

DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

DFD PROJECT No. 24E7Z  
KAPUR PROJECT No. 25.0088

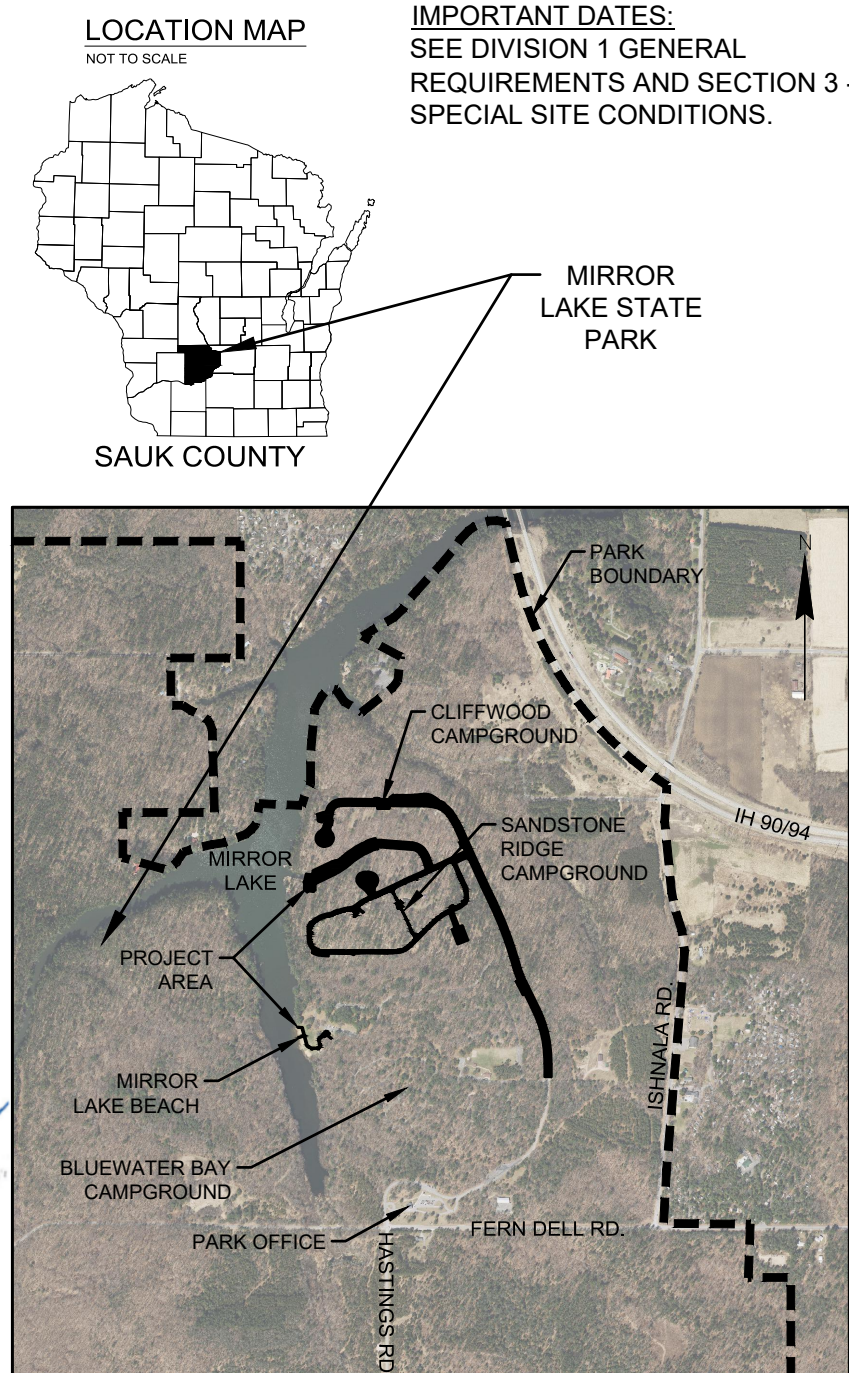
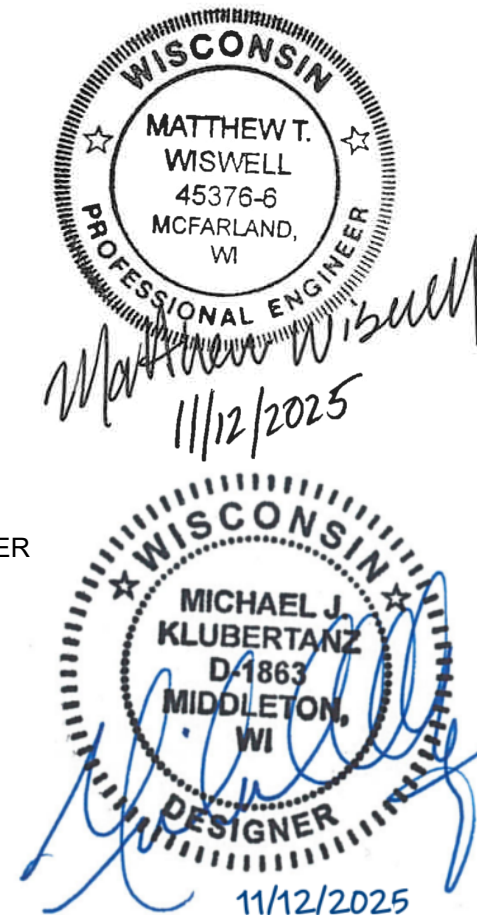
**DIVISION OF FACILITIES DEVELOPMENT:**  
**REINY YAHNKE, P.E. - PROJECT MANAGER**  
**101 E. WILSON STREET, 7TH FLOOR**  
**MADISON, WI 53707**  
**(608) 279-0073 - CELL**  
**REINY.YAHNKE1@WISCONSIN.GOV**

ARCHITECT/ENGINEER:  
MATTHEW WISWELL, P.E. - ENGINEER  
KAPUR AND ASSOCIATES, INC.  
4654 S. BILTMORE LN.  
MADISON, WI 53718  
(608) 212-8093 - CELL  
MWISWELL@KAPURINC.COM

DEPARTMENT OF NATURAL RESOURCES:  
MIKE STONE, P.E. - AGENCY REPRESENTATIVE  
ENGINEERING AND CONSTRUCTION MANAGEMENT SECTION  
3911 FISH HATCHERY RD.  
FITCHBURG, WI 53711  
(608) 206-4446  
MICHAEL.STONE@WISCONSIN.GOV

**ELECTRICAL ENGINEER:**  
MICHAEL KLUBERTANZ, DE, LE. - PARTNER  
JDR ENGINEERING, INC.  
5525 NOBEL DRIVE, SUITE 110  
MADISON, WI 53711  
(608) 227-1728 - OFFICE  
KLUBERTANZ@JDRENG.COM

SURVEY INFORMATION:  
HORIZONTAL SYSTEM: NAD 83(2011) WISCONSIN COUNTY COORDINATE SYSTEM (WCCS) SAUK COUNTY ZONE, US SURVEY FEET  
VERTICAL SYSTEM: NAVD 88(2012)



IMPORTANT DATES:  
SEE DIVISION 1 GENERAL  
REQUIREMENTS AND SECTION 3 -  
SPECIAL SITE CONDITIONS.

|                                                                                                       |                                                                                              |              |                                                                                                             |  |  |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------|--|--|
|                     |                                                                                              |              | 4654 S. BILTMORE LN.<br>MADISON, WI 53718<br>PHONE: 608.673.4400<br>KAPURINC.COM<br>PROJECT NUMBER: 23.0091 |  |  |
|                    |                                                                                              |              | State of Wisconsin<br>Department of Administration<br>Division of Facilities Development                    |  |  |
| MIRROR LAKE PAVING<br>MIRROR LAKE STATE PARK<br>DEPARTMENT OF NATURAL RESOURCES<br>BARABOO, WISCONSIN |                                                                                              |              | E10320 FERN DELL RD<br>BARABOO, WI 53913                                                                    |  |  |
| Sheet Title:<br>TITLE SHEET                                                                           |                                                                                              |              |                                                                                                             |  |  |
| Revisions:                                                                                            |                                                                                              |              |                                                                                                             |  |  |
| No.                                                                                                   | Date:                                                                                        | Description: |                                                                                                             |  |  |
|                                                                                                       |                                                                                              |              |                                                                                                             |  |  |
|                                                                                                       |                                                                                              |              |                                                                                                             |  |  |
|                                                                                                       |                                                                                              |              |                                                                                                             |  |  |
|                                                                                                       |                                                                                              |              |                                                                                                             |  |  |
|                                                                                                       |                                                                                              |              |                                                                                                             |  |  |
| Graphic Scale                                                                                         | <br>NTS |              |                                                                                                             |  |  |
| DFD Number                                                                                            | 24E7Z                                                                                        |              |                                                                                                             |  |  |
| Set Type                                                                                              | BD                                                                                           |              |                                                                                                             |  |  |
| Date Issued                                                                                           | 11/12/2025                                                                                   |              |                                                                                                             |  |  |
| Sheet Number                                                                                          | T100                                                                                         |              |                                                                                                             |  |  |

INDEX OF DRAWINGS

| SHEET NUMBER | TITLE                                | SHEET NUMBER | TITLE                            | SHEET NUMBER | TITLE                                 | SHEET NUMBER | TITLE                    | SHEET NUMBER | TITLE                                      |
|--------------|--------------------------------------|--------------|----------------------------------|--------------|---------------------------------------|--------------|--------------------------|--------------|--------------------------------------------|
| T100         | TITLE SHEET                          | C201         | SITE DEMOLITION PLAN             | C352         | SIGN LAYOUT PLAN                      | C453         | PROFILE - ALIGNMENT 'SC' | C619         | CIVIL DETAILS                              |
| T101         | INDEX SHEET                          | C202         | SITE DEMOLITION PLAN             | C353         | SIGN LAYOUT PLAN                      | C500         | WALL STRUCTURES          | C700         | SITE PHASING PLAN - OVERVIEW               |
| C100         | SHEET LAYOUT OVERVIEW                | C203         | SITE DEMOLITION PLAN             | C354         | SIGN LAYOUT PLAN                      | C501         | WALL STRUCTURES          | C701         | SITE PHASING PLAN - PHASE 1                |
| C101         | EXISTING SITE PLAN                   | C204         | SITE DEMOLITION PLAN             | C355         | SIGN LAYOUT PLAN                      | C550         | STORM SEWER              | C702         | SITE PHASING PLAN - PHASE 2                |
| C102         | EXISTING SITE PLAN                   | C205         | SITE DEMOLITION PLAN             | C356         | SIGN LAYOUT PLAN                      | C600         | CIVIL DETAILS            | C703         | SITE PHASING PLAN - PHASE 3                |
| C103         | EXISTING SITE PLAN                   | C206         | SITE DEMOLITION PLAN             | C357         | SIGN LAYOUT PLAN                      | C601         | CIVIL DETAILS            | C800         | CROSS SECTIONS                             |
| C104         | EXISTING SITE PLAN                   | C207         | SITE DEMOLITION PLAN             | C358         | SIGN LAYOUT PLAN                      | C602         | CIVIL DETAILS            | C801         | CROSS SECTIONS                             |
| C105         | EXISTING SITE PLAN                   | C208         | SITE DEMOLITION PLAN             | C359         | SIGN LAYOUT PLAN                      | C603         | CIVIL DETAILS            | C802         | CROSS SECTIONS                             |
| C106         | EXISTING SITE PLAN                   | C209         | SITE DEMOLITION PLAN             | C360         | SIGN LAYOUT PLAN                      | C604         | CIVIL DETAILS            | C803         | CROSS SECTIONS                             |
| C107         | EXISTING SITE PLAN                   | C210         | SITE DEMOLITION PLAN             | C400         | SITE GRADING AND EROSION CONTROL PLAN | C605         | CIVIL DETAILS            | C804         | CROSS SECTIONS                             |
| C108         | EXISTING SITE PLAN                   | C300         | SITE LAYOUT PLAN - GENERAL NOTES | C401         | SITE GRADING AND EROSION CONTROL PLAN | C606         | CIVIL DETAILS            | C805         | CROSS SECTIONS                             |
| C109         | EXISTING SITE PLAN                   | C301         | SITE LAYOUT PLAN                 | C402         | SITE GRADING AND EROSION CONTROL PLAN | C607         | CIVIL DETAILS            | C806         | CROSS SECTIONS                             |
| C110         | EXISTING SITE PLAN                   | C302         | SITE LAYOUT PLAN                 | C403         | SITE GRADING AND EROSION CONTROL PLAN | C608         | CIVIL DETAILS            | E000         | SYMBOLS AND ABBREVIATIONS - ELECTRICAL     |
| C151         | ALIGNMENT DIAGRAM                    | C303         | SITE LAYOUT PLAN                 | C404         | SITE GRADING AND EROSION CONTROL PLAN | C609         | CIVIL DETAILS            | E100         | VAULT TOILET #4499 - ELECTRICAL DEMOLITION |
| C152         | ALIGNMENT DIAGRAM                    | C304         | SITE LAYOUT PLAN                 | C405         | SITE GRADING AND EROSION CONTROL PLAN | C610         | CIVIL DETAILS            | E200         | VAULT TOILET #4499 - ELECTRICAL NEW WORK   |
| C153         | ALIGNMENT DIAGRAM                    | C305         | SITE LAYOUT PLAN                 | C406         | SITE GRADING AND EROSION CONTROL PLAN | C611         | CIVIL DETAILS            | E601         | ONE-LINE DIAGRAM - ELECTRICAL              |
| C154         | ALIGNMENT DIAGRAM                    | C306         | SITE LAYOUT PLAN                 | C407         | SITE GRADING AND EROSION CONTROL PLAN | C612         | CIVIL DETAILS            | E801         | ELECTRICAL PLANEL SCHEDULES                |
| C155         | ALIGNMENT DIAGRAM                    | C307         | SITE LAYOUT PLAN                 | C408         | SITE GRADING AND EROSION CONTROL PLAN | C613         | CIVIL DETAILS            | E901         | ELECTRICAL DETAILS                         |
| C156         | ALIGNMENT DIAGRAM                    | C308         | SITE LAYOUT PLAN                 | C409         | SITE GRADING AND EROSION CONTROL PLAN | C614         | CIVIL DETAILS            | E902         | ELECTRICAL DETAILS                         |
| C157         | ALIGNMENT DIAGRAM                    | C309         | SITE LAYOUT PLAN                 | C410         | SITE GRADING AND EROSION CONTROL PLAN | C615         | CIVIL DETAILS            | E903         | ELECTRICAL DETAILS                         |
| C158         | ALIGNMENT DIAGRAM                    | C310         | SITE LAYOUT PLAN                 | C450         | PROFILE - ALIGNMENT 'EC'              | C616         | CIVIL DETAILS            | E904         | ELECTRICAL DETAILS                         |
| C159         | ALIGNMENT DIAGRAM                    | C350         | SIGN LAYOUT PLAN - GENERAL NOTES | C451         | PROFILE - ALIGNMENT 'EC'              | C617         | CIVIL DETAILS            |              |                                            |
| C200         | SITE DEMOLITION PLAN - GENERAL NOTES | C351         | SIGN LAYOUT PLAN                 | C452         | PROFILE - ALIGNMENT 'EC'              | C618         | CIVIL DETAILS            |              |                                            |



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.673.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
INDEX SHEET

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

Graphic Scale



NTS

DFD Number

24E7Z

Set Type

BD

Date Issued

11/12/2025

Sheet Number

T101







4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091



State of Wisconsin  
Department of Administration  
Division of Facilities Development

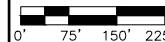
E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
SHEET LAYOUT OVERVIEW

|            |       |              |
|------------|-------|--------------|
| Revisions: |       |              |
| No.        | Date: | Description: |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |

Graphic Scale



DFD Number

24E7Z

Set Type

BD

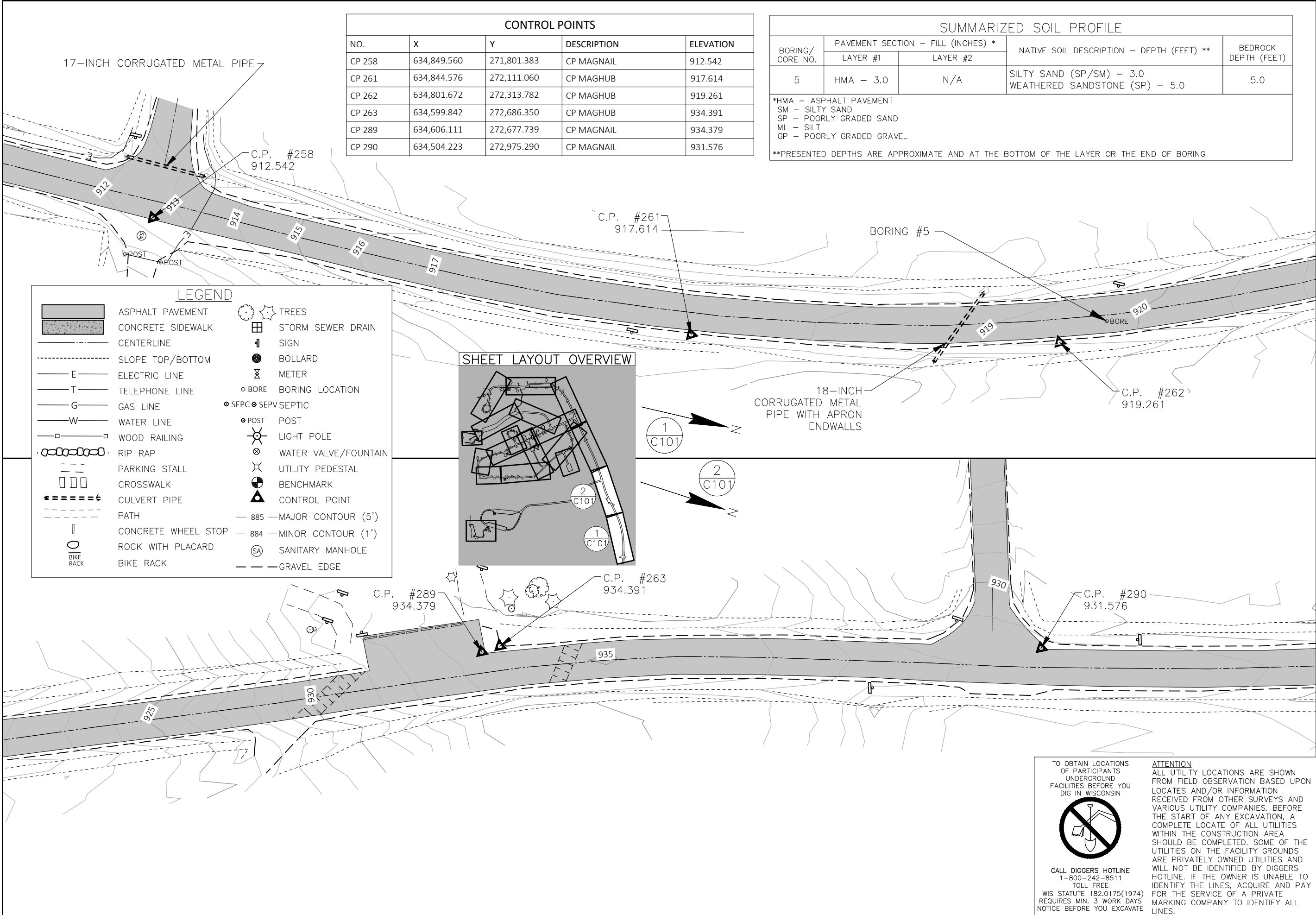
Date Issued

11/12/2025

Sheet Number

C100

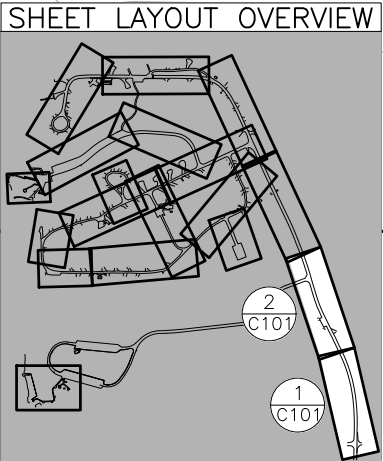




| CONTROL POINTS |             |             |             |           |
|----------------|-------------|-------------|-------------|-----------|
| NO.            | X           | Y           | DESCRIPTION | ELEVATION |
| CP 258         | 634,849.560 | 271,801.383 | CP MAGNAIL  | 912.542   |
| CP 261         | 634,844.576 | 272,111.060 | CP MAGHUB   | 917.614   |
| CP 262         | 634,801.672 | 272,313.782 | CP MAGHUB   | 919.261   |
| CP 263         | 634,599.842 | 272,686.350 | CP MAGHUB   | 934.391   |
| CP 289         | 634,606.111 | 272,677.739 | CP MAGNAIL  | 934.379   |
| CP 290         | 634,504.223 | 272,975.290 | CP MAGNAIL  | 931.576   |

| SUMMARIZED SOIL PROFILE                                                                                                                                                                                                          |                                    |          |                                                            |                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------|------------------------------------------------------------|-------------------------|
| BORING/<br>CORE NO.                                                                                                                                                                                                              | PAVEMENT SECTION – FILL (INCHES) * |          | NATIVE SOIL DESCRIPTION – DEPTH (FEET) **                  | BEDROCK<br>DEPTH (FEET) |
|                                                                                                                                                                                                                                  | LAYER #1                           | LAYER #2 |                                                            |                         |
| 5                                                                                                                                                                                                                                | HMA – 3.0                          | N/A      | SILTY SAND (SP/SM) – 3.0<br>WEATHERED SANDSTONE (SP) – 5.0 | 5.0                     |
| <div>*HMA – ASPHALT PAVEMENT<br/>SM – SILTY SAND<br/>SP – POORLY GRADED SAND<br/>ML – SILT<br/>GP – POORLY GRADED GRAVEL</div> <div>**PRESENTED DEPTHS ARE APPROXIMATE AND AT THE BOTTOM OF THE LAYER OR THE END OF BORING</div> |                                    |          |                                                            |                         |

| LEGEND |                          |
|--------|--------------------------|
|        | ASPHALT PAVEMENT         |
|        | CONCRETE SIDEWALK        |
|        | CENTERLINE               |
|        | SLOPE TOP/BOTTOM         |
|        | ELECTRIC LINE            |
|        | TELEPHONE LINE           |
|        | GAS LINE                 |
|        | WATER LINE               |
|        | WOOD RAILING             |
|        | RIP RAP                  |
|        | PARKING STALL            |
|        | CROSSWALK                |
|        | CULVERT PIPE             |
|        | PATH                     |
|        | CONCRETE WHEEL STOP      |
|        | ROCK WITH PLACARD        |
|        | BIKE RACK                |
|        | TREES                    |
|        | STORM SEWER DRAIN        |
|        | SIGN                     |
|        | BOLLARD                  |
|        | METER                    |
|        | BORING LOCATION          |
|        | SEPC/SEPV/SEPTIC         |
|        | POST                     |
|        | LIGHT POLE               |
|        | WATER VALVE/FOUNTAIN     |
|        | UTILITY PEDESTAL         |
|        | BENCHMARK                |
|        | CONTROL POINT            |
|        | 885 - MAJOR CONTOUR (5') |
|        | 884 - MINOR CONTOUR (1') |
|        | SANITARY MANHOLE         |
|        | GRAVEL EDGE              |



TO OBTAIN LOCATIONS OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE  
1-800-242-8511  
TOLL FREE

WIS STATUTE 182.0175(1974)  
REQUIRES MIN. 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE

**ATTENTION**  
ALL UTILITY LOCATIONS ARE SHOWN FROM FIELD OBSERVATION BASED UPON LOCATES AND/OR INFORMATION RECEIVED FROM OTHER SURVEYS AND VARIOUS UTILITY COMPANIES. BEFORE THE START OF ANY EXCAVATION, A COMPLETE LOCATE OF ALL UTILITIES WITHIN THE CONSTRUCTION AREA SHOULD BE COMPLETED. SOME OF THE UTILITIES ON THE FACILITY GROUNDS ARE PRIVATELY OWNED UTILITIES AND WILL NOT BE IDENTIFIED BY DIGGERS HOTLINE. IF THE OWNER IS UNABLE TO IDENTIFY THE LINES, ACQUIRE AND PAY FOR THE SERVICE OF A PRIVATE MARKING COMPANY TO IDENTIFY ALL LINES.

4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

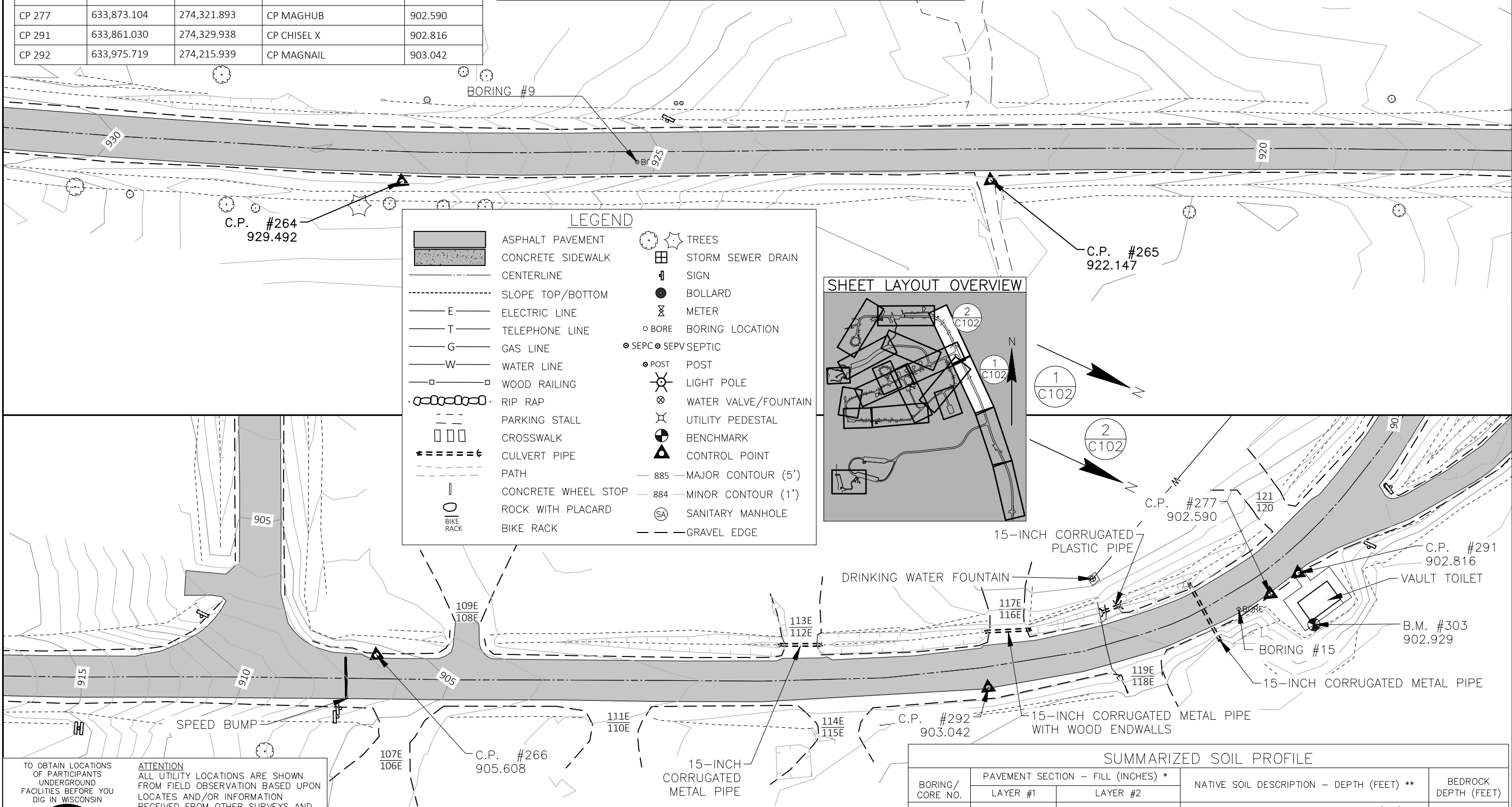
Sheet Title:  
EXISTING SITE PLAN

|               |            |              |
|---------------|------------|--------------|
| Revisions:    |            |              |
| No.           | Date:      | Description: |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
| Graphic Scale |            |              |
| DFD Number    | 24E7Z      |              |
| Set Type      | BD         |              |
| Date Issued   | 11/12/2025 |              |
| Sheet Number  | C101       |              |



| CONTROL POINTS |             |             |             |           |
|----------------|-------------|-------------|-------------|-----------|
| NO.            | X           | Y           | DESCRIPTION | ELEVATION |
| CP 264         | 634,412.095 | 273,298.801 | CP MAGHUB   | 929.492   |
| CP 265         | 634,290.148 | 273,559.808 | CP MAGHUB   | 922.147   |
| CP 266         | 634,087.325 | 273,937.728 | CP MAGHUB   | 905.608   |
| CP 277         | 633,873.104 | 274,321.893 | CP MAGHUB   | 902.590   |
| CP 291         | 633,861.030 | 274,329.938 | CP CHISEL X | 902.816   |
| CP 292         | 633,975.719 | 274,215.939 | CP MAGNAIL  | 903.042   |

| BENCHMARK |             |             |                                                                               |           |
|-----------|-------------|-------------|-------------------------------------------------------------------------------|-----------|
| NO.       | X           | Y           | DESCRIPTION                                                                   | ELEVATION |
| BM 303    | 632,880.661 | 274,347.555 | BM SET CHIS X NE COR CONC SLAB FOR NEW RESTROOM FACILITY ACROSS FROM SITE 121 | 902.929   |



TO OBTAIN LOCATIONS OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE  
1-800-242-8511  
TOLL FREE

WIS STATUTE 182.0175(1974)  
REQUIRES MIN. 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE

**ATTENTION**

ALL UTILITY LOCATIONS ARE SHOWN FROM FIELD OBSERVATION BASED UPON LOCATES AND/OR INFORMATION RECEIVED FROM OTHER SURVEYS AND VARIOUS UTILITY COMPANIES. BEFORE THE START OF ANY EXCAVATION, A COMPLETE LOCATE OF ALL UTILITIES WITHIN THE CONSTRUCTION AREA SHOULD BE COMPLETED. SOME OF THE UTILITIES ON THE FACILITY GROUNDS ARE PRIVATELY OWNED UTILITIES AND WILL NOT BE IDENTIFIED BY DIGGERS HOTLINE. IF THE OWNER IS UNABLE TO IDENTIFY THE LINES, ACQUIRE AND PAY FOR THE SERVICE OF A PRIVATE MARKING COMPANY TO IDENTIFY ALL LINES.

| SUMMARIZED SOIL PROFILE                                                                                         |                                    |           |                                                          |                         |
|-----------------------------------------------------------------------------------------------------------------|------------------------------------|-----------|----------------------------------------------------------|-------------------------|
| BORING/<br>CORE NO.                                                                                             | PAVEMENT SECTION - FILL (INCHES) * |           | NATIVE SOIL DESCRIPTION - DEPTH (FEET) **                | BEDROCK<br>DEPTH (FEET) |
|                                                                                                                 | LAYER #1                           | LAYER #2  |                                                          |                         |
| 9                                                                                                               | HMA - 3.5                          | N/A       | WEATHERED SANDSTONE BEDROCK (SP) - 5.0                   | 4.0                     |
| 15                                                                                                              | HMA - 4.0                          | SM - 30.0 | SANDY SILT (ML) - 4.0<br>WEATHERED SANDSTONE BEDROCK 5.0 | 4.0                     |
| *HMA - ASPHALT PAVEMENT<br>SM - SILTY SAND<br>SP - POORLY GRADED SAND<br>ML - SILT<br>GP - POORLY GRADED GRAVEL |                                    |           |                                                          |                         |
| **PRESENTED DEPTHS ARE APPROXIMATE AND AT THE BOTTOM OF THE LAYER OR THE END OF BORING                          |                                    |           |                                                          |                         |

4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
EXISTING SITE PLAN

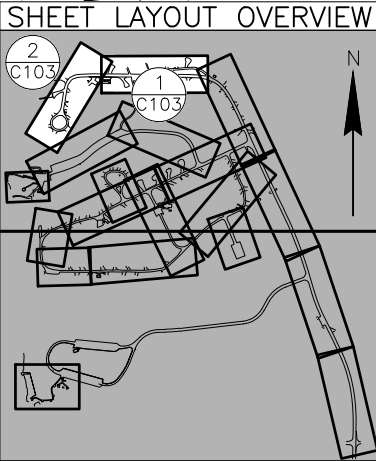
| Revisions: |       |              |
|------------|-------|--------------|
| No.        | Date: | Description: |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |

|               |            |
|---------------|------------|
| Graphic Scale |            |
| DFD Number    | 24E7Z      |
| Set Type      | BD         |
| Date Issued   | 11/12/2025 |
| Sheet Number  | C102       |



| CONTROL POINTS |             |             |             |           |
|----------------|-------------|-------------|-------------|-----------|
| NO.            | X           | Y           | DESCRIPTION | ELEVATION |
| CP 278         | 633,417.754 | 274,350.941 | CP MAGNAIL  | 904.090   |
| CP 279         | 633,160.296 | 274,366.850 | CP MAGHUB   | 902.412   |
| CP 280         | 633,057.440 | 274,365.660 | CP MAGHUB   | 902.810   |
| CP 281         | 632,879.329 | 274,350.705 | CP MAGHUB   | 906.566   |
| CP 282         | 632,800.572 | 274,133.402 | CP MAGHUB   | 908.335   |
| CP 293         | 633,429.314 | 274,353.480 | CP MAGNAIL  | 905.009   |

| LEGEND |                          |
|--------|--------------------------|
|        | ASPHALT PAVEMENT         |
|        | CONCRETE SIDEWALK        |
|        | CENTERLINE               |
|        | SLOPE TOP/BOTTOM         |
|        | ELECTRIC LINE            |
|        | TELEPHONE LINE           |
|        | GAS LINE                 |
|        | WATER LINE               |
|        | WOOD RAILING             |
|        | RIP RAP                  |
|        | PARKING STALL            |
|        | CROSSWALK                |
|        | CULVERT PIPE             |
|        | PATH                     |
|        | CONCRETE WHEEL STOP      |
|        | ROCK WITH PLACARD        |
|        | BIKE RACK                |
|        | TREES                    |
|        | STORM SEWER DRAIN        |
|        | SIGN                     |
|        | BOLLARD                  |
|        | METER                    |
|        | BORING LOCATION          |
|        | SEPC/SEPV SEPTIC         |
|        | POST                     |
|        | LIGHT POLE               |
|        | WATER VALVE/FOUNTAIN     |
|        | UTILITY PEDESTAL         |
|        | BENCHMARK                |
|        | CONTROL POINT            |
|        | 885 — MAJOR CONTOUR (5') |
|        | 884 — MINOR CONTOUR (1') |
|        | SA — SANITARY MANHOLE    |
|        | — — GRAVEL EDGE          |



| BENCHMARK |             |             |                                                             |           |
|-----------|-------------|-------------|-------------------------------------------------------------|-----------|
| NO.       | X           | Y           | DESCRIPTION                                                 | ELEVATION |
| BM 301    | 632,857.687 | 274,034.989 | BM SET SPIKE IN WEST FACE 6X8 IN WOOD POST NEAR SITE 140E   | 910.289   |
| BM 302    | 633,086.591 | 274,308.692 | BM SET CHIS X NW CORNER CONC STOOP OF NEW RESTROOM FACILITY | 906.994   |

TO OBTAIN LOCATIONS OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE  
1-800-242-8511  
TOLL FREE

WIS STATUTE 182.0175(1974)  
REQUIRES MIN. 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE

**ATTENTION**

ALL UTILITY LOCATIONS ARE SHOWN FROM FIELD OBSERVATION BASED UPON LOCATES AND/OR INFORMATION RECEIVED FROM OTHER SURVEYS AND VARIOUS UTILITY COMPANIES. BEFORE THE START OF ANY EXCAVATION, A COMPLETE LOCATE OF ALL UTILITIES WITHIN THE CONSTRUCTION AREA SHOULD BE COMPLETED. SOME OF THE UTILITIES ON THE FACILITY GROUNDS ARE PRIVATELY OWNED UTILITIES AND WILL NOT BE IDENTIFIED BY DIGGERS HOTLINE. IF THE OWNER IS UNABLE TO IDENTIFY THE LINES, ACQUIRE AND PAY FOR THE SERVICE OF A PRIVATE MARKING COMPANY TO IDENTIFY ALL LINES.

4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

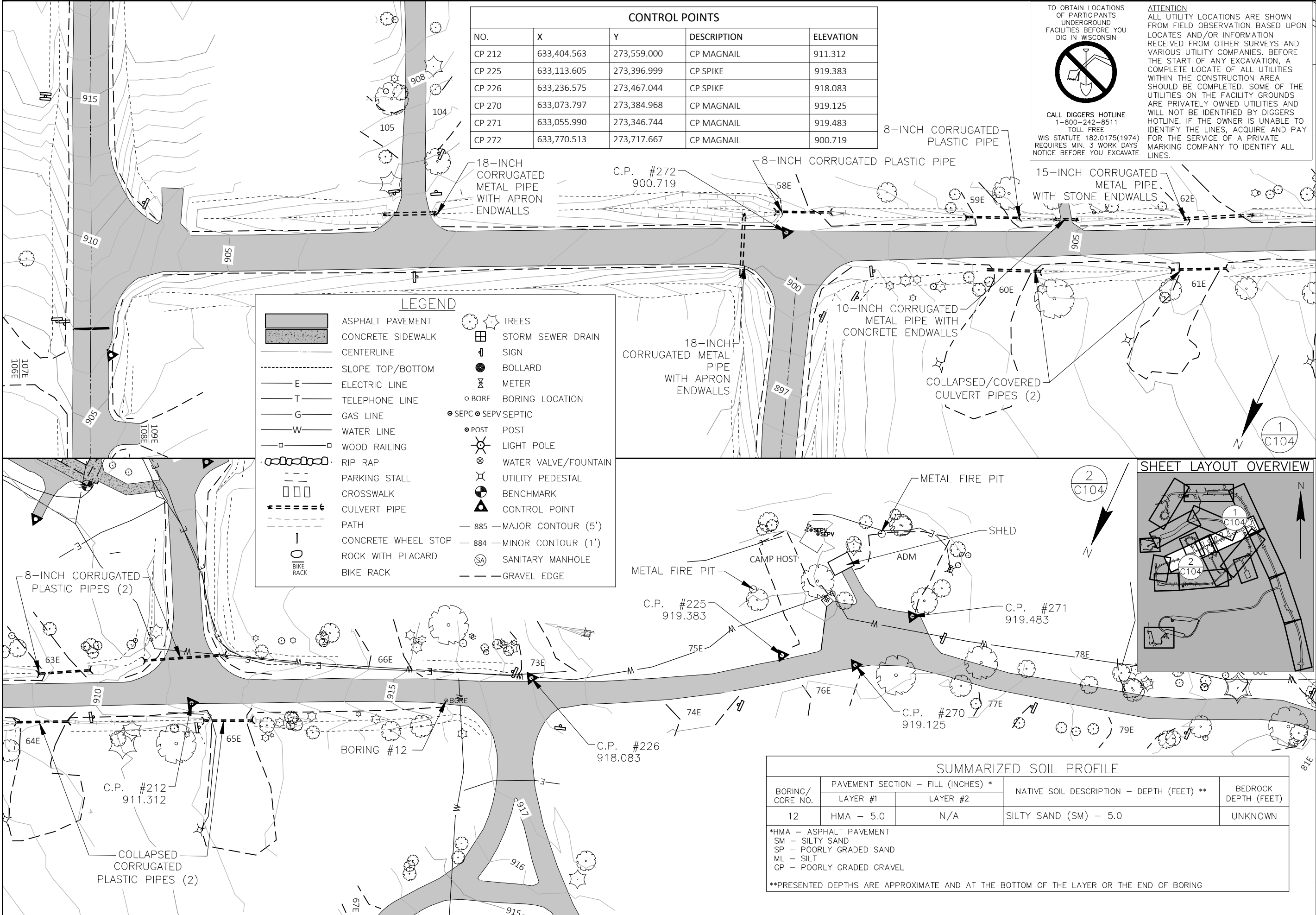
Sheet Title:  
EXISTING SITE PLAN

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

|               |            |
|---------------|------------|
| Graphic Scale |            |
| DFD Number    | 24E7Z      |
| Set Type      | BD         |
| Date Issued   | 11/12/2025 |
| Sheet Number  | C103       |





TO OBTAIN LOCATIONS OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN



CALL DIGGERS HOTLINE  
1-800-242-8511  
TOLL FREE

WIS STATUTE 182.0175(1974)  
REQUIRES MIN. 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE

ATTENTION  
ALL UTILITY LOCATIONS ARE SHOWN FROM FIELD OBSERVATION BASED UPON LOCATES AND/OR INFORMATION RECEIVED FROM OTHER SURVEYS AND VARIOUS UTILITY COMPANIES. BEFORE THE START OF ANY EXCAVATION, A COMPLETE LOCATE OF ALL UTILITIES WITHIN THE CONSTRUCTION AREA SHOULD BE COMPLETED. SOME OF THE UTILITIES ON THE FACILITY GROUNDS ARE PRIVATELY OWNED UTILITIES AND WILL NOT BE IDENTIFIED BY DIGGERS HOTLINE. IF THE OWNER IS UNABLE TO IDENTIFY THE LINES, ACQUIRE AND PAY FOR THE SERVICE OF A PRIVATE MARKING COMPANY TO IDENTIFY ALL LINES.



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
EXISTING SITE PLAN

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

Graphic Scale: 0' 12.5' 25' 37.5'

DFD Number: 24E7Z

Set Type: BD

Date Issued: 11/12/2025

Sheet Number: C104

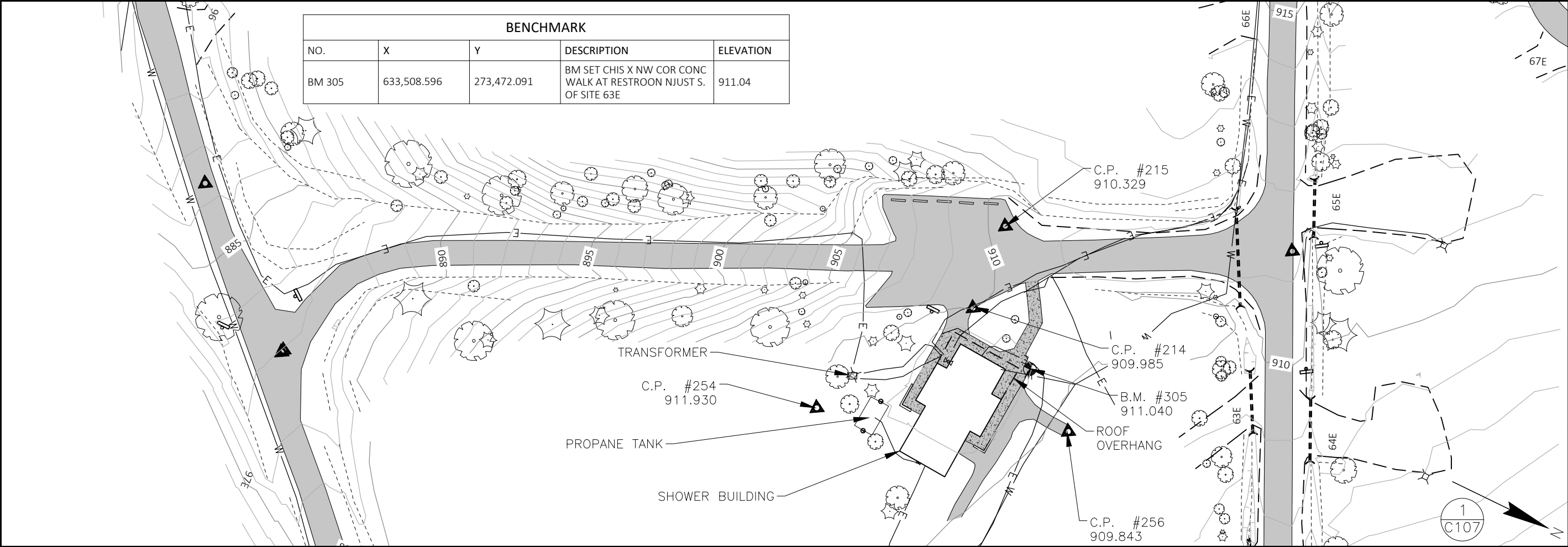












| CONTROL POINTS |             |             |             |           |
|----------------|-------------|-------------|-------------|-----------|
| NO.            | X           | Y           | DESCRIPTION | ELEVATION |
| CP 214         | 633,494.357 | 273,435.409 | CP MAGNAIL  | 909.985   |
| CP 215         | 633,453.058 | 273,432.239 | CP MAGNAIL  | 910.329   |
| CP 254         | 633,568.883 | 273,389.786 | CP MAGHUB   | 911.930   |
| CP 256         | 633,527.129 | 273,501.242 | CP MAGNAIL  | 909.843   |

**LEGEND**

ASPHALT PAVEMENT

CONCRETE SIDEWALK

CENTERLINE

SLOPE TOP/BOTTOM

ELECTRIC LINE

TELEPHONE LINE

GAS LINE

WATER LINE

WOOD RAILING

RIP RAP

PARKING STALL

CROSSWALK

CULVERT PIPE

PATH

CONCRETE WHEEL STOP

ROCK WITH PLACARD

BIKE RACK

TREES

STORM SEWER DRAIN

SIGN

BOLLARD

METER

BORING LOCATION

SEPC/SEPV SEPTIC

POST

LIGHT POLE

WATER VALVE/FOUNTAIN

UTILITY PEDESTAL

BENCHMARK

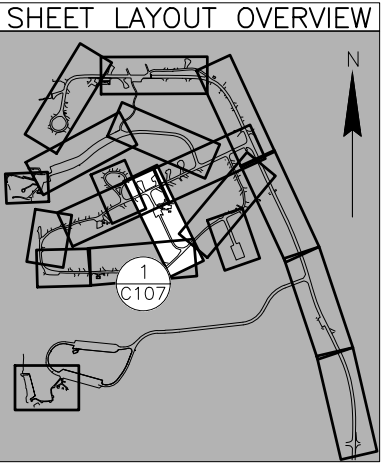
CONTROL POINT

885 — MAJOR CONTOUR (5')

884 — MINOR CONTOUR (1')

SANITARY MANHOLE

GRAVEL EDGE



TO OBTAIN LOCATIONS OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE 1-800-242-8511 TOLL FREE

WIS STATUTE 182.0175(1974) REQUIRES MIN. 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

ATTENTION

ALL UTILITY LOCATIONS ARE SHOWN FROM FIELD OBSERVATION BASED UPON LOCATES AND/OR INFORMATION RECEIVED FROM OTHER SURVEYS AND VARIOUS UTILITY COMPANIES. BEFORE THE START OF ANY EXCAVATION, A COMPLETE LOCATE OF ALL UTILITIES WITHIN THE CONSTRUCTION AREA SHOULD BE COMPLETED. SOME OF THE UTILITIES ON THE FACILITY GROUNDS ARE PRIVATELY OWNED UTILITIES AND WILL NOT BE IDENTIFIED BY DIGGERS HOTLINE. IF THE OWNER IS UNABLE TO IDENTIFY THE LINES, ACQUIRE AND PAY FOR THE SERVICE OF A PRIVATE MARKING COMPANY TO IDENTIFY ALL LINES.

4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
EXISTING SITE PLAN

|            |       |              |
|------------|-------|--------------|
| Revisions: |       |              |
| No.        | Date: | Description: |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |

Graphic Scale

0' 12.5' 25' 37.5'

DFD Number

24E7Z

Set Type

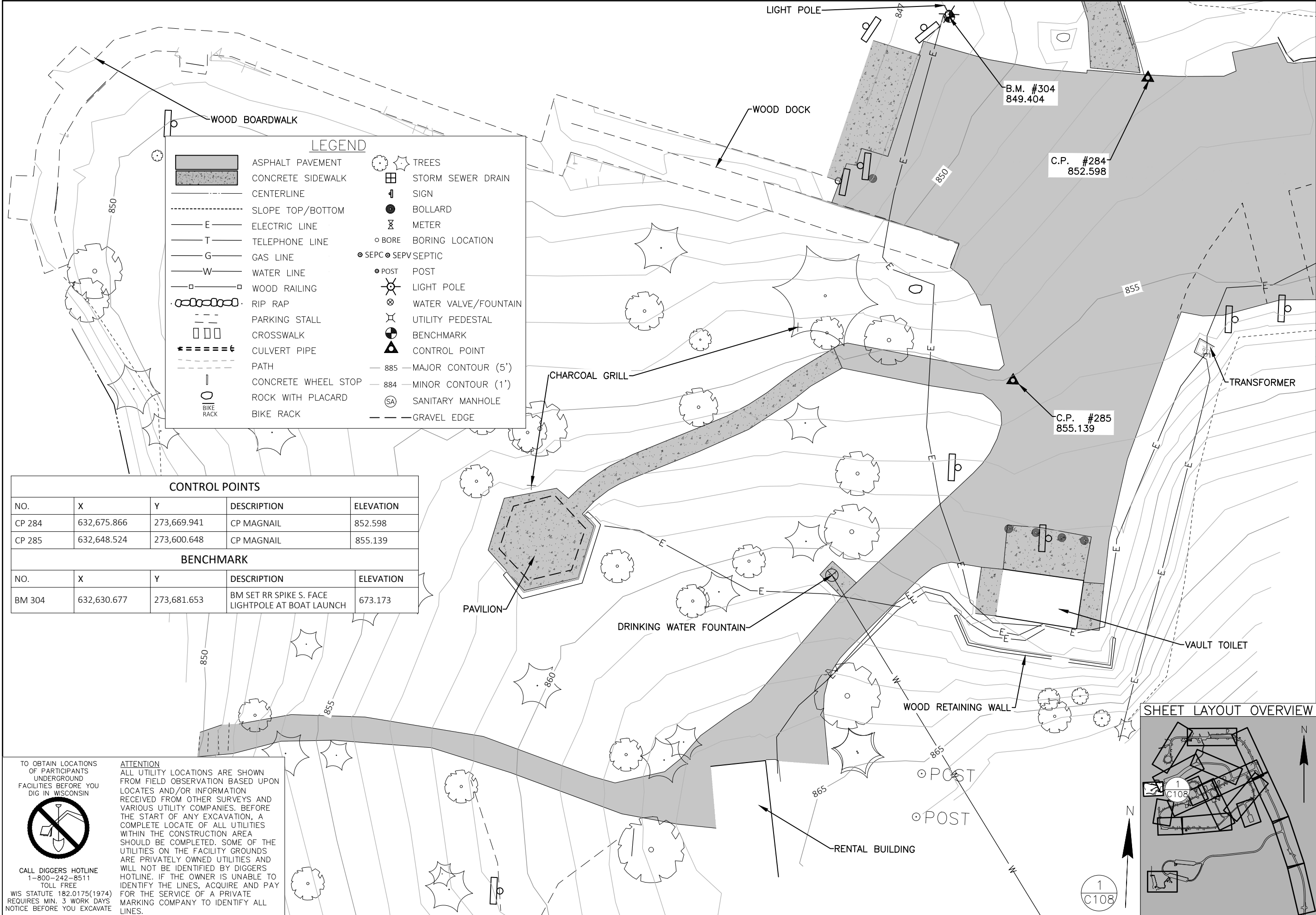
BD

Date Issued

11/12/2025

Sheet Number

C107



LEGEND

ASPHALT PAVEMENT

CONCRETE SIDEWALK

CENTERLINE

SLOPE TOP/BOTTOM

E ELECTRIC LINE

T TELEPHONE LINE

G GAS LINE

W WATER LINE

WOOD RAILING

RIP RAP

PARKING STALL

CROSSWALK

CULVERT PIPE

PATH

CONCRETE WHEEL STOP

ROCK WITH PLACARD

BIKE RACK

TREES

STORM SEWER DRAIN

SIGN

BOLLARD

METER

BORING LOCATION

SEPC SEPV SEPTIC

POST

LIGHT POLE

WATER VALVE/FOUNTAIN

UTILITY PEDESTAL

BENCHMARK

CONTROL POINT

885 MAJOR CONTOUR (5')

884 MINOR CONTOUR (1')

SANITARY MANHOLE

GRAVEL EDGE

| CONTROL POINTS |             |             |             |           |
|----------------|-------------|-------------|-------------|-----------|
| NO.            | X           | Y           | DESCRIPTION | ELEVATION |
| CP 284         | 632,675.866 | 273,669.941 | CP MAGNAIL  | 852.598   |
| CP 285         | 632,648.524 | 273,600.648 | CP MAGNAIL  | 855.139   |

| BENCHMARK |             |             |                                                  |           |
|-----------|-------------|-------------|--------------------------------------------------|-----------|
| NO.       | X           | Y           | DESCRIPTION                                      | ELEVATION |
| BM 304    | 632,630.677 | 273,681.653 | BM SET RR SPIKE S. FACE LIGHTPOLE AT BOAT LAUNCH | 673.173   |

TO OBTAIN LOCATIONS OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE  
1-800-242-8511  
TOLL FREE

WIS STATUTE 182.0175(1974)  
REQUIRES MIN. 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE

ATTENTION

ALL UTILITY LOCATIONS ARE SHOWN FROM FIELD OBSERVATION BASED UPON LOCATES AND/OR INFORMATION RECEIVED FROM OTHER SURVEYS AND VARIOUS UTILITY COMPANIES. BEFORE THE START OF ANY EXCAVATION, A COMPLETE LOCATE OF ALL UTILITIES WITHIN THE CONSTRUCTION AREA SHOULD BE COMPLETED. SOME OF THE UTILITIES ON THE FACILITY GROUNDS ARE PRIVATELY OWNED UTILITIES AND WILL NOT BE IDENTIFIED BY DIGGERS HOTLINE. IF THE OWNER IS UNABLE TO IDENTIFY THE LINES, ACQUIRE AND PAY FOR THE SERVICE OF A PRIVATE MARKING COMPANY TO IDENTIFY ALL LINES.

SHEET LAYOUT OVERVIEW

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

Graphic Scale

DFD Number

24E7Z

Set Type

BD

Date Issued

11/12/2025

Sheet Number

C108

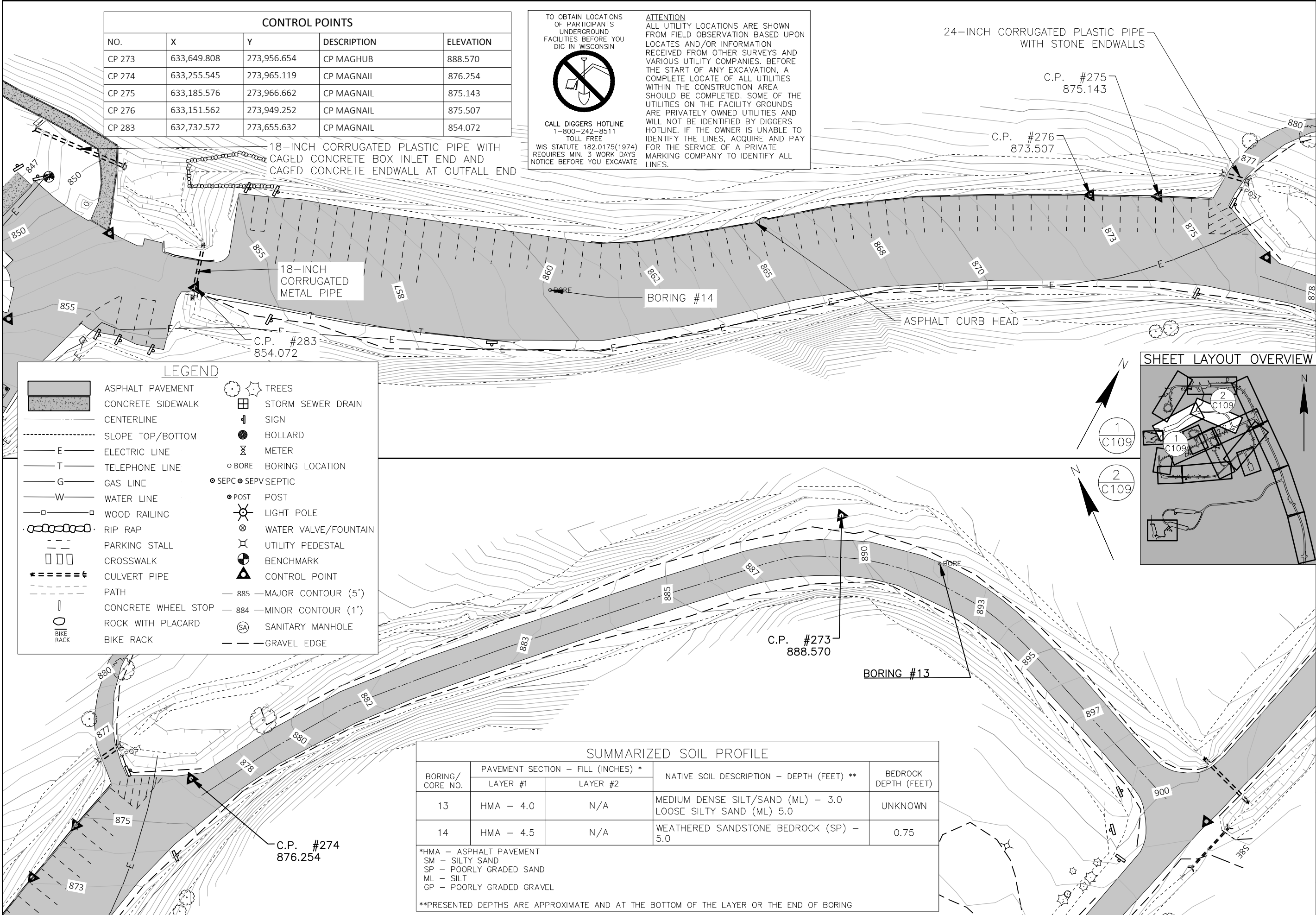
4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
EXISTING SITE PLAN





| CONTROL POINTS |             |             |             |           |
|----------------|-------------|-------------|-------------|-----------|
| NO.            | X           | Y           | DESCRIPTION | ELEVATION |
| CP 273         | 633,649.808 | 273,956.654 | CP MAGHUB   | 888.570   |
| CP 274         | 633,255.545 | 273,965.119 | CP MAGNAIL  | 876.254   |
| CP 275         | 633,185.576 | 273,966.662 | CP MAGNAIL  | 875.143   |
| CP 276         | 633,151.562 | 273,949.252 | CP MAGNAIL  | 875.507   |
| CP 283         | 632,732.572 | 273,655.632 | CP MAGNAIL  | 854.072   |

TO OBTAIN LOCATIONS OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN



CALL DIGGERS HOTLINE 1-800-242-8511 TOLL FREE

WIS STATUTE 182.0175(1974) REQUIRES MIN. 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

ATTENTION

ALL UTILITY LOCATIONS ARE SHOWN FROM FIELD OBSERVATION BASED UPON LOCATES AND/OR INFORMATION RECEIVED FROM OTHER SURVEYS AND VARIOUS UTILITY COMPANIES. BEFORE THE START OF ANY EXCAVATION, A COMPLETE LOCATE OF ALL UTILITIES WITHIN THE CONSTRUCTION AREA SHOULD BE COMPLETED. SOME OF THE UTILITIES ON THE FACILITY GROUNDS ARE PRIVATELY OWNED UTILITIES AND WILL NOT BE IDENTIFIED BY DIGGERS HOTLINE. IF THE OWNER IS UNABLE TO IDENTIFY THE LINES, ACQUIRE AND PAY FOR THE SERVICE OF A PRIVATE MARKING COMPANY TO IDENTIFY ALL LINES.

| LEGEND |                          |
|--------|--------------------------|
|        | ASPHALT PAVEMENT         |
|        | CONCRETE SIDEWALK        |
|        | CENTERLINE               |
|        | SLOPE TOP/BOTTOM         |
|        | ELECTRIC LINE            |
|        | TELEPHONE LINE           |
|        | GAS LINE                 |
|        | WATER LINE               |
|        | WOOD RAILING             |
|        | RIP RAP                  |
|        | PARKING STALL            |
|        | CROSSWALK                |
|        | CULVERT PIPE             |
|        | PATH                     |
|        | CONCRETE WHEEL STOP      |
|        | ROCK WITH PLACARD        |
|        | BIKE RACK                |
|        | TREES                    |
|        | STORM SEWER DRAIN        |
|        | SIGN                     |
|        | BOLLARD                  |
|        | METER                    |
|        | BORING LOCATION          |
|        | SEPC SEPV SEPTIC         |
|        | POST                     |
|        | LIGHT POLE               |
|        | WATER VALVE/FOUNTAIN     |
|        | UTILITY PEDESTAL         |
|        | BENCHMARK                |
|        | CONTROL POINT            |
|        | 885 - MAJOR CONTOUR (5') |
|        | 884 - MINOR CONTOUR (1') |
|        | SA SANITARY MANHOLE      |
|        | GRAVEL EDGE              |

| SUMMARIZED SOIL PROFILE |                                    |          |                                                                |                         |
|-------------------------|------------------------------------|----------|----------------------------------------------------------------|-------------------------|
| BORING/<br>CORE NO.     | PAVEMENT SECTION - FILL (INCHES) * |          | NATIVE SOIL DESCRIPTION - DEPTH (FEET) **                      | BEDROCK<br>DEPTH (FEET) |
|                         | LAYER #1                           | LAYER #2 |                                                                |                         |
| 13                      | HMA - 4.0                          | N/A      | MEDIUM DENSE SILT/SAND (ML) - 3.0<br>LOOSE SILTY SAND (ML) 5.0 | UNKNOWN                 |
| 14                      | HMA - 4.5                          | N/A      | WEATHERED SANDSTONE BEDROCK (SP) - 5.0                         | 0.75                    |

\*HMA - ASPHALT PAVEMENT  
SM - SILTY SAND  
SP - POORLY GRADED SAND  
ML - SILT  
GP - POORLY GRADED GRAVEL

\*\*PRESENTED DEPTHS ARE APPROXIMATE AND AT THE BOTTOM OF THE LAYER OR THE END OF BORING



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



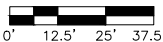
MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
EXISTING SITE PLAN

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |

Graphic Scale



0' 12.5' 25' 37.5'

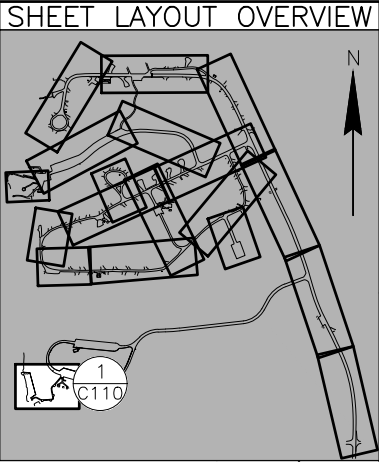
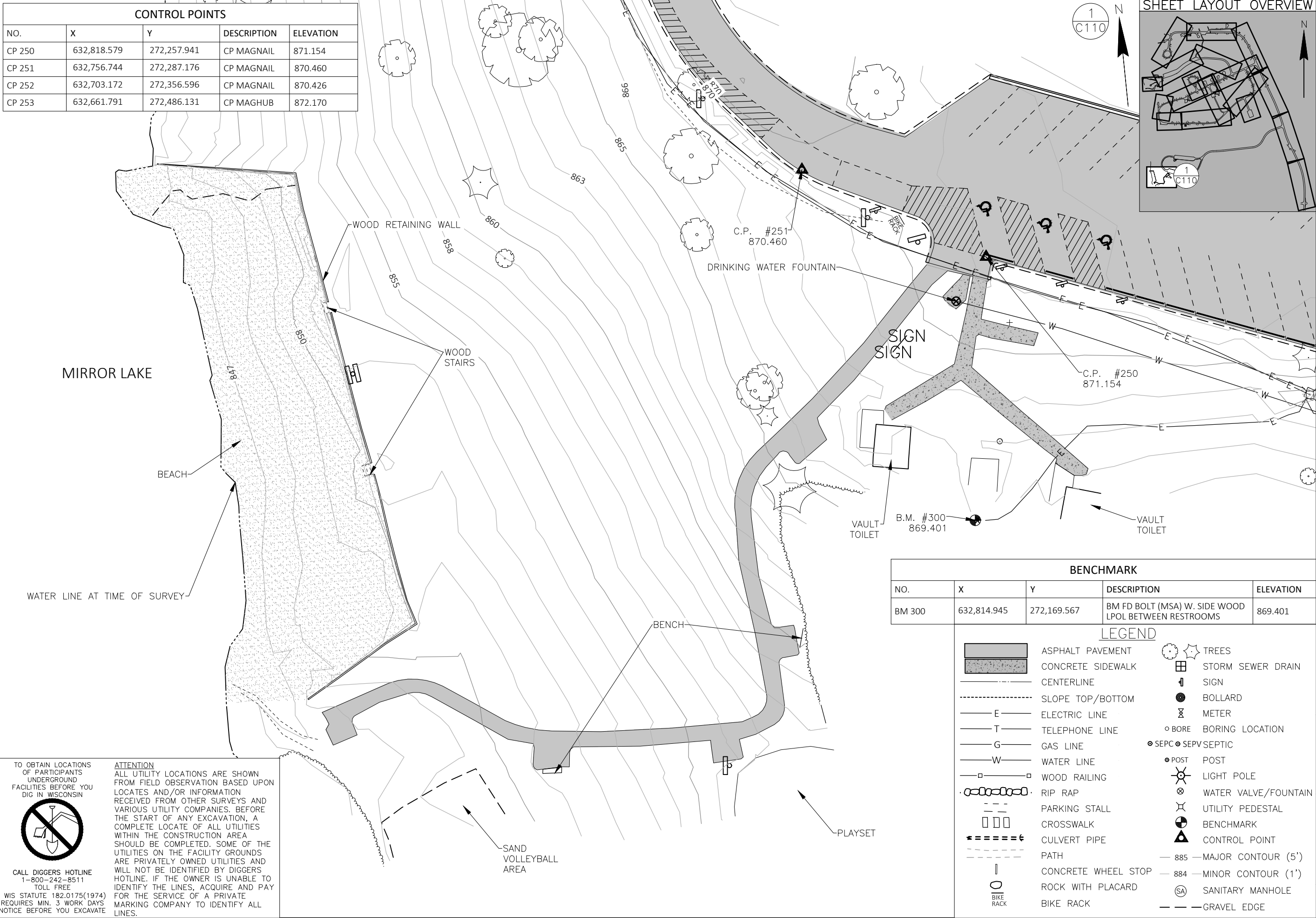
DFD Number: 24E7Z

Set Type: BD

Date Issued: 11/12/2025

Sheet Number: C109

| CONTROL POINTS |             |             |             |           |
|----------------|-------------|-------------|-------------|-----------|
| NO.            | X           | Y           | DESCRIPTION | ELEVATION |
| CP 250         | 632,818.579 | 272,257.941 | CP MAGNAIL  | 871.154   |
| CP 251         | 632,756.744 | 272,287.176 | CP MAGNAIL  | 870.460   |
| CP 252         | 632,703.172 | 272,356.596 | CP MAGNAIL  | 870.426   |
| CP 253         | 632,661.791 | 272,486.131 | CP MAGHUB   | 872.170   |



| BENCHMARK |             |             |                                                      |           |
|-----------|-------------|-------------|------------------------------------------------------|-----------|
| NO.       | X           | Y           | DESCRIPTION                                          | ELEVATION |
| BM 300    | 632,814.945 | 272,169.567 | BM FD BOLT (MSA) W. SIDE WOOD LPOL BETWEEN RESTROOMS | 869.401   |

| LEGEND |                          |
|--------|--------------------------|
|        | ASPHALT PAVEMENT         |
|        | CONCRETE SIDEWALK        |
|        | CENTERLINE               |
|        | SLOPE TOP/BOTTOM         |
|        | ELECTRIC LINE            |
|        | TELEPHONE LINE           |
|        | GAS LINE                 |
|        | WATER LINE               |
|        | WOOD RAILING             |
|        | RIP RAP                  |
|        | PARKING STALL            |
|        | CROSSWALK                |
|        | CULVERT PIPE             |
|        | PATH                     |
|        | CONCRETE WHEEL STOP      |
|        | ROCK WITH PLACARD        |
|        | BIKE RACK                |
|        | TREES                    |
|        | STORM SEWER DRAIN        |
|        | SIGN                     |
|        | BOLLARD                  |
|        | METER                    |
|        | BORING LOCATION          |
|        | SEPC SEPV SEPTIC         |
|        | POST                     |
|        | LIGHT POLE               |
|        | WATER VALVE/FOUNTAIN     |
|        | UTILITY PEDESTAL         |
|        | BENCHMARK                |
|        | CONTROL POINT            |
|        | 885 — MAJOR CONTOUR (5') |
|        | 884 — MINOR CONTOUR (1') |
|        | SA SANITARY MANHOLE      |
|        | — — GRAVEL EDGE          |

TO OBTAIN LOCATIONS OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE  
1-800-242-8511  
TOLL FREE

WIS STATUTE 182.0175(1974) REQUIRES MIN. 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

**ATTENTION**

ALL UTILITY LOCATIONS ARE SHOWN FROM FIELD OBSERVATION BASED UPON LOCATES AND/OR INFORMATION RECEIVED FROM OTHER SURVEYS AND VARIOUS UTILITY COMPANIES. BEFORE THE START OF ANY EXCAVATION, A COMPLETE LOCATE OF ALL UTILITIES WITHIN THE CONSTRUCTION AREA SHOULD BE COMPLETED. SOME OF THE UTILITIES ON THE FACILITY GROUNDS ARE PRIVATELY OWNED UTILITIES AND WILL NOT BE IDENTIFIED BY DIGGERS HOTLINE. IF THE OWNER IS UNABLE TO IDENTIFY THE LINES, ACQUIRE AND PAY FOR THE SERVICE OF A PRIVATE MARKING COMPANY TO IDENTIFY ALL LINES.

4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
EXISTING SITE PLAN

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

Graphic Scale: 0' 7.5' 15' 22.5'

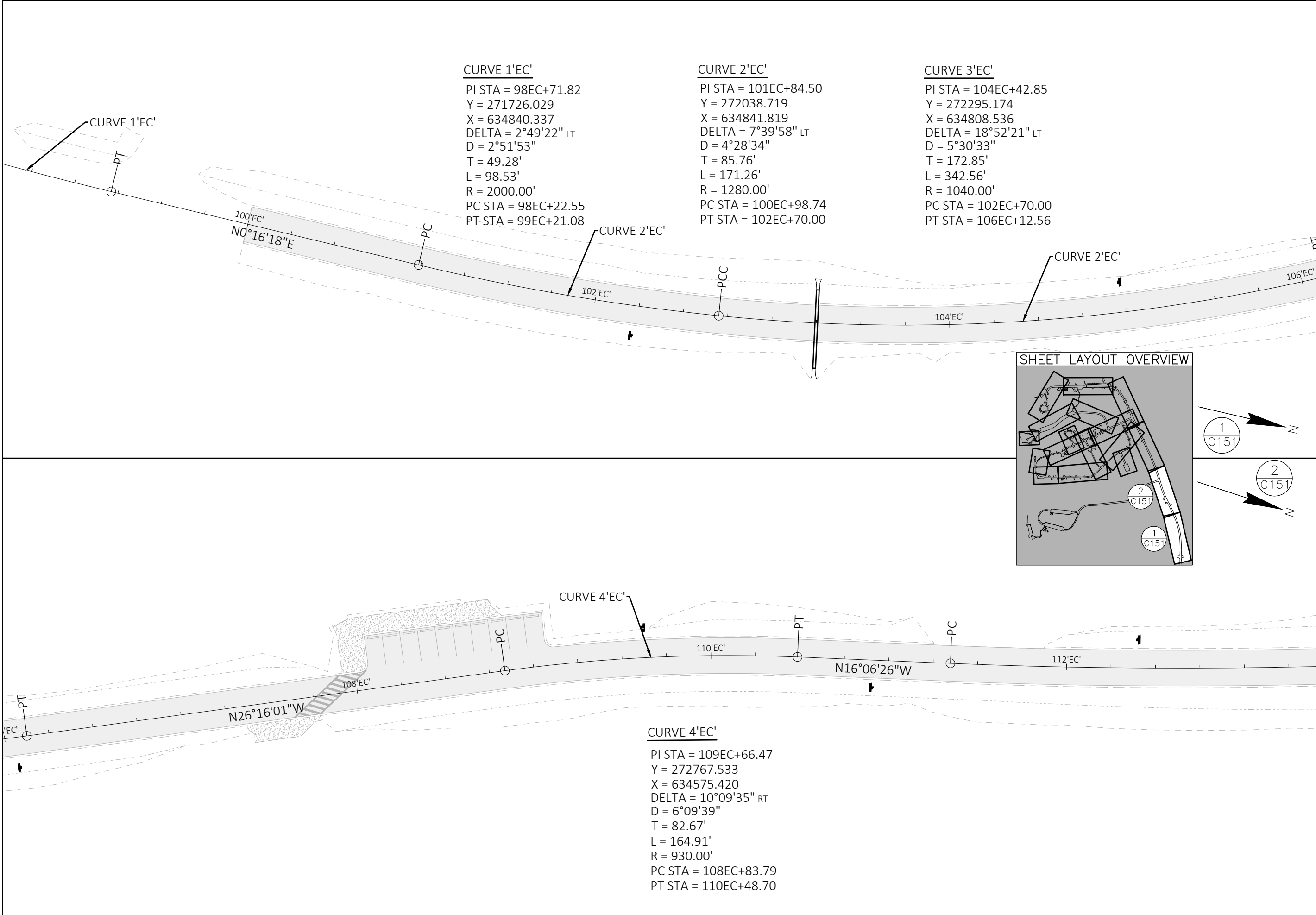
DFD Number: 24E7Z

Set Type: BD

Date Issued: 11/12/2025

Sheet Number: C110



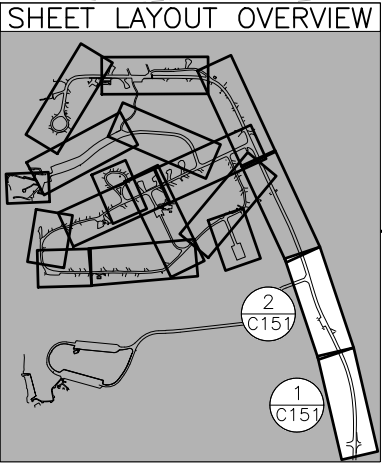


**CURVE 1'EC'**  
PI STA = 98EC+71.82  
Y = 271726.029  
X = 634840.337  
DELTA = 2°49'22" LT  
D = 2°51'53"  
T = 49.28'  
L = 98.53'  
R = 2000.00'  
PC STA = 98EC+22.55  
PT STA = 99EC+21.08

**CURVE 2'EC'**  
PI STA = 101EC+84.50  
Y = 272038.719  
X = 634841.819  
DELTA = 7°39'58" LT  
D = 4°28'34"  
T = 85.76'  
L = 171.26'  
R = 1280.00'  
PC STA = 100EC+98.74  
PT STA = 102EC+70.00

**CURVE 3'EC'**  
PI STA = 104EC+42.85  
Y = 272295.174  
X = 634808.536  
DELTA = 18°52'21" LT  
D = 5°30'33"  
T = 172.85'  
L = 342.56'  
R = 1040.00'  
PC STA = 102EC+70.00  
PT STA = 106EC+12.56

**CURVE 4'EC'**  
PI STA = 109EC+66.47  
Y = 272767.533  
X = 634575.420  
DELTA = 10°09'35" RT  
D = 6°09'39"  
T = 82.67'  
L = 164.91'  
R = 930.00'  
PC STA = 108EC+83.79  
PT STA = 110EC+48.70





4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development

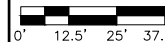


MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
ALIGNMENT DIAGRAM

| Revisions: |       |              |
|------------|-------|--------------|
| No.        | Date: | Description: |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |

Graphic Scale



0' 12.5' 25' 37.5'

DFD Number

24E7Z

Set Type

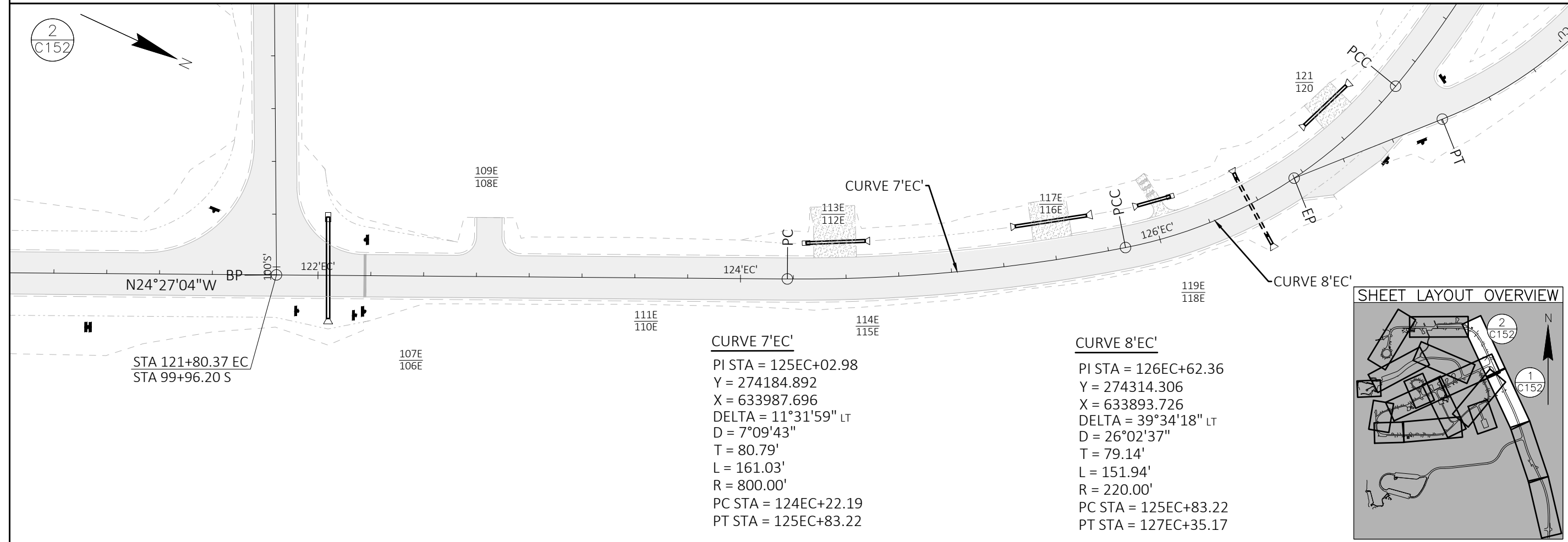
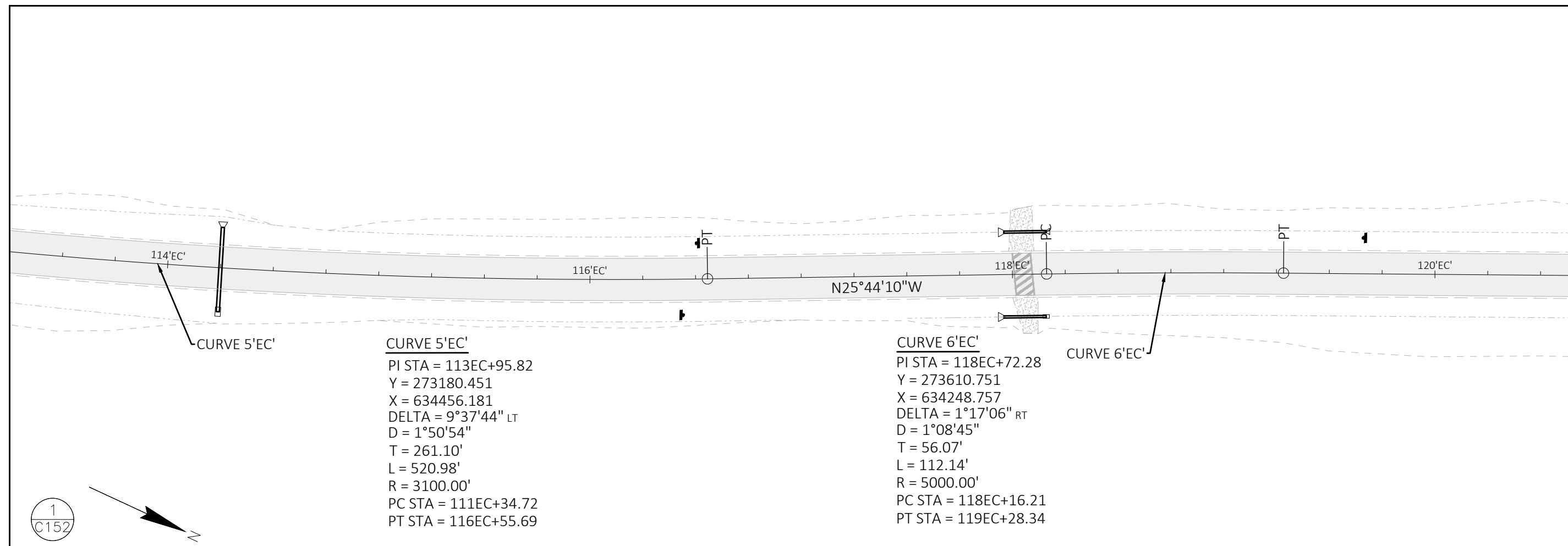
BD

Date Issued

11/12/2025

Sheet Number

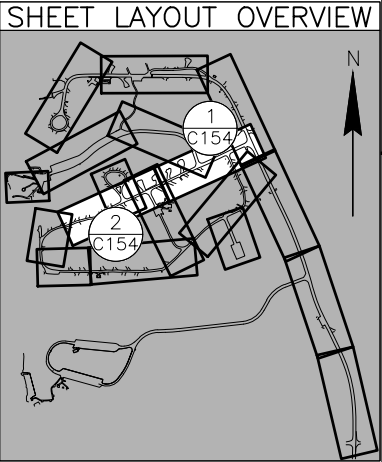
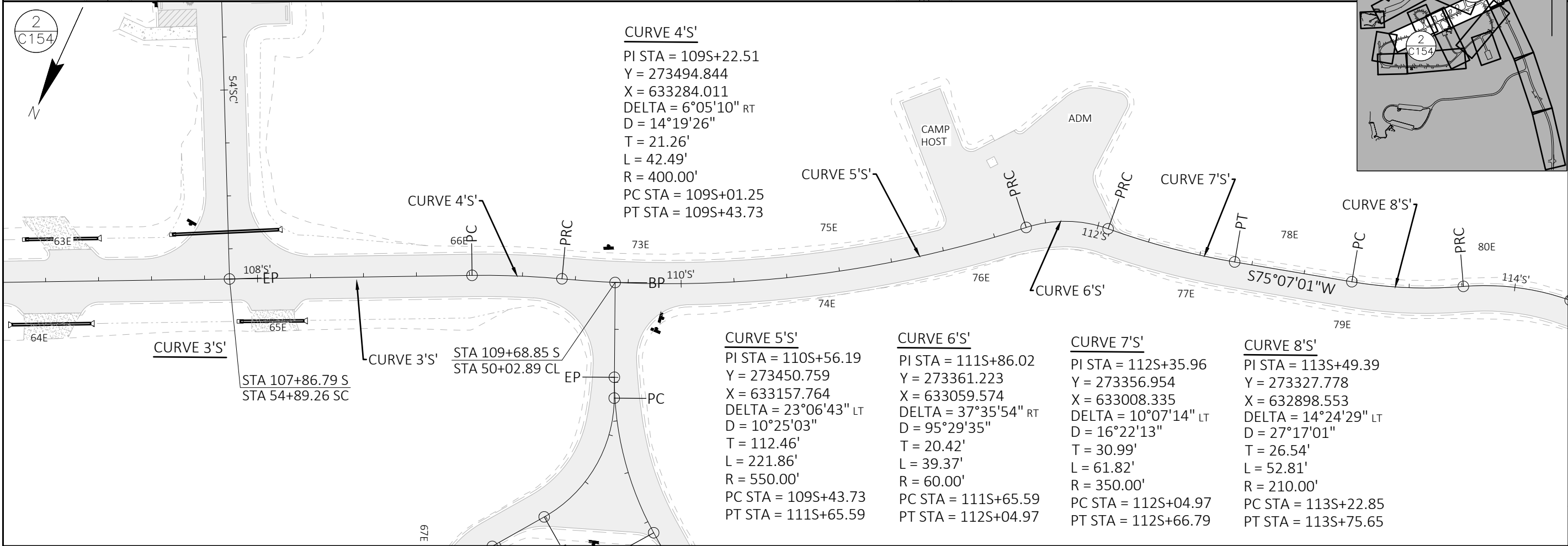
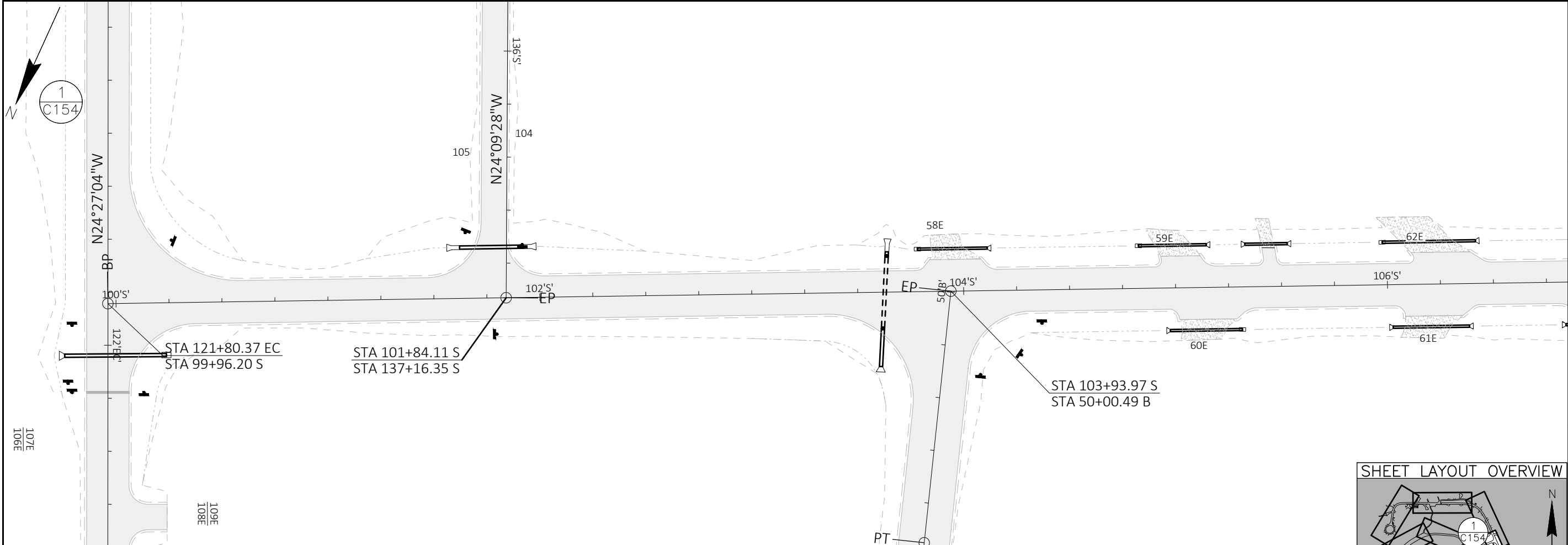
C151



|               |                                                                                       |              |  |
|---------------|---------------------------------------------------------------------------------------|--------------|--|
| Revisions:    |                                                                                       |              |  |
| No.           | Date:                                                                                 | Description: |  |
|               |                                                                                       |              |  |
|               |                                                                                       |              |  |
|               |                                                                                       |              |  |
|               |                                                                                       |              |  |
|               |                                                                                       |              |  |
|               |                                                                                       |              |  |
|               |                                                                                       |              |  |
| Graphic Scale |  |              |  |
| DFD Number    | 24E7Z                                                                                 |              |  |
| Set Type      | BD                                                                                    |              |  |
| Date Issued   | 11/12/2025                                                                            |              |  |
| Sheet Number  | C152                                                                                  |              |  |









4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.673.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

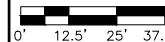


State of Wisconsin  
Department of Administration  
Division of Facilities Development

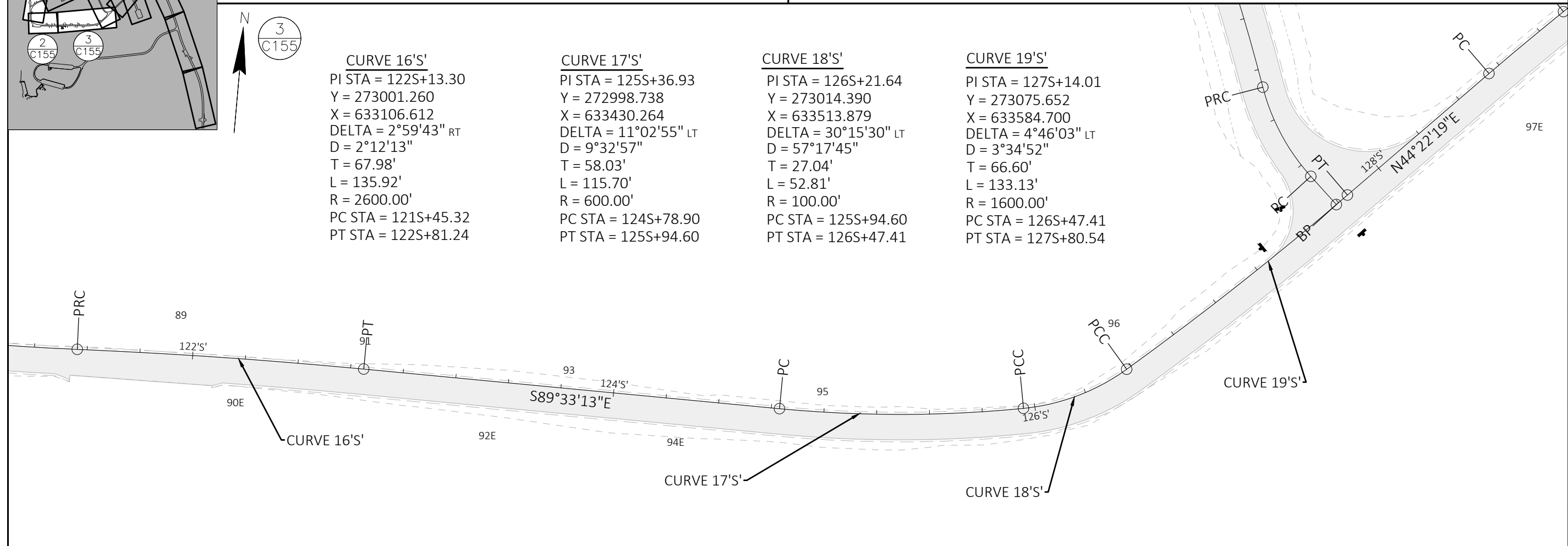
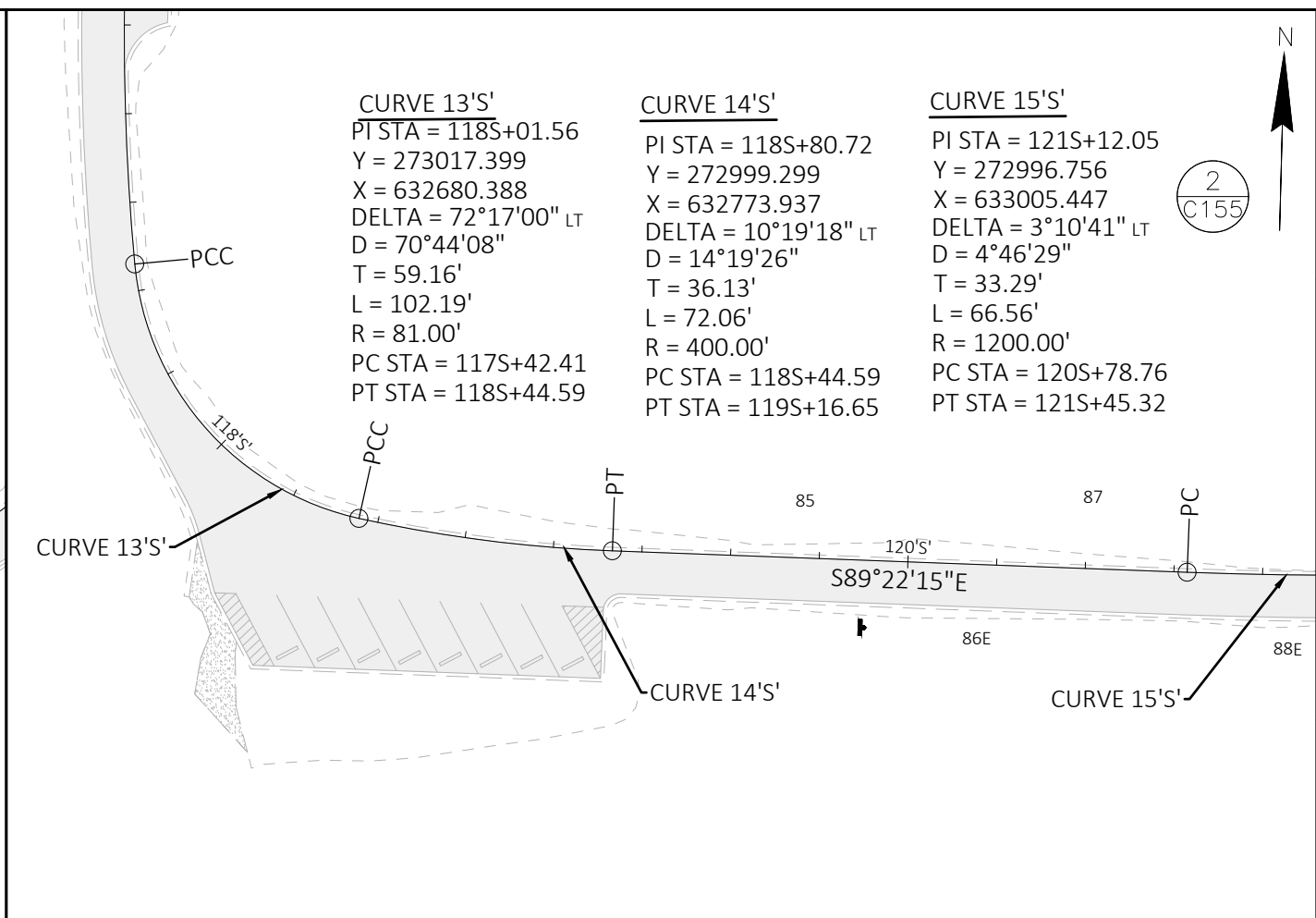
MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

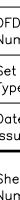
Sheet Title:  
ALIGNMENT DIAGRAM

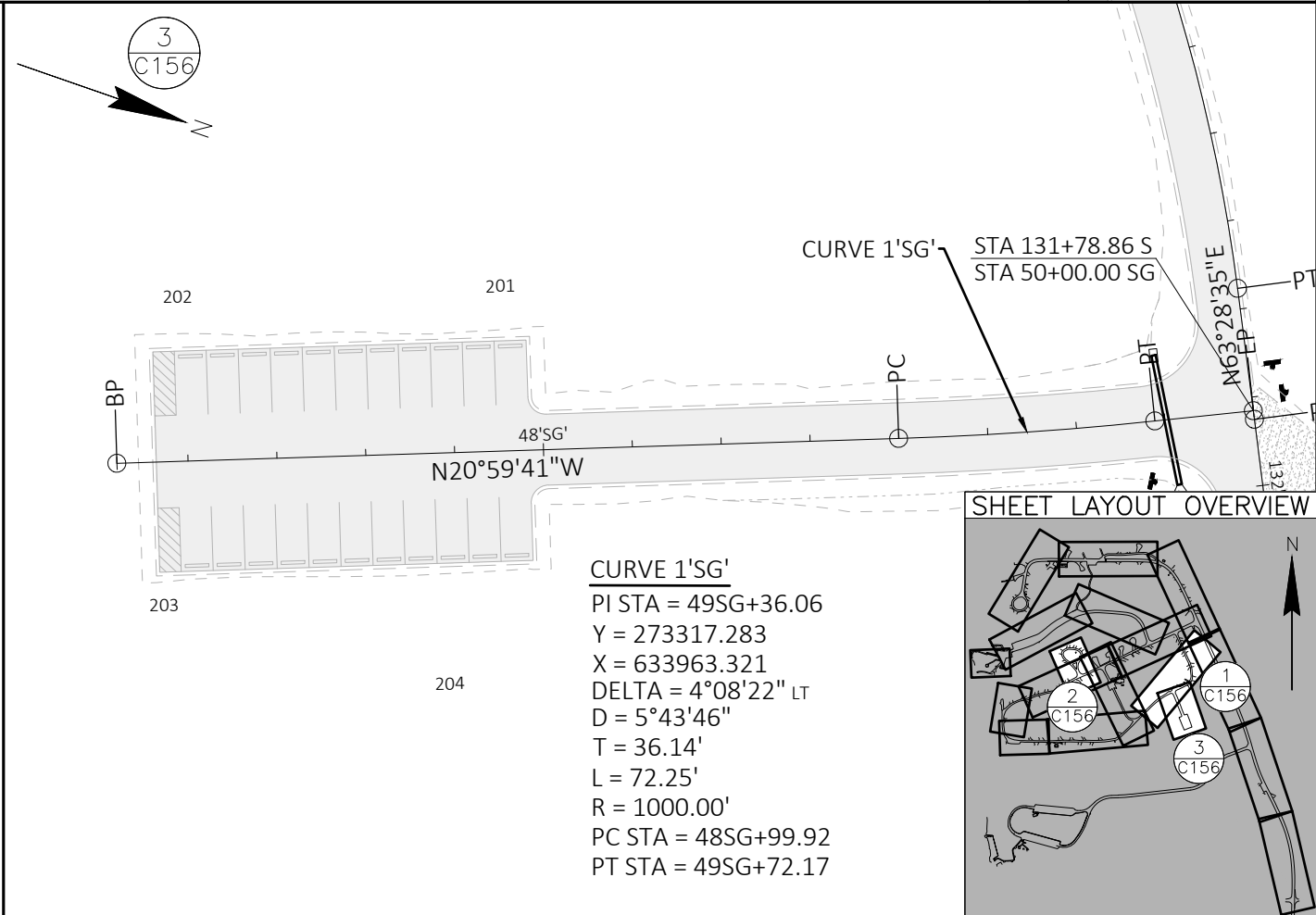
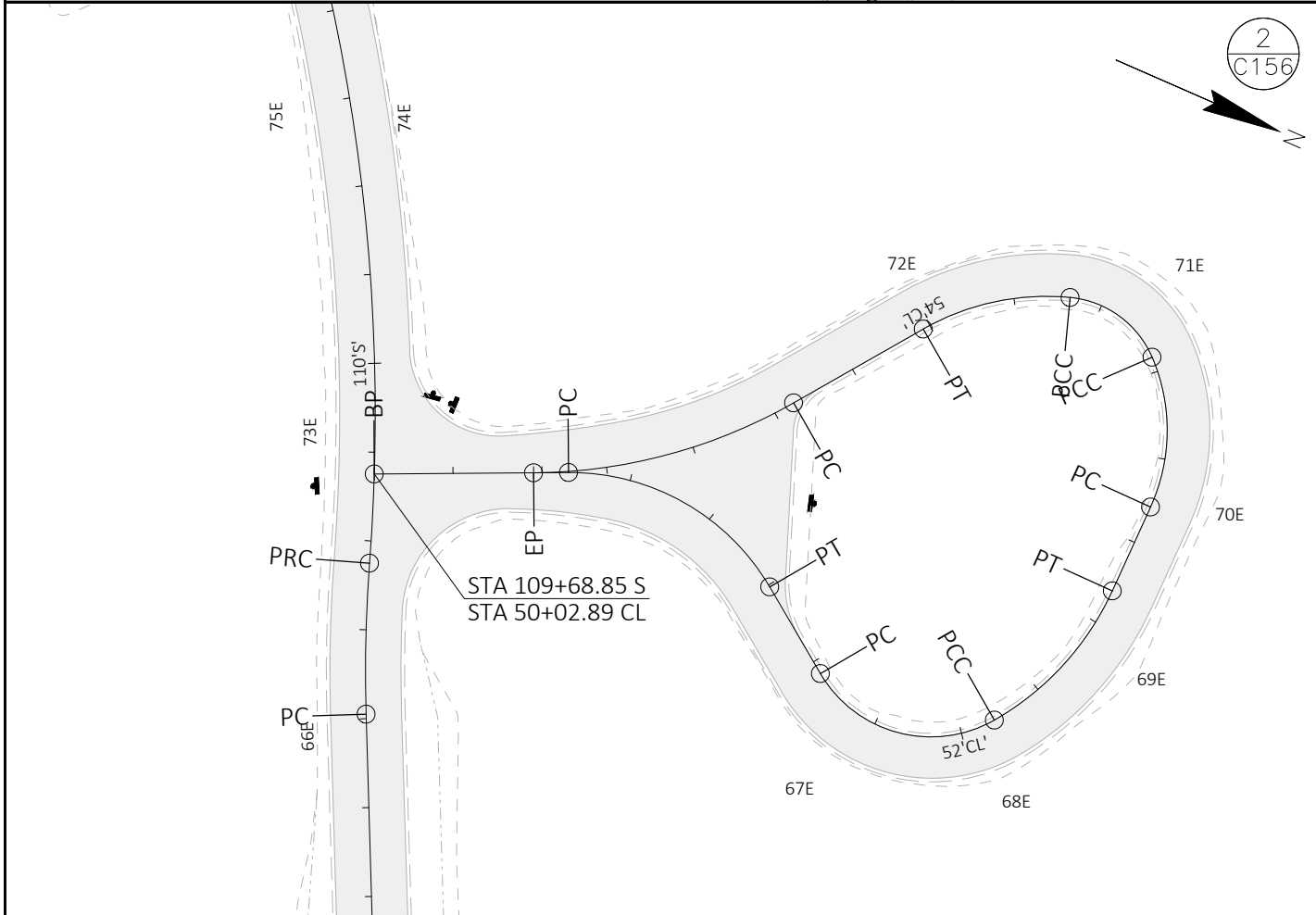
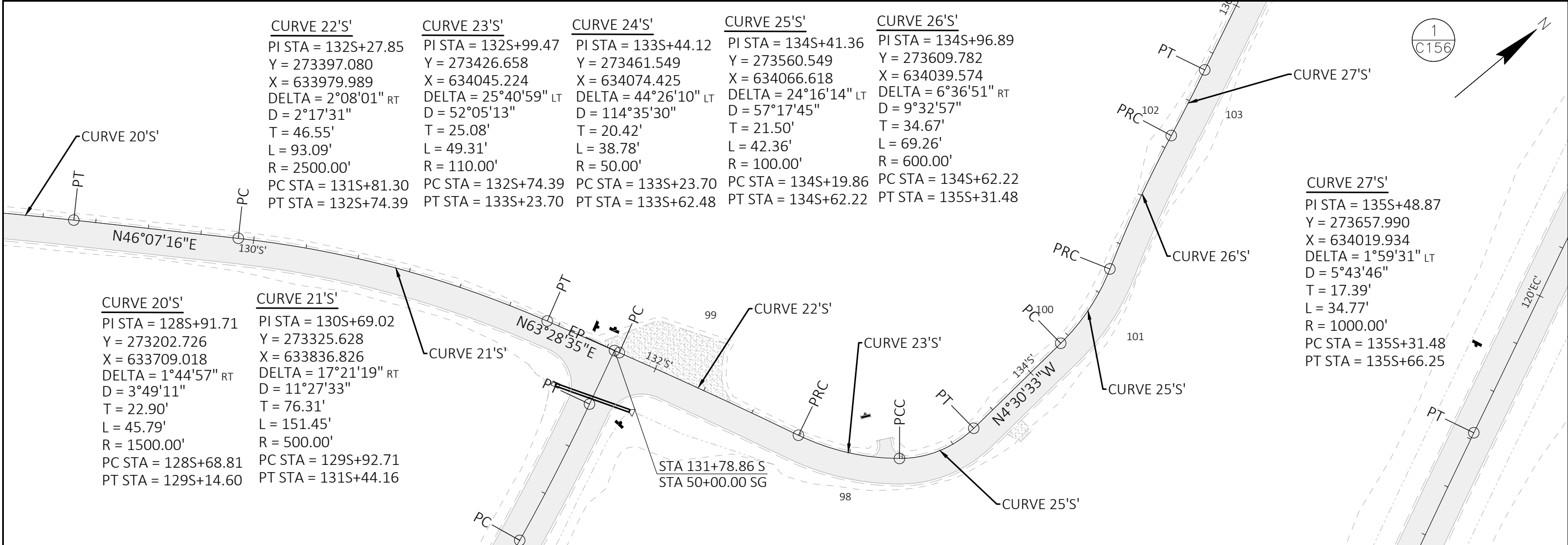
| Revisions: |       |              |
|------------|-------|--------------|
| No.        | Date: | Description: |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |

|               |                                                                                       |
|---------------|---------------------------------------------------------------------------------------|
| Graphic Scale |  |
| DFD Number    | 24E7Z                                                                                 |
| Set Type      | BD                                                                                    |
| Date Issued   | 11/12/2025                                                                            |
| Sheet Number  | C154                                                                                  |





|                                                                                                                                                                   |       |                                                                                       |  |  |  |                                                                                                               |  |  |  |  |  |                                                                                      |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------|--|--|--|---------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
|                                                                              |       |                                                                                       |  |  |  | 4854 S. BILTMORE LN.<br>MADISON, WI 53718<br>PHONE: 608.673.4400<br>KAPURINC.COM<br>PROJECT NUMBER: 23.0091   |  |  |  |  |  |                                                                                      |  |  |  |  |  |  |  |  |  |  |  |
|                                                                              |       |                                                                                       |  |  |  | <b>State of Wisconsin</b><br><b>Department of Administration</b><br><b>Division of Facilities Development</b> |  |  |  |  |  |                                                                                      |  |  |  |  |  |  |  |  |  |  |  |
| <div style="text-align: center;"> <p>MIRROR LAKE PAVING</p> <p>MIRROR LAKE STATE PARK</p> <p>DEPARTMENT OF NATURAL RESOURCES</p> <p>BARABOO, WISCONSIN</p> </div> |       |                                                                                       |  |  |  |                                                                                                               |  |  |  |  |  | <div style="text-align: right;"> <p>Sheet Title:</p> <p>ALIGNMENT DIAGRAM</p> </div> |  |  |  |  |  |  |  |  |  |  |  |
| Revisions:                                                                                                                                                        |       |                                                                                       |  |  |  |                                                                                                               |  |  |  |  |  |                                                                                      |  |  |  |  |  |  |  |  |  |  |  |
| No.                                                                                                                                                               | Date: | Description:                                                                          |  |  |  |                                                                                                               |  |  |  |  |  |                                                                                      |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                   |       |                                                                                       |  |  |  |                                                                                                               |  |  |  |  |  |                                                                                      |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                   |       |                                                                                       |  |  |  |                                                                                                               |  |  |  |  |  |                                                                                      |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                   |       |                                                                                       |  |  |  |                                                                                                               |  |  |  |  |  |                                                                                      |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                   |       |                                                                                       |  |  |  |                                                                                                               |  |  |  |  |  |                                                                                      |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                   |       |                                                                                       |  |  |  |                                                                                                               |  |  |  |  |  |                                                                                      |  |  |  |  |  |  |  |  |  |  |  |
| Graphic Scale                                                                                                                                                     |       |  |  |  |  |                                                                                                               |  |  |  |  |  |                                                                                      |  |  |  |  |  |  |  |  |  |  |  |
| DFD Number                                                                                                                                                        |       | 24E7Z                                                                                 |  |  |  |                                                                                                               |  |  |  |  |  |                                                                                      |  |  |  |  |  |  |  |  |  |  |  |
| Set Type                                                                                                                                                          |       | BD                                                                                    |  |  |  |                                                                                                               |  |  |  |  |  |                                                                                      |  |  |  |  |  |  |  |  |  |  |  |
| Date Issued                                                                                                                                                       |       | 11/12/2025                                                                            |  |  |  |                                                                                                               |  |  |  |  |  |                                                                                      |  |  |  |  |  |  |  |  |  |  |  |
| Sheet Number                                                                                                                                                      |       | C155                                                                                  |  |  |  |                                                                                                               |  |  |  |  |  |                                                                                      |  |  |  |  |  |  |  |  |  |  |  |





4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
ALIGNMENT DIAGRAM

| Revisions: |       |              |
|------------|-------|--------------|
| No.        | Date: | Description: |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |

Graphic Scale

0' 12.5' 25' 37.5'

DFD Number

24E7Z

Set Type

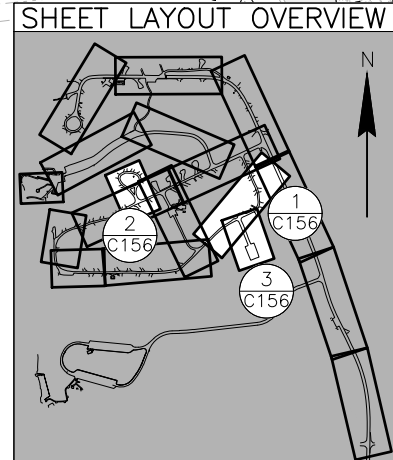
BD

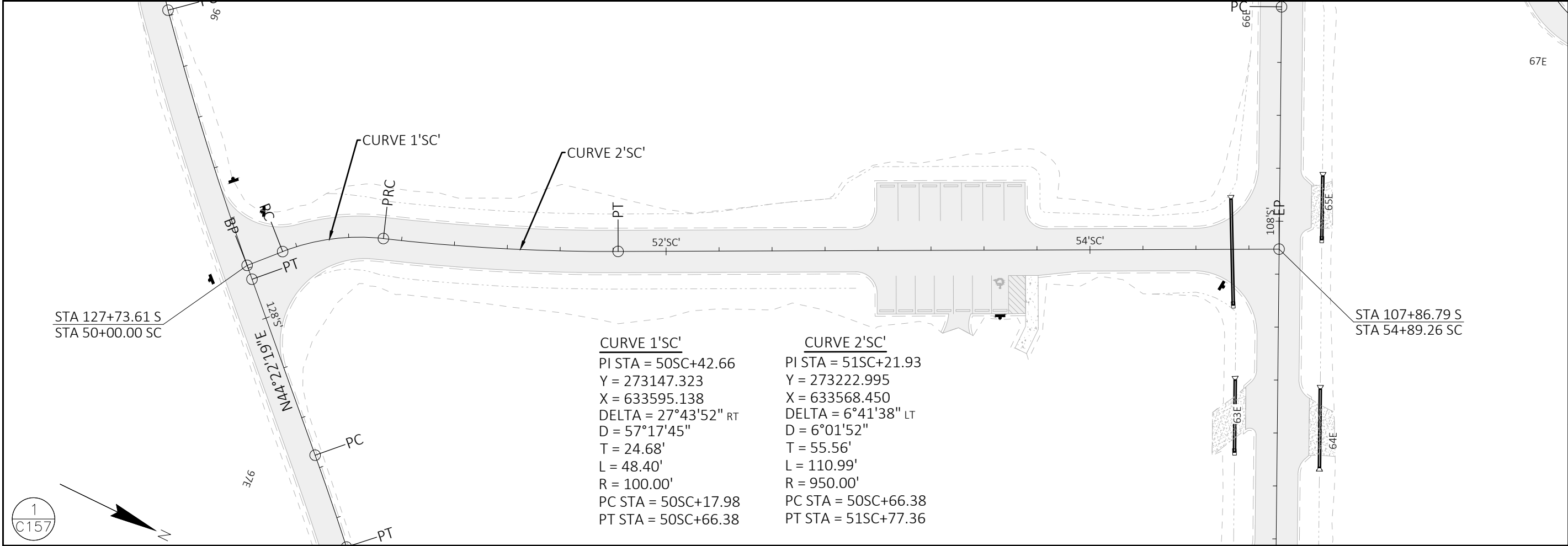
Date Issued

11/12/2025

Sheet Number

C156





|               |            |              |
|---------------|------------|--------------|
| Revisions:    |            |              |
| No.           | Date:      | Description: |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
| Graphic Scale |            |              |
| DFD Number    | 24E7Z      |              |
| Set Type      | BD         |              |
| Date Issued   | 11/12/2025 |              |
| Sheet Number  | C157       |              |

4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.673.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
ALIGNMENT DIAGRAM

E10320 FERN DELL RD  
BARABOO, WI 53913







## GENERAL NOTES

## NOTES

1. SEE EXISTING SITE PLAN (C101-C110) FOR ALIGNMENT DIAGRAMS.
2. SEE PLAN AND PROFILE (C151-C159) FOR ALIGNMENT DIAGRAMS.
3. CONTRACTOR TO PROTECT SITE FEATURES UNLESS OTHERWISE SHOWN TO BE REMOVED OR ABANDONED.
4. REMOVAL AND DEMOLITION CANNOT START UNTIL ALL EROSION CONTROL ITEMS ARE IN PLACE.
5. REMOVE DELINEATORS AT EACH EXISTING CULVERT CROSSING. NEW DELINEATORS ARE TO BE INSTALLED.
6. EXCAVATION EQUIPMENT SHALL BE SELECTED AS TO MINIMIZE THE AMOUNT OF DISTURBANCE OUTSIDE OF THE ROADWAY.
7. GENERAL CONTRACTOR, OR THEIR SUB CONTRACTORS, SHALL CONTACT DIGGER'S HOTLINE TO ALLOW THEM SUFFICIENT TIME TO LOCATE EXISTING UTILITIES PRIOR TO THE COMMENCEMENT OF WORK. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE PUBLIC UTILITY LOCATE SERVICE (DIGGER'S HOTLINE) AND PRIVATE UTILITY LOCATE SERVICE, AS NEEDED, TO LOCATE ALL UTILITIES IN AREAS OF WORK PRIOR TO, AND DURING WORK ACTIVITIES. ANY LOCATES PROVIDED FOR PRIVATE UTILITIES SHALL BE AT THE COST OF THE GENERAL CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY UTILITY PROVISIONS TO KEEP SERVICE IN OPERATION DURING CONSTRUCTION. IF TEMPORARY SHUTDOWNS ARE NECESSARY, CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH DFD PROJECT REPRESENTATIVE, MIRROR LAKE STATE PARK AND RESPONSIBLE UTILITY COMPANIES.
8. ALL SIGNS NOT SPECIFIED FOR REMOVAL IN THE PLAN ARE TO REMAIN. ALL CAMPSITE NUMBERING SIGNS ARE TO REMAIN.
9. ALL PIPES AND DEBRIS WITHIN THE PROJECT LIMITS THAT ARE TO REMAIN SHALL BE FLUSHED AND CLEARED OF ALL SEDIMENT MATERIAL AND DEBRIS PRIOR TO PROJECT SUBSTANTIAL COMPLETION.
10. COMPLETE ALL EXCAVATION FOR ROADWAY WIDENING PRIOR TO PULVERIZING EXISTING ASPHALT.
11. REMOVE ALL TREES WITHIN THE SLOPE INTERCEPT LIMITS AS SHOWN ON THE DEMOLITION PLANS AND/OR CROSS SECTIONS. REMOVE ASSOCIATED STUMPS IN ACCORDANCE WITH THE SITE CLEARING SPECIFICATION. REMOVE ADDITIONAL TREES OUTSIDE OF SLOPE INTERCEPT LIMITS WHERE SPECIFICALLY IDENTIFIED ON THE PLAN SHEETS OR AS DIRECTED BY THE DFD CONSTRUCTION REPRESENTATIVE OR A/E. STUMP REMOVAL IS NOT REQUIRED FOR THESE TREES UNLESS OTHERWISE NOTED OR DIRECTED.
12. THE CONTRACTOR SHALL COMPLETE ALL TREE REMOVAL AND TRIMMING ACTIVITIES WITHIN THE PROJECT AREA PRIOR TO APRIL 1 OR AFTER AUGUST 10 TO MINIMIZE POTENTIAL IMPACTS TO THREATENED AND ENDANGERED BIRDS IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL TREE REMOVAL AND TRIMMING IS COMPLETED WITHIN THIS TIMEFRAME.



State of Wisconsin  
Department of Administration  
Division of Facilities Development

E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title: SITE DEMOLITION PLAN - GENERAL NOTES

| Revisions:    |                                                                                       |              |
|---------------|---------------------------------------------------------------------------------------|--------------|
| No.           | Date:                                                                                 | Description: |
|               |                                                                                       |              |
|               |                                                                                       |              |
|               |                                                                                       |              |
|               |                                                                                       |              |
|               |                                                                                       |              |
|               |                                                                                       |              |
|               |                                                                                       |              |
|               |                                                                                       |              |
| Graphic Scale |  |              |
| DFD Number    | 24E7Z                                                                                 |              |
| Set Type      | BD                                                                                    |              |
| Date Issued   | 11/12/2025                                                                            |              |
| Sheet Number  | C200                                                                                  |              |



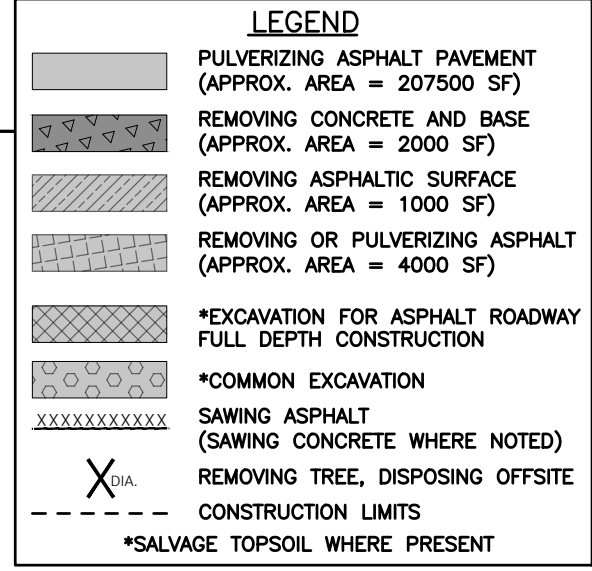
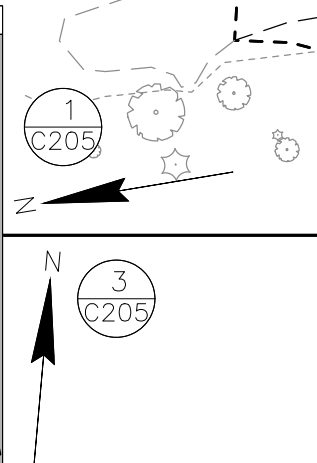
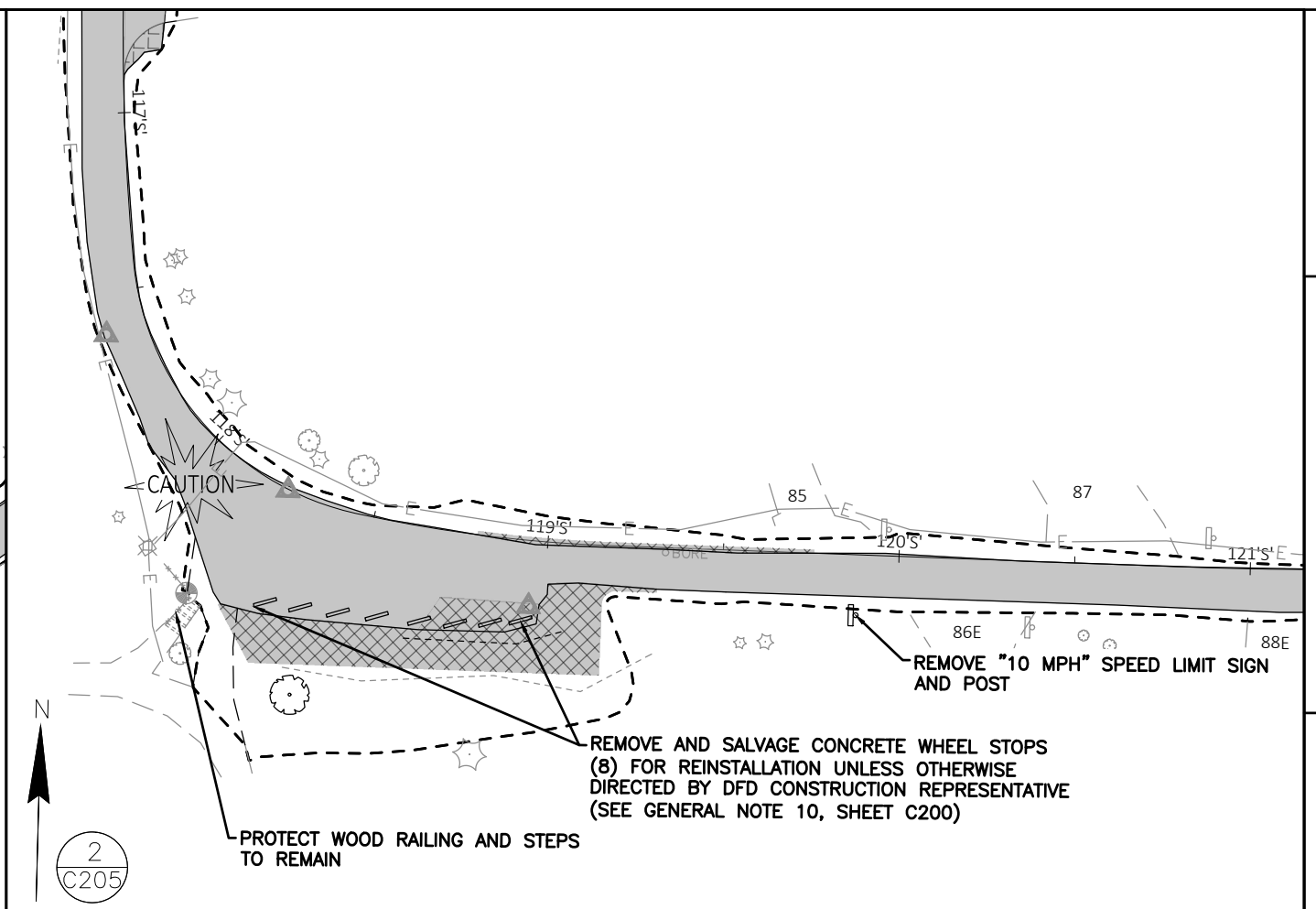












**ATTENTION**  
ALL UTILITY LOCATIONS ARE BASED UPON LOCATES AND/OR INFORMATION RECEIVED FROM OTHER SURVEYS AND VARIOUS UTILITY COMPANIES. BEFORE THE START OF ANY EXCAVATION, A COMPLETE LOCATE OF ALL UTILITIES WITHIN THE CONSTRUCTION AREA SHOULD BE COMPLETED.

CALL DIGGERS HOTLINE  
1-800-242-8511  
TOLL FREE  
MS STATUTE 182.0175(1974)  
REQUIRES MIN. 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE

PULVERIZE OR REMOVE ASPHALT. PULVERIZED ASPHALT MAY BE MOVED AND USED AS BASE MATERIAL WITHIN PROPOSED ROADWAY OR OTHERWISE MUST BE DISPOSED OF OFF-SITE

EXCAVATION FOR VALLEY GUTTER  
FULL DEPTH CONSTRUCTION

## LEGEND

- 
- 
 PULVERIZING ASPHALT PAVEMENT  
 (APPROX. AREA = 207500 SF)
- 
 REMOVING CONCRETE AND BASE  
 (APPROX. AREA = 2000 SF)
- 
 REMOVING ASPHALTIC SURFACE  
 (APPROX. AREA = 1000 SF)
- 
 REMOVING OR PULVERIZING ASPHALT  
 (APPROX. AREA = 4000 SF)
- 
 \*EXCAVATION FOR ASPHALT ROADWAY  
 FULL DEPTH CONSTRUCTION
- 
 \*COMMON EXCAVATION
- 
 SAWING ASPHALT  
 (SAWING CONCRETE WHERE NOTED)
- 
 REMOVING TREE, DISPOSING OFFSITE  
 CONSTRUCTION LIMITS
- \*SALVAGE TOPSOIL WHERE PRESENT

PULVERIZE OR REMOVE ASPHALT. PULVERIZED ASPHALT MAY BE MOVED AND USED AS BASE MATERIAL WITHIN PROPOSED ROADWAY OR OTHERWISE MUST BE DISPOSED OF OFF-SITE

REMOVE "YIELD" SIGN  
AND POST

REMOVE "ONE WAY" SIGN  
AND POST

**Kapur**

4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.673.4400  
KAPURINC.COM  
PROJECT NUMBER: 23

State of Wisconsin  
Department of Administration  
Division of Facilities Development



E10320 FERN DELL RD  
BARABOO, WI 53913

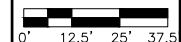
MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
SITE DEMOLITION PLAN

Revisions:

[illegible]

Graphic  
Scale

DFD  
Number

24E7Z

Set  
Type

BD

Date Issued

11/12/2025

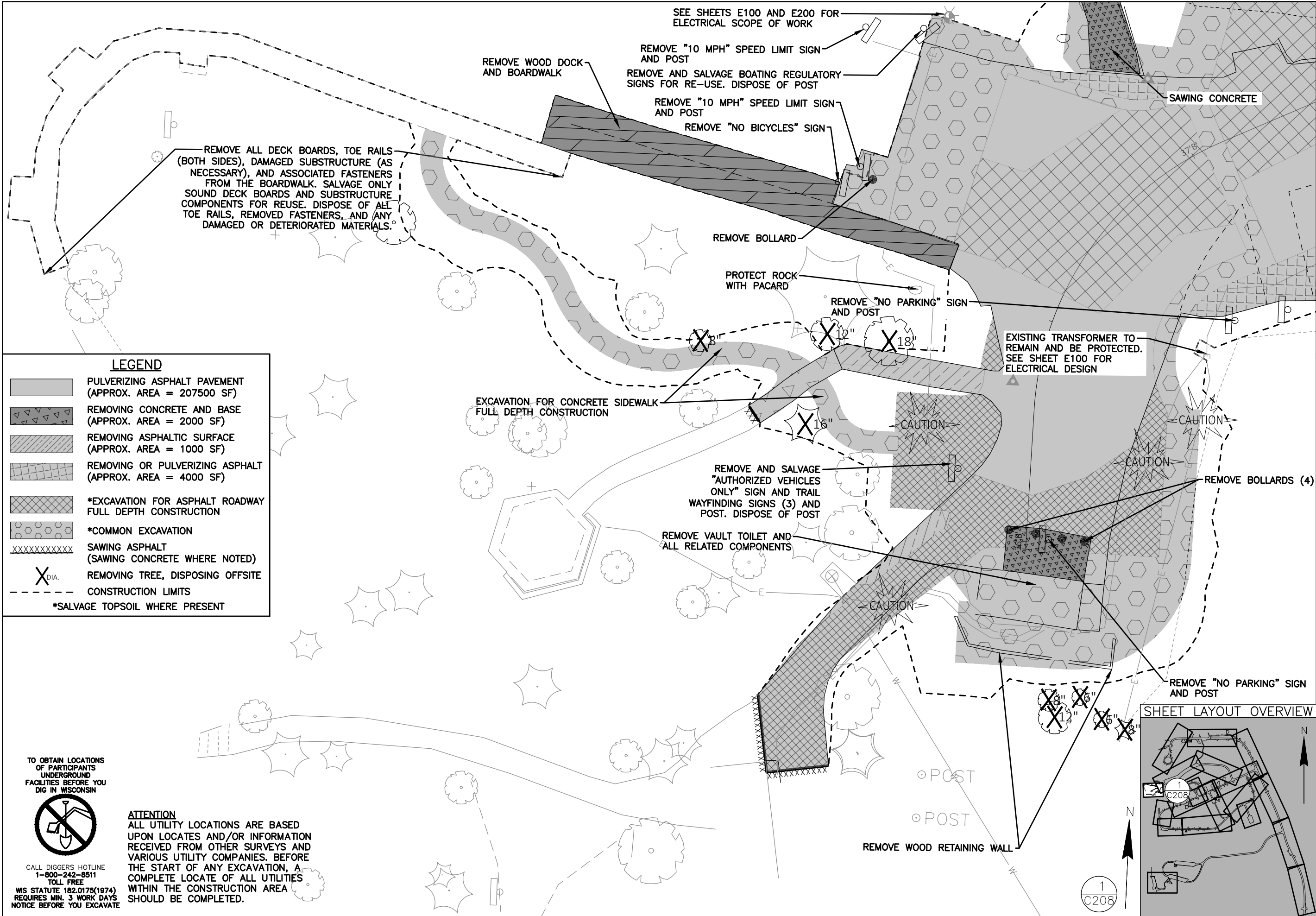
Sheet  
Number

C205









**LEGEND**

- PULVERIZING ASPHALT PAVEMENT (APPROX. AREA = 207500 SF)
- REMOVING CONCRETE AND BASE (APPROX. AREA = 2000 SF)
- REMOVING ASPHALTIC SURFACE (APPROX. AREA = 1000 SF)
- REMOVING OR PULVERIZING ASPHALT (APPROX. AREA = 4000 SF)
- \*EXCAVATION FOR ASPHALT ROADWAY FULL DEPTH CONSTRUCTION
- \*COMMON EXCAVATION
- SAWING ASPHALT (SAWING CONCRETE WHERE NOTED)
- REMOVING TREE, DISPOSING OFFSITE
- CONSTRUCTION LIMITS
- \*SALVAGE TOPSOIL WHERE PRESENT

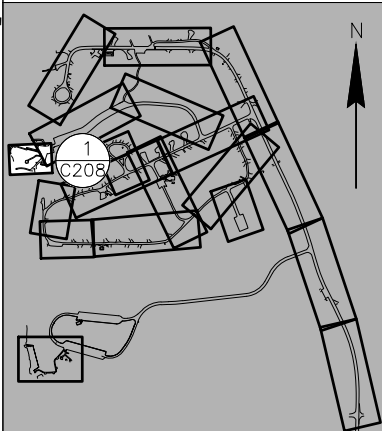
TO OBTAIN LOCATIONS OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN



CALL DIGGERS HOTLINE  
1-800-242-8511  
TOLL FREE  
WIS STATUTE 182.0175(1974)  
REQUIRES MIN. 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE

**ATTENTION**  
ALL UTILITY LOCATIONS ARE BASED UPON LOCATES AND/OR INFORMATION RECEIVED FROM OTHER SURVEYS AND VARIOUS UTILITY COMPANIES. BEFORE THE START OF ANY EXCAVATION, A COMPLETE LOCATE OF ALL UTILITIES WITHIN THE CONSTRUCTION AREA SHOULD BE COMPLETED.

**SHEET LAYOUT OVERVIEW**



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development

**MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN**

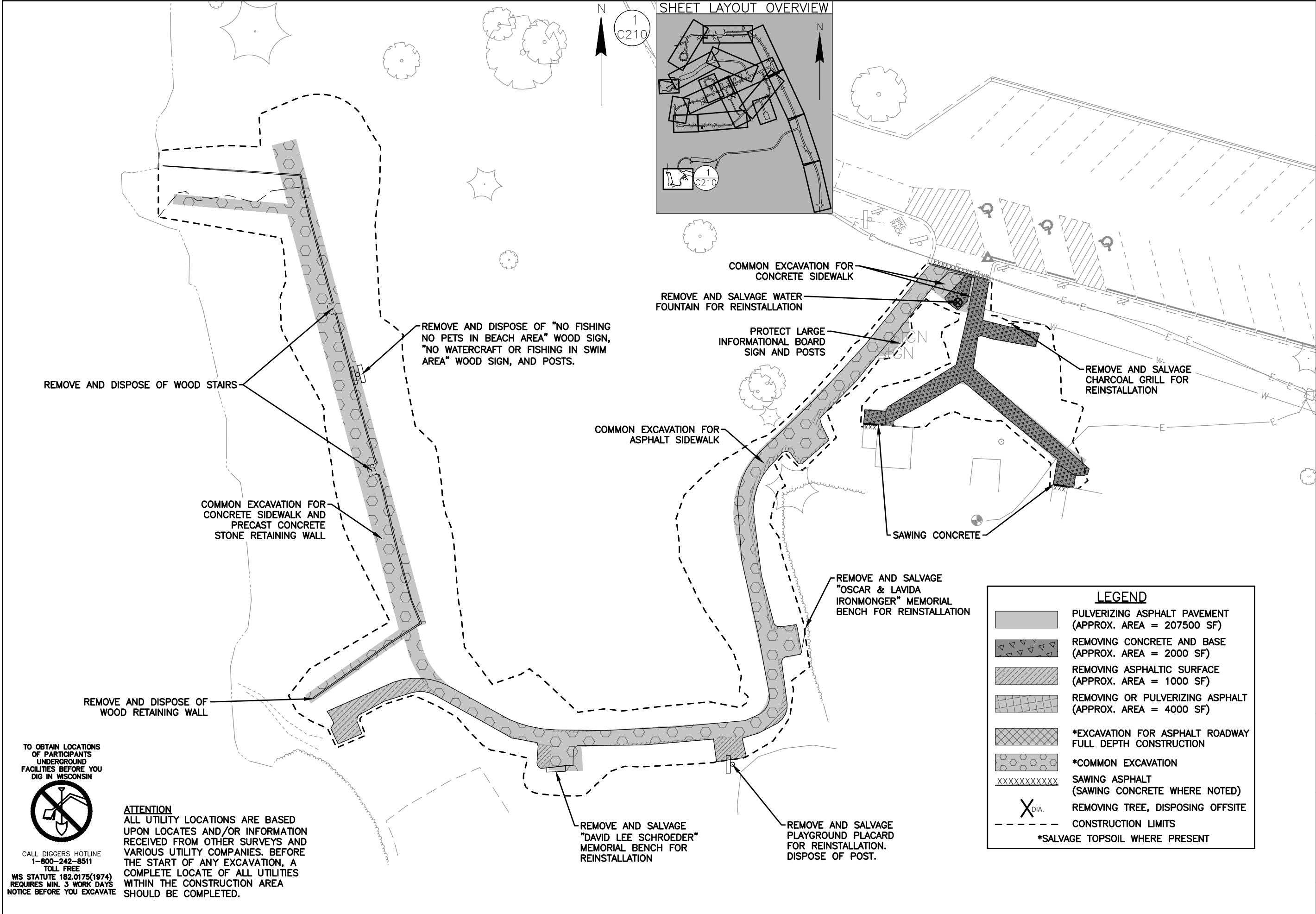
Sheet Title:  
SITE DEMOLITION PLAN

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

|               |             |
|---------------|-------------|
| Graphic Scale |             |
| DFD Number    | 24E7Z       |
| Set Type      | BD          |
| Date Issued   | 11/12/2025  |
| Sheet Number  | <b>C208</b> |





TO OBTAIN LOCATIONS  
OF PARTICIPANTS  
UNDERGROUND  
FACILITIES BEFORE YOU  
DIG IN WISCONSIN



CALL DIGGERS' HOTLINE  
1-800-242-8511  
TOLL FREE  
WIS STATUTE 182.0175(1974)  
REQUIRES MIN. 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE

**ATTENTION**  
ALL UTILITY LOCATIONS ARE BASED  
UPON LOCATES AND/OR INFORMATION  
RECEIVED FROM OTHER SURVEYS AND  
VARIOUS UTILITY COMPANIES. BEFORE  
THE START OF ANY EXCAVATION, A  
COMPLETE LOCATE OF ALL UTILITIES  
WITHIN THE CONSTRUCTION AREA  
SHOULD BE COMPLETED.

**LEGEND**

- PULVERIZING ASPHALT PAVEMENT  
(APPROX. AREA = 207500 SF)
- REMOVING CONCRETE AND BASE  
(APPROX. AREA = 2000 SF)
- REMOVING ASPHALTIC SURFACE  
(APPROX. AREA = 1000 SF)
- REMOVING OR PULVERIZING ASPHALT  
(APPROX. AREA = 4000 SF)
- \*EXCAVATION FOR ASPHALT ROADWAY  
FULL DEPTH CONSTRUCTION
- \*COMMON EXCAVATION
- SAWING ASPHALT  
(SAWING CONCRETE WHERE NOTED)
- REMOVING TREE, DISPOSING OFFSITE
- CONSTRUCTION LIMITS
- \*SALVAGE TOPSOIL WHERE PRESENT

4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development

**MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN**

Sheet Title:  
SITE DEMOLITION PLAN

|               |            |              |
|---------------|------------|--------------|
| Revisions:    |            |              |
| No.           | Date:      | Description: |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
| Graphic Scale |            |              |
| DFD Number    | 24E7Z      |              |
| Set Type      | BD         |              |
| Date Issued   | 11/12/2025 |              |
| Sheet Number  | C210       |              |



## GENERAL NOTES

NOTES:

1. ALL PIPES (EXISTING AND PROPOSED) WITHIN THE PROJECT LIMITS THAT ARE TO REMAIN SHALL BE FLUSHED AND CLEARED OF ALL SEDIMENT MATERIAL PRIOR TO PROJECT SUBSTANTIAL COMPLETION.
2. SEE EXISTING SITE PLAN (C101–C110) FOR LEGEND OF EXISTING FEATURES.
3. SEE PLAN AND PROFILE (C151–C159) FOR ALIGNMENT DIAGRAM.
4. SEE SHEETS C600–C604 FOR ROADWAY TYPICAL SECTIONS.
5. CONTRACTOR EQUIPMENT AND VEHICLES MUST BE STORED WITHIN THE CONSTRUCTION LIMITS AT ALL TIMES.
6. PROTECT EXISTING SITE FEATURES UNLESS OTHERWISE SHOWN BY PLAN TO BE REMOVED OR ABANDONED.
7. WIDTHS, DIMENSIONS, AND LOCATIONS OF OBJECTS ARE APPROXIMATIONS OF EXISTING FIELD CONDITIONS BASED ON SURVEY. FIT EXISTING FIELD CONDITIONS WHERE APPLICABLE.
8. PRIOR TO THE PLACEMENT OF GEOTEXTILE FABRIC AND RIPRAP AROUND EXISTING ENDWALLS, CONTRACTOR SHALL PLACE ADDITIONAL TOPSOIL AS NECESSARY TO PROVIDE PROPER STABILIZATION OF ENDWALL AND END SECTION OF PIPE.
9. CONTRACTOR SHALL INSTALL NEW FLEXIBLE MARKER POSTS AT ALL NEW AND EXISTING CULVERT ENDS WITHIN PROJECT AREA.
10. TEST PITS OF BASE AGGREGATE ARE EXPECTED TO BE COMPLETED BY THE CONTRACTOR (PER SPECS) WHICH WILL BE VERIFIED DURING PROOF ROLLING.
11. UNLESS OTHERWISE NOTED IN THE PLAN, ALL POSTS SHALL BE 4X4 PREMIUM PRESSURE–TREATED CEDAR–TONE MATERIAL.
12. MATCH GRAVEL CAMPSITES INTO ASPHALT ROADWAYS WITH 3/4–INCH BASE AGGREGATE DENSE AND MATCH GRAVEL TRAILS INTO ASPHALT ROADWAYS WITH LIMESTONE SCREENING. FOR ALL GRAVEL CAMPSITE AND TRAIL MATCHES, THE FINISHED SURFACE MUST PROVIDE A SMOOTH, COMPACTED TRANSITION BETWEEN GRADES AT A SLOPE NOT EXCEEDING 12':1'. SEE DETAIL 2/C605 FOR MORE INFORMATION.
13. WHERE ROADWAY IS TO BE WIDENED, SPREAD PULVERIZED ASPHALT OVER THE FULL WIDTH OF THE WIDENED ROADWAY TO PROVIDE A CONSISTENT THICKNESS. PROVIDE ADDITIONAL BASE AGGREGATE AS NEEDED TO MEET SPECIFIED GRADES (SEE SHEETS C401–C410)
14. EXISTING WHEEL STOPS SHALL BE SALVAGED AND REUSED WHERE FEASIBLE OR AS DIRECTED BY THE DFD CONSTRUCTION REPRESENTATIVE OR A/E. CONTRACTOR SHALL REPLACE ANY DAMAGED OR MISSING WHEEL STOPS, INCLUDING THOSE DAMAGED DURING CONSTRUCTION. IF SALVAGED QUANTITIES ARE INSUFFICIENT, CONTRACTOR SHALL FURNISH AND INSTALL NEW WHEEL STOPS AT NO ADDITIONAL COST TO MEET THE QUANTITIES AND LOCATIONS SHOWN IN THE PLANS.



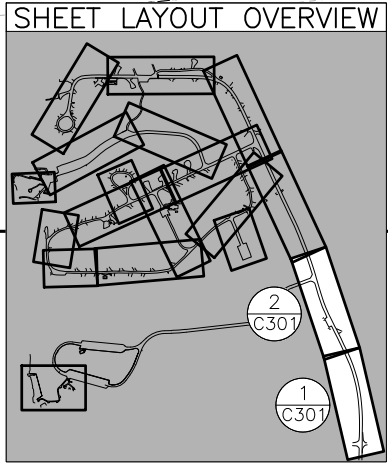
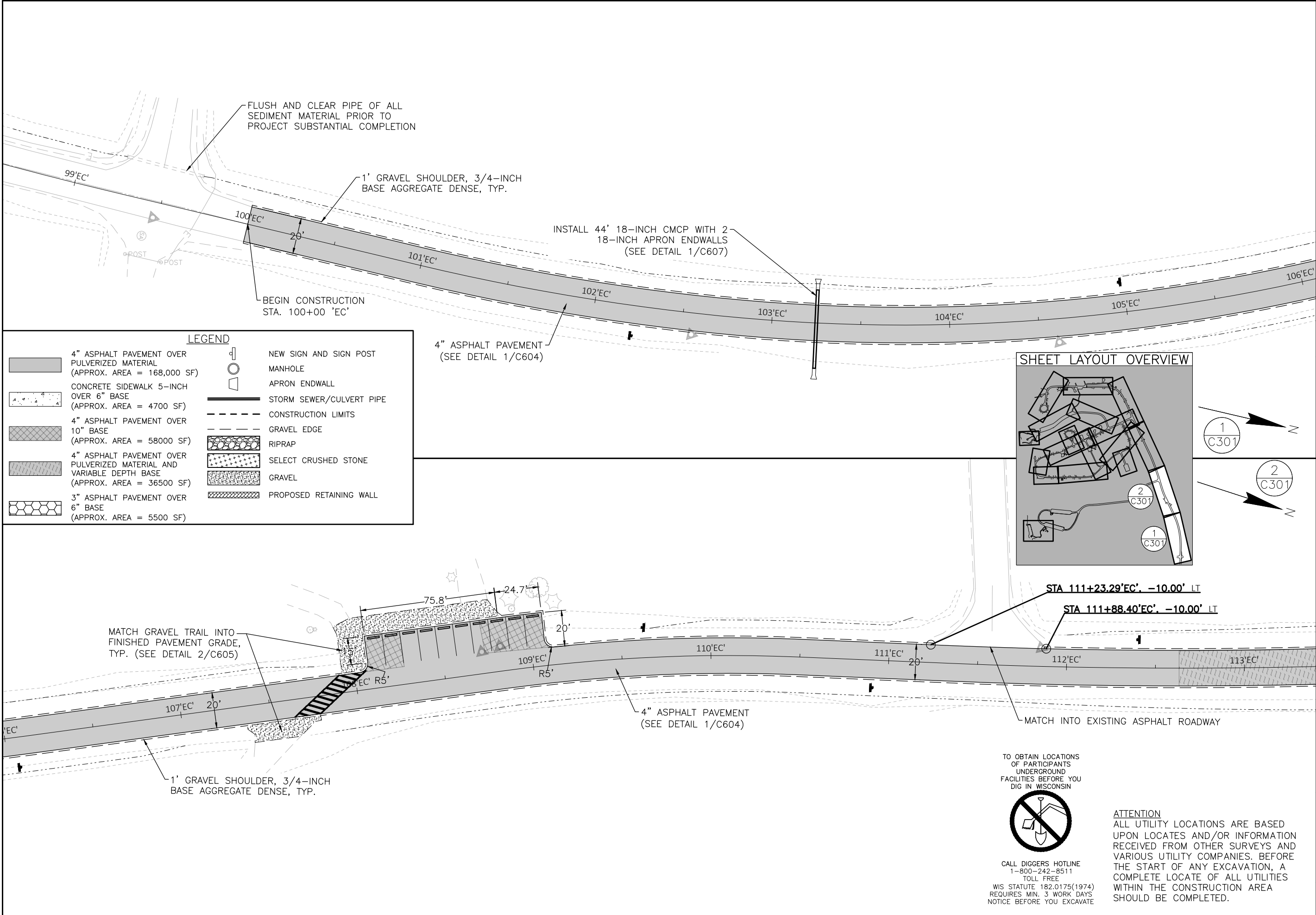
State of Wisconsin  
Department of Administration  
Division of Facilities Development

E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
SITE LAYOUT PLAN - GENERAL NOTES

| Revisions:    |                                                                                              |              |
|---------------|----------------------------------------------------------------------------------------------|--------------|
| No.           | Date:                                                                                        | Description: |
|               |                                                                                              |              |
|               |                                                                                              |              |
|               |                                                                                              |              |
|               |                                                                                              |              |
|               |                                                                                              |              |
|               |                                                                                              |              |
|               |                                                                                              |              |
| Graphic Scale | <br>NTS |              |
| DFD Number    | 24E7Z                                                                                        |              |
| Set Type      | BD                                                                                           |              |
| Date Issued   | 11/12/2025                                                                                   |              |
| Sheet Number  | C300                                                                                         |              |



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development

E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
SITE LAYOUT PLAN

| Revisions: |       |              |
|------------|-------|--------------|
| No.        | Date: | Description: |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |

Graphic Scale

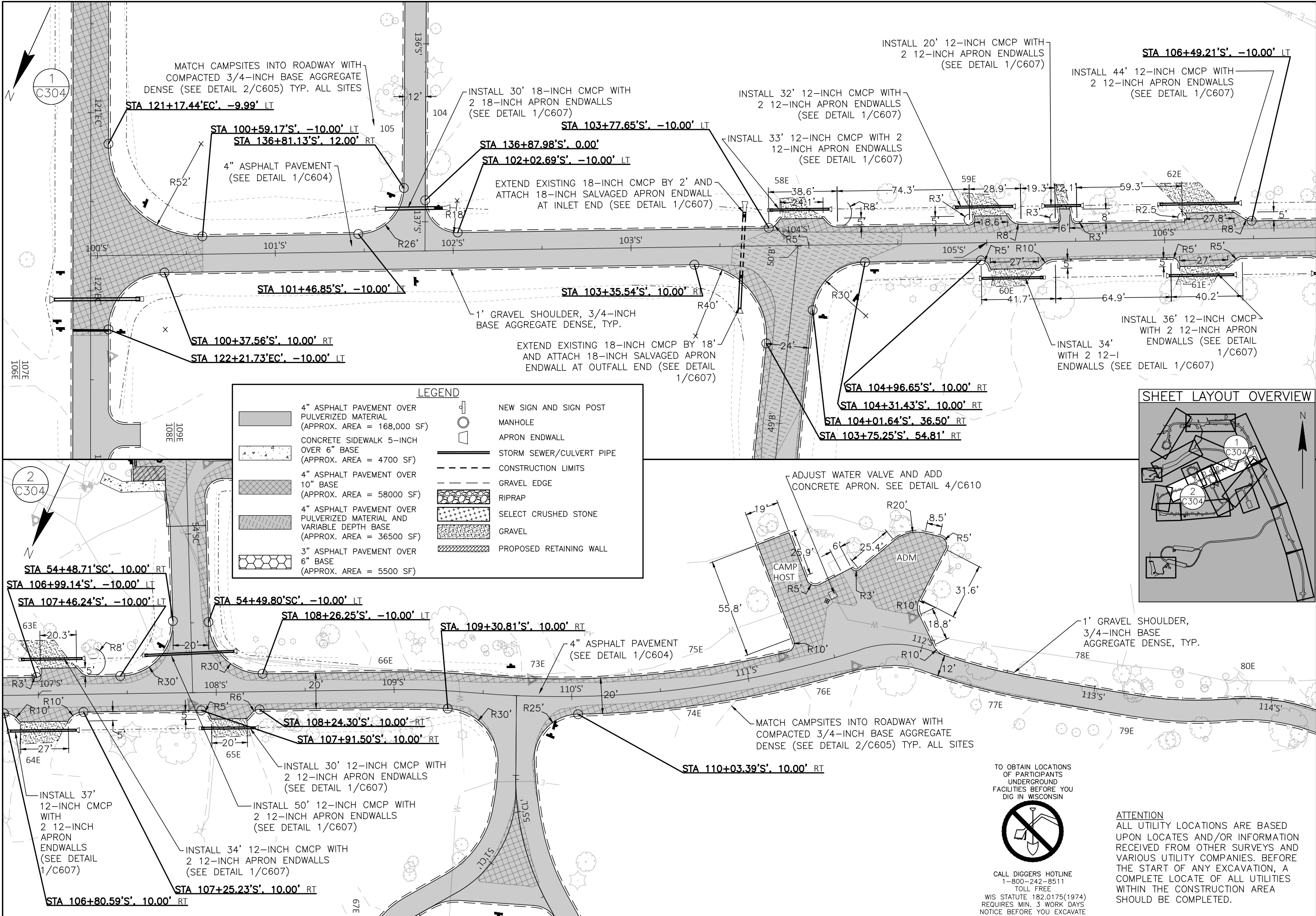
0' 12.5' 25' 37.5'

|              |            |
|--------------|------------|
| DFD Number   | 24E7Z      |
| Set Type     | BD         |
| Date Issued  | 11/12/2025 |
| Sheet Number | C301       |



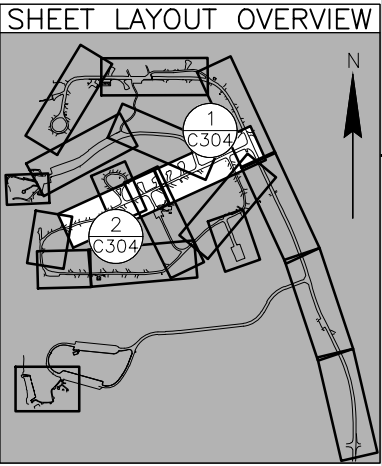






**LEGEND**

|  |                                                                                                |  |                          |
|--|------------------------------------------------------------------------------------------------|--|--------------------------|
|  | 4" ASPHALT PAVEMENT OVER PULVERIZED MATERIAL (APPROX. AREA = 168,000 SF)                       |  | NEW SIGN AND SIGN POST   |
|  | CONCRETE SIDEWALK 5-INCH OVER 6" BASE (APPROX. AREA = 4700 SF)                                 |  | MANHOLE                  |
|  | 4" ASPHALT PAVEMENT OVER 10" BASE (APPROX. AREA = 58000 SF)                                    |  | APRON ENDWALL            |
|  | 4" ASPHALT PAVEMENT OVER PULVERIZED MATERIAL AND VARIABLE DEPTH BASE (APPROX. AREA = 36500 SF) |  | STORM SEWER/CULVERT PIPE |
|  | 3" ASPHALT PAVEMENT OVER 6" BASE (APPROX. AREA = 5500 SF)                                      |  | CONSTRUCTION LIMITS      |
|  | GRAVEL EDGE                                                                                    |  | RIPRAP                   |
|  | SELECT CRUSHED STONE                                                                           |  | GRAVEL                   |
|  | PROPOSED RETAINING WALL                                                                        |  |                          |



TO OBTAIN LOCATIONS OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE  
1-800-242-8511  
TOLL FREE  
WIS STATUTE 182.0175(1974)  
REQUIRES MIN. 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE

**ATTENTION**  
ALL UTILITY LOCATIONS ARE BASED UPON LOCATES AND/OR INFORMATION RECEIVED FROM OTHER SURVEYS AND VARIOUS UTILITY COMPANIES. BEFORE THE START OF ANY EXCAVATION, A COMPLETE LOCATE OF ALL UTILITIES WITHIN THE CONSTRUCTION AREA SHOULD BE COMPLETED.

4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

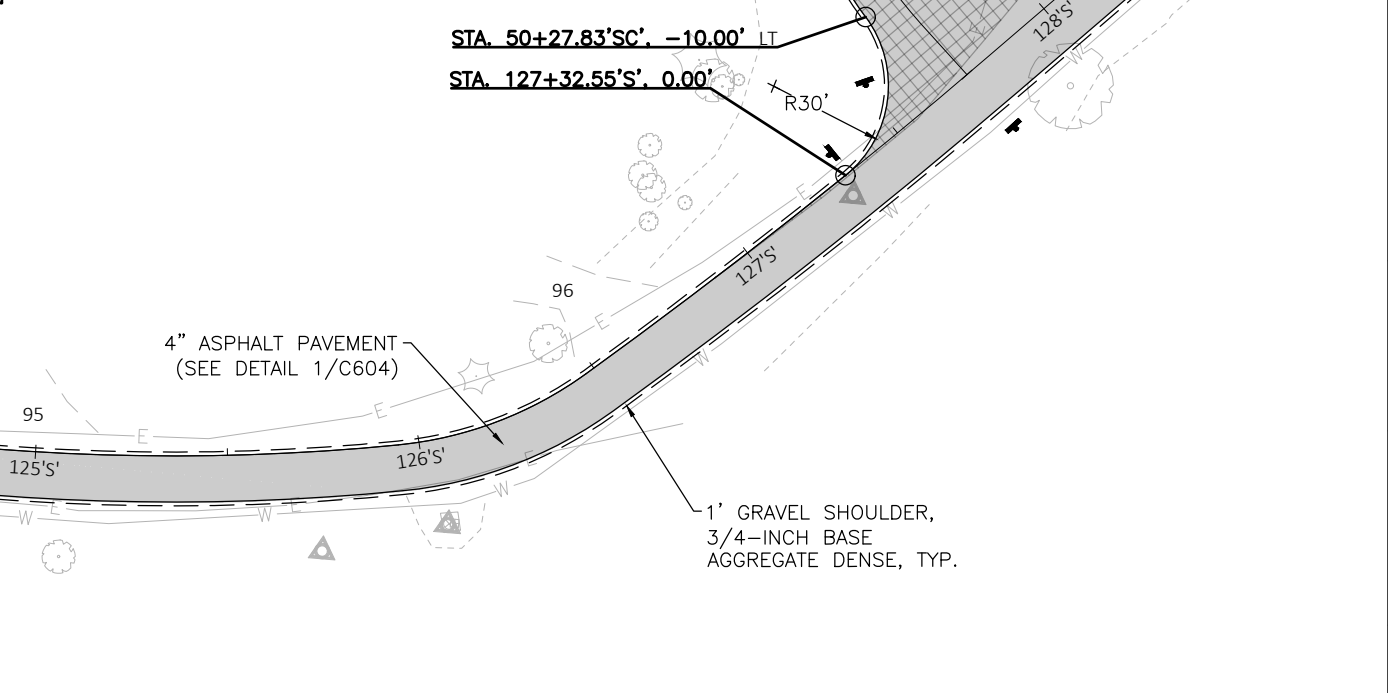
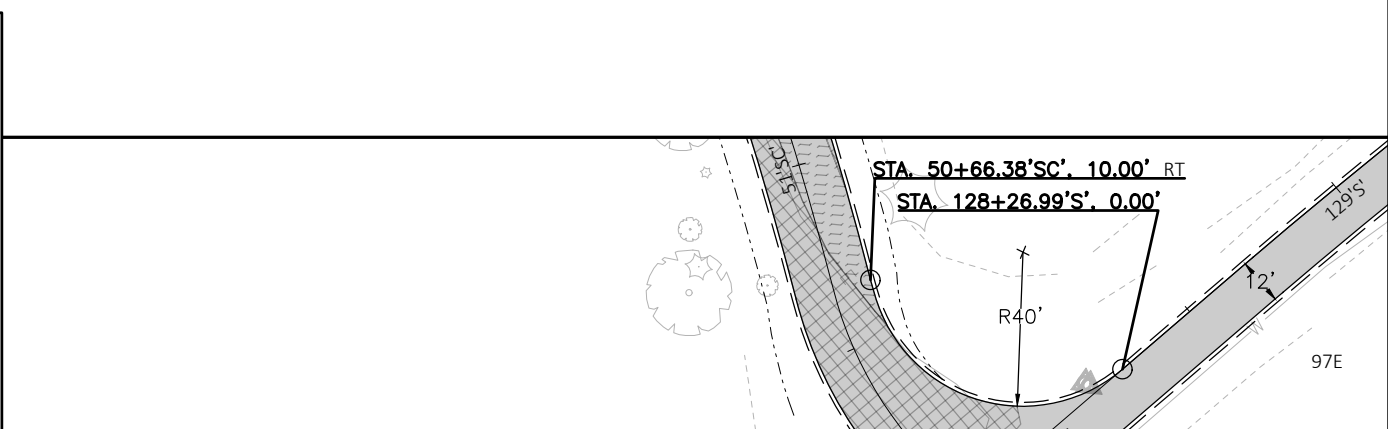
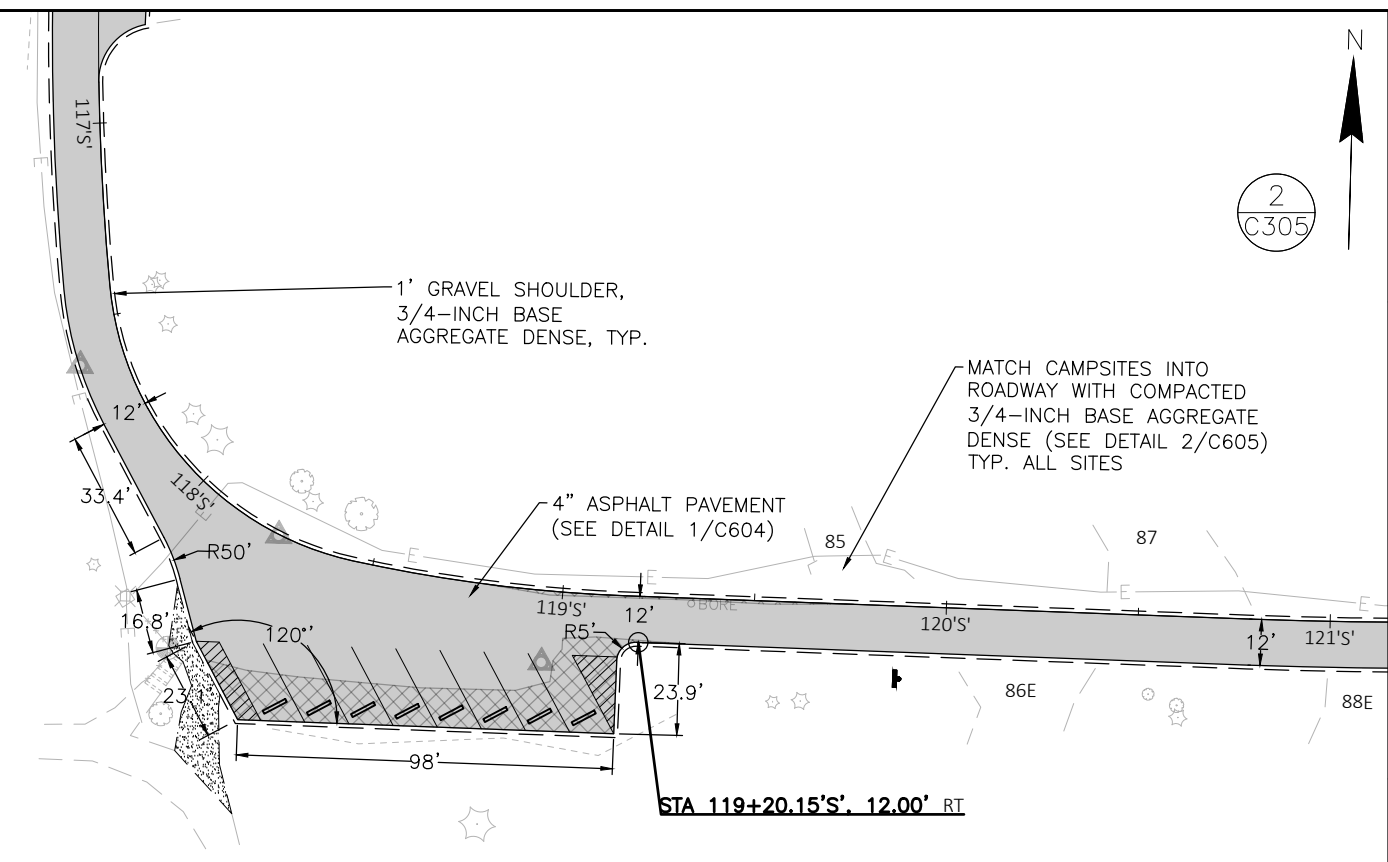
State of Wisconsin  
Department of Administration  
Division of Facilities Development

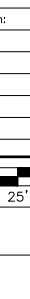
MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

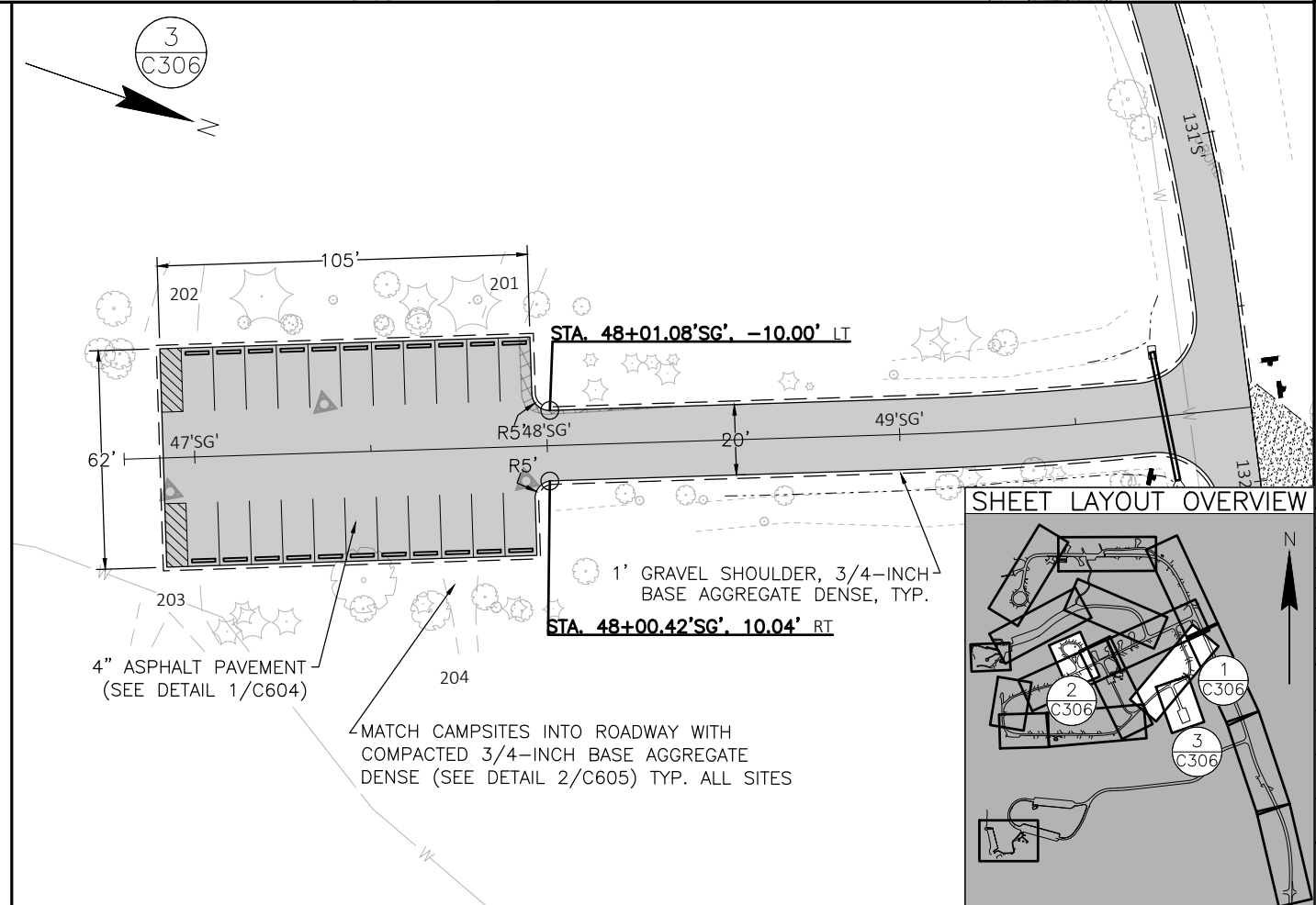
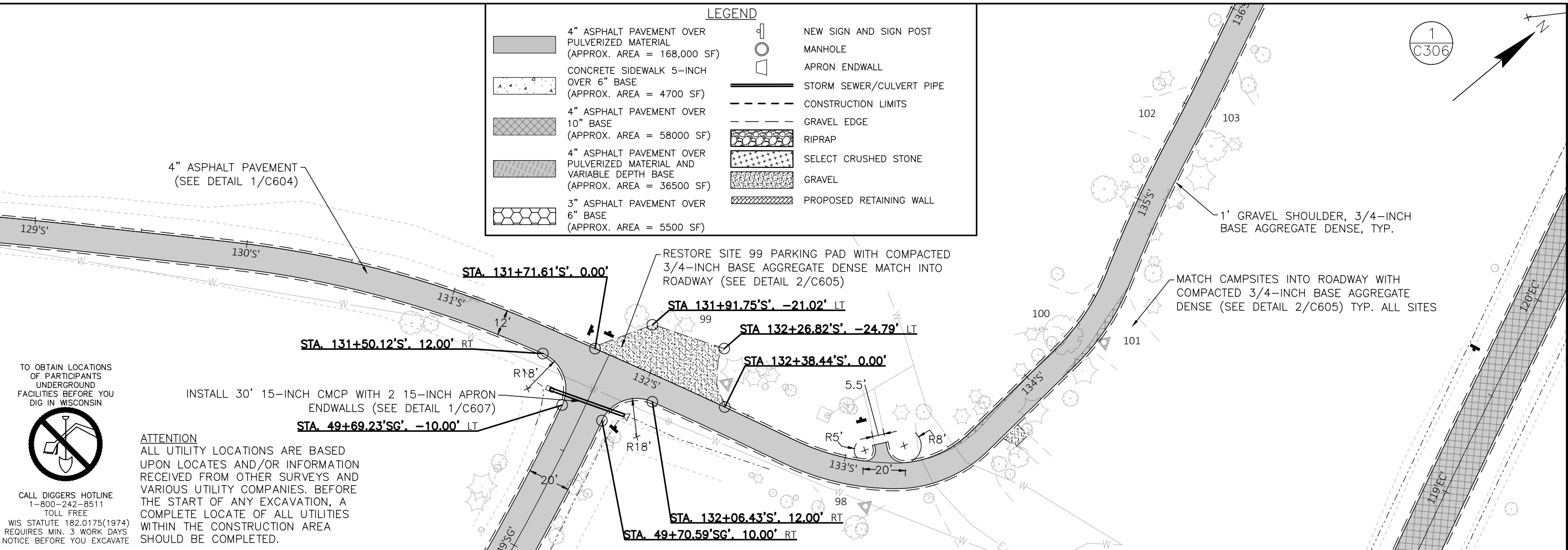
Sheet Title:  
SITE LAYOUT PLAN

| Revisions: |       |              |
|------------|-------|--------------|
| No.        | Date: | Description: |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |

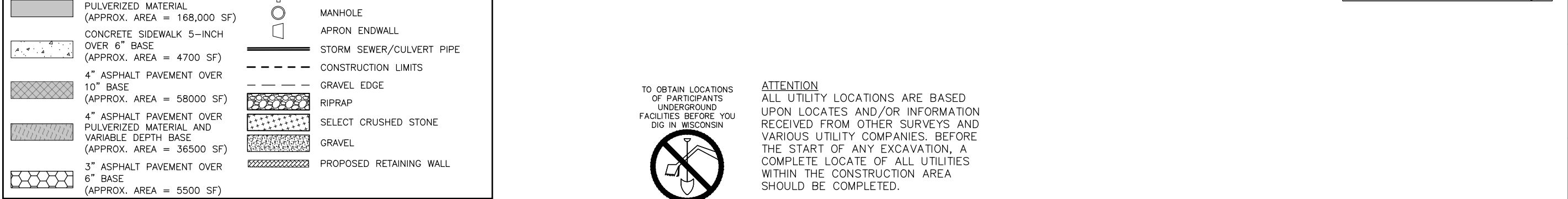
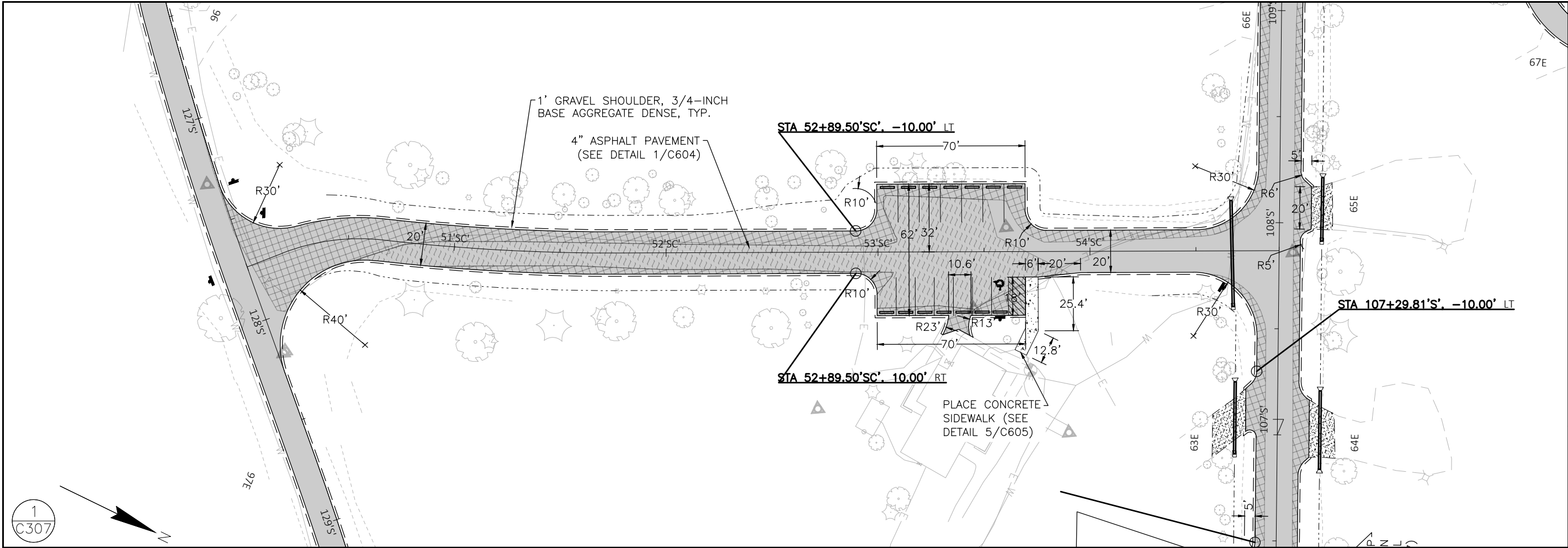
|               |            |
|---------------|------------|
| Graphic Scale |            |
| DFD Number    | 24E7Z      |
| Set Type      | BD         |
| Date Issued   | 11/12/2025 |
| Sheet Number  | C304       |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          | 4654 S. BILTMORE LN.<br>MADISON, WI 53718<br>PHONE: 608.673.4400<br>KAPURINC.COM<br>PROJECT NUMBER: 23.0091                                       |              |             |              |              |    |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|--------------|--------------|----|------------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|  <p style="text-align: center;"> <b>State of Wisconsin</b><br/> <b>Department of Administration</b><br/> <b>Division of Facilities Development</b> </p>                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                   |              |             |              |              |    |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <div style="writing-mode: vertical-rl; transform: rotate(180deg);">           MIRROR LAKE PAVING<br/>           MIRROR LAKE STATE PARK<br/>           DEPARTMENT OF NATURAL RESOURCES<br/>           BARABOO, WISCONSIN         </div>                                                                                                                                                                                                                                                                                                                                                                                                                            |          | <div style="writing-mode: vertical-rl; transform: rotate(180deg);">           E10320 FERN DELL RD<br/>           BARABOO, WI 53913         </div> |              |             |              |              |    |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <div style="display: flex; justify-content: space-between;"> <div>             Revisions:<br/> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Date:</th> <th>Description:</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> </div> <div>             Sheet Title:<br/>             SITE LAYOUT PLAN           </div> </div> |          |                                                                                                                                                   |              | No.         | Date:        | Description: |    |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Date:    | Description:                                                                                                                                      |              |             |              |              |    |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |                                                                                                                                                   |              |             |              |              |    |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |                                                                                                                                                   |              |             |              |              |    |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |                                                                                                                                                   |              |             |              |              |    |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |                                                                                                                                                   |              |             |              |              |    |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |                                                                                                                                                   |              |             |              |              |    |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |                                                                                                                                                   |              |             |              |              |    |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |                                                                                                                                                   |              |             |              |              |    |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <div style="display: flex; align-items: center;"> <div style="flex: 1;">             Graphic Scale<br/> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>DFD Number</th> <th>Set Type</th> <th>Date Issued</th> <th>Sheet Number</th> </tr> </thead> <tbody> <tr> <td>24E7Z</td> <td>BD</td> <td>11/12/2025</td> <td>C305</td> </tr> </tbody> </table> </div> <div style="flex: 1; text-align: right;"> <br/>             0'    12.5'    25'    37.5'           </div> </div>                                                             |          | DFD Number                                                                                                                                        | Set Type     | Date Issued | Sheet Number | 24E7Z        | BD | 11/12/2025 | C305 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DFD Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Set Type | Date Issued                                                                                                                                       | Sheet Number |             |              |              |    |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24E7Z                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BD       | 11/12/2025                                                                                                                                        | C305         |             |              |              |    |            |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



|                                                                                                                                                                              |                                                                                                        |                                                                                                             |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--|
|                                                                                            |                                                                                                        | 4654 S. BILTMORE LN.<br>MADISON, WI 53718<br>PHONE: 608.673.4400<br>KAPURINC.COM<br>PROJECT NUMBER: 23.0091 |  |
|  State of Wisconsin<br>Department of Administration<br>Division of Facilities Development |                                                                                                        | E10320 FERN DELL RD<br>BARABOO, WI 53913                                                                    |  |
| MIRROR LAKE PAVING<br>MIRROR LAKE STATE PARK<br>DEPARTMENT OF NATURAL RESOURCES<br>BARABOO, WISCONSIN                                                                        |                                                                                                        | Sheet Title:<br>SITE LAYOUT PLAN                                                                            |  |
| Revisions:                                                                                                                                                                   |                                                                                                        |                                                                                                             |  |
| No.                                                                                                                                                                          | Date:                                                                                                  | Description:                                                                                                |  |
|                                                                                                                                                                              |                                                                                                        |                                                                                                             |  |
|                                                                                                                                                                              |                                                                                                        |                                                                                                             |  |
|                                                                                                                                                                              |                                                                                                        |                                                                                                             |  |
|                                                                                                                                                                              |                                                                                                        |                                                                                                             |  |
|                                                                                                                                                                              |                                                                                                        |                                                                                                             |  |
|                                                                                                                                                                              |                                                                                                        |                                                                                                             |  |
| Graphic Scale                                                                                                                                                                |  0' 12.5' 25' 37.5' |                                                                                                             |  |
| DFD Number                                                                                                                                                                   | 24E7Z                                                                                                  |                                                                                                             |  |
| Set Type                                                                                                                                                                     | BD                                                                                                     |                                                                                                             |  |
| Date Issued                                                                                                                                                                  | 11/12/2025                                                                                             |                                                                                                             |  |
| Sheet Number                                                                                                                                                                 | C306                                                                                                   |                                                                                                             |  |



TO OBTAIN LOCATIONS OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN



CALL DIGGERS HOTLINE  
1-800-242-8511  
TOLL FREE  
WIS STATUTE 182.0175(1974)  
REQUIRES MIN. 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE

**ATTENTION**  
ALL UTILITY LOCATIONS ARE BASED UPON LOCATES AND/OR INFORMATION RECEIVED FROM OTHER SURVEYS AND VARIOUS UTILITY COMPANIES. BEFORE THE START OF ANY EXCAVATION, A COMPLETE LOCATE OF ALL UTILITIES WITHIN THE CONSTRUCTION AREA SHOULD BE COMPLETED.

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

Graphic Scale: 0' 12.5' 25' 37.5'

DFD Number: 24E7Z

Set Type: BD

Date Issued: 11/12/2025

Sheet Number: C307



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
SITE LAYOUT PLAN

|               |                    |
|---------------|--------------------|
| Graphic Scale | 0' 12.5' 25' 37.5' |
| DFD Number    | 24E7Z              |
| Set Type      | BD                 |
| Date Issued   | 11/12/2025         |
| Sheet Number  | C307               |









| WAYFINDING GROUP | SIGNS              |
|------------------|--------------------|
| WAYFINDING A     | ← PICNIC AREA      |
|                  | ← BEACH            |
|                  | ↑ OTHER CAMP AREAS |
|                  | ↑ BOAT/RENTAL ↑    |
| WAYFINDING B     | → BEACH            |
|                  | → PICNIC AREA      |
|                  | ↑ PARK EXIT        |
| WAYFINDING C     | SANDSTONE RIDGE    |
|                  | ← SITES 58-105     |
|                  | WALK-IN SITES      |
|                  | ← SITES 201-204    |
|                  | ← BOAT LAUNCH      |
| WAYFINDING D     | ← CAMPHOST/INFO    |
|                  | BEACH AREA ↑       |
|                  | EXIT ↑             |
|                  | OFFICE ↑           |
|                  | ↑ PICNIC AREA      |
| WAYFINDING E     | ↑ CLIFFWOOD        |
|                  | SITES 106-140      |
|                  | ← BOAT LAUNCH      |
| WAYFINDING F     | ↑ ADA CABIN        |
|                  | ↑ SANDSTONE        |
|                  | CAMP HOST/INFO     |
|                  | BOAT LAUNCH →      |
|                  | ADA FISHING PIER   |
|                  | BOAT RENTAL →      |

GENERAL NOTES

- NOTES:
- ALL SIGNS SHOWN FOR INSTALLATION IN THE PLANS SHALL BE NEW UNLESS NOTED AS SALVAGED.
  - ALL SIGN POSTS AND MOUNTING HARDWARE SHALL BE NEW UNLESS OTHERWISE NOTED.
  - ALL SIGN POSTS SHALL BE DIRECT-BURY AS SHOWN IN THE CIVIL DETAILS UNLESS OTHERWISE NOTED.
  - OWNER-FURNISHED, CONTRACTOR-INSTALLED (OFCI) SIGNS: THE OWNER WILL FURNISH ALL CUSTOM, NON-STANDARD SIGN PANELS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL POSTS AND REQUIRED MOUNTING HARDWARE. THE CONTRACTOR SHALL INSTALL OWNER-FURNISHED SIGN PANELS ON CONTRACTOR-FURNISHED POSTS AT THE LOCATIONS SHOWN IN THE PLANS.
  - SALVAGED SIGNS: SIGNS NOTED AS SALVAGED SHALL BE CAREFULLY REMOVED, STORED, AND REINSTALLED BY THE CONTRACTOR ON NEW POSTS AT THE LOCATIONS INDICATED IN THE PLANS.
  - UNLESS NOTED AS OFCI OR SALVAGED, ALL SIGNS SHALL BE CONTRACTOR-FURNISHED AND CONTRACTOR-INSTALLED.

Kapur

4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.673.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
SIGN LAYOUT PLAN – GENERAL NOTES

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

Graphic Scale



NTS

DFD Number

24E7Z

Set Type

BD

Date Issued

11/12/2025

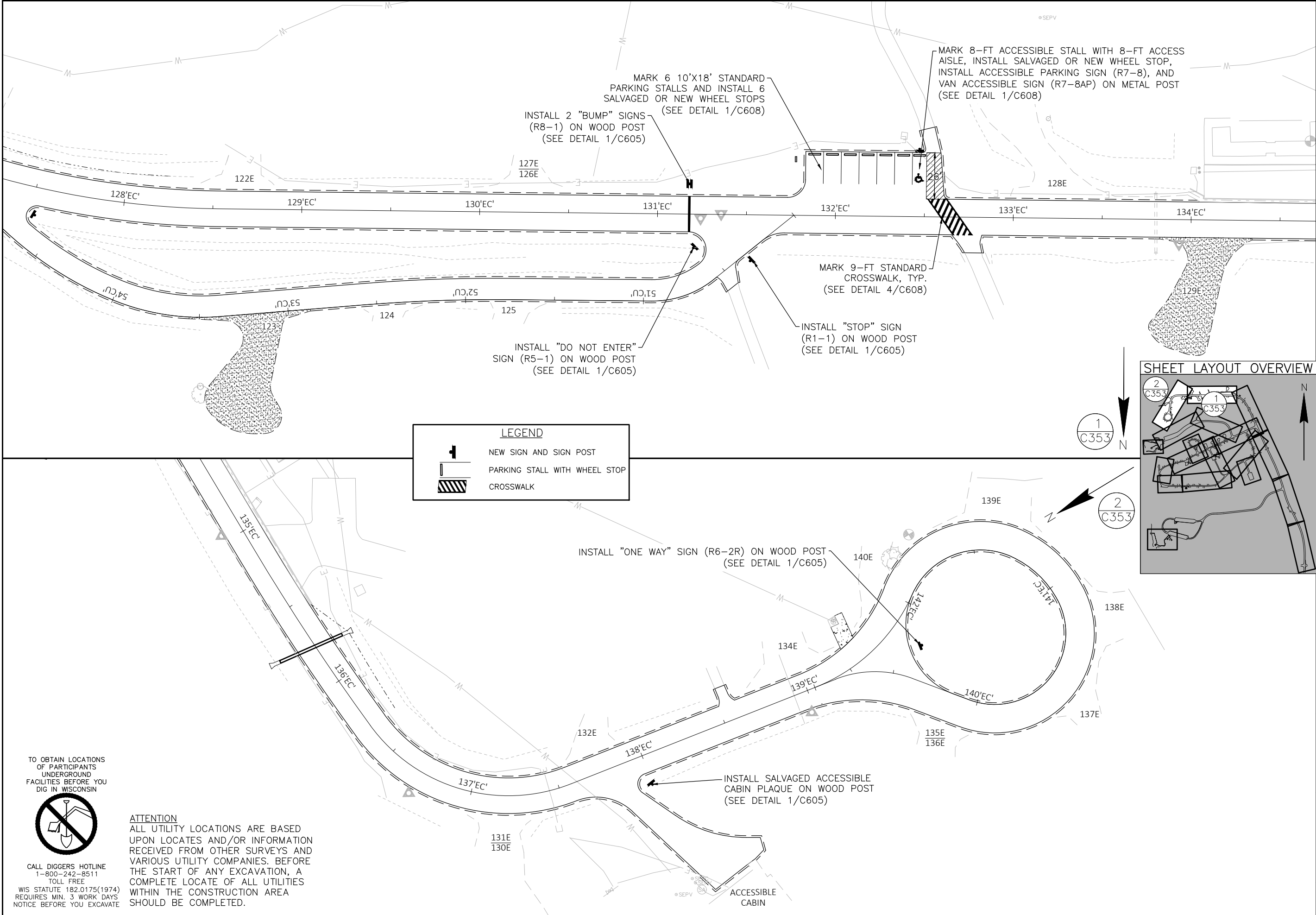
Sheet Number

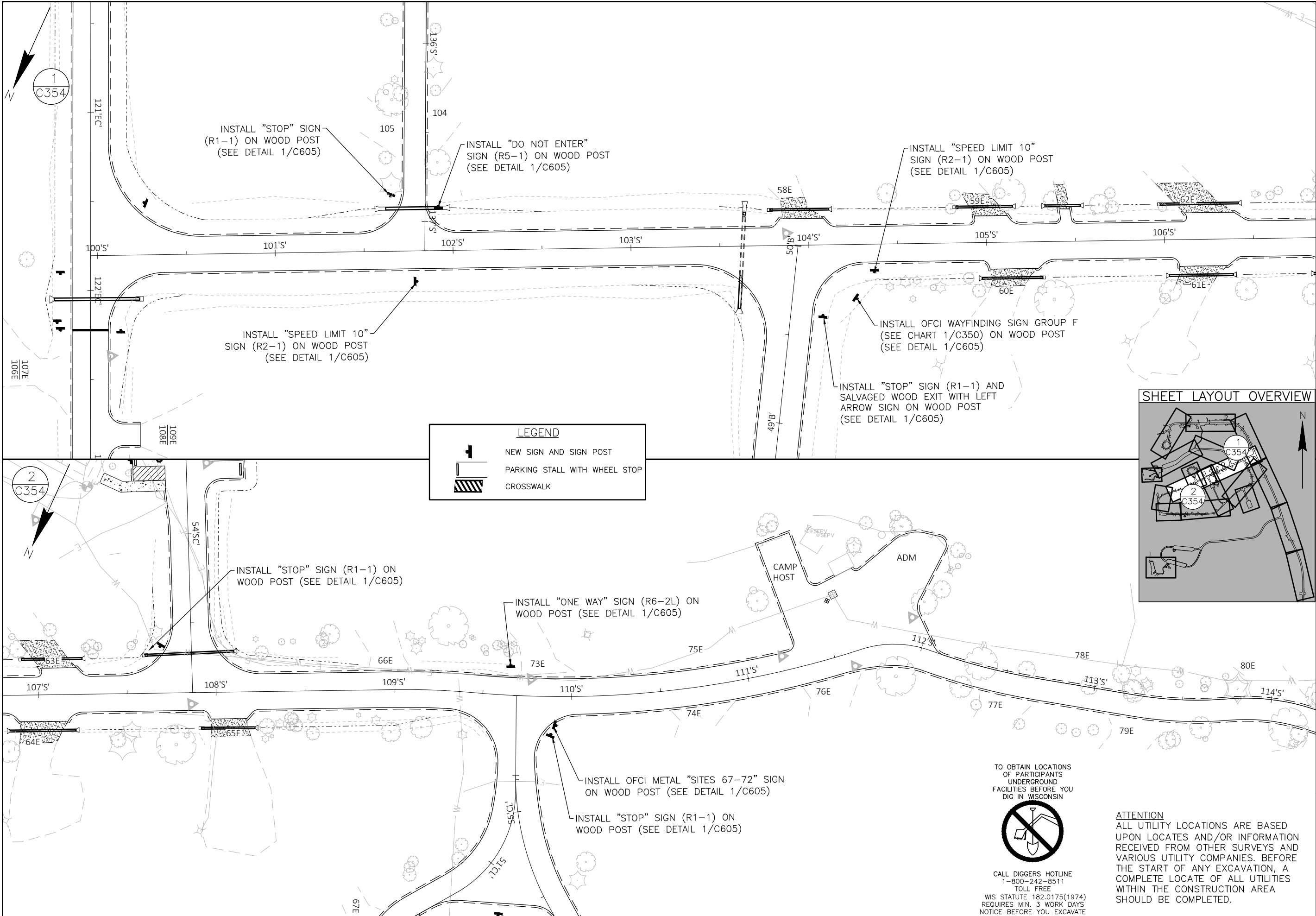
C350













4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

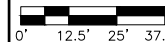
State of Wisconsin  
Department of Administration  
Division of Facilities Development



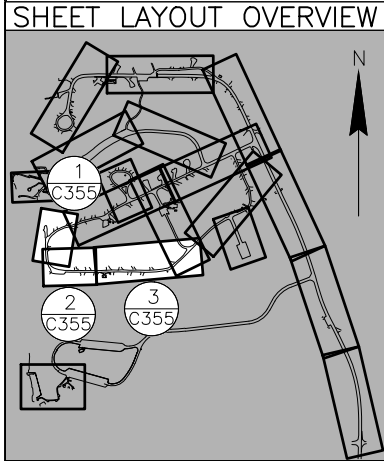
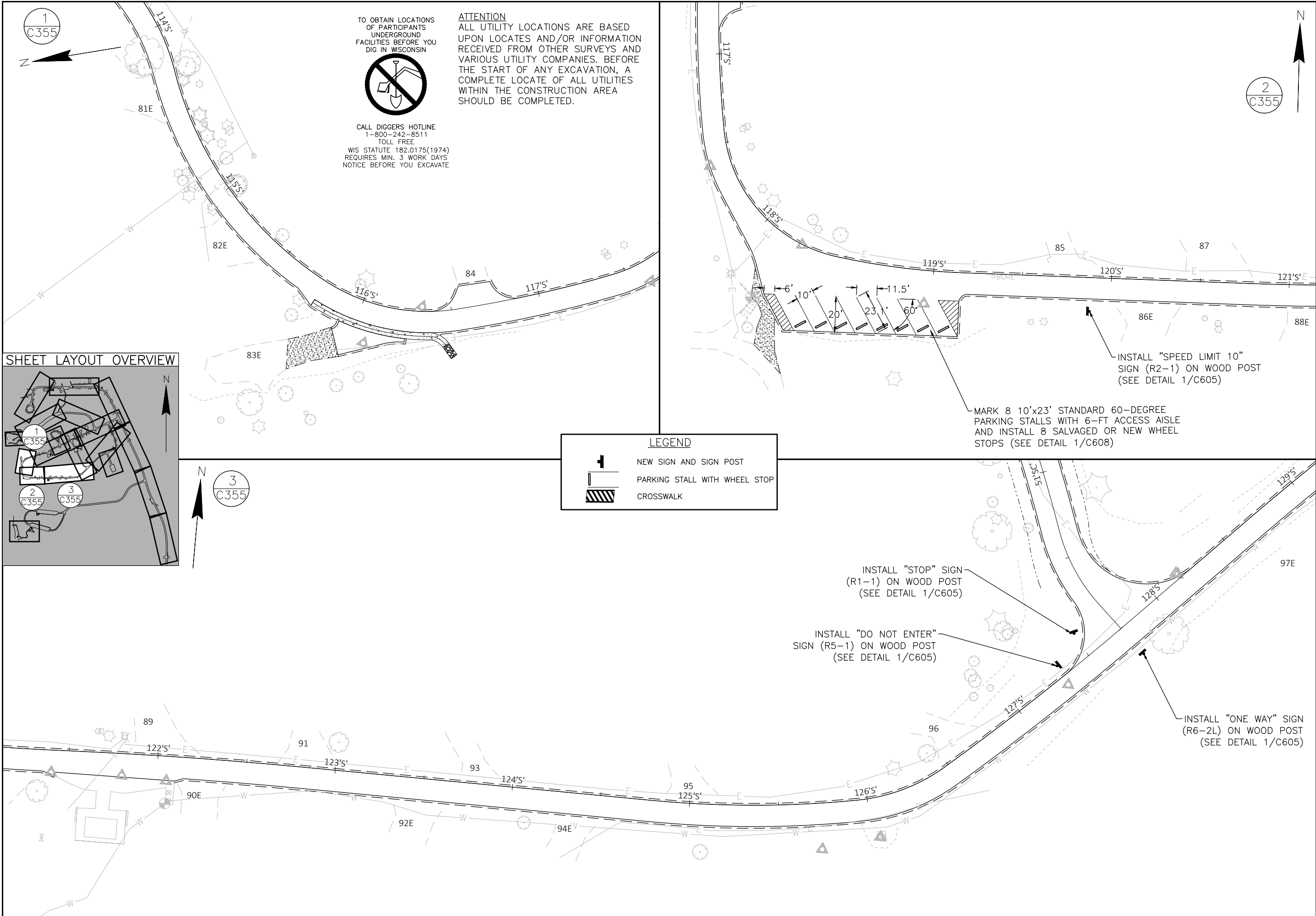
MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
SIGN LAYOUT PLAN

| Revisions: |       |              |
|------------|-------|--------------|
| No.        | Date: | Description: |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |

|               |                                                                                       |
|---------------|---------------------------------------------------------------------------------------|
| Graphic Scale |  |
| DFD Number    | 24E7Z                                                                                 |
| Set Type      | BD                                                                                    |
| Date Issued   | 11/12/2025                                                                            |
| Sheet Number  | C354                                                                                  |

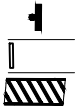




CALL DIGGERS HOTLINE  
1-800-242-8511  
TOLL FREE  
WIS STATUTE 182.0175(1974)  
REQUIRES MIN. 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE

**ATTENTION**  
ALL UTILITY LOCATIONS ARE BASED  
UPON LOCATES AND/OR INFORMATION  
RECEIVED FROM OTHER SURVEYS AND  
VARIOUS UTILITY COMPANIES. BEFORE  
THE START OF ANY EXCAVATION, A  
COMPLETE LOCATE OF ALL UTILITIES  
WITHIN THE CONSTRUCTION AREA  
SHOULD BE COMPLETED.

**LEGEND**



NEW SIGN AND SIGN POST  
PARKING STALL WITH WHEEL STOP  
CROSSWALK

2  
C355



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



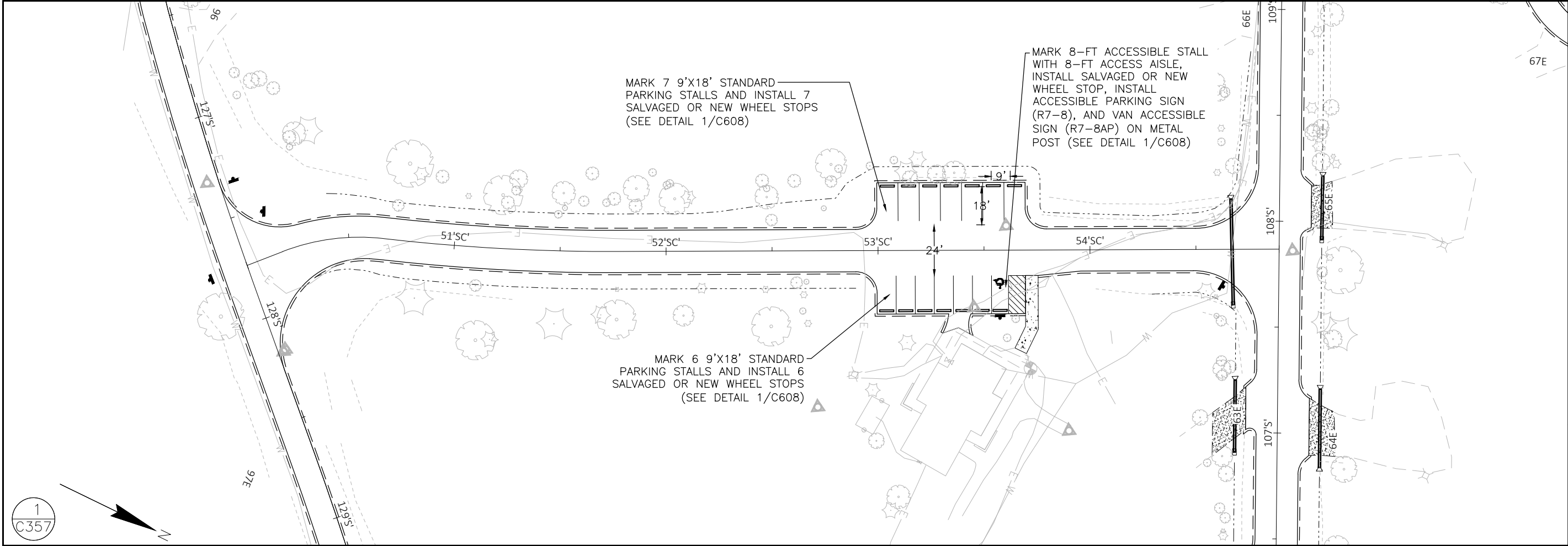
E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
SIGN LAYOUT PLAN

|               |            |              |
|---------------|------------|--------------|
| Revisions:    |            |              |
| No.           | Date:      | Description: |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
| Graphic Scale |            |              |
| DFD Number    | 24E7Z      |              |
| Set Type      | BD         |              |
| Date Issued   | 11/12/2025 |              |
| Sheet Number  | C355       |              |



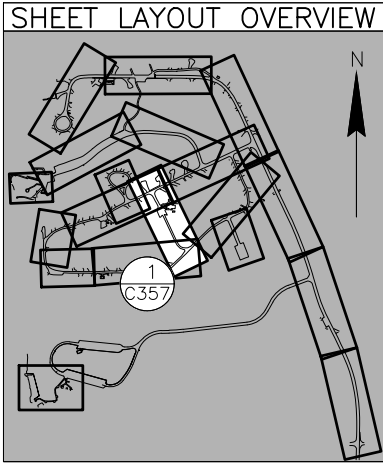


LEGEND

NEW SIGN AND SIGN POST

PARKING STALL WITH WHEEL STOP

CROSSWALK



TO OBTAIN LOCATIONS  
OF PARTICIPANTS  
UNDERGROUND  
FACILITIES BEFORE YOU  
DIG IN WISCONSIN

CALL DIGGERS HOTLINE  
1-800-242-8511  
TOLL FREE

WIS STATUTE 182.0175(1974)  
REQUIRES MIN. 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE

ATTENTION  
ALL UTILITY LOCATIONS ARE BASED  
UPON LOCATES AND/OR INFORMATION  
RECEIVED FROM OTHER SURVEYS AND  
VARIOUS UTILITY COMPANIES. BEFORE  
THE START OF ANY EXCAVATION, A  
COMPLETE LOCATE OF ALL UTILITIES  
WITHIN THE CONSTRUCTION AREA  
SHOULD BE COMPLETED.



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development

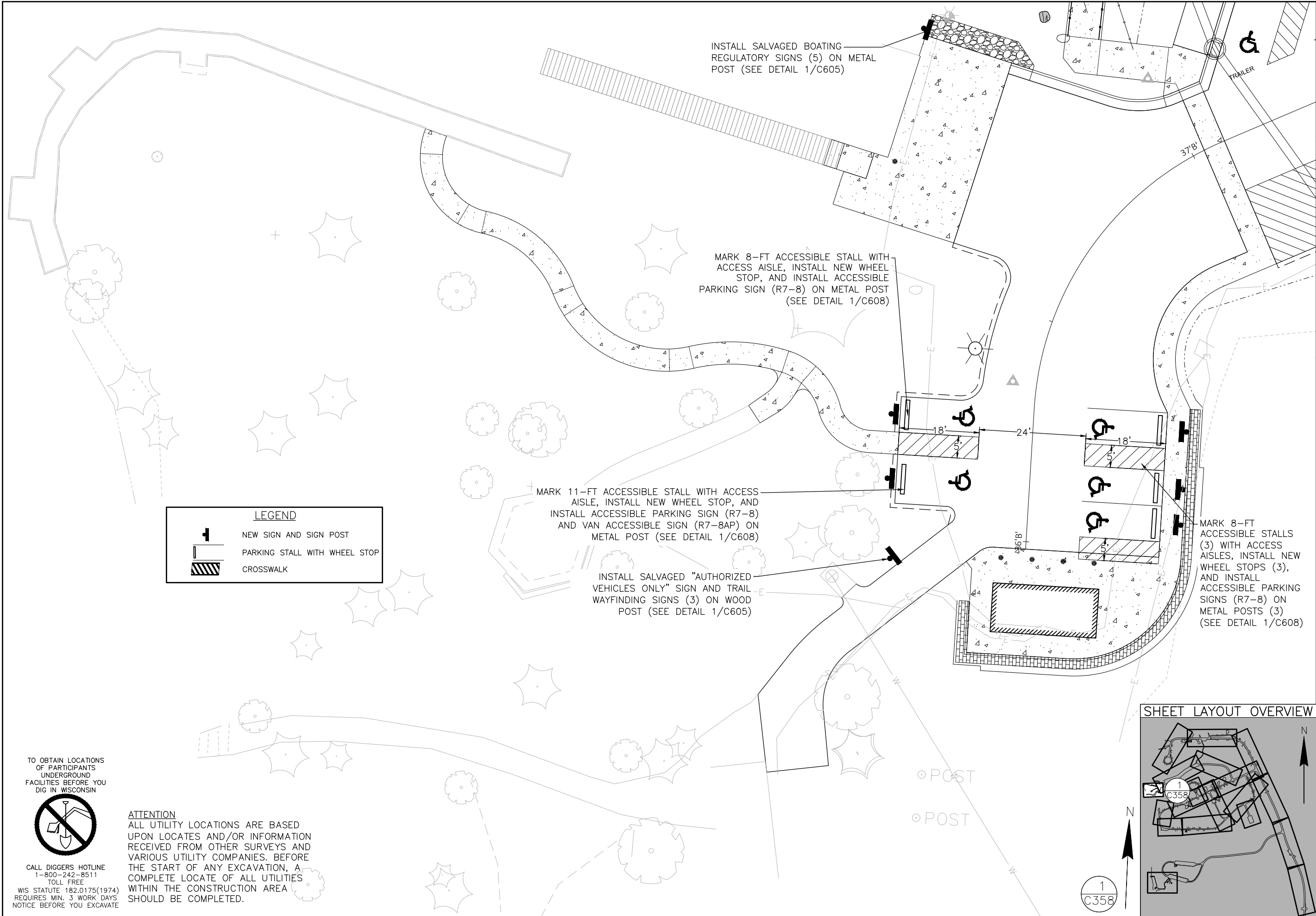


E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
SIGN LAYOUT PLAN

|               |            |              |
|---------------|------------|--------------|
| Revisions:    |            |              |
| No.           | Date:      | Description: |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
| Graphic Scale |            |              |
| DFD Number    | 24E7Z      |              |
| Set Type      | BD         |              |
| Date Issued   | 11/12/2025 |              |
| Sheet Number  | C357       |              |



LEGEND

NEW SIGN AND SIGN POST

PARKING STALL WITH WHEEL STOP

CROSSWALK

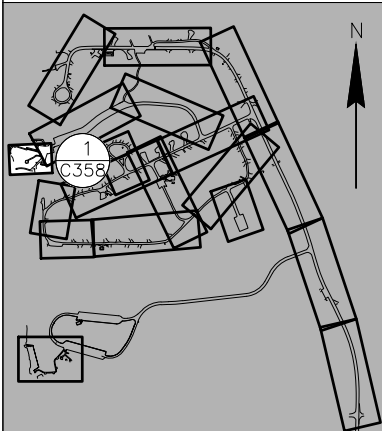
TO OBTAIN LOCATIONS  
OF PARTICIPANTS  
UNDERGROUND  
FACILITIES BEFORE YOU  
DIG IN WISCONSIN



CALL DIGGERS HOTLINE  
1-800-242-8511  
TOLL FREE  
WIS STATUTE 182.0175(1974)  
REQUIRES MIN. 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE

ATTENTION  
ALL UTILITY LOCATIONS ARE BASED  
UPON LOCATES AND/OR INFORMATION  
RECEIVED FROM OTHER SURVEYS AND  
VARIOUS UTILITY COMPANIES. BEFORE  
THE START OF ANY EXCAVATION, A  
COMPLETE LOCATE OF ALL UTILITIES  
WITHIN THE CONSTRUCTION AREA  
SHOULD BE COMPLETED.

SHEET LAYOUT OVERVIEW



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
SIGN LAYOUT PLAN

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

Graphic Scale

0' 5' 10' 15'

DFD Number

24E7Z

Set Type

BD

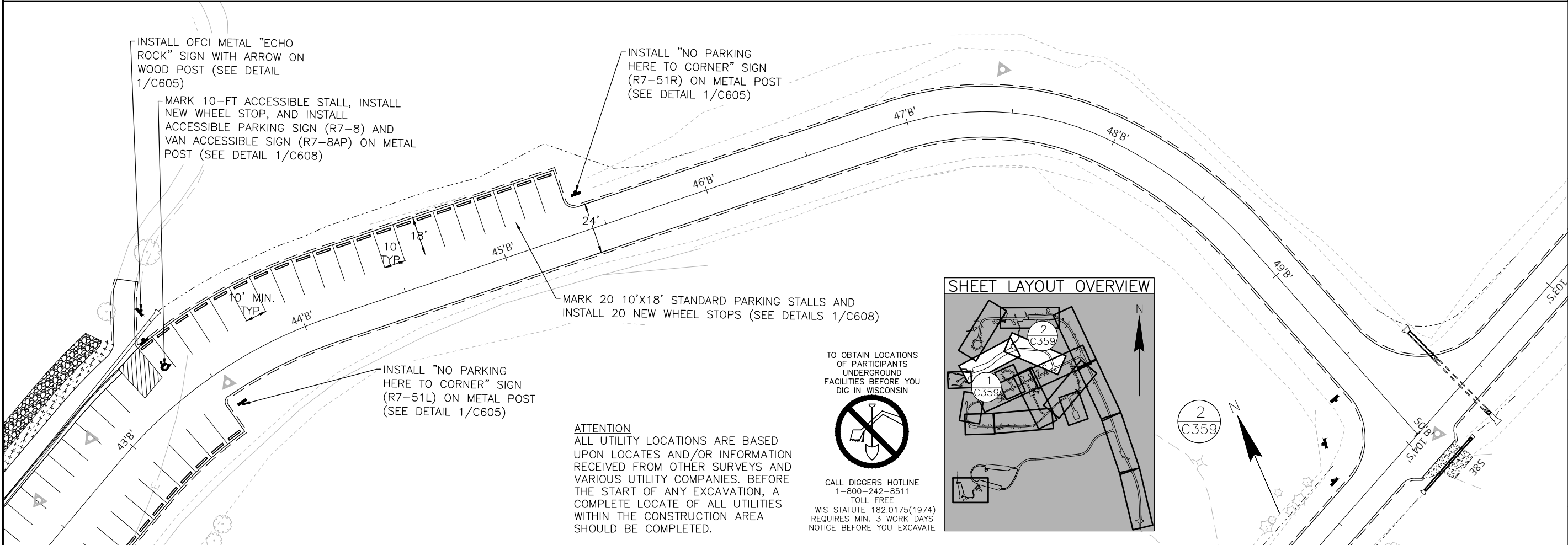
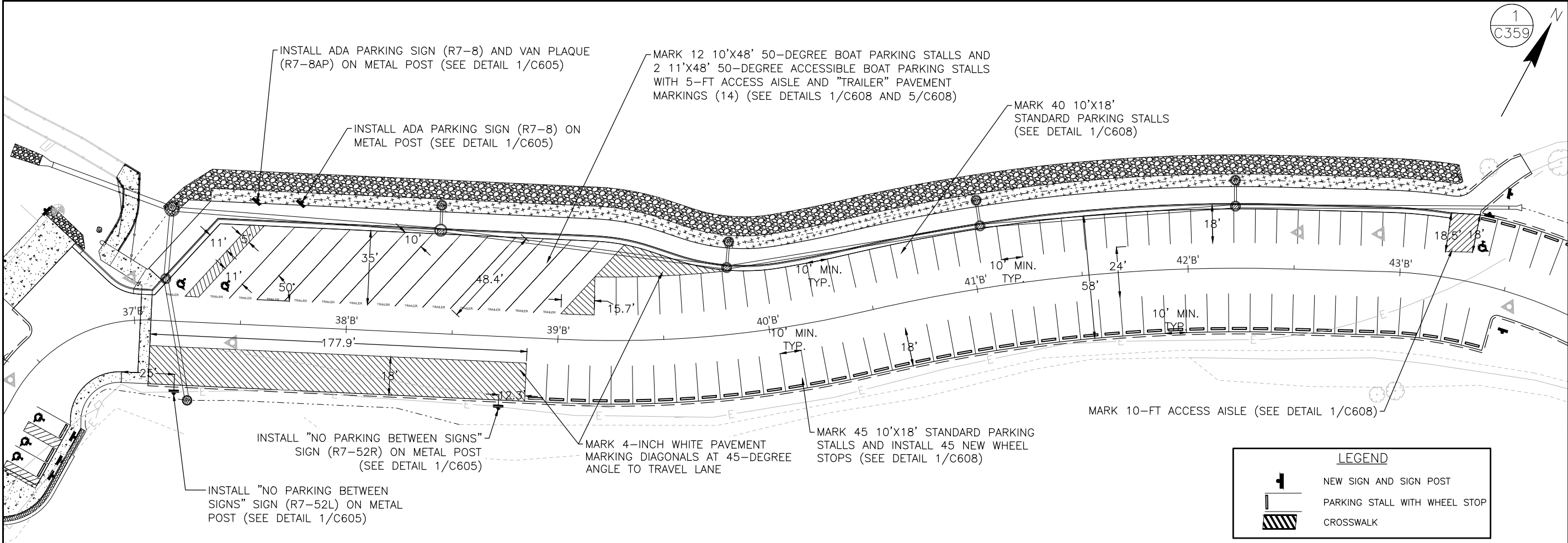
Date Issued

11/12/2025

Sheet Number

C358





4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
SIGN LAYOUT PLAN

|            |     |      |             |
|------------|-----|------|-------------|
| Revisions: | No. | Date | Description |
|            |     |      |             |
|            |     |      |             |
|            |     |      |             |
|            |     |      |             |

Graphic Scale: 0' 12.5' 25' 37.5'

DFD Number: 24E7Z

Set Type: BD

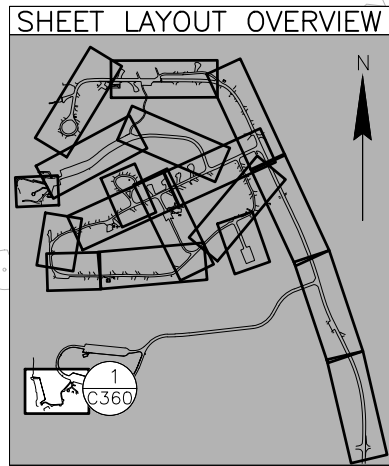
Date Issued: 11/12/2025

Sheet Number: C359

E10320 FERN DELL RD  
BARABOO, WI 53913

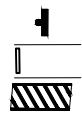
INSTALL OFCI "NO FISHING NO PETS  
IN BEACH AREA" METAL SIGN  
FACING AWAY FROM BEACH ON 1  
WOOD POST (SEE DETAIL 1/C605)

1  
C360



INSTALL OFCI "NO FISHING NO PETS IN BEACH AREA"  
METAL SIGN FACING AWAY FROM BEACH AND NEW  
OWNER FURNISHED "NO WATERCRAFT OR FISHING IN  
SWIM AREA" METAL SIGN FACING TOWARD BEACH ON 2  
WOOD POSTS (SEE DETAIL 1/C605)

LEGEND



NEW SIGN AND SIGN POST  
PARKING STALL WITH WHEEL STOP  
CROSSWALK

INSTALL OFCI "NO FISHING NO PETS IN BEACH AREA"  
METAL SIGN FACING AWAY FROM BEACH ON 1 WOOD  
POST (SEE DETAIL 1/C605)

INSTALL SALVAGED PLAYGROUND PLACARD  
ON WOOD POST (SEE DETAIL 1/C605)

TO OBTAIN LOCATIONS  
OF PARTICIPANTS  
UNDERGROUND  
FACILITIES BEFORE YOU  
DIG IN WISCONSIN



CALL DIGGERS HOTLINE  
1-800-242-8511  
TOLL FREE

WIS STATUTE 182.0175(1974)  
REQUIRES MIN. 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE

**ATTENTION**  
ALL UTILITY LOCATIONS ARE BASED  
UPON LOCATES AND/OR INFORMATION  
RECEIVED FROM OTHER SURVEYS AND  
VARIOUS UTILITY COMPANIES. BEFORE  
THE START OF ANY EXCAVATION, A  
COMPLETE LOCATE OF ALL UTILITIES  
WITHIN THE CONSTRUCTION AREA  
SHOULD BE COMPLETED.



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



E10320 FERN DELL RD  
BARABOO, WI 53913

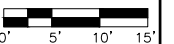
MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
SIGN LAYOUT PLAN

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

Graphic  
Scale



DFD  
Number

24E7Z

Set  
Type

BD

Date  
Issued

11/12/2025

Sheet  
Number

C360

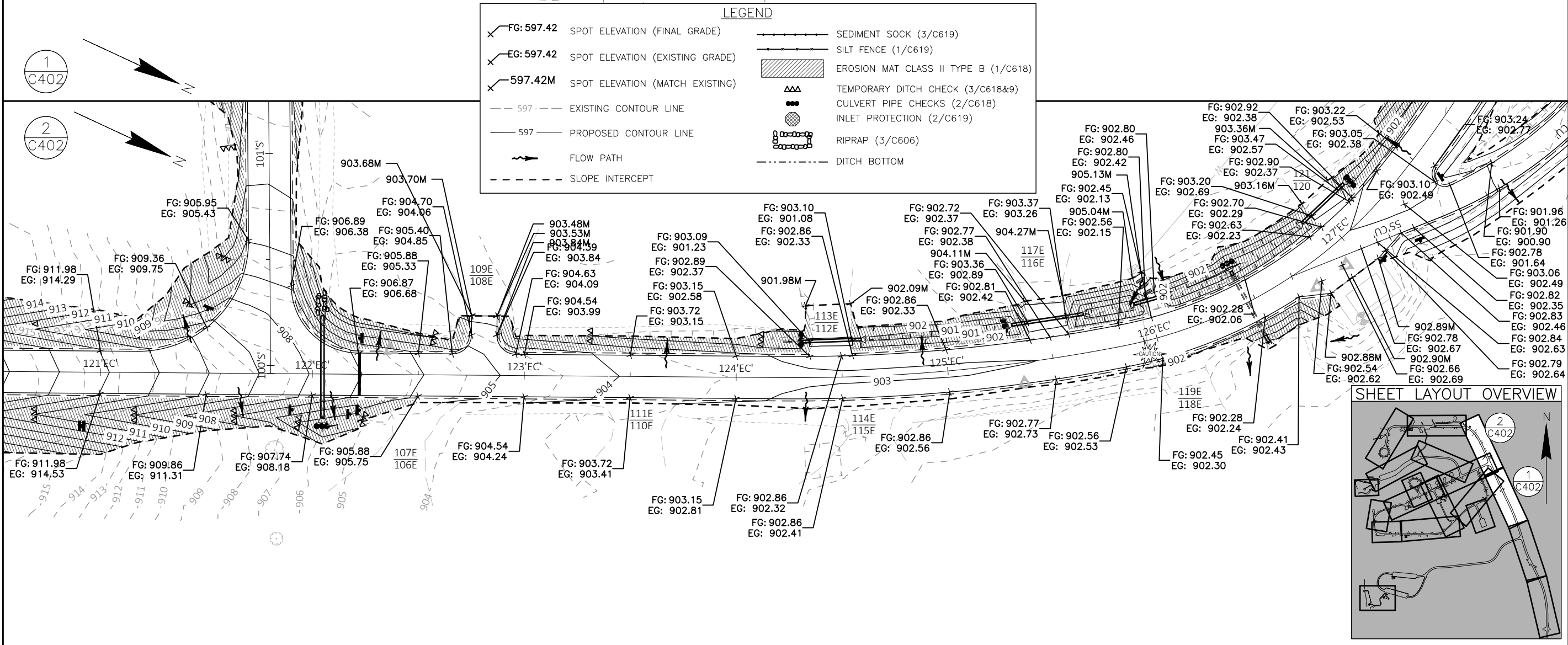
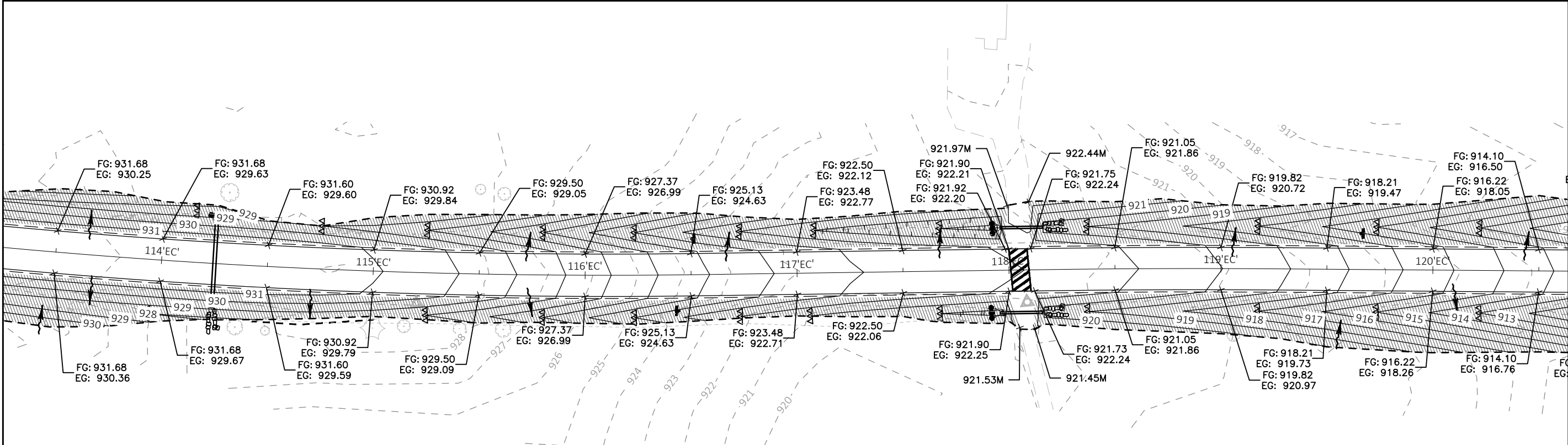
## GENERAL NOTES

1. SEE EXISTING SITE PLAN (C101-C110) FOR LEGEND OF EXISTING FEATURES.
2. CONTRACTOR SHALL ADJUST GRADES AS NEEDED TO PROVIDE ADEQUATE DRAINAGE AND CROSS SLOPE, OR AS DIRECTED BY THE DFD PROJECT REPRESENTATIVE OR A/E.
3. CONTRACTOR MUST PROTECT SITE FEATURES UNLESS OTHERWISE SHOWN TO BE REMOVED OR ABANDONED.
4. INSTALL ALL EROSION CONTROL PER MANUFACTURER'S SPECIFICATIONS.
5. INSTALL EROSION CONTROL MEASURES PRIOR TO ANY GRADING OR LAND-DISTURBING ACTIVITIES AND MAINTAIN MEASURES THROUGHOUT CONSTRUCTION. MEASURES SHOWN ARE MINIMUM REQUIREMENTS ONLY. LOCATION OF EROSION CONTROL MEASURES AS SHOWN ON PLAN ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS TO BE DETERMINED BY A/E OR DFD PROJECT REPRESENTATIVE IN THE FIELD. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADDITIONAL APPLICABLE EROSION CONTROL MEASURES WITHIN 24 HOURS AT THE REQUEST OF THE STATE, DFD PROJECT REPRESENTATIVE, OR A/E.
6. INSTALL AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH APPLICABLE WISCONSIN DNR TECHNICAL STANDARDS.
7. TOPSOIL, SEED, AND FERTILIZE ALL AREAS DISTURBED DURING CONSTRUCTION AT COMPLETION OF EACH PHASE.
8. MULCH ALL AREAS NOT COVERED BY EROSION MAT.
9. SWEEP MATERIAL TRACKED ONTO ADJACENT ROADWAYS/PATHS AT THE END OF EACH WORK DAY, PRIOR TO ANTICIPATED PRECIPITATION, OR AS DIRECTED BY THE DFD PROJECT REPRESENTATIVE OR A/E.
10. COLLECT AND REMOVE ALL CONSTRUCTION DEBRIS, EXCESS MATERIALS, TRASH AND OTHER MATERIALS AT THE END OF EACH WORK DAY TO PREVENT MIGRATION OF MATERIALS TO THE WATERS OF THE STATE OR NEIGHBORING PROPERTIES. DO NOT BURY DEBRIS OR MATERIALS ON-SITE.
11. CONTRACTOR IS RESPONSIBLE FOR ALL FINAL RESTORATION ASSOCIATED WITH THIS PROJECT. CONTRACTOR SHALL RESTORE ANY AREAS WHERE WORK ASSOCIATED WITH THIS PROJECT IS COMPLETED TO MINIMIZE THE AMOUNT OF OVERALL SITE DISTURBANCE THROUGHOUT PROJECT. ANY DISTURBED AREAS OUTSIDE OF THE EXPECTED AREA OF DISTURBANCE BUT WITHIN THE CONSTRUCTION LIMITS SHALL BE RESTORED WITH THE SAME MATERIAL FOR THE CORRESPONDING AREA SHOWN ON THE EROSION CONTROL PLAN IF IMPACTED BY STAGING OPERATIONS AND EQUIPMENT ACTIVITY.
12. REMOVE ALL EROSION CONTROL MEASURES AFTER PROJECT ACCEPTANCE.
13. INSTALL EROSION MAT ON ALL SLOPES GREATER THAN 4:1 AND ALL DRAINAGE SWALES. USE CLASS 1, TYPE B URBAN FROM WISDOT PRODUCT APPROVED LIST FOR ALL SIDE SLOPES. USE CLASS II, TYPE B FOR SLOPES GRATER THAN 2.5:1. INSTALL EROSION MAT ON THE BOTTOM OF AND A MINIMUM OF 2 FEET VERTICALLY UP THE SIDE SLOPES OF ALL DRAINAGE SWALES. CLASS I, TYPE B URBAN MAY BE USED FOR THE REMAINDER OF THE SIDE SLOPES IN DRAINAGE SWALES EXCEEDING 2 FEET VERTICALLY.

|                                                                                                                                                                              |                                                                                         |              |                                                                                                             |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------|--|--|
|                                                                                            |                                                                                         |              | 4654 S. BILTMORE LN.<br>MADISON, WI 53718<br>PHONE: 608.673.4400<br>KAPURINC.COM<br>PROJECT NUMBER: 23.0091 |  |  |
|  State of Wisconsin<br>Department of Administration<br>Division of Facilities Development |                                                                                         |              | E10320 FERN DELL RD<br>BARABOO, WI 53913                                                                    |  |  |
| MIRROR LAKE PAVING<br>MIRROR LAKE STATE PARK<br>DEPARTMENT OF NATURAL RESOURCES<br>BARABOO, WISCONSIN                                                                        |                                                                                         |              | Sheet Title:<br>SITE GRADING AND EROSION CONTROL PLAN – GENERAL NOTES                                       |  |  |
| Revisions:                                                                                                                                                                   |                                                                                         |              |                                                                                                             |  |  |
| No.                                                                                                                                                                          | Date:                                                                                   | Description: |                                                                                                             |  |  |
|                                                                                                                                                                              |                                                                                         |              |                                                                                                             |  |  |
|                                                                                                                                                                              |                                                                                         |              |                                                                                                             |  |  |
|                                                                                                                                                                              |                                                                                         |              |                                                                                                             |  |  |
|                                                                                                                                                                              |                                                                                         |              |                                                                                                             |  |  |
| Graphic Scale                                                                                                                                                                |  NTS |              |                                                                                                             |  |  |
| DFD Number                                                                                                                                                                   | 24E7Z                                                                                   |              |                                                                                                             |  |  |
| Set Type                                                                                                                                                                     | BD                                                                                      |              |                                                                                                             |  |  |
| Date Issued                                                                                                                                                                  | 11/12/2025                                                                              |              |                                                                                                             |  |  |
| Sheet Number                                                                                                                                                                 | C400                                                                                    |              |                                                                                                             |  |  |

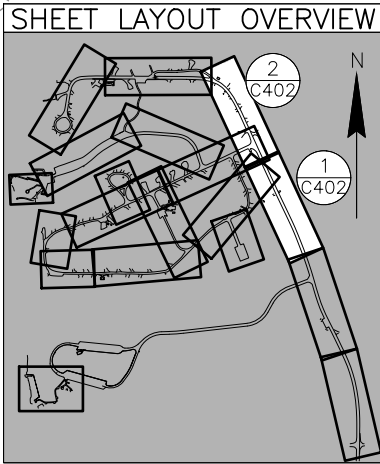






**LEGEND**

|              |                                 |         |                                      |
|--------------|---------------------------------|---------|--------------------------------------|
| ✕ FG: 597.42 | SPOT ELEVATION (FINAL GRADE)    | —+—+—+— | SEDIMENT SOCK (3/C619)               |
| ✕ EG: 597.42 | SPOT ELEVATION (EXISTING GRADE) | —+—+—+— | SILT FENCE (1/C619)                  |
| ✕ 597.42M    | SPOT ELEVATION (MATCH EXISTING) | ▨       | EROSION MAT CLASS II TYPE B (1/C618) |
| ---          | EXISTING CONTOUR LINE           | ▲▲▲     | TEMPORARY DITCH CHECK (3/C618&9)     |
| —597—        | PROPOSED CONTOUR LINE           | ●●●     | CULVERT PIPE CHECKS (2/C618)         |
| →            | FLOW PATH                       | ●●●     | INLET PROTECTION (2/C619)            |
| - - -        | SLOPE INTERCEPT                 | □       | RIPRAP (3/C606)                      |
|              |                                 | —+—+—+— | DITCH BOTTOM                         |





4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



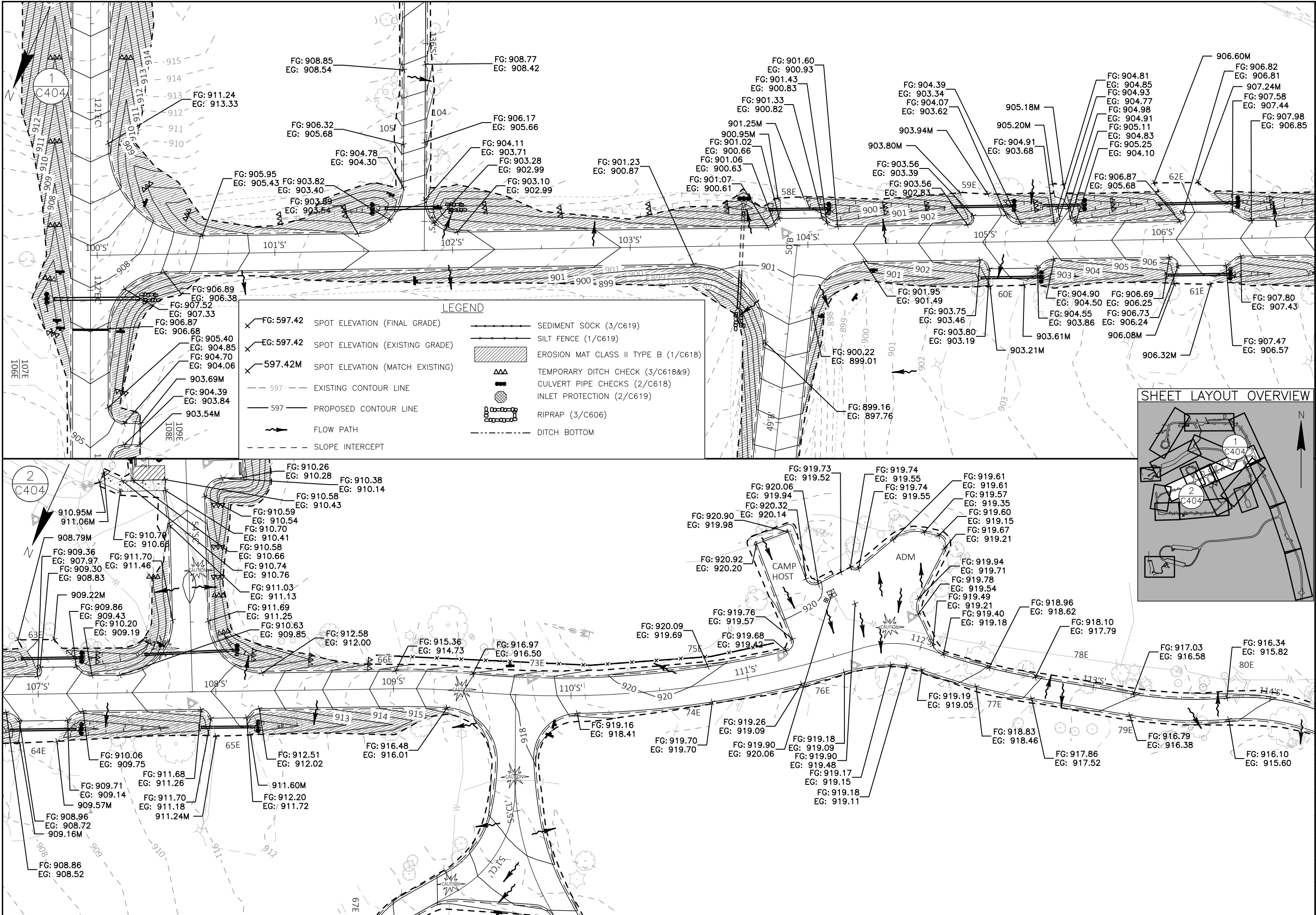
**MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN**

Sheet Title:  
SITE GRADING AND EROSION CONTROL PLAN

|            |       |              |
|------------|-------|--------------|
| Revisions: |       |              |
| No.        | Date: | Description: |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |

|               |                    |
|---------------|--------------------|
| Graphic Scale | 0' 12.5' 25' 37.5' |
| DFD Number    | 24E7Z              |
| Set Type      | BD                 |
| Date Issued   | 11/12/2025         |
| Sheet Number  | C402               |







State of Wisconsin  
Department of Administration  
Division of Facilities Development

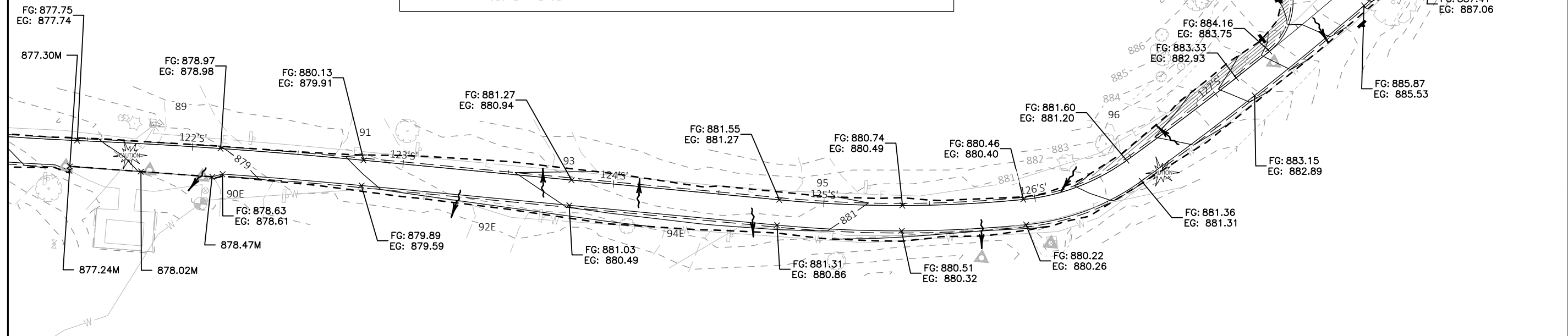
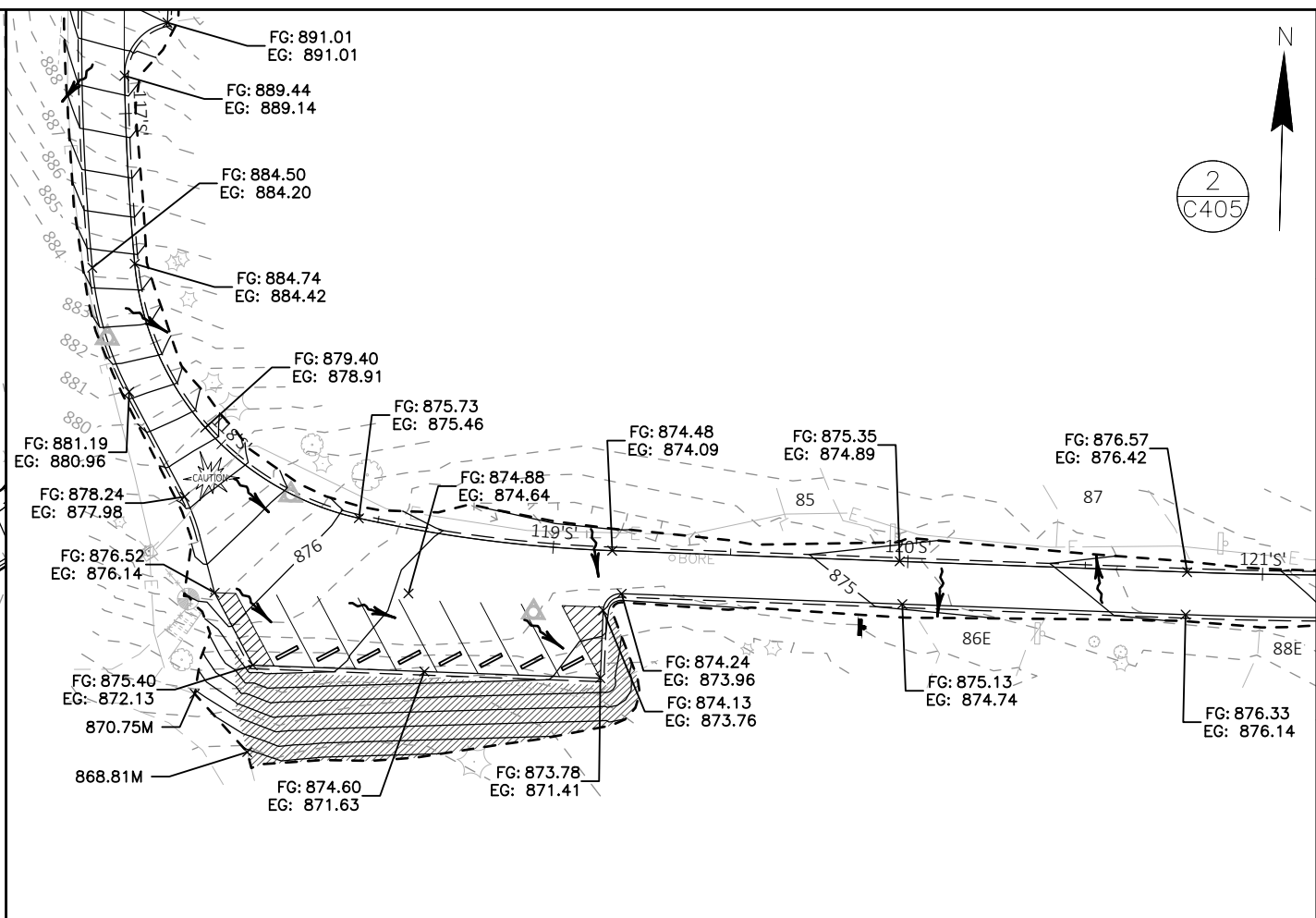
4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
SITE GRADING AND EROSION CONTROL PLAN

|            |       |              |
|------------|-------|--------------|
| Revisions: |       |              |
| No.        | Date: | Description: |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |

|               |            |
|---------------|------------|
| Graphic Scale |            |
| DFD Number    | 24E7Z      |
| Set Type      | BD         |
| Date Issued   | 11/12/2025 |
| Sheet Number  | C404       |

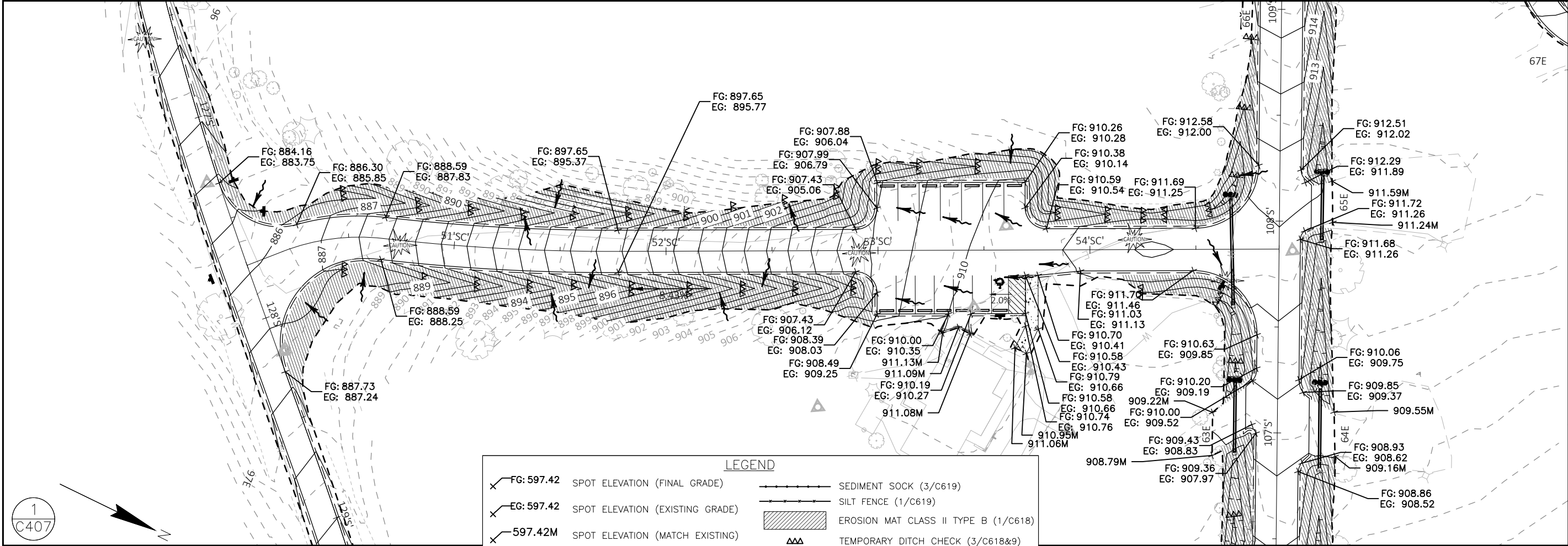


|               |                                                                                       |              |
|---------------|---------------------------------------------------------------------------------------|--------------|
| Revisions:    |                                                                                       |              |
| No.           | Date:                                                                                 | Description: |
|               |                                                                                       |              |
|               |                                                                                       |              |
|               |                                                                                       |              |
|               |                                                                                       |              |
|               |                                                                                       |              |
| Graphic Scale |  |              |
| DFD Number    | 24E7Z                                                                                 |              |
| Set Type      | BD                                                                                    |              |
| Date Issued   | 11/12/2025                                                                            |              |
| Sheet Number  | C405                                                                                  |              |

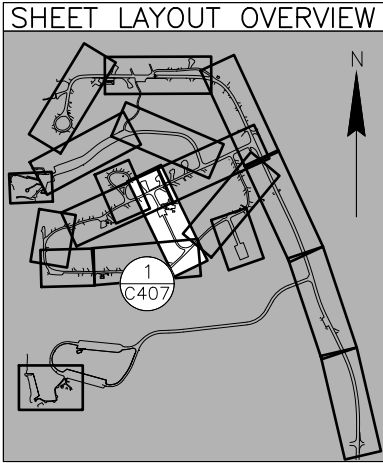








| LEGEND                                                                               |            |                                 |                                                                                       |                                      |
|--------------------------------------------------------------------------------------|------------|---------------------------------|---------------------------------------------------------------------------------------|--------------------------------------|
|     | FG: 597.42 | SPOT ELEVATION (FINAL GRADE)    |    | SEDIMENT SOCK (3/C619)               |
|     | EG: 597.42 | SPOT ELEVATION (EXISTING GRADE) |    | SILT FENCE (1/C619)                  |
|     | 597.42M    | SPOT ELEVATION (MATCH EXISTING) |    | EROSION MAT CLASS II TYPE B (1/C618) |
|  | 597        | EXISTING CONTOUR LINE           |  | TEMPORARY DITCH CHECK (3/C618&9)     |
|  | 597        | PROPOSED CONTOUR LINE           |  | CULVERT PIPE CHECKS (2/C618)         |
|  |            | FLOW PATH                       |  | INLET PROTECTION (2/C619)            |
|  |            | SLOPE INTERCEPT                 |  | RIPRAP (3/C606)                      |
|                                                                                      |            |                                 |  | DITCH BOTTOM                         |



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development

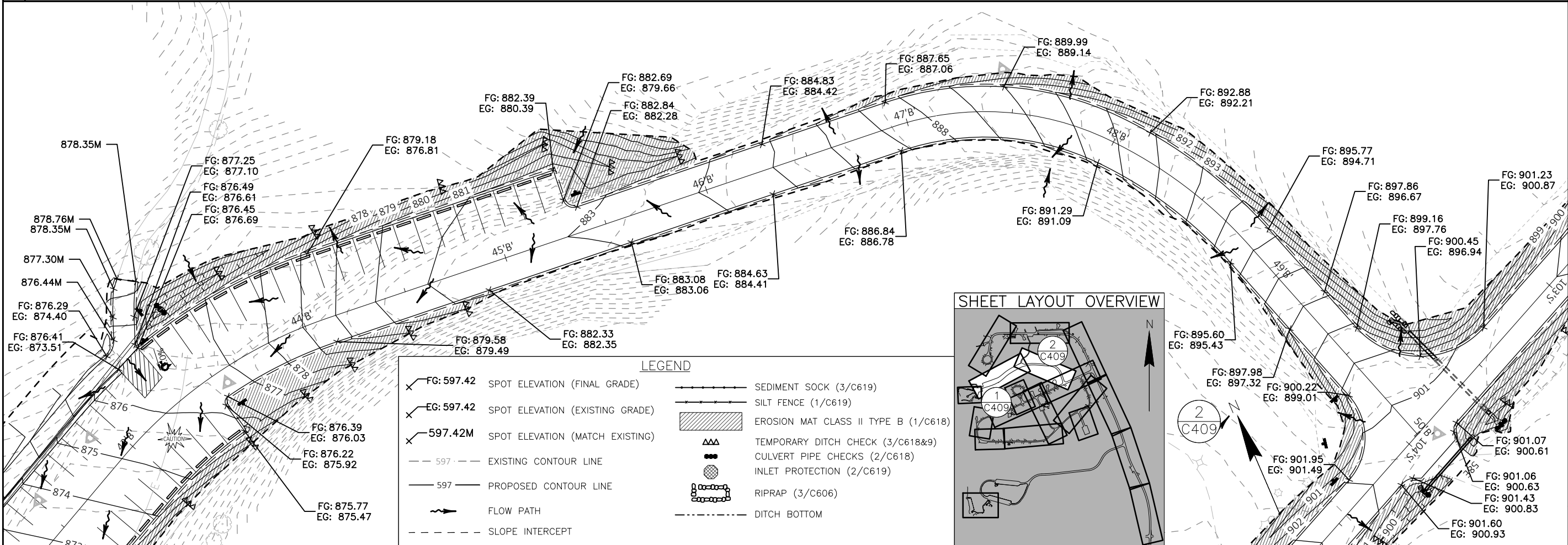
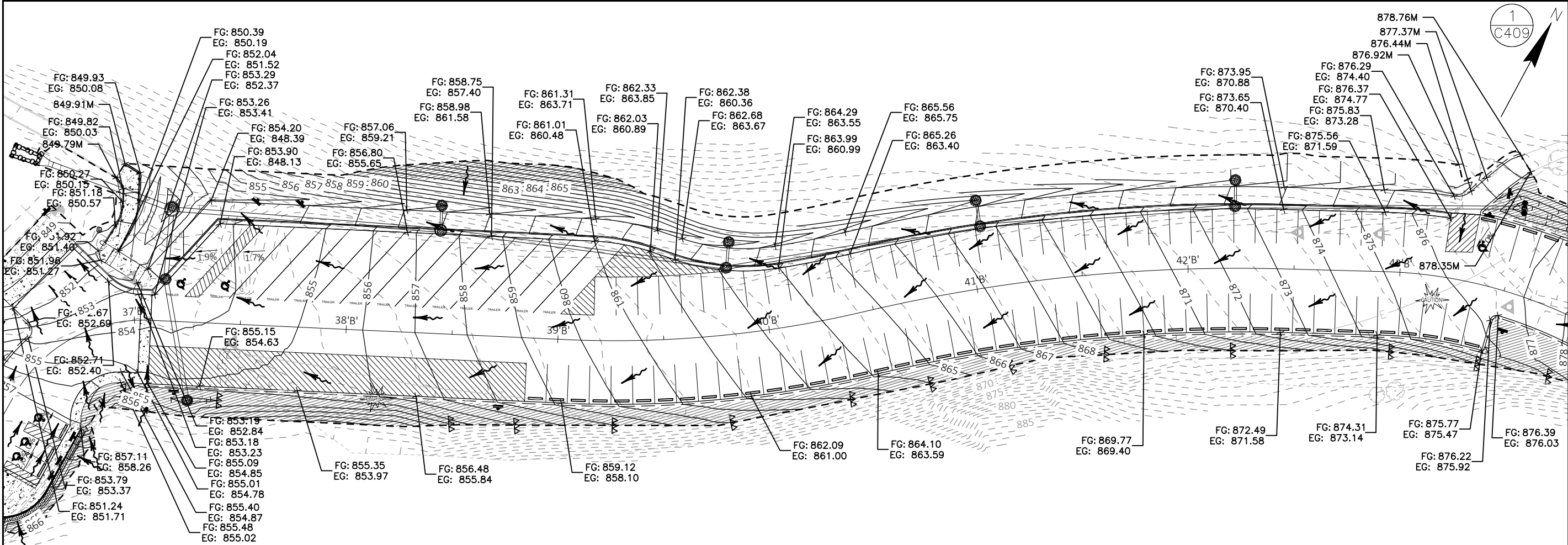
MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
SITE GRADING AND EROSION CONTROL PLAN

| Revisions: |       |              |
|------------|-------|--------------|
| No.        | Date: | Description: |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |

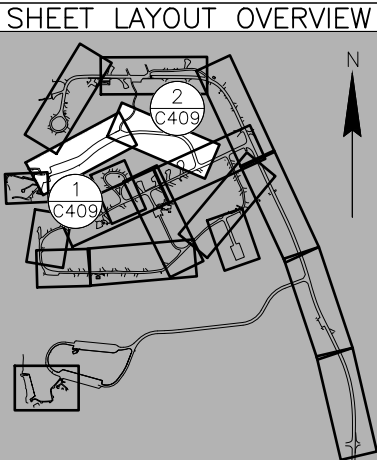
|               |            |
|---------------|------------|
| Graphic Scale |            |
| DFD Number    | 24E7Z      |
| Set Type      | BD         |
| Date Issued   | 11/12/2025 |
| Sheet Number  | C407       |





**LEGEND**

|              |                                 |                 |                                      |
|--------------|---------------------------------|-----------------|--------------------------------------|
| ✕ FG: 597.42 | SPOT ELEVATION (FINAL GRADE)    | —+—+—+—         | SEDIMENT SOCK (3/C619)               |
| ✕ EG: 597.42 | SPOT ELEVATION (EXISTING GRADE) | —+—+—+—         | SILT FENCE (1/C619)                  |
| ✕ 597.42M    | SPOT ELEVATION (MATCH EXISTING) | [Hatched Box]   | EROSION MAT CLASS II TYPE B (1/C618) |
| --- 597 ---  | EXISTING CONTOUR LINE           | [Triangle]      | TEMPORARY DITCH CHECK (3/C618&9)     |
| — 597 —      | PROPOSED CONTOUR LINE           | [Circle]        | CULVERT PIPE CHECKS (2/C618)         |
| [Wavy Line]  | FLOW PATH                       | [Circle with X] | INLET PROTECTION (2/C619)            |
| ----         | SLOPE INTERCEPT                 | [Riprap]        | RIPRAP (3/C606)                      |
|              |                                 | ----            | DITCH BOTTOM                         |





4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

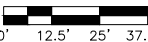
State of Wisconsin  
Department of Administration  
Division of Facilities Development

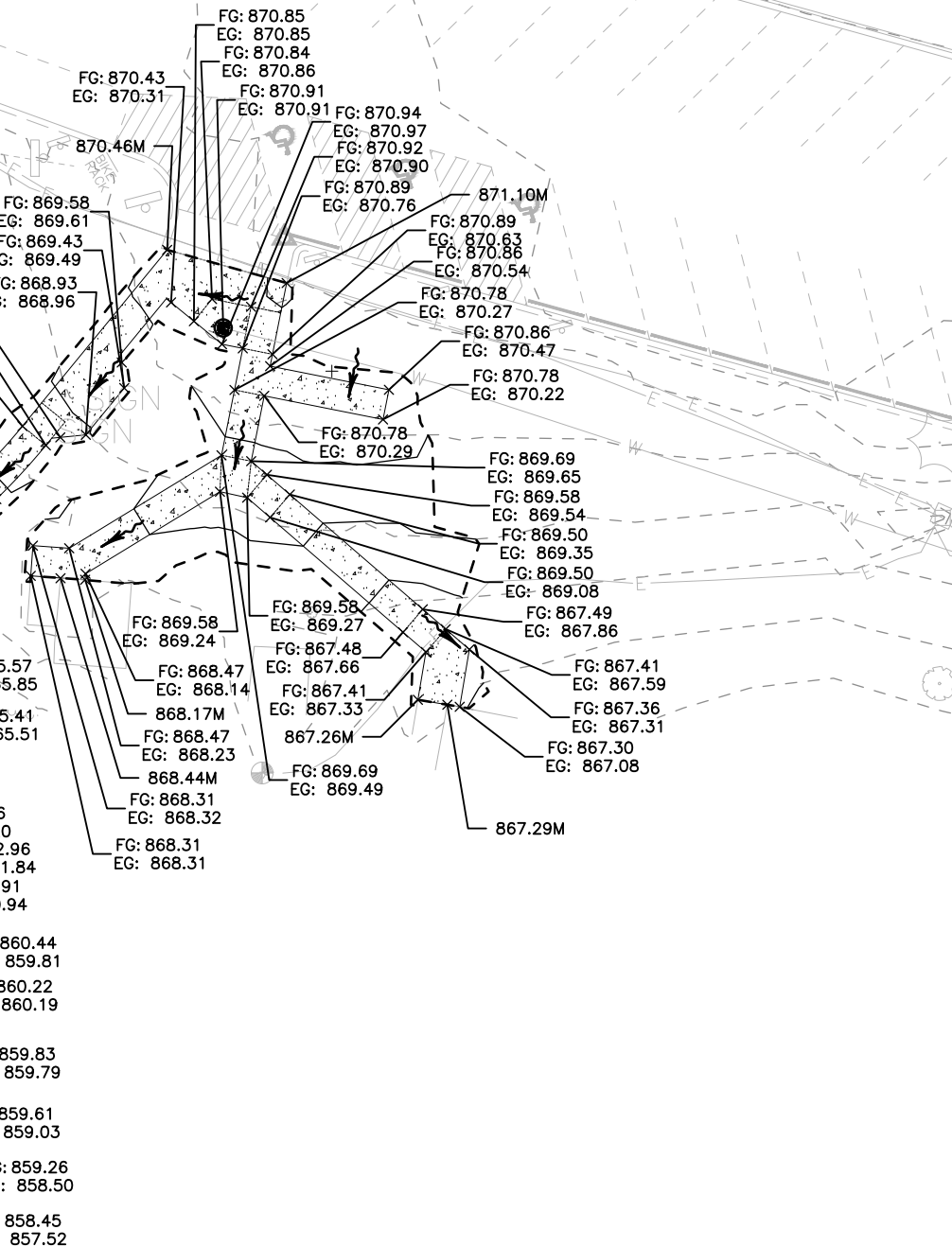
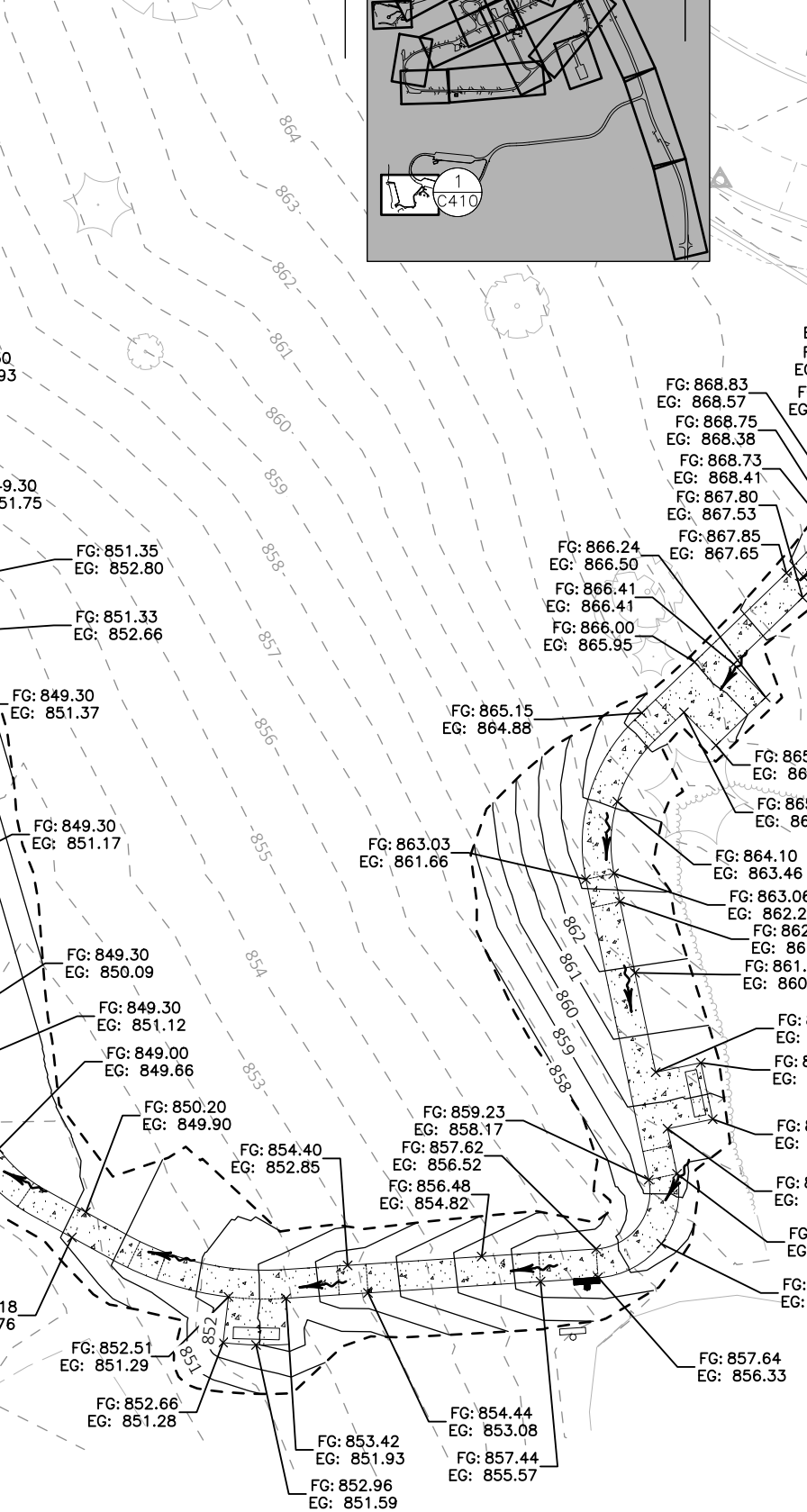


MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
SITE GRADING AND EROSION CONTROL PLAN

| Revisions: |       |              |
|------------|-------|--------------|
| No.        | Date: | Description: |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |

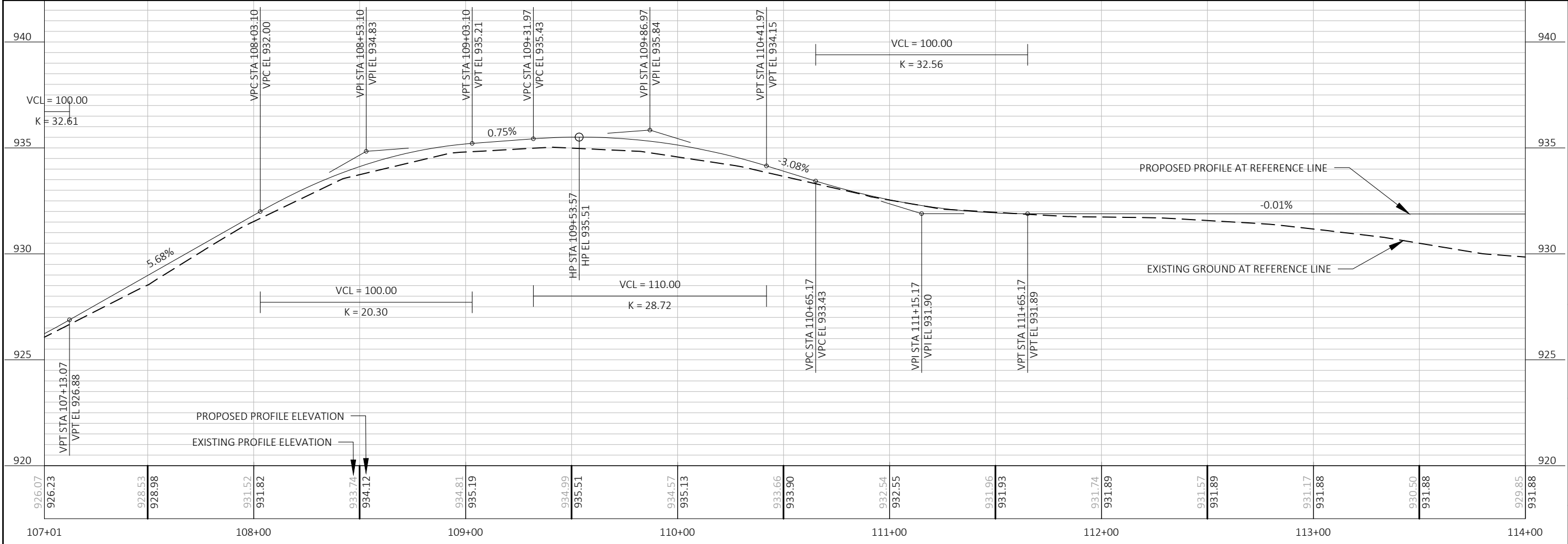
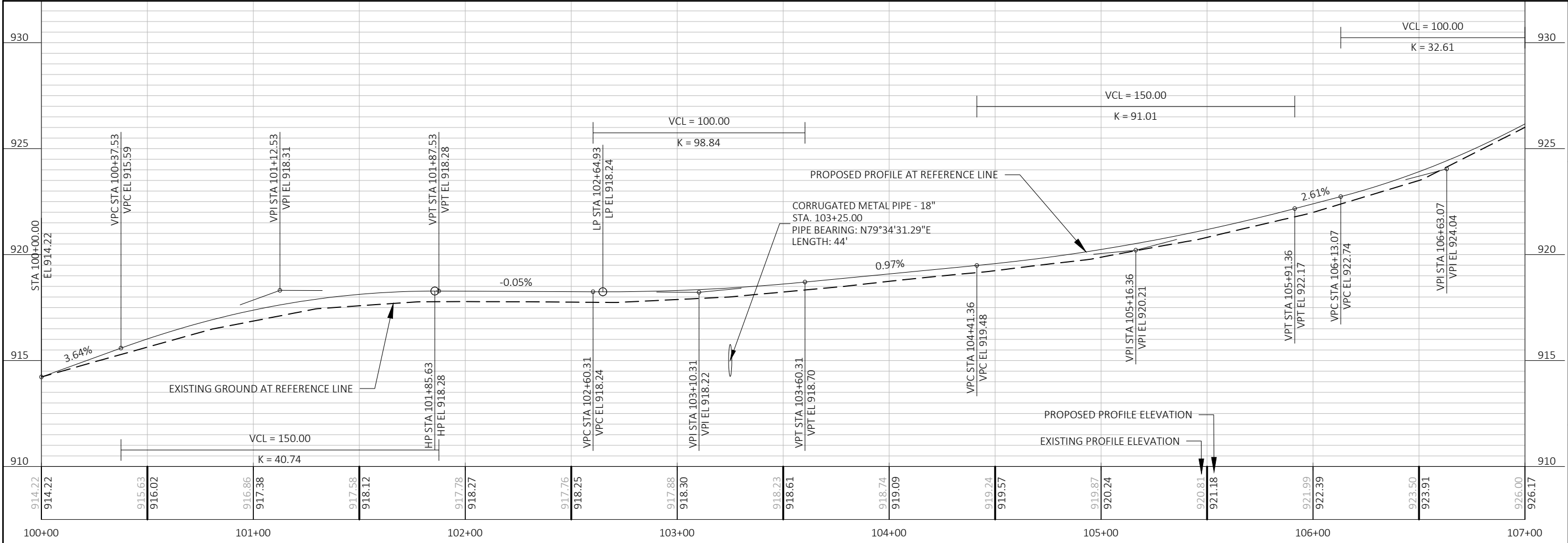
|               |                                                                                       |
|---------------|---------------------------------------------------------------------------------------|
| Graphic Scale |  |
| DFD Number    | 24E7Z                                                                                 |
| Set Type      | BD                                                                                    |
| Date Issued   | 11/12/2025                                                                            |
| Sheet Number  | C409                                                                                  |



**LEGEND**

|                                                                                       |                   |                                 |                                                                                       |                                      |
|---------------------------------------------------------------------------------------|-------------------|---------------------------------|---------------------------------------------------------------------------------------|--------------------------------------|
|  | <b>FG: 597.42</b> | SPOT ELEVATION (FINAL GRADE)    |  | SEDIMENT SOCK (3/C619)               |
|  | <b>EG: 597.42</b> | SPOT ELEVATION (EXISTING GRADE) |  | SILT FENCE (1/C619)                  |
|  | <b>597.42M</b>    | SPOT ELEVATION (MATCH EXISTING) |  | EROSION MAT CLASS II TYPE B (1/C618) |
|  | 597               | EXISTING CONTOUR LINE           |  | TEMPORARY DITCH CHECK (3/C618&9)     |
|  | 597               | PROPOSED CONTOUR LINE           |  | CULVERT PIPE CHECKS (2/C618)         |
|  |                   | FLOW PATH                       |  | INLET PROTECTION (2/C619)            |
|  |                   | SLOPE INTERCEPT                 |  | RIPRAP (3/C606)                      |
|                                                                                       |                   |                                 |  | DITCH BOTTOM                         |







4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

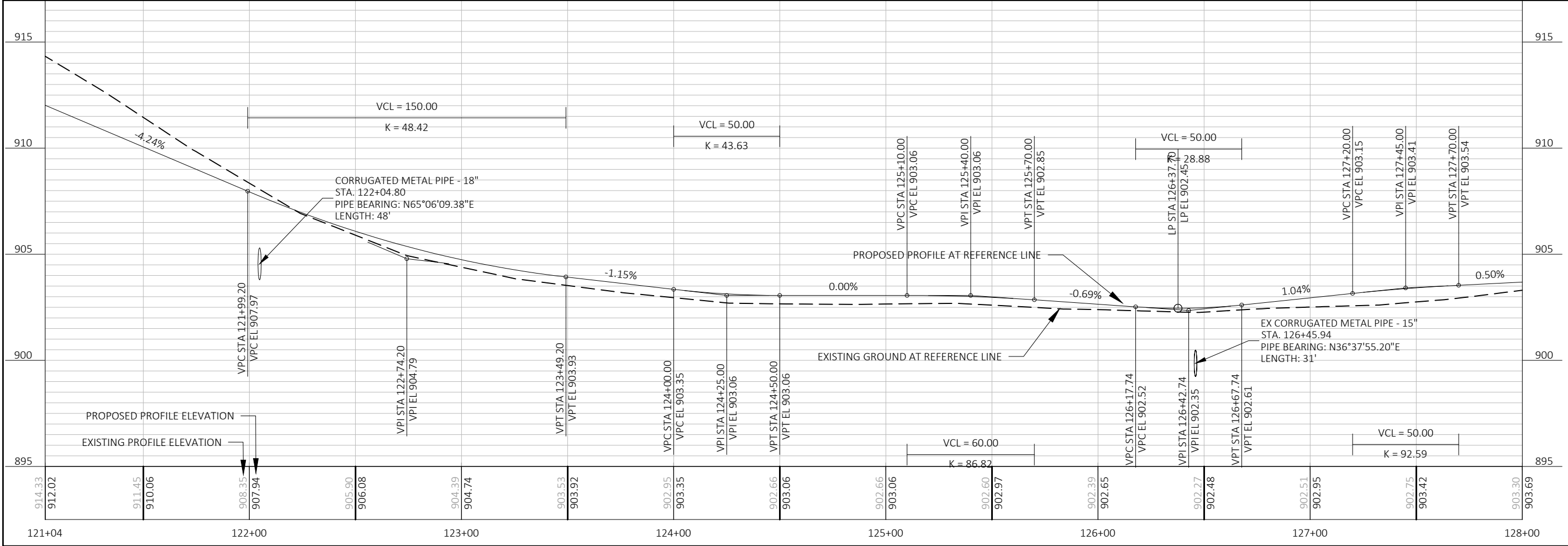
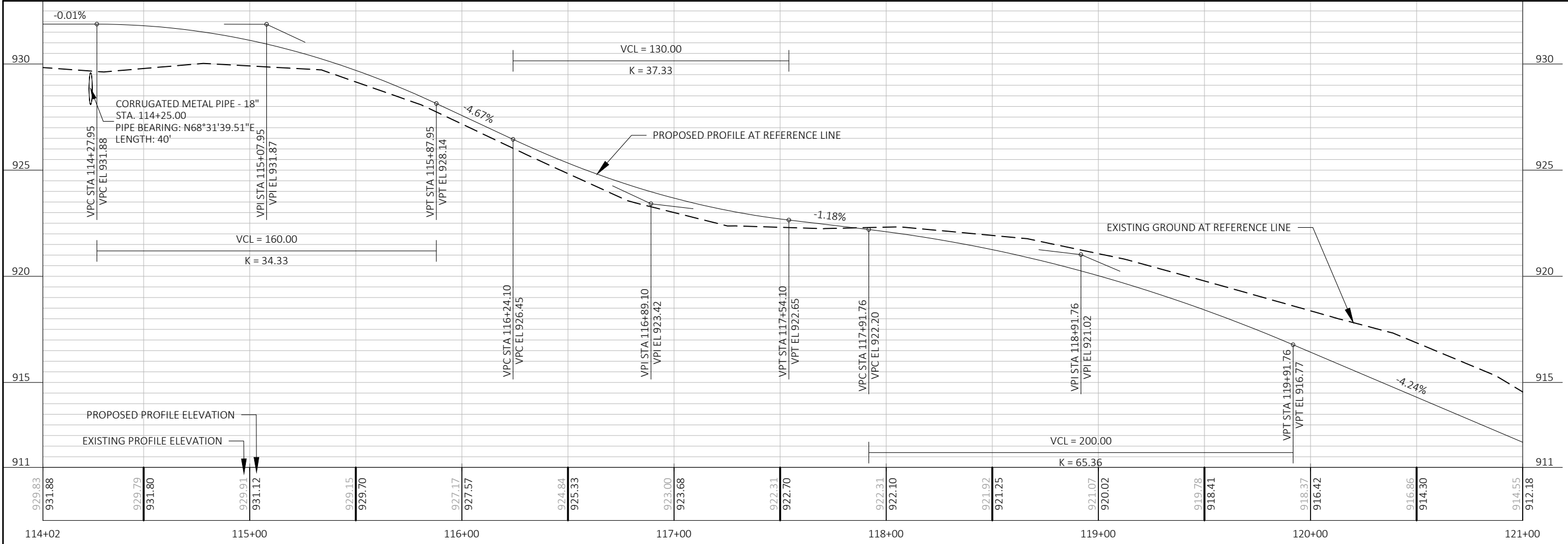


State of Wisconsin  
Department of Administration  
Division of Facilities Development

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
PROFILES - ALIGNMENT 'EC'

|               |                                                                                       |              |
|---------------|---------------------------------------------------------------------------------------|--------------|
| Revisions:    |                                                                                       |              |
| No.           | Date:                                                                                 | Description: |
|               |                                                                                       |              |
|               |                                                                                       |              |
|               |                                                                                       |              |
|               |                                                                                       |              |
|               |                                                                                       |              |
| Graphic Scale |  |              |
| DFD Number    | 24E7Z                                                                                 |              |
| Set Type      | BD                                                                                    |              |
| Date Issued   | 11/12/2025                                                                            |              |
| Sheet Number  | C450                                                                                  |              |





4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091



State of Wisconsin  
Department of Administration  
Division of Facilities Development

E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
PROFILES - ALIGNMENT 'EC'

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

Graphic Scale



DFD Number

24E7Z

Set Type

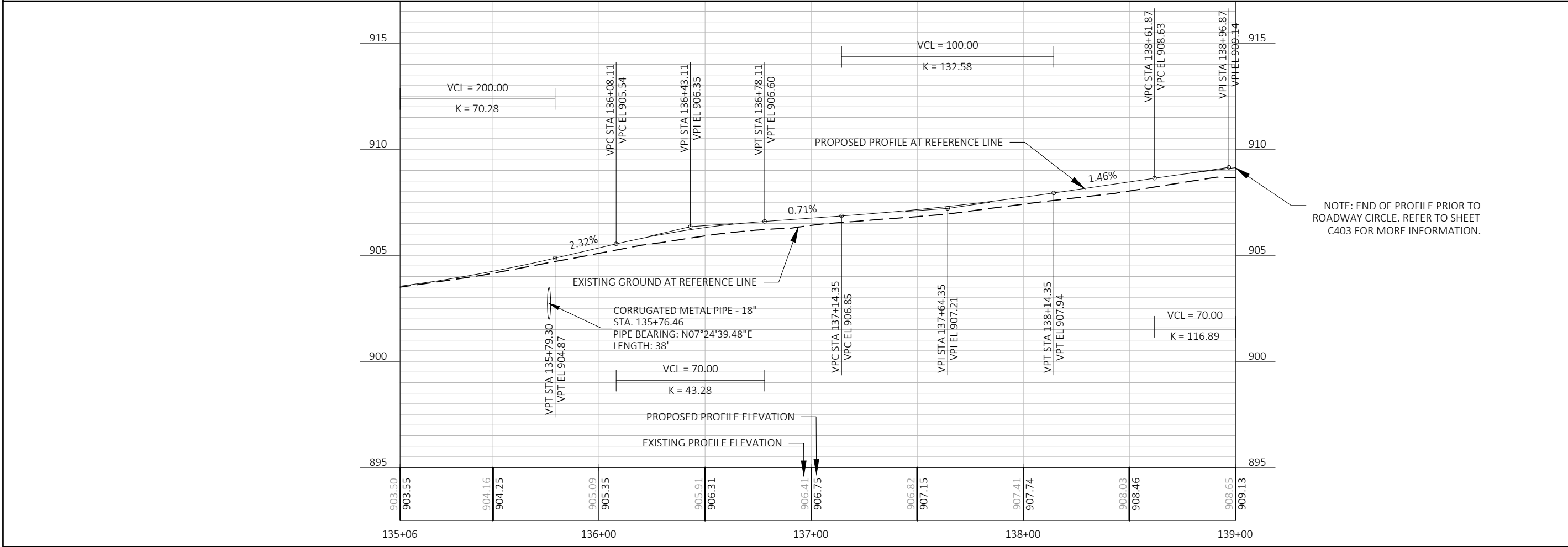
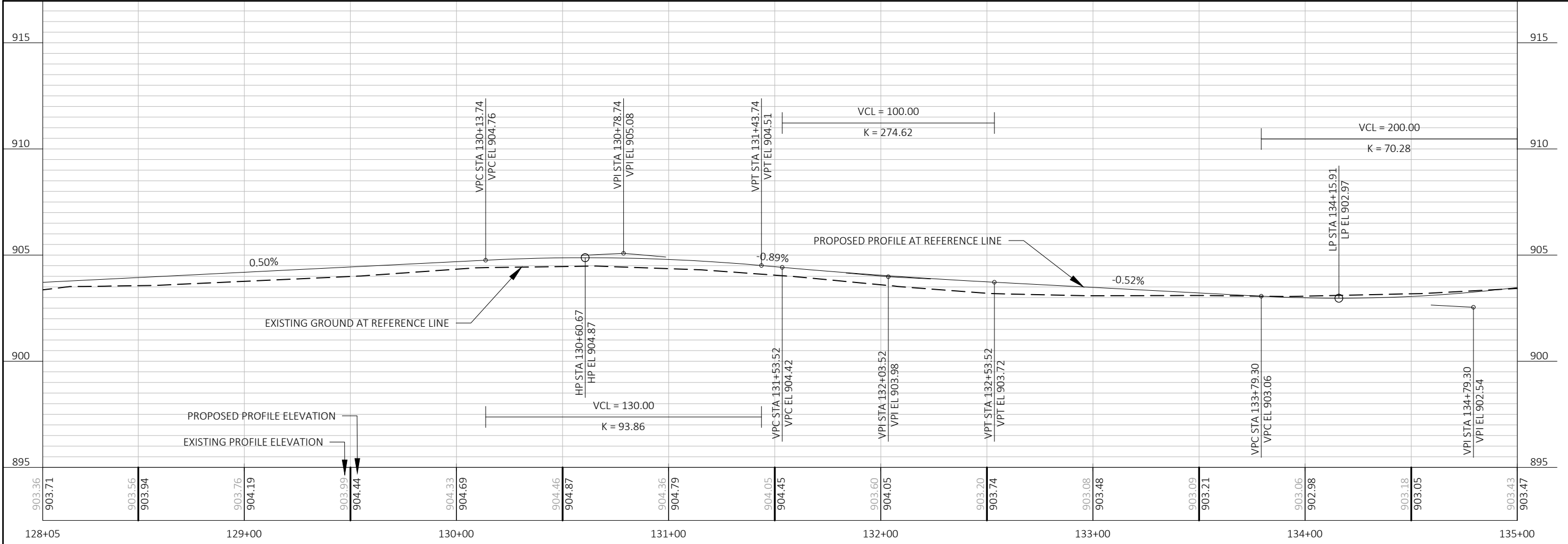
BD

Date Issued

11/12/2025

Sheet Number

C451





4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
PROFILES - ALIGNMENT 'EC'

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

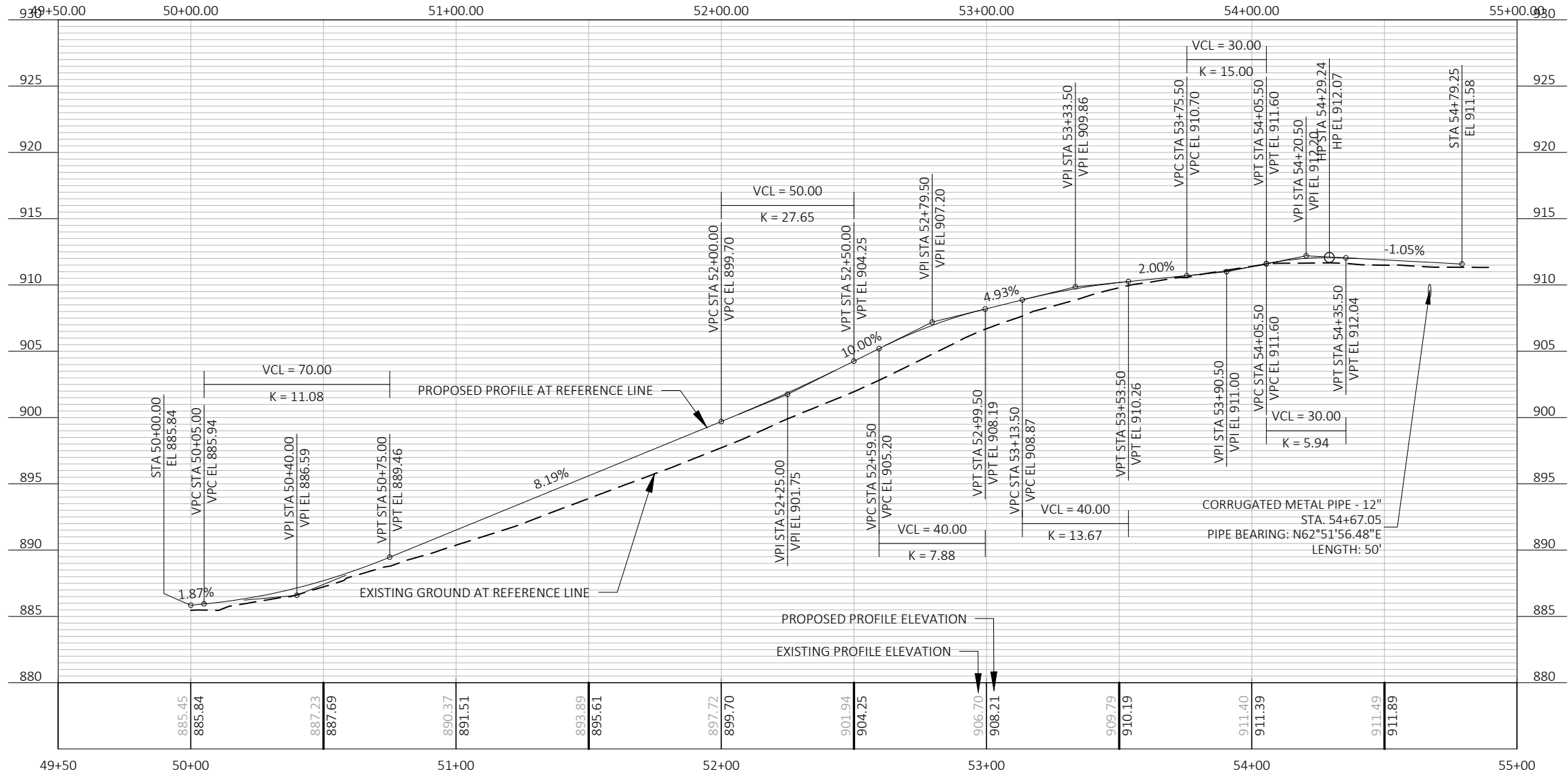
Graphic Scale: 

DFD Number: 24E7Z

Set Type: BD

Date Issued: 11/12/2025

Sheet Number: C452



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.673.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
PROFILES - ALIGNMENT 'SC'

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

Graphic  
Scale



DFD  
Number

24E7Z

Set  
Type

BD

Date  
Issued

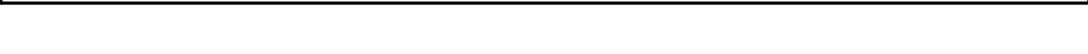
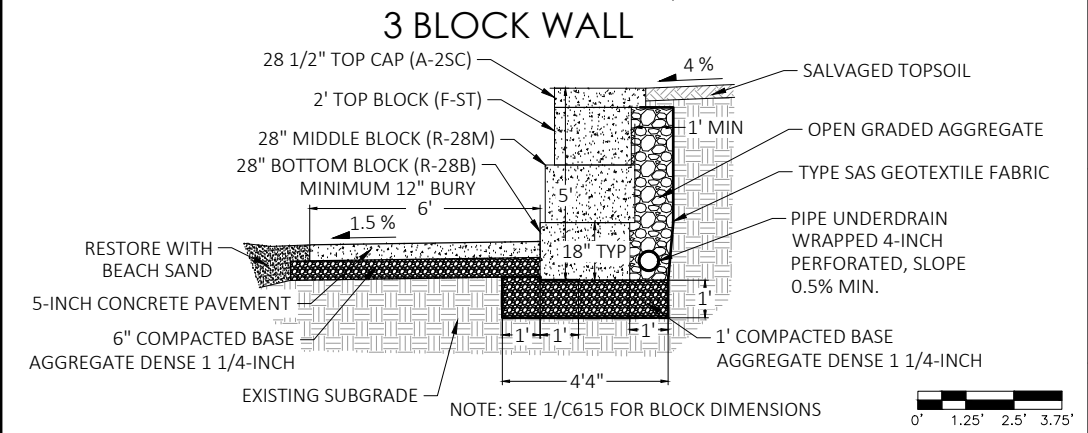
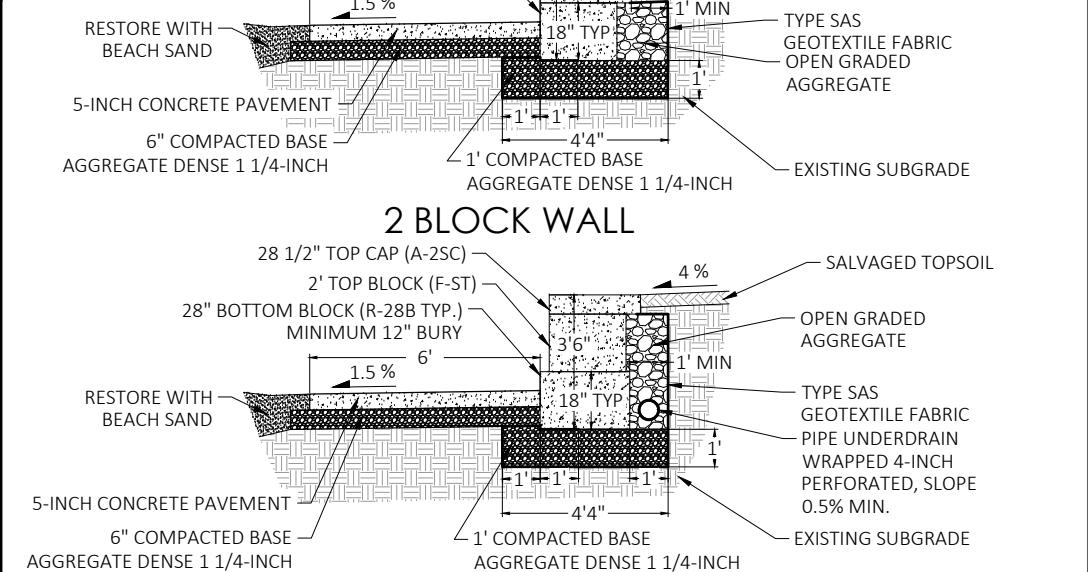
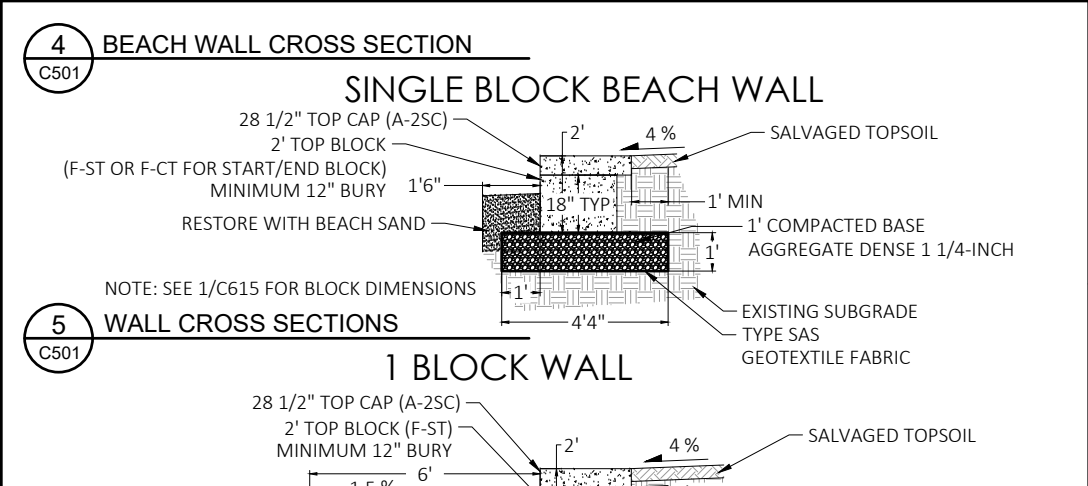
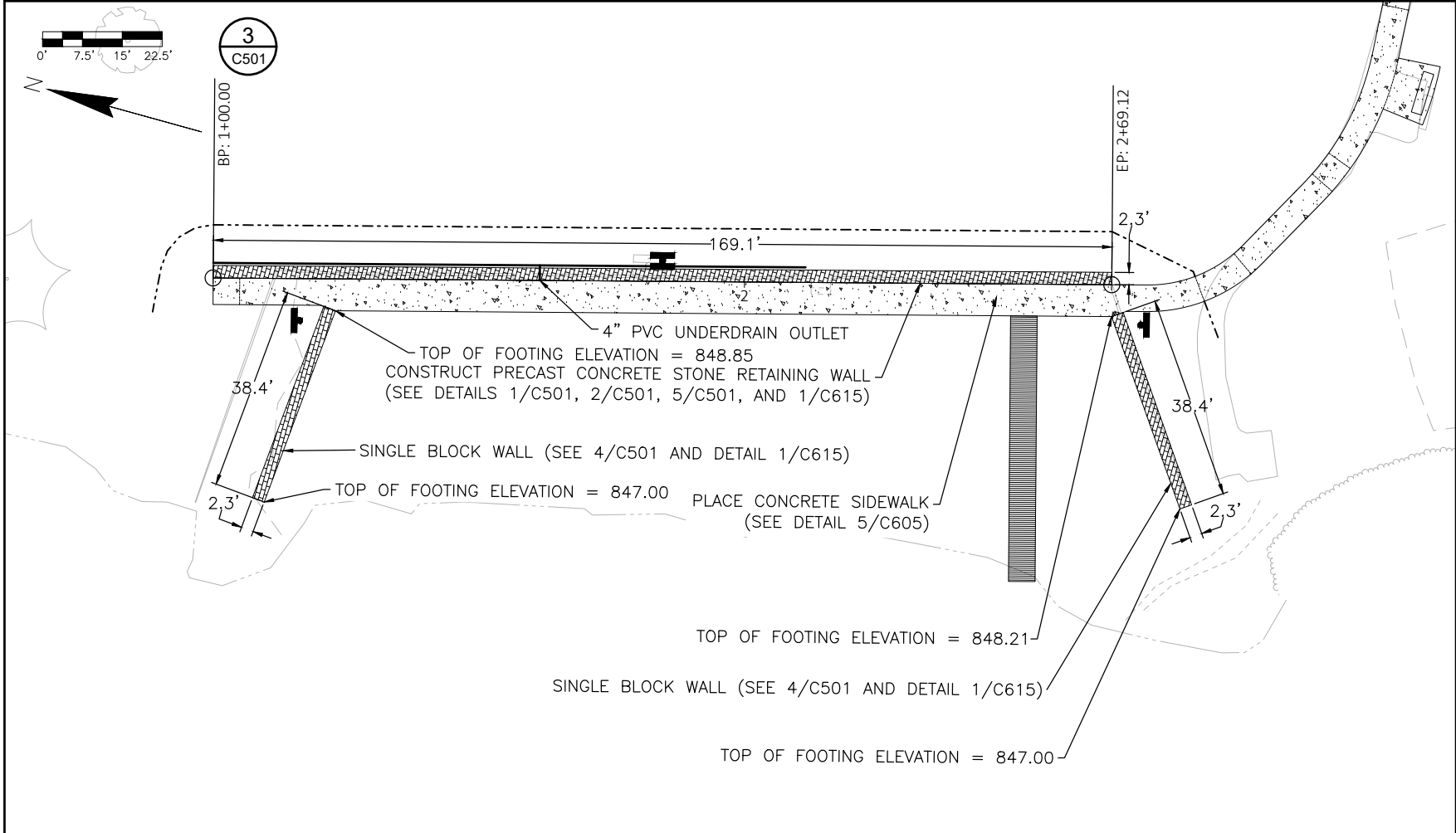
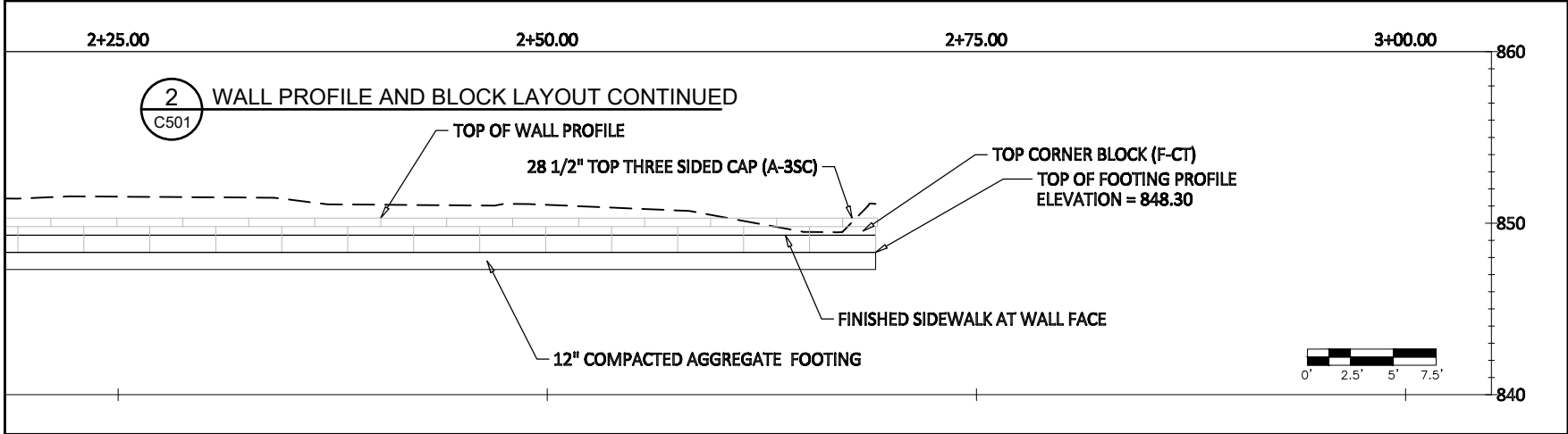
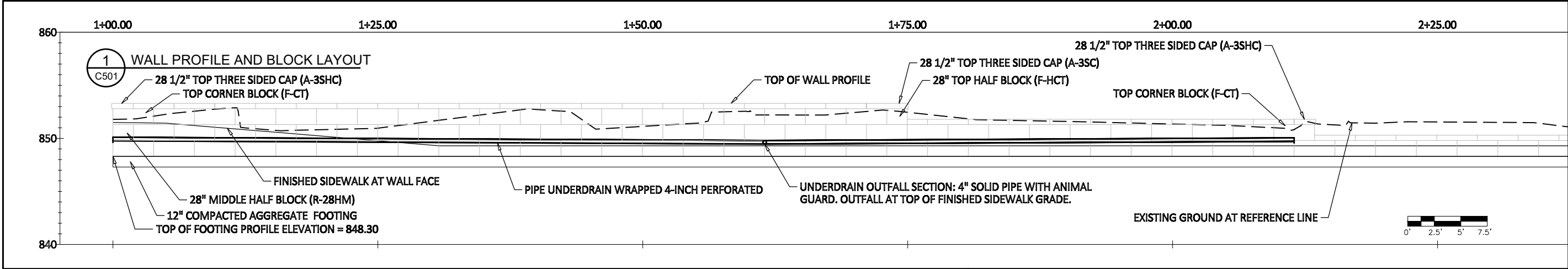
11/12/2025

Sheet  
Number

C453







**Kapur**

4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

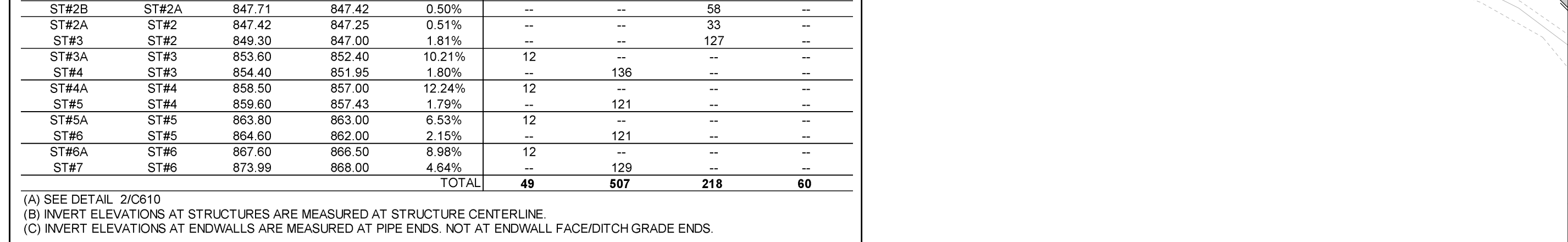
State of Wisconsin  
Department of Administration  
Division of Facilities Development

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
WALL STRUCTURES

| Revisions: |       |              |
|------------|-------|--------------|
| No.        | Date: | Description: |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |

|               |            |
|---------------|------------|
| Graphic Scale | VARIES     |
| DFD Number    | 24E7Z      |
| Set Type      | BD         |
| Date Issued   | 11/12/2025 |
| Sheet Number  | C501       |

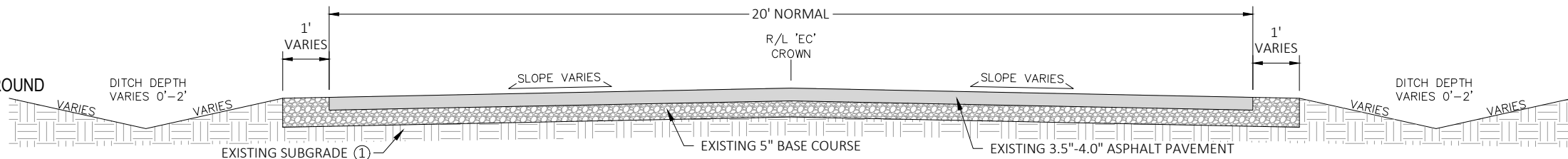


STRUCTURE SCHEDULE NOTES:

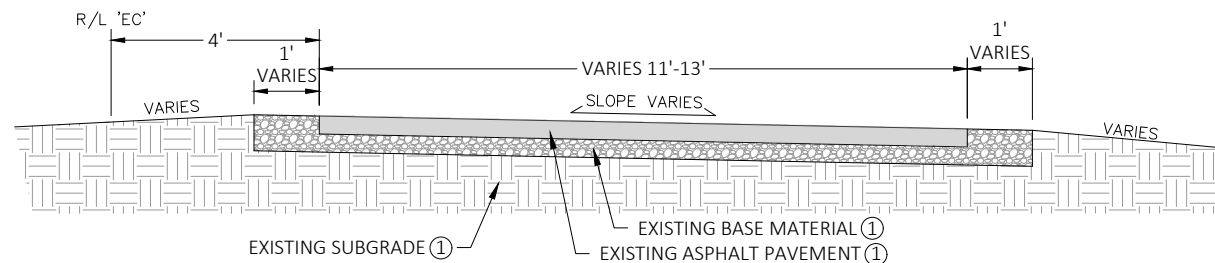
- (A) CASTING ELEVATION IS THE FLANGE FOR INLET COVERS R-3067
- (B) TOP OF STRUCTURE ELEVATION IS ASSUMING 4" OF ADJUSTING RINGS WILL BE USED FOR STRUCTURES  
TOP STRUCTURE ELEVATION = CASTING ELEVATION - CASTING - RINGS
- (C) INVERT ELEVATIONS AT STRUCTURES ARE MEASURED AT STRUCTURE CENTERLINE.
- (D) INVERT ELEVATIONS AT ENDWALLS ARE MEASURED AT PIPE ENDS. NOT AT ENDWALL FACE/DITCH GRADE ENDS.
- (E) VERIFY ALL STRUCTURE DEPTHS PRIOR TO ORDERING PRECAST STORM SEWER STRUCTURES.
- (F) SEE DETAIL 1/C610 AND 1/C611  
NOTE: R-3067 REQUIRES 2'X3' RECTANGULAR OPENING AND R-2560 REQUIRES 2' DIA OPENING)
- (G) SEE DETAIL 3/C609 AND 3/C610
- (H) SEE DETAIL 1/C607

(A) SEE DETAIL 2/C610  
(B) INVERT ELEVATIONS AT STRUCTURES ARE MEASURED AT STRUCTURE CENTERLINE.  
(C) INVERT ELEVATIONS AT ENDWALLS ARE MEASURED AT PIPE ENDS. NOT AT ENDWALL FACE/DITCH GRADE ENDS.

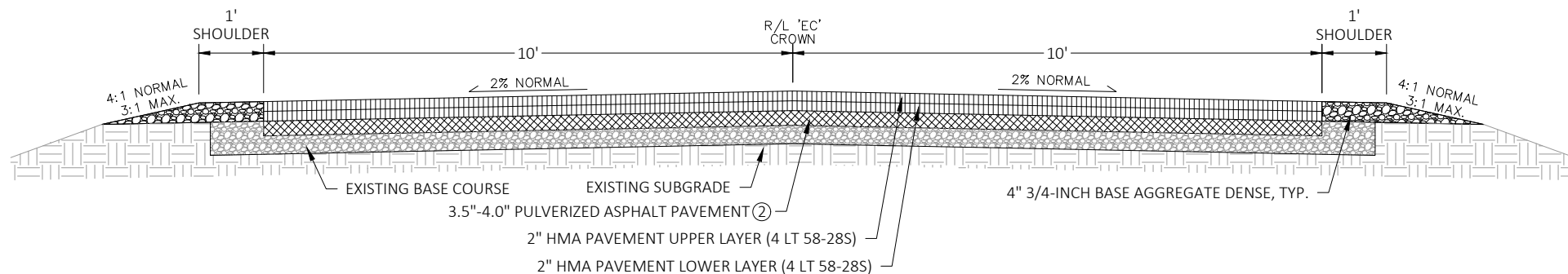
EXISTING TYPICAL SECTION  
ENTRANCE RD. AND CLIFFWOOD CAMPGROUND  
STA. 100+00 'EC' - STA. 139+05 'EC'



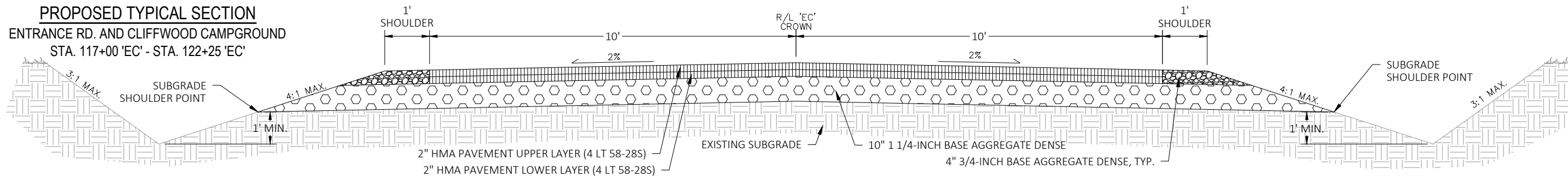
EXISTING TYPICAL SECTION  
ENTRANCE RD. AND CLIFFWOOD CAMPGROUND  
STA. 139+05 'EC' - STA. 142+45 'EC'



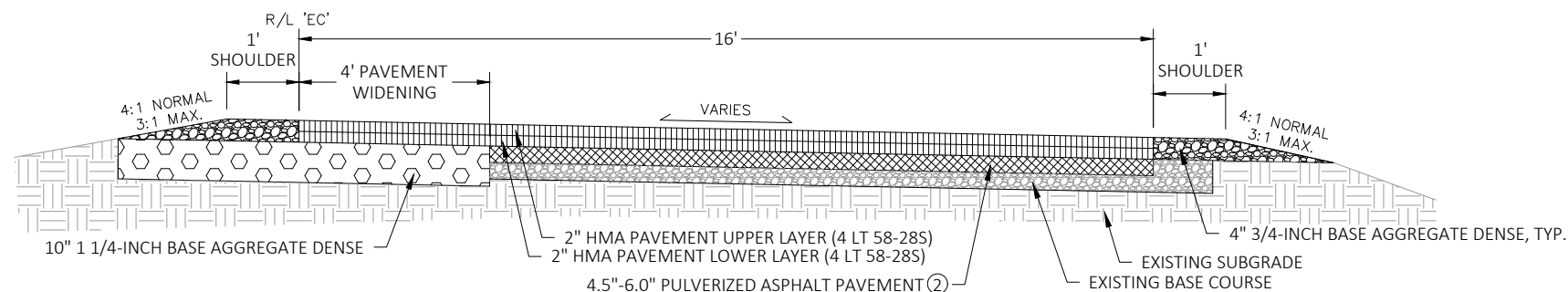
PROPOSED TYPICAL SECTION  
ENTRANCE RD. AND CLIFFWOOD CAMPGROUND  
STA. 100+00 'EC' - STA. 117+00 'EC'  
STA. 122+25 'EC' - STA. 139+05 'EC'



PROPOSED TYPICAL SECTION  
ENTRANCE RD. AND CLIFFWOOD CAMPGROUND  
STA. 117+00 'EC' - STA. 122+25 'EC'



PROPOSED TYPICAL SECTION  
ENTRANCE RD. AND CLIFFWOOD CAMPGROUND  
STA. 139+05 'EC' - STA. 142+45 'EC'



- KEYED NOTES:
- SEE GEOTECHNICAL REPORTS FOR PAVEMENT, BASE, AND SUBGRADE INFORMATION.
  - VARY THE PULVERIZATION DEPTH SUCH THAT THE EXISTING ASPHALT IS FULLY PULVERIZED AND THE NATIVE SOIL AND THE PULVERIZED MATERIAL DO NOT MIX.

1  
C600

TYPICAL SECTIONS - ENTRANCE RD. AND CLIFFWOOD CAMPGROUND

NTS

Kapur

4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
CIVIL DETAILS

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

Graphic  
Scale



DFD  
Number

24E7Z

Set  
Type

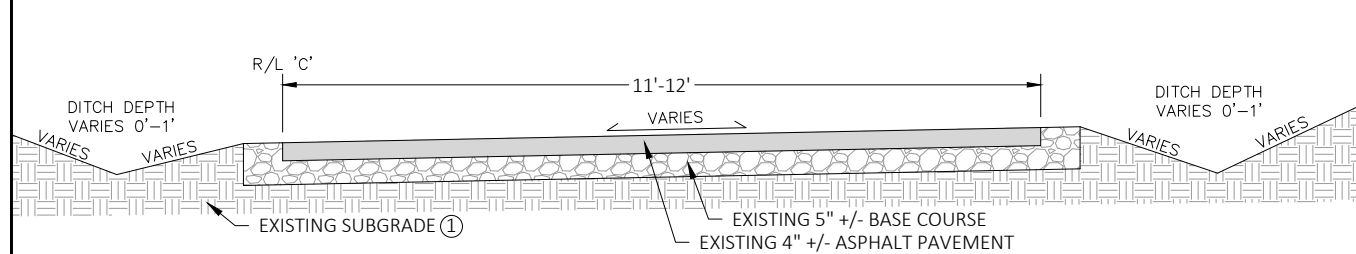
BD

Date  
Issued

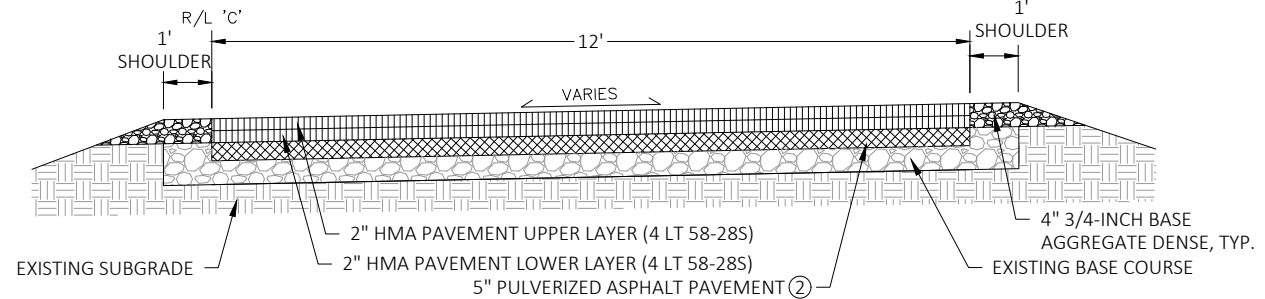
11/12/2025

Sheet  
Number

C600



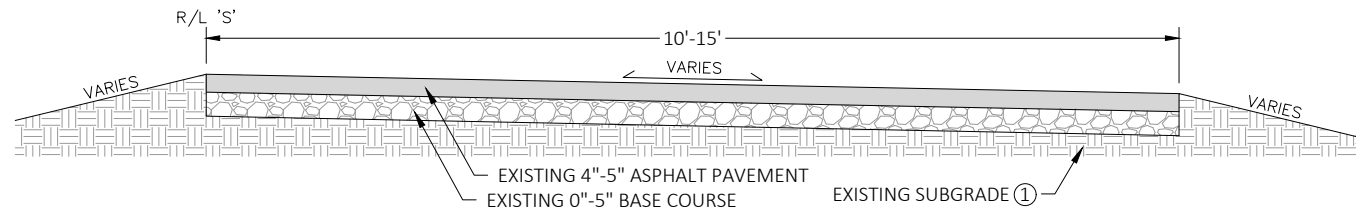
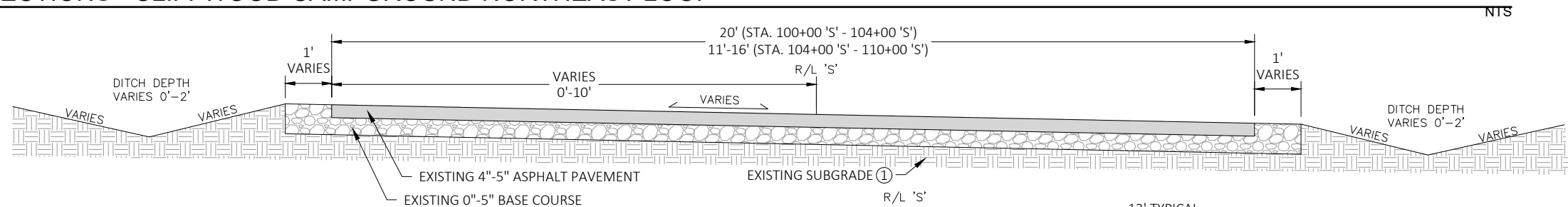
**EXISTING TYPICAL SECTION**  
CLIFFWOOD CAMPGROUND NORTHEAST LOOP  
STA. 50+25 'C' - STA. 55+00 'C'



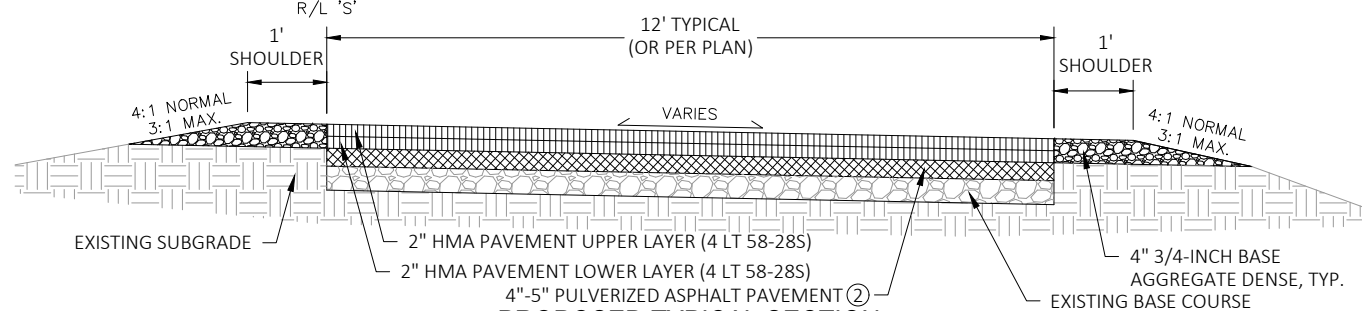
**PROPOSED TYPICAL SECTION**  
CLIFFWOOD CAMPGROUND NORTHEAST LOOP  
STA. 50+25 'C' - STA. 55+00 'C'

**1**  
C601  
**TYPICAL SECTIONS - CLIFFWOOD CAMPGROUND NORTHEAST LOOP**

**EXISTING TYPICAL SECTION**  
SANDSTONE RIDGE CAMPGROUND  
STA. 100+00 'S' - STA. 110+00 'S'

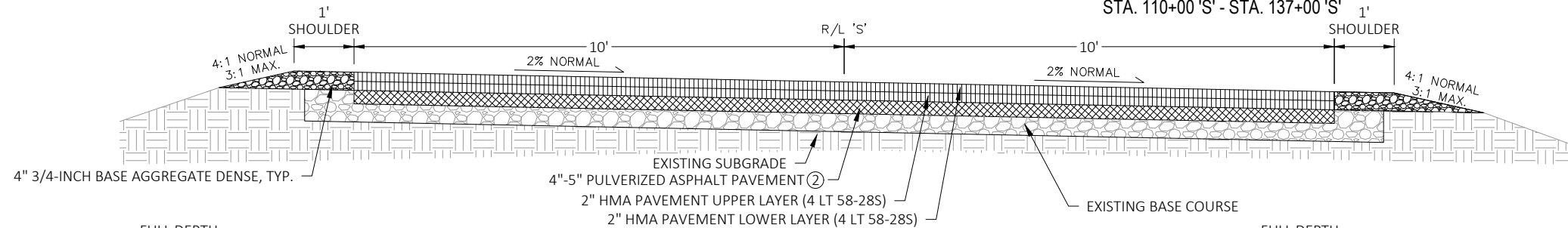


**EXISTING TYPICAL SECTION**  
SANDSTONE RIDGE CAMPGROUND  
STA. 110+00 'S' - STA. 137+00 'S'

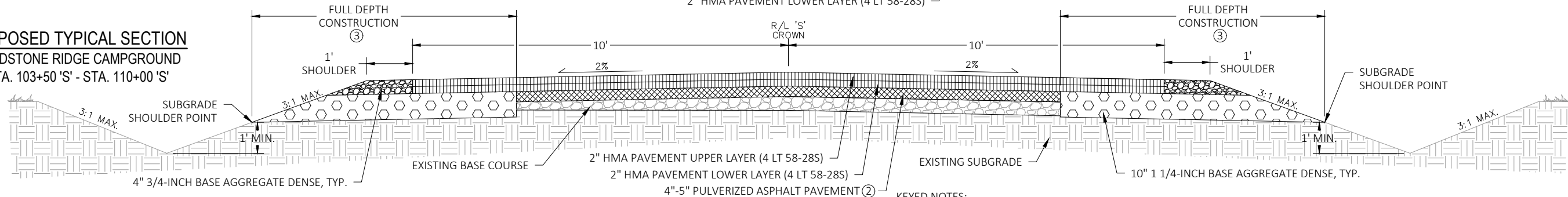


**PROPOSED TYPICAL SECTION**  
SANDSTONE RIDGE CAMPGROUND  
STA. 110+00 'S' - STA. 137+00 'S'

**PROPOSED TYPICAL SECTION**  
SANDSTONE RIDGE CAMPGROUND  
STA. 100+00 'S' - STA. 103+50 'S'



**PROPOSED TYPICAL SECTION**  
SANDSTONE RIDGE CAMPGROUND  
STA. 103+50 'S' - STA. 110+00 'S'



- KEYED NOTES:**
- SEE GEOTECHNICAL REPORTS FOR PAVEMENT, BASE, AND SUBGRADE INFORMATION.
  - VARY THE PULVERIZATION DEPTH SUCH THAT THE EXISTING ASPHALT IS FULLY PULVERIZED AND THE NATIVE SOIL AND THE PULVERIZED MATERIAL DO NOT MIX.
  - USE FULL DEPTH CONSTRUCTION SECTION FOR THE WIDTH OF ROADWAY OUTSIDE EXISTING PAVEMENT LIMITS.

**2**  
C601  
**TYPICAL SECTIONS - SANDSTONE RIDGE CAMPGROUND**



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



E10320 FERN DELL RD  
BARABOO, WI 53913

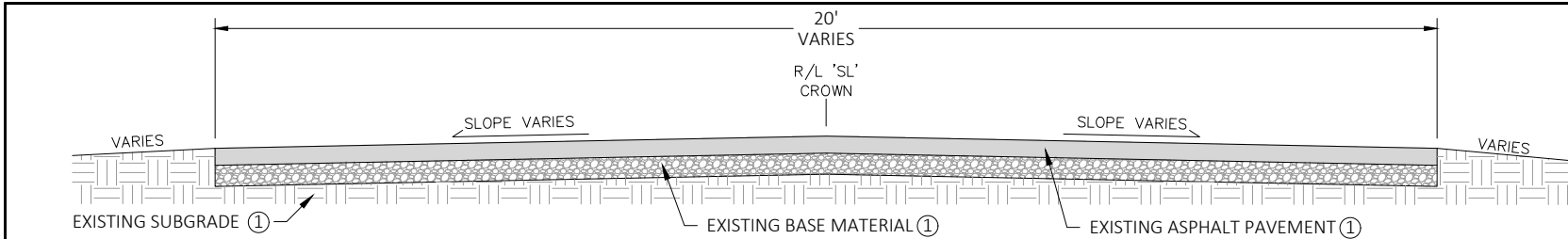
MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
CIVIL DETAILS

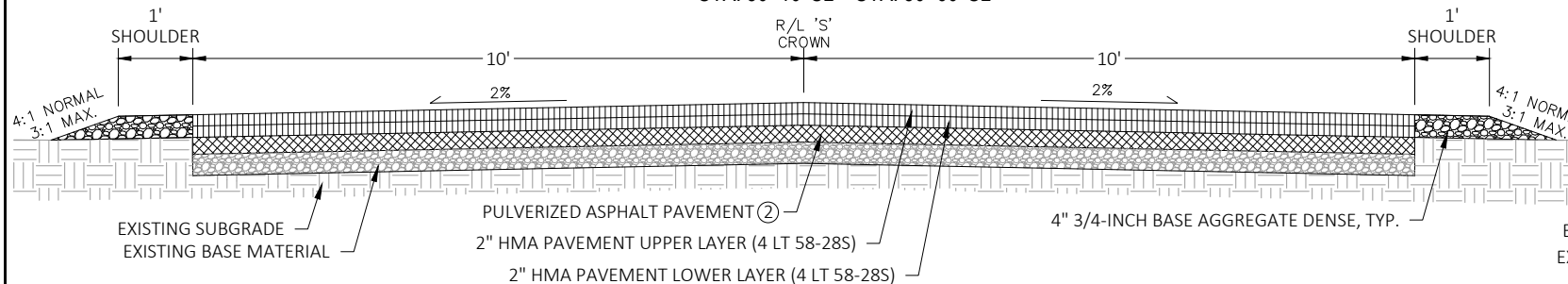
| Revisions: |       |              |
|------------|-------|--------------|
| No.        | Date: | Description: |
|            |       |              |
|            |       |              |
|            |       |              |

|               |            |
|---------------|------------|
| Graphic Scale |            |
| DFD Number    | 24E7Z      |
| Set Type      | BD         |
| Date Issued   | 11/12/2025 |
| Sheet Number  | C601       |

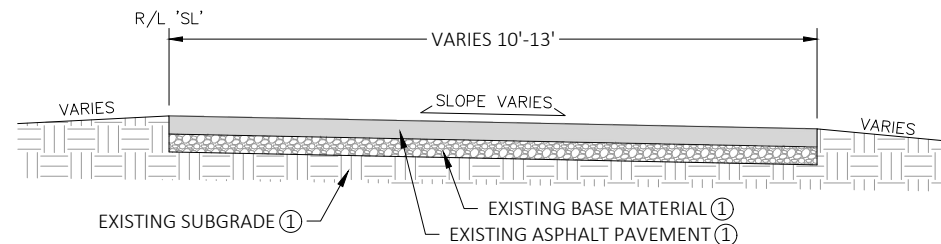




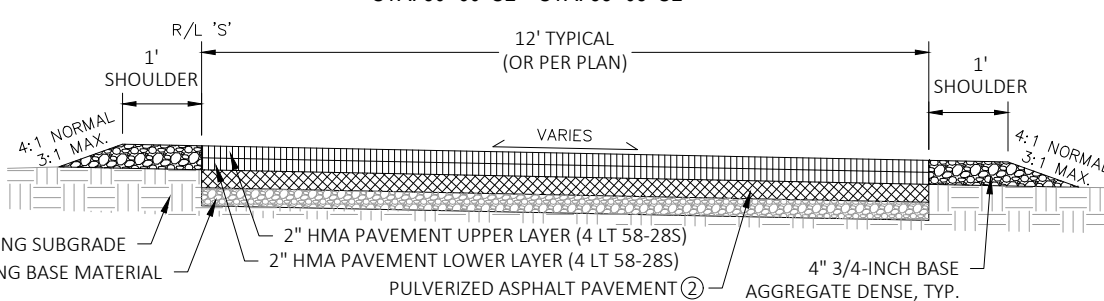
**EXISTING TYPICAL SECTION**  
SANDSTONE RIDGE CAMPGROUND - UPPER LOOP  
STA. 50+10 'SL' - STA. 50+60 'SL'



**PROPOSED TYPICAL SECTION**  
SANDSTONE RIDGE CAMPGROUND - UPPER LOOP  
STA. 50+10 'SL' - STA. 50+60 'SL'



**EXISTING TYPICAL SECTION**  
SANDSTONE RIDGE CAMPGROUND - UPPER LOOP  
STA. 50+60 'SL' - STA. 55+05 'SL'



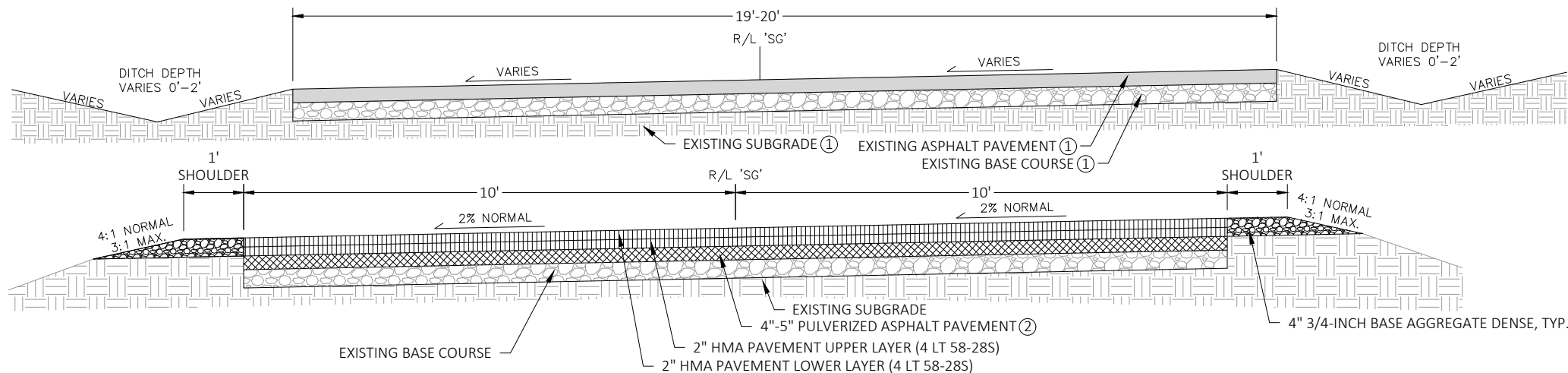
**PROPOSED TYPICAL SECTION**  
SANDSTONE RIDGE CAMPGROUND - UPPER LOOP  
STA. 50+60 'SL' - STA. 55+05 'SL'

- KEYED NOTES:
- ① SEE GEOTECHNICAL REPORTS FOR PAVEMENT, BASE, AND SUBGRADE INFORMATION.
  - ② VARY THE PULVERIZATION DEPTH SUCH THAT THE EXISTING ASPHALT IS FULLY PULVERIZED AND THE NATIVE SOIL AND THE PULVERIZED MATERIAL DO NOT MIX.

**1**  
C602  
**TYPICAL SECTIONS - SANDSTONE RIDGE CAMPGROUND - UPPER LOOP**

**EXISTING TYPICAL SECTION**  
SANDSTONE RIDGE CAMPGROUND - GROUP SITES  
STA. 48+00 'SG' - STA. 49+90 'SG'

**PROPOSED TYPICAL SECTION**  
SANDSTONE RIDGE CAMPGROUND - GROUP SITES  
STA. 48+00 'SG' - STA. 49+90 'SG'



- KEYED NOTES:
- ① SEE GEOTECHNICAL REPORTS FOR PAVEMENT, BASE, AND SUBGRADE INFORMATION.
  - ② VARY THE PULVERIZATION DEPTH SUCH THAT THE EXISTING ASPHALT IS FULLY PULVERIZED AND THE NATIVE SOIL AND THE PULVERIZED MATERIAL DO NOT MIX.

**2**  
C602  
**TYPICAL SECTIONS - SANDSTONE RIDGE CAMPGROUND - GROUP SITES**

| CLIFFWOOD ENTRANCE ROAD 'EC' ALIGNMENT      |        |             |        | CLIFFWOOD ENTRANCE ROAD 'EC' ALIGNMENT CONT. |        |             |        | BOAT LAUNCH ROAD 'B' ALIGNMENT  |       |             |        | BOAT LAUNCH ROAD 'B' ALIGNMENT CONT. |       |             |        | SANDSTONE ROAD 'S' ALIGNMENT |        |             |        | SANDSTONE UPPER LOOP ROAD 'CL' ALIGNMENT |       |             |        | SANDSTONE CENTER ROAD 'SC' ALIGNMENT |       |             |        |
|---------------------------------------------|--------|-------------|--------|----------------------------------------------|--------|-------------|--------|---------------------------------|-------|-------------|--------|--------------------------------------|-------|-------------|--------|------------------------------|--------|-------------|--------|------------------------------------------|-------|-------------|--------|--------------------------------------|-------|-------------|--------|
| SUPERELEVATION POINT                        |        | CROSS SLOPE |        | SUPERELEVATION POINT                         |        | CROSS SLOPE |        | SUPERELEVATION POINT            |       | CROSS SLOPE |        | SUPERELEVATION POINT                 |       | CROSS SLOPE |        | SUPERELEVATION POINT         |        | CROSS SLOPE |        | SUPERELEVATION POINT                     |       | CROSS SLOPE |        | SUPERELEVATION POINT                 |       | CROSS SLOPE |        |
| LEFT                                        | RIGHT  | LEFT        | RIGHT  | LEFT                                         | RIGHT  | LEFT        | RIGHT  | LEFT                            | RIGHT | LEFT        | RIGHT  | LEFT                                 | RIGHT | LEFT        | RIGHT  | LEFT                         | RIGHT  | LEFT        | RIGHT  | LEFT                                     | RIGHT | LEFT        | RIGHT  | LEFT                                 | RIGHT | LEFT        | RIGHT  |
| BEGIN PROJECT, BEGIN PAVING, MATCH EXISTING | 100+00 | -0.36%      | -2.34% | BEGIN FULL SUPERELEVATION                    | 136+75 | -4.00%      | 4.00%  | BEGIN PROJECT, BEGIN PAVING     | 35+98 | 0.00%       | 0.00%  | PARKING LOT, CROSS SLOPE VARIES      | 37+80 | VARIES      | 1.00%  | BEGIN PROJECT, BEGIN PAVING  | 99+96  | 4.24%       | -4.24% | BEGIN PROJECT, BEGIN PAVING              | 50+03 | 3.80%       | -3.80% | BEGIN PROJECT, BEGIN PAVING          | 50+00 | -3.75%      | 3.75%  |
| BEGIN NORMAL CROWN                          | 100+38 | -2.00%      | -2.00% | END FULL SUPERELEVATION                      | 137+25 | -4.00%      | 4.00%  | PARKING LOT, CROSS SLOPE VARIES | 36+01 | 0.00%       | 0.00%  | PARKING LOT, CROSS SLOPE VARIES      | 38+30 | VARIES      | -2.00% | END SUPERELEVATION           | 100+06 | 4.24%       | -4.24% | BEGIN FULL SUPERELEVATION                | 50+10 | 3.81%       | -3.81% | END FULL SUPERELEVATION              | 50+00 | -3.76%      | 3.76%  |
| END NORMAL CROWN                            | 102+50 | -2.00%      | -2.00% | REVERSE CROWN                                | 137+61 | -2.00%      | 2.00%  | PARKING LOT, CROSS SLOPE VARIES | 36+31 | 0.00%       | 0.00%  | PARKING LOT, CROSS SLOPE VARIES      | 39+30 | 2.00%       | -2.00% | BEGIN NORMAL CROWN           | 101+18 | -2.00%      | -2.00% | END FULL SUPERELEVATION                  | 50+13 | 3.81%       | -3.81% | BEGIN NORMAL CROWN                   | 50+66 | -2.00%      | -2.00% |
| BEGIN REVERSE CROWN                         | 103+25 | -2.00%      | 2.00%  | BEGIN NORMAL CROWN                           | 138+33 | -2.00%      | -2.00% | PARKING LOT, CROSS SLOPE VARIES | 36+51 | -12.00%     | VARIES | PARKING LOT, CROSS SLOPE VARIES      | 43+10 | 2.00%       | -2.00% | END NORMAL CROWN             | 109+44 | -2.00%      | -2.00% | SUPERELEVATION TRANSITION                | 50+40 | 2.00%       | VARIES | END NORMAL CROWN                     | 52+90 | -2.00%      | -2.00% |
| END REVERSE CROWN                           | 104+75 | -2.00%      | 2.00%  | END NORMAL CROWN                             | 139+60 | -2.00%      | -2.00% | PARKING LOT, CROSS SLOPE VARIES | 36+63 | -12.00%     | 2.00%  | BEGIN NORMAL CROWN                   | 43+90 | -2.00%      | -2.00% | BEGIN REVERSE CROWN          | 110+16 | 2.00%       | -2.00% | BEGIN REVERSE CROWN                      | 50+41 | 2.00%       | -2.00% | PARKING LOT, CROSS SLOPE VARIES      | 53+00 | -1.00%      | 1.00%  |
| BEGIN NORMAL CROWN                          | 105+50 | -2.00%      | -2.00% | REVERSE CROWN, PLANAR THROUGH LOOP           | 140+32 | N/A         | 2.00%  | PARKING LOT, CROSS SLOPE VARIES | 36+73 | -12.00%     | VARIES | BEGIN FULL SUPERELEVATION            | 46+18 | -2.00%      | -2.00% | END REVERSE CROWN            | 121+25 | 2.00%       | -2.00% | PLANAR ROADWAY                           | 53+50 | N/A         | -2.00% | PARKING LOT, CROSS SLOPE VARIES      | 53+36 | -1.00%      | 1.00%  |
| END NORMAL CROWN                            | 107+20 | -2.00%      | -2.00% | REVERSE CROWN, PLANAR THROUGH LOOP           | 141+00 | N/A         | 2.00%  | PARKING LOT, CROSS SLOPE VARIES | 36+83 | VARIES      | 5.00%  | REVERSE CROWN                        | 46+73 | 2.00%       | -2.00% | PLANAR ROADWAY               | 121+42 | N/A         | -3.07% | PLANAR ROADWAY                           | 53+75 | N/A         | 2.00%  | PARKING LOT, CROSS SLOPE VARIES      | 53+54 | -1.00%      | 0.00%  |
| BEGIN REVERSE CROWN                         | 108+00 | 2.00%       | -2.00% | REVERSE CROWN, PLANAR THROUGH LOOP           | 141+45 | N/A         | -1.00% | PARKING LOT, CROSS SLOPE VARIES | 36+90 | -6.00%      | VARIES | BEGIN FULL SUPERELEVATION            | 47+03 | 4.00%       | -4.00% | PLANAR ROADWAY               | 121+50 | N/A         | -2.96% | PLANAR ROADWAY                           | 55+10 | N/A         | 2.00%  | PARKING LOT, CROSS SLOPE VARIES      | 53+70 | -1.00%      | 0.00%  |
| END REVERSE CROWN                           | 109+20 | 2.00%       | -2.00% | REVERSE CROWN, PLANAR THROUGH LOOP           | 142+10 | N/A         | -1.00% | PARKING LOT, CROSS SLOPE VARIES | 37+03 | VARIES      | 2.00%  | END FULL SUPERELEVATION              | 48+08 | 4.00%       | -4.00% | PLANAR ROADWAY               | 121+60 | N/A         | -3.37% | END PROJECT, END PAVING                  | 55+21 | 1.45%       | 2.00%  | SUPERELEVATION TRANSITION            | 53+76 | VARIES      | 0.00%  |
| BEGIN NORMAL CROWN                          | 110+00 | -2.00%      | -2.00% | REVERSE CROWN, PLANAR THROUGH LOOP           | 142+25 | N/A         | -2.00% | PARKING LOT, CROSS SLOPE VARIES | 37+05 | -1.00%      | VARIES | REVERSE CROWN                        | 48+38 | 2.00%       | -2.00% | PLANAR ROADWAY               | 121+75 | N/A         | -2.76% | SUPERELEVATION TRANSITION                | 53+80 | -2.00%      | VARIES | BEGIN NORMAL CROWN                   | 53+96 | -2.00%      | -2.00% |
| END NORMAL CROWN                            | 135+47 | -2.00%      | -2.00% | END PROJECT, END PAVING                      | 142+72 | -2.00%      | -2.00% | PARKING LOT, CROSS SLOPE VARIES | 37+18 | -1.00%      | 1.00%  | BEGIN NORMAL CROWN                   | 49+03 | -2.00%      | -2.00% | PLANAR ROADWAY               | 122+00 | N/A         | -2.49% | END NORMAL CROWN                         | 54+50 | -2.00%      | -2.00% | END NORMAL CROWN                     | 54+80 | 2.00%       | -2.00% |
| REVERSE CROWN                               | 136+39 | -2.00%      | 2.00%  |                                              |        |             |        | PARKING LOT, CROSS SLOPE VARIES | 37+70 | -1.00%      | 1.00%  | END PROJECT, END PAVING              | 50+00 | -2.00%      | -2.00% | PLANAR ROADWAY               | 122+30 | N/A         | -3.39% | BEGIN REVERSE CROWN                      | 54+89 | 2.00%       | -2.00% | END PROJECT, END PAVING              | 54+89 | 2.00%       | -2.00% |

**3**  
C602  
**SUPERELEVATION TABLES**

NTS



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
CIVIL DETAILS

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |

Graphic Scale



DFD Number

24E7Z

Set Type

BD

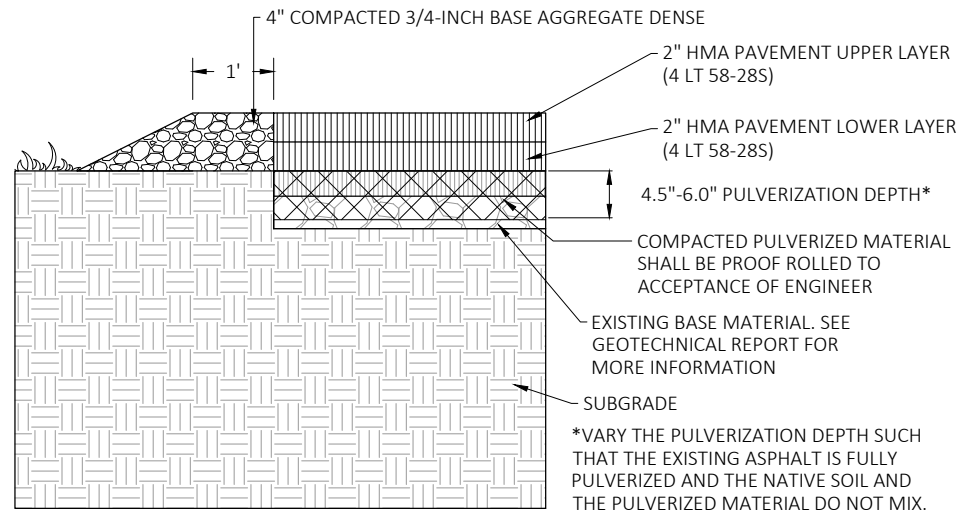
Date Issued

11/12/2025

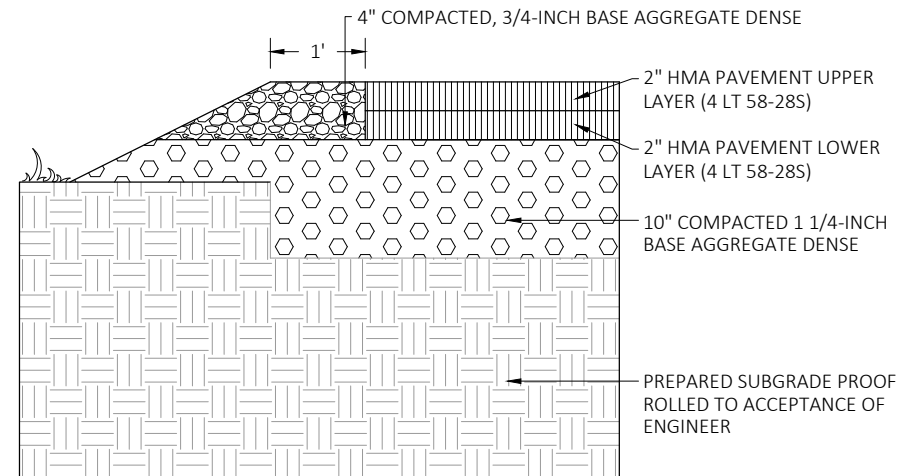
Sheet Number

C602





ASPHALT OVER PULVERIZED MATERIAL



FULL DEPTH CONSTRUCTION

(SEE NOTE 2)

NOTES:

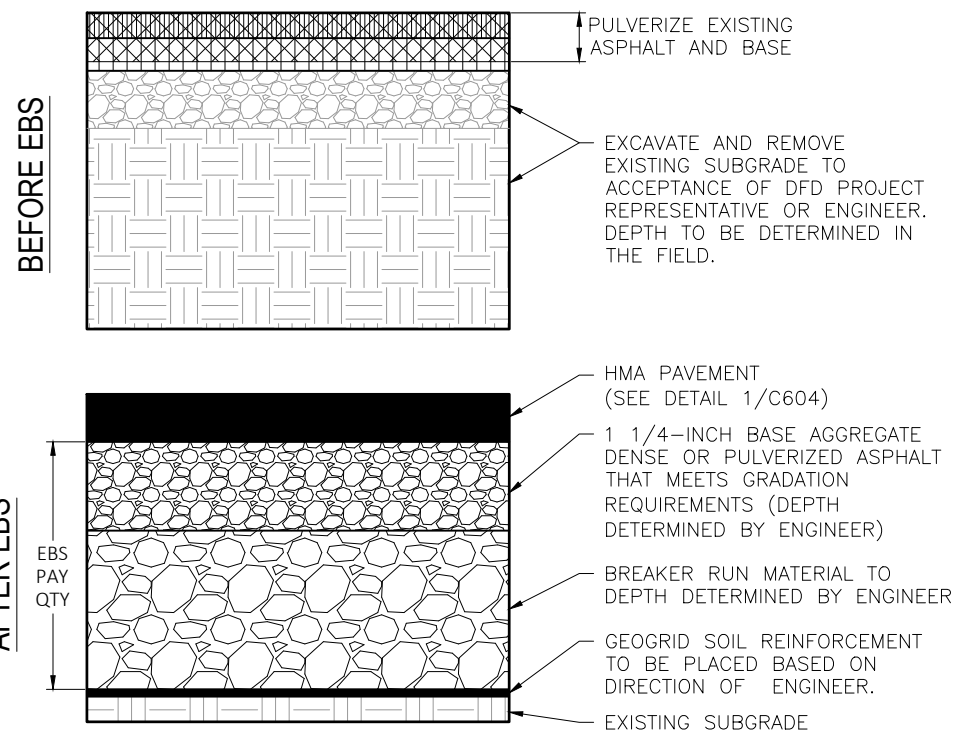
1. SEE TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. PAVEMENT AREAS OUTSIDE THE FOOTPRINT OF EXISTING PAVEMENT AND GRAVEL MUST BE PAVED WITH THE FULL DEPTH CONSTRUCTION SECTION.
3. PROVIDE ADDITIONAL 1 1/4-INCH BASE AGGREGATE DENSE AS NEEDED TO MEET REQUIRED GRADES.

1 ASPHALT PAVEMENT

NTS

GENERAL NOTES:

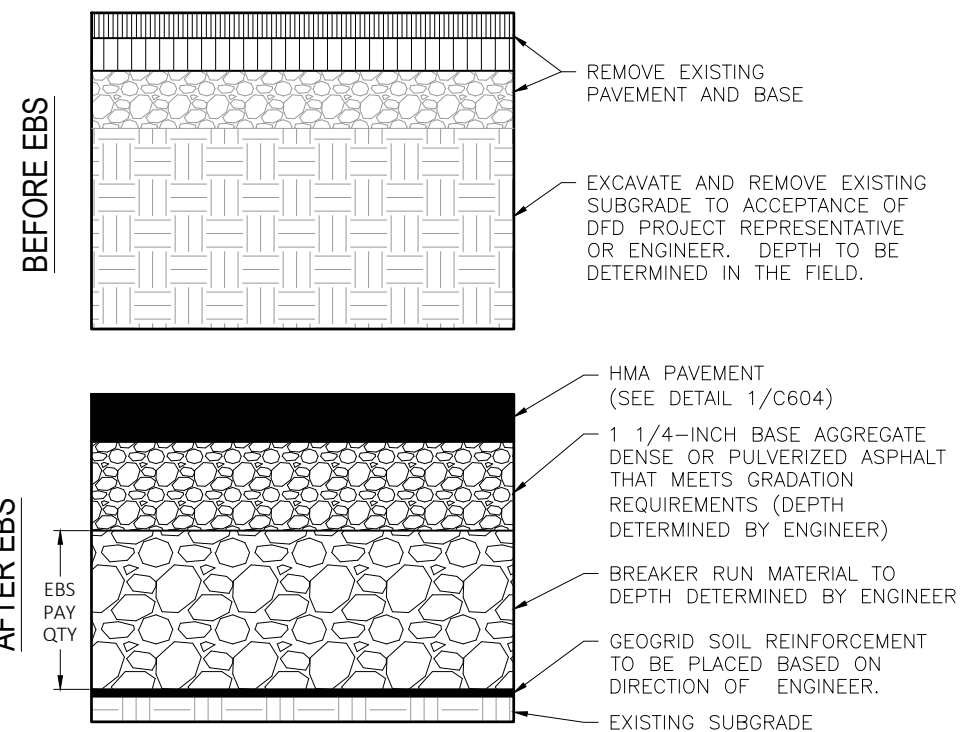
1. PRIOR TO UNDERCUTTING ANY PULVERIZED MATERIAL OR SUBGRADE, CONTACT DFD PROJECT REPRESENTATIVE OR ENGINEER TO SCHEDULE INSPECTION OF PULVERIZED MATERIAL AND PROOF ROLLING OF PULVERIZED MATERIAL.
2. FINAL DEPTH OF UNDERCUTTING OR EBS TO BE DETERMINED BY DFD PROJECT REPRESENTATIVE OR ENGINEER.
3. SEE SHEET C400, NOTES 13 & 14 FOR ADDITIONAL EXCAVATION REQUIREMENT INFORMATION.



PULVERIZED PAVEMENT AREAS

GENERAL NOTES:

1. PRIOR TO UNDERCUTTING OR PLACING ANY DENSE GRADED BASE, CONTACT ENGINEER TO SCHEDULE INSPECTION OF SUBGRADE AND PROOF ROLLING OF SUBGRADE.
2. FINAL DEPTH OF UNDERCUTTING OR EBS TO BE DETERMINED BY ENGINEER.



RECONSTRUCTED PAVEMENT AREAS

GENERAL NOTES:

1. UNDERCUT AREAS TO BE BACKFILLED WITH BREAKER RUN MATERIAL OR WITH COMBINATION OF BREAKER RUN MATERIAL AND GEOGRID SOIL REINFORCEMENT IN MAXIMUM OF 9 INCH THICK LIFTS (COMPACTED).

GENERAL NOTES:

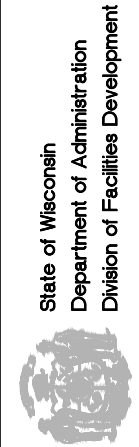
1. UNDERCUT AREAS TO BE BACKFILLED WITH BREAKER RUN MATERIAL OR WITH COMBINATION OF BREAKER RUN MATERIAL AND GEOGRID SOIL REINFORCEMENT IN MAXIMUM OF 9 INCH THICK LIFTS (COMPACTED).

2 UNDERCUTTING/EXCAVATION BELOW SUBGRADE (EBS)

NTS



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091



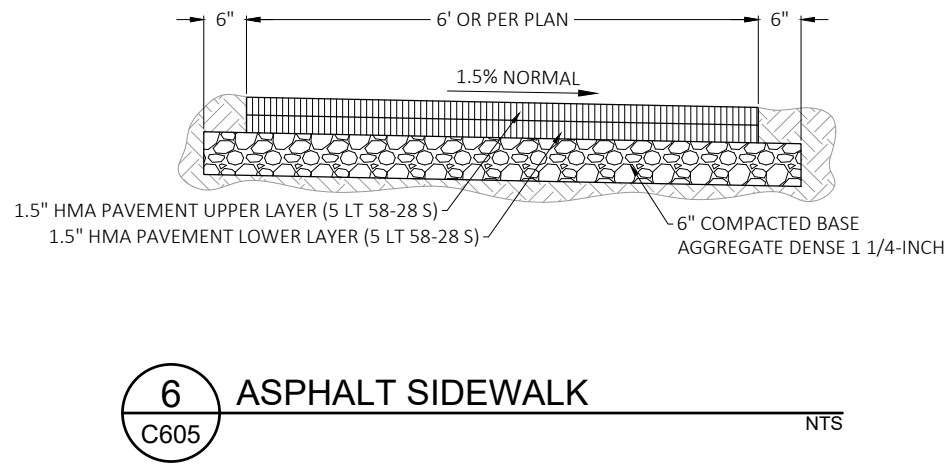
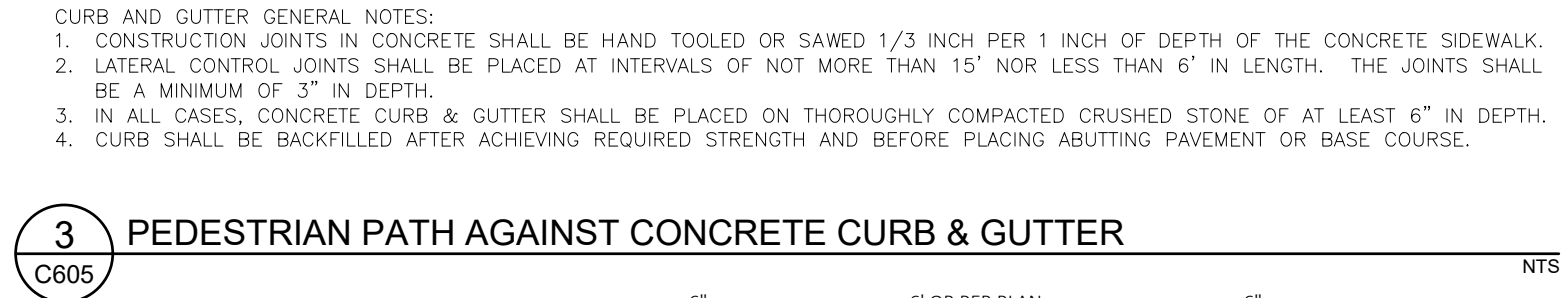
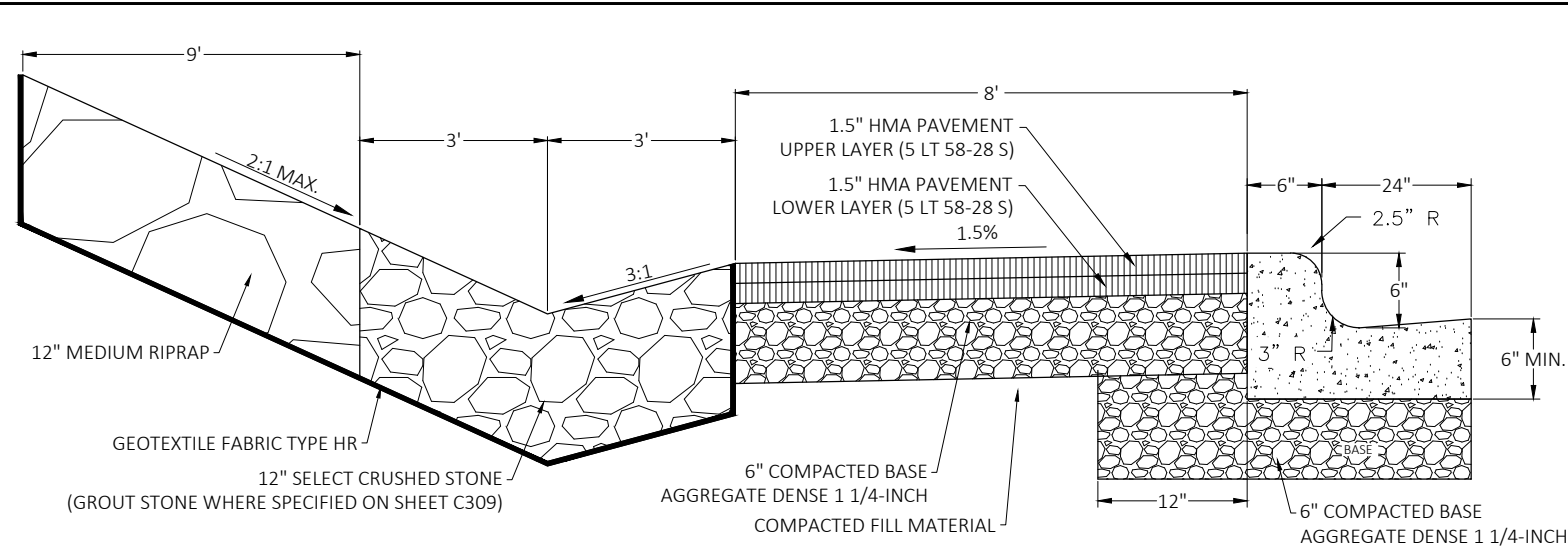
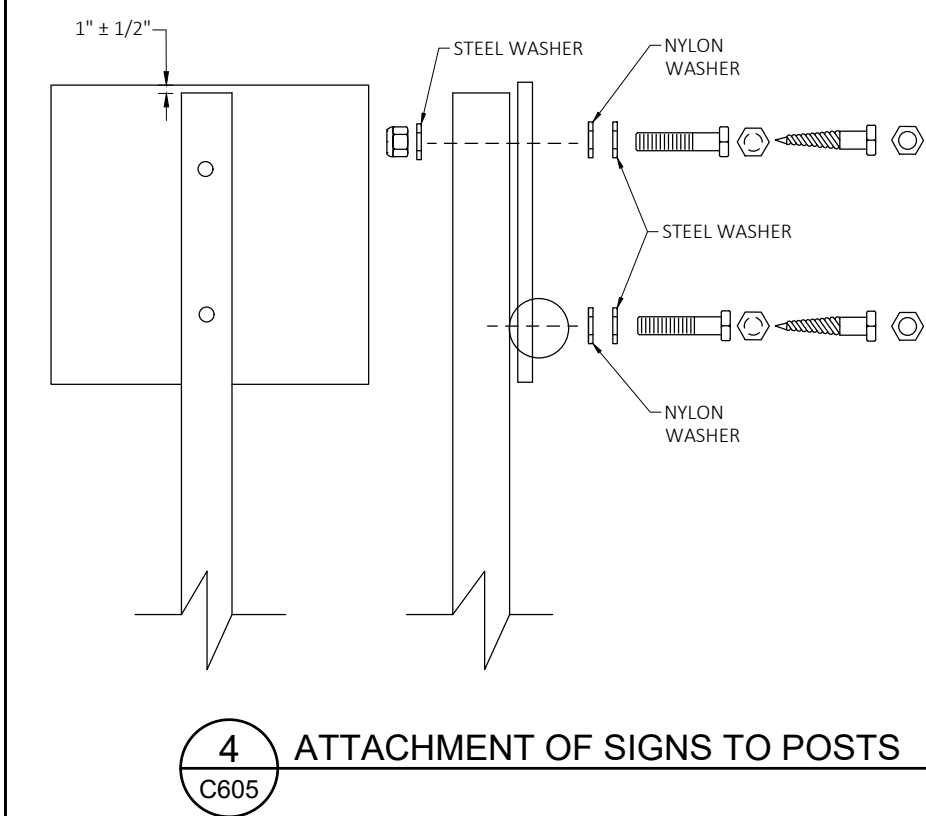
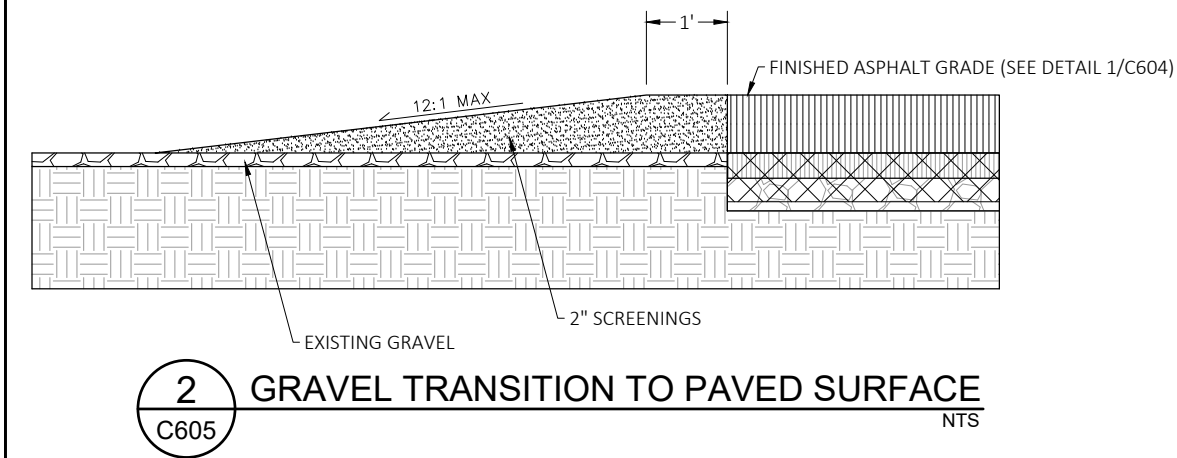
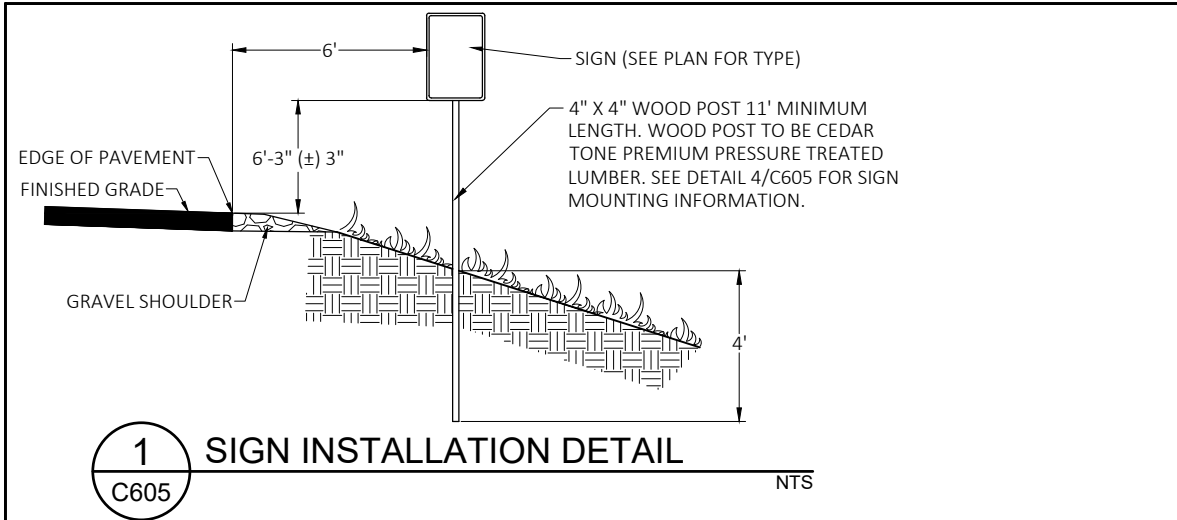
E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
CIVIL DETAILS

| Revisions: |       |              |
|------------|-------|--------------|
| No.        | Date: | Description: |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |

|               |            |
|---------------|------------|
| Graphic Scale |            |
| DFD Number    | 24E7Z      |
| Set Type      | BD         |
| Date Issued   | 11/12/2025 |
| Sheet Number  | C604       |



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
CIVIL DETAILS

| Revisions: |       |              |
|------------|-------|--------------|
| No.        | Date: | Description: |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |
|            |       |              |

Graphic Scale

NTS

DFD Number

24E7Z

Set Type

BD

Date Issued

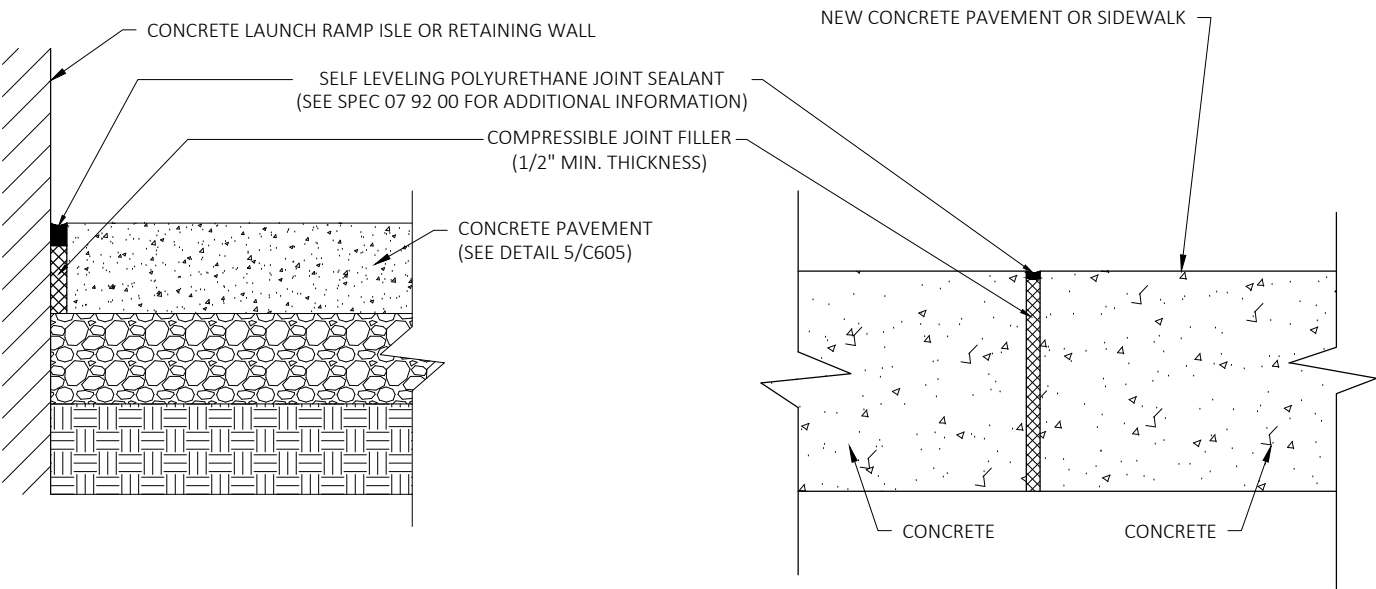
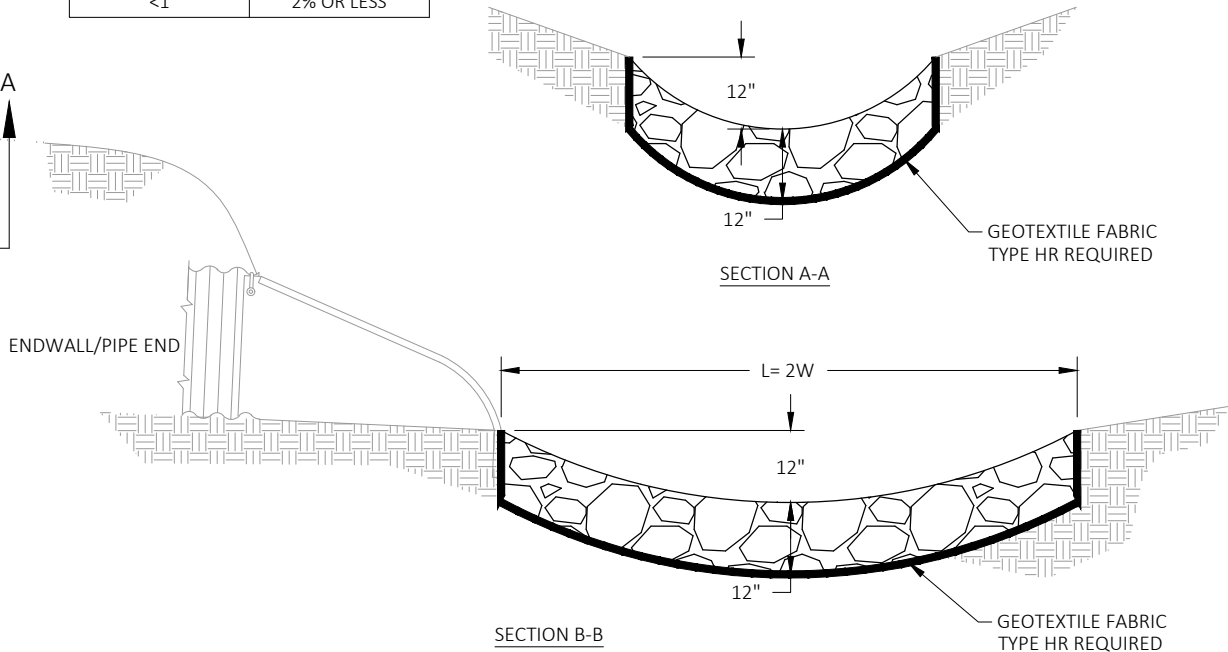
11/12/2025

Sheet Number

C605



| AVERAGE DIMENSION (INCHES) | FRACTION OF GROSS IN-PLACE VOLUME OCCUPIED BY STONES |
|----------------------------|------------------------------------------------------|
| >20                        | 0%                                                   |
| 14 - 16                    | 10 - 14%                                             |
| 11 - 14                    | 15 - 21%                                             |
| 5 - 11                     | 20 - 28%                                             |
| <5                         | 5 - 7%                                               |
| <1                         | 2% OR LESS                                           |

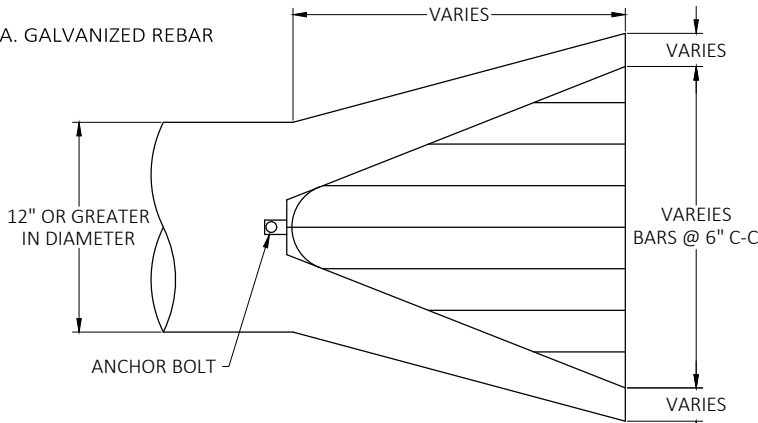


## 2 EXPANSION JOINT

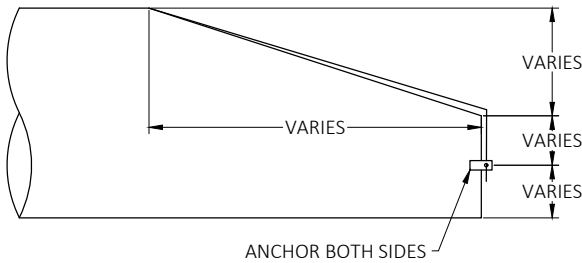
C606

NTS

3/4" DIA. GALVANIZED REBAR



TOP VIEW



SIDE VIEW

GENERAL NOTE: TRASH GUARD SHALL CONFORM TO COMM 82.36(9)3.c, MAXIMUM BAR SPACING OF 6" O.C.

## 4 TRASH GUARD AT RCP APRON ENDWALL

C606

NTS

**Kapur**

4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.673.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
CIVIL DETAILS

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

Graphic Scale



NTS

DFD Number

24E7Z

Set Type

BD

Date Issued

11/12/2025

Sheet Number

C606

## 3 MEDIUM RIPRAP INSTALLATION

C606

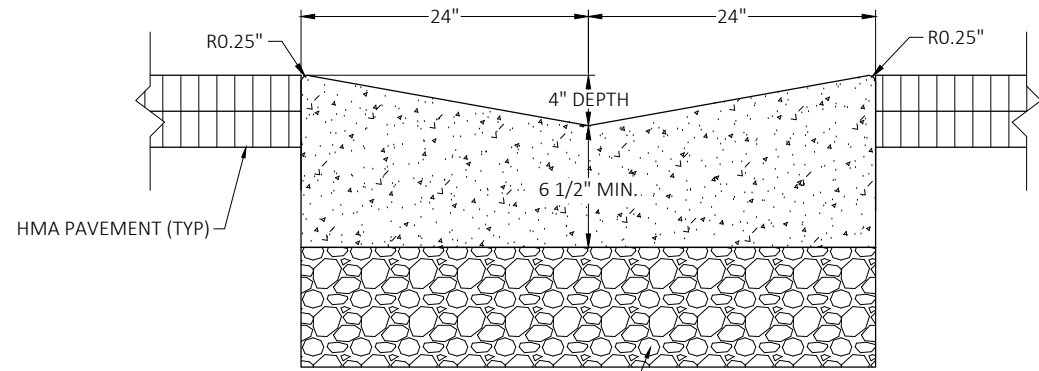
NTS







|  <p>State of Wisconsin<br/>Department of Administration<br/>Division of Facilities Development</p>                                                                                                                                                                                                        |       |                                                                                                |  <p>4654 S. BILTMORE LN.<br/>MADISON, WI 53718<br/>PHONE: 608.673.4400<br/>KAPURINC.COM/<br/>PROJECT NUMBER: 23.0091</p> |  |     |       |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----|-------|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <p><b>MIRROR LAKE PAVING<br/>MIRROR LAKE STATE PARK<br/>DEPARTMENT OF NATURAL RESOURCES<br/>BARABOO, WISCONSIN</b></p>                                                                                                                                                                                                                                                                       |       |                                                                                                |                                                                                                                                                                                                             |  |     |       |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <p>Sheet Title:<br/><b>CIVIL DETAILS</b></p>                                                                                                                                                                                                                                                                                                                                                 |       |                                                                                                |                                                                                                                                                                                                             |  |     |       |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <p>Revisions:</p> <table border="1"> <thead> <tr> <th>No.</th> <th>Date:</th> <th>Description:</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> |       |                                                                                                |                                                                                                                                                                                                             |  | No. | Date: | Description: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No.                                                                                                                                                                                                                                                                                                                                                                                          | Date: | Description:                                                                                   |                                                                                                                                                                                                             |  |     |       |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                              |       |                                                                                                |                                                                                                                                                                                                             |  |     |       |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                              |       |                                                                                                |                                                                                                                                                                                                             |  |     |       |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                              |       |                                                                                                |                                                                                                                                                                                                             |  |     |       |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                              |       |                                                                                                |                                                                                                                                                                                                             |  |     |       |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                              |       |                                                                                                |                                                                                                                                                                                                             |  |     |       |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                              |       |                                                                                                |                                                                                                                                                                                                             |  |     |       |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <p>Graphic Scale</p>                                                                                                                                                                                                                                                                                                                                                                         |       |  <p>NTS</p> |                                                                                                                                                                                                             |  |     |       |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <p>DFD Number</p>                                                                                                                                                                                                                                                                                                                                                                            |       | <p>24E7Z</p>                                                                                   |                                                                                                                                                                                                             |  |     |       |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <p>Set Type</p>                                                                                                                                                                                                                                                                                                                                                                              |       | <p>BD</p>                                                                                      |                                                                                                                                                                                                             |  |     |       |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <p>Date Issued</p>                                                                                                                                                                                                                                                                                                                                                                           |       | <p>11/12/2025</p>                                                                              |                                                                                                                                                                                                             |  |     |       |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <p>Sheet Number</p>                                                                                                                                                                                                                                                                                                                                                                          |       | <p>C608</p>                                                                                    |                                                                                                                                                                                                             |  |     |       |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

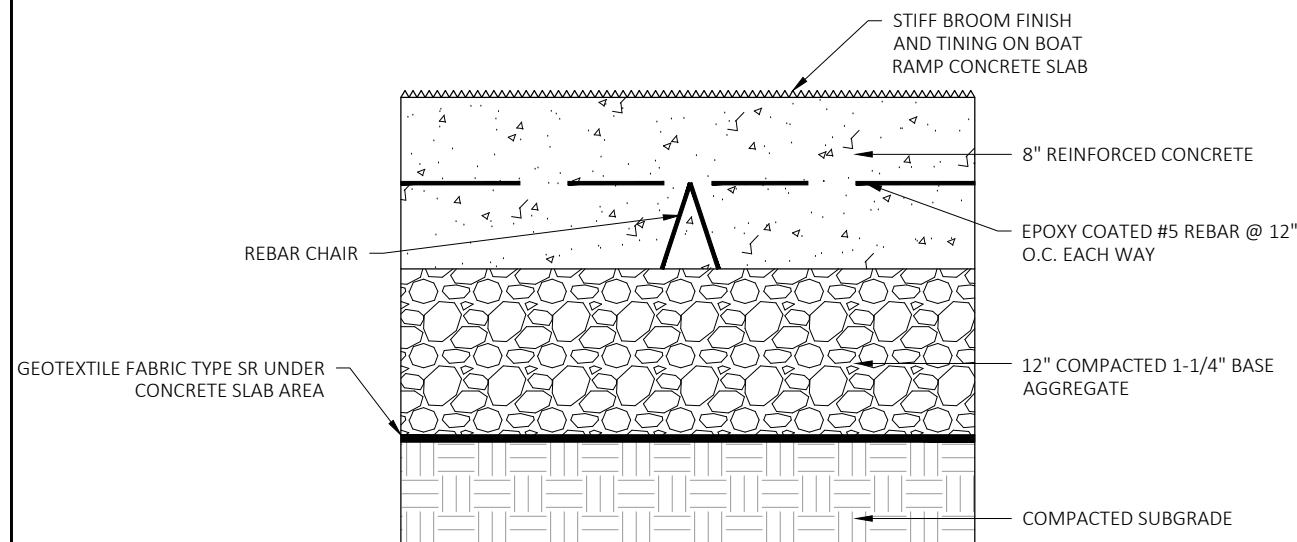


6" COMPACTED BASE AGGREGATE DENSE 1 1/4-INCH

GENERAL NOTES:

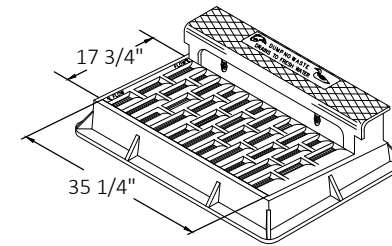
1. LATERAL CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF NOT MORE THAN 15' NOR LESS THAN 6' IN LENGTH. THE JOINTS SHALL BE A MINIMUM OF 3" IN DEPTH.
2. IN ALL CASES, CONCRETE GUTTER SHALL BE PLACED ON THOROUGHLY COMPACTED CRUSHED STONE OF AT LEAST 6" IN DEPTH.
3. CONSTRUCTION JOINTS, COMMONLY CALLED CONTROL JOINTS, IN CONCRETE SHALL BE HAND TOOLED AND THEN SAWED 1/3 INCH PER 1 INCH OF DEPTH OF THE CONCRETE VALLEY GUTTER.

**1** 4-FT VALLEY GUTTER  
C609 NTS



**2** 8-INCH REINFORCED CONCRETE PAVEMENT  
C609 NTS

FOR USE WITH STANDARD CURB AND GUTTER

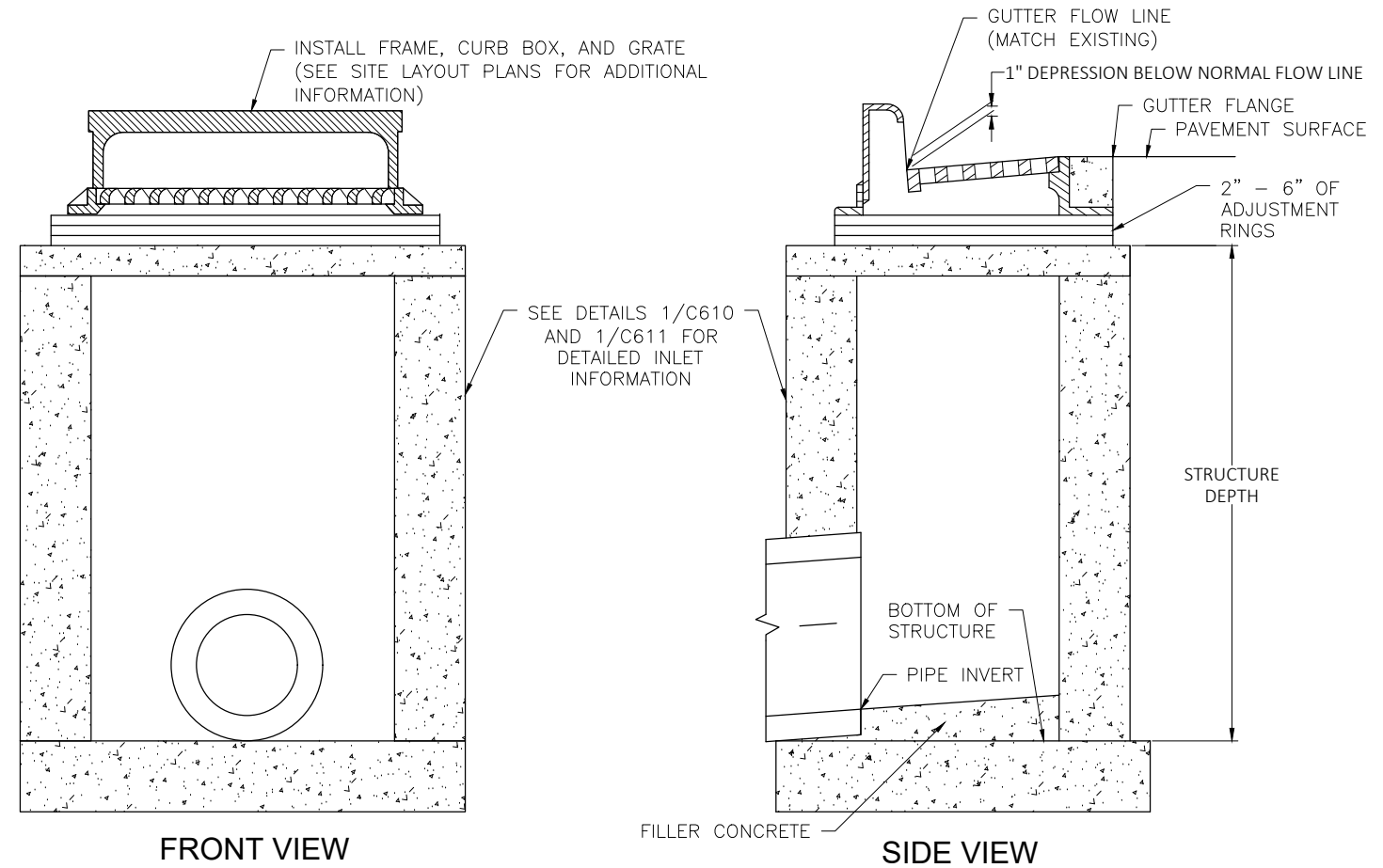


TYPE L

GENERAL NOTES:

INLET CASTING SHALL BE NEENAH FOUNDRY OR EQUIVALENT.

INLET GRATE AND CURB BOX DETAIL



GENERAL NOTES:

1. INSTALL NEW ADJUSTING RINGS FOR INLET AND SET NEW FRAME AND CASTING IN ACCORDANCE WITH SPECIFICATION SECTION 33 40 00.
2. NEW CURB & GUTTER SHALL BE FORMED AS DETAILED ABOVE (NOTE ABOVE DETAIL DEPICTS STANDARD 30-INCH CURB AND GUTTER).
3. CONTRACTOR SHALL CONSOLIDATE NEW CURB & GUTTER CONCRETE AROUND NEW FRAME AND CASTING.
4. NO EXPANSION JOINTS ARE TO BE USED FOR STORM INLET RECONSTRUCTION

**3** CURB AND GUTTER DETAIL AT INLET  
C609 NTS



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
CIVIL DETAILS

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

Graphic  
Scale



NTS

DFD  
Number

24E7Z

Set  
Type

BD

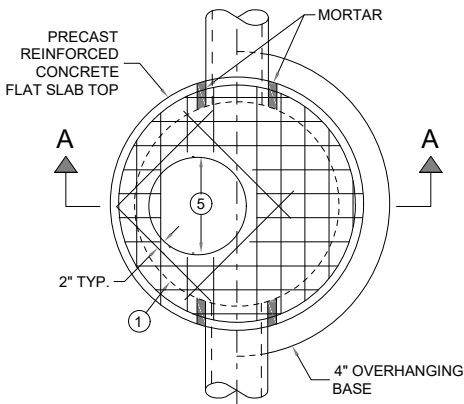
Date  
Issued

11/12/2025

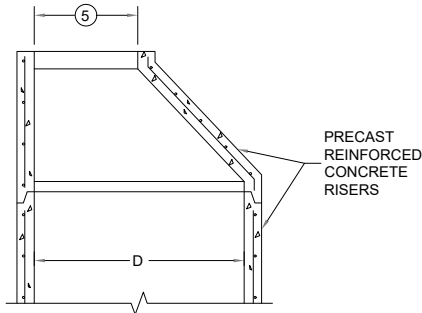
Sheet  
Number

C609

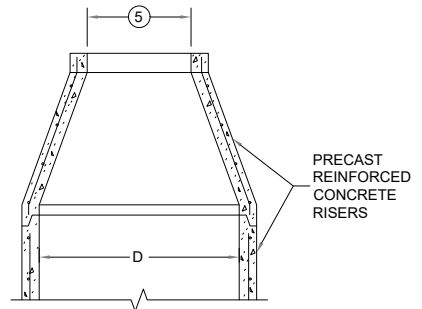




PLAN VIEW  
CIRCULAR OPENING



OPTIONAL PRECAST  
REINFORCED CONCRETE  
ECCENTRIC TOP



OPTIONAL PRECAST  
REINFORCED CONCRETE  
CONCENTRIC TOP

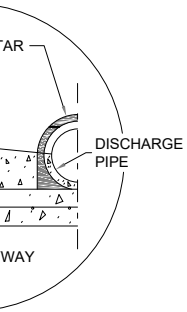
MANHOLE COVER OPENING MATRIX

| MANHOLE COVER<br>TYPE<br>OPENING<br>SIZE (FT.) ⑤ | C | ALL J'S | K | L | M |
|--------------------------------------------------|---|---------|---|---|---|
| 2 DIA.                                           | X | X       |   | X |   |
| 3 DIA.                                           |   |         | X |   | X |

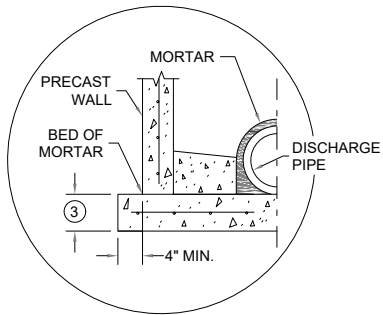
PIPE MATRIX

| MANHOLE<br>SIZE<br>(DIA.) | MAXIMUM INSIDE PIPE DIAMETER<br>FOR TWO PIPES |                        | MINIMUM<br>WALL<br>THICKNESS<br>(IN) | MINIMUM<br>PRECAST<br>FLAT SLAB TOP<br>AND BASE<br>THICKNESS |
|---------------------------|-----------------------------------------------|------------------------|--------------------------------------|--------------------------------------------------------------|
|                           | 180°<br>SEPARATION (IN)                       | 90°<br>SEPARATION (IN) |                                      |                                                              |
| 3-FT                      | 15                                            | 12                     | 4                                    | 6                                                            |
| 4-FT                      | 24                                            | 18                     | 4                                    | 6                                                            |
| 5-FT                      | 36                                            | 24                     | 5                                    | 8                                                            |
| 6-FT                      | 42                                            | 36                     | 6                                    | 8                                                            |
| 7-FT                      | 48                                            | 36/42 *                | 7                                    | 8                                                            |
| 8-FT                      | 60                                            | 42                     | 8                                    | 8                                                            |
| 9-FT                      | 66                                            | 54                     | 9                                    | 10                                                           |
| 10-FT                     | 72                                            | 60                     | 10                                   | 10                                                           |

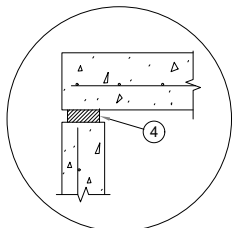
\* A 36" PIPE AND A 42" PIPE CAN BE PLACED WITHIN 90 DEGREES.  
SEE MINIMUM HORIZONTAL PIPE SEPARATION DETAIL.



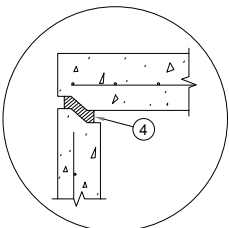
PRECAST REINFORCED CONCRETE  
WITH INTEGRAL BASE OPTION



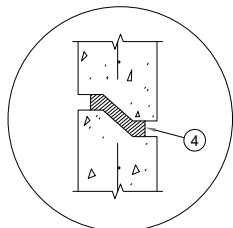
SEPARATE PRECAST REINFORCED  
CONCRETE BASE OPTION



TOP WITH PLAIN  
END JOINT



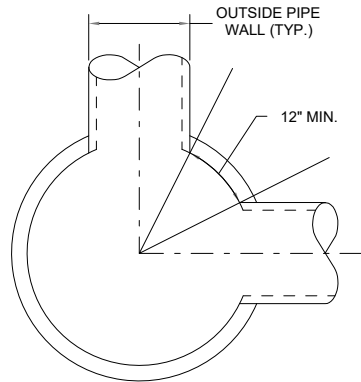
TOP WITH TONGUE  
AND GROOVE JOINT



RISER WITH TONGUE  
AND GROOVE JOINT

DETAIL "B"

DETAIL "C"



MINIMUM HORIZONTAL  
PIPE SEPARATION  
DETAIL "D"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST MANHOLE UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 12 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED CONCRETE CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED CONCRETE FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES. CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL IMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF 1/2 INCH AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST MANHOLE UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

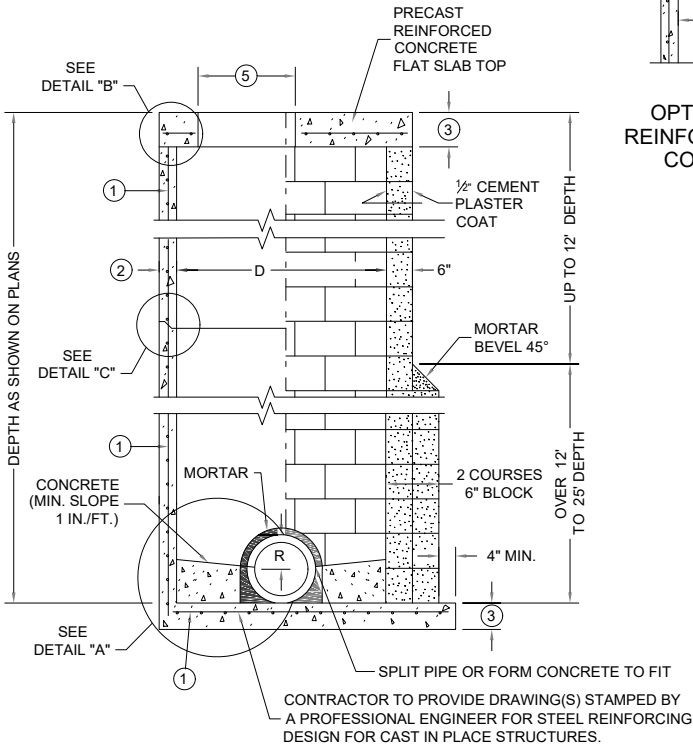
PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

CONCRETE BLOCK WILL NOT BE PERMITTED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "D".

- ① FOR PRECAST MANHOLES AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.
- ② SEE PIPE MATRIX TABLE FOR MINIMUM WALL THICKNESS FOR PRECAST MANHOLES
- ③ SEE PIPE MATRIX TABLE FOR MINIMUM THICKNESS OF PRECAST FLAT SLAB TOPS AND BASES.
- ④ JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 OR RUBBER GASKETS CONFORMING TO ASTM C443.
- ⑤ SEE MANHOLE COVER OPENING MATRIX.



SECTION A - A

PRECAST REINFORCED  
CONCRETE WITH  
MONOLITHIC BASE

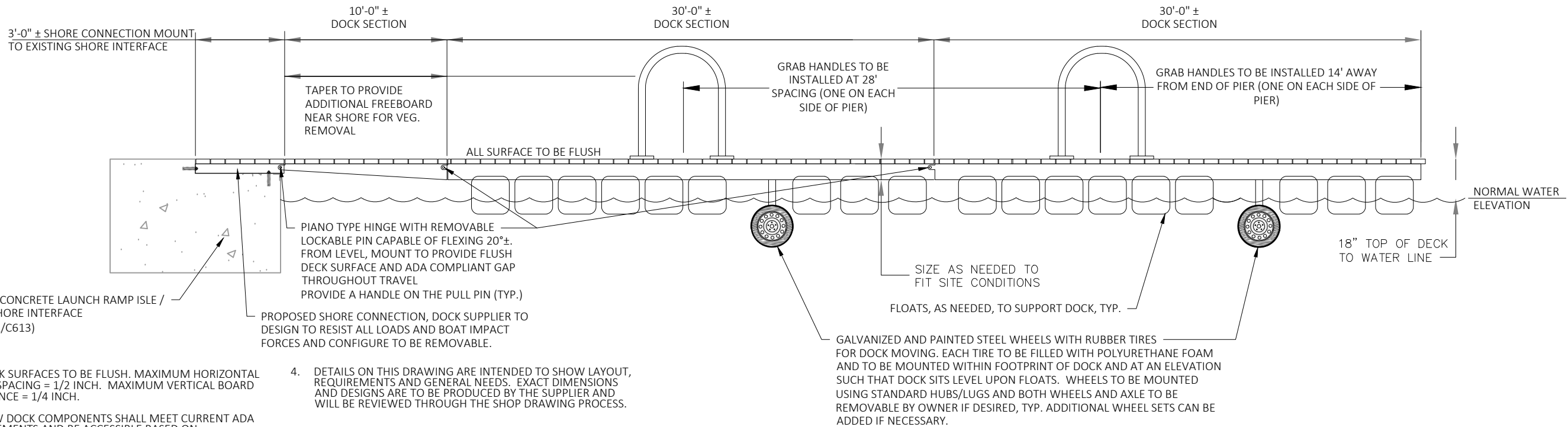
CONCRETE BLOCK WITH  
CAST IN PLACE OR  
PRECAST REINFORCED  
CONCRETE BASE ①

MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER



|               |            |              |
|---------------|------------|--------------|
| Revisions:    |            |              |
| No.           | Date:      | Description: |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
| Graphic Scale |            |              |
| DFD Number    | 24E7Z      |              |
| Set Type      | BD         |              |
| Date Issued   | 11/12/2025 |              |
| Sheet Number  | C611       |              |





- NOTES:
- ALL DECK SURFACES TO BE FLUSH. MAXIMUM HORIZONTAL BOARD SPACING = 1/2 INCH. MAXIMUM VERTICAL BOARD DIFFERENCE = 1/4 INCH.
  - ALL NEW DOCK COMPONENTS SHALL MEET CURRENT ADA REQUIREMENTS AND BE ACCESSIBLE BASED ON ARCHITECTURAL BARRIERS ACT ACCESSIBILITY GUIDELINES.
  - CONTRACTOR SHALL PROVIDE AND INSTALL EPOXY TYPE ANCHORS FOR PROPOSED SHORE CONNECTION.
  - DETAILS ON THIS DRAWING ARE INTENDED TO SHOW LAYOUT, REQUIREMENTS AND GENERAL NEEDS. EXACT DIMENSIONS AND DESIGNS ARE TO BE PRODUCED BY THE SUPPLIER AND WILL BE REVIEWED THROUGH THE SHOP DRAWING PROCESS.

1

C612

FLOATING BOARDING DOCK

NTS



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.673.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



E10320 FERN DELL RD  
BARABOO, WI 53913

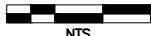
MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
CIVIL DETAILS

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

Graphic  
Scale



DFD  
Number

24E7Z

Set  
Type

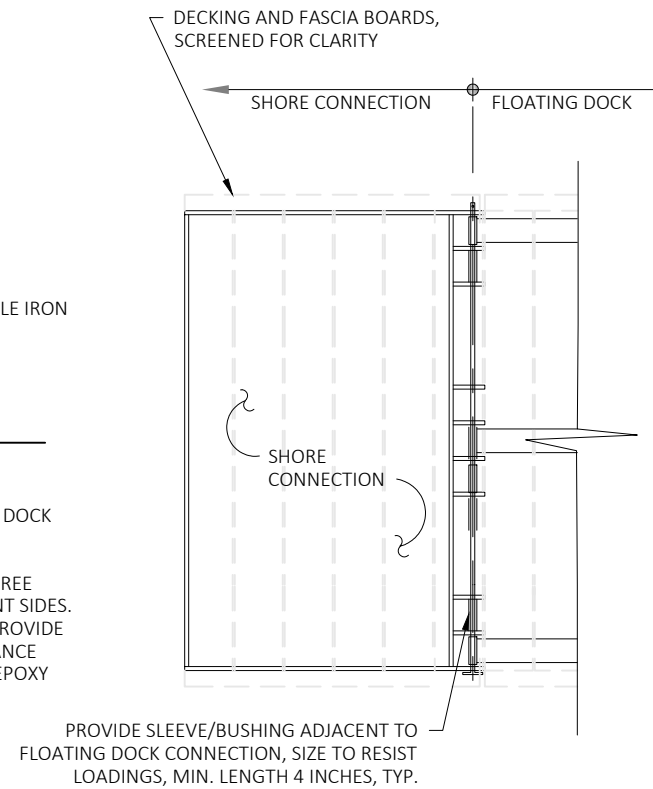
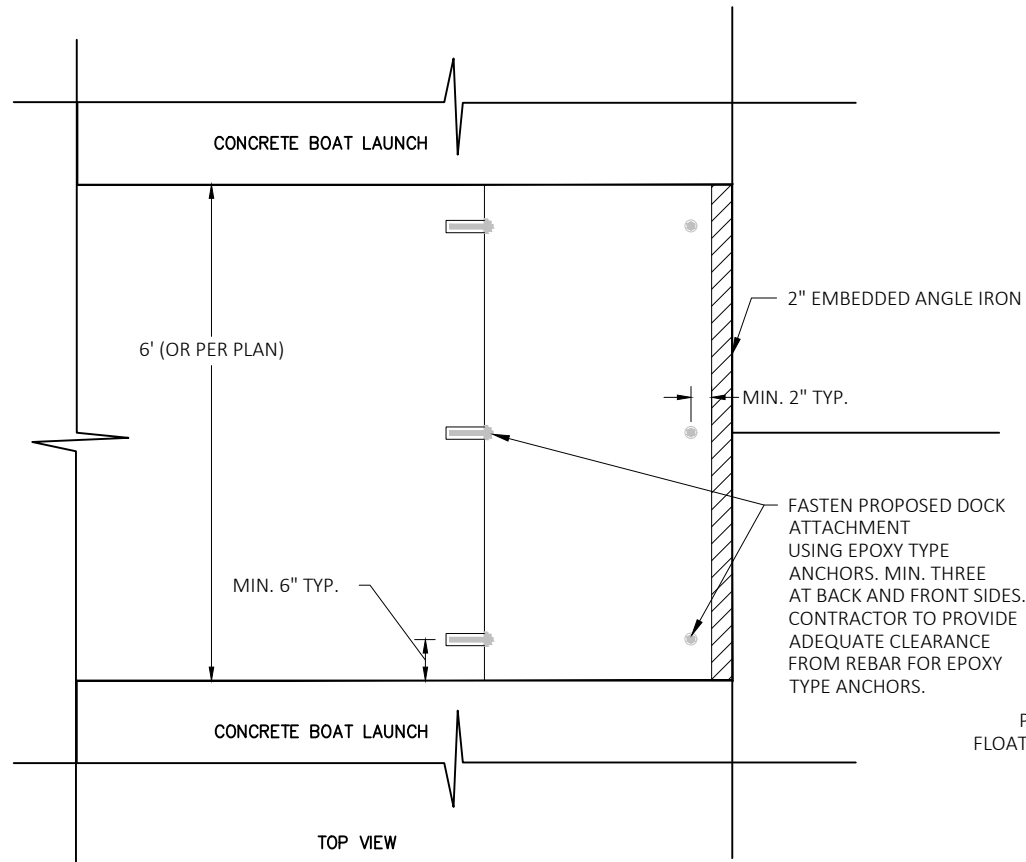
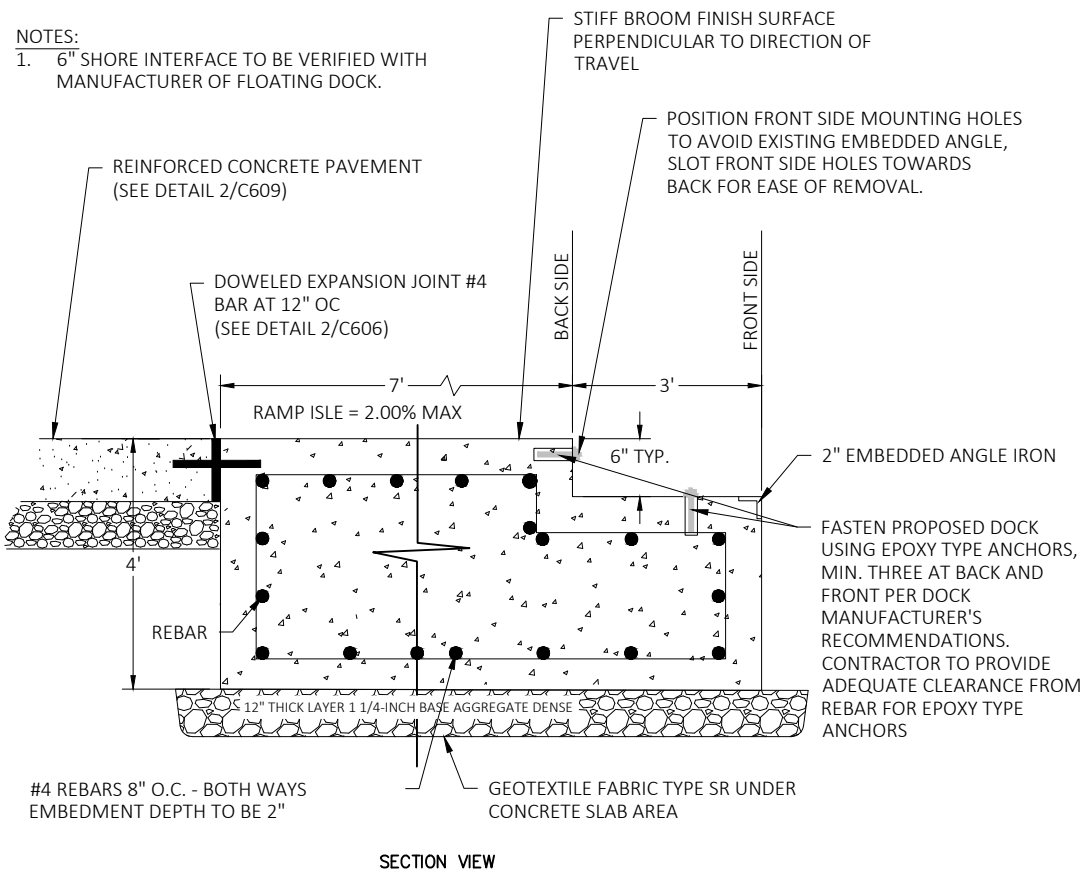
BD

Date  
Issued

11/12/2025

Sheet  
Number

C612



1 REINFORCED CONCRETE LAUNCH RAMP ISLE / CONCRETE SHORE INTERFACE

NTS

**Kapur**

4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
CIVIL DETAILS

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |

Graphic Scale



DFD Number

24E7Z

Set Type

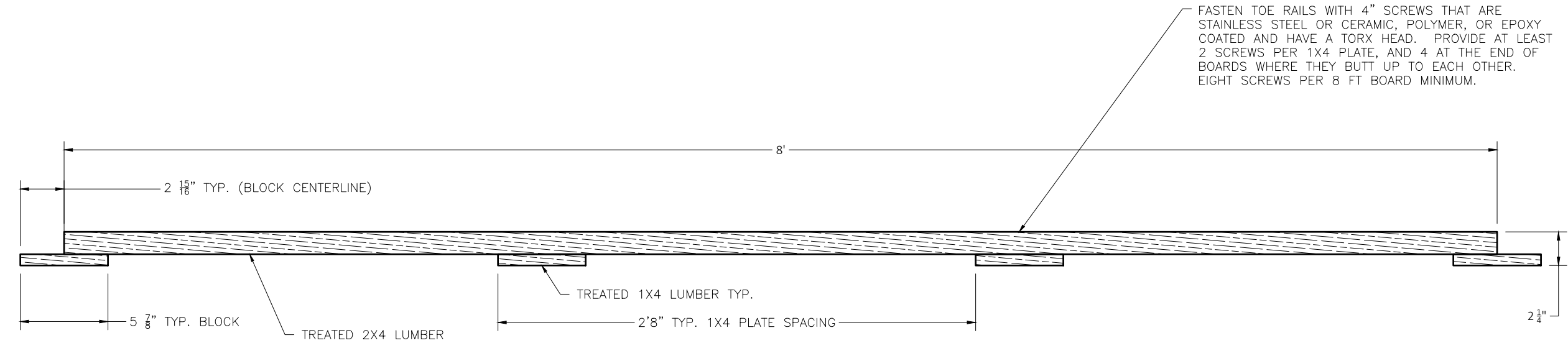
BD

Date Issued

11/12/2025

Sheet Number

C613



1  
C614

BOARDWALK TOE RAIL CONSTRUCTION

NTS



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.673.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091



State of Wisconsin  
Department of Administration  
Division of Facilities Development

E10320 FERN DELL RD  
BARABOO, WI 53913

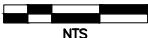
MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
CIVIL DETAILS

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

Graphic  
Scale



DFD  
Number

24E7Z

Set  
Type

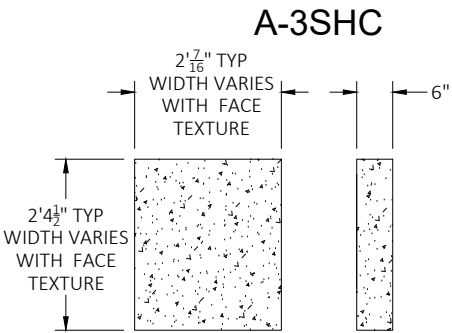
BD

Date  
Issued

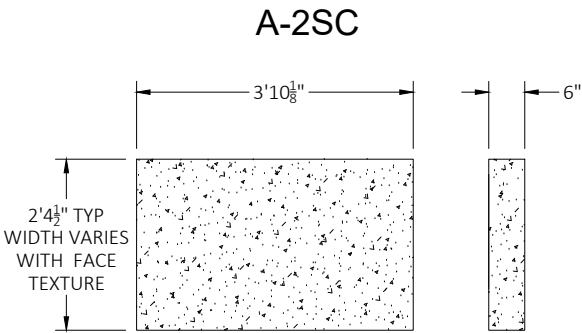
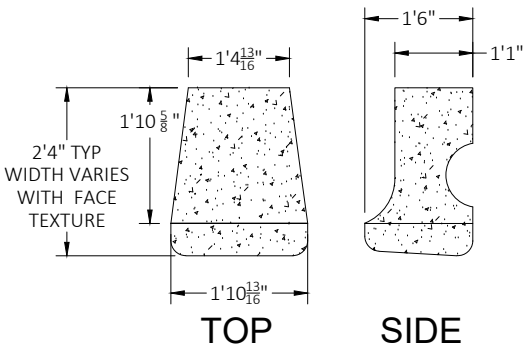
11/12/2025

Sheet  
Number

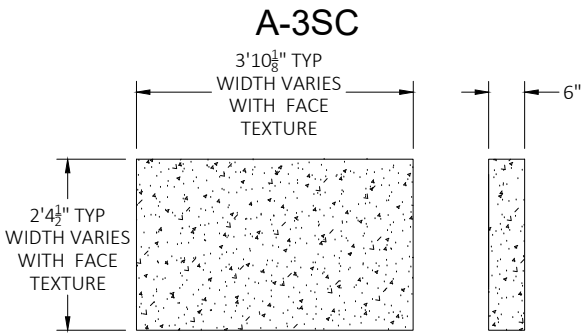
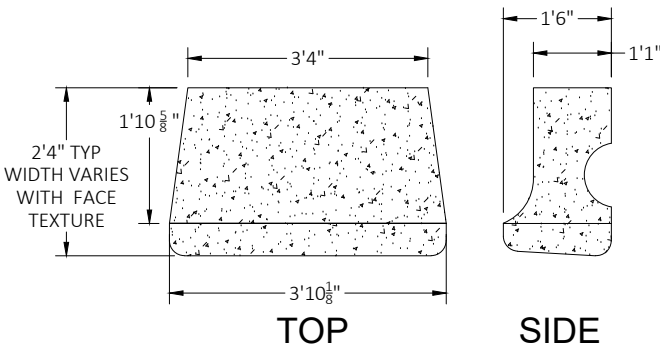
C614



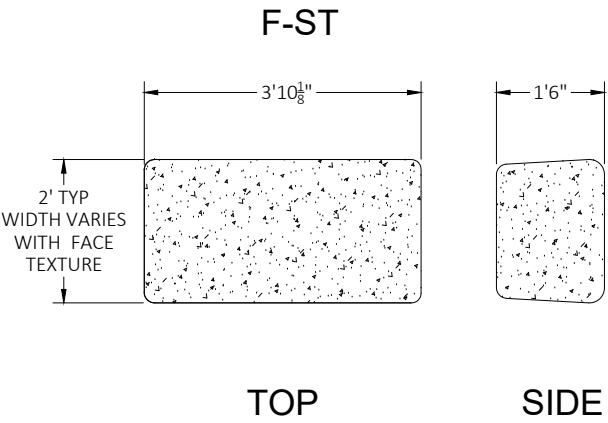
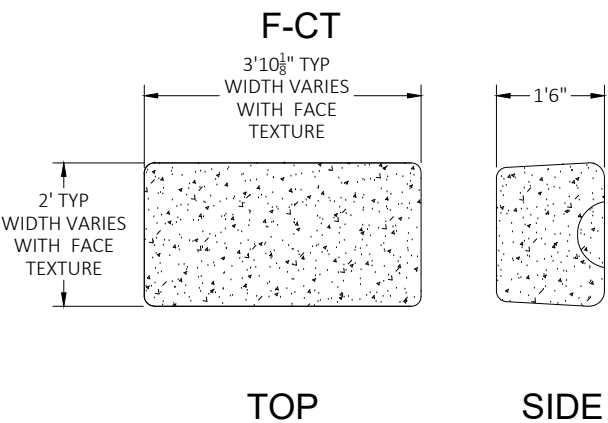
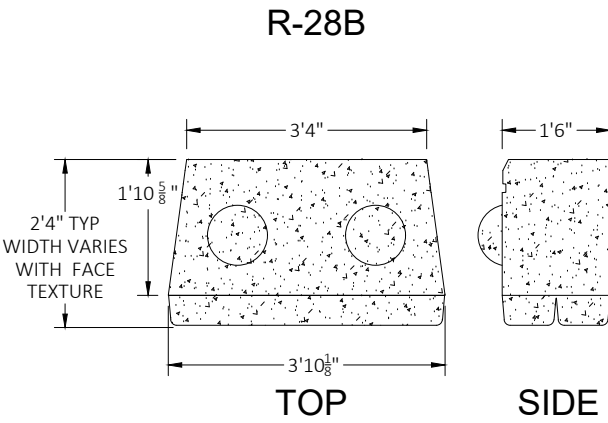
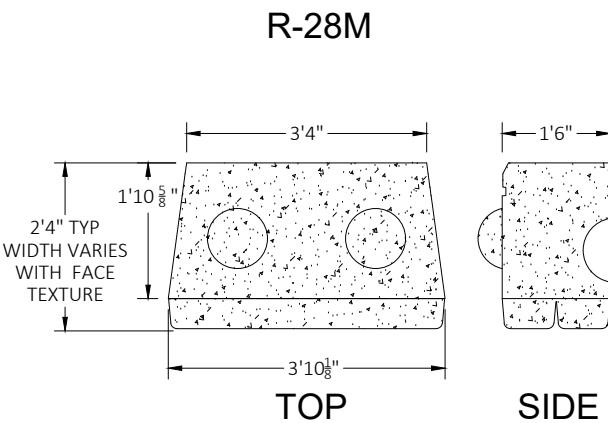
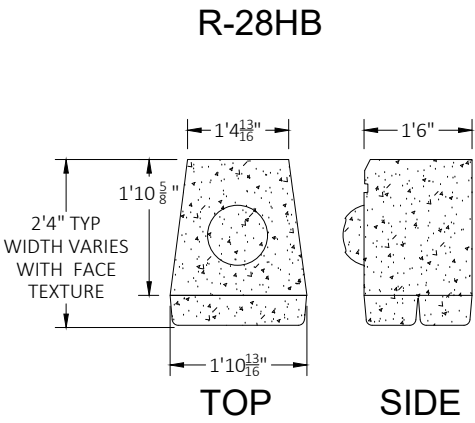
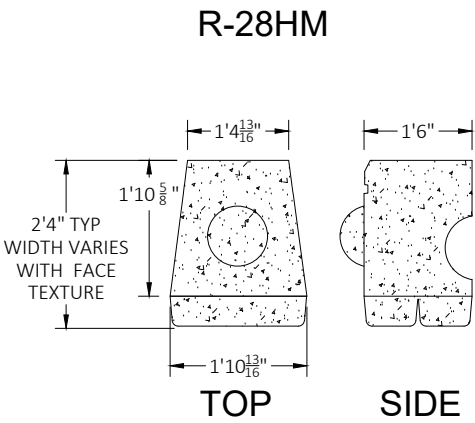
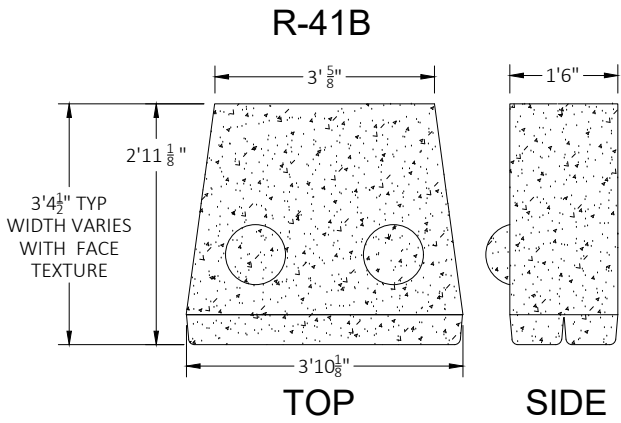
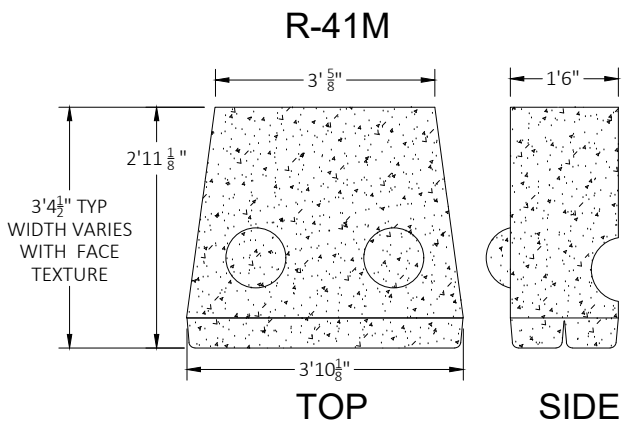
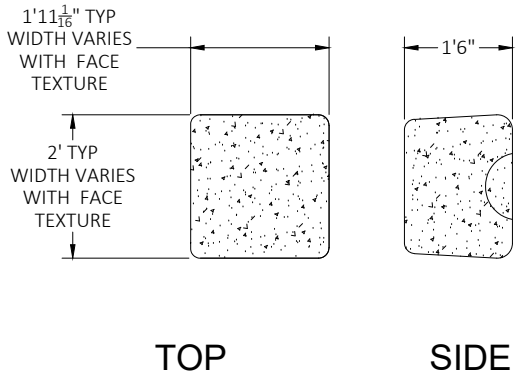
TOP  
R-28HT



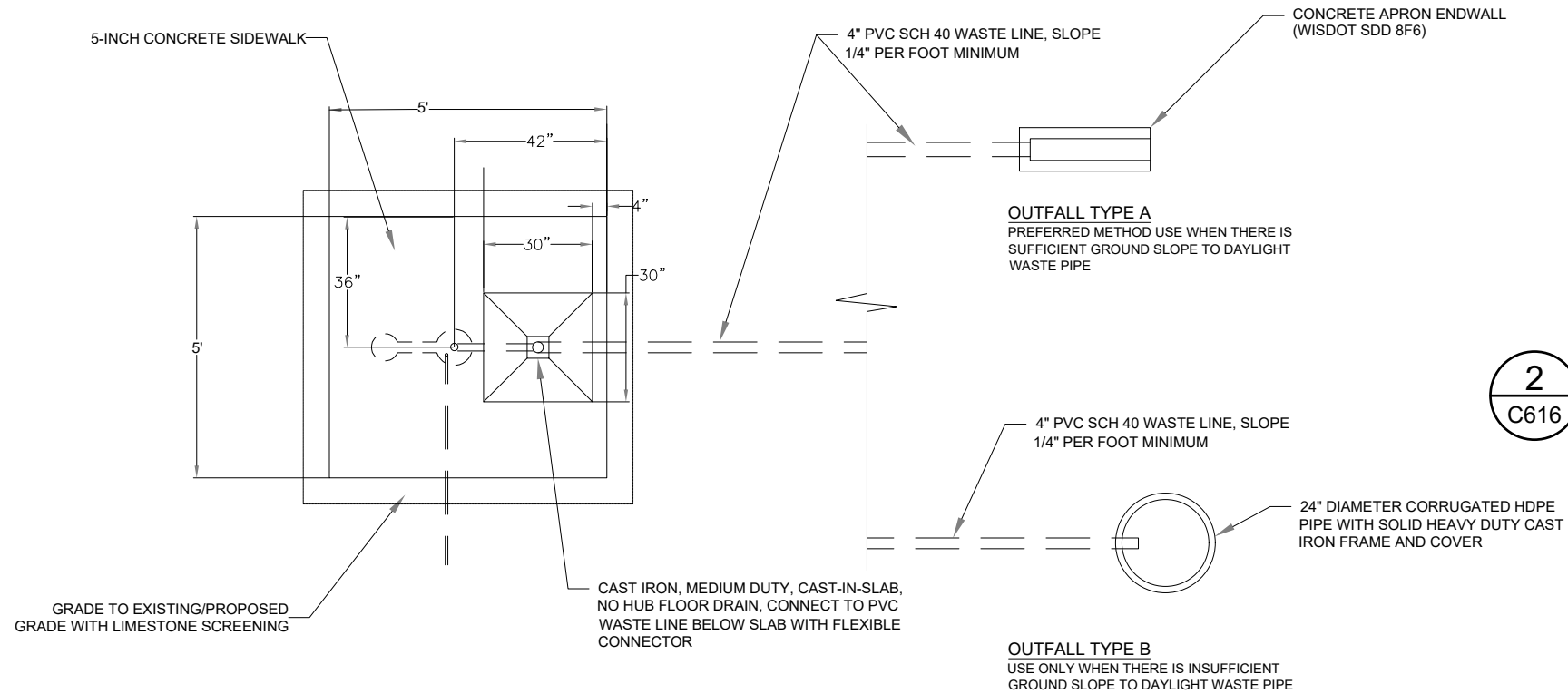
TOP  
R-28T



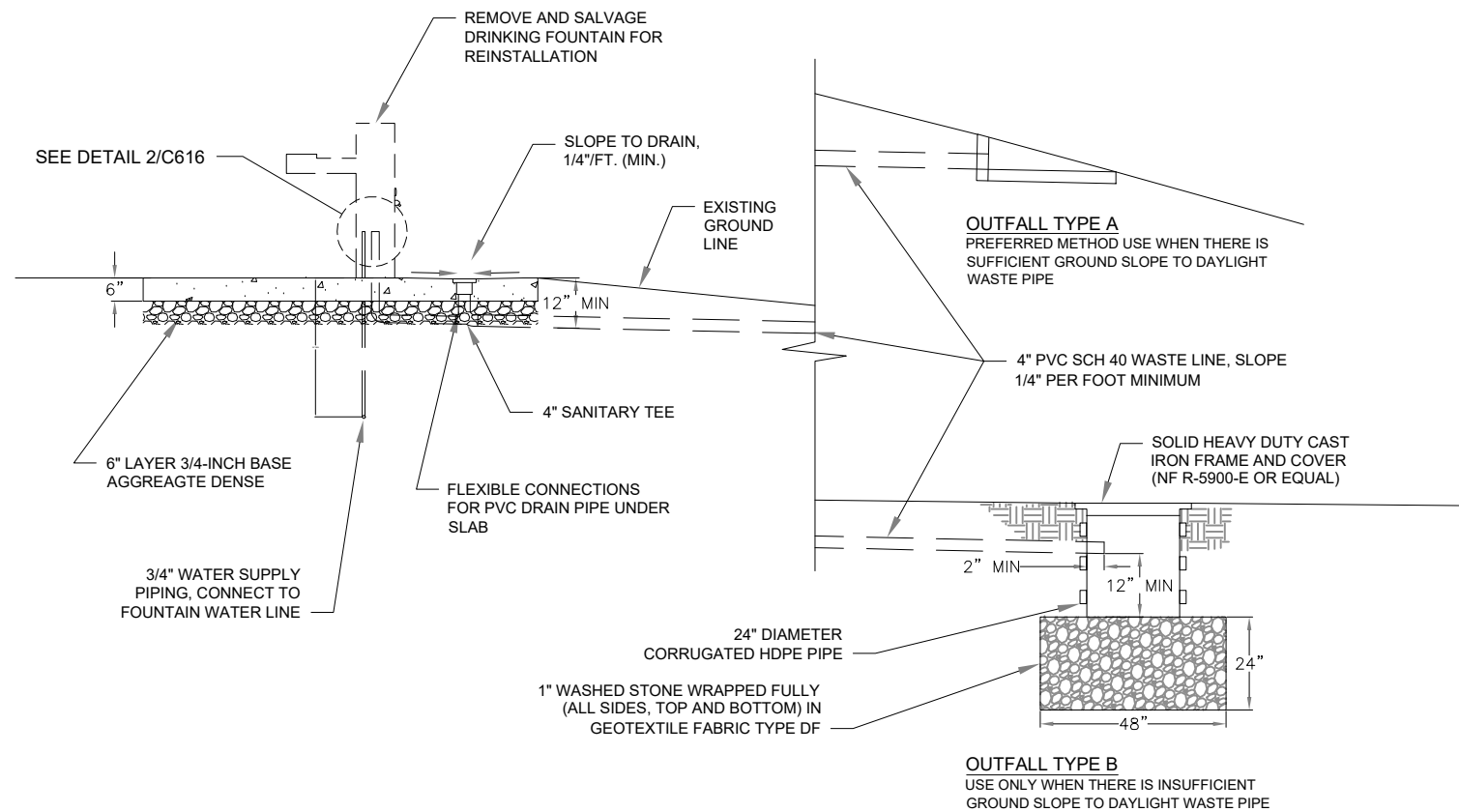
TOP  
F-HCT



|               |            |              |
|---------------|------------|--------------|
| Revisions:    |            |              |
| No.           | Date:      | Description: |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
| Graphic Scale |            |              |
| DFD Number    | 24E7Z      |              |
| Set Type      | BD         |              |
| Date Issued   | 11/12/2025 |              |
| Sheet Number  | C615       |              |



PLAN



1

DRINKING FOUNTAIN

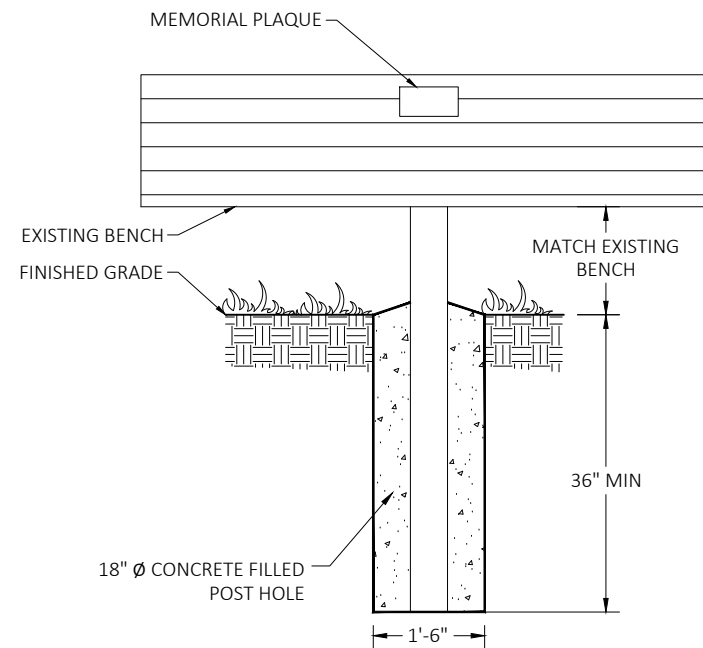
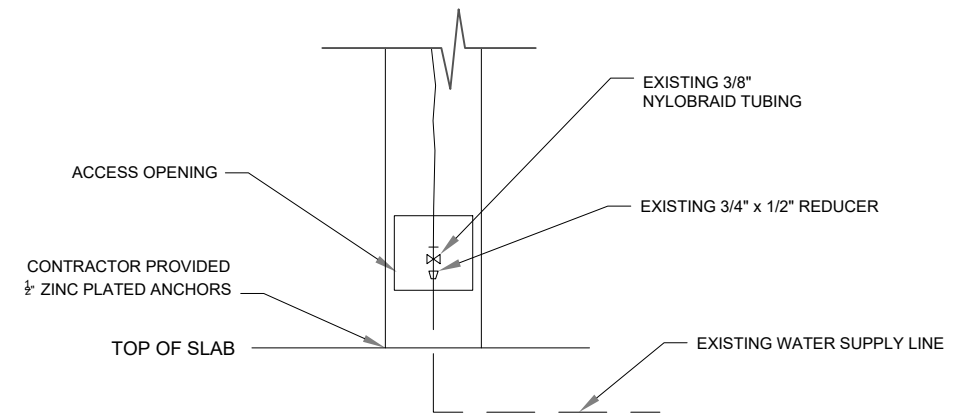
C616

NTS

2  
C616

INTERNAL CONNECTION - SALVAGED WATER FOUNTAIN

NTS



3

BENCH REINSTALLATION

C616

NTS



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.873.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
CIVIL DETAILS

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

Graphic Scale



DFD Number

24E7Z

Set Type

BD

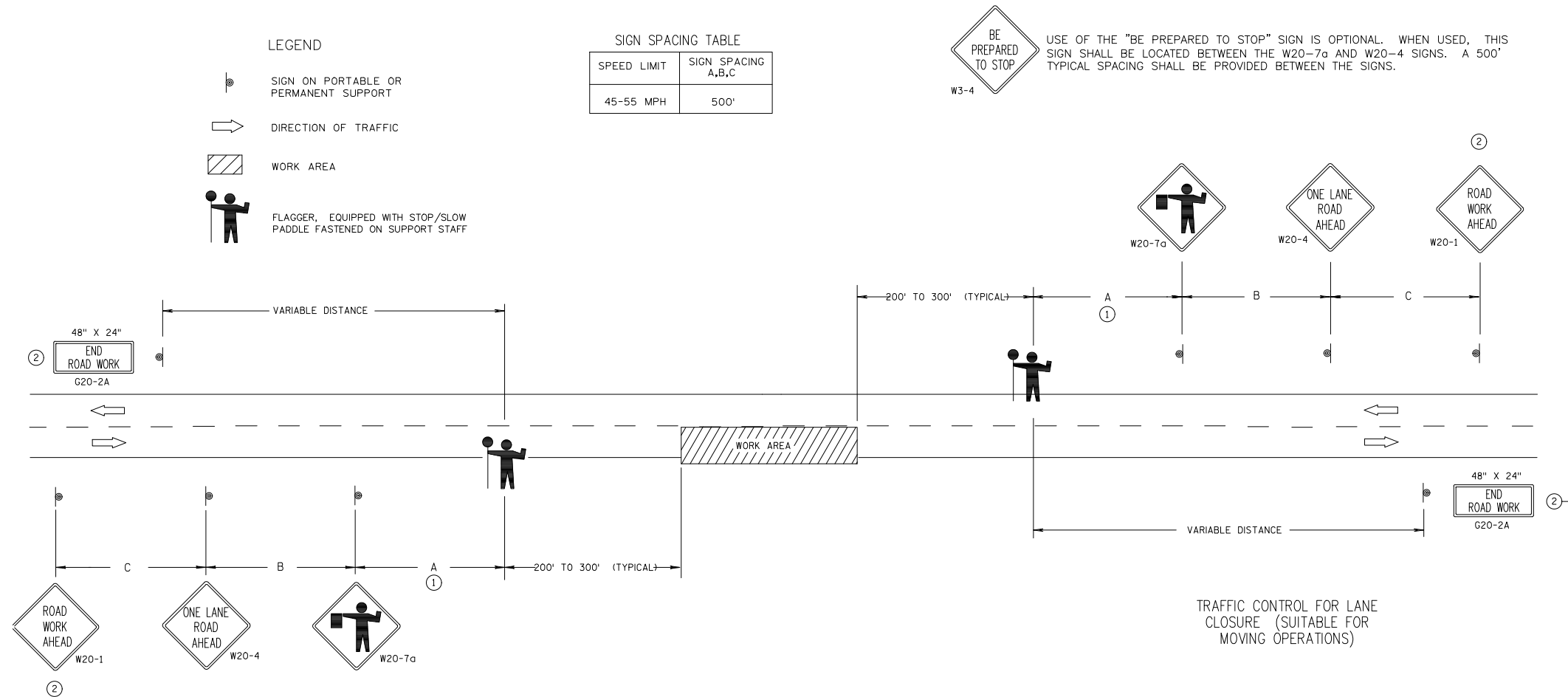
Date Issued

11/12/2025

Sheet Number

C616

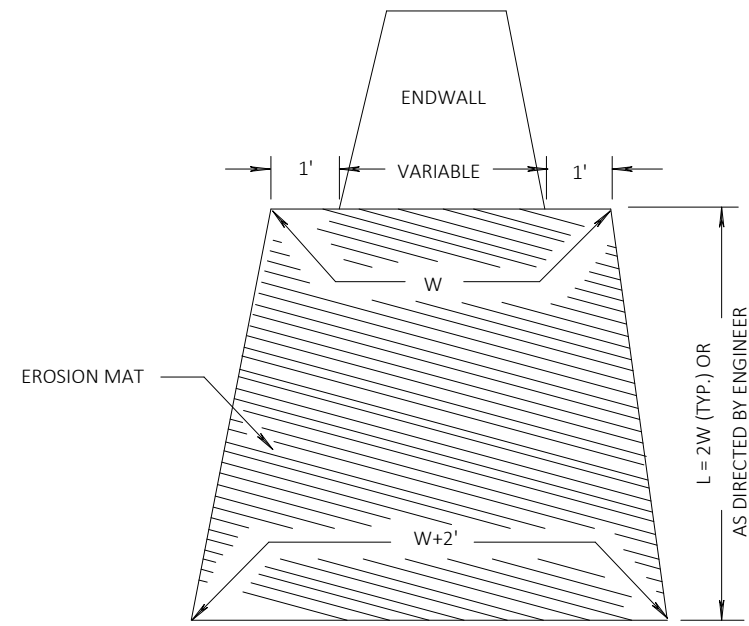




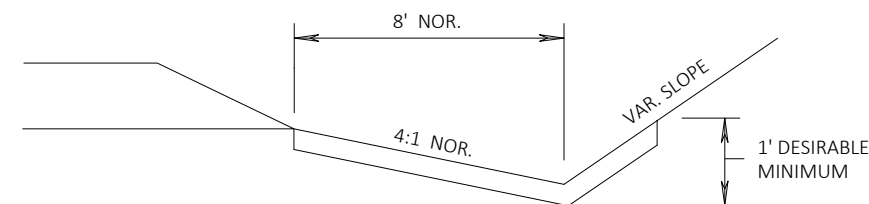
- ① FOR A MOVING WORK OPERATION, SIGNING FOR BOTH DIRECTIONS SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.
- ② SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

## 1) FLAGGING OPERATION DETAIL

NTS



WOOD STAKES (2 PER BALE)  
NOMINAL 2" X 2" X 30" MIN.  
LENGTH OR EQUIVALENT



SECTION A-A

7' NOM.

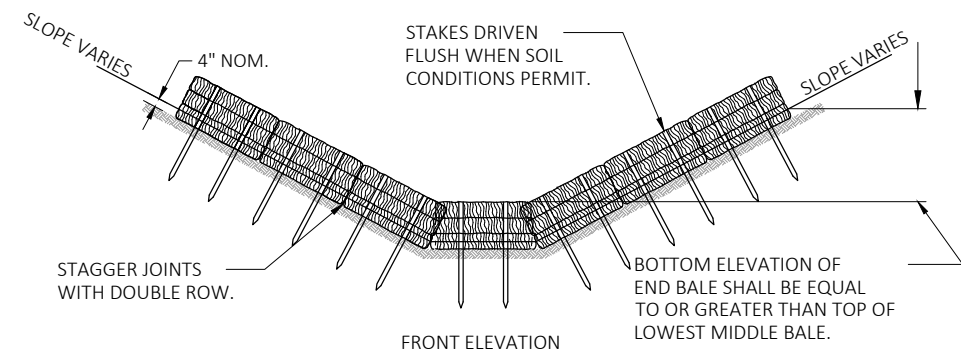
7' NOM.

DIRECTION OF FLOW

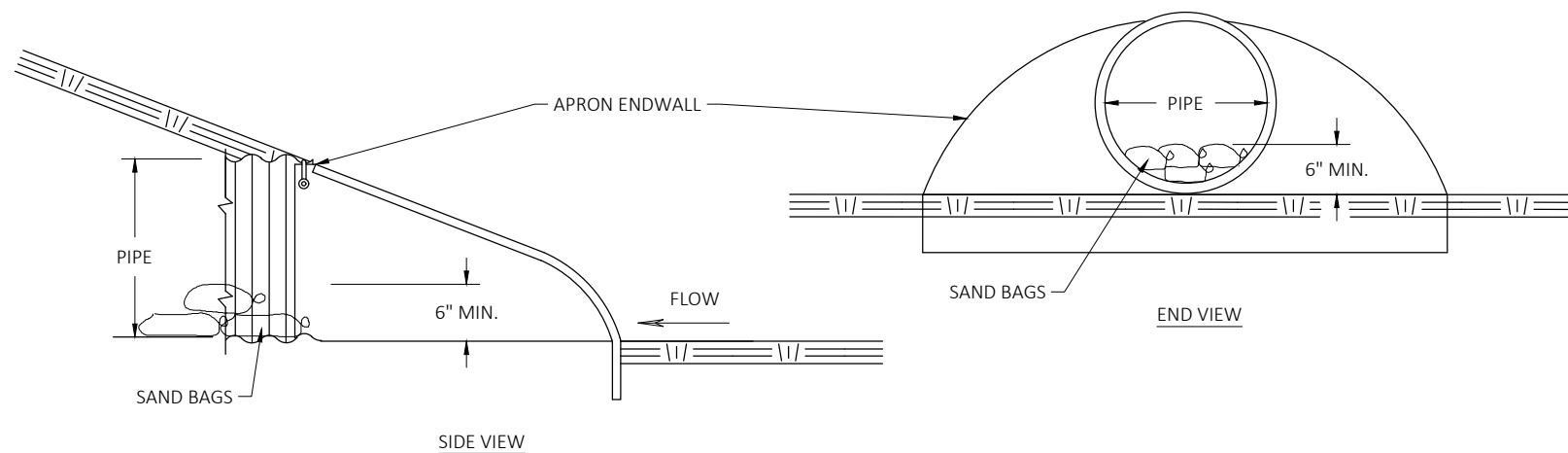
FOR SCOUR PROTECTION USE EROSION MAT FOR CHANNEL LINING. LAP MAT UNDER UPSTREAM BALES AND SECURE FABRIC WITH WOOD STAKES, AT 3-FOOT

PLAN VIEW

STAGGER JOINTS BETWEEN ADJACENT ROWS OF BALES.

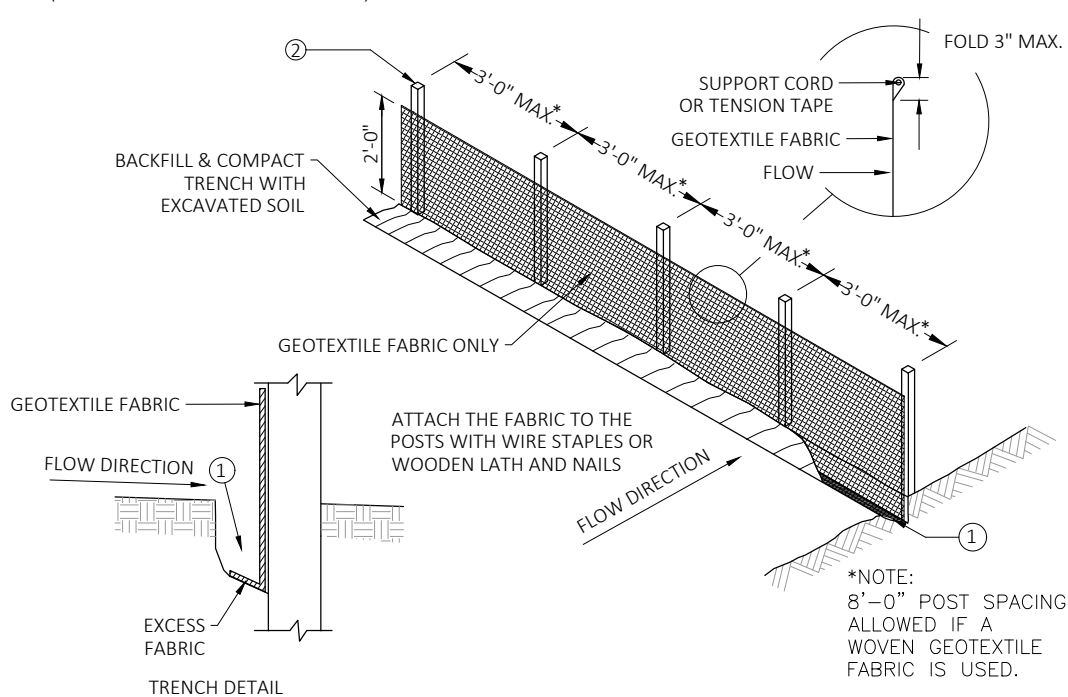
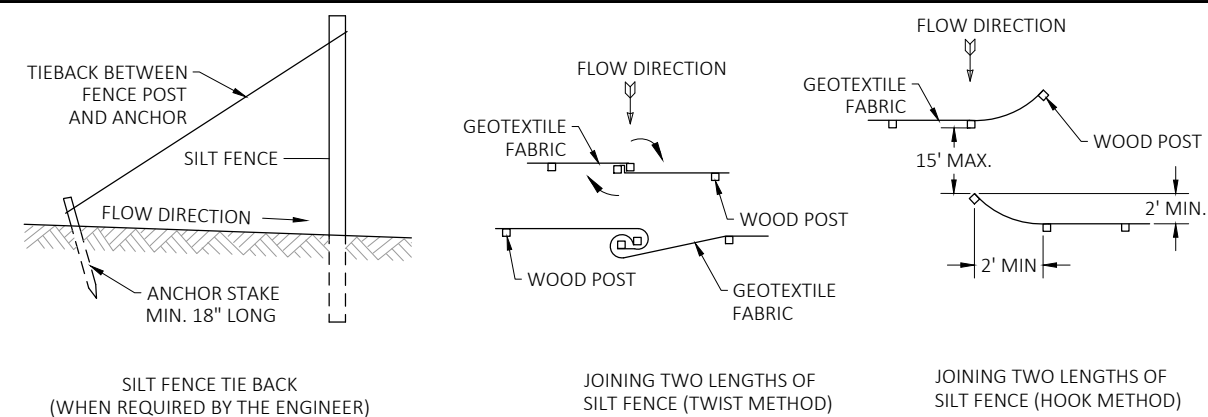


- 1 EROSION MAT INSTALLATION  
C618 NTS



# 2 C618 CULVERT PIPE CHECK NTS

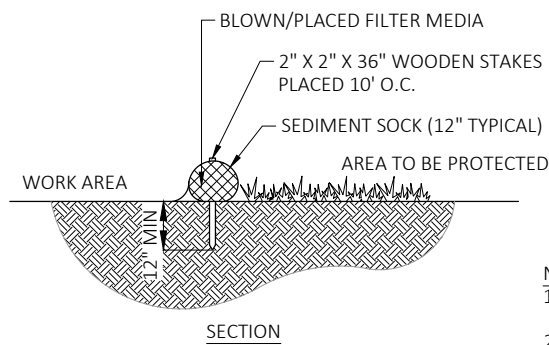
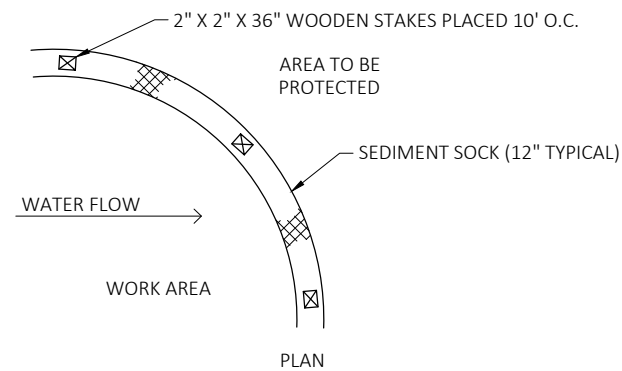
## 3 TEMPORARY DITCH CHECK USING EROSION BALES



1  
C619

## SILT FENCE

NTS



### NOTES:

1. ALL MATERIAL TO MEET SPECIFICATIONS.
2. SEDIMENT SHOULD BE REMOVED FROM BEHIND CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS REACHED 1/2 THE HEIGHT OF THE CHECK DAM.
3. CHECK DAM CAN BE DIRECT SEEDED AT THE TIME OF INSTALLATION.
4. FILTER MEDIA FILL TO MEET APPLICATION REQUIREMENTS.
5. COMPOST MATERIAL TO BE DISPERSED ON SITE. AS DETERMINED BY ENGINEER.

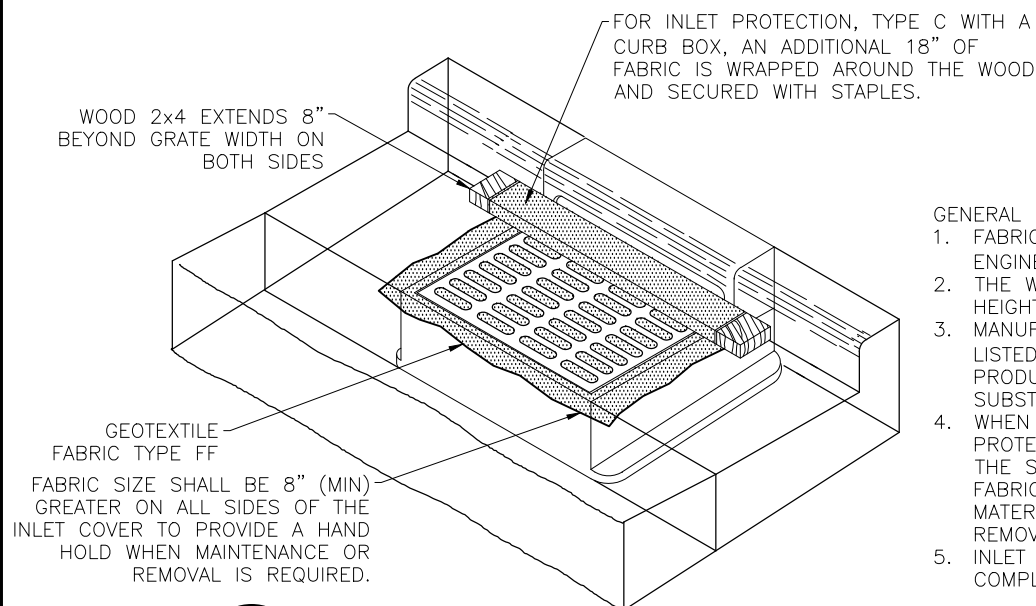
3  
C619

## SEDIMENT SOCK/WATTLE

NTS

### GENERAL NOTES:

1. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
2. WOOD POSTS SHALL BE A MINIMUM SIZE OF 3' LENGTH OF OAK OR HICKORY
3. ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS
4. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE SPECIFICATIONS.
5. 8" OF FENCE FABRIC REQUIRED BELOW GRADE IN TRENCH PER DNR TECH STD. 1056
6. MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE WisDOT PRODUCT ACCEPTABILITY LIST (PAL) MAY BE SUBSTITUTED.
7. FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
8. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2"x4".
9. EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH WDNR TECHNICAL STANDARD AND TECHNICAL SPECIFICATIONS.
10. CROSS BRACE WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS AS DIRECTED BY THE ENGINEER.
11. MINIMUM 14 GAUGE WIRE REQUIRED, FOLD FABRIC 3" OVER THE WIRE AND STAPLE OR PLACE WIRE RINGS ON 12" C.C.
12. WIRE SUPPORT FENCE SHALL BE 14 GAUGE MINIMUM WOVEN WIRE WITH A MAXIMUM MESH SPACING OF 6". SECURE TOP OF GEOTEXTILE FABRIC TO TOP OF FENCE WITH STAPLES OR WIRE RINGS AT 12" C.C. (TYPE B)
13. GEOTEXTILE FABRIC SHALL BE REINFORCED WITH AN INDUSTRIAL POLYPROPYLENE NETTING WITH A MAXIMUM MESH SPACING OF 3/4" OR EQUAL. A HEAVY DUTY NYLON TOP SUPPORT CORD OR EQUIVALENT IS REQUIRED. (TYPE A)
14. STEEL POSTS SHALL BE STUDDED "TEE" OR "U" TYPE WITH A MINIMUM WEIGHT OF 1.28 LBS./LIN. FT. (WITHOUT ANCHOR) FIN ANCHORS SUFFICIENT TO RESIST POST MOVEMENT ARE REQUIRED. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1 1/8" X 1 1/8" OF OAK OR HICKORY.
15. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL, IF POSSIBLE, BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY, USE ONE OF THE FOLLOWING TWO METHODS: A.) TWIST METHOD -- OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B.) HOOK METHOD -- HOOK THE END OF EACH SILT FENCE LENGTH.



2  
C619

## INLET PROTECTION, TYPE C

NTS

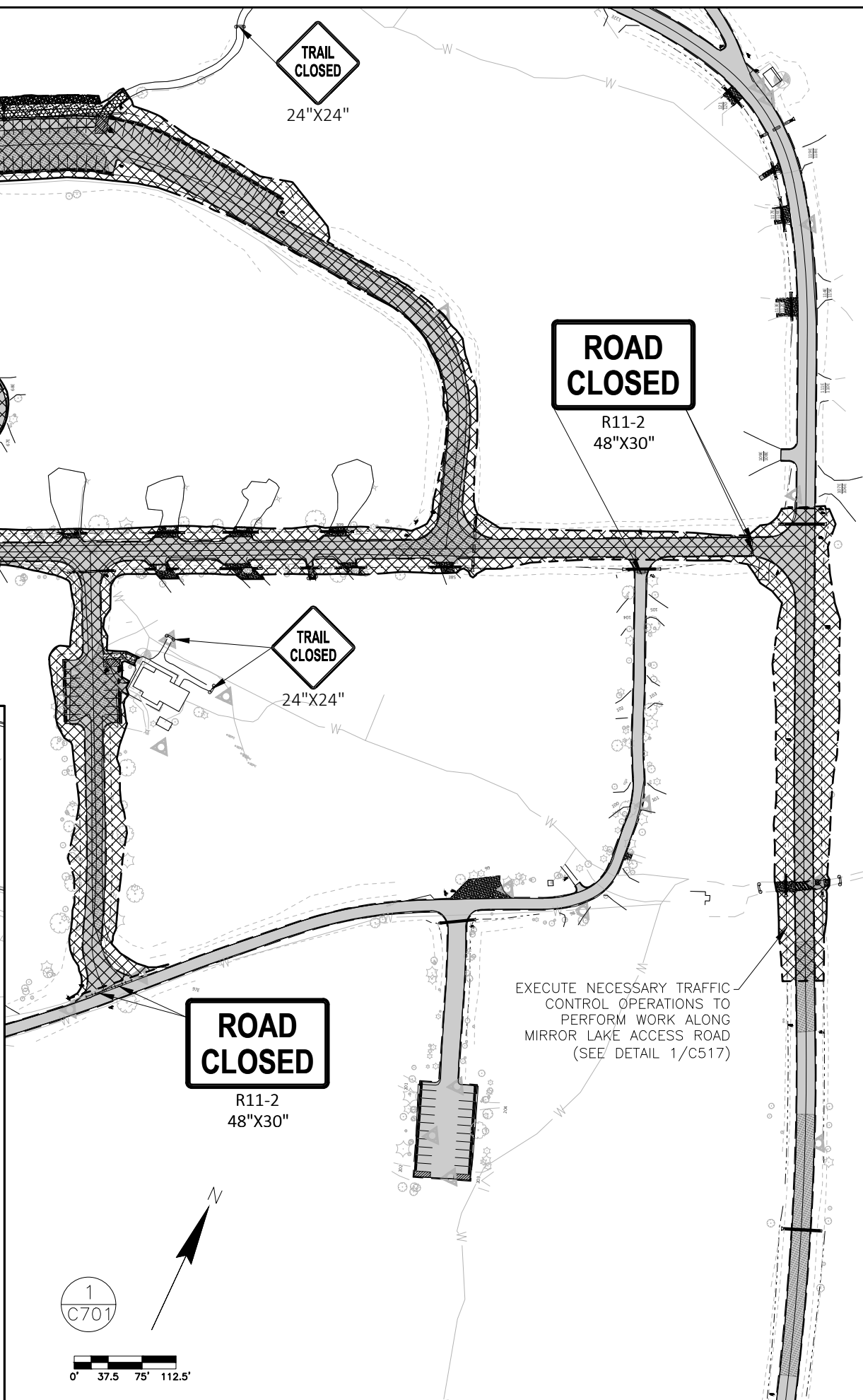
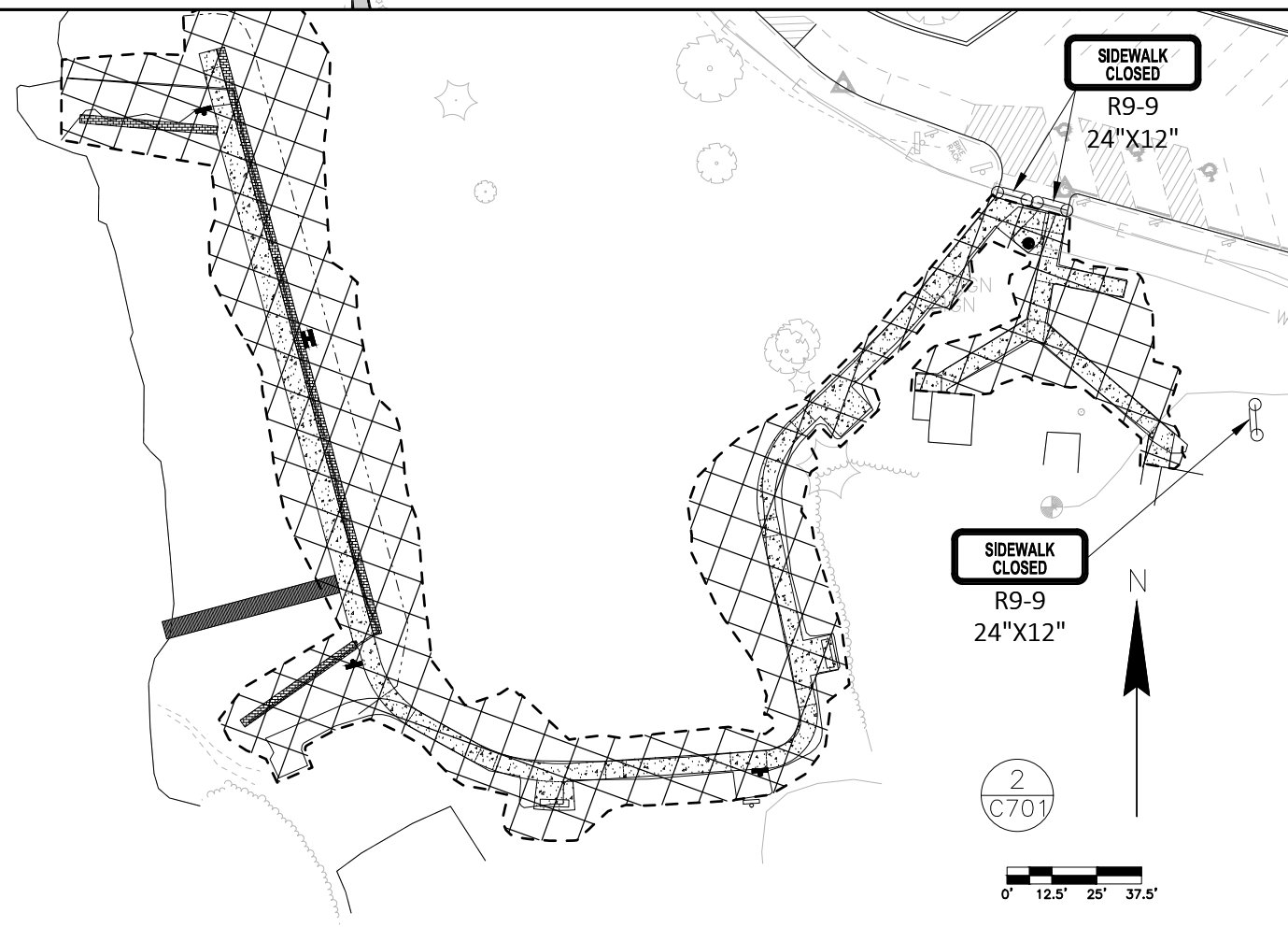
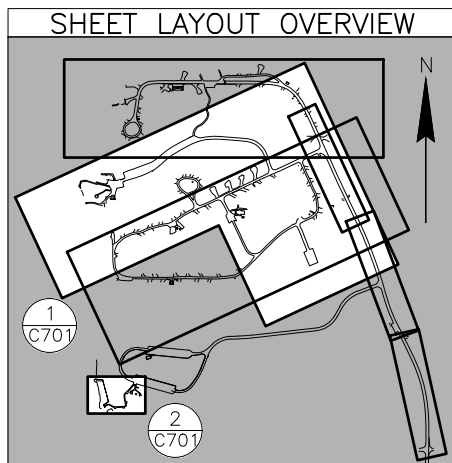
### GENERAL NOTES:

1. FABRIC SHALL BE REPLACED AT THE ENGINEER'S DISCRETION.
2. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX.
3. MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON WISDOT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.
4. WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.
5. INLET PROTECTION SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.

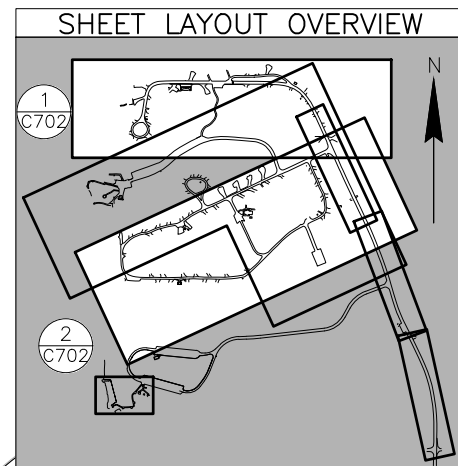
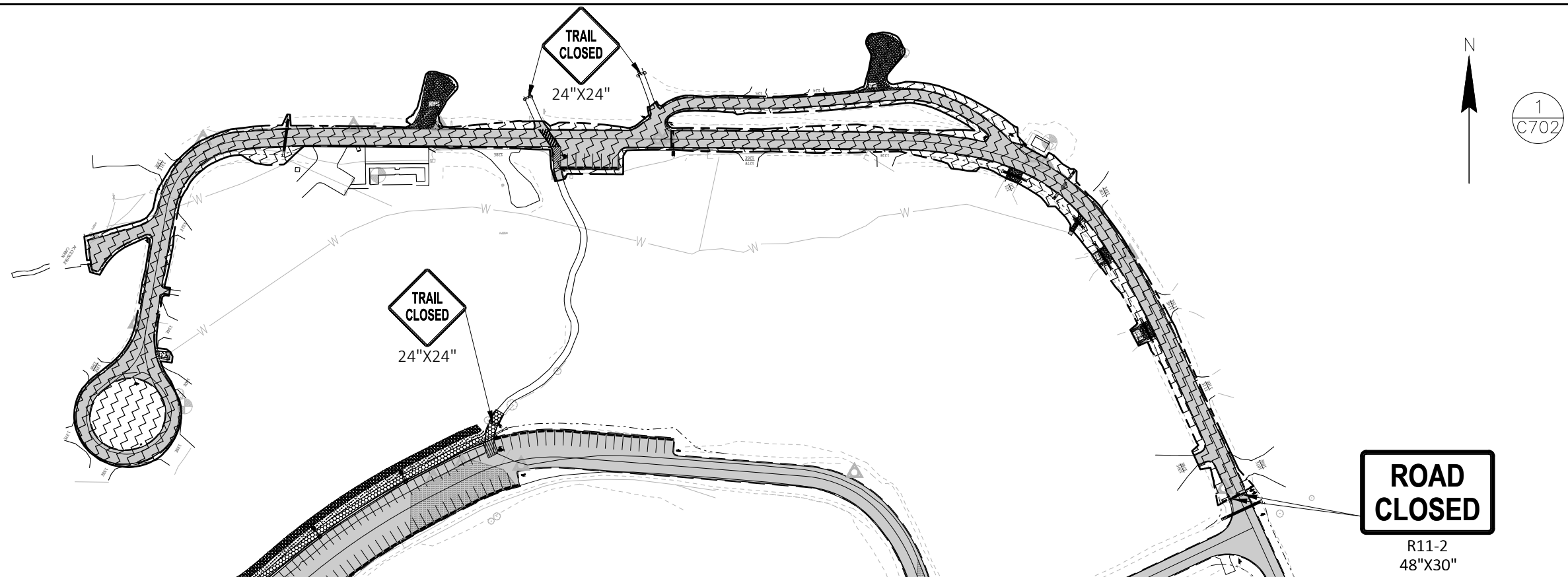


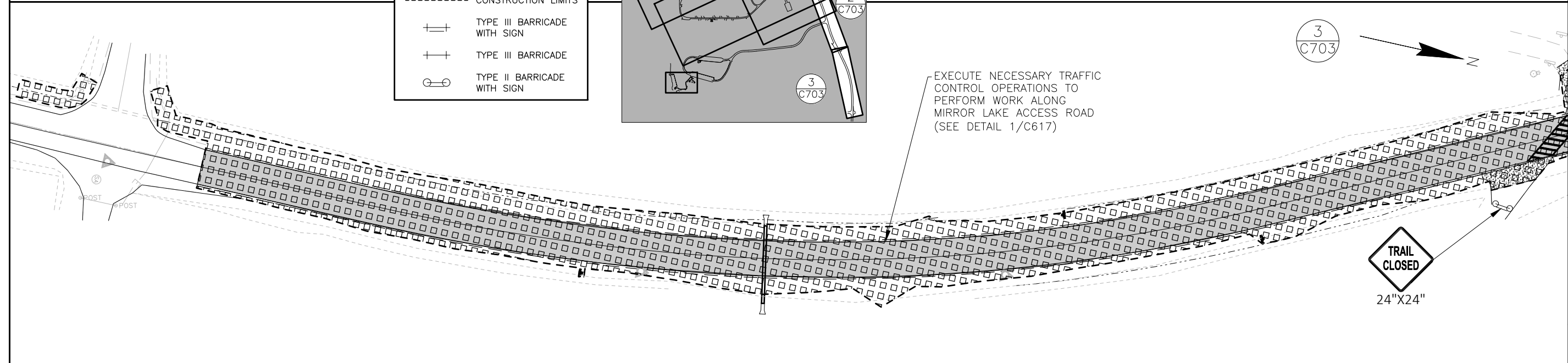
| Revisions:    |            |              |
|---------------|------------|--------------|
| No.           | Date:      | Description: |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
| Graphic Scale |            |              |
| DFD Number    | 24E7Z      |              |
| Set Type      | BD         |              |
| Date Issued   | 11/12/2025 |              |
| Sheet Number  | C619       |              |





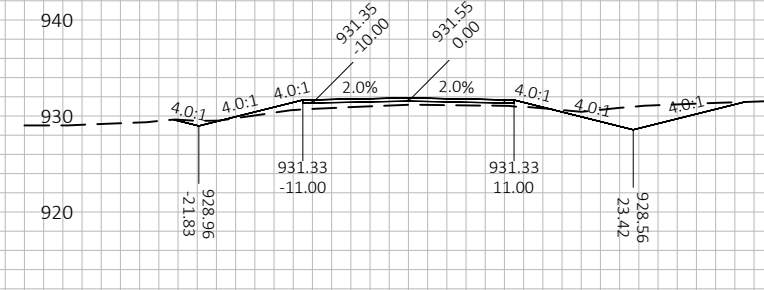




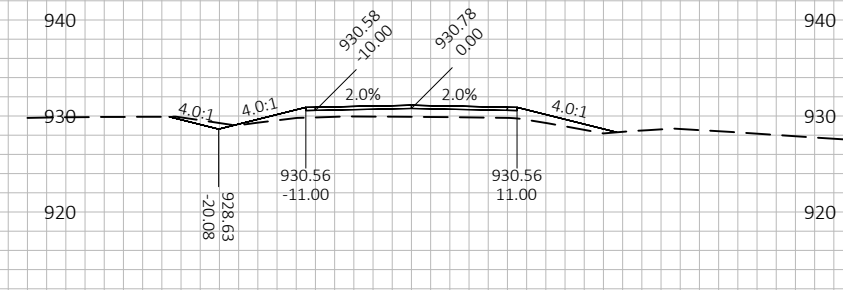


**MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN**

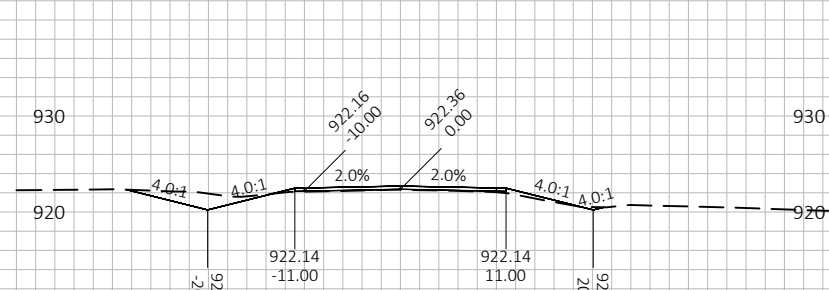
|               |                                                                                                                                                     |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Revisions:    |                                                                                                                                                     |
| No.           | Date: Description:                                                                                                                                  |
|               |                                                                                                                                                     |
|               |                                                                                                                                                     |
|               |                                                                                                                                                     |
|               |                                                                                                                                                     |
|               |                                                                                                                                                     |
|               |                                                                                                                                                     |
|               |                                                                                                                                                     |
|               |                                                                                                                                                     |
|               |                                                                                                                                                     |
| Graphic Scale | <div style="display: flex; justify-content: space-between; width: 100%;"> <span>0'</span> <span>15'</span> <span>30'</span> <span>45'</span> </div> |
| DFD Number    | 24E7Z                                                                                                                                               |
| Set Type      | BD                                                                                                                                                  |
| Date Issued   | 11/12/2025                                                                                                                                          |
| Sheet Number  | C703                                                                                                                                                |



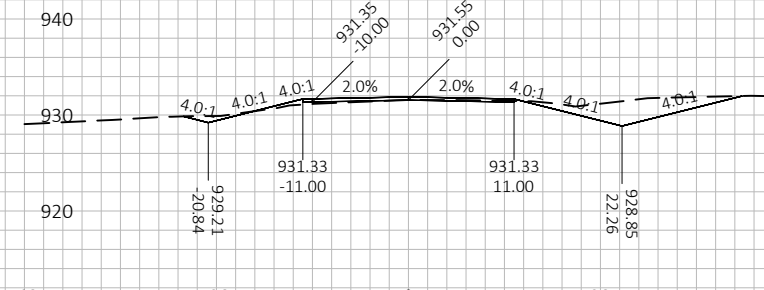
113+00.00 AP-Entrance-Cliffwood



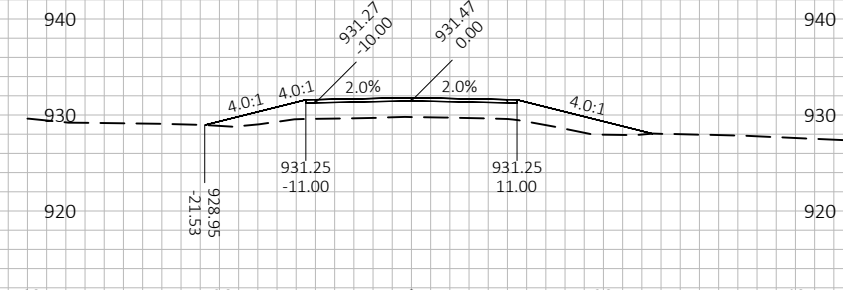
115+00.00 AP-Entrance-Cliffwood



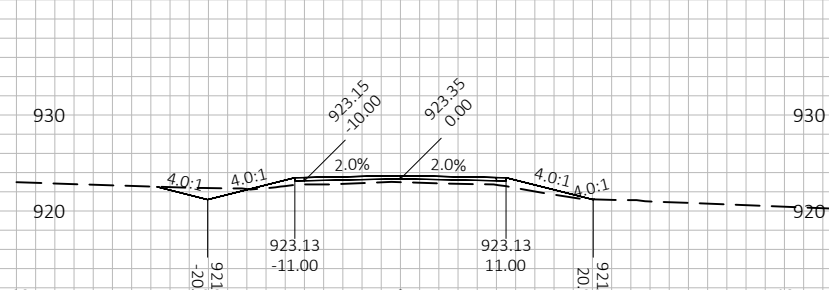
117+50.00 AP-Entrance-Cliffwood



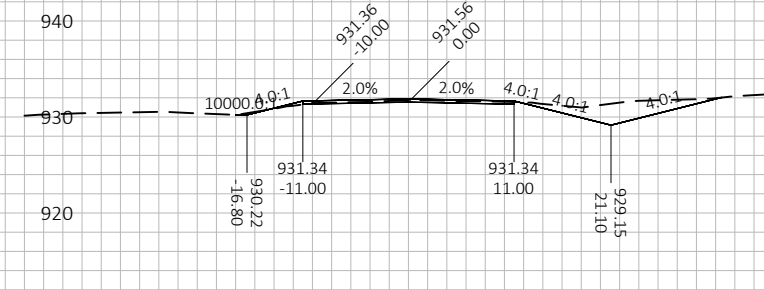
112+50.00 AP-Entrance-Cliffwood



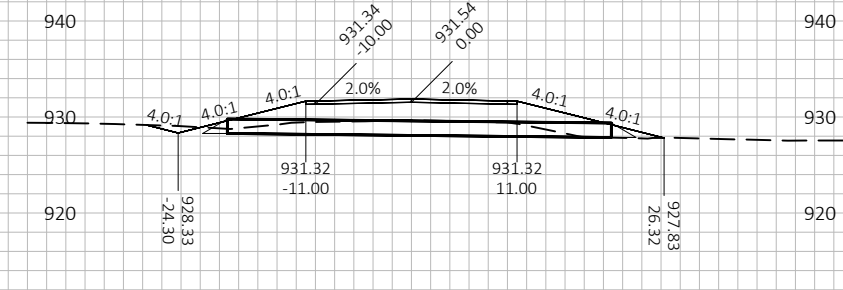
114+50.00 AP-Entrance-Cliffwood



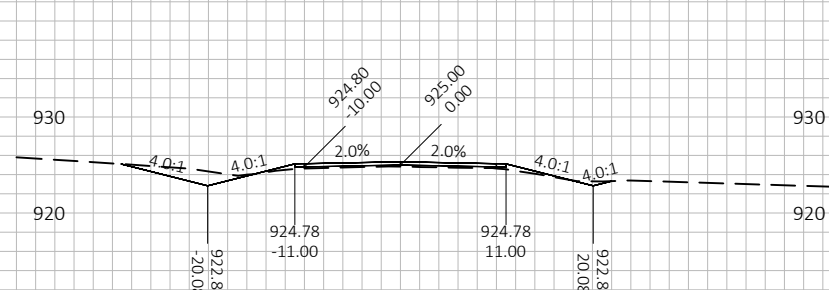
117+00.00 AP-Entrance-Cliffwood



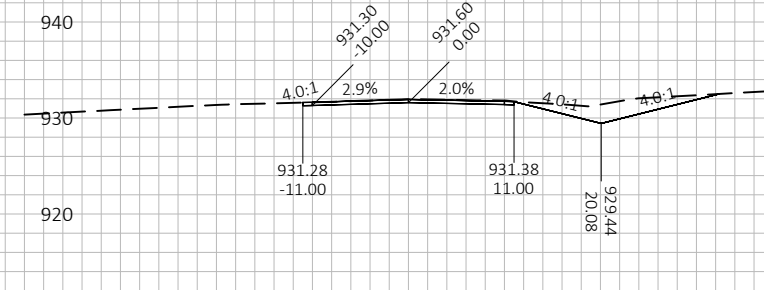
112+00.00 AP-Entrance-Cliffwood



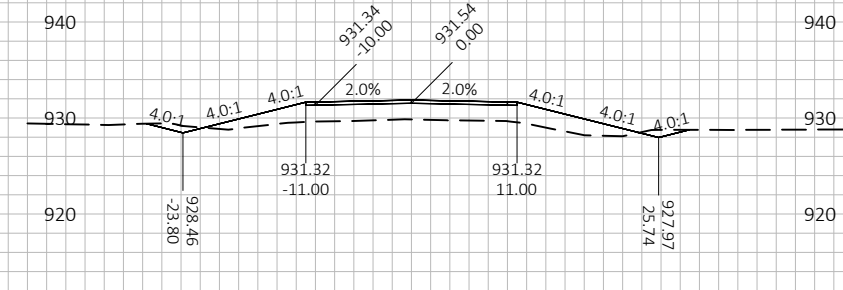
114+25.00 AP-Entrance-Cliffwood  
18"X40' CORRUGATED METAL PIPE ENDWALL REQUIRED  
SKEW 0.0° LHF



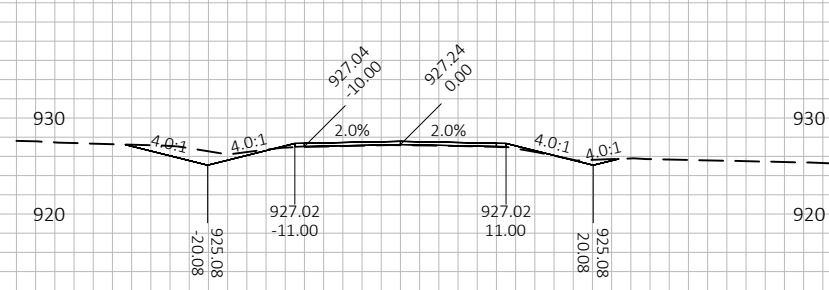
116+50.00 AP-Entrance-Cliffwood



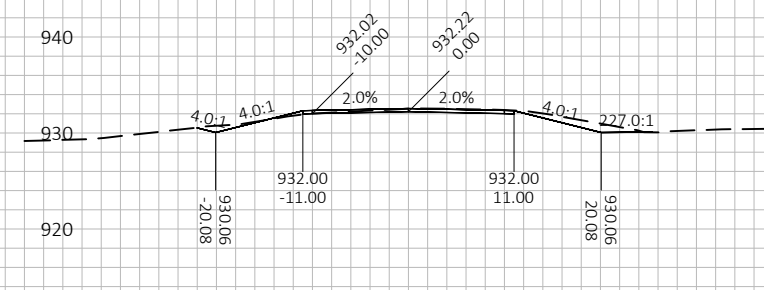
111+50.00 AP-Entrance-Cliffwood



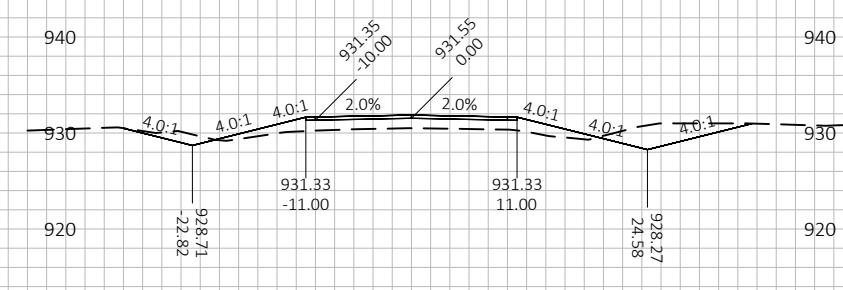
114+00.00 AP-Entrance-Cliffwood



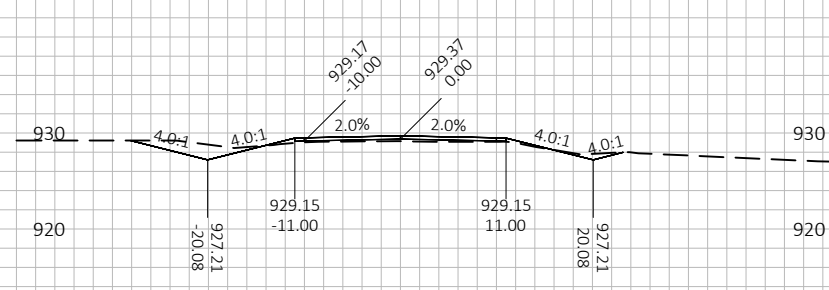
116+00.00 AP-Entrance-Cliffwood



111+00.00 AP-Entrance-Cliffwood



113+50.00 AP-Entrance-Cliffwood



115+50.00 AP-Entrance-Cliffwood



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.673.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

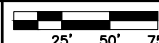
Sheet Title:

CROSS SECTIONS

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |

Graphic Scale



DFD Number

24E7Z

Set Type

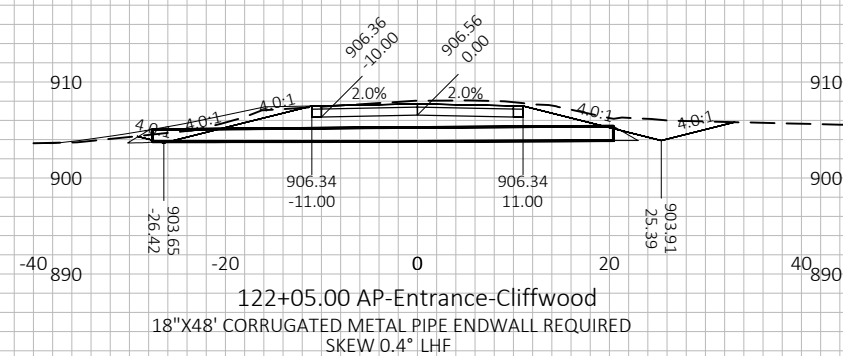
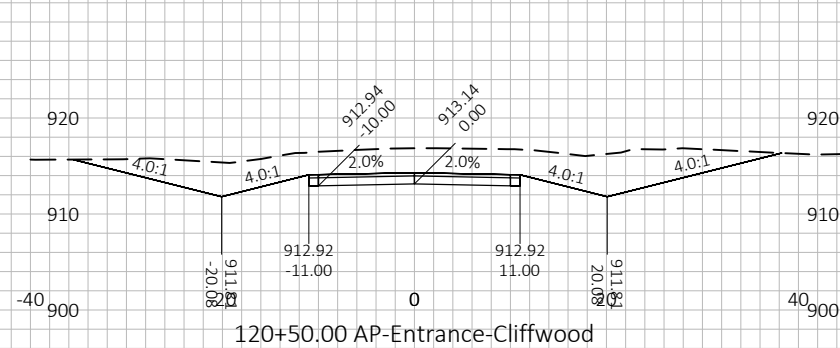
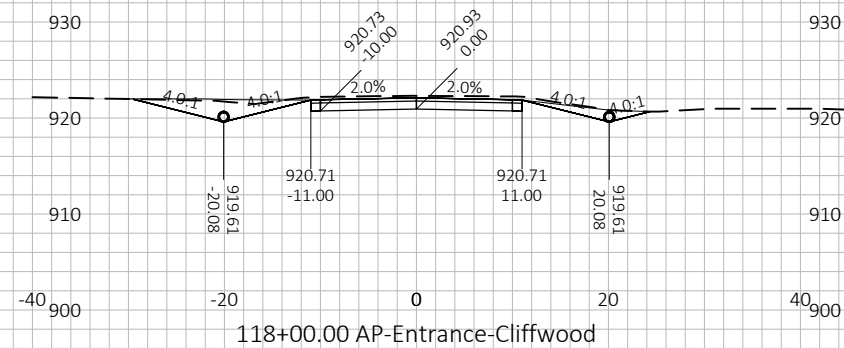
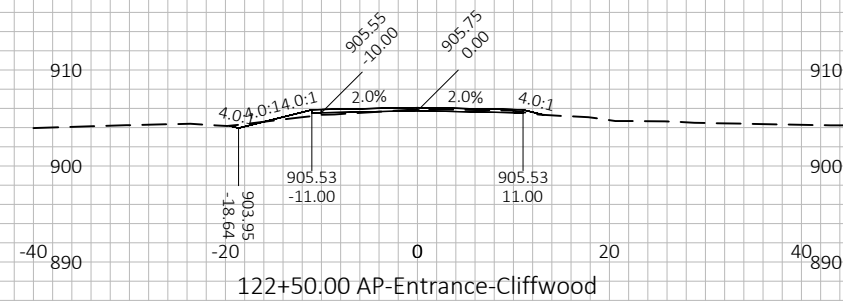
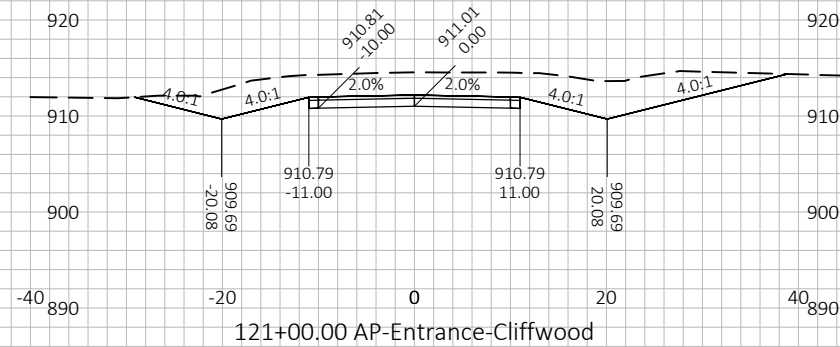
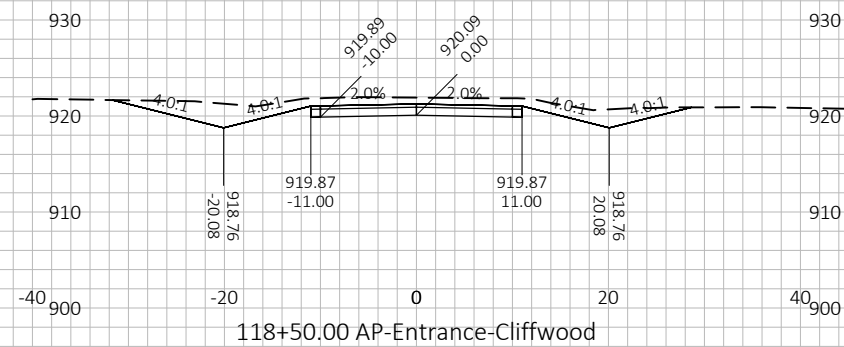
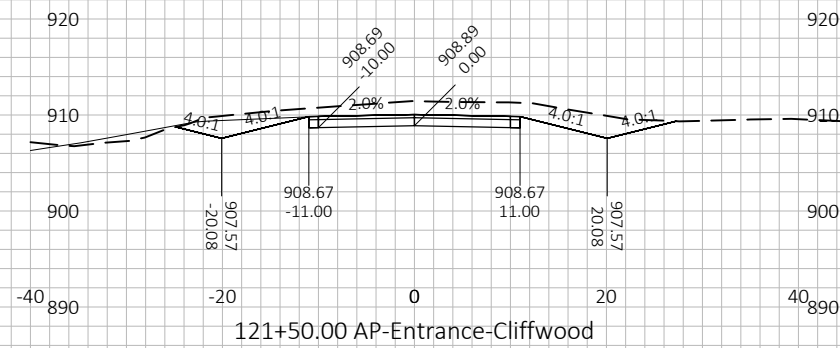
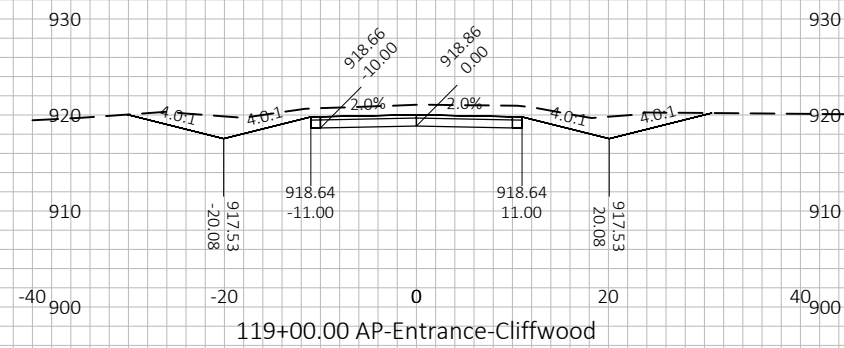
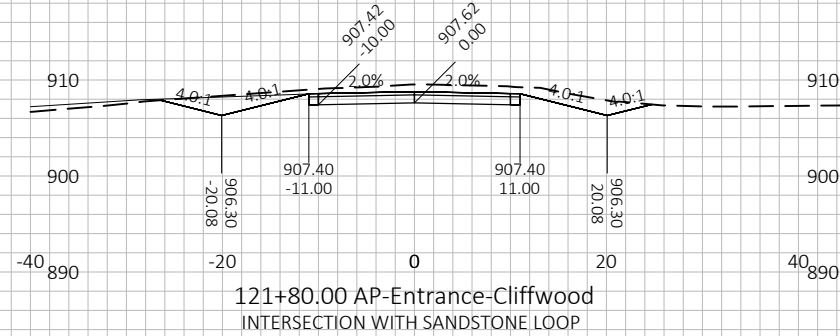
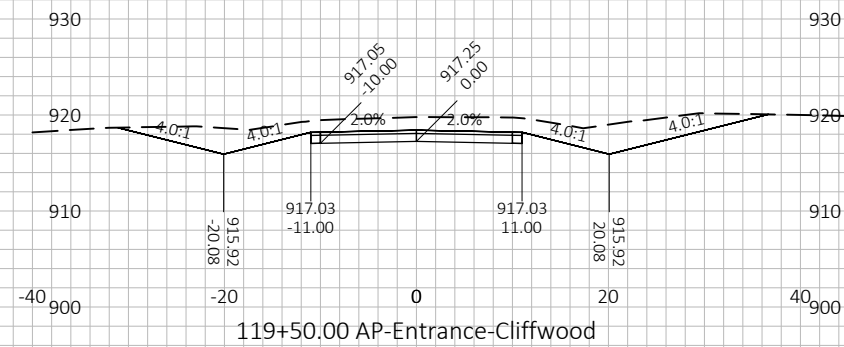
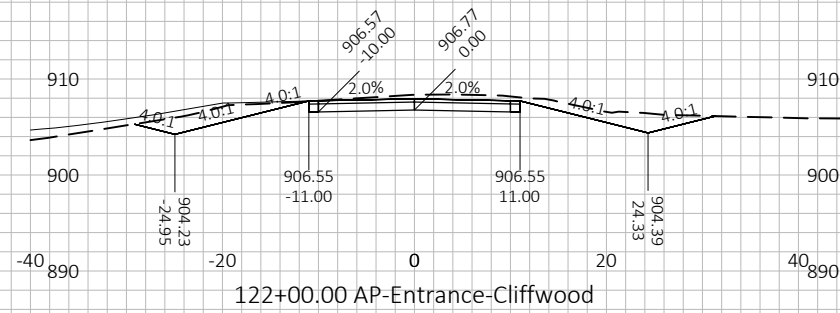
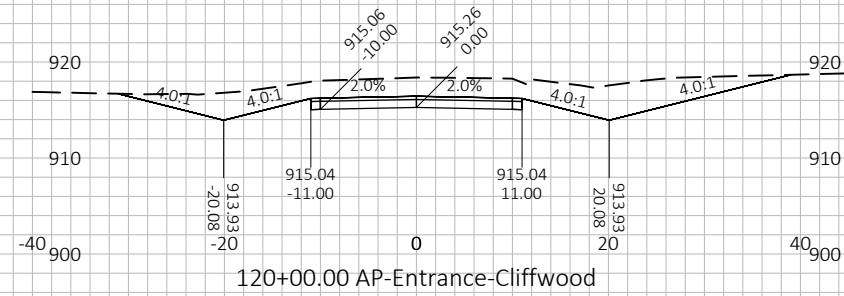
BD

Date Issued

11/12/2025

Sheet Number

C800



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.673.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091



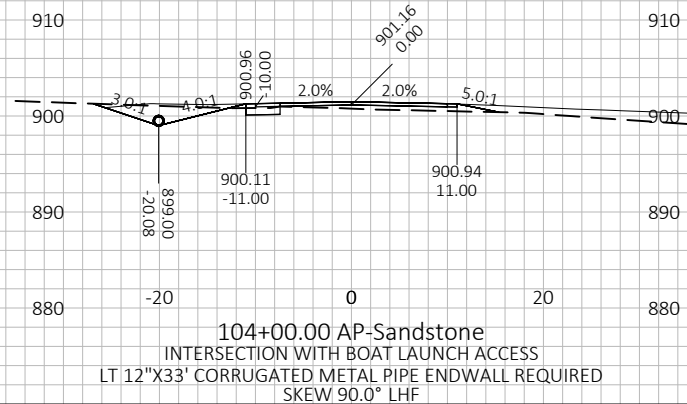
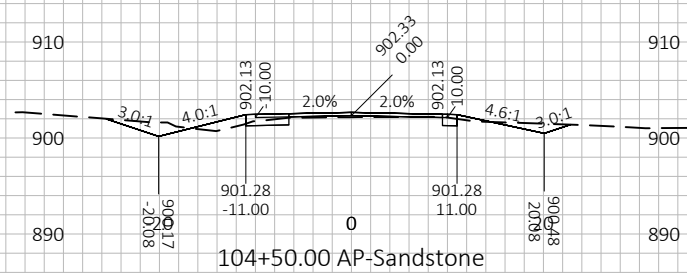
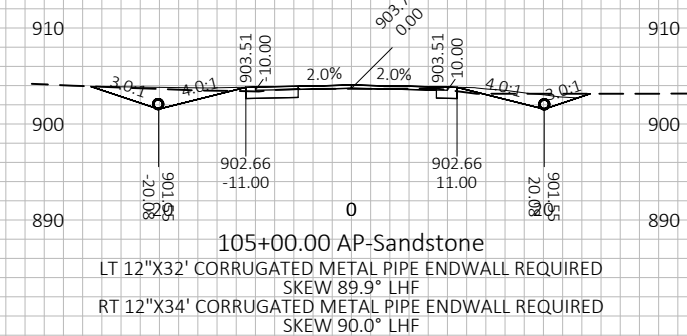
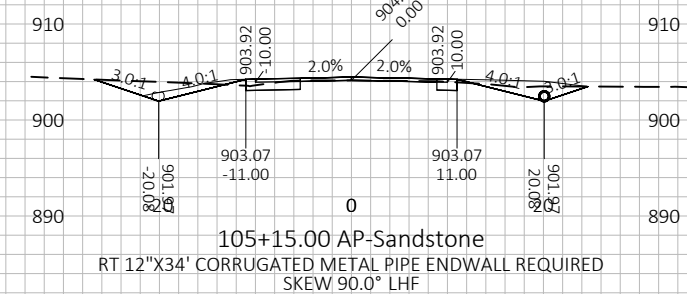
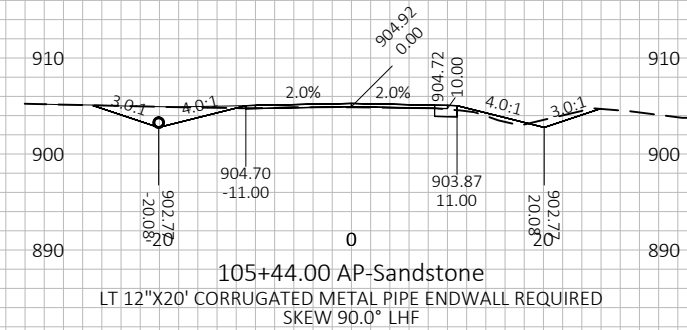
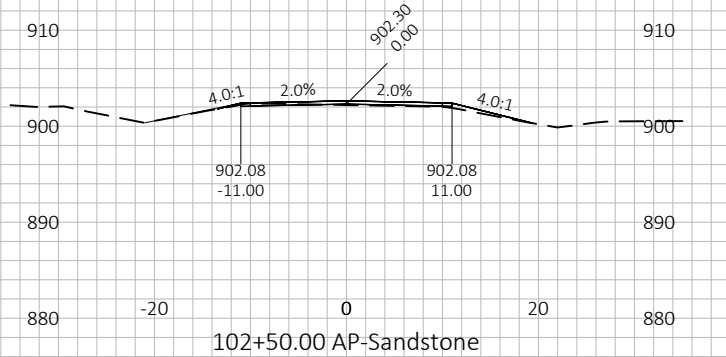
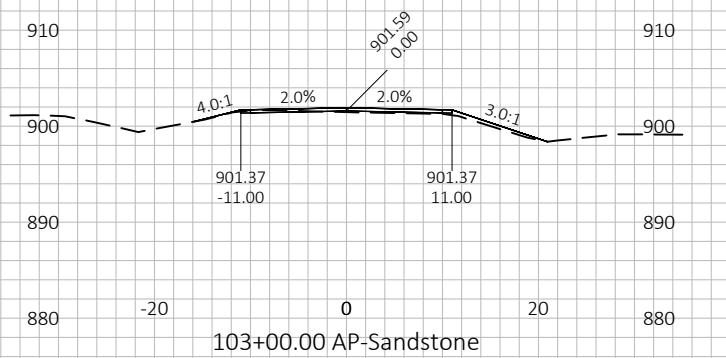
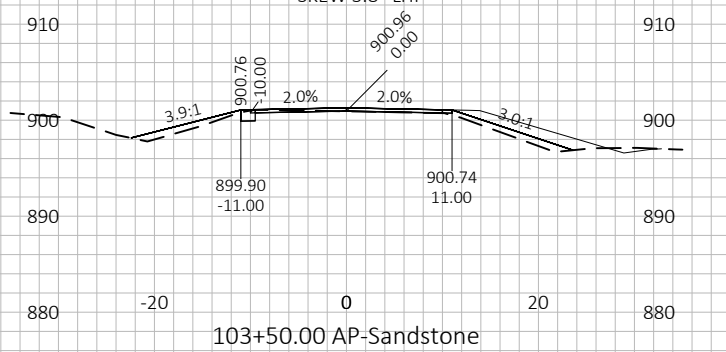
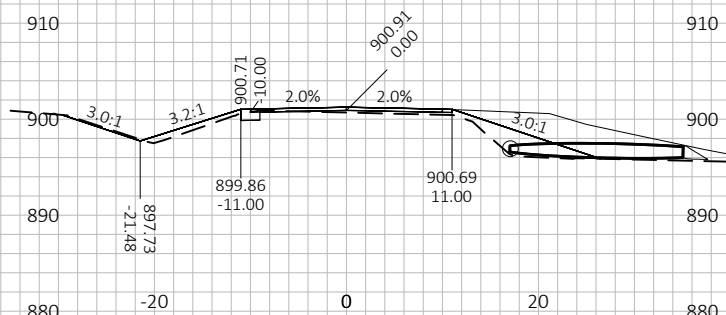
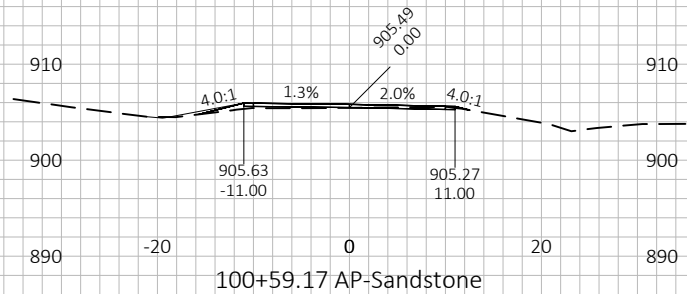
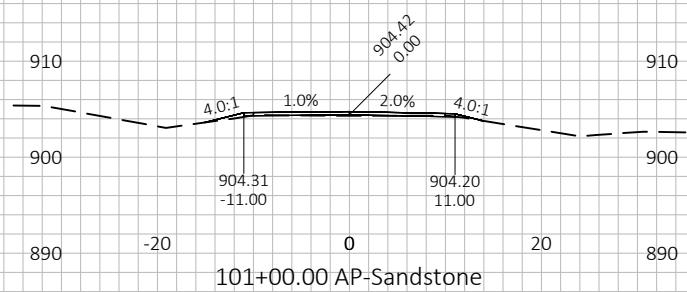
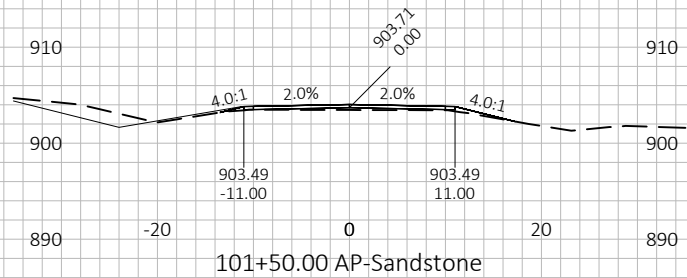
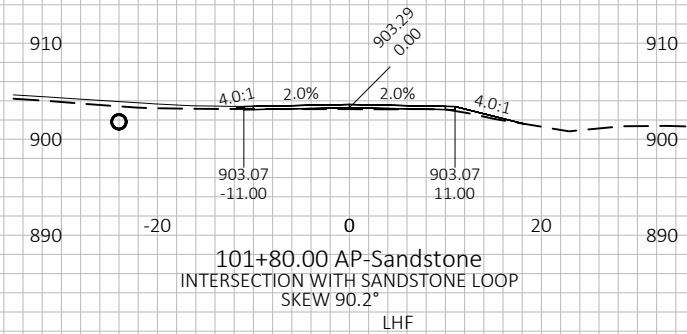
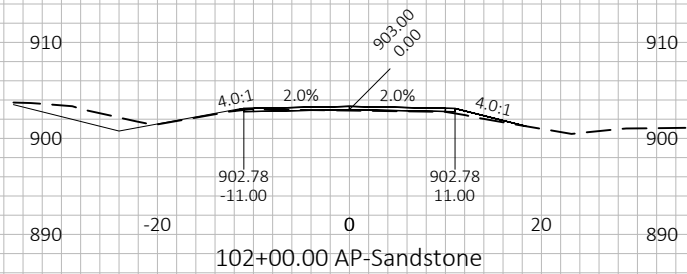
E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet title:  
**CROSS SECTIONS**

[illegible]

|               |                                                                                       |
|---------------|---------------------------------------------------------------------------------------|
| Graphic Scale |  |
| DFD Number    | 24E7Z                                                                                 |
| Set Type      | BD                                                                                    |
| Date Issued   | 11/12/2025                                                                            |
| Sheet Number  | C801                                                                                  |



4654 S. BALTIMORE LN.  
MADISON, WI 53718  
PHONE: 608.673.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



E10320 FERN DELL RD  
BARABOO, WI 53913

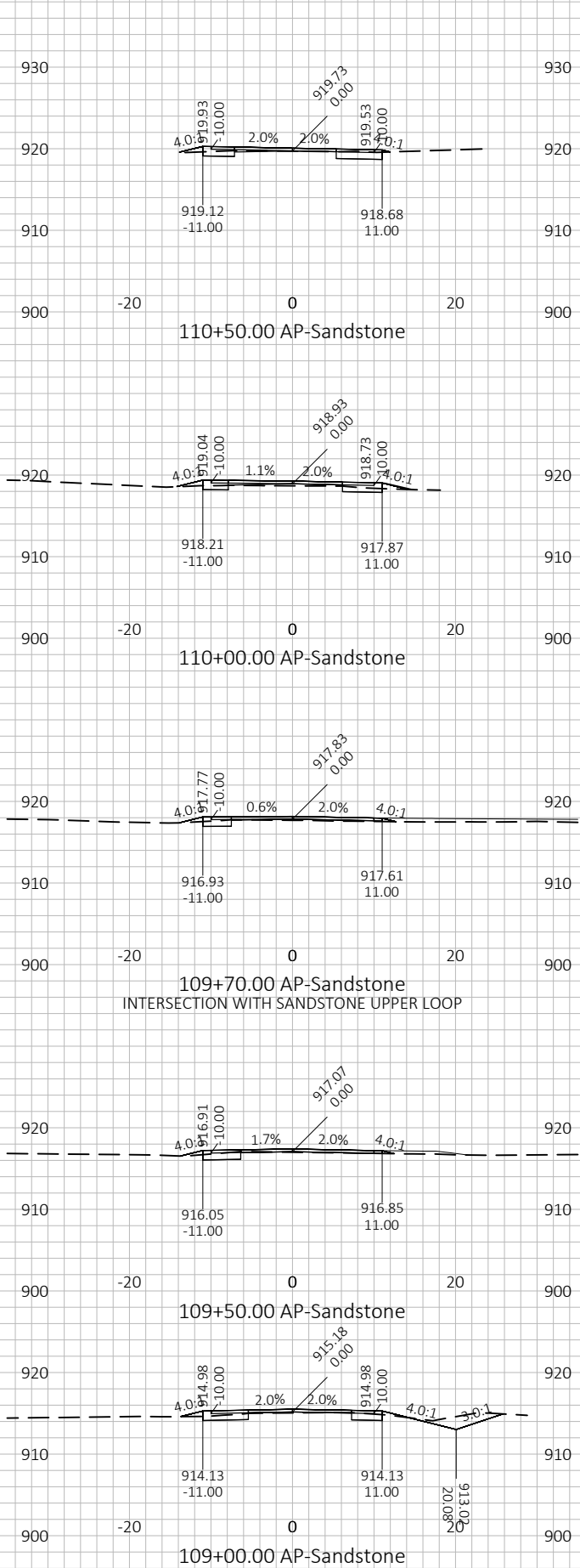
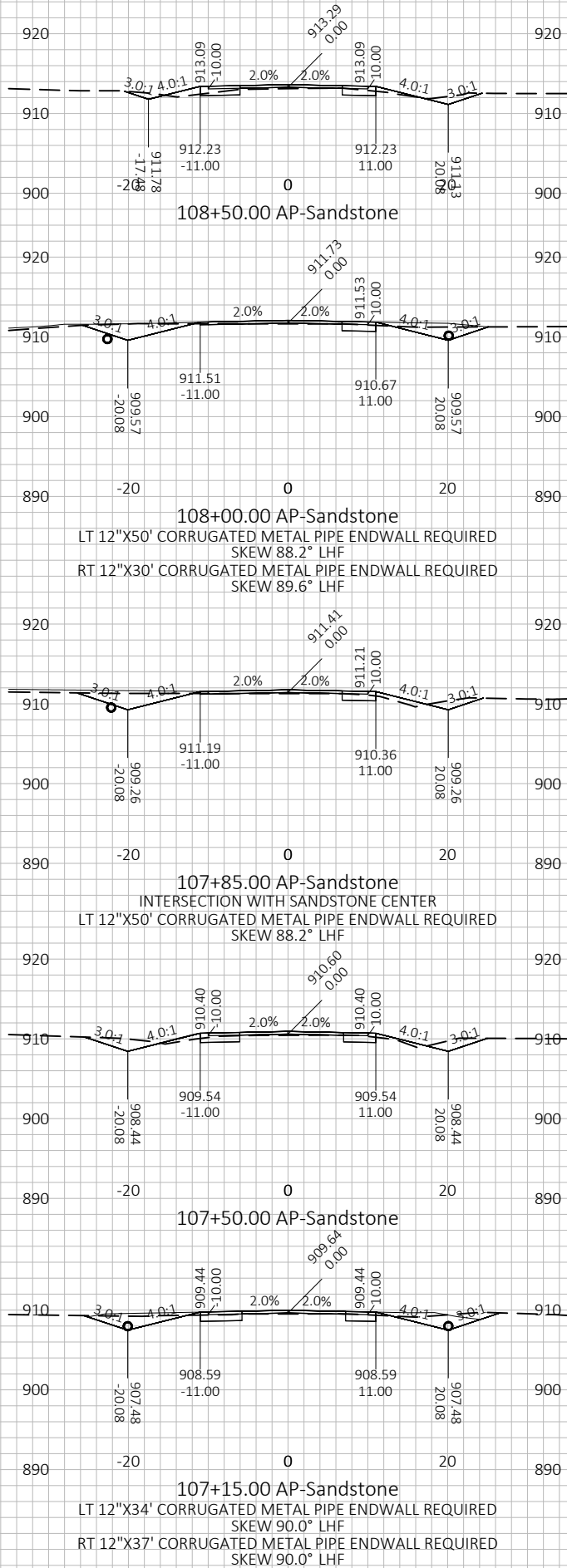
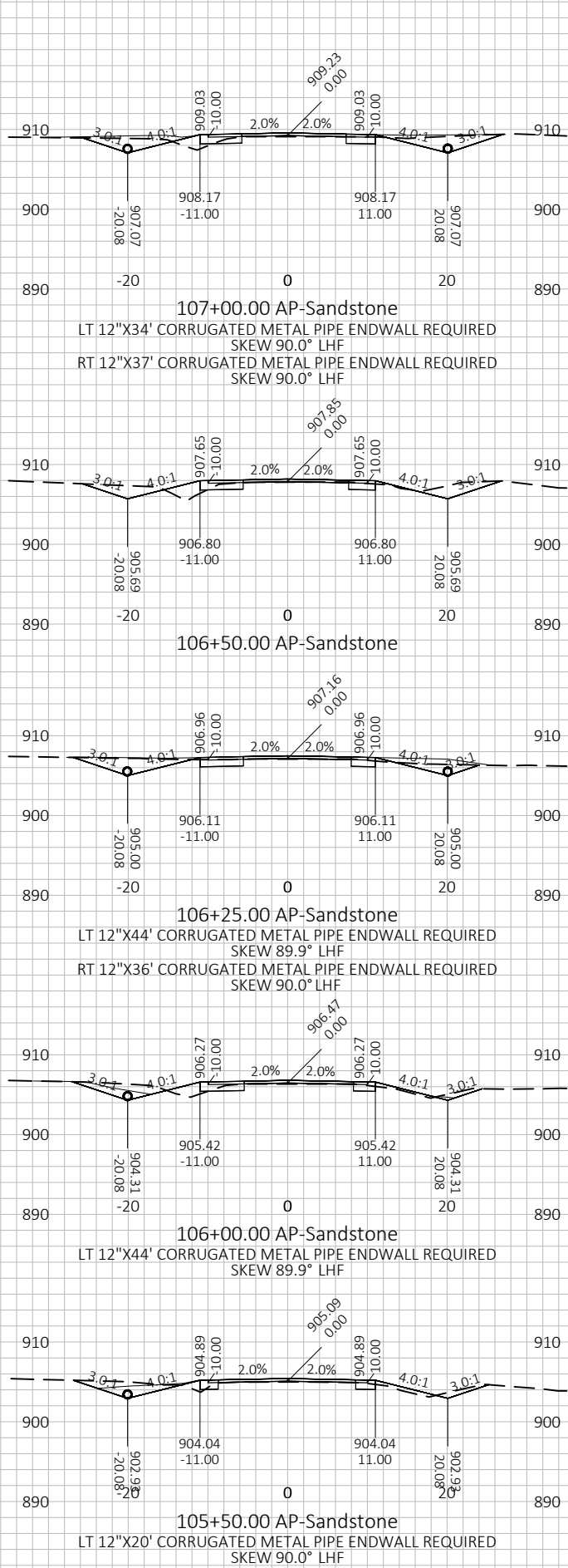
MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
CROSS SECTIONS

| Revisions: |       |              |
|------------|-------|--------------|
| No.        | Date: | Description: |
|            |       |              |
|            |       |              |
|            |       |              |

|               |            |
|---------------|------------|
| Graphic Scale |            |
| DFD Number    | 24E7Z      |
| Set Type      | BD         |
| Date Issued   | 11/12/2025 |
| Sheet Number  | C802       |





4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.673.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



E10320 FERN DELL RD  
BARABOO, WI 53913

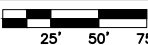
MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
CROSS SECTIONS

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

Graphic  
Scale



DFD  
Number

24E7Z

Set  
Type

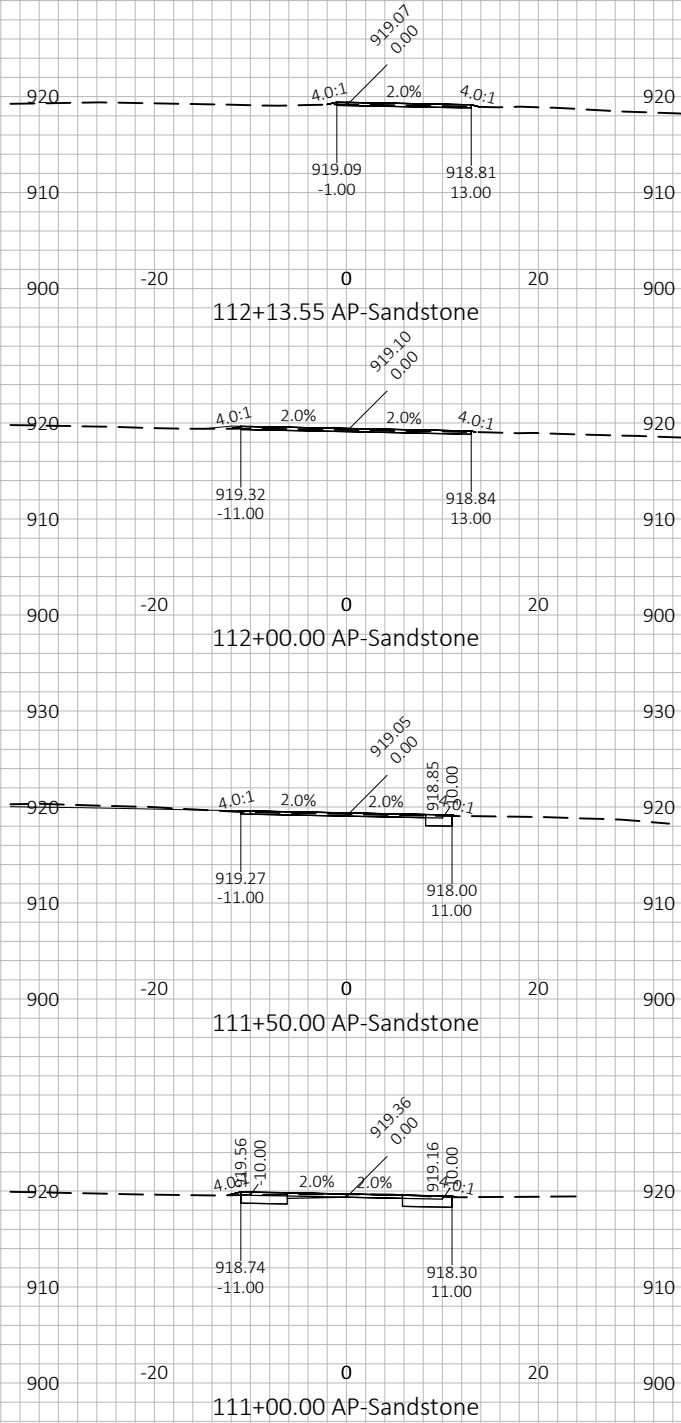
BD

Date  
Issued

11/12/2025

Sheet  
Number

C803





4654 S. BLTMORE LN.  
MADISON, WI 53718  
PHONE: 608.673.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
CROSS SECTIONS

Revisions:  
No. Date: Description:

|  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

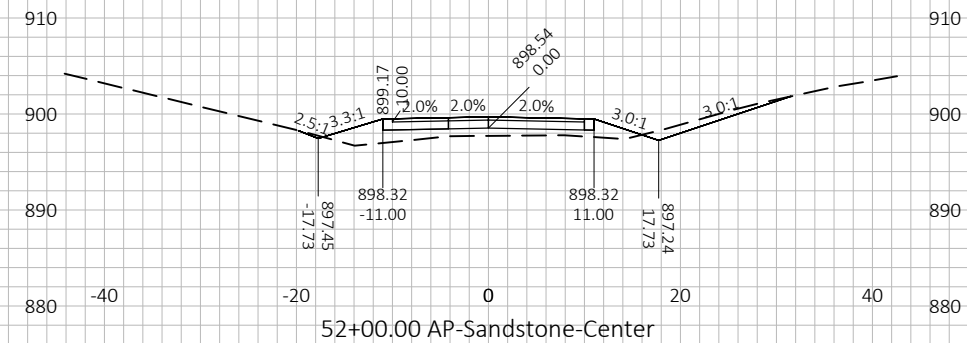
Graphic Scale  
25' 50' 75'

DFD Number  
24E7Z

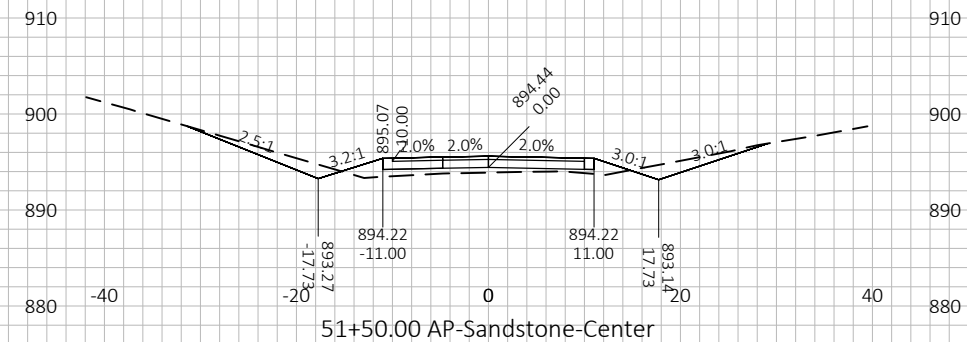
Set Type  
BD

Date Issued  
11/12/2025

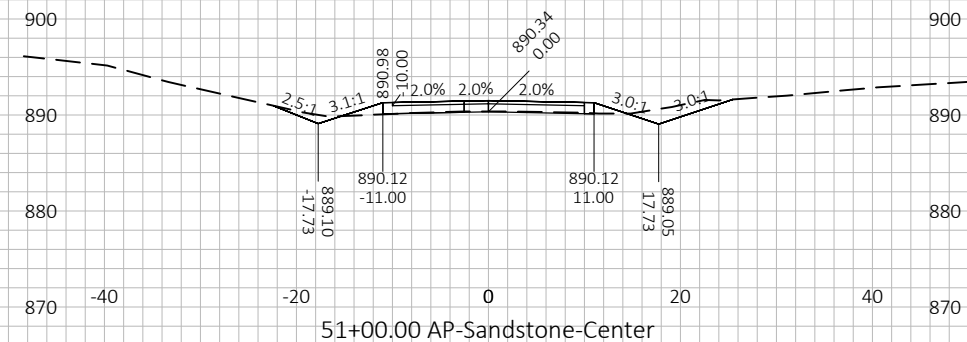
Sheet Number  
C804



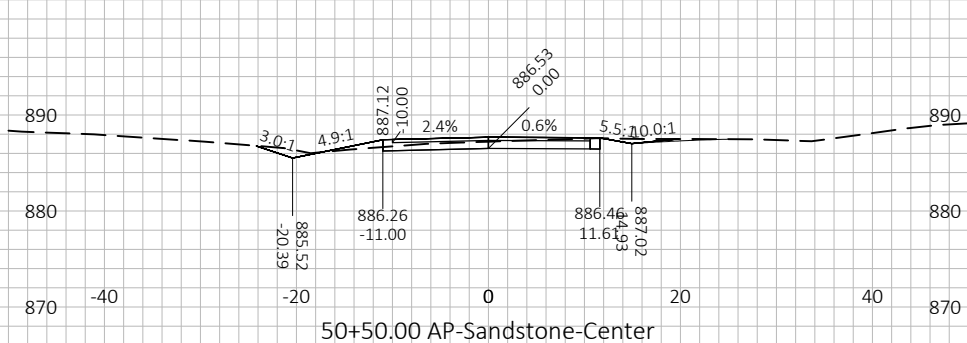
52+00.00 AP-Sandstone-Center



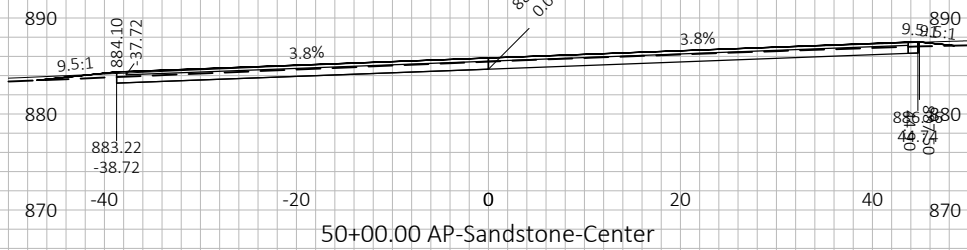
51+50.00 AP-Sandstone-Center



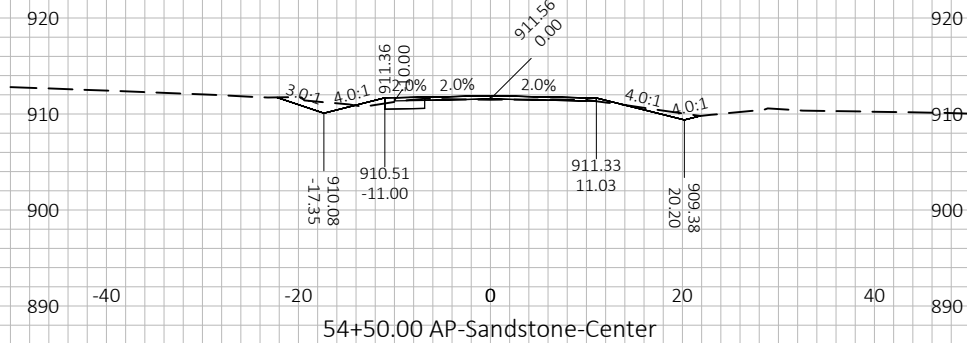
51+00.00 AP-Sandstone-Center



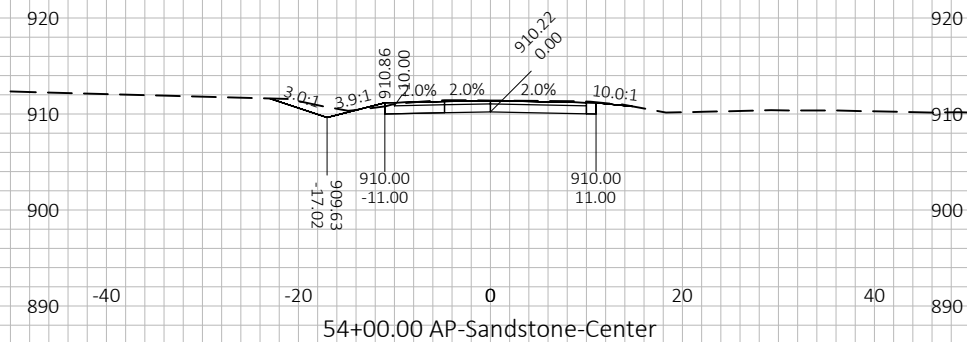
50+50.00 AP-Sandstone-Center



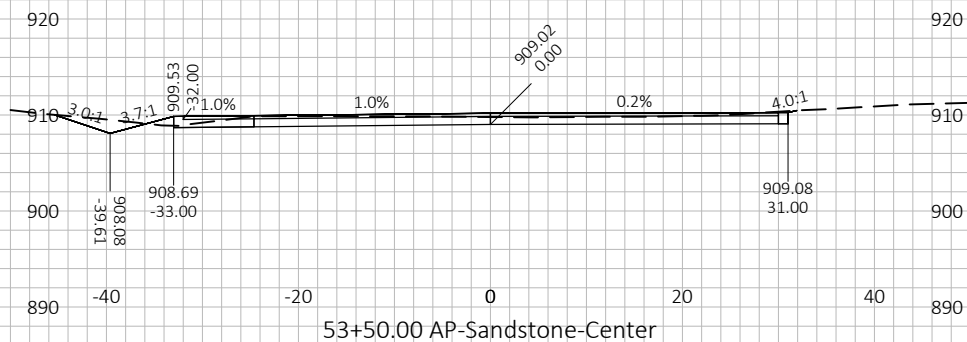
50+00.00 AP-Sandstone-Center



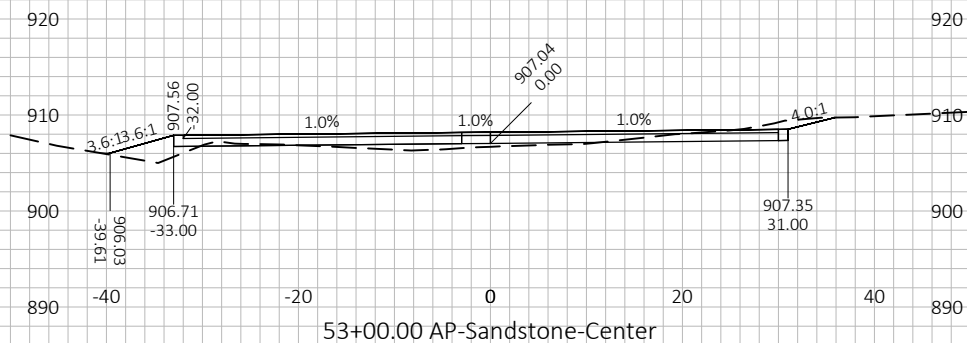
54+50.00 AP-Sandstone-Center



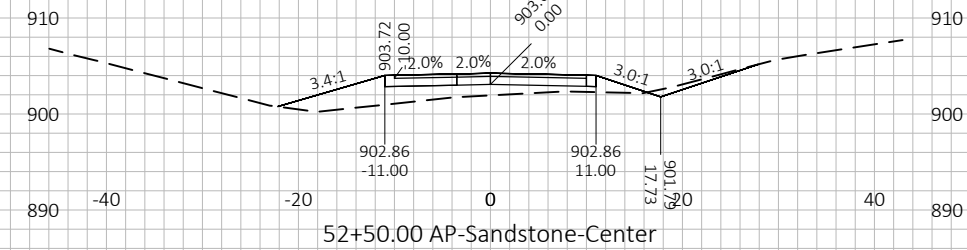
54+00.00 AP-Sandstone-Center



53+50.00 AP-Sandstone-Center



53+00.00 AP-Sandstone-Center



52+50.00 AP-Sandstone-Center



4654 S. BLTMOORE LN.  
MADISON, WI 53718  
PHONE: 608.673.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

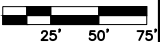
Sheet Title:

CROSS SECTIONS

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

Graphic Scale



DFD Number

24E7Z

Set Type

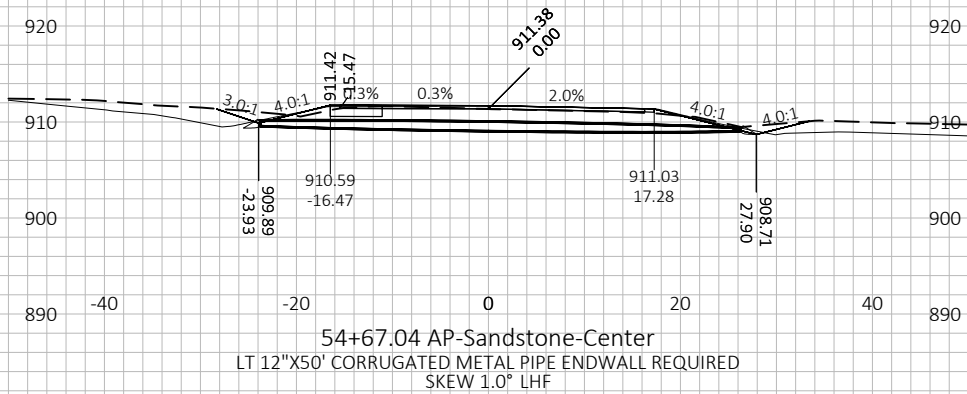
BD

Date Issued

11/12/2025

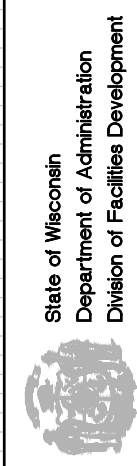
Sheet Number

C805





4654 S. BLTMORE LN.  
MADISON, WI 53718  
PHONE: 608.673.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091



State of Wisconsin  
Department of Administration  
Division of Facilities Development

E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
CROSS SECTIONS

Revisions:  
No. Date: Description:

|  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Graphic Scale  
25' 50' 75'

DFD Number  
24E7Z

Set Type  
BD

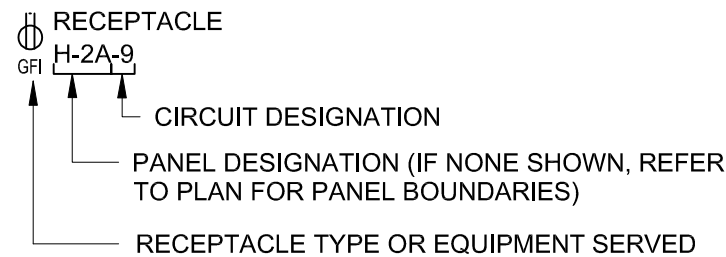
Date Issued  
11/12/2025

Sheet Number  
C806

## ELECTRICAL SYMBOLS AND ANNOTATIONS:

## POWER

## RECEPTACLE NOTATIONS



GFI - GROUND FAULT INTERRUPTOR

## POWER CONNECTION TYPES

ALL RECEPTACLES WALL MOUNTED AT 18" AFF TO  
CENTER OF DEVICE UNLESS NOTED OTHERWISE



## EQUIPMENT

## POWER DISTRIBUTION



## LIGHTING

## FIXTURES



## LIGHTING CONTROLS

## CONTROLS NOTATIONS



## ABBREVIATIONS

|     |                       |
|-----|-----------------------|
| EC  | ELECTRICAL CONTRACTOR |
| ETR | EXISTING TO REMAIN    |

GENERAL NOTES:

1. REFER TO SHEET E000 FOR ALL SYMBOLS AND ABBREVIATIONS.
2. REFER TO TEMPORARY ELECTRICAL WORK SECTION IN DIVISION 1 GENERAL REQUIREMENTS OF PROJECT MANUAL FOR ALL TEMPORARY ELECTRICAL REQUIREMENTS.
3. EQUIPMENT LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
4. CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH EXISTING ELECTRICAL SYSTEMS WHICH WILL BE AFFECTED BY THE DEMOLITION WORK. CONTRACTOR SHALL OBTAIN PERMISSION FROM DNR OFFICER TO SHUT-OFF SERVICES OR SYSTEMS WHICH MAY AFFECT OTHER AREAS BEYOND THE LIMITS OF THE IMMEDIATE DEMOLITION AREA. SUCH PERMISSION WILL BE GRANTED ONLY AFTER DNR OFFICER IS INFORMED AS TO THE REASON FOR AND DURATION OF THE SHUTDOWN AND IS SATISFIED THAT THE SHUTDOWN CAN BE MADE WITH AS LITTLE INCONVENIENCE TO THE OTHER AREAS AS POSSIBLE.
5. ELECTRICAL CONTRACTOR TO DE-ENERGIZE ANY/ALL EQUIPMENT DESIGNATED FOR DEMOLITION PRIOR TO REMOVAL.
6. WHERE EXISTING PANELS ARE BEING REUSED, PROVIDE NEW BREAKER(S) IN EXISTING PANEL(S) TO FEED ANY/ALL NEW LOADS SHOWN ON PLANS.
7. ALL EXISTING ELECTRICAL EQUIPMENT NOTED WITH A SUBSCRIPT "ETR" SHALL BE PROPERLY PROTECTED AGAINST DAMAGE DURING THE PERIOD OF THIS RENOVATION.
8. REFER TO SHEET C108 FOR EXISTING SITE PLAN.

## ELECTRICAL SHEET INDEX

E000 - SYMBOLS AND ABBREVIATIONS - ELECTRICAL  
E100 - VAULT TOILET #4499 - ELECTRICAL DEMOLITION  
E200 - VAULT TOILET #4499 - ELECTRICAL NEW WORK  
E601 - ONE-LINE DIAGRAM - ELECTRICAL  
E801 - ELECTRICAL PANEL SCHEDULES  
E901 - ELECTRICAL DETAILS  
E902 - ELECTRICAL DETAILS  
E903 - ELECTRICAL DETAILS  
E904 - ELECTRICAL DETAILS



|                                                                                                                                                                              |            |                                                                                                             |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------------------|--|
|                                                                                            |            | 4654 S. BILTMORE LN.<br>MADISON, WI 53718<br>PHONE: 608.673.4400<br>KAPURINC.COM<br>PROJECT NUMBER: 23.0091 |  |
|  State of Wisconsin<br>Department of Administration<br>Division of Facilities Development |            | E10320 FERN DELL RD<br>BARABOO, WI 53913                                                                    |  |
| MIRROR LAKE PAVING<br>MIRROR LAKE STATE PARK<br>DEPARTMENT OF NATURAL RESOURCES<br>BARABOO, WISCONSIN                                                                        |            | Sheet Title:<br>SYMBOLS AND ABBREVIATIONS – ELECTRICAL                                                      |  |
| Revisions:                                                                                                                                                                   |            |                                                                                                             |  |
| No.                                                                                                                                                                          | Date:      | Description:                                                                                                |  |
|                                                                                                                                                                              |            |                                                                                                             |  |
|                                                                                                                                                                              |            |                                                                                                             |  |
|                                                                                                                                                                              |            |                                                                                                             |  |
|                                                                                                                                                                              |            |                                                                                                             |  |
|                                                                                                                                                                              |            |                                                                                                             |  |
|                                                                                                                                                                              |            |                                                                                                             |  |
| Graphic Scale                                                                                                                                                                | NONE       |                                                                                                             |  |
| DFD Number                                                                                                                                                                   | 24E7Z      |                                                                                                             |  |
| Set Type                                                                                                                                                                     | BD         |                                                                                                             |  |
| Date Issued                                                                                                                                                                  | 11/12/2025 |                                                                                                             |  |
| Sheet Number                                                                                                                                                                 | E000       |                                                                                                             |  |

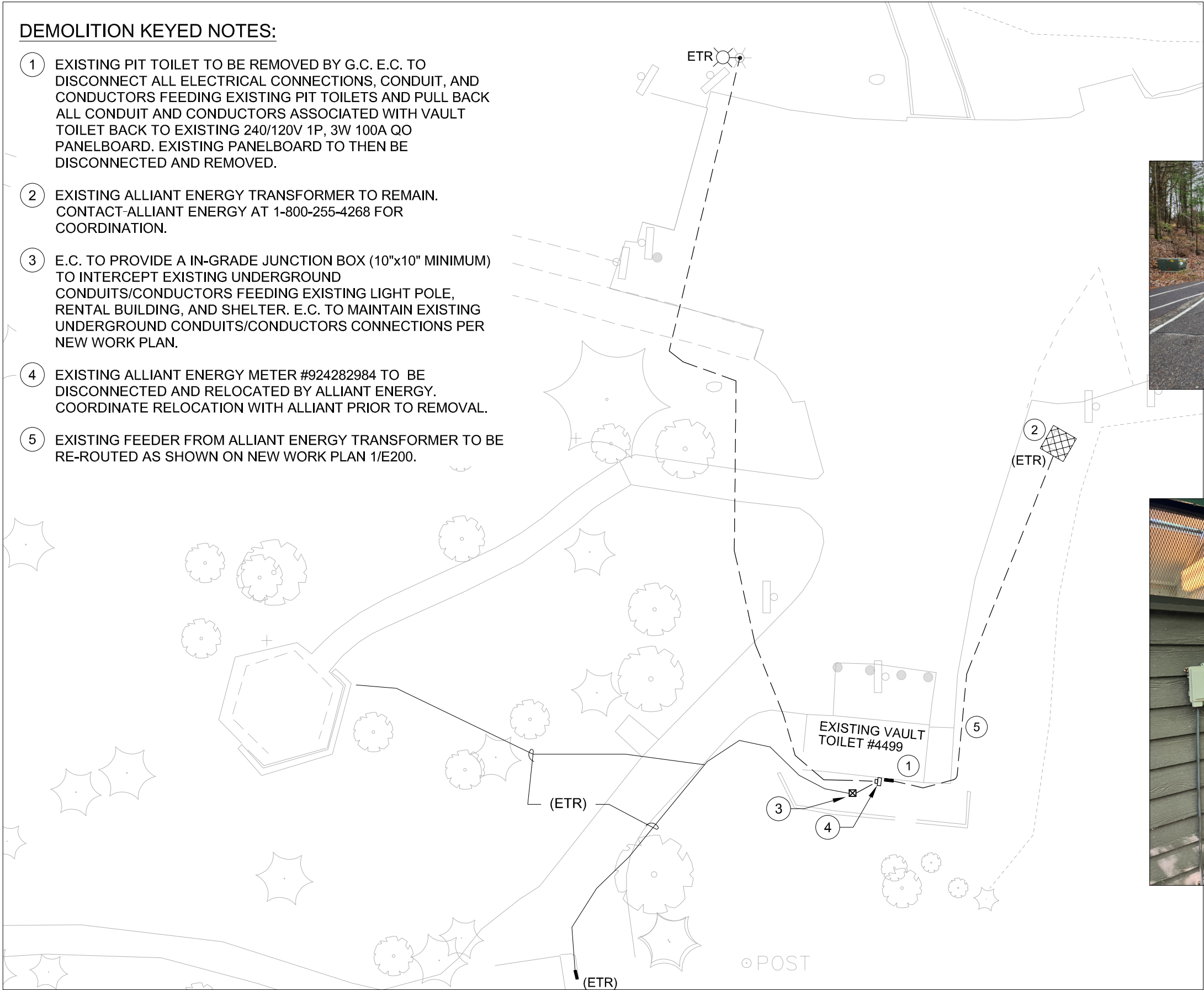


DEMOLITION KEYED NOTES:

- 1 EXISTING PIT TOILET TO BE REMOVED BY G.C. E.C. TO DISCONNECT ALL ELECTRICAL CONNECTIONS, CONDUIT, AND CONDUCTORS FEEDING EXISTING PIT TOILETS AND PULL BACK ALL CONDUIT AND CONDUCTORS ASSOCIATED WITH VAULT TOILET BACK TO EXISTING 240/120V 1P, 3W 100A QO PANELBOARD. EXISTING PANELBOARD TO THEN BE DISCONNECTED AND REMOVED.
- 2 EXISTING ALLIANT ENERGY TRANSFORMER TO REMAIN. CONTACT-ALLIANT ENERGY AT 1-800-255-4268 FOR COORDINATION.
- 3 E.C. TO PROVIDE A IN-GRADE JUNCTION BOX (10"x10" MINIMUM) TO INTERCEPT EXISTING UNDERGROUND CONDUITS/CONDUCTORS FEEDING EXISTING LIGHT POLE, RENTAL BUILDING, AND SHELTER. E.C. TO MAINTAIN EXISTING UNDERGROUND CONDUITS/CONDUCTORS CONNECTIONS PER NEW WORK PLAN.
- 4 EXISTING ALLIANT ENERGY METER #924282984 TO BE DISCONNECTED AND RELOCATED BY ALLIANT ENERGY. COORDINATE RELOCATION WITH ALLIANT PRIOR TO REMOVAL.
- 5 EXISTING FEEDER FROM ALLIANT ENERGY TRANSFORMER TO BE RE-ROUTED AS SHOWN ON NEW WORK PLAN 1/E200.

NOTES:

- 1. REFER TO SHEET E000 FOR ALL GENERAL NOTES AND KEYED NOTES.



1 VAULT TOILET #4499 - ELECTRICAL DEMOLITION  
E100

0' 10' 20' 30'



**JDR**  
ENGINEERING, INC.  
5525 NOBEL DRIVE  
SUITE 110  
MADISON, WI 53711  
PH: 608.277.1728 FAX: 608.271.7046  
JDR PROJECT NO. 25.0072

**Kapur**  
4654 S. BLTMORE LN.  
MADISON, WI 53718  
PHONE: 608.673.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
VAULT TOILET #4499 - ELECTRICAL DEMOLITION

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

|               |            |
|---------------|------------|
| Graphic Scale | SEE PLANS  |
| DFD Number    | 24E7Z      |
| Set Type      | BD         |
| Date Issued   | 11/12/2025 |
| Sheet Number  | E100       |

NEW WORK KEYED NOTES:

- 1

E.C. TO COORDINATE EXACT ROUTING OF NEW UNDERGROUND CONDUIT WITH OTHER TRADES PRIOR TO ROUGH-IN.
- 2

E.C. TO PROVIDE FREE STANDING STRUCTURE AND MOUNT PANEL, METER, SWITCH AND RECEPTACLE TO STRUCTURE. REFER TO DETAIL 1/E901 FOR MORE INFORMATION.
- 3

E.C. TO PROVIDE A 20A/1P BREAKER IN NEW PANEL WITH #10 CONDUCTORS AND 3/4" CONDUIT TO FEED CONNECTION ON NEW VAULT TOILET. COORDINATE LOCATION OF CONNECTION WITH VAULT TOILET CONTRACTOR PRIOR TO ROUGH-IN. REFER TO DETAIL 1/E902 FOR MORE INFORMATION.
- 4

E.C. TO PROVIDE A NEW NEMA 3R 240/120V 1P, 3W 100A 20 POLE PANELBOARD TO COMPLY WITH NEC 230.71(A). COORDINATE EXACT LOCATION OF PANEL WITH OTHER TRADES PRIOR TO ROUGH-IN. PANEL TO BE MOUNTED ON FREE STANDING STRUCTURE. RE-FEED ALL EXISTING CIRCUITS FROM NEW PANEL/BREAKERS AS SHOWN ON PANEL SCHEDULES. REFER TO DETAIL 1/E901 FOR MORE INFORMATION.
- 5

E.C. TO COORDINATE WITH ALLIANT ENERGY TO RE-ROUTE EXISTING CONDUIT / CONDUCTORS FROM EXISTING TRANSFORMER TO NEW C/T, METER, PANEL LOCATION.
- 6

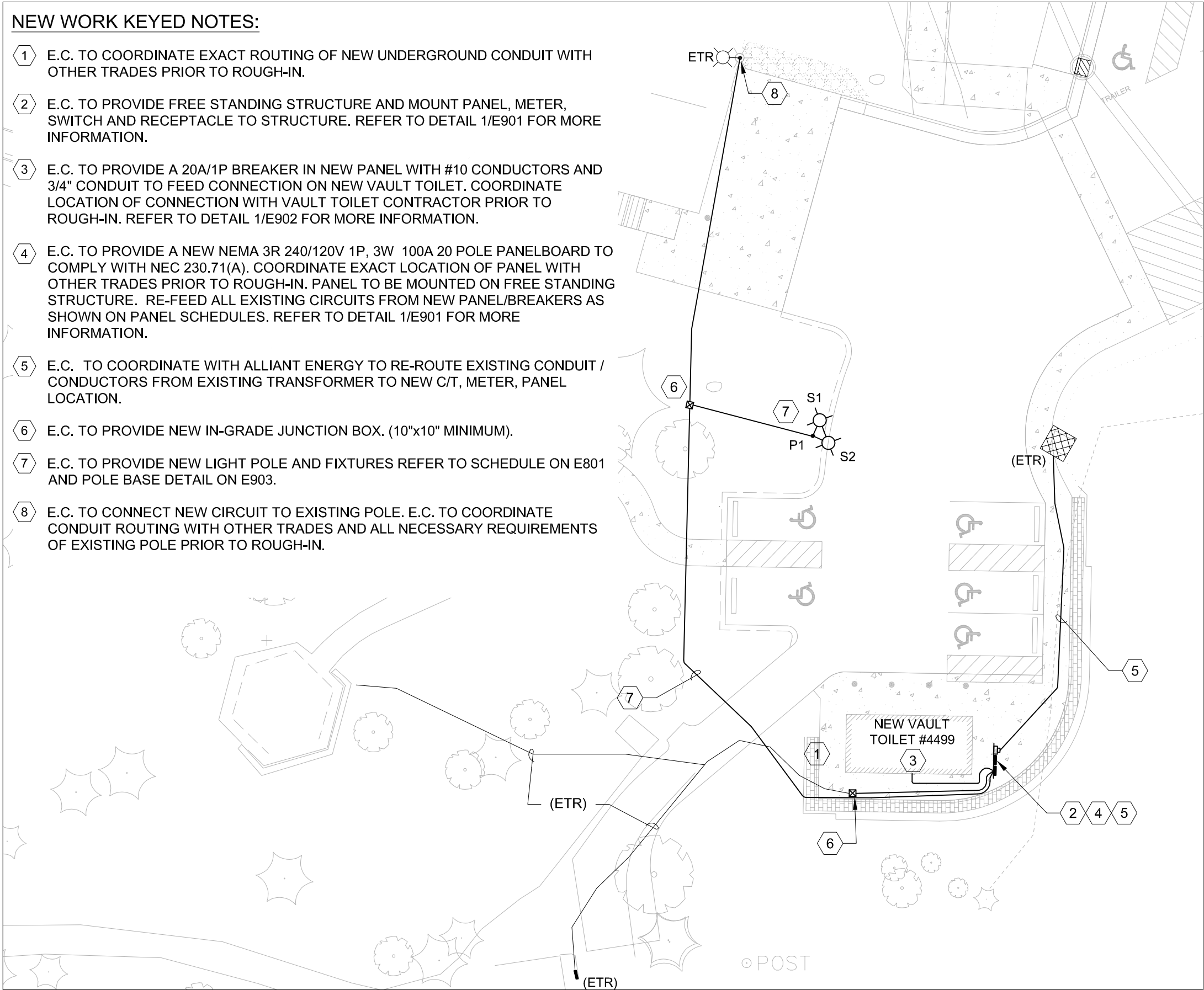
E.C. TO PROVIDE NEW IN-GRADE JUNCTION BOX. (10"x10" MINIMUM).
- 7

E.C. TO PROVIDE NEW LIGHT POLE AND FIXTURES REFER TO SCHEDULE ON E801 AND POLE BASE DETAIL ON E903.
- 8

E.C. TO CONNECT NEW CIRCUIT TO EXISTING POLE. E.C. TO COORDINATE CONDUIT ROUTING WITH OTHER TRADES AND ALL NECESSARY REQUIREMENTS OF EXISTING POLE PRIOR TO ROUGH-IN.

NOTES:

1. REFER TO SHEET E000 FOR ALL GENERAL NOTES



1

E200

VAULT TOILET #4499 - ELECTRICAL NEW WORK



JDR

ENGINEERING, INC.

5525 NOBEL DRIVE  
SUITE 110  
MADISON, WI 53711  
PH: 608.277.1728 FAX: 608.271.7046  
JDR PROJECT NO. 25.0072

Kapur

4654 S. BLTMORE LN.  
MADISON, WI 53718  
PHONE: 608.673.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
VAULT TOILET #4499 - ELECTRICAL NEW WORK

|               |            |              |
|---------------|------------|--------------|
| Revisions:    |            |              |
| No.           | Date:      | Description: |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
| Graphic Scale | SEE PLANS  |              |
| DFD Number    | 24E7Z      |              |
| Set Type      | BD         |              |
| Date Issued   | 11/12/2025 |              |
| Sheet Number  | E200       |              |



|                                                                                                       |            |                                                                                          |  |
|-------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------|--|
|                     |            | 4654 S. BILTMORE LN.<br>MADISON, WI 53718<br>PHONE: 608.673.4400<br>KAPURINC.COM         |  |
|                    |            | State of Wisconsin<br>Department of Administration<br>Division of Facilities Development |  |
| MIRROR LAKE PAVING<br>MIRROR LAKE STATE PARK<br>DEPARTMENT OF NATURAL RESOURCES<br>BARABOO, WISCONSIN |            | Sheet Title:<br>ONE-LINE DIAGRAM - ELECTRICAL                                            |  |
| Revisions:                                                                                            |            |                                                                                          |  |
| No.                                                                                                   | Date:      | Description:                                                                             |  |
|                                                                                                       |            |                                                                                          |  |
|                                                                                                       |            |                                                                                          |  |
|                                                                                                       |            |                                                                                          |  |
|                                                                                                       |            |                                                                                          |  |
|                                                                                                       |            |                                                                                          |  |
| Graphic Scale                                                                                         | NONE       |                                                                                          |  |
| DFD Number                                                                                            | 24E7Z      |                                                                                          |  |
| Set Type                                                                                              | BD         |                                                                                          |  |
| Date Issued                                                                                           | 11/12/2025 |                                                                                          |  |
| Sheet Number                                                                                          | E601       |                                                                                          |  |

| PANEL PIT TOILET          |           |     |           |   |        |            |   |        |         |   |    | DEMO                         |                         |  |   |   |
|---------------------------|-----------|-----|-----------|---|--------|------------|---|--------|---------|---|----|------------------------------|-------------------------|--|---|---|
| VOLTS 240/120 V           |           |     | PHASE 1 Ø |   |        | # WIRE 3 W |   |        |         |   |    | 100A MAIN                    |                         |  |   |   |
| DESCRIPTION               | LOAD (VA) | TY  | BREAKER   |   | CKT NO | PHASE      |   | CKT NO | BREAKER |   | TY | LOAD (VA)                    | DESCRIPTION             |  |   |   |
|                           |           |     | AMP       | P |        | A          | B |        | AMP     | P |    |                              |                         |  |   |   |
| SPACE                     |           |     | -         | - | 1      | 0          |   | 2      | -       | - |    |                              | SPACE                   |  |   |   |
| SPACE                     |           |     | -         | - | 3      |            | 0 | 4      | -       | - |    |                              | SPACE                   |  |   |   |
| SPACE                     |           |     | -         | - | 5      |            |   | 6      | -       | - |    |                              | SPACE                   |  |   |   |
| SPACE                     |           |     | -         | - | 7      | 0          |   | 8      | -       | - |    |                              | SPACE                   |  |   |   |
| SPACE                     |           |     | -         | - | 9      |            | 0 | 10     | -       | - |    |                              | SPACE                   |  |   |   |
| SPACE                     |           |     | -         | - | 11     |            |   | 12     | -       | - |    |                              | SPACE                   |  |   |   |
| SHELTER BY LAKE           |           |     | 20        | 1 | 13     | 0          |   | 14     | 60      | 2 |    |                              | RENTAL AREA CAMPER PED. |  |   |   |
| SHELTER BY LAKE           |           |     | 20        | 1 | 15     |            | 0 | 16     | -       | - |    |                              | -                       |  |   |   |
| PANEL RECEPTACLE          |           |     | 20        | 1 | 17     |            |   | 18     | 20      | 1 |    |                              | T.C. CIR #1 FAN         |  |   |   |
| RECEPTACLE ON POST RENTAL |           |     | 20        | 1 | 19     |            |   | 20     | 20      | 1 |    |                              | T.C. CIR #2 LTS.        |  |   |   |
|                           |           |     |           |   |        |            |   |        |         |   |    |                              |                         |  |   |   |
| BUS RATING                |           | 100 | A         |   |        |            |   |        |         |   |    |                              |                         |  |   |   |
| MAIN BREAKER              |           | 100 | A         |   |        |            |   |        |         |   |    |                              |                         |  |   |   |
|                           |           |     |           |   |        |            |   |        |         |   |    | SHORT CIRCUIT CURRENT RATING |                         |  | - | A |
|                           |           |     |           |   |        |            |   |        |         |   |    | A.I.C.                       |                         |  | - | A |
|                           |           |     |           |   |        |            |   |        |         |   |    |                              |                         |  |   |   |

| PANEL PIT TOILET          |           |     |           |                              |        |            |     |        |           |   |    | NEW       |                         |  |
|---------------------------|-----------|-----|-----------|------------------------------|--------|------------|-----|--------|-----------|---|----|-----------|-------------------------|--|
| VOLTS 240/120 V           |           |     | PHASE 1 Ø |                              |        | # WIRE 3 W |     |        | 100A MAIN |   |    |           |                         |  |
| DESCRIPTION               | LOAD (VA) | TY  | BREAKER   |                              | CKT NO | PHASE      |     | CKT NO | BREAKER   |   | TY | LOAD (VA) | DESCRIPTION             |  |
|                           |           |     | AMP       | P                            |        | A          | B   |        | AMP       | P |    |           |                         |  |
| SPACE                     |           |     | -         | -                            | 1      | 0          |     | 2      | -         | - |    |           | SPACE                   |  |
| SPACE                     |           |     | -         | -                            | 3      |            | 0   | 4      | -         | - |    |           | SPACE                   |  |
| SPACE                     |           |     | -         | -                            | 5      |            |     | 6      | -         | - |    |           | SPACE                   |  |
| SPACE                     |           |     | -         | -                            | 7      | 0          |     | 8      | -         | - |    |           | SPACE                   |  |
| SPACE                     |           |     | -         | -                            | 9      |            | 0   | 10     | -         | - |    |           | SPACE                   |  |
| LIGHT POLE                | 204       |     | 20        | 1                            | 11     | 204        |     | 12     | -         | - |    |           | SPACE                   |  |
| SHELTER BY LAKE           |           |     | 20        | 1                            | 13     | 0          |     | 14     | 60        | 2 |    |           | RENTAL AREA CAMPER PED. |  |
| SHELTER BY LAKE           |           |     | 20        | 1                            | 15     |            | 0   | 16     | -         | - |    |           | -                       |  |
| PANEL RECEPTACLE          | 180       |     | 20        | 1                            | 17     | 180        | 180 | 18     | 20        | 1 |    | 180       | NEW PIT TOILET          |  |
| RECEPTACLE ON POST RENTAL | 180       |     | 20        | 1                            | 19     | 180        |     | 20     | 20        | 1 |    |           | SPARE                   |  |
|                           |           |     |           |                              |        |            |     |        |           |   |    |           |                         |  |
| BUS RATING                |           | 100 | A         | SHORT CIRCUIT CURRENT RATING |        |            |     |        |           |   |    |           |                         |  |
| MAIN BREAKER              |           | 100 | A         | A.I.C. 22 A                  |        |            |     |        |           |   |    |           |                         |  |
|                           |           |     |           |                              |        |            |     |        |           |   |    |           |                         |  |

| LIGHTING FIXTURE SCHEDULE                                                                                                                               |           |               |                      |                   |                                               |         |                     |       |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------|----------------------|-------------------|-----------------------------------------------|---------|---------------------|-------|--------------------------|
| NOTE: ACCEPTABLE SHALL MEET ALL REQUIREMENTS AND FEATURES INDICATED. ACCEPTABLE MANUFACTURERS MUST MEET THE PHOTOMETRIC PERFORMANCE OF THE LISTED UNIT. |           |               |                      |                   |                                               |         |                     |       |                          |
| ABBREVIATIONS: DW = DRYWALL P = PENDANT<br>ES = EXPOSED STRUCTURE PL = POLE MOUNTED<br>LG = LAY-IN GRID R = RECESS                                      |           |               |                      |                   |                                               |         |                     |       |                          |
| DES.                                                                                                                                                    | LAMP DATA |               | DESCRIPTION          | LIGHTING FIXTURE  |                                               | VOLT    | MOUNT & MTG. HEIGHT | NOTES | ACCEPTABLE MANUFACTURERS |
|                                                                                                                                                         | NO.       | TYPE          |                      | MANUFACTURER      | CATALOG NUMBER                                |         |                     |       |                          |
| S1                                                                                                                                                      | -         | LED W/FIXTURE | POLE MOUNTED FIXTURE | LITHONIA LIGHTING | DSX1 LED-P3-30K-80CRI-TFTM-MVOLT-SPA-PIR-DDBD | 120-277 | SPA - 19'-0"        | -     | HALO, RAB                |
| S2                                                                                                                                                      | -         | LED W/FIXTURE | POLE MOUNTED FIXTURE | LITHONIA LIGHTING | DSX1 LED-P3-30K-80CRI-T3M-MVOLT-SPA-PIR-DDBD  | 120-277 | SPA - 19'-0"        | -     | HALO, RAB                |
| P1                                                                                                                                                      | -         | -             | LIGHT POLE           | LITHONIA LIGHTING | SSS-20'-4G-DM29AS-DDBXD                       | -       | 20'-0"              |       | HALO, RAB                |
|                                                                                                                                                         |           |               |                      |                   |                                               |         |                     |       |                          |

JDR  
ENGINEERING, INC.  
5525 NOBEL DRIVE  
SUITE 110  
MADISON, WI 53711  
PH: 608.277.1728 FAX: 608.271.7046  
JDR PROJECT NO. 25.0072



4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.673.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development



MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
ELECTRICAL PANEL SCHEDULES

Revisions:  
No. Date: Description:

|  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Graphic Scale

NONE

DFD Number

24E7Z

Set Type

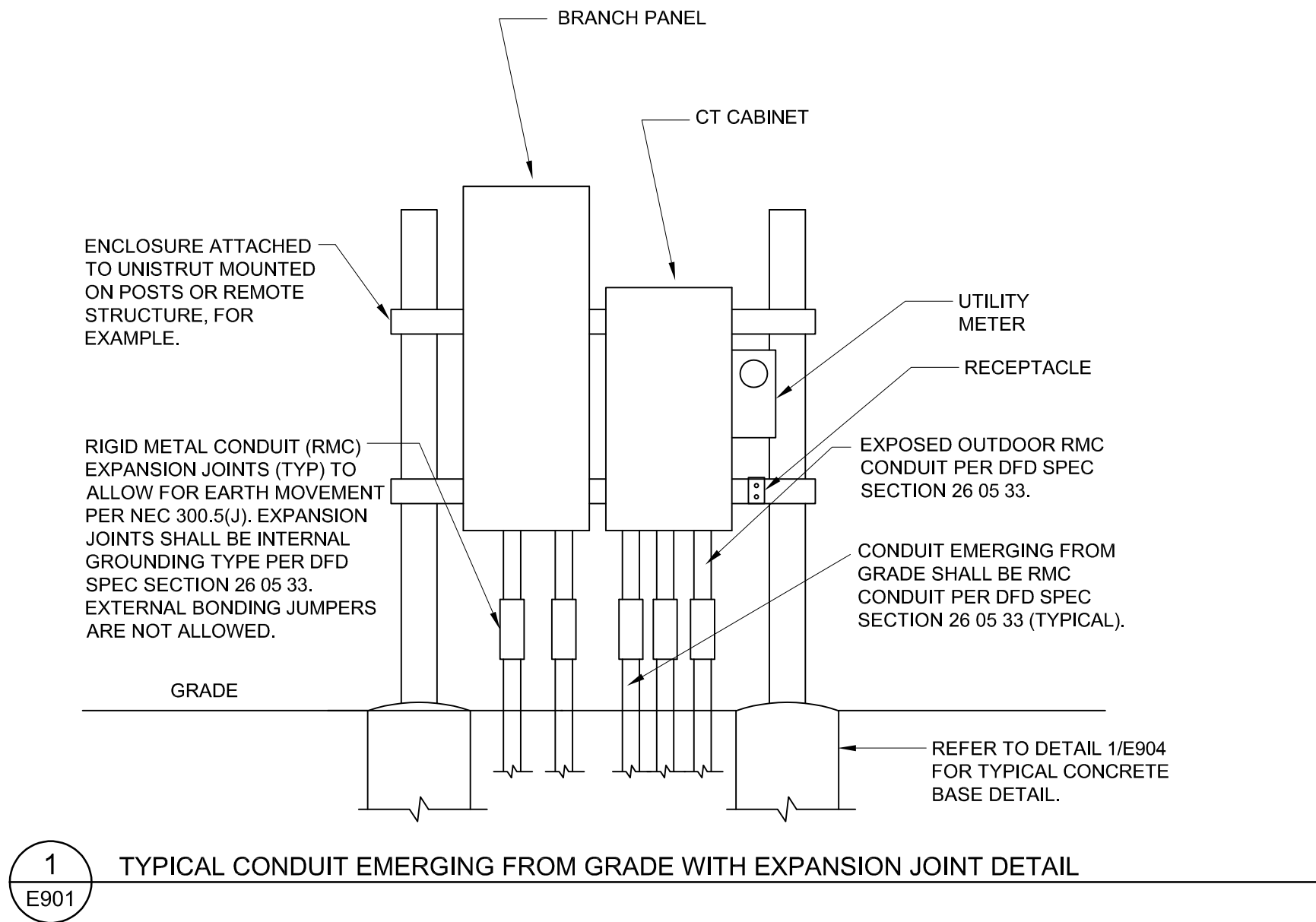
BD

Date Issued

11/12/2025

Sheet Number

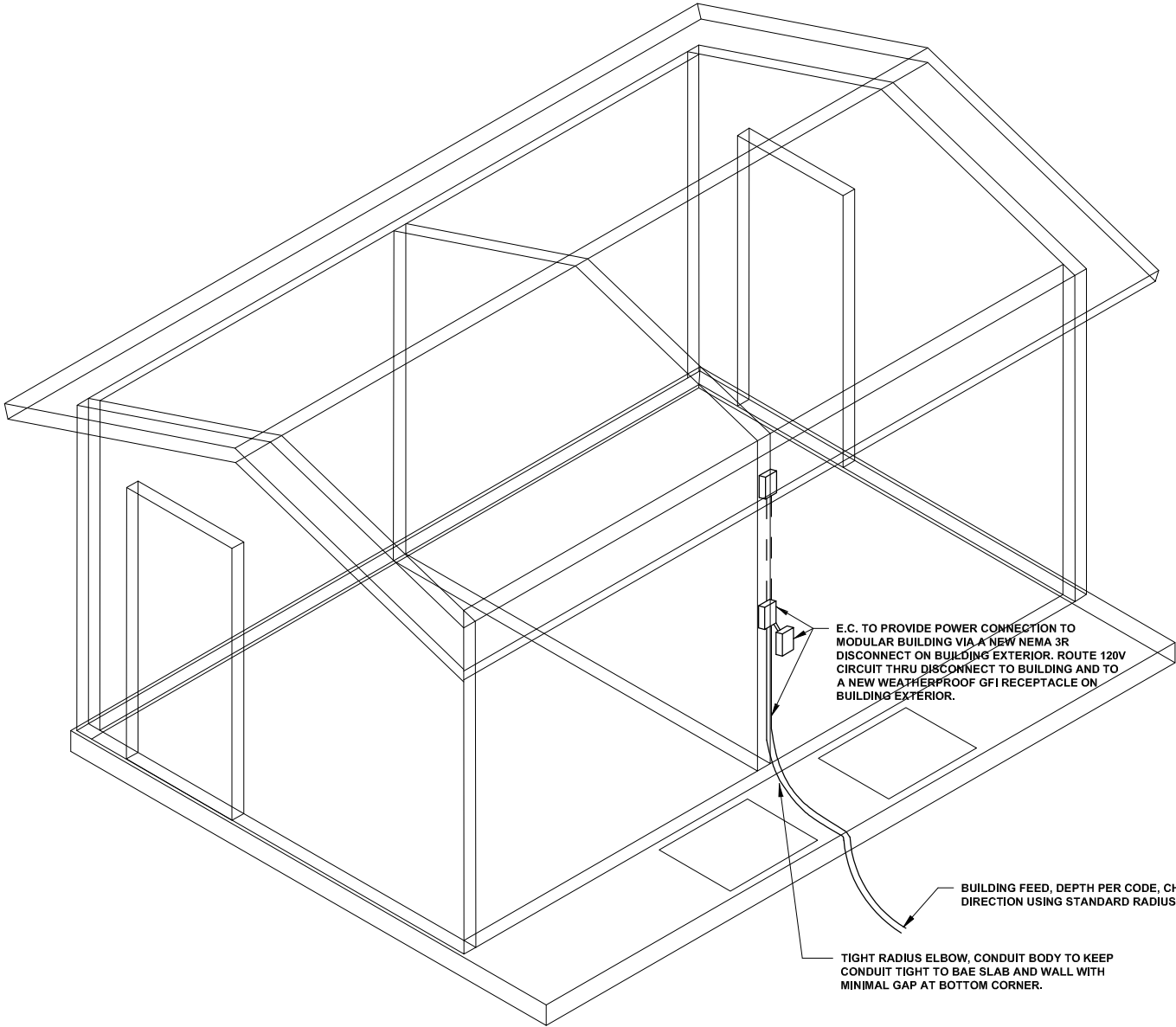
E801



**JDR**   
**ENGINEERING, INC.**  
 5525 NOBEL DRIVE  
 SUITE 110  
 MADISON, WI 53711  
 PH: 608.277.1728 FAX: 608.271.7046  
 JDR PROJECT NO. 25.0072

|                                                                                                       |            |                                                                                                             |  |
|-------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------------------|--|
|                     |            | 4654 S. BILTMORE LN.<br>MADISON, WI 53718<br>PHONE: 608.673.4400<br>KAPURINC.COM<br>PROJECT NUMBER: 23.0091 |  |
|                    |            | State of Wisconsin<br>Department of Administration<br>Division of Facilities Development                    |  |
| MIRROR LAKE PAVING<br>MIRROR LAKE STATE PARK<br>DEPARTMENT OF NATURAL RESOURCES<br>BARABOO, WISCONSIN |            | E10320 FERN DELL RD<br>BARABOO, WI 53913                                                                    |  |
| Sheet Title:<br>ELECTRICAL DETAILS                                                                    |            |                                                                                                             |  |
| Revisions:                                                                                            |            |                                                                                                             |  |
| No.                                                                                                   | Date:      | Description:                                                                                                |  |
|                                                                                                       |            |                                                                                                             |  |
|                                                                                                       |            |                                                                                                             |  |
|                                                                                                       |            |                                                                                                             |  |
|                                                                                                       |            |                                                                                                             |  |
|                                                                                                       |            |                                                                                                             |  |
| Graphic Scale                                                                                         | NONE       |                                                                                                             |  |
| DFD Number                                                                                            | 24E7Z      |                                                                                                             |  |
| Set Type                                                                                              | BD         |                                                                                                             |  |
| Date Issued                                                                                           | 11/12/2025 |                                                                                                             |  |
| Sheet Number                                                                                          | E901       |                                                                                                             |  |





GENERAL NOTES AND SPECIFICATION:

- 1. ALL ELECTRICAL SERVICE RACEWAYS THAT EXTEND FROM THE BUILDING TO UNDERGROUND SHALL BE RIGID STEEL CONDUIT AND SHALL BE CONCRETE ENCASED UP TO A MINIMUM OF 4'-0" FROM THE HUFFCUTT POURED SLAB. ONCE CONDUIT IS A MINIMUM OF 4'-0" AWAY FROM HUFFCUTT POURED SLAB CONDUIT CAN TRANSITION TO PVC.
- 2. DRAWING DOES NOT INDICATE EXACT BUILDING THAT IS BEING INSTALLED ON THIS PROJECT. DRAWING IS TO SHOW INTENT OF E.C. BRINGING POWER TO PRE-MANUFACTURED VAULT TOILET.
- 3. ALL EXTERIOR AND INTERIOR CONDUIT AND FITTINGS SHALL BE PVC AND WATERTIGHT.
- 4. SEAL ALL SPACES BETWEEN CONDUIT AND WALL PENETRATIONS AND AROUND ALL FIXTURES TO PROVIDE WATERTIGHTNESS. SEALANT TO MATCH ADJACENT WALL COLORING.
- 5. ALL INTERIOR ELECTRICAL WORK, INCLUDING CONDUIT, CONDUCTORS, DEVICES, AND WIRING TO BE PROVIDED AND INSTALLED BY MANUFACTURER. E.C. TO PROVIDE AND CONNECT TO JUNCTION BOX ON EXTERIOR PROVIDED BY MANUFACTURER.
- 6. FASTEN PVC CONDUIT TO WALLS WITH GALVANIZED STEEL CLAMPS AND PIPE STRAPS, PLASTIC CLAMPS ARE NOT ALLOWED.
- 7. ALL WIRING SHALL BE 90 DEGREE CELSIUS XHHW CONDUCTORS.
- 8. MOTION SENSOR SHALL BE AN ACUITY #CMR9 SERIES DEVICE.
- 9. INTERIOR LIGHTS SHALL BE AN RAB #VAN1LED12W SERIES FIXTURE, 3000K COLOR TEMPERATURE.
- 10. EXTERIOR LIGHTS SHALL BE AN RAB #SLIM17FA30ADJ SERIES FIXTURE, 3000K COLOR TEMPERATURE.
- 11. PROVIDE SCHEDULE 40 PVC CONDUIT FOR ALL ELECTRICAL WORK, INCLUDING ALL BOXES, FITTINGS, AND EXPANSION JOINT, AS REQUIRED.

1  
E902

TYPICAL VAULT TOILET DETAIL

JDR

ENGINEERING, INC.

5525 NOBEL DRIVE  
SUITE 110  
MADISON, WI 53711  
PH: 608.277.1728 FAX: 608.271.7046  
JDR PROJECT NO. 25.0072

Kapur

4654 S. BILTMORE LN.  
MADISON, WI 53718  
PHONE: 608.673.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development

E10320 FERN DELL RD  
BARABOO, WI 53913

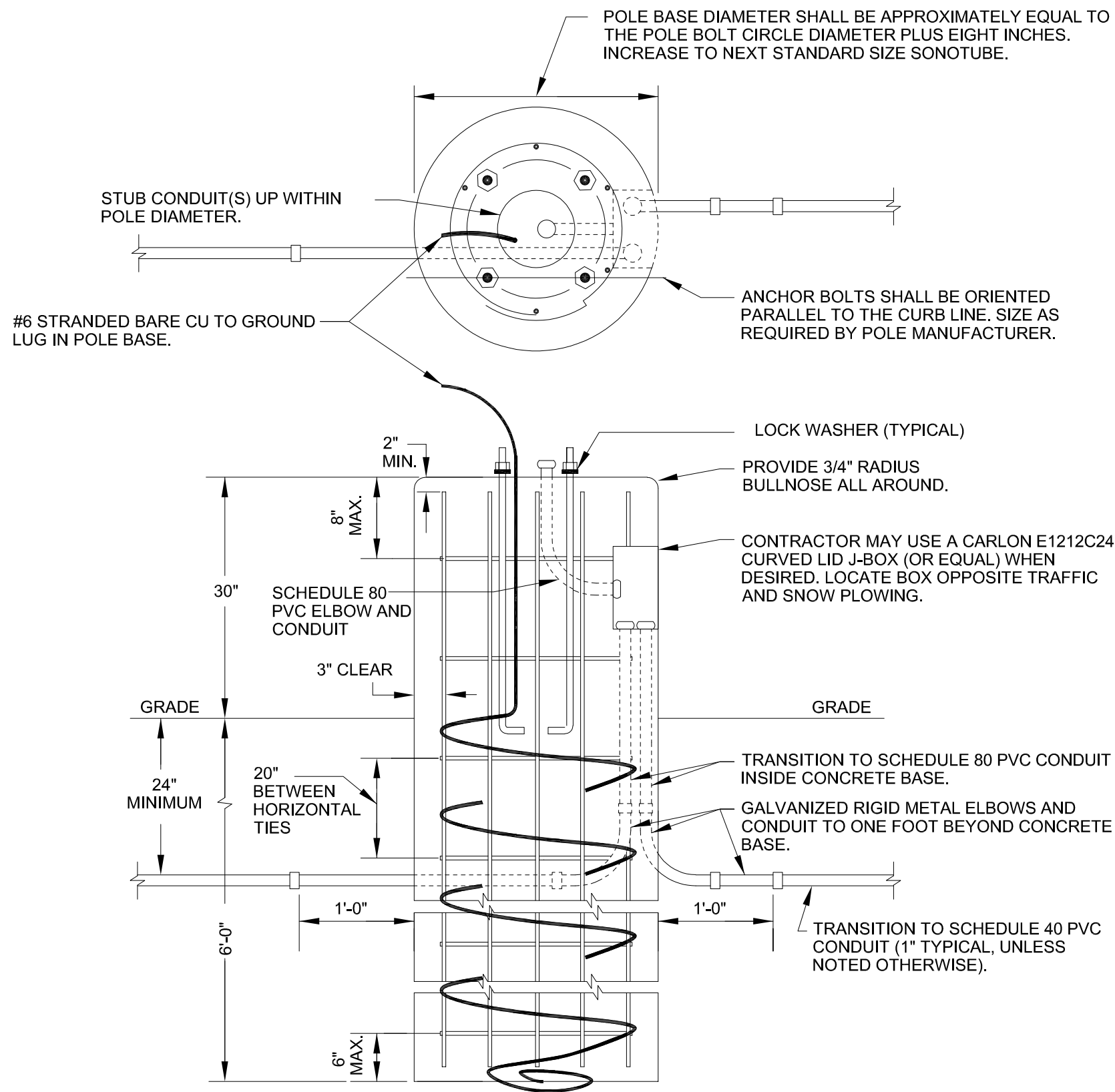
MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN

Sheet Title:  
ELECTRICAL DETAILS

Revisions:

| No. | Date: | Description: |
|-----|-------|--------------|
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |
|     |       |              |

|               |            |
|---------------|------------|
| Graphic Scale | NONE       |
| DFD Number    | 24E7Z      |
| Set Type      | BD         |
| Date Issued   | 11/12/2025 |
| Sheet Number  | E902       |



#### CONCRETE AND HARDWARE NOTES:

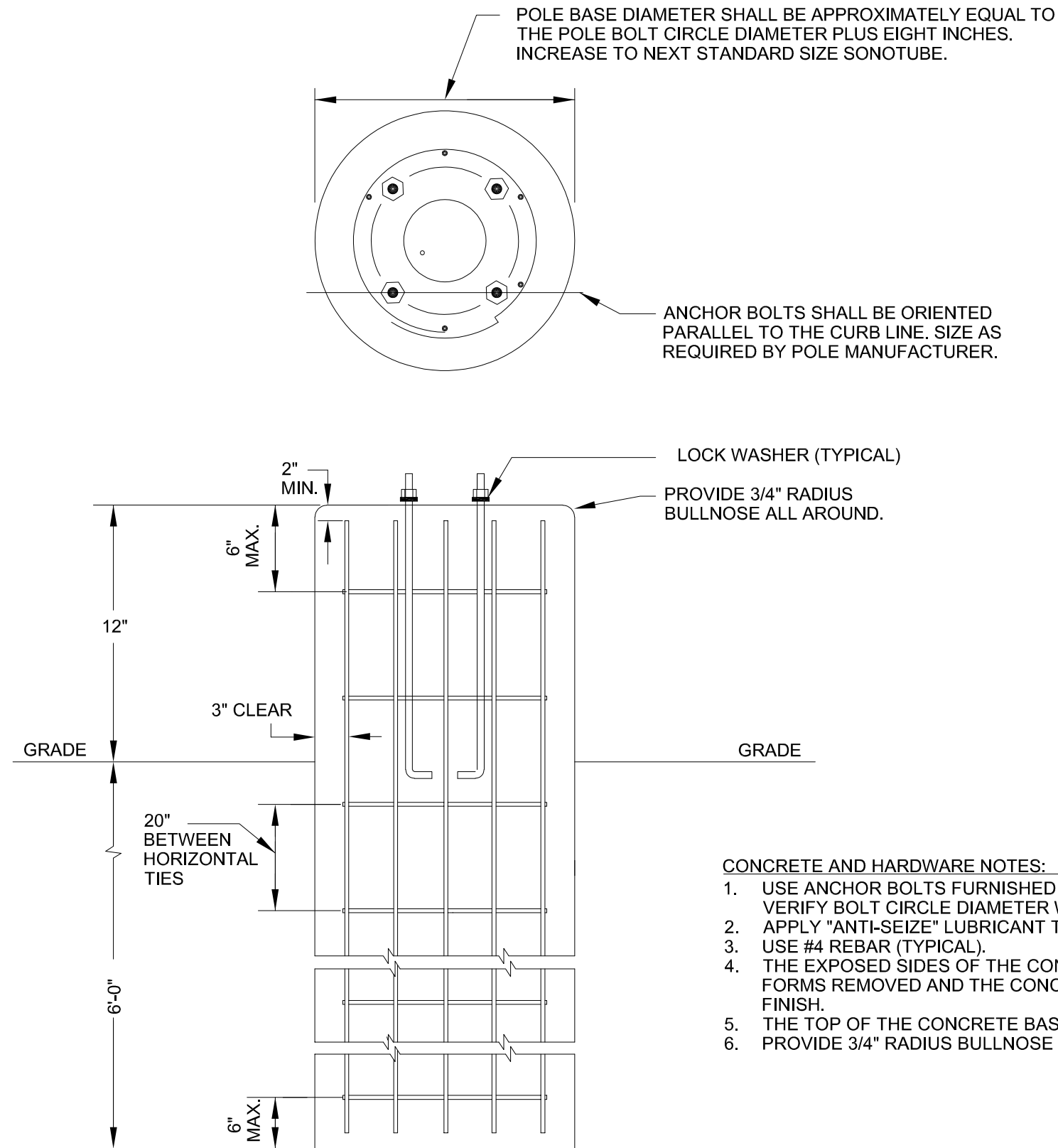
1. USE ANCHOR BOLTS FURNISHED BY POLE MANUFACTURER. VERIFY BOLT CIRCLE DIAMETER WITH MANUFACTURER.
2. APPLY "ANTI-SEIZE" LUBRICANT TO ALL ANCHOR BOLT THREADS.
3. USE #4 REBAR (TYPICAL).
4. THE EXPOSED SIDES OF THE CONCRETE BASE SHALL HAVE THE FORMS REMOVED AND THE CONCRETE RUBBED OUT TO A SMOOTH FINISH.
5. THE TOP OF THE CONCRETE BASE SHALL HAVE A BRUSH FINISH.
6. PROVIDE 3/4" RADIUS BULLNOSE ON TOP EDGE OF CONCRETE.

#### CONDUIT AND BOX NOTES:

1. AT CONTRACTOR'S OPTION, CONTRACTOR MAY USE A CURVED LID J-BOX RECESSED IN THE POLE BASE FOR ROUTING MULTIPLE CONDUITS TO/FROM A POLE. OTHERWISE CONDUITS SHALL BE STUBBED OUT THE TOP OF THE CONCRETE BASE WITHIN THE POLE DIAMETER.
2. WHEN USED, JUNCTION BOX SHALL FACE OPPOSITE TRAFFIC AND SNOW PLOWING.
3. PROVIDE A SPARE CONDUIT STUB AT EACH END-OF-LINE FIXTURE. SEE PLANS FOR ADDITIONAL SPARE STUBS.
4. PROVIDE A BUSHING ON ALL EXPOSED CONDUIT ENDS.

#### CONCRETE ENCASED (UFER) GROUNDING SYSTEM NOTES:

1. PROVIDE ERICO EK16 DIRECT BURY CLAMP (OR EQUAL) AT TOP OF REBAR CAGE.
2. PROVIDE 23' OF #4 BARE COPPER STRANDED GROUNDING ELECTRODE CONDUCTOR.
3. EXTEND 3' OF CONDUCTOR OUT THE TOP OF POLE BASE FOR POLE GROUNDING.
4. SPIRAL 10' MINIMUM OF CONDUCTOR AROUND OUTSIDE OF REBAR CAGE.
5. LOOP REMAINING CONDUCTOR AROUND REBAR CAGE AT BOTTOM OF POLE BASE IN CONTACT WITH EARTH.



#### CONCRETE AND HARDWARE NOTES:

1. USE ANCHOR BOLTS FURNISHED BY POLE MANUFACTURER. VERIFY BOLT CIRCLE DIAMETER WITH MANUFACTURER.
2. APPLY "ANTI-SEIZE" LUBRICANT TO ALL ANCHOR BOLT THREADS.
3. USE #4 REBAR (TYPICAL).
4. THE EXPOSED SIDES OF THE CONCRETE BASE SHALL HAVE THE FORMS REMOVED AND THE CONCRETE RUBBED OUT TO A SMOOTH FINISH.
5. THE TOP OF THE CONCRETE BASE SHALL HAVE A BRUSH FINISH.
6. PROVIDE 3/4" RADIUS BULLNOSE ON TOP EDGE OF CONCRETE.

1  
E904

### TYPICAL CONCRETE POLE BASE DETAIL

**JDR**  
ENGINEERING, INC.  
5525 NOBEL DRIVE  
SUITE 110  
MADISON, WI 53711  
PH: 608.277.1728 FAX: 608.271.7046  
JDR PROJECT NO. 25.0072

**Kapur**  
4654 S. BLTMORE LN.  
MADISON, WI 53718  
PHONE: 608.673.4400  
KAPURINC.COM  
PROJECT NUMBER: 23.0091

State of Wisconsin  
Department of Administration  
Division of Facilities Development  
E10320 FERN DELL RD  
BARABOO, WI 53913

MIRROR LAKE PAVING  
MIRROR LAKE STATE PARK  
DEPARTMENT OF NATURAL RESOURCES  
BARABOO, WISCONSIN  
Sheet Title:  
ELECTRICAL DETAILS

| Revisions:    |            |              |
|---------------|------------|--------------|
| No.           | Date:      | Description: |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
|               |            |              |
| Graphic Scale | NONE       |              |
| DFD Number    | 24E7Z      |              |
| Set Type      | BD         |              |
| Date Issued   | 11/12/2025 |              |
| Sheet Number  | E904       |              |