# BORTON CONSTRUCTION
# NEW OFFICE
## CITY SDP SUBMITTAL

**LA CROSSE, WISCONSIN**

**ISG PROJECT # 26-34320**


**LOCATION MAP**

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## PROJECT GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS. WHICH INCLUDE, BUT ARE NOT LIMITED TO, THE OWNER - CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH INCLUDES GENERAL SUPPLEMENTARY CONDITIONS AND SPECIFICATIONS), DRAWINGS OF ALL DISCIPLINES AND ALL ADDENDA, MODIFICATIONS, AND CLARIFICATIONS ISSUED BY ARCHITECT/ENGINEER.
2. CONTRACT DOCUMENTS SHALL BE ISSUED TO ALL SUBCONTRACTORS BY THE GENERAL CONTRACTOR IN COMPLETE SETS IN ORDER TO ACHIEVE THE FULL EXTENT AND COMPLETE COORDINATION OF ALL WORK.
3. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
4. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
5. DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPE OF DETAILING REQUIRED THROUGHOUT THE WORK. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO DETAILS SHOWN. WHERE SPECIFIC DIMENSIONS, DETAILS, OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
6. ALL MANUFACTURED ARTICLES, MATERIALS, AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED, AND CONDITIONED ACCORDING TO MANUFACTURERS' INSTRUCTIONS. IN CASE OF DISCREPANCIES BETWEEN MANUFACTURERS' INSTRUCTIONS AND THE CONTRACT DOCUMENTS, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
7. ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION.
8. THE LOCATION AND TYPE OF ALL EXISTING UTILITIES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY AND ARE ACCURATE AND COMPLETE TO THE BEST OF THE KNOWLEDGE OF I & S GROUP, INC. (ISG). NO WARRANTY OR GUARANTEE IS IMPLIED. THE CONTRACTOR SHALL VERIFY THE SIZES, LOCATIONS, AND ELEVATIONS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM PLAN.
9. THE CONTRACTOR IS TO CONTACT "DIGGERS HOTLINE" FOR UTILITY LOCATIONS A MINIMUM OF 3 BUSINESS DAYS PRIOR TO ANY EXCAVATION / CONSTRUCTION (811 OR 1-800-242-8511).

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

# PROJECT INDEX:

**OWNER:**
**BROTON CONSTRUCTION, INC.**

**PAUL BORSHEIM**
**2 COPELAND AVENUE + SUITE 201**
**LA CROSSE, WISCONSIN, 54603**

**PHONE: 608.779.0400**
**paulborhseim@bortonconstruction.com**

**PROJECT**
**ADDRESS / LOCATION:**

**1325 ST ANDREW ST**
**LA CROSSE, WISCONSIN, 54603**

**MANAGING OFFICE:**
**I & S GROUP, INC. (ISG)**

**LA CROSSE OFFICE**
**201 MAIN STREET**
**SUITE 1020**
**LA CROSSE, WI 54601**
**PHONE: 608.789.2034**

**PROJECT MANAGER: KRIS ROPPE**
**EMAIL: Kristopher.Roppe@ISGInc.com**

SPECIFICATIONS REFERENCE

ALL CONSTRUCTION SHALL COMPLY WITH THE CITY OF LA CROSSE STANDARD SPECIFICATIONS, CURRENT EDITION, WISDOT STANDARD SPECIFICATIONS, 2025 EDITION, WISDOT CONSTRUCTION AND MATERIALS MANUAL, CURRENT EDITION, WISCONSIN DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES STATE PLUMBING CODE, CURRENT EDITION, AND STANDARD SPECIFICATION FOR SEWER & WATER CONSTRUCTION IN WISCONSIN, 6th EDITION, UNLESS DIRECTED OTHERWISE.

PROJECT DATUM

HORIZONTAL COORDINATES HAVE BEEN REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83), 2011 ADJUSTMENT (NAD83(2011)) ON THE LA CORSSE COUNTY COORDINATE SYSTEM, IN U.S. SURVEY FEET.

**B.M. ELEVATION=645.45**
TNH NW CORNER OF
ST. ANDREWS AND WOOD STREET

TOPOGRAPHIC SURVEY

THIS PROJECT'S TOPOGRAPHIC SURVEY CONSISTS OF DATA COLLECTED IN MAY 2026 BY ISG.

SHEET NOT VALID UNLESS THIS TEXT IS COLOR.



PROJECT

**BORTON CONSTRUCTION**

**NEW OFFICE**

LA CROSSE WISCONSIN

REVISION SCHEDULE

| DATE | DESCRIPTION | BY |
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| PROJECT NO. | 26-34320 |
| FILE NAME | 34320 C0-GENERAL |
| DRAWN BY | AAE |
| DESIGNED BY | AAE |
| REVIEWED BY | KBR |
| ORIGINAL ISSUE DATE | 06/05/2026 |
| CLIENT PROJECT NO. | - |

TITLE

**TITLE SHEET**

SHEET

**C0-00**

# SYMBOL LEGEND

| EXISTING | | PROPOSED |
|---|---|---|
| EX STM MH | STORM MANHOLE | |
| EX CB | STORM CATCH BASIN | |
| EX CO | STORM CLEANOUT | >> |
| | STORM CULVERT | >> |
| | DOWNSPOUT | |
| | ROOF DRAIN | |
| EX SAN MH | SANITARY MANHOLE | |
| EX CO | SANITARY CLEANOUT | > |
| EX LIFT STATION LS | LIFT STATION | |
| | WATER REDUCER | |
| | WATER VALVE | |
| | WATER VALVE MAHOLE | |
| | WATER CURB STOP | |
| | WATER SHUT-OFF | |
| EX POST INDICATOR VALVE | POST INDICATOR VALVE | |
| | FIRE DEPARTMENT CONNECTION | |
| | WELL | |
| EX MW | MONITORING WELL | |
| | LAWN SPRINKLER BOX | |
| | LAWN SPRINKLER HEAD | |
| | HYDRANT | |
| EX YARD HYD | YARD HYDRANT | |
| | UTILITY POLE | |
| | LIGHT POLE | |
| | GROUND LIGHT | |
| | GUY WIRE | |
| | TRANSFORMER | |
| EX HH | HANDHOLE | |
| EX ELEC MH | ELECTRIC MANHOLE | |
| EM | ELECTRIC METER | |
| V | UTILITY VAULT | |
| AC | AIR CONDITIONER | |
| GM | GAS METER | |
| GGV | GAS VALVE | |
| SB-1 | SOIL BORING | |
| | FLAG POLE | |
| MB | MAILBOX | |
| EX SIGNAL | TRAFFIC SIGNAL | |
| | SIGN | |
| | STREET SIGN | |
| | WHEEL STOP | |
| RR | RAILROAD CROSSING SIGN | |
| | POST | |
| | DECIDUOUS TREE | |
| | CONIFEROUS TREE | |
| | BUSH | |
| | TREE STUMP | |
| | WETLAND / MARSH | |
| | ROCK / BOULDER | |

NOTE:

CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES.

# LINETYPE LEGEND

| EXISTING | | PROPOSED |
|---|---|---|
| >> | STORM DRAIN | >> |
| > | SANITARY SEWER | > |
| II> | SANITARY SEWER FORCEMAIN | II> |
| I | WATER MAIN | I |
| G | GAS | G |
| OE | OVERHEAD ELECTRIC | OE |
| UE | UNDERGROUND ELECTRIC | UE |
| UT | UNDERGROUND TELEPHONE | UT |
| UTV | UNDERGROUND TV | UTV |
| OHL | OVERHEAD UTILITY | OHL |
| UTL | UNDERGROUND UTILITY | UTL |
| FBO | FIBER OPTIC | FO |
| WET | WETLAND | WET |
| W | WATER EDGE | |
| | DITCH / SWALE | |
| X X | FENCE LINE | X X |
| | TREE LINE | |
| | PROPERTY / LOT LINE | |
| | RIGHT OF WAY LINE | |
| △ △ | ACCESS CONTROL | |
| | EASEMENT LINE | |

NOTE:

CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES.

# ABBREVIATIONS

| | | | | | |
|---|---|---|---|---|---|
| ADA | AMERICANS WITH DISABILITIES ACT | GAL | GALLON | PP | POLYPROPYLENE |
| ADD | ADDENDUM | GALV | GALVANIZED | PSI | POUNDS PER SQUARE INCH |
| AFF | ABOVE FINISHED FLOOR | GC | GENERAL CONTRACTOR | PVC | POLYVINYL CHLORIDE |
| AGG | AGGREGATE | GD | GROUND | PVMT | PAVEMENT |
| APPROX | APPROXIMATE | GFE | GARAGE FLOOR ELEVATION | QTY | QUANTITY |
| ARCH | ARCHITECT, ARCHITECTURAL | GL | GUTTERLINE | R | RIM |
| BFE | BASEMENT FLOOR ELEVATION | GPM | GALLONS PER MINUTE | RAD | RADIUS |
| BIT | BITUMINOUS | GV | GATE VALVE | RCP | REINFORCED CONCRETE PIPE |
| BLDG | BUILDING | HDPE | HIGH DENSITY POLYETHYLENE | RD | ROOF DRAIN |
| BM | BENCHMARK | HD | HEAVY DUTY | REBAR | REINFORCING BAR |
| CAD | COMPUTER-AIDED DESIGN | HH | HANDHOLE | REM | REMOVE |
| CB | CATCH BASIN | HMA | HOT MIX ASPHALT | ROW | RIGHT OF WAY |
| CFS | CUBIC FEET PER SECOND | HORIZ | HORIZONTAL | R/W | RIGHT OF WAY |
| CF | CUBIC FOOT | HR | HOUR | SAN | SANITARY |
| CI | CAST IRON | HWL | HIGH WATER LEVEL | SCH | SCHEDULE |
| CIP | CAST IRON PIPE | HWY | HIGHWAY | SF | SQUARE FOOT |
| CIPC | CAST IN PLACE CONCRETE | HYD | HYDRANT | SPEC | SPECIFICATION |
| CJ | CONTROL JOINT | I | INVERT | SQ | SQUARE |
| CL | CENTERLINE | ID | INSIDE DIAMETER | STA | STATION |
| CMP | CORRUGATED METAL PIPE | IN | INCH | STM | STORM |
| CO | CLEANOUT | INV | INVERT | SY | SQUARE YARD |
| CONC | CONCRETE | IP | IRON PIPE | T/C | TOP OF CURB |
| CONST | CONSTRUCTION | IPS | IRON PIPE SIZE | TEL | TELEPHONE |
| CONT | CONTINUOUS | J-BOX | JUNCTION BOX | TEMP | TEMPORARY |
| CR | COUNTY ROAD | JT | JOINT | THRU | THROUGH |
| CY | CUBIC YARD | LF | LINEAR FEET | TNFH | TOP NUT OF FIRE HYDRANT |
| C&G | CURB AND GUTTER | LIN | LINEAR | TRANS | TRANSFORMER |
| DEMO | DEMOLITION | LPS | LOW PRESSURE STEAM | TV | TELEVISION |
| DI | DROP INTAKE | LS | LUMP SUM | T/W | TOP OF WALL |
| DIA | DIAMETER | LSO | LOWEST STRUCTURAL OPENING | TYP | TYPICAL |
| DIM | DIMENSION | MAX | MAXIMUM | UT | UTILITY, UNDERGROUND TELEPHONE |
| DS | DOWNSPOUT | MB | MAIL BOX | VCP | VITRIFIED CLAY PIPE |
| EA | EACH | MECH | MECHANICAL | W/O | WITHOUT |
| EG | EXISTING GROUND | MH | MANHOLE | W/ | WITH |
| ELEC | ELECTRICAL | MIN | MINIMUM | YD | YARD |
| ELEV | ELEVATION | MISC | MISCELLANEOUS | YR | YEAR |
| EOF | EMERGENCY OVERFLOW | NO | NUMBER | | |
| EQ | EQUAL | NTS | NOT TO SCALE | | |
| EX | EXISTING | NWL | NORMAL WATER LEVEL | | |
| FG | FINISHED GROUND | OC | ON CENTER | | |
| F/G | FORM GRADE | OCEW | ON CENTER EACH WAY | | |
| FDC | FIRE DEPARTMENT CONNECTION | OD | OUTSIDE DIAMETER | | |
| FDN | FOUNDATION | OH | OVERHEAD | | |
| FES | FLARED END SECTION | OHWL | ORDINARY HIGH WATER LEVEL | | |
| FFE | FINISHED FLOOR ELEVATION | OHD | OVERHEAD DOOR | | |
| FPM | FEET PER MINUTE | OZ | OUNCE | | |
| FPS | FEET PER SECOND | PCC | PORTLAND CEMENT CONCRETE | | |
| FT | FOOT, FEET | PED | PEDESTAL, PEDESTRIAN | | |
| FTG | FOOTING | PERF | PERFORATED | | |
| GA | GAUGE | PL | PROPERTY LINE | | |

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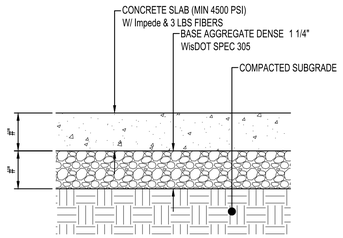
| FILE NAME | 34320 C0-GENERAL |
| DRAWN BY | AAE |
| DESIGNED BY | AAE |
| REVIEWED BY | KBR |
| ORIGINAL ISSUE DATE | 06/05/2026 |
| CLIENT PROJECT NO. | - |

TITLE

**LEGEND AND NOTES**

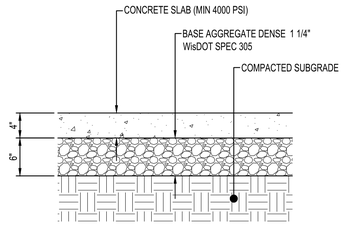
SHEET

**C0-01**



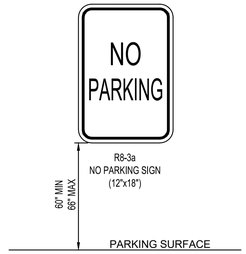

## STANDARD 6" CONCRETE PAVEMENT

NTS ST130



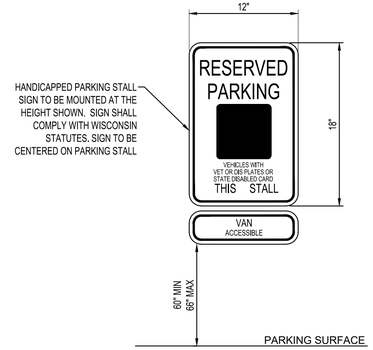

## CONCRETE WALK

NTS



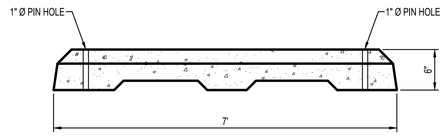

## NO PARKING SIGN

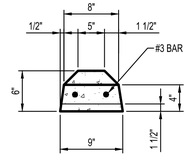
NTS PM110




## ACCESSIBLE PARKING SIGN

NTS PM100



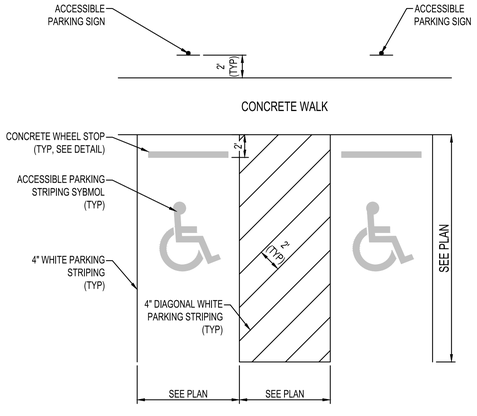

**NOTES:**

1. TOTAL WEIGHT
   -6' PARKING BUMPER = 280 LBS
   -7' PARKING BUMPER = 328 LBS
2. CONCRETE SPEC = 5000 PSI
3. REINFORCEMENT = 2 - #3 BARS

*OR APPROVED EQUAL

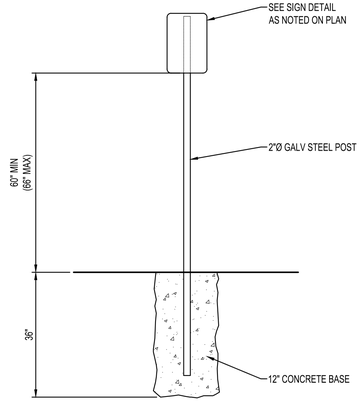
## CONCRETE WHEEL STOP

NTS LD150-U



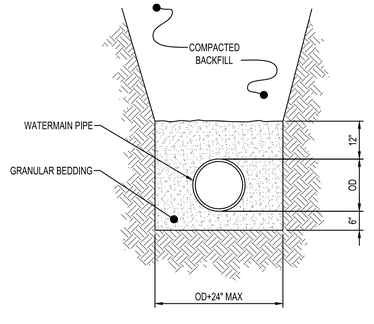

## ACCESSIBLE PARKING AREA

NTS PM302




## TYPICAL SIGN POST

NTS PM200




**NOTE:**

1. GRANULAR BEDDING AND ENCASEMENT FOR WATERMAIN PIPES SHALL BE INCIDENTAL TO CONSTRUCTION

## PIPE BEDDING WATERMAIN

NTS WM300-U

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PROJECT

**BORTON CONSTRUCTION**

**NEW OFFICE**

LA CROSSE WISCONSIN

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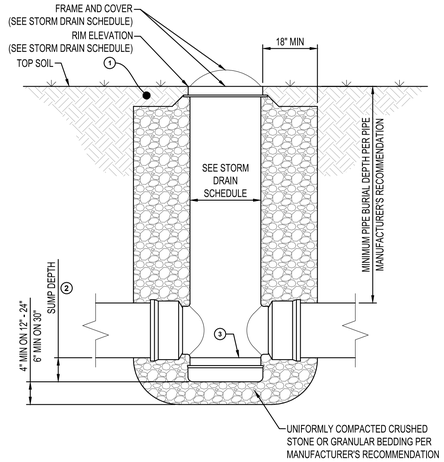
| PROJECT NO. | 26-34320 |
| FILE NAME | 34320 C0-DETAILS |
| DRAWN BY | AAE |
| DESIGNED BY | AAE |
| REVIEWED BY | KBR |
| ORIGINAL ISSUE DATE | 06/05/2026 |
| CLIENT PROJECT NO. | - |

TITLE

**TYPICAL DETAILS**

SHEET

**C0-20**

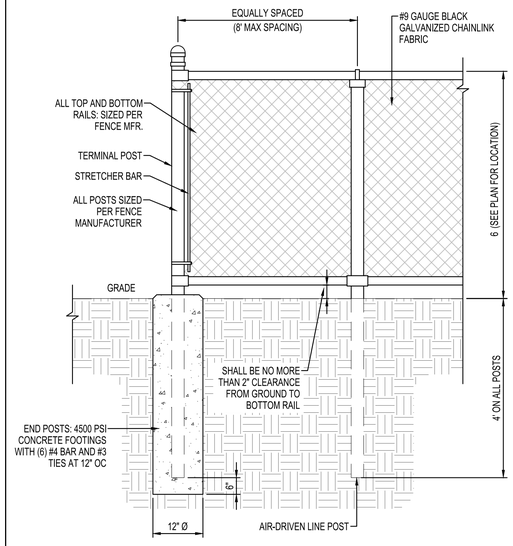



## KEY NOTES:

1. IF ASPHALT PAVEMENT, TOP OF CONCRETE COLLAR SHOULD BE SET AT BOTTOM OF NON-WEAR COURSE.
2. 6" MIN ON 8" - 24" DRAIN BASIN, 10" MIN ON 30" DRAIN BASIN. VERIFY WITH MANUFACTURER'S RECOMMENDATIONS.
3. INVERT ELEVATION (SEE STORM DRAIN SCHEDULE)

## DRAIN BASIN IN TURF

NTS SD320-U

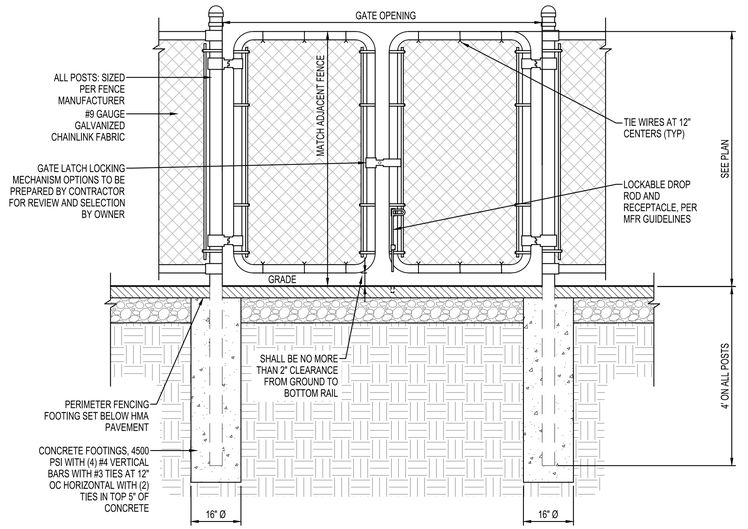



## 6' CHAINLINK FENCE

NTS AT600-U

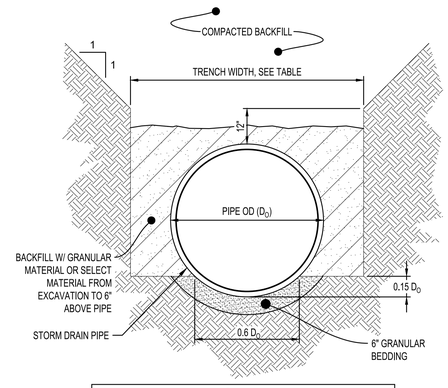
**NOTE:**

1. VERIFY GATE OPENING WIDTH REQUIREMENT WITH MANUFACTURER




## DOUBLE SWING GATE

NTS AT652-U



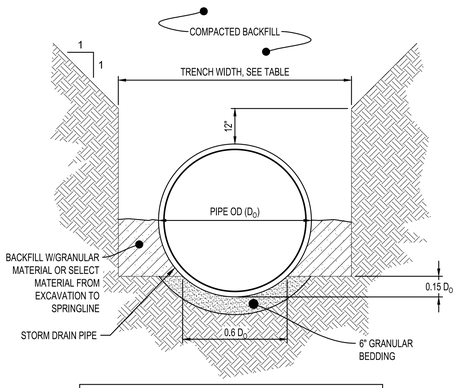

| TRENCH WIDTH | |
|---|---|
| PIPE Ø | TRENCH WIDTH |
| 36" OR LESS | $D_O$ + 24" |
| 42" TO 54" | 1.5 x $D_O$ |
| 60" OR OVER | $D_O$ + 36" |

**NOTES:**

1. GRANULAR BEDDING AND BACKFILL FOR STORM DRAIN PIPES SHALL BE INCIDENTAL TO STORM DRAIN CONSTRUCTION

## NON-CONCRETE STORM DRAIN PIPE BEDDING

NTS SD600-MN



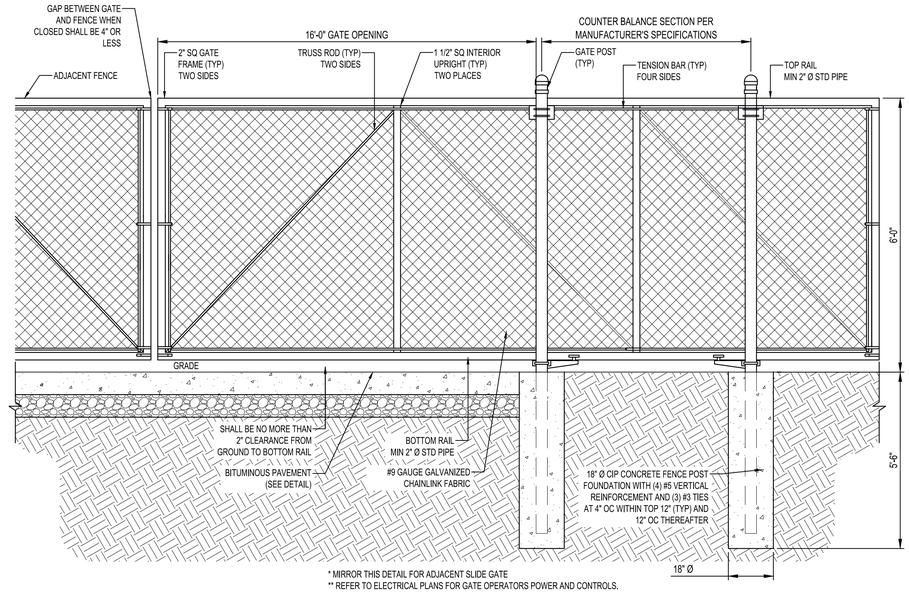

| TRENCH WIDTH | |
|---|---|
| PIPE Ø | TRENCH WIDTH |
| 36" OR LESS | $D_O$ + 24" |
| 42" TO 54" | 1.5 x $D_O$ |
| 60" OR OVER | $D_O$ + 36" |

**NOTES:**

1. GRANULAR BEDDING AND BACKFILL FOR STORM DRAIN PIPES SHALL BE INCIDENTAL TO STORM DRAIN CONSTRUCTION

## REINFORCED CONCRETE STORM DRAIN PIPE BEDDING

NTS SD601-MN




* MIRROR THIS DETAIL FOR ADJACENT SLIDE GATE
** REFER TO ELECTRICAL PLANS FOR GATE OPERATORS POWER AND CONTROLS.

## 16' MANUAL SLIDING GATE

NTS

ISG

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PROJECT

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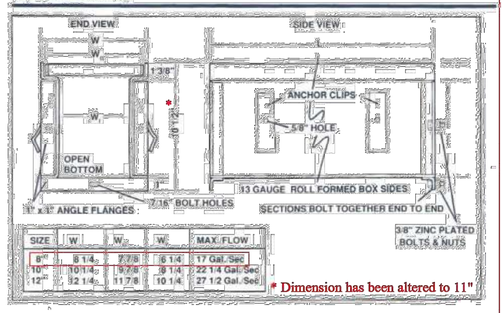
TITLE

**TYPICAL DETAILS**

SHEET

**C0-21**

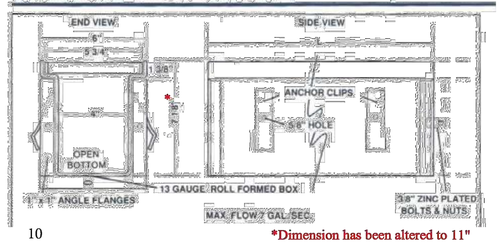
## PREFORM - Industrial/Commercial




| SIZE | W | $W_2$ | $W_3$ | MAX. FLOW |
|---|---|---|---|---|
| 6" | 8 1/4" | 7 7/8" | 6 1/4" | 17 Gal./Sec |
| 10" | 10 1/4" | 9 7/8" | 8 1/4" | 22 1/4 Gal./Sec |
| 12" | 12 1/4" | 11 7/8" | 10 1/4" | 27 1/2 Gal./Sec |

* Dimension has been altered to 11"

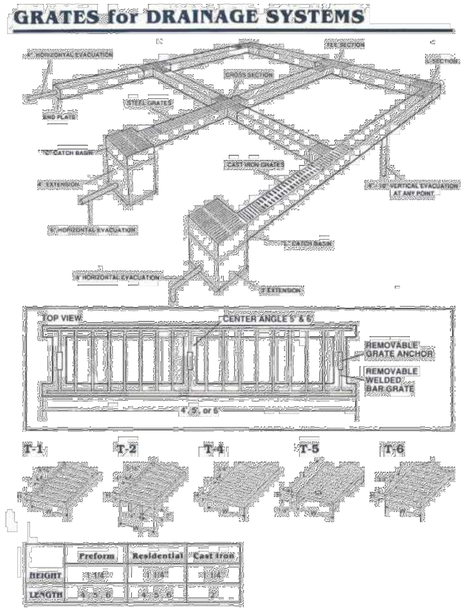
## PREFORM RESIDENTIAL and Commercial




*Dimension has been altered to 11"



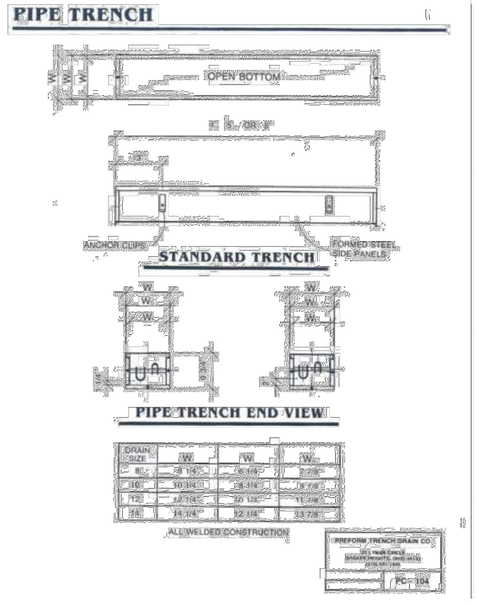
## GRATES for DRAINAGE SYSTEMS




| | Preform | Residential | Cast Iron |
|---|---|---|---|
| HEIGHT | 3 3/16" | 3 3/16" | 3 3/4" |
| LENGTH | 4 5 6 | 4 5 6 | 4 5 6 |

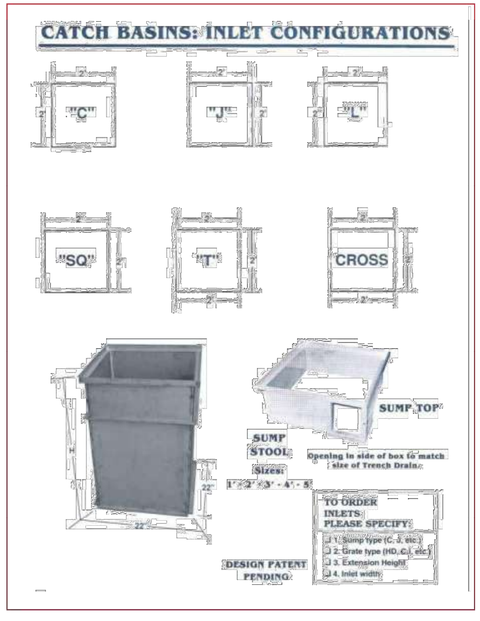


## PIPE TRENCH



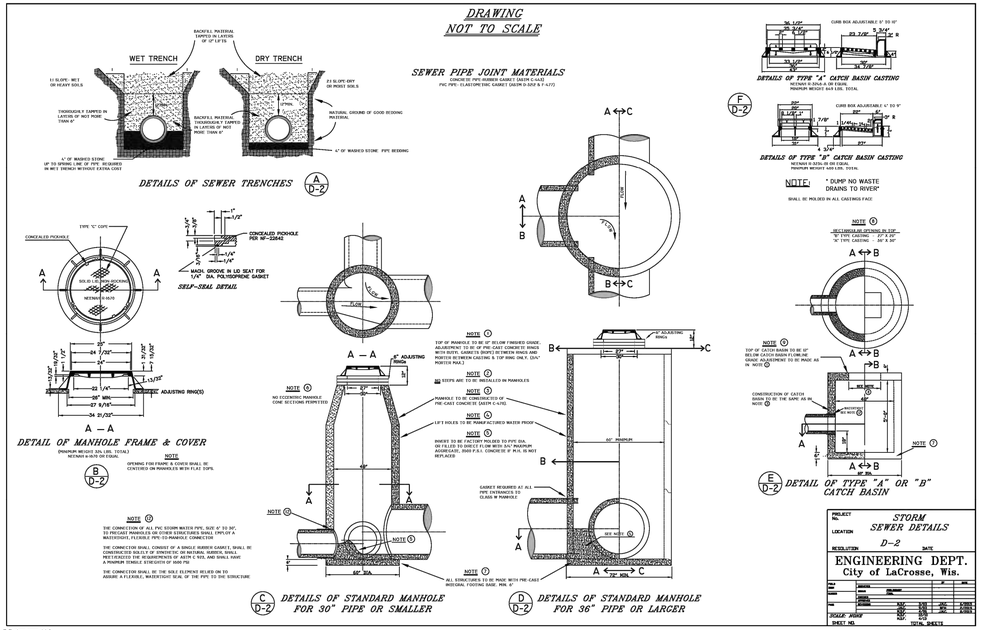

| DRAIN SIZE | W | $W_1$ | $W_2$ |
|---|---|---|---|
| 6" | 7 7/8" | 6 1/4" | 7 7/8" |
| 10" | 10 1/4" | 8 1/4" | 9 7/8" |
| 12" | 12 1/4" | 10 1/4" | 11 7/8" |
| 16" | 14 1/4" | 12 1/4" | 13 7/8" |

## CATCH BASINS: INLET CONFIGURATIONS





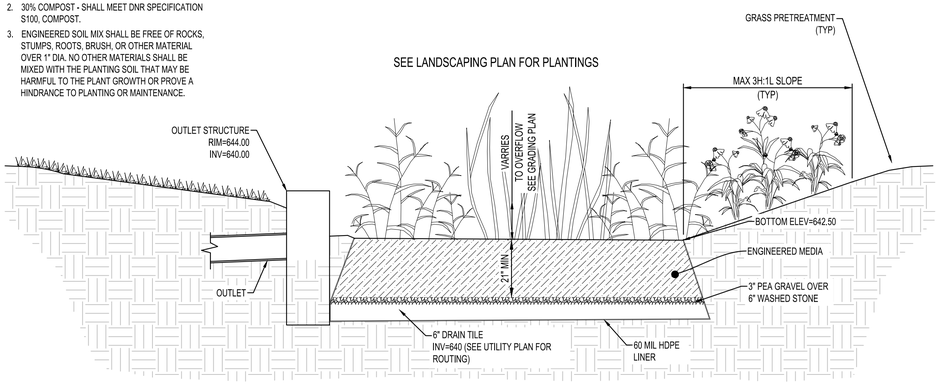





MIXING.

2. 30% COMPOST - SHALL MEET DNR SPECIFICATION S100, COMPOST.
3. ENGINEERED SOIL MIX SHALL BE FREE OF ROCKS, STUMPS, ROOTS, BRUSH, OR OTHER MATERIAL OVER 1" DIA. NO OTHER MATERIALS SHALL BE MIXED WITH THE PLANTING SOIL THAT MAY BE HARMFUL TO THE PLANT GROWTH OR PROVE A HINDRANCE TO PLANTING OR MAINTENANCE.




BIO-FILTRATION BASIN
NTS SD800

PROJECT

**BORTON CONSTRUCTION**

**NEW OFFICE**

LA CROSSE WISCONSIN

REVISION SCHEDULE

| DATE | DESCRIPTION | BY |
|---|---|---|
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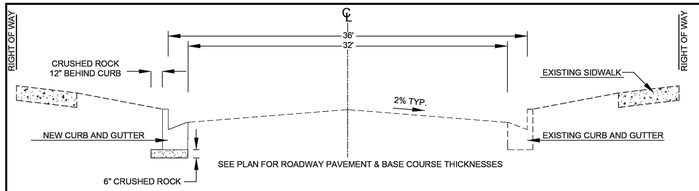
|---|---|
| PROJECT NO. | 26-34320 |
| FILE NAME | 34320 C0-DETAILS |
| DRAWN BY | AAE |
| DESIGNED BY | AAE |
| REVIEWED BY | KBR |
| ORIGINAL ISSUE DATE | 06/05/2026 |
| CLIENT PROJECT NO. | - |

TITLE

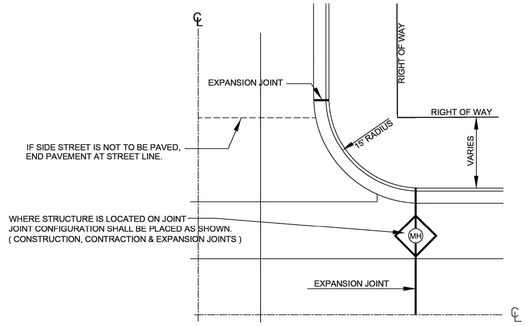
**TYPICAL DETAILS**

SHEET

**C0-22**




## TYPICAL CROSS SECTION FOR 36' ROADWAY



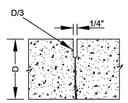

## 1/4 TYPICAL INTERSECTION

NOTES: JOINTS

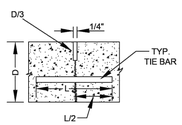
1. EXPANSION JOINTS SHALL BE PLACED AT THE END OF RADII AT STREET INTERSECTIONS AND MID-BLOCK BETWEEN INTERSECTIONS. IN NO CASE SHALL THE DISTANCE BETWEEN EXPANSION JOINTS EXCEED 160 FEET.
2. THE DISTANCE BETWEEN TRANSVERSE JOINTS SHALL NOT BE LESS THAN 10 FEET AND SHALL BE TYPICALLY 20 FEET APART.
3. LONGITUDINAL CONSTRUCTION JOINTS BETWEEN CURB AND GUTTER SECTION AND CONC. PAVING SECTION SHALL BE SEALED AS SHOWN ON JOINT DETAILS.

## CONCRETE PAVEMENT JOINT DETAILS

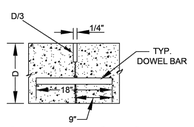
### CONTRACTION




TOOLED / SAWED

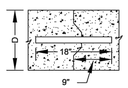



TIED LONGITUDINAL

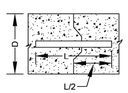



DOWELED TRANSVERSE

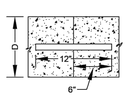
### CONSTRUCTION



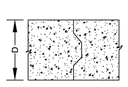

DOWELED & KEYED TRANSVERSE




TIED & KEYED LONGITUDINAL

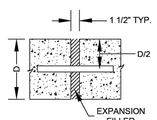



TIED LONGITUDINAL

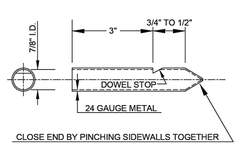



KEYED

### EXPANSION

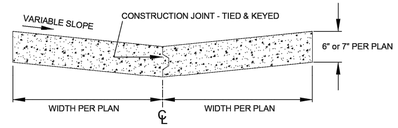



DOWELED TRANSVERSE

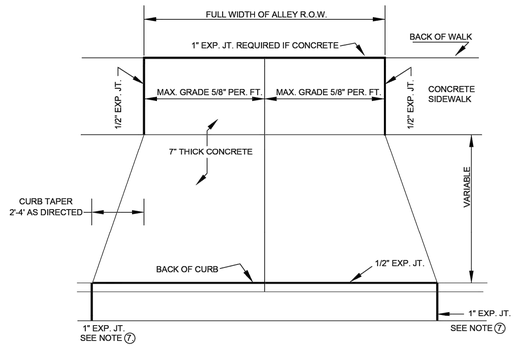



DOWEL SOCKET DETAIL

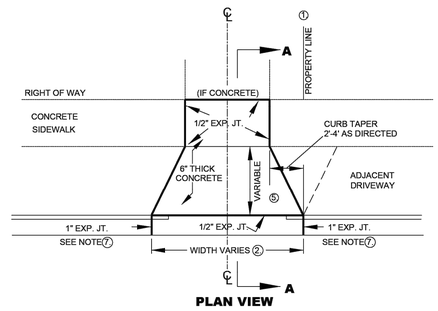
ALL JOINTS TO BE SEALED TO KEEP OUT FOREIGN DEBRIS



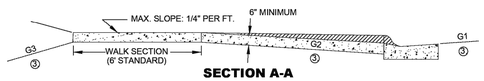

## TYPICAL ALLEY PAVEMENT SECTION DETAIL




## STANDARD ALLEY DRIVEWAY DETAIL



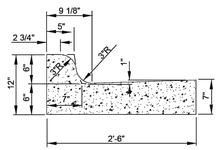

## PLAN VIEW



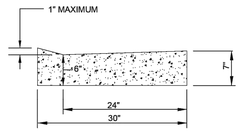

## SECTION A-A

## STANDARD DRIVEWAY DETAIL

1. DRIVE SECTION SHALL NOT OVERLAP PROPERTY LINE EXTENDED, EXCEPT WHERE PERMITTED BY THE ENGINEER, OR WHEN A JOINT DRIVEWAY AGREEMENT IS EXECUTED BY OWNERS OF ADJACENT PROPERTIES.
2. MAXIMUM DRIVEWAY WIDTH AT THE CURB AND SIDEWALK IS SET FORTH IN CITY ORDINANCE SEC. 40-4. FINAL DIMENSIONS SHALL BE APPROVED BY THE ENGINEERING DEPARTMENT.
3. THE BREAKOVER ANGLE (CAUSE OF CARS BOTTOMING) BECOMES CRITICAL WHEN THE ALGEBRAIC DIFFERENCE OF GRADES (G1, G2, & G3) EXCEEDS 11%.
4. A REINFORCED DRIVE SECTION IS REQUIRED FOR CURB & GUTTER IN AREAS ZONED INDUSTRIAL OR COMMERCIAL.
5. BACK OF CURB TO FRONT OF CONCRETE SIDEWALK MUST BE CONCRETE, BRICK OR ASPHALT.
6. MECHANICAL COMPACTION OF SUBSOIL IN LAYERS LESS THAN 12" TO ACHIEVE MINIMUM COMPACTION OF 95% OF MAXIMUM DENSITY FROM MODIFIED PROCTOR IS REQUIRED. (INCLUDING STREET SIDE AFTER FORMS ARE REMOVED)
7. EXPANSION JOINT IS REQUIRED AT BOTH ENDS OF DRIVEWAY WHEN ONLY DRIVEWAY IS INSTALLED OR REPLACED. WHEN ENTIRE BLOCK OF CURB & GUTTER IS INSTALLED THE EXPANSION JOINT AT DRIVEWAY ENDS MAY BE OMITTED.
8. TURNING OF 2' DIAMETER DRIVEWAY RETURNS IN LIEU OF DIMINISHING CURB AS SHOWN IS PERMITTED IF DESIRED BY PROPERTY OWNER.
9. INSTALLATION OF A DRIVEWAY BY REMOVING EXISTING CURB ONLY IS NOT ALLOWED. ENTIRE EXISTING C&G MUST BE REMOVED FOR NEW DRIVEWAYS. SAWING & REMOVAL OF A MINIMUM 2' WIDTH OF ASPHALT STREET PAVEMENT TO INSTALL FRONT FORMS IS REQUIRED.

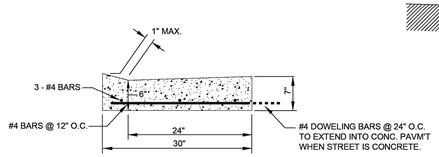



## STANDARD CURB & GUTTER SECTION

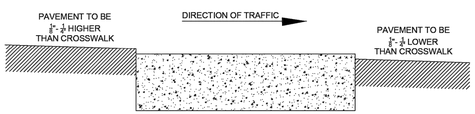



## GUTTER ONLY SECTION

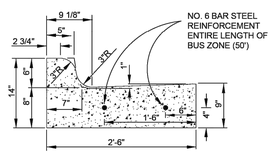
DRAWINGS NOT TO SCALE



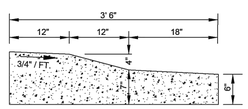

## REINFORCED DRIVEWAY SECTION 4




## CONCRETE CROSSWALK DETAIL




## REINFORCED CURB & GUTTER SECTION (BUS STOP LOCATIONS)




## TRAFFIC CIRCLE CURB SECTION

**STANDARD DETAIL D-1-1**

**CONCRETE PAVEMENT & CURB AND GUTTER**

ENGINEERING DEPT.
City of LaCrosse, Wis.

| | | BY | DATE |
|---|---|---|---|
| FIELD BOOK | SURVEYED | | |
| | DRAWN PREL'MINARY | | |
| NUMBER | DRAWN FINAL | | |
| | CHECKED | | |
| | APPROVED | | 01/2021 |
| PAGE | REVISIONS | JMC | 11/2024 |

SCALE: NONE

D-1-1 CONCRETE-C&G 2021

D-1-1 Concrete-C&G.dwg

ISG

SHEET NOT VALID UNLESS THIS TEXT IS COLOR.



PROJECT

**BORTON CONSTRUCTION**

**NEW OFFICE**

LA CROSSE WISCONSIN

REVISION SCHEDULE

| DATE | DESCRIPTION | BY |
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|---|---|
| PROJECT NO. | 26-34320 |
| FILE NAME | 34320 C0-DETAILS |
| DRAWN BY | AAE |
| DESIGNED BY | AAE |
| REVIEWED BY | KBR |
| ORIGINAL ISSUE DATE | 06/05/2026 |
| CLIENT PROJECT NO. | - |

TITLE

**TYPICAL DETAILS**

SHEET

**C0-23**

# EROSION CONTROL NOTES

**PROJECT LOCATION**
PROJECT LOCATION:
CITY/TOWNSHIP:
COUNTY/STATE:
ZIP CODE:
LATITUDE/LONGITUDE:

**PROJECT DESCRIPTION**
THE PROJECT INCLUDES CONSTRUCTION OF AN APARTMENT BUILDING, CONCRETE PAVEMENT, ASPHALT PAVEMENT, CURB & GUTTER, AND CONCRETE WALK, ALONG WITH ALL THE NECESSARY GRADING, UTILITIES, STORM WATER MANAGEMENT, EROSION CONTROL, AND ANY ADDITIONAL COMPONENTS.

| **TENTATIVE CONSTRUCTION SCHEDULE** (OPERATOR SHOULD PROVIDE ESTIMATED CONSTRUCTION SCHEDULE TO THE OWNER'S REPRESENTATIVE) | |
|---|---|
| **CONSTRUCTION ACTIVITIES:** | **ESTIMATED DATES OF SOIL DISTURBANCE ACTIVITIES:** |
| CLEARING AND GRUBBING OPERATIONS, GRADING, BASIN EXCAVATION | APRIL – JUNE 2024 |
| BASIN SEEDING | JUNE 2024 |
| BRIDGE | APRIL – OCTOBER 2024 |
| CULVERT REMOVAL AND REPLACEMENT | JUNE – AUGUST 2024 |
| CURB & GUTTER/SIDEWALK | AUGUST – OCTOBER 2024 |
| PAVING | SEPTEMBER – OCTOBER 2024 |
| INITIAL TURF, BRIDGE RAILING/LIGHTING | NOVEMBER 2024 |
| LANDSCAPING, FINAL TURF, MISC. | APRIL – AUGUST 2024 |

**PRE-CONSTRUCTION IMPERVIOUS SURFACE AND DISTURBED AREA CALCULATIONS**
TOTAL AREA TO BE DISTURBED = XXXX ACRES
MINIMUM AREA REQUIREING WPDES PERMIT = 1.00 ACRES
****PROJECT DOES/DOES NOT REQUIRE A WPDES PERMIT****
IMPERVIOUS AREA: PRE-CONSTRUCTION = X.XX ACRES[a]/POST-CONSTRUCTION = X.XX ACRES[a]
NET INCREASE OF IMPERVIOUS AREA = X.XX ACRES[a] (*AREAS EXCLUDES 0.525 ACRES MILL & OVERLAY ON EXCELSIOR BLVD.)

**CONTACT INFORMATION/RESPONSIBLE PARTIES**
THE OWNER OWNS THE LAND, ADJACENT ROADS, AND EASEMENT AREAS ASSOCIATED WITH THE PROJECT. THE OWNER IS THE OWNER CO-PERMITTEE APPLYING FOR PERMIT COVERAGE AND WILL BE RESPONSIBLE FOR COMPLIANCE WITH ALL TERMS AND CONDITIONS OF THE PERMIT INCLUDING DEVELOPING THIS EROSION CONTROL PLAN AND THE LONG-TERM MAINTENANCE PLAN OF THE PERMANENT STORMWATER MANAGEMENT SYSTEM FOR THIS PROJECT (IF APPLICABLE). THE OWNER WILL ENSURE THAT THE DESCRIBED WORK IN THE EROSION CONTROL PLAN IS BEING COMPLETED BY THE OPERATOR PERMITTEE.

OWNER/PERMITTEE: COMPANY (CONTACT NAME, TITLE)
ADDRESS
CITY, STATE ZIP
000.000.0000/EMAIL

THE PRIMARY CONTRACTOR WILL ENTER INTO A CONTRACT WITH THE OWNER TO COMPLETE THE REQUIRED WORK FOR THIS PROJECT. THE PRIMARY CONTRACTOR WILL BECOME (UNDER CONTRACT) THE OPERATOR CO-PERMITTEE APPLYING FOR PERMIT COVERAGE ON THE WPDES, AND THEREBY AGREE TO IMPLEMENT THIS EROSION CONTROL PLAN IN COOPERATION WITH THE OWNER. THE OPERATOR IS RESPONSIBLE FOR IDENTIFYING AN EROSION CONTROL SUPERVISOR PRIOR TO STARTING CONSTRUCTION (REFER TO EROSION CONTROL AMENDMENT SECTION).

THE OPERATOR WILL ENSURE THAT INDIVIDUALS OVERSEEING OR IMPLEMENTING THE EROSION CONTROL PLAN HAVE BEEN PROPERLY TRAINED AND THAT CERTIFICATIONS WILL BE MADE AVAILABLE UPON REQUEST. THIS INCLUDES ANY SUB-CONTRACTORS THAT THE OPERATOR EMPLOYS UNDER SEPARATE CONTRACT. THE OPERATOR WILL PROVIDE THE CONTACT INFORMATION FOR THE EROSION CONTROL SUPERVISOR, SITE SUPERINTENDENT/FOREMAN, AND BMP INSTALLERS. THE EROSION CONTROL SUPERVISOR SHALL BE A RESPONSIBLE EMPLOYEE OF THE PRIME CONTRACTOR AND/OR DULY AUTHORIZED BY THE PRIME CONTRACTOR TO REPRESENT THE PRIME CONTRACTOR ON ALL MATTERS PERTAINING TO THE WPDES CONSTRUCTION STORMWATER PERMIT COMPLIANCE. THE EROSION CONTROL SUPERVISOR SHALL HAVE AUTHORITY OVER ALL OPERATOR ACTIVITIES WHICH INFLUENCE WPDES PERMIT COMPLIANCE, INCLUDING GRADING, EXCAVATION, BRIDGE CONSTRUCTION, CULVERT INSTALLATION, UTILITY WORK, CLEARING/GRUBBING, DEWATERING, AND ANY OTHER OPERATION THAT INCREASES THE EROSION POTENTIAL ON THE PROJECT.

THE OPERATOR WILL PERFORM A PRECONSTRUCTION SITE VISIT TO ADDRESS ANY AREAS OF CONCERN PERTAINING TO ENVIRONMENTAL COMPLIANCE. THE OPERATOR WILL IMPLEMENT AND MAINTAIN BMPS FOR THE DURATION OF CONSTRUCTION PROJECT. THE OPERATOR WILL COMPLETE THE REQUIRED SITE INSPECTIONS.

ISG INC. HAS BEEN CONTRACTED BY THE OWNER TO DEVELOP THE EROSION CONTROL PLAN FOR THIS PROJECT. ISG INC. WILL OFFER GUIDANCE FOR COMPLIANCE WITH THE WPDES PERMIT BEFORE, DURING, AND AFTER CONSTRUCTION OF THE PROJECT.

DESIGNER:
ISG INC. (XXXXXX)
201 MAIN ST., SUITE 1020
LA CROSSE, WI 54601
XXX-XXX-XXXX/XXXXXXX@ISGINC.COM

PERMENANT STORMWATER MANAGEMENT DESIGNER:
ISG INC. (XXXXXXXXXX)
201 MAIN ST., SUITE 1020
LA CROSSE, WI 54601
XXX-XXX-XXXX/XXXXXX@ISGINC.COM

**EXISTING SITE CONDITIONS, SOILS, & WATER RESOURCES**
SOILS AND NATIVE TOPSOIL: NATIVE TOPSOIL WILL BE STRIPPED AND STOCKPILED FOR FINAL GRADING OPERATIONS, WHERE INDICATED IN THE CONSTRUCTION PLANS AND SPECIFICATIONS. METHODS AND EQUIPMENT TO MINIMIZE SOIL COMPACTION (IN PROPOSED INFILTRATION AREAS, DRIP LINE OF TREES TO BE PRESERVED, ETC.) SHALL BE DETERMINED BY THE OPERATOR'S EROSION CONTROL PLAN AMENDMENT. TRACKED VEHICLES ARE PREFERRED AND WHEELED VEHICLES ARE DISCOURAGED IN THESE AREAS. THE ON-SITE SOILS INCLUDE TOPSOIL, SAND AND LEAN CLAY AT X% TO X% SLOPES. REFER TO THE GEOTECHNICAL REPORT INCLUDED WITHIN THE PROJECT SPECIFICATIONS FOR MORE DETAILED SOIL INFORMATION. THE EXISTING SITE INCLUDES PAVED AND GRAVEL SURFACING, VEGETATED AREAS ARE GRASS IN FAIR CONDITION AND A PORTION OF THE SITE IS FARMED. NO HISTORIC SITE CONTAMINATION IS KNOWN.

IMMEDIATE RECEIVING WATERS: STORMWATER FROM THIS PROJECT WILL BE CONVEYED INTO SEVERAL CONSTRUCTED DITCHES AND STORMWATER PONDS. PROJECT DISCHARGE POINTS DISCHARGE TO DES PLAINES RIVER (WBIC 734000). A RECEIVING WATERS REVIEW WAS COMPLETED ON X/XX/2018. BASED ON THIS REVIEW THE RECEIVING WATER DES PLAINES RIVER IS AN OUTSTANDING RESOURCE WATER (ORW), EXCEPTIONAL RESOURCE WATER (ERW), FISH AND AQUATIC LIFE WATER AND/OR AN IMPAIRED WATER, THEREFORE SECTION 4.4 REQUIREMENTS APPLY TO THIS PROJECT.
THE RECEIVING WATER DES PLAINES RIVER IS NOT AN OUTSTANDING RESOURCE WATER (ORW), EXCEPTIONAL RESOURCE WATER (ERW), FISH AND AQUATIC LIFE WATER AND/OR AN IMPAIRED WATER.

ORW, ERW AND IMPAIRED WATER STORMWATER DISCHARGE: STORMWATER DISCHARGE THAT WOULD FIRST OCCUR AFTER THE PERMITTEE'S START DATE OF COVERAGE TO A SURFACE WATER TO WHICH THE SITE DID NOT PREVIOUSLY DISCHARGE STORM WATER SHALL NOT BE ESTABLISHED DIRECTLY TO AN ORW, ERW, FISH AND AQUATIC LIFE WATER OR IMPAIRED WATER UNLESS THE DISCHARGE OF POLLUTANTS IS LESS THAN OR EQUAL TO THE EXISTING LEVELS OF POLLUTANTS IMMEDIATELY UPSTREAM OF THE DISCHARGE SITE.

PROTECTIVE AREA OF NO LESS THAN 75 FEET SHALL BE MAINTAINED TO ANY ORW AND ERW.

DISCHARGE OF POLLUTANT(S) OF CONCERN VIA STORMWATER TO AN IMPAIRED WATER OR APPROVED TMDL SHALL BE MANAGED BY XXXX CONTROL MEASURES AND MANAGEMENT PRACTICES THAT WILL COLLECTIVELY BE USED TO REDUCE OR ELIMINATE THE STORMWATER DISCHARGE OF POLLUTANT(S) OF CONCERN THAT CONTRIBUTE TO THE IMPAIRMENT OF THE WATER BODY. THESE CONTROL MEASURES AND MANAGEMENT PRACTICES WERE CHOSEN OPPOSED TO OTHER ALTERNATIVES BECAUSE XXX.

**PERMANENT STORMWATER TREATMENT SYSTEMS**
THIS SITE IS A NEW DEVELOPMENT / REDEVELOPMENT AND IS REQUIRED TO MEET XX% TSS REMOVAL FROM THE POST-CONSTRUCTION SITE. POST-DEVELOPMENT PEAK RUNOFF DISCHARGE RATES SHALL BE EQUAL TO OR LESS THAN PRE-DEVELOPMENT CONDITIONS FOT THE 1-YEAR, 24-HOUR AND THE 2-YEAR, 24-HOUR DESIGN STORMS. THE POST-DEVELOPMENT SITE HAS LOW / MODERATE / HIGH IMPERVIOUSNESS AND SHALL INFILTRATE AT LEAST XX% OF THE PRE-DEVELOPMENT INFILTRATION VOLUME.
HYDROLOGIC AND WATER QUALITY MODELING DATA AND THE CONTAMINATION CHECKLIST IS AVAILABLE UPON REQUEST.

**POTENTIAL FOR SEDIMENT AND/OR OTHER POLLUTANT(S) DISCHARGING FROM THE PROJECT SITE**
THE TEMPORARY EROSION AND SEDIMENT CONTROL BMPS IN THIS EROSION CONTROL PLAN HAVE BEEN DESIGNED TO MINIMIZE THE POTENTIAL OF SEDIMENTS DISCHARGING OFF-SITE FROM A 0.5 INCH RAINFALL WITHIN A 24 HOUR PERIOD. THE NOAA ATLAS 14 POINT PRECIPITATION FREQUENCY ESTIMATE FOR THE PROJECT LOCATION WAS REVIEWED AND USED FOR ANTICIPATED INSPECTION FREQUENCY, BMP DESIGN, AND ESTIMATING CONSTRUCTION ACTIVITIES IN THIS EROSION CONTROL PLAN. ATLAS 14 RESULTS DO NOT NECESSARILY REFLECT ANY DESIGN CRITERIA IN THE PERMANENT STORMWATER MANAGEMENT SYSTEM.

ROUTINE INSPECTION AND BMP MAINTENANCE BY THE OPERATOR IS CRUCIAL IN ENSURING THE FUNCTIONALITY OF EACH BMP. STEEP SLOPES AND OTHER ENVIRONMENTALLY SENSITIVE AREAS THAT ARE AT A HIGHER RISK OF SEDIMENTATION ARE DEFINED IN THIS SWPPP (IF APPLICABLE).

**CONSTRUCTION PHASING/STAGING, BUFFERS, & AREAS NOT TO BE DISTURBED**
AREAS NOT TO BE DISTURBED ARE TO BE DELINEATED BEFORE WORK BEGINS. PERMITEES ARE RESPONSIBLE FOR PRESERVING A 75 FOOT NATURAL BUFFER OR (IF INFEASIBLE AND DOCUMENTED) PROVIDE REDUNDANT SEDIMENT CONTROL BMPS, WHEN A SURFACE WATER IS LOCATED WITHIN 50 FEET AND RECEIVES DRAINAGE FROM THE PROJECT'S GRADING LIMITS. THIS REQUIREMENT DOES NOT APPLY TO ADJACENT ROADSIDE DITCHES, JUDICIAL/COUNTY DITCHES, STORMWATER CONVEYANCES, STORM DRAIN INLETS, AND SEDIMENT BASINS.

EXISTING VEGETATION SHALL BE PRESERVED WHERE FEASIBLE AND LAND DISTURBING CONSTRUCTION ACTIVITIES SHALL BE STAGED TO LIMIT EXPOSED SOIL AREAS SUBJECT TO EROSION. DISTURBED PORTIONS OF THE CONSTRUCTION SITE ARE TO BE TEMPORARILY OR PERMANENTLY STABILIZED AS SOON AS PRACTICABLE AND SHALL BE INITIATED NO LATER THAN THE END OF THE NEXT WORKDAY FOLLWING THE DAY EARTH-DISTURBING ACTIVITIES IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. INITIATED STABILIZATION IS DEFINED AS COMPLETING ONE (OR MORE) OF THE FOLLOWING: SOIL PREPARATION FOR VEGETATION, MULCHING (OR OTHER TEMPORARY NON-VEGETATIVE BMP), SEEDING/PLANTING, OR SCHEDULING STABILIZATION MEASURES TO BE FULLY INSTALLED AND COMPLETED AS SOON AS PRACTICABLE.

**EROSION AND SEDIMENT CONTROL BMPS**
EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE USED TO PREVENT OR REDUCE THE FOLLOWING IN ORDER TO DISCHARGE NO MORE THAN 5 TONS PER ACRE PER YEAR OF SEDIMENT FROM THE DISTURBED AREA.

THE OPERATOR SHALL CLEARLY IDENTIFY THE CONTRACTOR(S) AND SUBCONTRACTOR(S) THAT ARE RESPONSIBLE FOR THE INSTALLATION, OPERATION, AND CONTINUED MAINTENANCE OF ALL TEMPORARY AND PERMANENT WATER QUALITY MANAGEMENT BMPS, AS WELL AS ALL EROSION PREVENTION AND SEDIMENT CONTROL BMPS, FOR THE DURATION OF THE CONSTRUCTION WORK AT THE SITE, UNTIL FINAL STABILIZATION IS ACHIEVED. ALL BMPS MUST BE ADEQUATELY LOCATED, DESIGNED, INSTALLED, AND MAINTAINED TO PREVENT EROSION FROM A MINIMUM 0.5 INCH TOTAL RAINFALL EVENT WITHIN 24 HOURS.

ALL NONFUNCTIONAL BMPS MUST BE REPAIRED, REPLACED, OR SUPPLEMENTED WITH FUNCTIONAL BMPS BY THE END OF THE NEXT BUSINESS DAY AFTER DISCOVERY, OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS UNLESS ANOTHER TIME FRAME IS SPECIFIED IN THE EROSION CONTROL PLAN. ALL ERODED MATERIAL THAT LEAVES THE SITE SHALL BE COLLECTED BY THE OPERATOR AND RETURNED TO THE SITE AT THE OPERATOR'S EXPENSE AND INCIDENTAL TO THE PROJECT COST.

TEMPORARY STABILIZATION BMPS SHALL ONLY BE IMPLEMENTED WHEN PERMANENT STABILIZATION BMPS CANNOT BE IMPLEMENTED WITHIN A REASONABLE TIMEFRAME FOR EXPOSED SOILS.

**DEWATERING**
DEWATERING, STREAM DIVERSION, OR BASIN DRAINING MAY BE REQUIRED DURING CONSTRUCTION OF THIS PROJECT. WHEN DEWATERING IS REQUIRED, THE CONTRACTOR SHALL SUBMIT A DEWATERING PLAN AND NARRATIVE TO THE PROJECT ENGINEER FOR APPROVAL PRIOR TO UNDERTAKING THESE ACTIVITIES. DEWATERING PLAN MUST BE DESIGNED IN ACCORDANCE WITH WI DNR TECHNICAL STANDARD 1061 INCLUDE BMP'S TO PREVENT SEDIMENT TRANSPORT, EROSION, AND ADVERSE IMPACTS TO DOWNSTREAM RECEIVING WATERS. THE DEWATERING PLAN MUST ALSO INCLUDE ANY SPECIFIC CHEMICAL TREATMENTS (FLOC, POLYMERS, ETC.) THAT WILL BE USED. THE DEWATERING PLAN AND DNR APPROPRIATIONS PERMIT WILL BECOME PART OF THE EROSION CONTROL PLAN. WATER THAT IS TURBID OR HAS SEDIMENT MUST BE DISCHARGED TO A TEMPORARY OR PERMANENT SEDIMENTATION BASIN (AND/OR OTHER APPROPRIATE BMPS) ON THE PROJECT SITE WHENEVER POSSIBLE. DISCHARGE FROM THE TEMPORARY OR PERMANENT SEDIMENTATION BASIN MUST BE VISUALLY CHECKED TO ENSURE ADEQUATE TREATMENT IS OBTAINED IN THE BASIN AND THAT NUISANCE CONDITIONS, IMPACTS TO WETLANDS, AND EROSION IN RECEIVING CHANNELS OR ON DOWNSLOPE PROPERTIES WILL NOT RESULT FROM THE DISCHARGE. THE DISCHARGE MUST BE DISPERSED OVER NATURAL ROCK RIPRAP, SANDBAGS, PLASTIC SHEETING, OR OTHER ACCEPTED ENERGY DISSIPATION MEASURES. ADEQUATE SEDIMENTATION CONTROL MEASURES AND ADDITIONAL FILTRATION BMPS ARE REQUIRED FOR DISCHARGE WATER THAT CONTAINS SUSPENDED SOLIDS, OIL, OR GREASE.

**SEQUENCE OF CONSTRUCTION/TIMING OF BMP INSTALLATION**
NO CONSTRUCTION OPERATIONS, INCLUDING REMOVALS, THAT REQUIRE EROSION & SEDIMENT CONTROL PER THE EROSION CONTROL PLAN CAN COMMENCE UNTIL THE OPERATOR'S EROSION CONTROL SUPERVISOR CERTIFIES THE PROPER INSTALLATION OF BMP'S AND A CHAIN OF RESPONSIBILITY FOR EROSION CONTROL PLAN IMPLEMENTATION IS CREATED FOR ALL OPERATORS ON THE SITE. PERIMETER SEDIMENT CONTROLS (SILT FENCE, INLET PROTECTION, CONSTRUCTION ENTRANCES, ETC.) SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION. THESE PRACTICES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION IS ACHIEVED. OPERATOR SHALL IMPLEMENT THE NECESSARY ON-SITE BMP'S IN ACCORDANCE WITH THE WPDES PERMIT REQUIREMENTS TO PREVENT NUISANCE CONDITIONS FROM ANY DISCHARGES UNDER COVERAGE OF THE WPDES PERMIT. IN SOME CASES, MULTIPLE OR REDUNDANT APPLICATIONS OF SOME BMP'S MAY BE NEEDED TO MEET THESE REQUIREMENTS.

**TEMPORARY & PERMANENT EROSION PREVENTION BMPS**

TEMPORARY/PERMANENT DRAINAGE DITCHES & SWALES: THE NORMAL WETTED PERIMETER (2-YEAR, 24-HOUR PRECIPITATION EVENT) OF ANY TEMPORARY OR PERMANENT DRAINAGE DITCH, CHANNEL, OR SWALE THAT DRAINS WATER FROM ANY PORTION OF THE CONSTRUCTION SITE, OR DIVERTS WATER AROUND THE SITE, MUST BE STABILIZED WITHIN THE LAST 200 LINEAL FEET FROM THE PROPERTY EDGE, OR FROM THE POINT OF DISCHARGE INTO ANY SURFACE WATER WITHIN 24 HOURS OF CONNECTION. STABILIZATION REMAINING OF THE REMAINING PORTIONS OF THE CHANNEL MUST BE STABILIZED WITHIN 14 DAYS. ALL STORMWATER CONVEYANCE CHANNELS MUST USE EROSION CONTROL AND VELOCITY DISSIPATION DEVICES WITHIN AND ALONG THE LENGTH OF THE CHANNEL AND AT ANY OUTLETS. TEMPORARY OR PERMANENT DITCHES OR SWALES THAT ARE BEING USED AS A TEMPORARY SEDIMENT CONTAINMENT SYSTEM (WITH PROPERLY DESIGNED ROCK DITCH CHECKS, BIO ROLLS, SILT DIKES ETC.) DO NOT NEED TO BE STABILIZED. THESE AREAS HOWEVER MUST BE STABILIZED WITHIN 24 HOURS AFTER NO LONGER BEING USED AS A SEDIMENT CONTAINMENT SYSTEM. MULCH, HYDROMULCH, TACKIFIER, OR POLYARCRYLAMIDE BELOW THE WETTED PERIMETER OF A DITCH, SWALE, OR OTHER SURFACE WATER CONVEYANCE IS NOT ACCEPTABLE STABILIZATION.

EROSION CONTROL BLANKETS/MATS: OPERATOR SHALL VERIFY DURING REGULAR INSPECTIONS THAT NO GULLIES, RILLS, OR SCOUR HOLES HAVE FORMED UNDER EROSION CONTROL BLANKETS AND MATS. ALL REPAIRS MUST BE COMPLETED WITHIN 24 HOURS OF DISCOVERY, OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS.
USE THE REQUIRED CLASS AND TYPE OF EROSION MAT THE PLANS SHOW OR IS SPECIFIED.

MULCH: OPERATOR MUST APPLY MULCH IN A UNIFORM PATTERN OVER THE DISTURBED SOILS, TO ACHIEVE A MINIMUM OF 90% GROUND COVER.
METHOD A, NETTING: SECURLY ANCHOR MULCHING MATERIAL BY APPROVED NETTING AND PEGS OR STAPLES
METHOD B, TACKIFIER: UTILIZE A TACKIFIER TO TREAT OR APPLY TO THE MULCHING MATERIAL

DUST CONTROL: DUST FROM THE SITE WILL BE CONTROLLED BY INCREASED STREET SWEEPING AND/OR USING A MOBILE PRESSURE-TYPE DISTRIBUTOR TRUCK TO APPLY POTABLE WATER TO DISTURBED AREAS. THE MOBILE UNIT WILL APPLY WATER AT A RATE NECESSARY TO PREVENT RUNOFF AND PONDING.

STORM SEWER OUTLETS: PIPE OUTLETS MUST HAVE TEMPORARY OR PERMANENT ENERGY DISSIPATION WITHIN 24 HOURS AFTER HYDRAULIC CONNECTION TO A RECEIVING SURFACE WATER.

TEMPORARY WINTER COVER: AREAS OF EXPOSED SOILS THAT ARE NOT COMPLETED BEFORE THE WINTER SHALL BE STABILIZED BEFORE CONSTRUCTION IS COMPLETED FOR THE SEASON.

**TEMPORARY & PERMANENT SEDIMENT CONTROL BMPS**

DOWNGRADIENT SYSTEMS: IF THE DOWNGRADIENT TREATMENT SYSTEM IS OVERLOADED, ADDITIONAL UP GRADIENT SEDIMENT CONTROL PRACTICES OR REDUNDANT BMPS MUST BE INSTALLED TO ELIMINATE THE OVERLOADING, AND THE EROSION CONTROL PLAN MUST BE AMENDED TO IDENTIFY THESE ADDITIONAL PRACTICES.

PERIMETER CONTROL BMPS (SILT FENCES, CHIP/SLASH MULCH SACKS, BIOROLLS, FLOATING SILT CURTAIN, ETC.): PERIMETER CONTROL BMPS SHALL BE INSTALLED ON ALL DOWNGRADIENT PERIMETERS AND UPGRADIENT OF ANY BUFFER AREAS, PRIOR TO INITIATING UPGRADIENT LAND DISTURBANCE ACTIVITIES. UPLAND PERIMETER CONTROLS BMPS SHALL BE PLACED AS CLOSE AS POSSIBLE TO FOLLOW A SINGLE CONTOUR ELEVATION. ALL PERIMETER CONTROL DEVICES MUST BE REPAIRED, REPLACED, OR MAINTAINED WHEN THEY BECOME NONFUNCTIONAL OR THE SEDIMENT REACHES 1/2 OF THE HEIGHT OF THE DEVICE. FLOATING SILT CURTAIN SHALL BE INSTALLED AS CLOSE TO THE SHORELINE AS POSSIBLE FOR SHORELAND/IN-WATER SHORT-TERM CONSTRUCTION ACTIVITIES. IMMEDIATELY AFTER THE SHORT-TERM ACTIVITY IN THAT AREA IS COMPLETE, AN UPLAND PERIMETER CONTROL MUST BE INSTALLED IF EXPOSED SOILS CONTINUE TO DRAIN TO THE SURFACE WATER.

TEMPORARY SEDIMENTATION BASINS AND TRAPS: THE BASIN INTAKE MUST BE DESIGNED IN ACCORDANCE WITH WI DNR TECHNICAL STANDARD 1063. THE BASIN SHALL WITHDRAW WATER FROM THE SURFACE, PREVENT SHORT CIRCUITING AND THE DISCHARGE OF FLOATING DEBRIS, INCLUDE AN EMERGENCY OVERFLOW ABOVE THE LIVE STORAGE ELEVATION, AND PROVIDE ENERGY DISSIPATION AT THE BASIN OUTLET. BASINS MUST BE DRAINED AND SEDIMENT REMOVED WHEN THE DEPTH OF COLLECTED SEDIMENT IN THE BASIN REACHES 1/2 THE LIVE STORAGE VOLUME.

TEMPORARY STOCKPILES: ALL STOCKPILES MUST HAVE SILT FENCE OR EQUIVALENT PERIMETER SEDIMENT CONTROLS IMPLEMENTED AND MAINTAINED AT ALL TIMES. PILES CANNOT BE PLACED IN BUFFER AREAS OR SURFACE WATERS, INCLUDING STORMWATER CONVEYANCES SUCH AS CURB AND GUTTER SYSTEMS, OR CONDUITS AND DITCHES UNLESS THERE IS A BYPASS IN PLACE TO PREVENT STORMWATER RUN-ON INTO THE STOCKPILE. STABILIZATION ON TEMPORARY STOCKPILES WITHOUT SIGNIFICANT SILT, CLAY OR ORGANIC COMPONENTS IS NOT REQUIRED.

CONSTRUCTION SITE ENTRANCE/VEHICLE TRACKING: OPERATOR MUST MINIMIZE SEDIMENT FROM LEAVING THE CONSTRUCTION SITE (OR ONTO STREETS WITHIN THE SITE) BY IMPLEMENTING BMPS SUCH AS ROCK PADS, SLASH MULCH, CONCRETE OR STEEL WASH RACKS, OR EQUIVALENT SYSTEMS. STREET SWEEPING MUST BE USED DAILY DURING CONSTRUCTION OPERATIONS IF SUCH BMPS ARE NOT ADEQUATE TO PREVENT SEDIMENT FROM BEING TRACKED ONTO THE STREET. TRACKED SEDIMENT MUST BE REMOVED FROM ALL PAVED SURFACES (ON AND OFF-SITE) WITHIN 24 HOURS OF DISCOVERY, OR SOONER AS DIRECTED BY THE PROJECT OWNER. MULTIPLE STREET SWEEPINGS AT THE OPERATOR'S EXPENSE MAY BE REQUIRED ON ALL ENTRY/EXIT POINTS TO THE SITE AT THE DISCRETION OF THE PROJECT OWNER.

SURFACE WATERS: INCLUDING OFF-SITE AND DOWNSTREAM DRAINAGE DITCHES, CATCH BASINS, AND CONVEYANCE SYSTEMS, MUST BE INSPECTED FOR EVIDENCE OF EROSION AND SEDIMENT DEPOSITION. THE REMOVAL AND STABILIZATION OF EXPOSED SOILS MUST TAKE PLACE WITHIN SEVEN (7) DAYS OF DISCOVERY UNLESS PRECLUDED BY LEGAL, REGULATORY, OR PHYSICAL ACCESS CONSTRAINTS. IF PRECLUDED, REMOVAL AND STABILIZATION MUST TAKE PLACE WITHIN SEVEN (7) CALENDAR DAYS OF OBTAINING ACCESS. THE PERMITTEES ARE RESPONSIBLE FOR CONTACTING ALL LOCAL, REGIONAL, STATE AND FEDERAL AGENCIES AND RECEIVING ANY APPLICABLE PERMITS, PRIOR TO CONDUCTING ANY WORK.

INLET PROTECTION: ALL STORM DRAIN INLETS (INCLUDING DOWNGRADIENT, OFF-SITE) MUST BE PROTECTED BY APPROPRIATE BMPS DURING CONSTRUCTION UNTIL ALL SOURCES WITH POTENTIAL FOR DISCHARGING TO THE INLET HAVE BEEN STABILIZED. SILT FENCE IS NOT AN ACCEPTABLE CATCH BASIN INLET PROTECTION BMP. CONTACTOR SHALL CLEAN, REMOVE AND DISPOSE OF SEDIMENT, AND/OR REPLACE STORM DRAIN INLET PROTECTION ON A ROUTINE BASIS TO ENSURE THE DEVICE IS FULLY FUNCTIONAL PRIOR TO THE NEXT FORECASTED PRECIPITATION EVENT (30% OR GREATER). INLET PROTECTION MAY BE REMOVED FOR A PARTICULAR INLET IF A SPECIFIC SAFETY CONCERN (STREET FLOODING/FREEZING) HAS BEEN IDENTIFIED BY THE PERMITTEE(S) OR THE JURISDICTIONAL AUTHORITY (E.G. CITY/COUNTY/TOWNSHIP/DOT ENGINEER). WRITTEN CORRESPONDENCE REGARDING THE NEED FOR REMOVAL MUST BE DOCUMENTED IN THE EROSION CONTROL PLAN.

CHEMICAL TREATMENTS: OPERATOR MUST AMEND THE SWPEROSION CONTROL PLAN TO INCLUDE THE INTENDED USES AND LOCATIONS OF FLOCCULANTS, POLYMERS, AND OTHER SEDIMENTATION TREATMENT CHEMICALS. CHEMICAL TREATMENTS MAY ONLY BE APPLIED IN AREAS WHERE TREATED STORMWATER IS DIRECTED TO A RECEIVING SEDIMENT CONTROL SYSTEM (NOT DIRECTLY DISCHARGED TO NATURAL WATER BODIES). THIS INCLUDES DOCUMENTING THE EXPECTED SOIL TYPES, MANUFACTURER'S RECOMMENDED DOSING, APPLICATION RATES/QUANTITIES, AND MONITORING RESULTS (TURBIDITY, PH).

**POLLUTION PREVENTION MANAGEMENT MEASURES**
THE FOLLOWING PREVENTATIVE MEASURES SHALL BE INCORPORATED:
1. MAINTENANCE OF EXISTING VEGETATION, ESPECIALLY ADJACENT TO SURFACE WATERS WHENEVER POSSIBLE;
2. MINIMIZATION OF SOIL COMPACTION AND PRESERVATION OF TOP-SOIL;

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SHEET NOT VALID UNLESS THIS TEXT IS COLOR.



PROJECT

**BORTON CONSTRUCTION**

**NEW OFFICE**

LA CROSSE WISCONSIN

REVISION SCHEDULE

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| PROJECT NO. | 26-34320 |
| FILE NAME | 34320 C1-SWPPP |
| DRAWN BY | AAE |
| DESIGNED BY | AAE |
| REVIEWED BY | KBR |
| ORIGINAL ISSUE DATE | 06/05/2026 |
| CLIENT PROJECT NO. | - |

TITLE

**SWPPP NARITIVE**

SHEET

**C1-10**

3. MINIMIZATION OF LAND DISTURBING CONSTRUCTION ACTIVITY ON SLOPES OF 20% OR MORE;
4. DEVELOPMENT OF SPILL PREVENTION AND RESPONSE PROCEDURES.

POTENTIAL SOURCES OF UNAUTHORIZED DISCHARGES CONSTRUCTION ACTIVITIES INCLUDE WASTEWATER DISCHARGES FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS; FUELS, OILS AND OTHER POLLUTANTS USED IN VEHICLE OPERATION AND MAINTENANCE; AND SOAPS OR SOLVENTS USED IN VEHICLE AND/OR EQUIPMENT WASHING.

THE PERMITTEE SHALL NOTIFY THE DEPARTMENT OF ANY RELEASE OR SPILL O FA HAZARDOUS SUBSTANCE TO THE ENVIRONMENT IN ACCORDANCE WITH S. 292.11, WIS. STATS., AND CH. CR 706 WIS. ADM. CODE AT (800) 943-0003.

## INSPECTIONS & MAINTENANCE

THE OPERATOR MUST INSPECT THE ENTIRE CONSTRUCTION SITE AT LEAST ONCE EVERY SEVEN (7) DAYS DURING ACTIVE CONSTRUCTION AND WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAN 0.5 INCHES IN 24 HOURS. THE OPERATOR SHALL PROVIDE A RAINFALL GAUGE ON-SITE, WITHIN ONE MILE OF THE SITE, OR SOURCE OF THE WEATHER REPORTING SYSTEM THAT USES SITE SPECIFIC RAINFALL DATA FROM RADAR SUMMARIES. THE LOCATION AND SOURCE OF THE RAINFALL GAUGE OR REPORTING SYSTEM MUST BE DOCUMENTED IN THE FIRST EROSION CONTROL INSPECTION REPORT. ALL MAINTENANCE SHALL BE DONE IN ACCORDANCE WITH TECHNICAL STANDARDS DEVELOPED PURSUANT TO SUBCH. V OF CH. NR 151, WIS. ADM. CODE. ALL INSPECTIONS AND MAINTENANCE CONDUCTED MUST BE RECORDED IN WRITING BY THE OPERATOR AND RETAINED WITH THE EROSION CONTROL PLAN. THE DEPARTMENT HAS DEVELOPED A MODEL INSPECTION REPORT AVAILABLE AT HTTP://DNR.WI.GOV/TOPIC/STORMWATER/CONSTRUCTION/FORMS.HTML OR AVAILABLE UPON REQUEST FOR THE PROJECT OWNER. RECORDS OF EACH INSPECTION AND MAINTENANCE ACTIVITY SHALL INCLUDE:

A. DATE, TIME AND EXACT LOCATION OF THE INSPECTION;
B. NAME OF PERSON(S) CONDUCTING INSPECTIONS;
C. AN ASSESSMENT OF THE CONDITION OF EROSION AND SEDIMENT CONTROLS;
D. A DESCRIPTION OF ANY EROSION AND SEDIMENT CONTROL INSTALLATION OR MAINTENANCE PERFORMED IN RESPONSE TO THE INSPECTION;
E. DESCRIPTION OF THE PRESENT PHASE OF CONSTRUCTION AT THE SITE AND ANY SCHEDULE MODIFICATIONS THAT MAY INCREASE SEDIMENT DISCHARGE.

THE OWNER SHALL BE IN CHARGE OF THE LONG-TERM MAINTENANCE OF PERMANENT BMPS.

## EROSION CONTROL PLAN AMENDMENTS & RECORD KEEPING

EROSION CONTROL PLAN AMENDMENTS AND SITE PLANS WILL BE PREPARED BY THE OPERATOR AND SUBMITTED TO THE OWNER FOR REVIEW AND WRITTEN APPROVAL BY THE PROJECT OWNER (OR DESIGNATED REPRESENTATIVE). ALL OWNER ACCEPTED AND DENIED EROSION CONTROL PLAN AMENDMENTS AND SITE PLANS MUST BE RECORDED IN WRITING AND RETAINED WITH THE EROSION CONTROL PLAN.

THE EROSION CONTROL PLAN SHALL BE AMENDED IF:

1. THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION OR MAINTENANCE AT THE CONSTRUCTION SITE, WHICH HAS THE REASONABLE POTENTIAL FOR THE DISCHARGE OF POLLUTANTS AND WHICH HAS NOT OTHERWISE BEEN ADDRESSED IN THE EROSION CONTROL AND STORM WATER MANAGEMENT PLANS;
2. THERE IS A CHANGE IN THE SEQUENCE, SCHEDULE, OR PHASING OF CONSTRUCTION AT THE CONSTRUCTION SITE WHICH HAS A REASONABLE POTENTIAL TO CAUSE AN EXCEEDANCE OF THE 5 TONS PER ACRE PER YEAR SEDIMENT PERFORMANCE STANDARD;
3. THE ACTIONS REQUIRED BY THE EROSION CONTROL AND STORM WATER MANAGEMENT PLANS FAIL TO REDUCE THE IMPACTS OF POLLUTANTS CARRIED BY CONSTRUCTION SITE STORM WATER RUNOFF.

FOR CONSTRUCTION SITES FOR WHICH THERE HAS BEEN EARLIER DEPARTMENT REVIEW OF THE EROSION CONTROL AND STORM WATER MANAGEMENT PLANS, IF THE PERMITTEE IDENTIFIES CHANGES NEEDED IN EITHER PLAN, THE PERMITTEE SHALL NOTIFY THE DEPARTMENT AT LEAST 5 WORKING DAYS PRIOR TO MAKING THE CHANGES IN THE PLAN.

THE EROSION CONTROL PLAN (ORIGINAL OR COPIES), ALL CHANGES TO THE EROSION CONTROL PLAN, PROJECT MANUAL, AND INSPECTIONS/MAINTENANCE RECORDS MUST BE KEPT AT THE SITE DURING CONSTRUCTION BY THE OPERATOR WHO HAS OPERATIONAL CONTROL OF THAT PORTION OF THE SITE. THE EROSION CONTROL PLAN CAN BE KEPT IN THE FIELD OFFICE OR ON SITE VEHICLE DURING NORMAL WORKING HOURS. THE PERMITEES MUST KEEP AND MAKE AVAILABLE TO FEDERAL, STATE, AND LOCAL OFFICIALS WITHIN FIVE DAYS THE EROSION CONTROL PLAN, OTHER STORMWATER RELATED PERMITS, RECORDS OF ALL INSPECTION/MAINTENANCE, ALL PERMANENT OPERATIONS AND MAINTENANCE AGREEMENTS, ALL REQUIRED CALCULATIONS FOR DESIGN OF THE TEMPORARY AND PERMANENT STORMWATER MANAGEMENT SYSTEMS AND OTHER INFORMATION REQUIRED BY THE GENERAL PERMIT FOR THREE YEARS FOLLOWING THE NOTICE OF TERMINATION.

## NOTICE OF TERMINATION

THE PERMITEE SHALL SIGN AND SUBMIT A NOTICE OF TERMINATION (NOT) (AVAILABLE THROUGH THE DEPARMENT AT HTTP://DNR.WI.GOV/TOPIC/STORMWATER/CONSTRUCTION/FORMS.HTML) TO THE DEPARTMENT WITHIN 45 DAYS AFTER FINAL STABILIZATION, REMOVAL OF TEMPORARY EROSION CONTROL BMPS AND ALL LAND DISTURBING CONSTRUCTION ACTIVITY UNDER THIS PERMIT HAVE CEASED.

FINAL STABILIZATION MEANS THAT ALL LAND DISTURBING CONSTRUCTION ACTIVITIES AT THE CONSTRUCTION SITE HAVE BEEN COMPLETED AND THAT A UNIFORM PERENNIAL VEGETATIVE COVER HAS BEEN ESTABLISHED WITH A DENSITY OF AT LEAST 70% OF THE COVER FOR THE UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES OR THAT EMPLOY EQUIVALENT PERMANENT STABILIZATION MEASURES.

TERMINATION OF COVERAGE UNDER THIS PERMIT SHALL BE EFFECTIVE UPON THE DEPARTMENT'S WRITTEN CONFIRMATION OF PERMIT TERMINATION TO THE PERMITEE.

## EROSION CONTROL NOTES:

1. POST WDNR CERTIFICATE OF PERMIT COVERAGE ON SITE AND MAINTAIN UNTIL CONSTRUCTION ACTIVITIES HAVE CEASED, THE SITE IS STABILIZED, AND A NOTICE OF TERMINATION IS FILED WITH WDNR.
2. KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT THE DURATION OF THE PROJECT.
3. SUBMIT PLAN REVISIONS OR AMENDMENTS TO THE WDNR AT LEAST 5 DAYS PRIOR TO FIELD IMPLEMENTATION.
4. THE CONTRACTOR IS RESPONSIBLE FOR ROUTINE SITE INSPECTIONS AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER. KEEP INSPECTION REPORTS ON-SITE AND MAKE THEM AVAILABLE UPON REQUEST.
5. INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
6. WHEN POSSIBLE: PRESERVE EXISTING VEGETATION (ESPECIALLY ADJACENT TO SURFACE WATERS), MINIMIZE LAND-DISTURBING CONSTRUCTION ACTIVITY ON SLOPES OF 20% OR MORE, MINIMIZE SOIL COMPACTION, AND PRESERVE TOPSOIL.
7. REFER TO THE WDNR STORMWATER CONSTRUCTION TECHNICAL STANDARDS AT HTTP://DNR.WI.GOV/TOPIC/STORMWATER/STANDARDS/CONST_STANDARDS.HTML
8. INSTALL PERIMETER EROSION CONTROLS AND ROCK TRACKING PAD CONSTRUCTION ENTRANCE(S) PRIOR TO ANY LAND-DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRUBBING. USE WDNR TECHNICAL STANDARD STONE TRACKING PAD AND TIRE WASHING #1057 FOR ROCK CONSTRUCTION ENTRANCE(S).
9. INSTALL INLET PROTECTION PRIOR TO LAND-DISTURBING ACTIVITIES IN THE CONTRIBUTING DRAINAGE AREA AND/OR IMMEDIATELY UPON INLET INSTALLATION. COMPLY WITH WDNR TECHNICAL STANDARD STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITES #1060.
10. STAGE CONSTRUCTION GRADING ACTIVITIES TO MINIMIZE THE CUMMULATIVE EXPOSED CONDUCT TEMPORARY GRADING FOR EROSION CONTROL PER WDNR TECHNICAL STANDARD TEMPORARY GRADING PRACTICES FOR EROSION CONTROL #1067.
11. PERMITTING OF GROUNDWATER DEWATERING IS THE RESPONSIBILITY OF THE CONTRACTOR. GROUNDWATER DEWATERING IS SUBJECT TO A DNR WASTEWATER DISCHARGE PERMIT AND A DNR HIGH CAPACITY WELL APPROVAL IF CUMULATIVE PUMP CAPACITY IS 70 GPM OR MORE. (REV. FEBRUARY 2017)
12. PROVIDE ANTI-SCOUR PROTECTION AND MAINTAIN NON-EROSIVE FLOW DURING DEWATERING. PERFORM DEWATERING OF ACCUMULATED SURFACE RUNOFF IN ACCORDANCE WITH WDNR TECHNICAL STANDARD DE-WATERING #1061. (REV. FEBRUARY 2017)
13. COMPLETE AND STABILIZE SEDIMENT BASINS/TRAPS OR WET PONDS PRIOR TO MASS LAND DISTURBANCE TO CONTROL RUNOFF DURING CONSTRUCTION. REMOVE SEDIMENT AS NEEDED TO MAINTAIN 3 FEET OF DEPTH TO THE OUTLET, AND PROPERLY DISPOSE OF SEDIMENT REMOVED DURING MAINTENANCE (REFER TO NR 528). CONSTRUCT AND MAINTAIN THE SEDIMENT BASIN PER WDNR TECHNICAL STANDARD SEDIMENT BASIN #1064 AND SEDIMENT TRAP # 1063.
14. CONSTRUCT AND PROTECT THE BIOINFILTRATION BASIN AND VEGETATION FROM RUNOFF AND SEDIMENT DURING CONSTRUCTION. REFERENCE THE WDNR TECHNICAL STANDARD BIORETENTION FOR INFILTRATION # 1004.
15. INSTALL AND MAINTAIN SILT FENCING PER WDNR TECHNICAL STANDARD SILT FENCE REMOVE SEDIMENT FROM BEHIND SILT FENCES AND SEDIMENT BARRIERS BEFORE SEDIMENT REACHES A DEPTH THAT IS EQUAL TO ONE-HALF OF THE FENCE AND/OR BARRIER HEIGHT.
16. REPAIR BREAKS AND GAPS IN SILT FENCES AND BARRIERS IMMEDIATELY. REPLACE DECOMPOSING STRAW BALES (TYPICAL BALE LIFE IS 3 MONTHS). LOCATE, INSTALL, AND MAINTAIN STRAW BALES PER WDNR TECHNICAL STANDARD DITCH CHECKS #1062.
17. INSTALL AND MAINTAIN FILTER SOCKS IN ACCORDANCE WITH WDNR TECHNICAL STANDARD INTERIM MANUFACTURED PERIMETER CONTROL AND SLOPE INTERRUPTION PRODUCTS # 1071.
18. IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.
19. IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15: STABILZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT, ANNUAL OATS, OR ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE OCTOBER 15 THROUGH COLD WEATHER: STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.
20. STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE.
21. SWEEP/CLEAN UP ALL SEDIMENT/TRASH THAT MOVES OFF-SITE DUE TO CONSTRUCTION ACTIVITY OR STORM EVENTS BEFORE THE END OF THE SAME WORKDAY. SEPARATE SWEPT MATERIALS (SOILS AND TRASH) AND DISPOSE OF APPROPRIATELY.
22. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST PER WDNR TECHNICAL STANDARD DUST CONTROL ON CONSTRUCTION SITES # 1068.
23. PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO THE RECEIVING CHANNEL.
24. THE CONTRACTOR IS RESPONSIBLE FOR UPDATING THE LAND DISTURBANCE PERMIT TO INDICATE THE ANTICIPATED OR LIKELY DISPOSAL LOCATIONS FOR ANY EXCAVATED SOILS OR CONSTRUCTION DEBRIS THAT WILL BE HAULED OFF-SITE FOR DISPOSAL. THE DEPOSITED OR STOCKPILED MATERIAL NEEDS TO INCLUDE PERIMETER SEDIMENT CONTROL MEASURES (SUCH AS SILT FENCE, HAY BALES, FILTER SOCKS, OR COMPACTED EARTHEN BERMS).
25. FOR NON-CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED SLOPES, PROVIDE CLASS I TYPE A EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRITE MATRIX IN WISDOT'S WIDOT PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD NON-CHANNEL EROSION MAT #1052.
26. FOR CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED AREAS, PROVIDE CLASS I TYPE B EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WISDOT'S WIDOT PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD CHANNEL EROSION MAT #1053.
27. MAKE PROVISIONS FOR WATERING DURING THE FIRST 8 WEEKS FOLLOWING SEEDING OR PLANTING OF DISTURBED AREAS WHENEVER MORE THAN 7 CONSECUTIVE DAYS OF DRY WEATHER OCCUR.
28. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE WDNR REMEDIATION AND WASTE MANAGEMENT REQUIREMENTS FOR HANDLING AND DISPOSING OF CONTAMINATED MATERIALS. SITE SPECIFIC INFORMATION FOR AREAS WITH KNOWN OR SUSPECTED SOIL AND/OR GROUNDWATER CONTAMINATION CAN BE FOUND ON WDNR'S BUREAU OF REMEDIATION AND REDEVELOPMENT TRACKING SYSTEM (BRRTS) PUBLIC DATABASE AT: HTTP://DNR.WI.GOV/BOTW/
29. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A SPILL PLAN. REFER TO THIS DOCUMENT IF THERE IS A DISCHARGE OF SEDIMENT AND/OR OTHER CONTAMINANTS. A SPILL PLAN IS REQUIRED IF THERE IS POTENTIAL TO DISCHARGE CONTAMINANTS TO WATERS OF THE STATE.
30. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A FRAC OUT PLAN IF DRILLING IS TO OCCUR. REFER TO THIS DOCUMENT IF AN INADVERTANT DISCHARGE OF DRILLING FLUIDS ("FRAC OUT") OCCURS. A SPILL PLAN IS REQUIRED IF THERE IS POTENTIAL TO DISCHARGE CONTAMINANTS TO WATERS OF THE STATE.
31. INSTALL AND MAINTAIN A CONCRETE WASHOUT BASIN PER EPA 833-F-11-006: HTTPS://WWW3.EPA.GOV/NPDES/PUBS/CONCRETEWASHOUT.PDF. REQUIRE USE BY ALL CONCRETE CONTRACTORS. LIQUID MAY BE REUSED IN CONCRETE MIXING, EVAPORATED, OR DISPOSED OF AS WASTEWATER.

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SHEET NOT VALID UNLESS THIS TEXT IS COLOR.



PROJECT

**BORTON CONSTRUCTION**

**NEW OFFICE**

LA CROSSE WISCONSIN

REVISION SCHEDULE

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| PROJECT NO. | 26-34320 |
| FILE NAME | 34320 C1-SWPPP |
| DRAWN BY | AAE |
| DESIGNED BY | AAE |
| REVIEWED BY | KBR |
| ORIGINAL ISSUE DATE | 06/05/2026 |
| CLIENT PROJECT NO. | - |

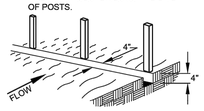
TITLE

**SWPPP NARITIVE**

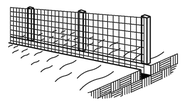
SHEET

**C1-11**

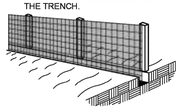
1. SET POSTS AND EXCAVATE A 4" x 4" TRENCH UPSLOPE ALONG THE LINE OF POSTS.



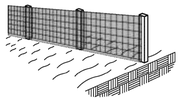

2. STAPLE WIRE FENCING TO THE POSTS.



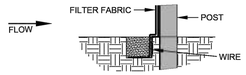
3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.



4. BACKFILL AND COMPACT THE EXCAVATED SOIL.

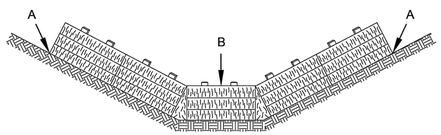


EXTENSION OF FABRIC & WIRE INTO TRENCH



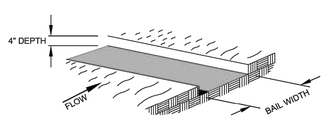

CONSTRUCTION OF A SILT FENCE
CHANNELIZED FLOW

PROPER PLACEMENT OF STRAW BALE BARRIER IN DRAINAGE WAY

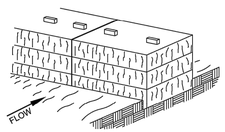



POINTS "A" SHOULD BE HIGHER THAN POINT "B"

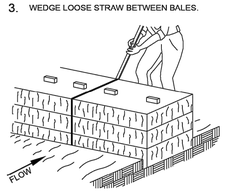
1. EXCAVATE THE TRENCH.



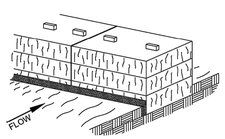

2. PLACE AND STAKE STRAW BALES.

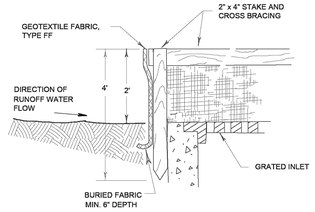


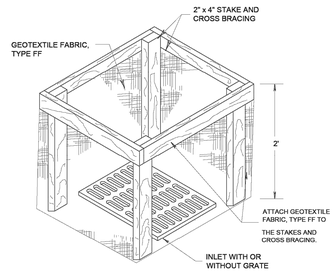

3. WEDGE LOOSE STRAW BETWEEN BALES.



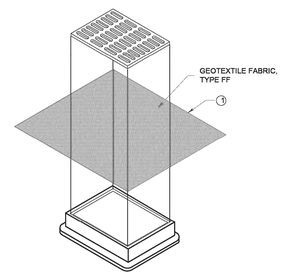

4. BACKFILL & COMPACT THE EXCAVATED SOIL.



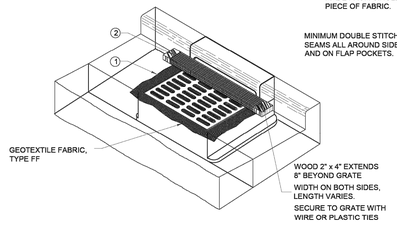



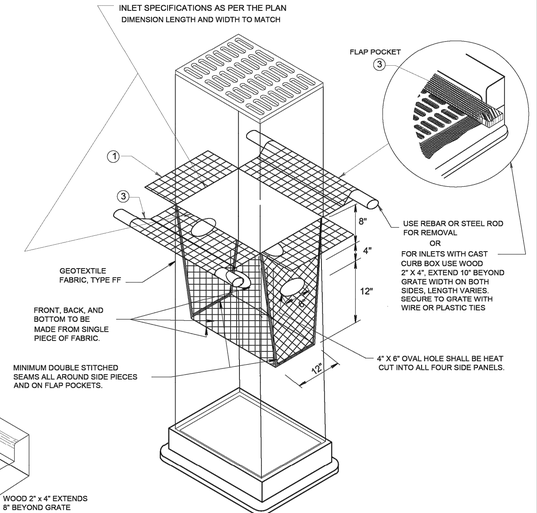

INLET PROTECTION, TYPE A




INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)
(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)




INLET PROTECTION, TYPE C (WITH CURB BOX)




INLET PROTECTION, TYPE D
(CAN BE INSTALLED IN ANY INLET TYPE WITH OR WITHOUT A CURB BOX AS PER NOTE ) ②

GENERAL NOTES

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

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.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

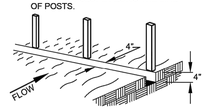
TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

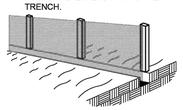
This drawing based on Wisconsin Department of Transportation Standard Detail Drawing 8 E 10-2.

INLET PROTECTION
TYPE A, B, C, AND D

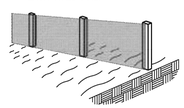
1. SET POSTS AND EXCAVATE A 4" x 4" TRENCH UPSLOPE ALONG THE LINE OF POSTS.



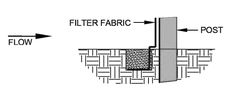

2. STAPLE THE FILTER FABRIC TO THE POSTS AND EXTEND IT INTO THE TRENCH.



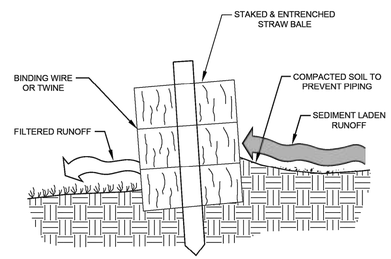
3. BACKFILL AND COMPACT THE EXCAVATED SOIL.



EXTENSION OF FABRIC INTO TRENCH




CONSTRUCTION OF A FILTER BARRIER




CROSS-SECTION OF A PROPERLY INSTALLED STRAW BALE

EDF #

DWG NAME: EROSION-CONTROL.DWG

PROJECT No.

EROSION CONTROL DETAILS
D-1-2

LOCATION

RESOLUTION

DATE

ENGINEERING DEPT.
City of La Crosse, Wis.

| | | BY | DATE |
|---|---|---|---|
| FIELD BOOK | SURVEYED | | |
| | DRAWN PRELIMINARY | | |
| NUMBER | FINAL | JMC | 2/2009 |
| | CHECKED | | |
| | APPROVED | | |
| PAGE | REVISIONS | | |

SHEET NO.

TOTAL SHEETS

ISG

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PROJECT

**BORTON CONSTRUCTION**

**NEW OFFICE**

LA CROSSE WISCONSIN

REVISION SCHEDULE

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| PROJECT NO. | 26-34320 |
| FILE NAME | 34320 C1-SWPPP |
| DRAWN BY | AAE |
| DESIGNED BY | AAE |
| REVIEWED BY | KBR |
| ORIGINAL ISSUE DATE | 06/05/2026 |
| CLIENT PROJECT NO. | - |

TITLE

**SWPPP DETAILS**

SHEET

**C1-12**

## EROSION CONTROL LEGEND

| SYMBOL | DESCRIPTION |
|---|---|
| SF | SILT FENCE, PREASSEMBLED |
| | ROCK CONSTRUCTION EXIT |
| | CONCRETE WASHOUT AREA |
| | EXISTING DRAINAGE ARROW |
| 101 | EXISTING CONTOUR (MINOR INTERVAL) |
| 100 | EXISTING CONTOUR (MAJOR INTERVAL) |

PERIMETER CONTROL CAN BE SILT FENCE OR SEDIMENT CONTROL LOG.

NOTE: EROSION CONTROL PLAN COVERAGE INCLUDES ELECTRIC, GAS, TELEPHONE, AND CABLE INSTALLATION. EACH COMPANY OR THEIR SUBCONTRACTOR IS RESPONSIBLE TO FOLLOW THE REQUIREMENTS OF THIS PLAN, INCLUDING PROVIDING THEIR OWN RESTORATION IF INSTALLATION OCCURS AFTER PRIMARY INSTALLATION OF SEEDING/SODDING/MULCHING DURING CONSTRUCTION OF EACH UTILITY.

MAINTAIN INLET PROTECTION
FROM STREET CONSTRUCTION
THROUGH SITE CONSTRUCTION

ST ANDREW STREET

N

0 20 40
SCALE IN FEET

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PROJECT

**BORTON CONSTRUCTION**

**NEW OFFICE**

LA CROSSE WISCONSIN

REVISION SCHEDULE

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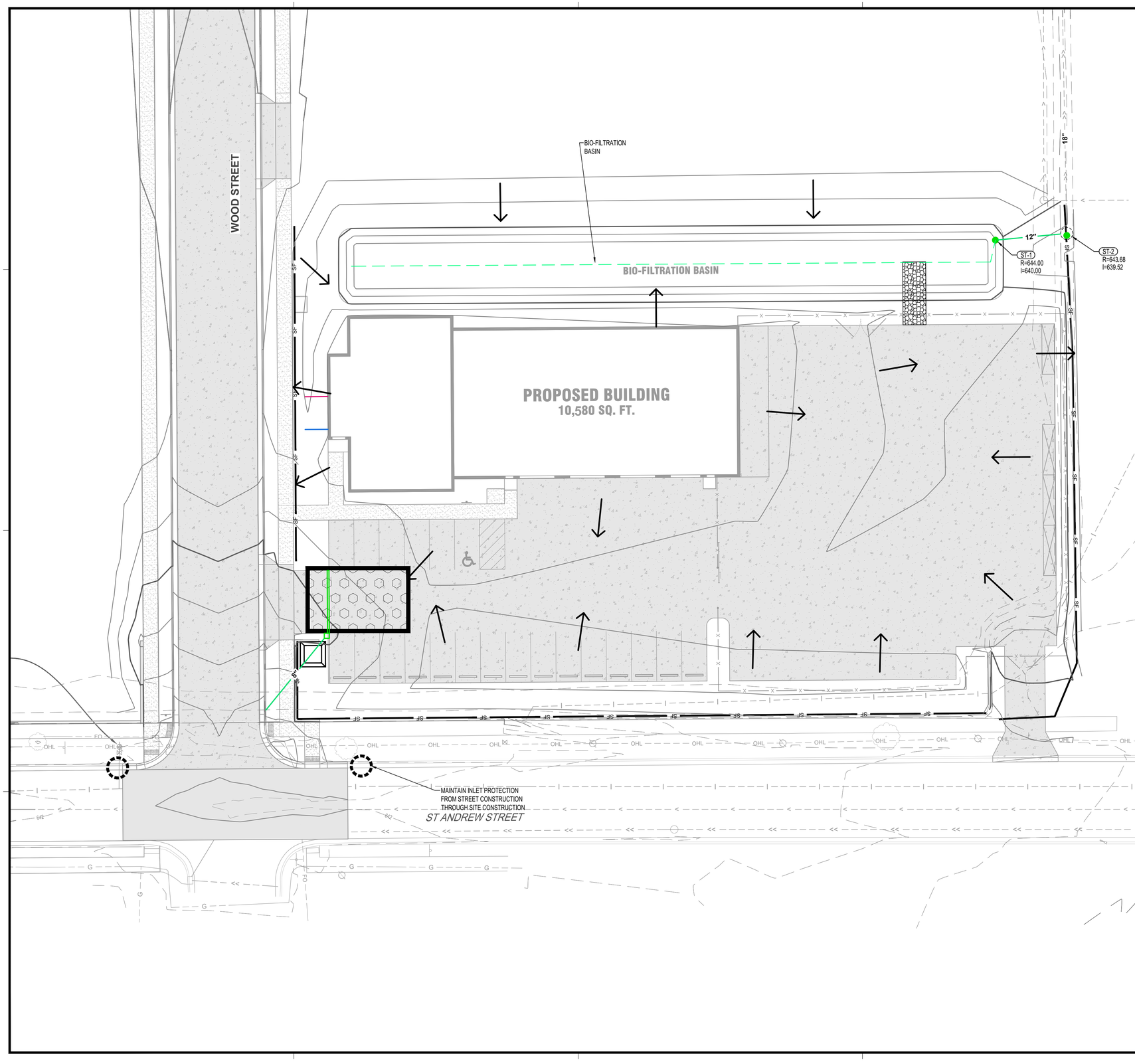
| PROJECT NO. | 26-34320 |
| FILE NAME | 34320 C1-SWPPP |
| DRAWN BY | AAE |
| DESIGNED BY | AAE |
| REVIEWED BY | KBR |
| ORIGINAL ISSUE DATE | 06/05/2026 |
| CLIENT PROJECT NO. | - |

TITLE

**PRE CONSTRUCTION SWPPP**

SHEET

**C1-13**




## EROSION CONTROL LEGEND

| SYMBOL | DESCRIPTION |
|---|---|
| SF | SILT FENCE, PREASSEMBLED |
| | ROCK CONSTRUCTION EXIT |
| | CONCRETE WASHOUT AREA |
| | EXISTING DRAINAGE ARROW |
| | PROPOSED DRAINAGE ARROW |
| 101 | EXISTING CONTOUR (MINOR INTERVAL) |
| 100 | EXISTING CONTOUR (MAJOR INTERVAL) |
| 101 | PROPOSED CONTOUR (MINOR INTERVAL) |
| 100 | PROPOSED CONTOUR (MAJOR INTERVAL) |

PERIMETER CONTROL CAN BE SILT FENCE OR SEDIMENT CONTROL LOG.

SEE SITE RESTORATION PLAN FOR FINAL TURF ESTABLISHMENT.

NOTE: EROSION CONTROL PLAN COVERAGE INCLUDES ELECTRIC, GAS, TELEPHONE, AND CABLE INSTALLATION. EACH COMPANY OR THEIR SUBCONTRACTOR IS RESPONSIBLE TO FOLLOW THE REQUIREMENTS OF THIS PLAN, INCLUDING PROVIDING THEIR OWN RESTORATION IF INSTALLATION OCCURS AFTER PRIMARY INSTALLATION OF SEEDING/SODDING/MULCHING DURING CONSTRUCTION OF EACH UTILITY.

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PROJECT

# BORTON CONSTRUCTION

# NEW OFFICE

LA CROSSE WISCONSIN

REVISION SCHEDULE

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| PROJECT NO. | 26-34320 |
| FILE NAME | 34320 C1-SWPPP |
| DRAWN BY | AAE |
| DESIGNED BY | AAE |
| REVIEWED BY | KBR |
| ORIGINAL ISSUE DATE | 06/05/2026 |
| CLIENT PROJECT NO. | - |

TITLE

# POST CONSTRUCTION SWPPP

SHEET

# C1-14

2
55,437 SQ FT
1.27 AC

3
56,815 SQ FT
1.30 AC

EX SAN MH
R=648.04
I=634.18

CAP EXISTING WATERMAIN AT PROPERTY AND ABAONDON

REMOVALS BY OTHER PART OF WOOD STREET EXTENSION

EXISTING DECIDUOUS TREE (TYP)

SAWCUT AND REMOVE CONCRETE SIDEWALK

REMOVE OBJECT MARKERS (BY CITY)

EXISTING CURB AND GUTTER (TYP)

SAWCUT AND REMOVE CURB AND GUTTER

EXISTING RETAINING WALL (TYP)

EX CB
T/C=641.91
I=637.58 (12" PVC) S

EX SAN MH
R=642.05
I=634.35 (10" PVC), ET FLOW DIRECTION E-W
I=634.83 (10" PVC) W

EX CB
T/C=641.62
I=636.91 (12" PVC) E
I=636.92 (12" PVC) NE

ST ANDREW STREET

EX STM MH
R=642.34

EXISTING STORMWATER (TYP)

EX STM MH
R=641.80
I=637.14 (") CENTER
I=637.08 (12" PVC) SW
I=637.44 (12" PVC) N
I=637.05 (18" PVC) W
I=637.05 (18" PVC) E

EXISTING WATER MAIN (TYP)

N

0 20 40
SCALE IN FEET

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SHEET NOT VALID UNLESS THIS TEXT IS COLOR.



PROJECT

# BORTON CONSTRUCTION

# NEW OFFICE

LA CROSSE WISCONSIN

REVISION SCHEDULE

| DATE | DESCRIPTION | BY |
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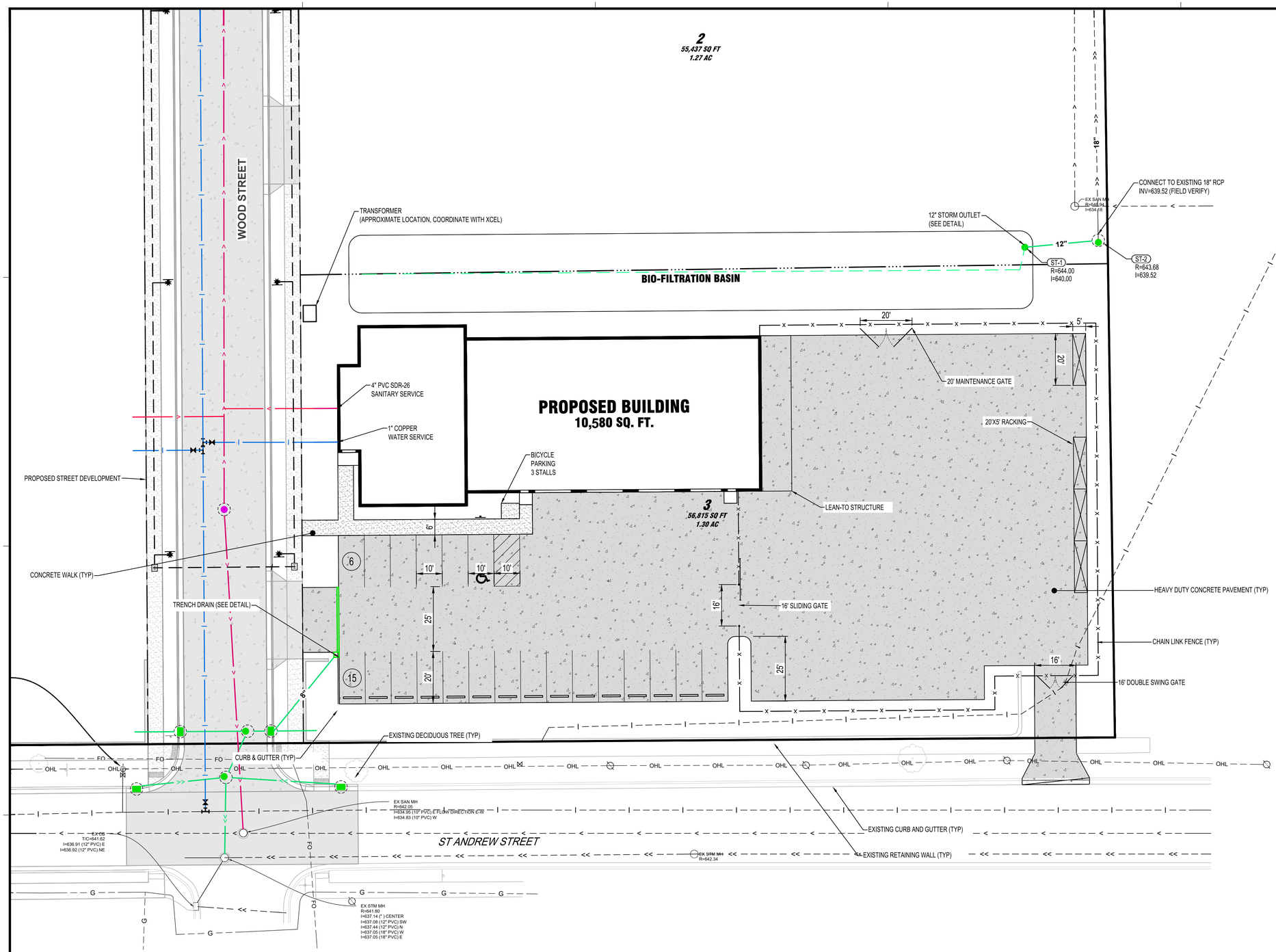
| PROJECT NO. | 26-34320 |
| FILE NAME | 34320 C2-EXIST |
| DRAWN BY | AAE |
| DESIGNED BY | AAE |
| REVIEWED BY | KBR |
| ORIGINAL ISSUE DATE | 06/05/2026 |
| CLIENT PROJECT NO. | - |

TITLE

# EXISTING SITE AND REMOVALS

SHEET

# C2-10




## PAVEMENT LEGEND

| SYMBOL | DESCRIPTION |
|---|---|
| | HEAVY DUTY CONCRETE PAVEMENT |
| | CONCRETE WALK |
| | STANDARD CURB AND GUTTER |

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SHEET NOT VALID UNLESS THIS TEXT IS COLOR.



PROJECT

# BORTON CONSTRUCTION

# NEW OFFICE

LA CROSSE WISCONSIN

REVISION SCHEDULE

| DATE | DESCRIPTION | BY |
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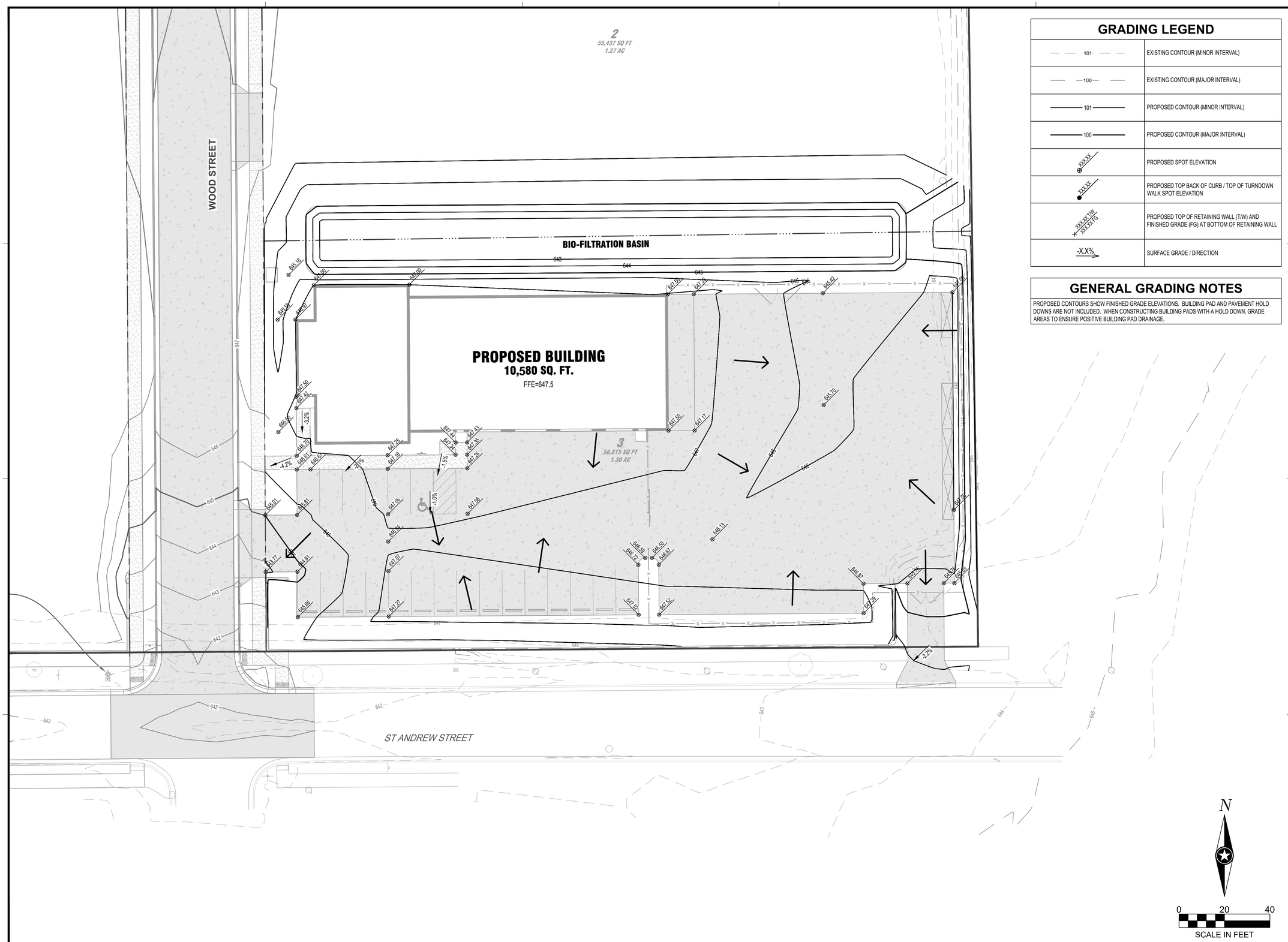
| PROJECT NO. | 26-34320 |
| FILE NAME | 34320 C3-SITE |
| DRAWN BY | AAE |
| DESIGNED BY | AAE |
| REVIEWED BY | KBR |
| ORIGINAL ISSUE DATE | 06/05/2026 |
| CLIENT PROJECT NO. | - |

TITLE

## SITE AND UTILITY PLAN

SHEET

# C3-10




## GRADING LEGEND

| | |
|---|---|
| 101 | EXISTING CONTOUR (MINOR INTERVAL) |
| 100 | EXISTING CONTOUR (MAJOR INTERVAL) |
| 101 | PROPOSED CONTOUR (MINOR INTERVAL) |
| 100 | PROPOSED CONTOUR (MAJOR INTERVAL) |
| XXX.XX | PROPOSED SPOT ELEVATION |
| XXX.XX | PROPOSED TOP BACK OF CURB / TOP OF TURNDOWN WALK SPOT ELEVATION |
| XXX.XX TW<br>XXX.XX FG | PROPOSED TOP OF RETAINING WALL (T/W) AND FINISHED GRADE (FG) AT BOTTOM OF RETAINING WALL |
| -X.X% | SURFACE GRADE / DIRECTION |

## GENERAL GRADING NOTES

PROPOSED CONTOURS SHOW FINISHED GRADE ELEVATIONS. BUILDING PAD AND PAVEMENT HOLD DOWNS ARE NOT INCLUDED. WHEN CONSTRUCTING BUILDING PADS WITH A HOLD DOWN, GRADE AREAS TO ENSURE POSITIVE BUILDING PAD DRAINAGE.

ISG

SHEET NOT VALID UNLESS THIS TEXT IS COLOR.



PROJECT

# BORTON CONSTRUCTION

# NEW OFFICE

LA CROSSE WISCONSIN

REVISION SCHEDULE

| DATE | DESCRIPTION | BY |
|---|---|---|
| | | |

| | |
|---|---|
| PROJECT NO. | 26-34320 |
| FILE NAME | 34320 C4-GRAD |
| DRAWN BY | AAE |
| DESIGNED BY | AAE |
| REVIEWED BY | KBR |
| ORIGINAL ISSUE DATE | 06/05/2026 |
| CLIENT PROJECT NO. | - |

TITLE

## GRADING PLAN

SHEET

# C4-10