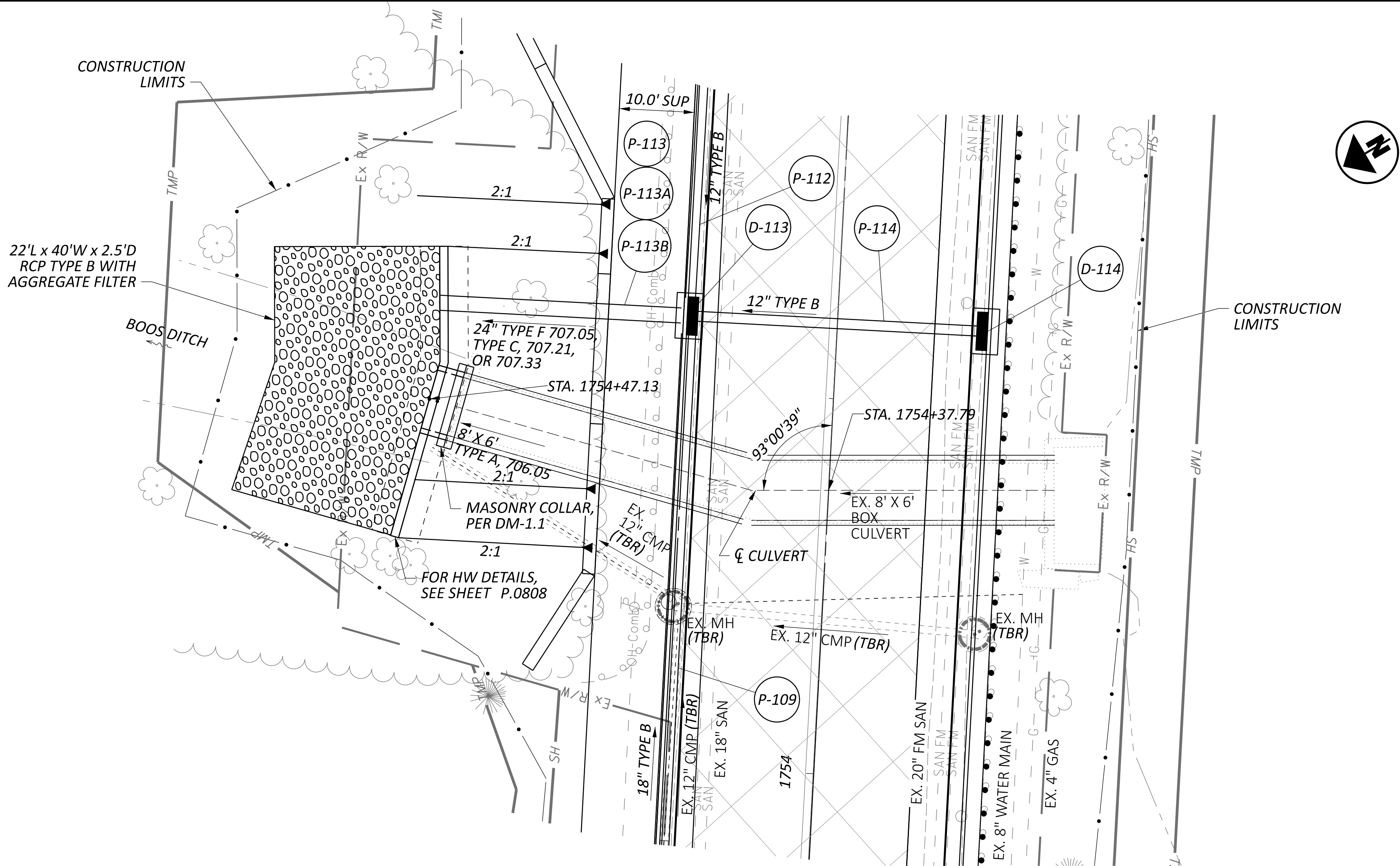
MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 7/31/2025 TIME: 11:01:10 AM PLTDRY: OHDOT\_PDF Levels.pltcfg PENTBL: OHDOT\_Pent.tbl USER: jlwilson@gflinc.com WORKSPACE: OHDOTCEV02 WORKSET: 116570 PRODUCT: OpenRoadsDesigner 24.00.00.2005  
 www.ohiodot-pw.bentley.com/ohiodot-pw-02/Documents/01 Active Projects/District 03/Enrle/116570/0402-Engineering\_TransSystems/DrainageSheets/116570\_DS0004.dgn

| ESTIMATED QUANTITIES SHEET NO. | 202               | 503                                  | 503                     | 509                               | 511                                                                | 511                         | 511                                          | 512                                              | 512                  | 516                                    | 518                                       | 601                                                      | 601                                                       | 602              | 611                 | 611                                      | 611                 |                                 |
|--------------------------------|-------------------|--------------------------------------|-------------------------|-----------------------------------|--------------------------------------------------------------------|-----------------------------|----------------------------------------------|--------------------------------------------------|----------------------|----------------------------------------|-------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------|------------------|---------------------|------------------------------------------|---------------------|---------------------------------|
|                                | STRUCTURE REMOVED | COFFERDAMS AND EXCAVATION<br>BRACING | UNCLASSIFIED EXCAVATION | EPOXY COATED REINFORCING<br>STEEL | CLASS QC1 CONCRETE,<br>RETAINING/WINGWALL NOT<br>INCLUDING FOOTING | CLASS QC1 CONCRETE, FOOTING | CLASS QC1 CONCRETE, HEADWALL,<br>AS PER PLAN | SEALING OF CONCRETE SURFACES<br>(EPOXY-URETHANE) | TYPE 2 WATERPROOFING | 1" PREFORMED EXPANSION JOINT<br>FILLER | POROUS BACKFILL WITH<br>GEOTEXTILE FABRIC | ROCK CHANNEL PROTECTION, TYPE<br>B WITH AGGREGATE FILTER | ROCK CHANNEL PROTECTION, TYPE<br>C WITH GEOTEXTILE FABRIC | CONCRETE MASONRY | 24" CONDUIT, TYPE B | 36" CONDUIT, TYPE B, 707.21 OR<br>707.22 | 42" CONDUIT, TYPE B | 8' X 6' CONDUIT, TYPE A, 706.05 |
|                                | LS                | LS                                   | LS                      | LB                                | SY                                                                 | CY                          | CY                                           | SY                                               | SY                   | SF                                     | LS                                        | CY                                                       | CY                                                        | CY               | FT                  | FT                                       | FT                  | FT                              |
| P.0807                         | LS                | LS                                   | LS                      | 2390                              | 25                                                                 | 18                          | 1                                            | 20                                               | 11                   | 17                                     | LS                                        | 82                                                       |                                                           |                  |                     |                                          |                     | 4                               |
| P.0811                         |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          | 4                                                         | 0.92             |                     |                                          | 78                  |                                 |
| P.0812                         |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           | 0.46             | 97                  |                                          |                     |                                 |
| P.0813                         |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          | 7                                                         | 1.52             |                     | 17                                       |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |
|                                |                   |                                      |                         |                                   |                                                                    |                             |                                              |                                                  |                      |                                        |                                           |                                                          |                                                           |                  |                     |                                          |                     |                                 |

## CULVERT SUBSUMMARY

|                                                                                                |       |
|------------------------------------------------------------------------------------------------|-------|
| DESIGN AGENCY<br><b>TRANSYSTEMS</b><br>400 W. WATONWIDE BLVD., STE 225<br>COLUMBUS, OHIO 43215 |       |
| DESIGNER                                                                                       |       |
| NLD                                                                                            |       |
| REVIEWER                                                                                       |       |
| MHT 07/30/25                                                                                   |       |
| PROJECT ID                                                                                     |       |
| 116570                                                                                         |       |
| SHEET                                                                                          | TOTAL |
| P.0805                                                                                         | 1088  |





| HYDRAULIC DATA            |             |                     |
|---------------------------|-------------|---------------------|
| DRAINAGE AREA =           | 985.6 ACRES |                     |
| Q (25) =                  | 341 CFS     | V (25) = 8.51 FT/S  |
| Q (100) =                 | 488 CFS     | V (100) = 9.39 FT/S |
| ORDINARY HIGH WATER MARK: | 591.7 FT    |                     |
| DESIGN SERVICE LIFE:      | 75 YEARS    |                     |
| ABRASION LEVEL:           | 1           |                     |
| pH:                       | 6.4         |                     |

| EXISTING STRUCTURE |             |  |
|--------------------|-------------|--|
| TYPE:              | BOX CULVERT |  |
| SIZE:              | 8' X 6'     |  |
| SKEW:              | 93°00'39"   |  |
| ALIGNMENT:         | TANGENT     |  |
| DATE BUILT:        |             |  |
| CONDITION:         | GOOD        |  |
| CFN:               | 1832187     |  |



DESIGN SPECIFICATIONS:

THIS STRUCTURE CONFORMS TO THE 9th EDITION OF THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2020, AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

DESIGN DATA:

CONCRETE CLASS QC1 = COMPRESSIVE STRENGTH 4000 PSI (FOOTING, WINGWALL, AND FORSLOPE (WALL)

REINFORCING STEEL - ASTM A615, A616, OR A617 GRADE 60 MINIMUM YIELD STRENGTH 60 KSI (ALL REINFORCING SHALL BE EPOXY COATED)

REINFORCING STEEL COVER:

MINIMUM CONCRETE COVER OVER REINFORCING STEEL IS 2 INCHES UNLESS NOTED OTHERWISE IN THE PLANS.

POROUS BACKFILL WITH GEOTEXTILE FABRIC:

POROUS BACKFILL WITH GEOTEXTILE FABRIC 1'-6" THICK SHALL BE PLACED BEHIND THE WINGWALLS ONLY AND SHALL EXTEND 12 INCHES BELOW THE EMBANKMENT SURFACE. GEOTEXTILE FABRIC TYPE A SHALL BE PLACED BETWEEN THE POROUS BACKFILL AND REPLACED EXCAVATION ADJACENT TO THE STRUCTURE. IT SHALL TURN UNDER THE BOTTOM OF THE POROUS BACKFILL AND RETURN 6 INCHES ABOVE THE TOP ELEVATION OF THE WEEPHOLE.

WEEPHOLES SHALL BE PLACED 6 TO 12 INCHES ABOVE THE NORMAL WATER ELEVATION OR GROUND LINE AND SHALL HAVE A MAXIMUM SPACING OF 10'-0". A MINIMUM OF ONE WEEPHOLE SHALL BE PROVIDED PER WINGWALL.

PREFORMED EXPANSION JOINT FILLER:

PREFORMED EXPANSION JOINT FILLER (P.E.J.F.) CONFORMING TO C&MS 705.03, 1 INCH THICK, SHALL BE PLACED ABOVE THE FOOTING BETWEEN THE SIDES OF THE BOX CULVERT AND THE ENDS OF THE WINGWALLS. PAYMENT FOR MATERIALS AND INSTALLATION SHALL BE INCLUDED WITH ITEM 516 - 1" PREFORMED EXPANSION JOINT FILLER.

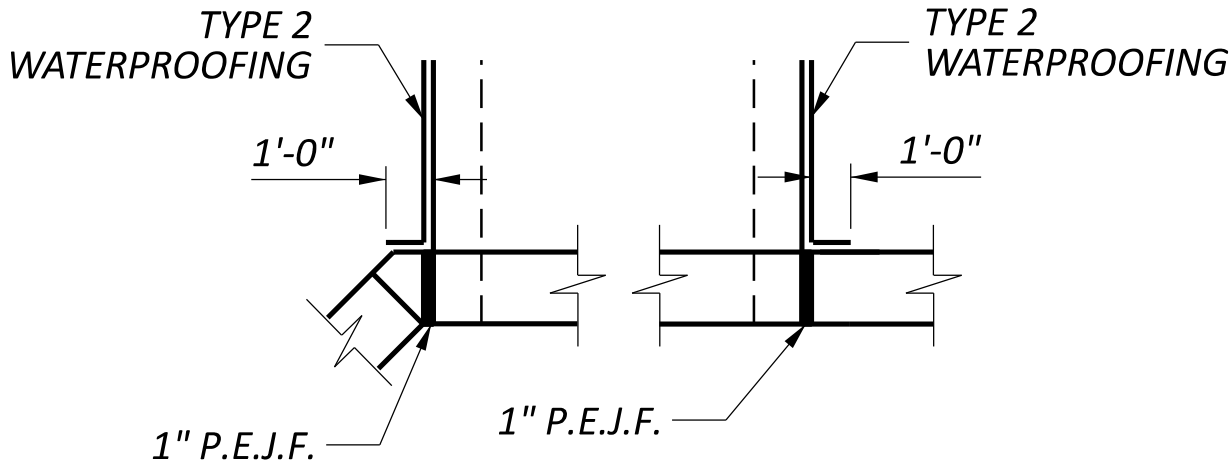
SEALING OF FORSLOPE WALL AND WINGWALLS:

ALL EXPOSED FORSLOPE WALL AND WINGWALL CONCRETE SHALL BE SEALED WITH EPOXY-URETHANE SEALER. THE LIMITS SHALL BE AS SHOWN IN THE DIAGRAMS TO THE RIGHT. PAYMENT FOR THE EPOXY-URETHANE SEALER SHALL BE PER ITEM 512 - SEALING OF CONCRETE SURFACES.

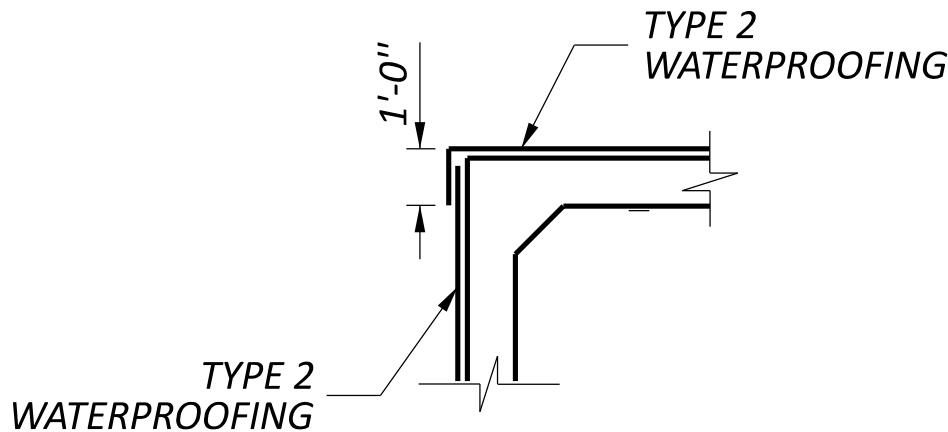
WATERPROOFING:

TYPE 2 WATERPROOFING, PER C&MS 512 AND 711.25, SHALL EXTEND VERTICALLY DOWN THE ENTIRE SIDES OF THE PRECAST CULVERT SECTIONS FOR ALL PORTIONS OF THE CULVERT WHICH SHALL BE IN CONTACT WITH THE BACKFILL. PAYMENT FOR THE MEMBRANE WATERPROOFING SHALL BE AT THE CONTRACT PRICE BID PER SQUARE YARD FOR ITEM 512 - TYPE 2 WATERPROOFING.

TYPE 2 WATERPROOFING, PER C&MS 512 AND 711.25, SHALL BE APPLIED TO THE ENTIRE TOP SURFACE OF THE PRECAST CULVERT SECTIONS AND SHALL EXTEND 1 FOOT VERTICALLY DOWN THE SIDES FOR ALL PORTIONS OF THE CULVERT WHICH SHALL BE IN CONTACT WITH THE BACKFILL. PAYMENT FOR THE MEMBRANE WATERPROOFING SHALL BE AT THE CONTRACT PRICE BID PER SQUARE YARD FOR ITEM 512 - TYPE 2 WATERPROOFING.



PLAN VIEW

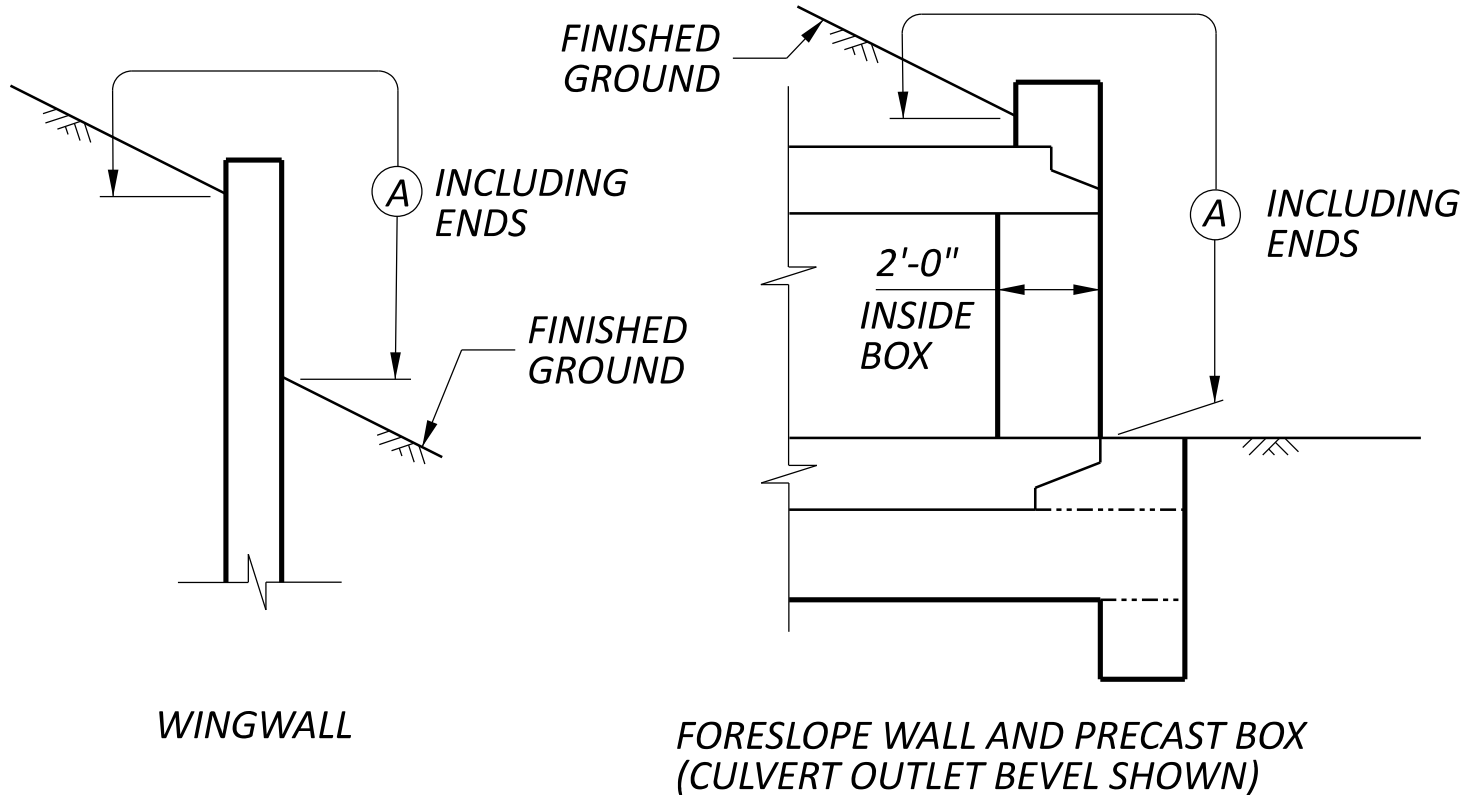


SECTION VIEW

WATERPROOFING DETAILS

LEGEND

|          |                                  |
|----------|----------------------------------|
| ATG.     | ADJUST TO GRADE                  |
| BOT.     | BOTTOM                           |
| C.J.     | CONSTRUCTION JOINT               |
| CL       | CENTER LINE                      |
| DIA.     | DIAMETER                         |
| E.F.     | EACH FACE                        |
| F.F.     | FAR FACE                         |
| MAX.     | MAXIMUM                          |
| MIN.     | MINIMUM                          |
| N.F.     | NEAR FACE                        |
| P.E.J.F. | PREFORMED EXPANSION JOINT FILLER |
| SPA.     | SPACING                          |
| TBR      | TO BE REMOVED                    |
| TYP.     | TYPICAL                          |



LIMITS OF ITEM 512-SEALING CONCRETE SURFACES

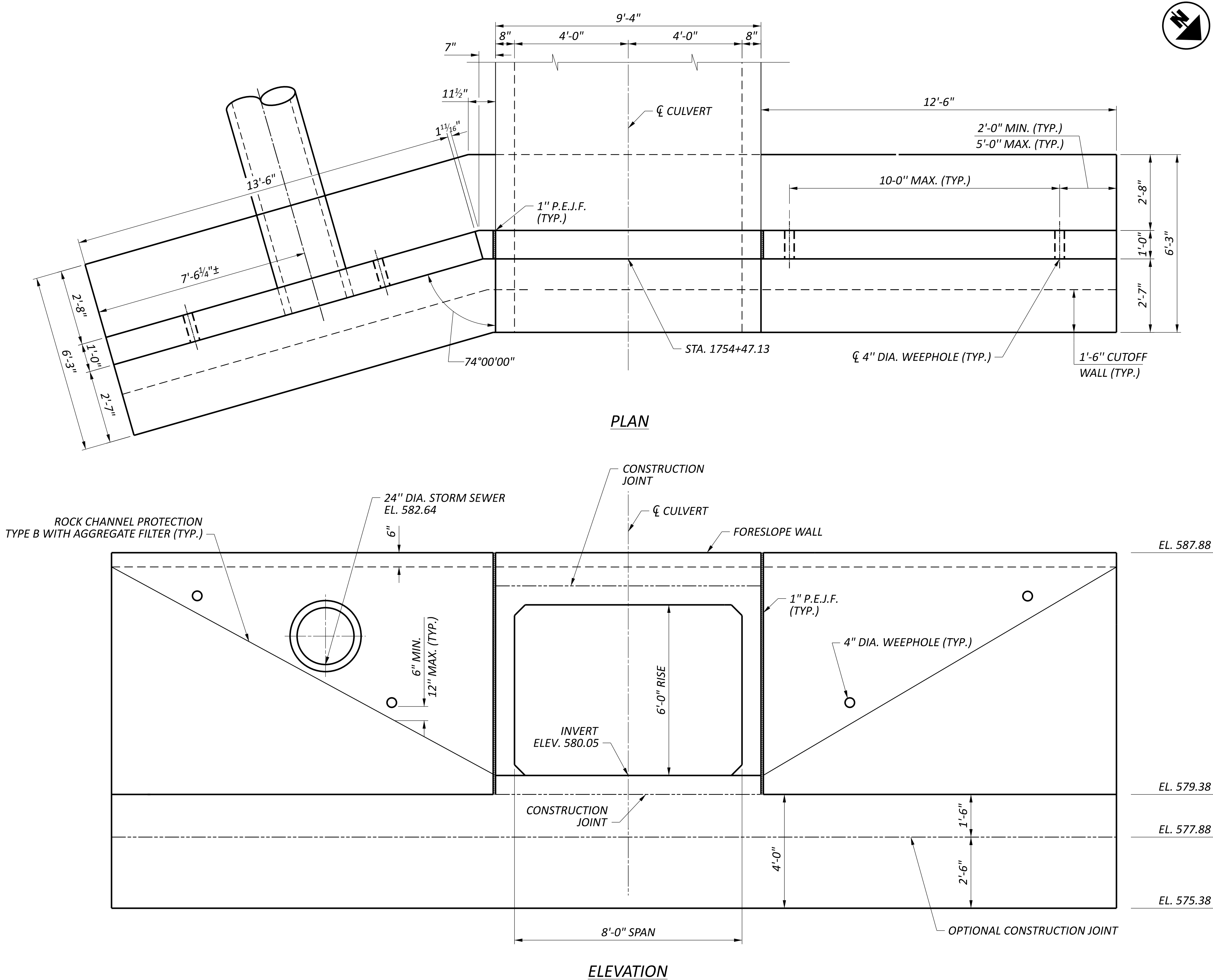
(A) - SEAL ENTIRE CONCRETE SURFACE AREA

ESTIMATED QUANTITIES

| ITEM | EXTENSION | TOTAL | UNIT | DESCRIPTION                                                                     |
|------|-----------|-------|------|---------------------------------------------------------------------------------|
| 202  | 11000     | LS    |      | STRUCTURE REMOVED                                                               |
| 503  | 11100     | LS    |      | COFFERDAMS AND EXCAVATION BRACING                                               |
| 503  | 21300     | LS    |      | UNCLASSIFIED EXCAVATION                                                         |
| 509  | 10000     | 2390  | LB   | EPOXY COATED STEEL REINFORCEMENT                                                |
| 511  | 46000     | 25    | SY   | CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING                    |
| 511  | 46510     | 18    | CY   | CLASS QC1 CONCRETE, FOOTING                                                     |
| 511  | 46611     | 1     | CY   | CLASS QC1 CONCRETE, HEADWALL, AS PER PLAN                                       |
| 512  | 10100     | 20    | SY   | SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)                                   |
| 512  | 33000     | 11    | SY   | TYPE 2 WATERPROOFING                                                            |
| 516  | 13600     | 17    | SF   | 1" PREFORMED EXPANSION JOINT FILLER                                             |
| 518  | 21230     | LS    |      | POROUS BACKFILL WITH GEOTEXTILE FABRIC                                          |
| 601  | 10990     | 82    | SY   | <del>RIPRAP, TYPE C</del> ROCK CHANNEL PROTECTION, TYPE B WITH AGGREGATE FILTER |
| 611  | 94910     | 4     | FT   | 8' X 6' CONDUIT, TYPE A, 706.05                                                 |

NOTE: TOTALS CARRIED TO CULVERT SUBSUMMARY SHEET





NOTES:

- FOR FOOTING DETAILS, SEE SHEET P.0809 OF 1088.
- FOR FORESLOPE WALL QUANTITIES, SEE SHEET P.0807 OF 1088.
- POROUS BACKFILL NOT SHOWN FOR CLARITY.

OUTLET PLAN AND ELEVATION  
US 6 STA. 1754+38

|                                                                         |       |
|-------------------------------------------------------------------------|-------|
| DESIGN AGENCY                                                           |       |
| TRANSYSTEMS<br>400 W. WATSONWIDE BLVD., STE 225<br>COLUMBUS, OHIO 43215 |       |
| DESIGNER                                                                |       |
| NLD                                                                     |       |
| REVIEWER                                                                |       |
| MHT 07/30/25                                                            |       |
| PROJECT ID                                                              |       |
| 116570                                                                  |       |
| SHEET                                                                   | TOTAL |
| P.0808                                                                  | 1088  |



[illegible]

8'-6"

2'-7"

1'-0"

2'-8"

FINISHED GROUND LINE (TYP.)

W501

W502, W504, OR W505 (E.F.)

W503 C.J.

W504

W505

W506

W507

W508

W509

W510

W511

W512

W513

W514

W515

W516

W517

W518

W519

W520

W521

W522

W523

W524

W525

W526

W527

W528

W529

W530

W531

W532

W533

W534

W535

W536

W537

W538

W539

W540

W541

W542

W543

W544

W545

W546

W547

W548

W549

W550

W551

W552

W553

W554

W555

W556

W557

W558

W559

W560

W561

W562

W563

W564

W565

W566

W567

W568

W569

W570

W571

W572

W573

W574

W575

W576

W577

W578

W579

W580

W581

W582

W583

W584

W585

W586

W587

W588

W589

W590

W591

W592

W593

W594

W595

W596

W597

W598

W599

W600

W601

W602

W603

W604

W605

W606

W607

W608

W609

W610

W611

W612

W613

W614

W615

W616

W617

W618

W619

W620

W621

W622

W623

W624

W625

W626

W627

W628

W629

W630

W631

W632

W633

W634

W635

W636

W637

W638

W639

W640

W641

W642

W643

W644

W645

W646

W647

W648

W649

W650

W651

W652

W653

W654

W655

W656

W657

W658

W659

W660

W661

W662

W663

W664

W665

W666

W667

W668

W669

W670

W671

W672

W673

W674

W675

W676

W677

W678

W679

W680

W681

W682

W683

W684

W685

W686

W687

W688

W689

W690

W691

W692

W693

W694

W695

W696

W697

W698

W699

W700

W701

W702

W703

W704

W705

W706

W707

W708

W709

W710

W711

W712

W713

W714

W715

W716

W717

W718

W719

W720

W721

W722

W723

W724

W725

W726

W727

W728

W729

W730

W731

W732

W733

W734

W735

W736

W737

W738

W739

W740

W741

W742

W743

W744

W745

W746

W747

W748

W749

W750

W751

W752

W753

W754

W755

W756

W757

W758

W759

W760

W761

W762

W763

W764

W765

W766

W767

W768

W769

W770

W771

W772

W773

W774

W775

W776

W777

W778

W779

W780

W781

W782

W783

W784

W785

W786

W787

W788

W789

W790

W791

W792

W793

W794

W795

W796

W797

W798

W799

W800

W801

W802

W803

W804

W805

W806

W807

W808

W809

W810

W811

W812

W813

W814

W815

W816

W817

W818

W819

W820

W821

W822

W823

W824

W825

W826

W827

W828

W829

W830

W831

W832

W833

W834

W835

W836

W837

W838

W839

W840

W841

W842

W843

W844

W845

W846

W847

W848

W849

W850

W851

W852

W853

W854

W855

W856

W857

W858

W859

W860

W861

W862

W863

W864

W865

W866

W867

W868

W869

W870

W871

W872

W873

W874

W875

W876

W877

W878

W879

W880

W881

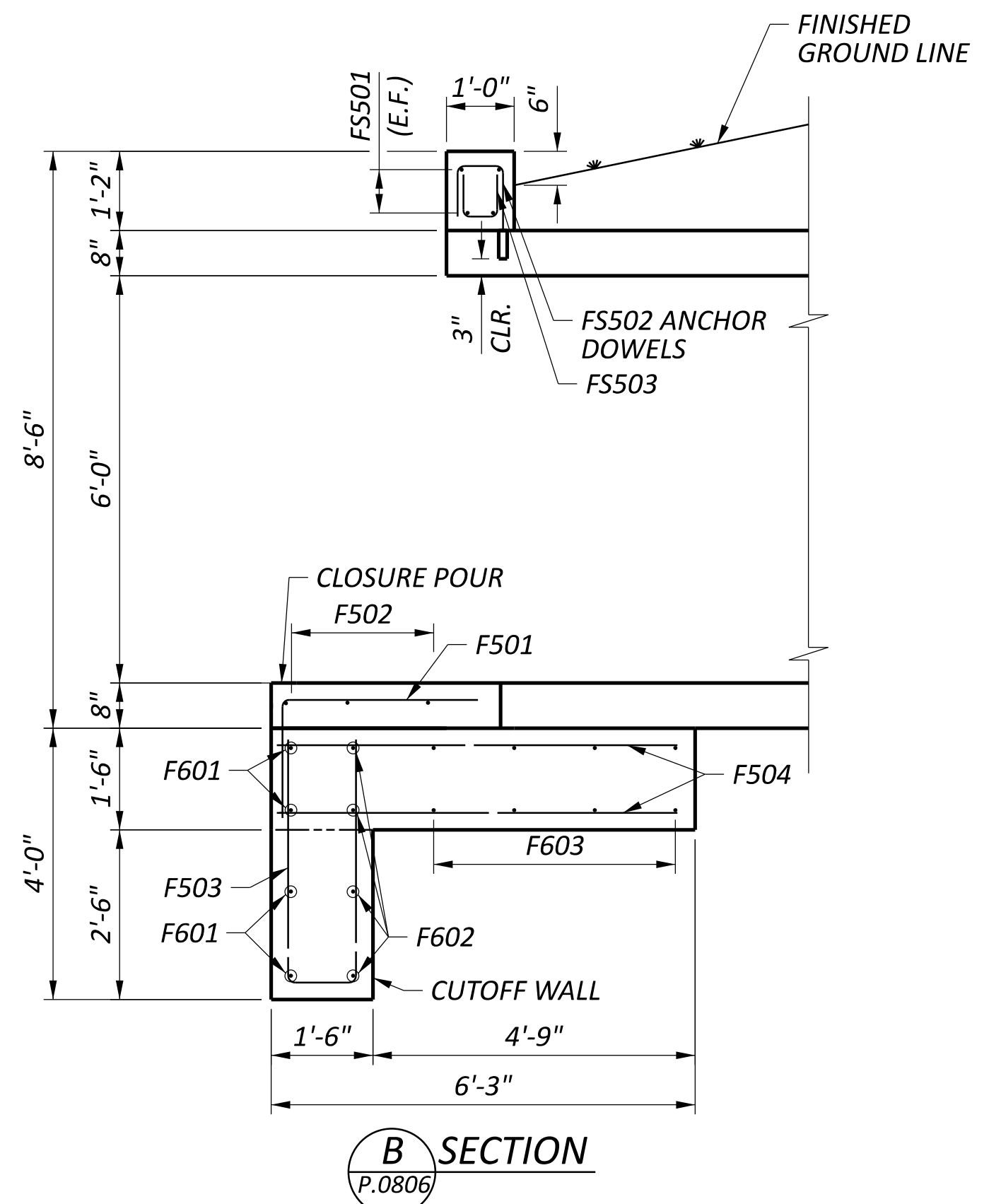
W882

W883

W884

W885

**A** SECTION  
P.0806 (POROUS BACKFILL NOT SHOWN FOR CLARITY)

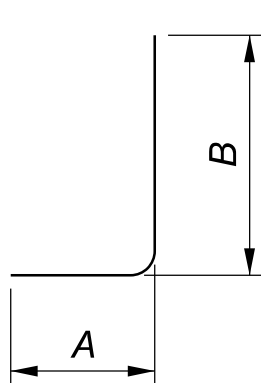


**B** SECTION  
P.0806

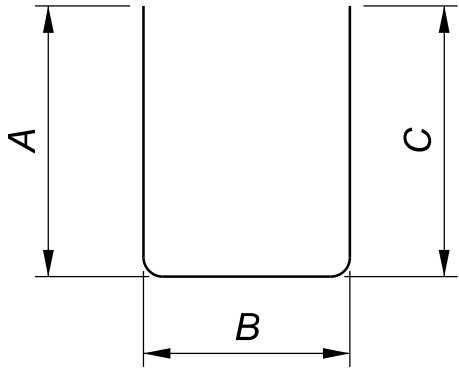
1. FOR CULVERT LOCATION PLAN, SEE SHEET P.0806 OF 1088.
2. FOR GENERAL NOTES, SEE SHEET P.0807 OF 1088.
3. FOR REINFORCING STEEL LIST, SEE SHEET P.0810 OF 1088.
4. MINIMUM LAP SPLICE LENGTHS ARE 3'-1" FOR #5 BARS,  
AND 4'-0" FOR #6 BARS.



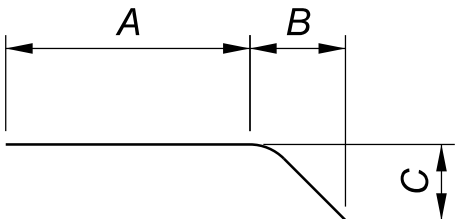
| MARK      | NUMBER  | LENGTH | MATERIAL | WEIGHT<br>OR<br>LENGTH | TYPE                                             | DIMENSIONS |            |        |   |   |   |        |
|-----------|---------|--------|----------|------------------------|--------------------------------------------------|------------|------------|--------|---|---|---|--------|
|           |         |        |          |                        |                                                  | A          | B          | C      | D | E | R | INC.   |
| CULVERT   |         |        |          |                        |                                                  |            |            |        |   |   |   |        |
| F501      | 6       | 4'-9"  | ECSR     | 30                     | 1                                                | 3'-0"      | 1'-10"     |        |   |   |   |        |
| F502      | 3       | 9'-0"  | ECSR     | 28                     | STR                                              |            |            |        |   |   |   |        |
| F503      | 27      | 8'-3"  | ECSR     | 228                    | 2                                                | 3'-7"      | 1'-2"      | 3'-7"  |   |   |   |        |
| F504      | 27      | 5'-11" | ECSR     | 167                    | STR                                              |            |            |        |   |   |   |        |
|           |         |        |          |                        |                                                  |            |            |        |   |   |   |        |
| F601      | 4       | 21'-4" | ECSR     | 128                    | STR                                              |            |            |        |   |   |   |        |
| F602      | 4       | 21'-6" | ECSR     | 129                    | STR                                              |            |            |        |   |   |   |        |
|           | 2       | 21'-8" |          |                        |                                                  |            |            |        |   |   |   |        |
| F603      | SER. OF | TO     | ECSR     | 263                    | STR                                              |            |            |        |   |   |   | 1 5/8" |
|           | 4       | 22'-1" |          |                        |                                                  |            |            |        |   |   |   |        |
| F604      | 4       | 16'-3" | ECSR     | 98                     | 19                                               | 13'-5"     | 2'-8 3/4"  | 9 1/2" |   |   |   |        |
| F605      | 4       | 16'-6" | ECSR     | 99                     | 19                                               | 13'-6 1/2" | 2'-10 1/4" | 9 3/4" |   |   |   |        |
|           | 2       | 16'-3" |          |                        |                                                  | 13'-6"     | 2'-7 1/2"  | 9"     |   |   |   |        |
| F606      | SER. OF | TO     | ECSR     | 195                    | 19                                               | TO         | TO         | TO     |   |   |   | 3/8"   |
|           | 4       | 16'-2" |          |                        |                                                  | 14'-2 1/2" | 1'-11 1/4" | 6 3/4" |   |   |   |        |
|           |         |        |          |                        |                                                  |            |            |        |   |   |   |        |
| W501      | 38      | 8'-1"  | ECSR     | 320                    | STR                                              |            |            |        |   |   |   |        |
| W502      | 14      | 12'-1" | ECSR     | 176                    | STR                                              |            |            |        |   |   |   |        |
| W503      | 36      | 5'-7"  | ECSR     | 210                    | 1                                                | 10"        | 4'-10"     |        |   |   |   |        |
| W504      | 7       | 13'-6" | ECSR     | 99                     | 19                                               | 13'-4"     | 2 1/2"     | 3/4"   |   |   |   |        |
| W505      | 7       | 13'-9" | ECSR     | 100                    | 19                                               | 13'-5 1/2" | 3 1/2"     | 1"     |   |   |   |        |
| W506      | 8       | 3'-10" | ECSR     | 32                     | STR                                              |            |            |        |   |   |   |        |
|           |         |        |          |                        |                                                  |            |            |        |   |   |   |        |
| FS501     | 4       | 9'-0"  | ECSR     | 38                     | STR                                              |            |            |        |   |   |   |        |
| FS502     | 10      | 2'-8"  | ECSR     | 28                     | 2                                                | 10"        | 8"         | 1'-5"  |   |   |   |        |
| FS503     | 10      | 2'-1"  | ECSR     | 22                     | 2                                                | 10"        | 8"         | 10"    |   |   |   |        |
|           |         |        |          |                        |                                                  |            |            |        |   |   |   |        |
|           |         |        |          |                        |                                                  |            |            |        |   |   |   |        |
|           |         |        |          |                        |                                                  |            |            |        |   |   |   |        |
|           |         |        |          |                        |                                                  |            |            |        |   |   |   |        |
|           |         |        |          |                        |                                                  |            |            |        |   |   |   |        |
| SUB-TOTAL |         |        |          | 2390                   | ITEM 509E10000, EPOXY COATED STEEL REINFORCEMENT |            |            |        |   |   |   |        |



TYPE-1



TYPE-2



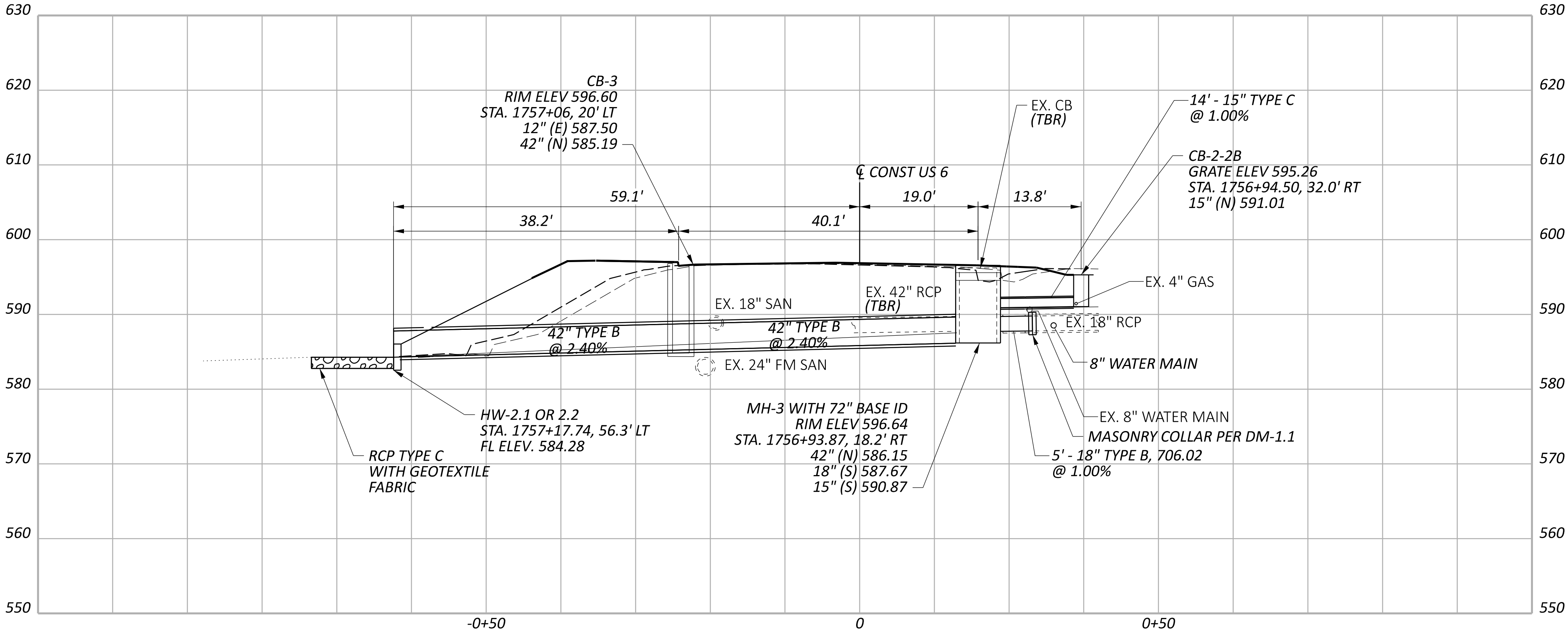
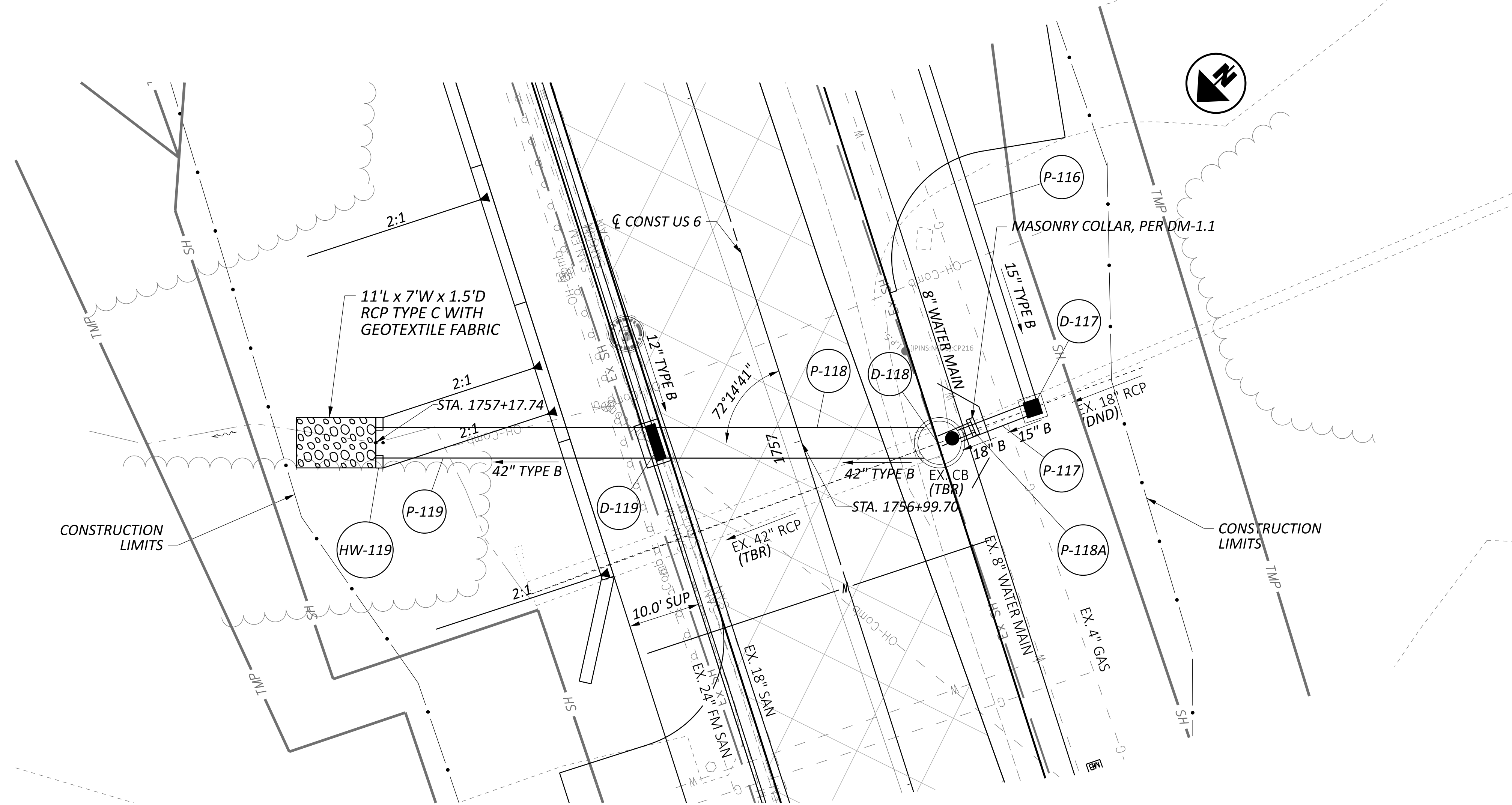
TYPE-19

- NOTES:
- ALL REINFORCING STEEL SHALL BE EPOXY COATED.
  - BAR SIZE: THE BAR SIZE IS INDICATED IN THE BAR MARK COLUMN. THE MARK BEGINS WITH ONE TO TWO LETTERS THAT IDENTIFY THE BAR LOCATION. THE LAST TWO DIGITS ARE THE SEQUENCE NUMBER.  
EXAMPLE: W501  
W = WINGWALL  
5 = #5 BAR  
01 = BAR SEQUENCE NUMBER 1
  - BAR DIMENSIONS SHOWN ARE OUT TO OUT UNLESS NOTED OTHERWISE.
  - "STR" IN THE BAR TYPE COLUMN INDICATES A STRAIGHT BAR.
  - "INC" INDICATES THE LENGTH INCREMENT FOR SERIES BARS.
  - "R" INDICATES THE INSIDE RADIUS UNLESS NOTED OTHERWISE.

REINFORCING STEEL LIST  
US 6 STA. 1754+38

|                                                                         |       |
|-------------------------------------------------------------------------|-------|
| DESIGN AGENCY                                                           |       |
| TRANSYSTEMS<br>400 W. NATIONWIDE BLVD., STE 225<br>COLUMBUS, OHIO 43215 |       |
| DESIGNER                                                                |       |
| NLD                                                                     |       |
| REVIEWER                                                                |       |
| MHT 07/30/25                                                            |       |
| PROJECT ID                                                              |       |
| 116570                                                                  |       |
| SHEET                                                                   | TOTAL |
| P.0810                                                                  | 1088  |



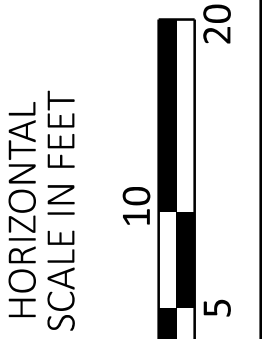


| ESTIMATED QUANTITIES |          |      |                                                        |
|----------------------|----------|------|--------------------------------------------------------|
| ITEM                 | QUANTITY | UNIT | DESCRIPTION                                            |
| 601                  | 4        | CY   | ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC |
| 602                  | 0.92     | CY   | CONCRETE MASONRY                                       |
| 611                  | 78       | FT   | 42" CONDUIT, TYPE B                                    |
|                      |          |      |                                                        |
|                      |          |      |                                                        |
|                      |          |      |                                                        |
|                      |          |      |                                                        |
|                      |          |      |                                                        |

TOTALS CARRIED TO CULVERT SUBSUMMARY SHEET

| HYDRAULIC DATA                   |                     |                      |  |
|----------------------------------|---------------------|----------------------|--|
| DRAINAGE AREA = 2.49 ACRES       |                     |                      |  |
| Q (25) = 6.92 CFS                | V (25) = 8.64 FT/S  | HW (25) = 587.18 FT  |  |
| Q (100) = 8.20 CFS               | V (100) = 0.85 FT/S | HW (100) = 587.80 FT |  |
| ORDINARY HIGH WATER MARK: N/A FT |                     |                      |  |
| DESIGN SERVICE LIFE: 75 YEARS    |                     |                      |  |
| ABRASION LEVEL: 1                |                     |                      |  |
| pH: 7                            |                     |                      |  |

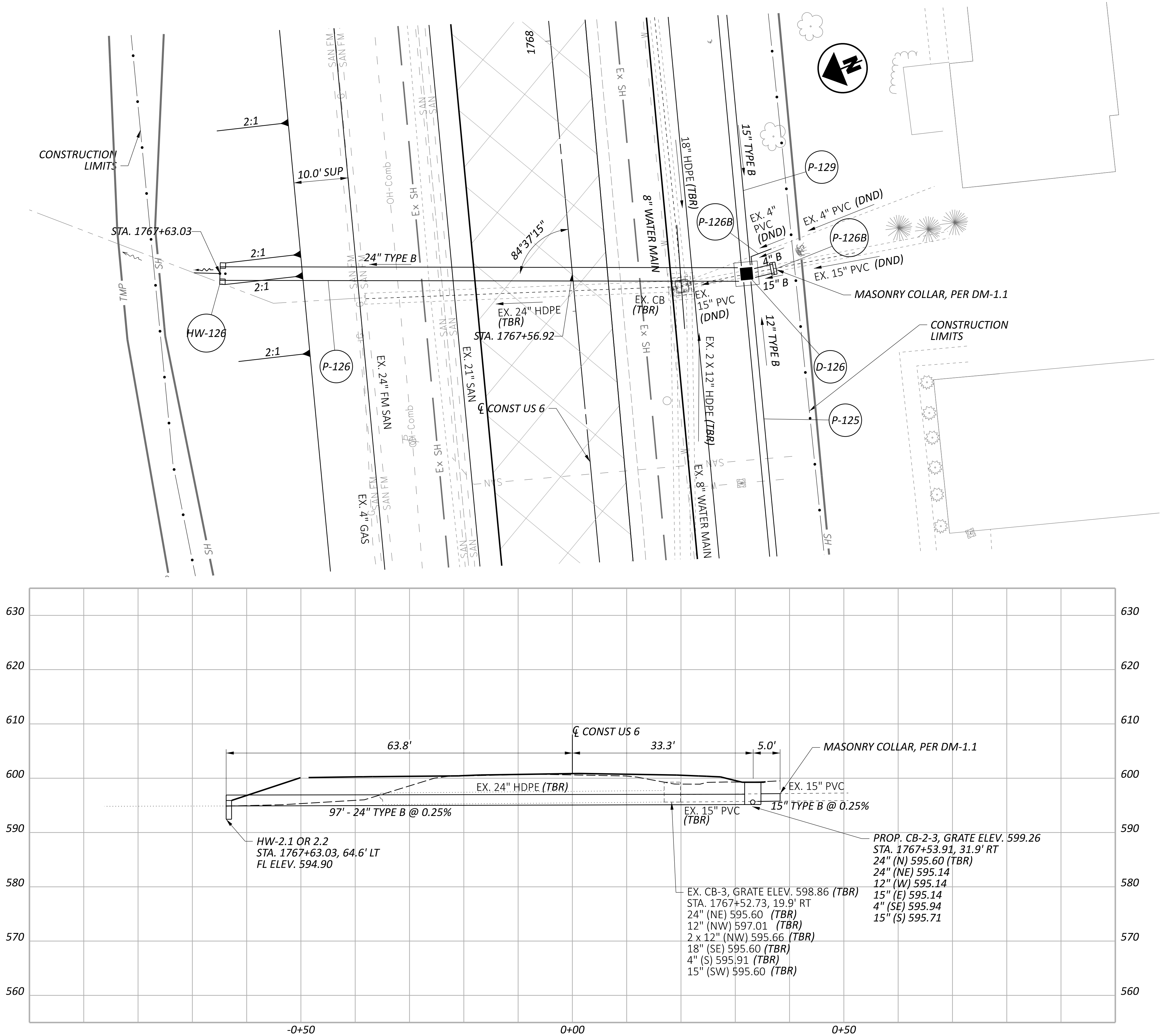
| PROPOSED STRUCTURE |                  |
|--------------------|------------------|
| TYPE:              | CIRCULAR, TYPE B |
| SIZE:              | 42"              |
| SKEW:              | 72°14'41"        |
| ALIGNMENT:         | TANGENT          |
| DATE BUILT:        |                  |
| CONDITION:         | GOOD             |
| CFN:               | 1995422          |



CULVERT DETAILS  
US 6 STA. 1757+00

|                                                                       |              |
|-----------------------------------------------------------------------|--------------|
| DESIGN AGENCY                                                         |              |
| TRANSYSTEMS<br>400 W. WATKINS BLVD., STE. 225<br>COLUMBUS, OHIO 43215 |              |
| DESIGNER                                                              | NLD          |
| REVIEWER                                                              | MHT 07/30/25 |
| PROJECT ID                                                            | 116570       |
| SHEET                                                                 | TOTAL        |
| P.0811                                                                | 1088         |





| ESTIMATED QUANTITIES |          |      |                     |
|----------------------|----------|------|---------------------|
| ITEM                 | QUANTITY | UNIT | DESCRIPTION         |
| 602                  | 0.46     | CY   | CONCRETE MASONRY    |
| 611                  | 97       | FT   | 24" CONDUIT, TYPE B |
|                      |          |      |                     |
|                      |          |      |                     |
|                      |          |      |                     |
|                      |          |      |                     |
|                      |          |      |                     |

TOTALS CARRIED TO CULVERT SUBSUMMARY SHEET

| HYDRAULIC DATA                   |                     |                      |  |
|----------------------------------|---------------------|----------------------|--|
| DRAINAGE AREA = 1.80 ACRES       |                     |                      |  |
| Q (25) = 4.90 CFS                | V (25) = 4.32 FT/S  | HW (25) = 596.33 FT  |  |
| Q (100) = 5.82 CFS               | V (100) = 1.85 FT/S | HW (100) = 597.03 FT |  |
| ORDINARY HIGH WATER MARK: N/A FT |                     |                      |  |
| DESIGN SERVICE LIFE: 75 YEARS    |                     |                      |  |
| ABRASION LEVEL: 1                |                     |                      |  |
| pH: 7                            |                     |                      |  |

| PROPOSED STRUCTURE |                     |
|--------------------|---------------------|
| TYPE:              | CYLINDRICAL, TYPE B |
| SIZE:              | 24"                 |
| SKEW:              | 84°37'15"           |
| ALIGNMENT:         | TANGENT             |
| DATE BUILT:        |                     |
| CONDITION:         | VERY GOOD           |
| CFN:               | 1995423             |



CULVERT DETAILS  
US 6 STA. 1767+57

|                                                                          |              |
|--------------------------------------------------------------------------|--------------|
| DESIGN AGENCY                                                            |              |
| TRANSYSTEMS<br>400 W. NATIONWIDE BLVD., STE. 225<br>COLUMBUS, OHIO 43215 |              |
| DESIGNER                                                                 | NLD          |
| REVIEWER                                                                 | MHT 07/30/25 |
| PROJECT ID                                                               | 116570       |
| SHEET                                                                    | TOTAL        |
| P.0812                                                                   | 1088         |





TOTALS CARRIED TO CULVERT SUBSUMMARY SHEET

***EXISTING STRUCTURE***

---

TYPE: CYLINDRICAL, TYPE A

SIZE: 36"

SKEW: 57°49'46"

ALIGNMENT: TANGENT

DATE BUILT:

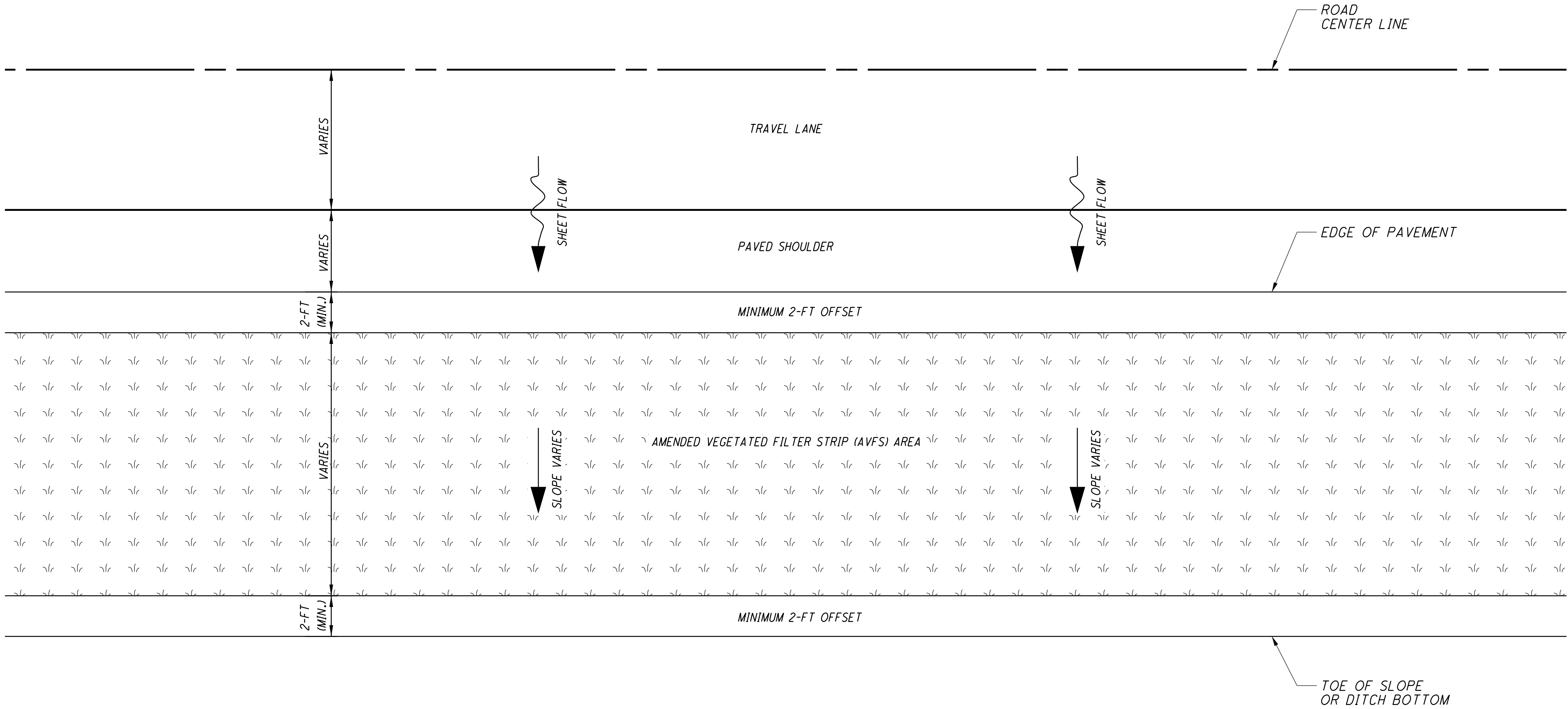
CONDITION:

CFN: 1995424

CULVERT DETAILS  
US 6 STA. 1798+09

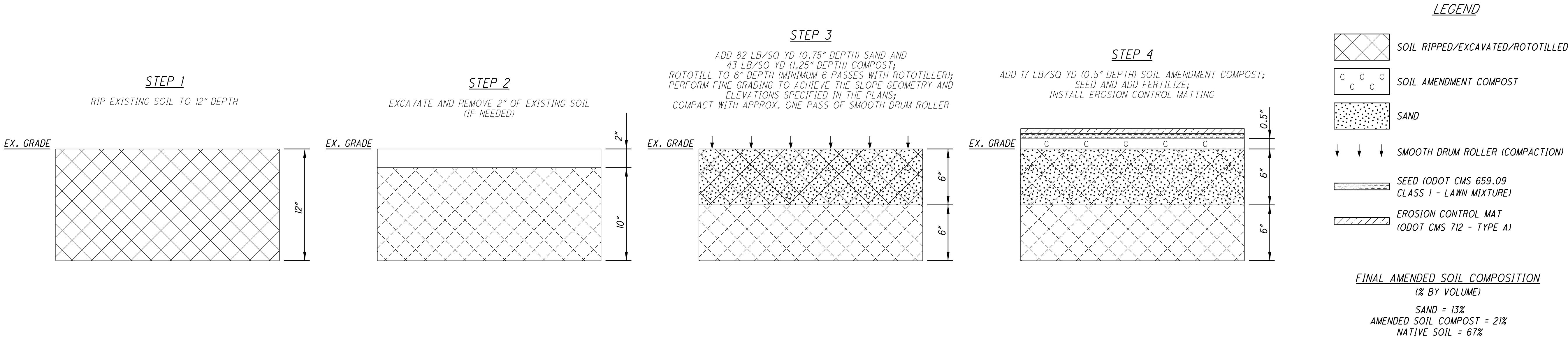
|             |       |
|-------------|-------|
| DESIGNER    |       |
| NLD         |       |
| REVIEWER    |       |
| MHT 07/30/2 |       |
| PROJECT ID  |       |
| 116570      |       |
| SHEET       | TOTAL |
| P.0813      | 1088  |





AMENDED VEGETATED FILTER STRIP (AVFS)

NOT TO SCALE





RENOVATING EXISTING SOIL, AS PER PLAN

AMENDED VEGETATED FILTER STRIP (AVFS)

THE AMENDED VEGETATED FILTER STRIP (AVFS) CONSISTS OF THE GRASSED PORTION OF THE GRADED SHOULDER AND GRASSED FORESLOPE, WHERE THE UNDERLYING SOILS HAVE BEEN AMENDED WITH COMPOST AND SAND. THE AVFS SHOULD BE IMPLEMENTED IN A STRIP, PARALLEL WITH THE ROADWAY, SO THAT IT CAN RECEIVE SHEET FLOW DIRECTLY FROM THE ROADWAY.

MATERIAL SPECIFICATIONS

SAND

- 1. MEET ODOT CMS 703.02 - FINE AGGREGATE

SOIL AMENDMENT COMPOST

- 1. SOIL AMENDMENT COMPOST SHALL ORIGINATE FROM AN OHIO EPA CLASS IV COMPOSTING FACILITY.
- 2. 100% OF MATERIAL MUST PASS THE 1/2-INCH SCREEN, WITH 75% PASSING THE 1/4-INCH SCREEN.
- 3. 5.5 < PH < 8.5
- 4. INERT MATERIAL < 1%
- 5. 35% < ORGANIC CONTENT < 65% (DRY WEIGHT BASIS DETERMINED BY LOSS OF IGNITION)
- 6. 20% < C:N RATIO < 25%
- 7. MATURITY > 80% (SOLVITA INDEX VALUE BETWEEN 7 AND 8). PARENT MATERIAL IS NO LONGER VISIBLE. COMPOST SHOULD BE STABLE WITH REGARD TO OXYGEN CONSUMPTION AND CARBON DIOXIDE GENERATION.
- 8. < 1,000 MPN/GTS FECAL COLIFORM AND < 3 MPN/GTS SALMONELLA SPP.
- 9. 30% < MOISTURE CONTENT < 60% WET BASIS
- 10. SOIL AMENDMENT COMPOST SAMPLES SHOULD BE TAKEN FROM THE MATERIAL STOCKPILED BY THE SUPPLIER WITHIN 15 CALENDAR DAYS PRIOR TO INITIAL APPLICATION. SUBMIT LABORATORY RESULTS TO THE ENGINEER FOR APPROVAL. SOIL AMENDMENT COMPOST THAT DOES NOT MEET THE SPECIFICATION SHALL NOT BE USED.

SEED

- 1. MEET ODOT CMS 659.09 - CLASS 1 - LAWN MIXTURE

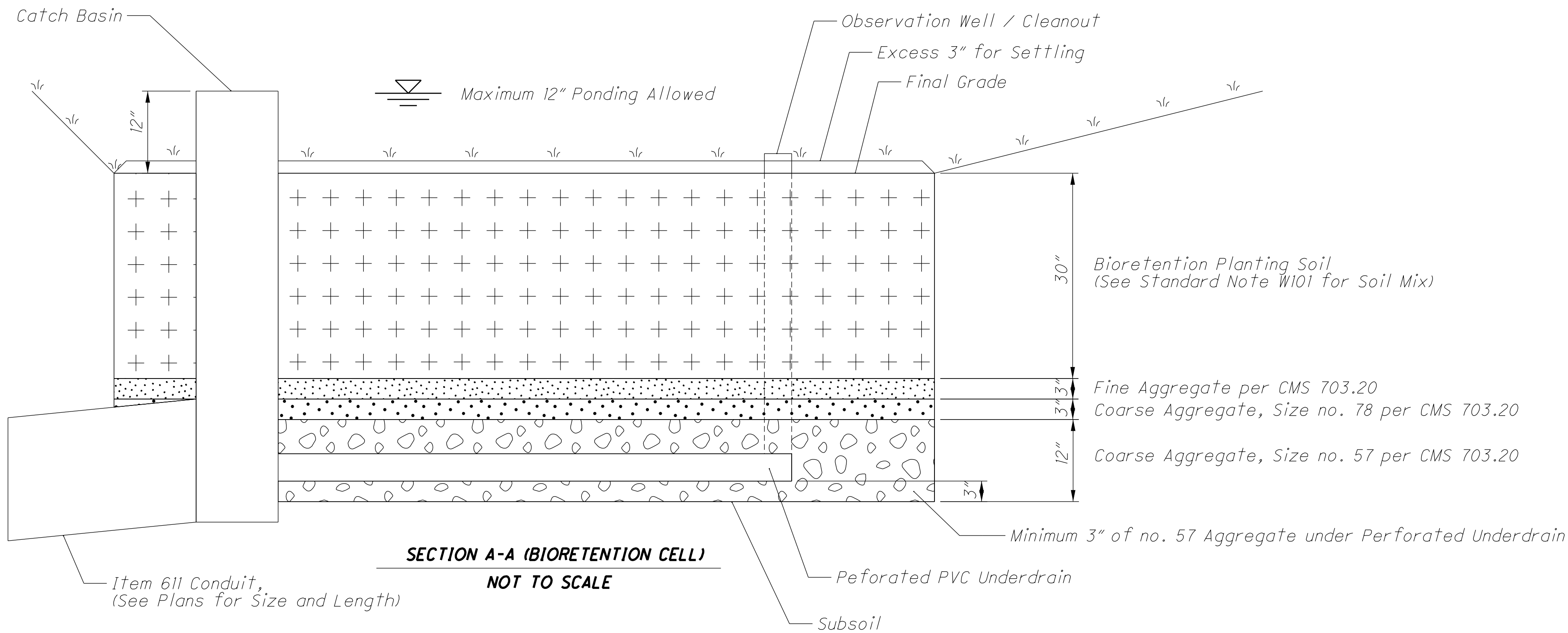
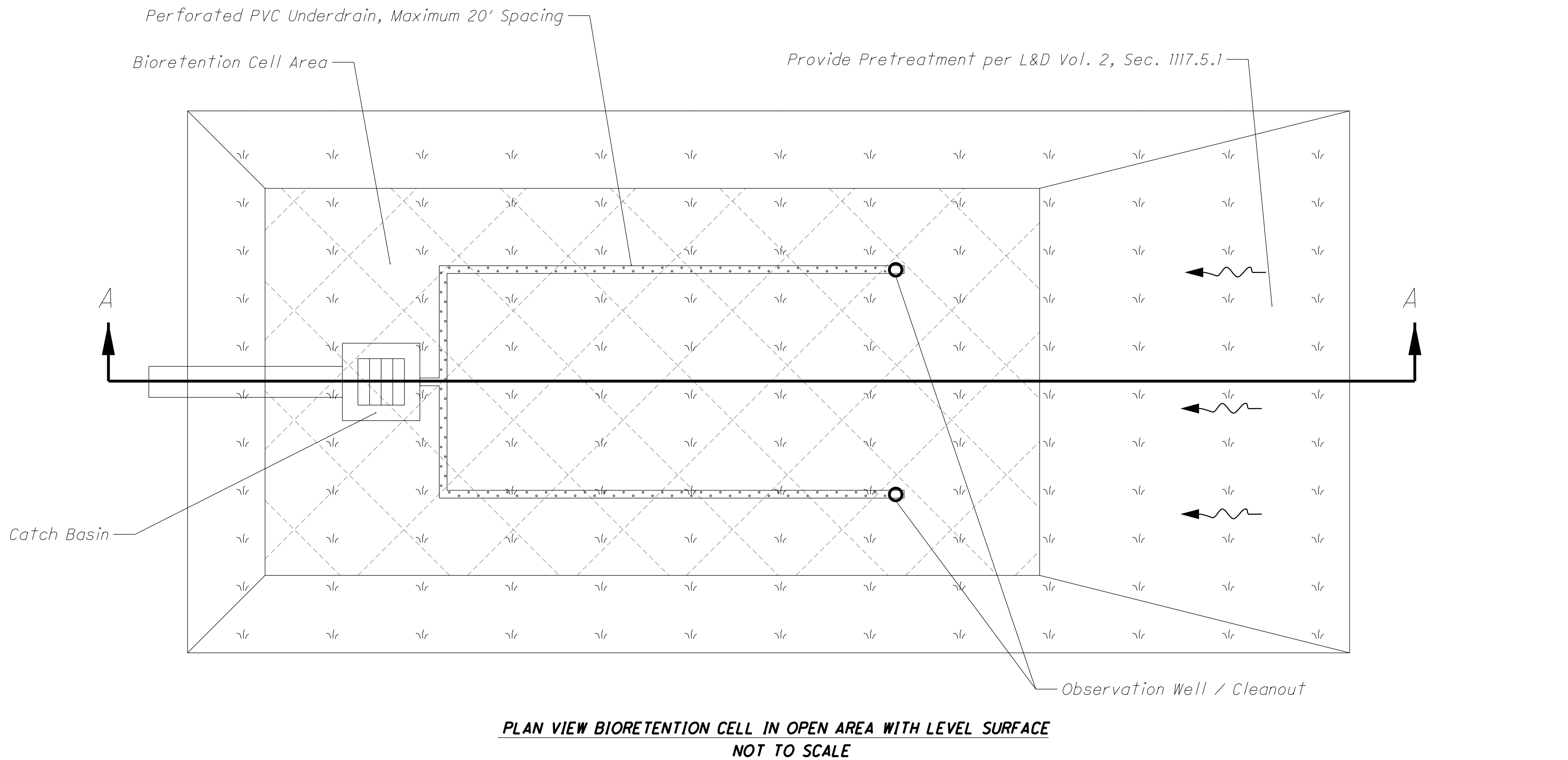
EROSION CONTROL MAT

- 1. MEET ODOT CMS 712 - TYPE A - TEMPORARY EROSION CONTROL MAT

CONSTRUCTION PROCEDURE

- 1. SOIL RIPPING: USE A SOLID-SHANK RIPPER WITH TEETH, TRAVERSING THE AREA WITH 2 PASSES IN EACH DIRECTION TO A DEPTH OF 12 INCHES. EACH PASS IS CONSIDERED THE WIDTH OF THE RIPPER, WITH TEETH SPACED NO MORE THAN 12 INCHES APART. THIS MAY BE ACCOMPLISHED WITH IMPLEMENTS MOUNTED TO A TRACTOR OR DOZER OR USE OF A GRADER WITH APPROPRIATE IMPLEMENTS (SCARIFIER TEETH), BUT MUST MEET THE 12-INCH DEPTH. IF TEETH ARE SPACED GREATER THAN 12 INCHES, ADDITIONAL PASSES ARE REQUIRED TO MEET A FURROW SPACING OF 6 INCHES. ONLY PERFORM RIPPING DURING DRY CONDITIONS WHEN SOILS ARE FRIABLE.
- 2. EXCAVATION: REMOVE EXCESS SOIL, SO THAT AFTER THE AMENDMENTS HAVE BEEN INCORPORATED INTO THE EXISTING SOIL, THE EXISTING GROUND SURFACE PROFILE WILL NOT APPRECIABLY CHANGE.
- 3. AMENDMENT PLACEMENT AND INCORPORATION: SPREAD AMENDMENTS OVER THE GROUND SURFACE IN A UNIFORM THICKNESS TO THE SPECIFIED AMENDMENT DEPTH. INCORPORATE AMENDMENTS WITH A ROTOTILLER OR SIMILAR EQUIPMENT INTO THE SOIL TO A DEPTH OF 6 INCHES. CONTINUE TILLING UNTIL ALL SOIL CLODS ARE REDUCED TO A MAXIMUM SIZE OF 1-INCH (25 MM) AND THE MIXTURE IS UNIFORM. INCORPORATION SHOULD ONLY BE PERFORMED DURING DRY CONDITIONS WHEN SOILS ARE FRIABLE. SIX PASSES (PASS IS THE WIDTH OF THE MACHINE) WITH A ROTOTILLER OR SIMILAR IS ANTICIPATED TO MEET THE UNIFORMITY REQUIREMENT.
- 4. FINE GRADING AND LIMITED COMPACTION: PERFORM FINE GRADING TO ACHIEVE THE SLOPE GEOMETRY AND ELEVATIONS SPECIFIED IN THE PLANS. TO ACHIEVE AN APPROXIMATE COMPACTION OF 85 TO 90% MAXIMUM DENSITY, ONE PASS WITH A RUBBER-TIRED OR SMOOTH DRUM ROLLER IS ANTICIPATED.
- 5. COMPOST BLANKET: EVENLY SPREAD A 0.5-INCH THICK LAYER OF SOIL AMENDMENT COMPOST OVER THE GROUND SURFACE.
- 6. SEEDING AND WATERING: ODOT CLASS I LAWN MIXTURE (ODOT ITEM 659.09) INSTALLED PER ITEM 659. RAKE SEED INTO SOIL AMENDMENT COMPOST. CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING A MINIMUM OF 70% PERMANENT VEGETATION COVERAGE WITHIN THE PROJECT SCHEDULE. WATERING MAY BE NECESSARY.
- 7. FERTILIZER: APPLY THE FOLLOWING FERTILIZER AND RATES. FOLLOW ODOT ITEM 659.04 SPECIFICATION FOR APPLICATION OF FERTILIZER.
  - 1.0 LB./1,000 FT2 POTASSIUM
  - 2.5 LB./1,000 FT2 POTASH
  - 1.0 LB./1,000 FT2 MAGNESIUM
- 8. EROSION CONTROL MATTING: ODOT CMS ITEM 712 TYPE A TEMPORARY EROSION CONTROL MAT. INSTALL PER ODOT ITEM 671. DO NOT RUN MACHINERY/EQUIPMENT OVER THE AMENDED SOILS DURING INSTALLATION OF THE EROSION CONTROL MAT.

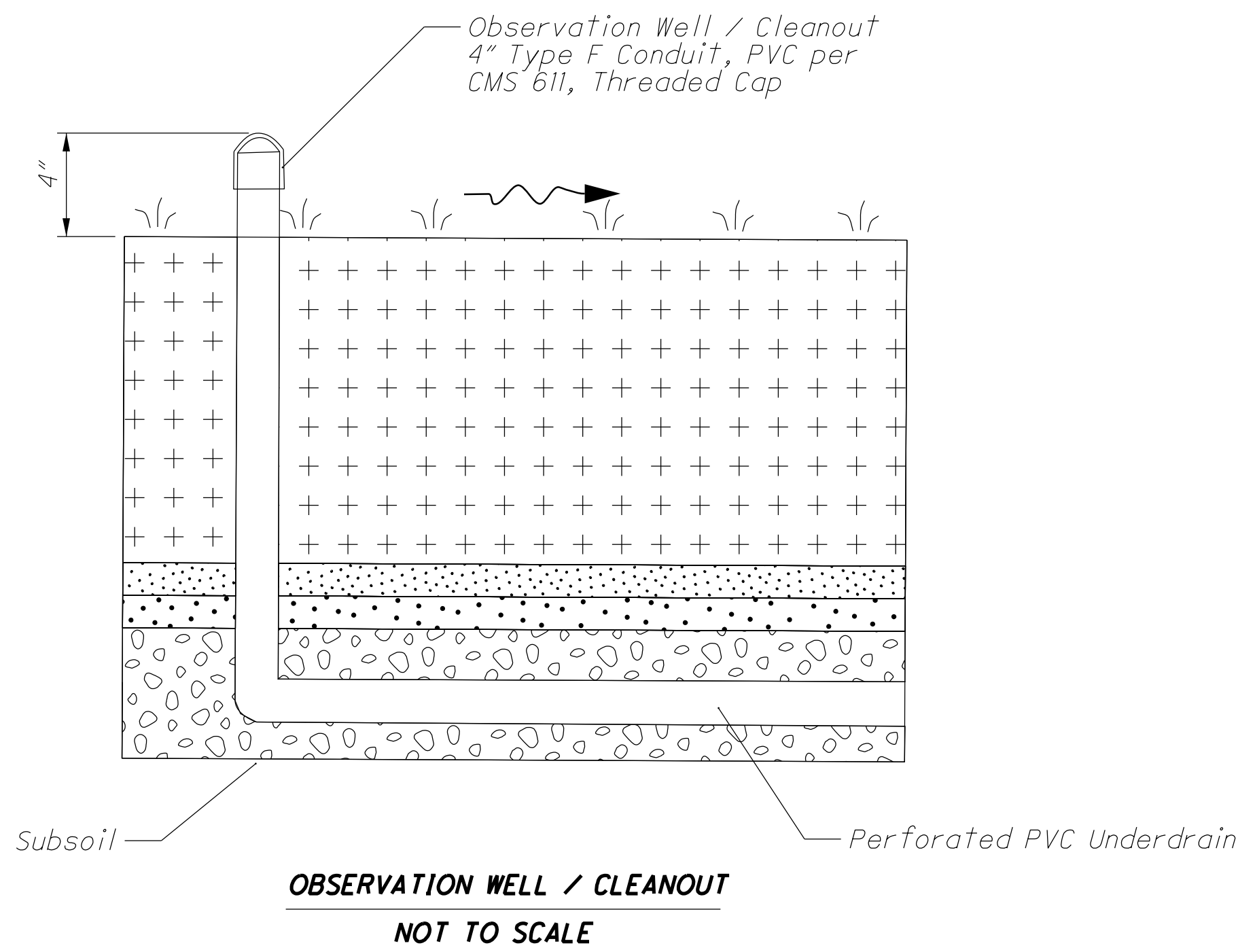
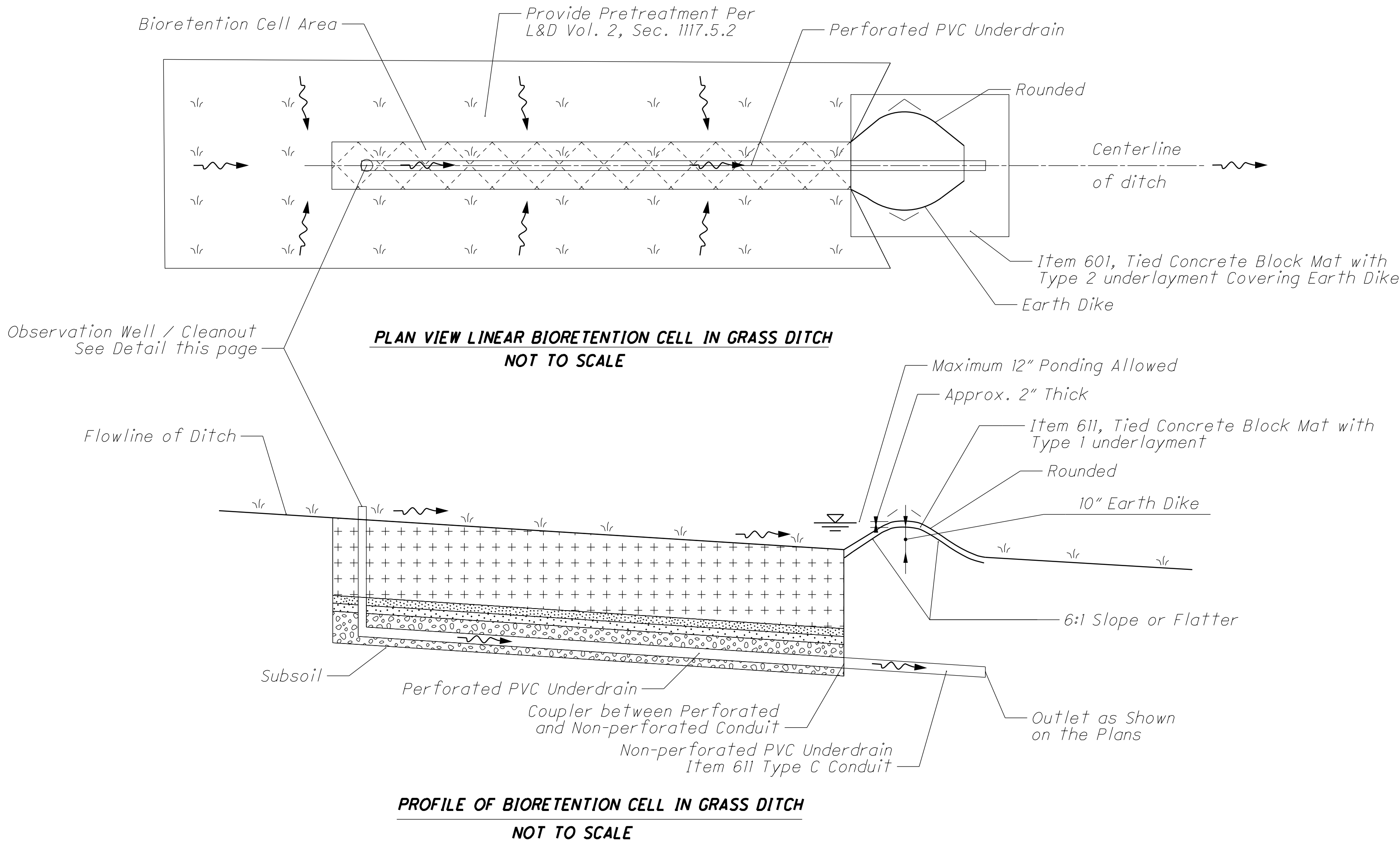
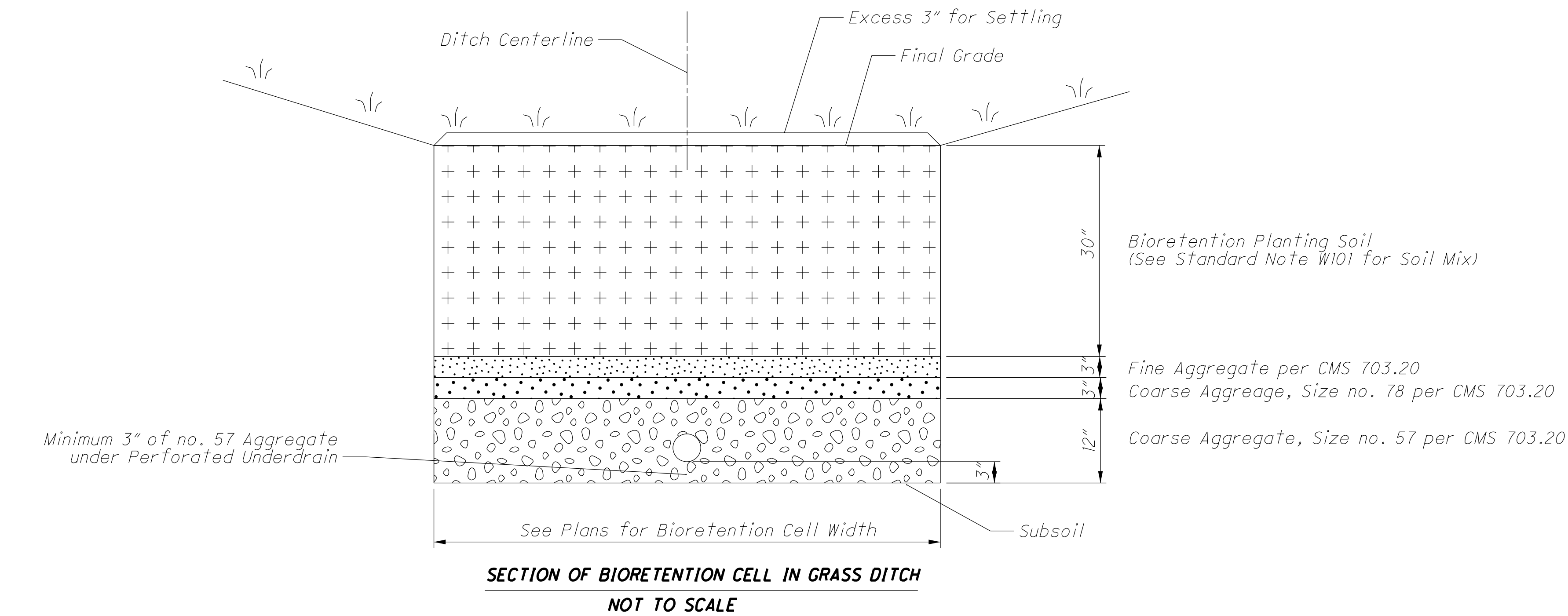




## NOTES

- BASIN MATERIALS:** Provide basin dimensions, materials, and grate as specified. Do not use side inlet windows.
- EROSION CONTROL:** For grassed bioretention, include Temporary erosion control mat Type A, B, C, or E per CMS 671 over the surface of all bioretention planting soil.
- BIORETENTION PLANTING SOIL:** See Plan Note W101 (Bioretention Cells) for approved bioretention planting soil characteristics.
- PLANTINGS:** If not specified on the plans, seed the bioretention cell area per CMS 659. Do not apply fertilizer or lime to the bioretention cell area.
- SUBSOIL:** Scarify the subsoil 3" minimum before installation of aggregate into bioretention cell.
- BIORETENTION SIDES** Construct bioretention cells with vertical sides unless otherwise specified.
- PAYMENT:** Bioretention cell will be paid for as Item 601, Bioretention Cell cu yd and Item 601 Tied Concrete Mat sq yd. Excavation will be paid for as Item 203, Excavation as per plan cu yd. Perforated underdrains, observation wells, and associated fittings and couplers will be paid for as Item 605, Underdrain as per plan. Non perforated underdrains will be paid for as Item 611, Outlet Pipe. Seeding and mulching for the bioretention cell will be paid for as Item 659, Seeding and Mulching sq yd. Erosion control mats will be paid for as item 617, Erosion Control Mats sq yd.





## NOTES

**EROSION CONTROL:** For grassed bioretention, include temporary erosion control mat Type A, B, C, or E per CMS 671 over the surface of all bioretention planting soil.

**BIORETENTION PLANTING SOIL:** See Plan Note W101 (Bioretention Cells) for approved bioretention planting soil characteristics.

**PLANTINGS:** If not specified on the plans, seed the bioretention cell area per CMS 659. Do not apply fertilizer or lime to the bioretention cell area.

**SUBSOIL:** Scarify the subsoil 3" minimum before installation of aggregate into bioretention cell.

**BIORETENTION SIDES:** Construct bioretention cells with vertical sides unless otherwise specified.

**PAYMENT:** Bioretention cell will be paid for as Item 601, Bioretention Cell cu yd and Item 601 Tied Concrete Mat sq yd. Excavation will be paid for as Item 203, Excavation cu yd. Perforated underdrains, observation wells, and associated fittings and couplers will be paid for as Item 605, Underdrain APP. Non perforated underdrains will be paid for as Item 611, Outlet Pipe. Seeding and mulching for the bioretention cell will be paid for as Item 659, Seeding and Mulching sq yd. Erosion control mats will be paid for as item 617, Erosion Control Mats sq yd.



THE BIORETENTION CELL CONSISTS OF FOUR DISCRETE LAYERS: BIORETENTION PLANTING SOIL LAYER, FINE AGGREGATE LAYER, COARSE AGGREGATE NO. 78 LAYER, AND COARSE AGGREGATE NO. 57 LAYER AND AN UNDERDRAIN SYSTEM. THE MATERIALS AND VOLUMES FOR EACH LAYER ARE AS SHOWN:

| BIORETENTION PROJECT                               | RAMP A CELL QUANTITY (CY) |
|----------------------------------------------------|---------------------------|
| BIORETENTION PLANTING SOIL LAYER PLUS 3 INCH COVER | 1216                      |
| COMPOSITION BY VOLUME                              |                           |
| 5 PARTS SAND - CMS FINE AGGREGATE AS PER 703.20    |                           |
| 1 PART TOPSOIL - CMS 659.05                        |                           |
| 2 PARTS COMPOST - CMS 659.06                       |                           |
| FINE AGGREGATE AS PER CMS 703.20                   | 111                       |
| COARSE AGGREGATE SIZE NO. 78 PER 703.20            | 111                       |
| COARSE AGGREGATE SIZE NO. 57 PER 703.20            | 442                       |
| TOTAL CUBIC YARDS                                  | 1880                      |

QUANTITIES

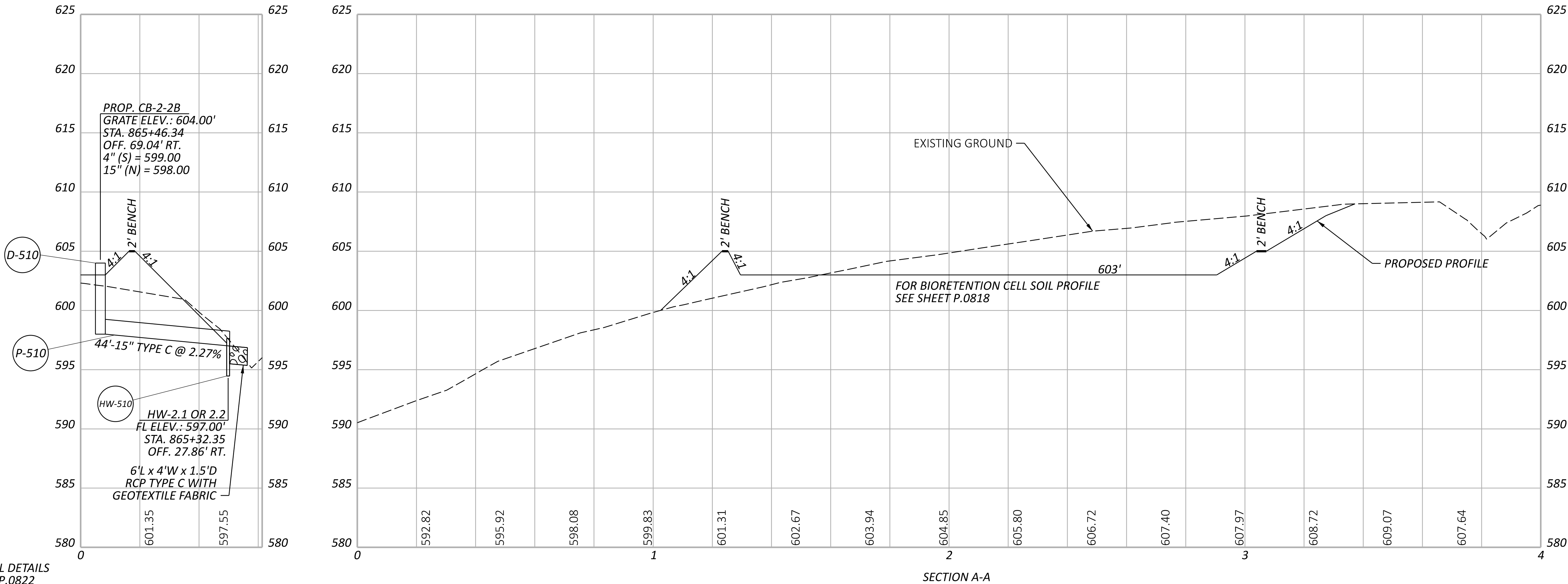
| ITEM NO. | ITEM DESCRIPTION                                       | UNITS | TOTAL QUANTITY |
|----------|--------------------------------------------------------|-------|----------------|
| 203      | EXCAVATION, AS PER PLAN                                | CY    | 1768           |
| 601      | ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC | CY    | 13             |
| 601      | BIORETENTION CELL                                      | CY    | 1880           |
| 602      | CONCRETE MASONRY                                       | CY    | 0.27           |
| 605      | 4" UNCLASSIFIED PIPE UNDERDRAIN, AS PER PLAN           | FT    | 530            |
| 611      | 4" CONDUIT, TYPE C                                     | FT    | 96             |
| 611      | 15" CONDUIT, TYPE C                                    | FT    | 44             |
| 611      | CATCH BASIN, NO. 2-2B                                  | EACH  | 1              |
| 659      | SEEDING AND MULCHING                                   | SY    | 1857           |
| 671      | EROSION CONTROL MAT                                    | SY    | 1857           |

QUANTITIES CARRIED TO BMP SUBSUMMARY

EARTHWORK QUANTITIES

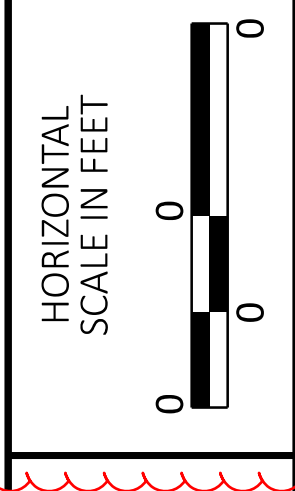
| ITEM NO. | ITEM DESCRIPTION | UNITS | TOTAL QUANTITY |
|----------|------------------|-------|----------------|
| 203      | EXCAVATION       | CY    | 1564           |
| 204      | EMBANKMENT       | CY    | 459            |

QUANTITIES CARRIED TO EARTHWORK SUMMARY ON GENERAL NOTES



FOR ADDITIONAL BIORETENTION CELL DETAILS AND NOTES SEE SHEETS P.0818 AND P.0822

BIORETENTION CELL DETAIL  
RAMP A



|               |                                                                          |
|---------------|--------------------------------------------------------------------------|
| DESIGN AGENCY | TRANSYSTEMS<br>400 W. NATIONWIDE BLVD., STE. 225<br>COLUMBUS, OHIO 43215 |
| DESIGNER      | NLD                                                                      |
| REVIEWER      | MHT 07/30/25                                                             |
| PROJECT ID    | 116570                                                                   |
| SHEET         | P.0823                                                                   |
| TOTAL         | 1088                                                                     |



THE BIORETENTION CELL CONSISTS OF FOUR DISCRETE LAYERS:  
BIORETENTION PLANTING SOIL LAYER, FINE AGGREGATE LAYER, COARSE AGGREGATE NO. 78 LAYER, AND COARSE AGGREGATE NO. 57 LAYER AND AN UNDERDRAIN SYSTEM. THE MATERIALS AND VOLUMES FOR EACH LAYER ARE AS SHOWN:

| BIORETENTION PROJECT                               | RAMP D CELL QUANTITY (CY) |
|----------------------------------------------------|---------------------------|
| BIORETENTION PLANTING SOIL LAYER PLUS 3 INCH COVER | 700                       |
| COMPOSITION BY VOLUME                              |                           |
| 5 PARTS SAND - CMS FINE AGGREGATE AS PER 703.20    |                           |
| 1 PART TOPSOIL - CMS 659.05                        |                           |
| 2 PARTS COMPOST - CMS 659.06                       | 64                        |
| FINE AGGREGATE AS PER CMS 703.20                   |                           |
| COARSE AGGREAGE SIZE NO. 78 PER 703.20             |                           |
| COARSE AGGREAGE SIZE NO. 57 PER 703.20             | 255                       |
| TOTAL CUBIC YARDS                                  | 1083                      |

QUANTITIES

| ITEM NO. | ITEM DESCRIPTION                                       | UNITS | TOTAL QUANTITY |
|----------|--------------------------------------------------------|-------|----------------|
| 203      | EXCAVATION, AS PER PLAN                                | CY    | 1018           |
| 601      | ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC | CY    | 22             |
| 601      | BIORETENTION CELL                                      | CY    | 1083           |
| 602      | CONCRETE MASONRY                                       | CY    | 0.39           |
| 605      | 4" UNCLASSIFIED PIPE UNDERDRAIN, AS PER PLAN           | FT    | 498            |
| 611      | 4" CONDUIT, TYPE C                                     | FT    | 33             |
| 611      | 21" CONDUIT, TYPE C                                    | FT    | 100            |
| 611      | CATCH BASIN, NO. 2-3                                   | EACH  | 1              |
| 659      | SEEDING AND MULCHING                                   | SY    | 1282           |
| 671      | EROSION CONTROL MAT                                    | SY    | 1282           |

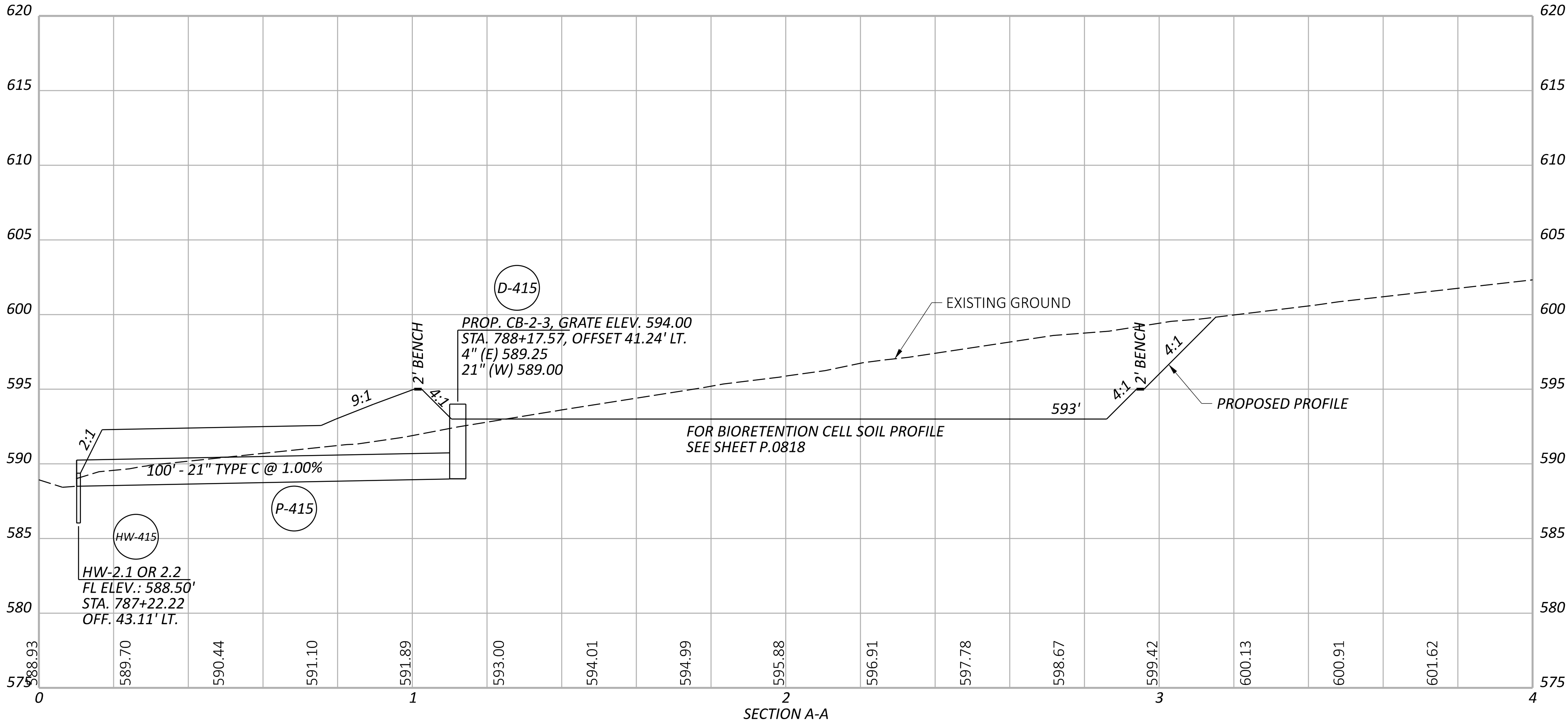
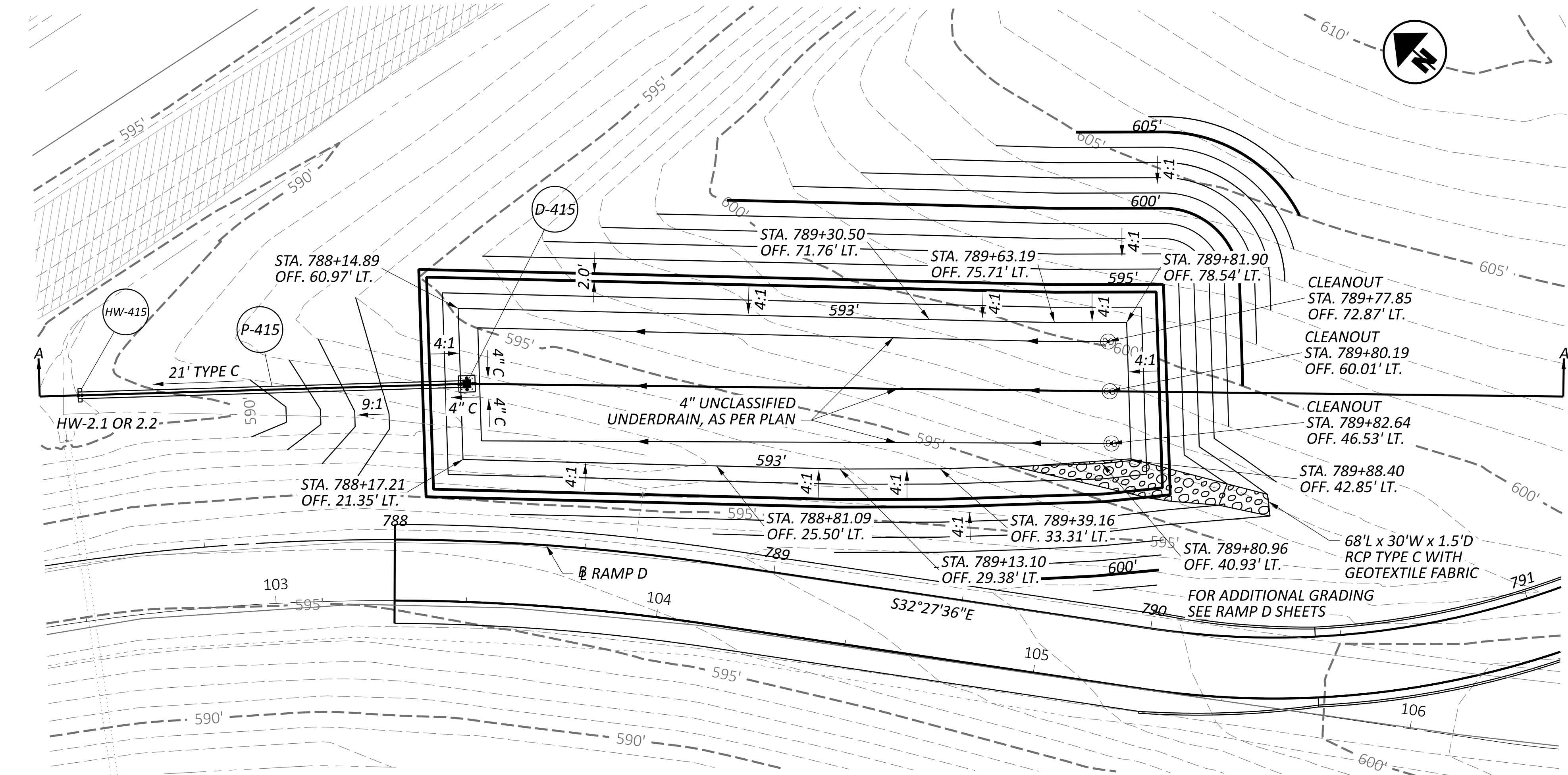
QUANTITIES CARRIED TO BMP SUBSUMMARY

EARTHWORK QUANTITIES

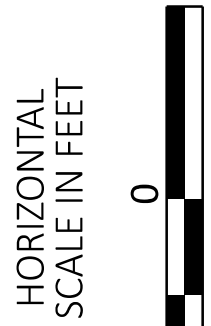
| ITEM NO. | ITEM DESCRIPTION | UNITS | TOTAL QUANTITY |
|----------|------------------|-------|----------------|
| 203      | EXCAVATION       | CY    | 1793           |
| 204      | EMBANKMENT       | CY    | 157            |

QUANTITIES CARRIED TO EARTHWORK SUMMARY ON GENERAL NOTES

FOR ADDITIONAL BIORETENTION CELL DETAILS  
AND NOTES SEE SHEETS P.0818 AND P.0822



BIORETENTION CELL DETAIL  
RAMP D



DESIGN AGENCY

TRANSYSTEMS  
400 W. WATSON BLVD., STE. 225  
COLUMBUS, OHIO 43215

DESIGNER

NLD

REVIEWER

MHT 07/30/25

PROJECT ID

116570

SHEET

P.0824

TOTAL

1088