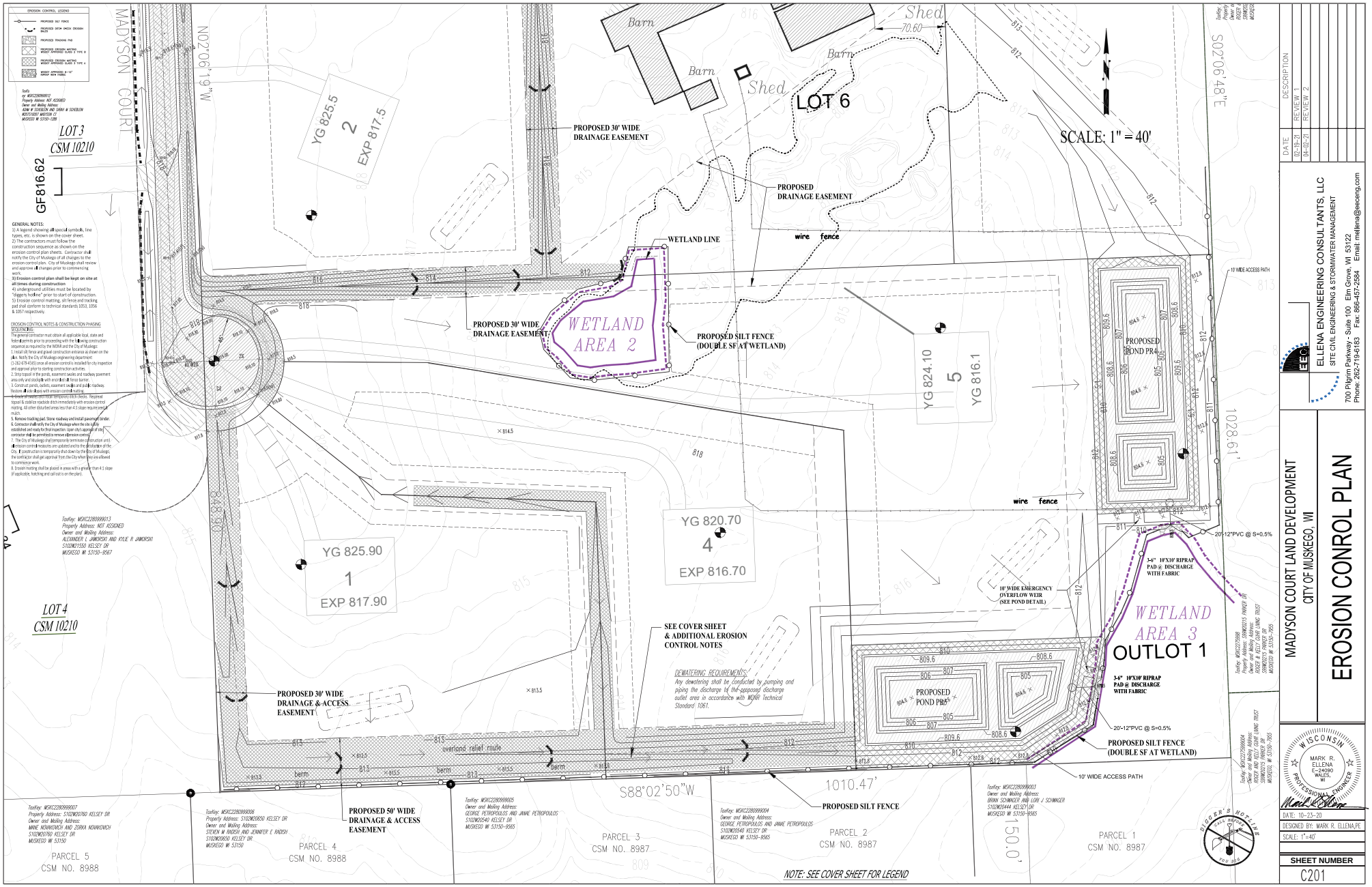


GENERAL NOTES:
1) A legend showing all special symbols, line types, etc. is shown on the cover sheet.
2) The contractors must follow the construction sequence as shown on the erosion control plan sheets. Contractor shall notify the City of Muskego of all changes to the erosion control plan. City of Muskego shall review and approve all changes prior to commencing work.
3) **Erosion control plan shall be kept on site at all times during construction**
4) Underground utilities must be located by "diggers hotline" prior to start of construction.
5) Erosion control matting, silt fence and tracking pad shall conform to technical standards 1053, 1056 & 1057 respectively.

EROSION CONTROL NOTES & CONSTRUCTION PHASING SEQUENCING:
The general contractor must obtain all applicable local, state and federal permits prior to proceeding with the following construction sequence as required by the NOWR and the City of Muskego:
1. Install silt fence and gravel construction entrance as shown on the plan. Notify the City of Muskego engineering department (+1-262-679-4160) once all erosion control is installed for city inspection and approval prior to starting construction activities.
2. Strip topsoil in the ponds, easement swales and roadway pavement area only and stockpile with erosion bale barrier.
3. Construct ponds, outlets, easement swales and public roadway. Restore all side slopes with erosion control matting.
4. Grade all swales and install temporary ditch checks. Reserved topsoil & stabilize roadside ditch immediately with erosion control matting. All other disturbed areas less than 4:1 slope required seed & mulch.
5. Remove tracking pad. Stone roadway and install pavement binder.
6. Contractor shall notify the City of Muskego when the site is fully established and ready for final inspection. Upon city's approval of the contractor shall be permitted to remove all erosion control.
7. The City of Muskego shall temporarily terminate construction until all erosion control measures are updated and to the satisfaction of the City. If construction is temporarily shut down by the City of Muskego, the contractor shall get approval from the City when they are allowed to commence work.
8. Erosion matting shall be placed in areas with a greater than 4:1 slope (if applicable, hatching and call out is on the plan).

TaxKey: MSKC2280999013
Property Address: NOT ASSIGNED
Owner and Mailing Address:
ALEXANDER L JANKOWSKI AND KYLE R JANKOWSKI
S102W21550 KELSEY DR
MUSKEGO WI 53150-8567

TaxKey: MSKC2280999007
Property Address: S102W20760 KELSEY DR
Owner and Mailing Address:
MANE NOVAKOVICH AND ZORKA NOVAKOVICH
S102W20760 KELSEY DR
MUSKEGO WI 53150

TaxKey: MSKC2280999006
Property Address: S102W20850 KELSEY DR
Owner and Mailing Address:
STEVEN W RADISH AND JENNIFER E RADISH
S102W20850 KELSEY DR
MUSKEGO WI 53150

TaxKey: MSKC2280999005
Owner and Mailing Address:
GEORGE PETROPOULOS AND JANNE PETROPOULOS
S102W20540 KELSEY DR
MUSKEGO WI 53150-9565

TaxKey: MSKC2280999004
Owner and Mailing Address:
GEORGE PETROPOULOS AND JANNE PETROPOULOS
S102W20540 KELSEY DR
MUSKEGO WI 53150-9565

TaxKey: MSKC2280999003
Owner and Mailing Address:
BRIAN SCHWAGER AND LORI J SCHWAGER
S102W20444 KELSEY DR
MUSKEGO WI 53150-9565

TaxKey: MSKC2280999002
Owner and Mailing Address:
ROGER A KELLY OMIT LIVING TRUST
S10W20215 PARKER DR
MUSKEGO WI 53150-7955

TaxKey: MSKC2280999004
Owner and Mailing Address:
ROGER AND KELLY OMIT LIVING TRUST
S10W20215 PARKER DR
MUSKEGO WI 53150-7955

DESCRIPTION	DATE
REVIEW 1	02-19-21
REVIEW 2	04-02-21

ELLENA ENGINEERING CONSULTANTS, LLC
SITE CIVIL ENGINEERING & STORMWATER MANAGEMENT
700 Pilgrim Parkway - Suite 100 Elm Grove, WI 53122
Phone: 262-719-4183 Fax: 866-457-2584 Email: mellena@eecweng.com

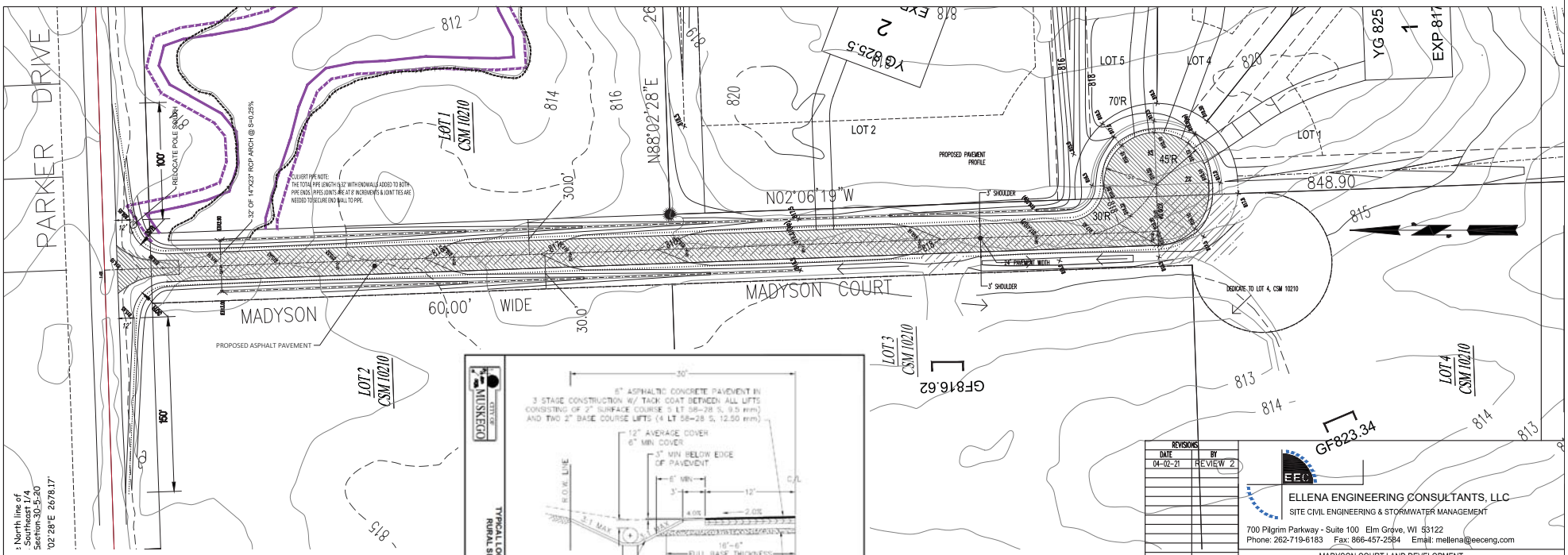
EROSION CONROL PLAN

MADYSON COURT LAND DEVELOPMENT
CITY OF MUSKEGO, WI

WISCONSIN
MARK R. ELLENA
E-24090
WALES, WI
PROFESSIONAL ENGINEER

DATE: 10-23-20
DESIGNED BY: MARK R. ELLENA,PE
SCALE: 1"=40'

SHEET NUMBER
C201



THE UNDERGROUND UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES AND THE LOCAL MUNICIPALITY. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.

DIGGER'S HOTLINE CALL BEFORE YOU DIG 811

WISCONSIN MARK R. ELLENA E-24200 WALES, WI PROFESSIONAL ENGINEER

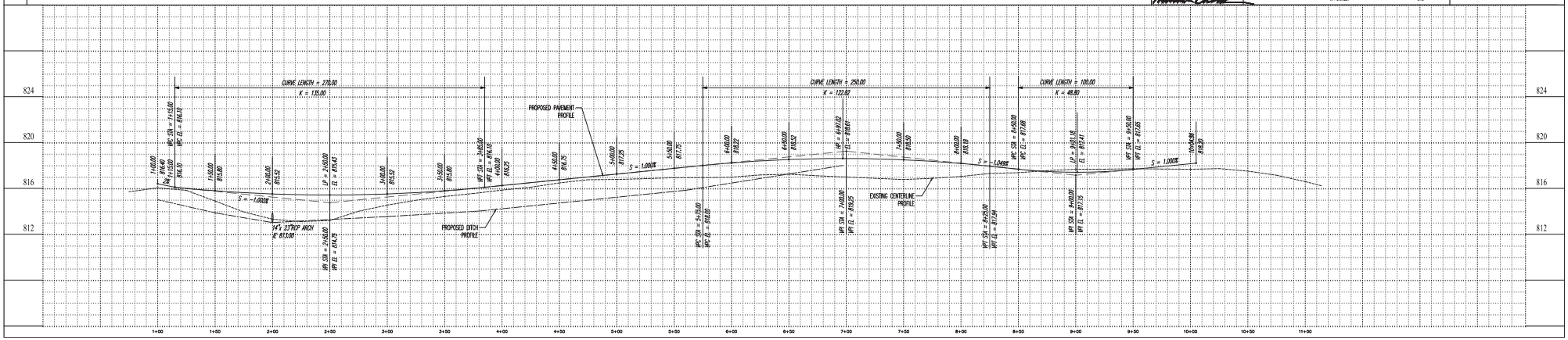
REVISIONS	
DATE	BY
04-02-21	REVIEW 2

EEC
ELLENA ENGINEERING CONSULTANTS, LLC
SITE CIVIL ENGINEERING & STORMWATER MANAGEMENT
700 Pilgrim Parkway - Suite 100 Elm Grove, WI 53122
Phone: 262-719-6183 Fax: 866-457-2584 Email: mellena@eeceng.com

MADYSON COURT LAND DEVELOPMENT
CITY OF MUSKEGO, WISCONSION

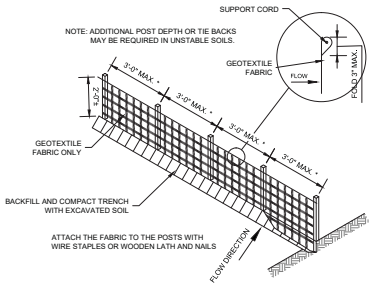
Paving Plan & Profile

SCALE: H: 1"=40', V: 1"=4'	JOB NO.:	DATE:10-23-20
DESIGNED BY:	DRAWN BY:	CHECKED BY:
APPROVED BY: (CITY ENGINEER) (DATE)		SHEET 300



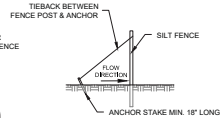
GENERAL NOTES

1. 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 OF 1 ½" x 1 ½" OF OAK OR HICKORY.
3. 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 METHODS: A) TWIST METHOD – OVERLAPTHE END POSTS AND TWIST , OR ROTATE, AT LEAST 180 DEGREES. B) HOOK METHOD – HOOK THE END OF EACH SILT FENCE LENGTH.

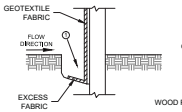


* NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

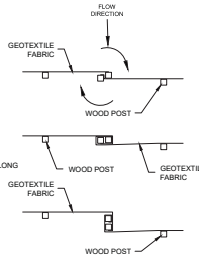
SILT FENCE



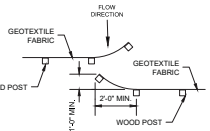
SILT FENCE TIE BACK
(WHEN ADDITIONAL SUPPORT REQUIRED)



TRENCH DETAIL

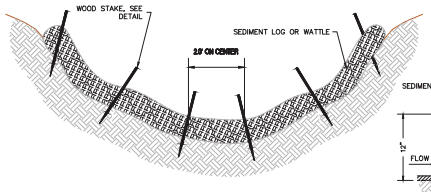


TWIST METHOD

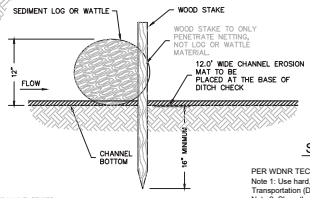


HOOK METHOD
JOINING TWO LENGTHS OF SILT FENCE ④

THIS DRAWING BASED ON WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD DETAIL DRAWING # E 9-4.



SEDIMENT LOG DITCH CHECK
PER WDNR TECHNICAL STANDARD 1062
NOT TO SCALE

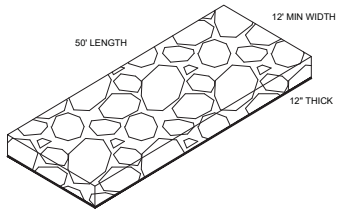


DITCH CHECK NOTES

1. PREPARE SITE TO DESIGN PROFILE AND GRADE. REMOVE DEBRIS, ROCKS, CLODS, ETC. GROUND SURFACE SHOULD BE SMOOTH PRIOR TO INSTALLATION TO ENSURE LOG REMAINS IN CONTACT WITH SLOPE.
2. DO NOT ALLOW FLOW TO OVERTOP INSTALLATION.
3. STAKE TO BE PLACED AT TOE OF SLOPE, BOTH SIDES
4. 4 ½" X 1 ½" X 60" WOODEN STAKES ARE RECOMMENDED FOR 6", 9", AND 12" SEDIMENT LOGS OR WATTLES.
5. INSTALL EROSION MAT PER MANUFACTURER SPECIFICATIONS.
6. INSPECT DITCH CHECKS WEEKLY AND WITHIN 24 HRS AFTER ENDING PRECIPITATION EVENT THAT PRODUCES 0.5 INCHES OF RAIN OR MORE WITHIN A 24 HOUR PERIOD.
7. DITCH CHECK SHALL BE AMERICAN EXCELSIOR CURLEX II SEDIMENT LOG, NORTH AMERICAN GREEN WB-12 OR OTHER APPROVED DITCH CHECK AS SPECIFIED IN THE WDOT EROSION CONTROL PRODUCT ACCEPTABILITY LIST (PAL).
8. SPACING TO BE INSTALLED PER WDNR-CPS 1062 (EVERY THIRD (3) VERTICAL FOOT) AS SHOWN OR PLANS.

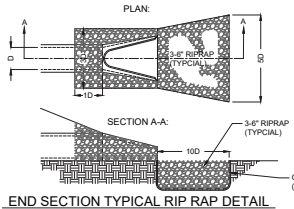


DITCH CHECK

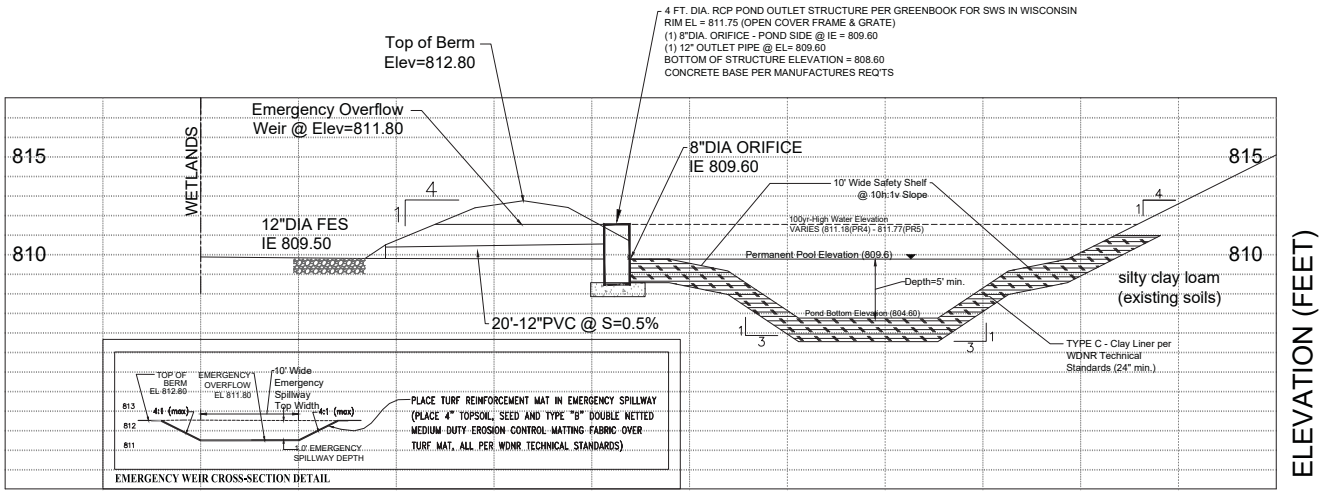


STONE TRACKING PAD

PER WDNR TECH STANDARD 1057
Note 1: Use hard, durable, angular No. 3" stone or recycled concrete meeting the gradation in Wisconsin Department of Transportation (DOT) 2018 Standard Specification, Section 312, Select Crushed Material.
Note 2: Slope the stone tracking pad in a manner to direct runoff to an approved treatment practice.
Note 3: Select fabric type based on soil conditions and vehicles loading.
Note 4: Install tracking pad across full width of the access point, or restrict existing traffic to a dedicated egress lane at least 12 feet wide across the top of the pad.
Note 5: If a 50' pad length is not possible due to site geometry, install the maximum length practicable and supplement with additional practices as needed.



END SECTION TYPICAL RIP RAP DETAIL
NOT TO SCALE (FLARED APONS REQUIRED ON ALL ENDSECTIONS)



TYPICAL POND CROSS SECTION (PR4 & PR5)

DESCRIPTION	DATE
REVIEW 1	02-19-21
REVIEW 2	04-02-21

ELLENA ENGINEERING CONSULTANTS, LLC
SITE CIVIL ENGINEERING & STORMWATER MANAGEMENT
700 Pilgrim Parkway - Suite 100 Elm Grove, WI 53122
Phone: 262-719-4183 Fax: 866-457-2584 Email: mellena@eecweng.com

MADYSON COURT LAND DEVELOPMENT
CITY OF MUSKEGO, WI

DETAIL PLAN

WISCONSIN
MARK R. ELLENA E-24090 WALES, WI
PROFESSIONAL ENGINEER

DATE: 10-23-2020
BY: MARK R. ELLENA,PE
SCALE: NTS

SHEET NUMBER
C400