

DEER LAKE CONSERVANCY

ANDERSON LANE STORMWATER IMPROVEMENTS

ST. CROIX FALLS, POLK COUNTY, WISCONSIN

ALL ELEVATIONS ARE IN
NAVD 88 - DATUM

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WISCONSIN

KYLE CRAWFORD, P.E.

REG. NO. _____ DATE _____

MY LICENSE RENEWAL DATE IS _____

PAGES OR SHEETS COVERED BY THIS SEAL: _____

ALL SHEETS

LEGEND

FEATURE	EXISTING	PROPOSED
MINOR CONTOUR	---1246---	---1246---
MAJOR CONTOUR	---1245---	---1245---
WATERLINE/Shoreline	— — — — —	— — — — —
FENCE	— — — — —	— — — — —
BURIED ELECTRIC LINES	— E-U —	— E-U —
DRIVEWAY	— — — — —	— — — — —
PROPERTY LINE	— — — — —	— — — — —
EASEMENT	— — — — —	— — — — —
DITCH C/L	— — — — —	— — — — —
TREE LINE	— E-U —	— E-U —
TREE	●	●
BUSH	●	●
SANITARY SEWER LINE	— — — — —	— — — — —
SANITARY SEWER MANHOLE	⊙	⊙
STORM SEWER LINE	— — — — —	— — — — —
STORM SEWER MANHOLE	⊙	⊙
STORM SEWER ROAD INLET	⊙	⊙
STORM SEWER YARD INLET	⊙	⊙
WATERMAIN	— — — — —	— — — — —
SILT FENCE	— — — — —	— — — — —
SEDIMENT LOG	— — — — —	— — — — —
INLET PROTECTION	— — — — —	— — — — —
TURBIDITY BARRIER	— — — — —	— — — — —
CONSTRUCTION LIMITS	— — — — —	— — — — —

DIGGERS HOTLINE

WISCONSIN STATUTE 182.0175 REQUIRES EVERY EXCAVATOR AND EVERYONE RESPONSIBLE FOR PLANNING NON-EMERGENCY EXCAVATIONS TO PROVIDE ADVANCE NOTICE OF AT LEAST **THREE** BUSINESS DAYS TO THE ONE CALL SYSTEM. SEE THE STATE STATUTE FOR THE DEFINITION OF EXCAVATION. DIGGERS HOTLINE NEEDS TO BE CONTACTED PRIOR TO EXCAVATION AND PLANNING AN EXCAVATION IN ORDER TO COMPLY WITH THE STATE STATUTE.

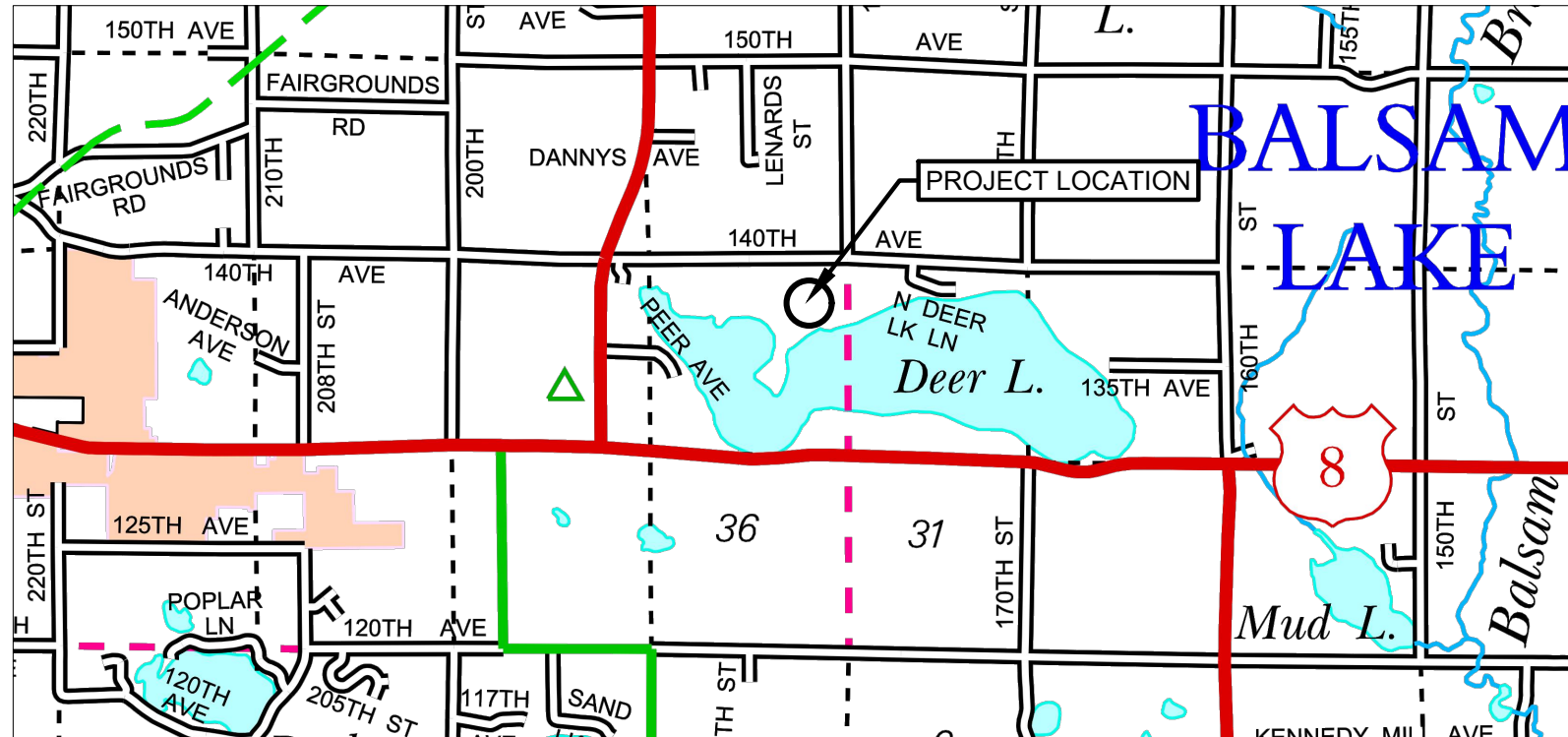
DIGGERS HOTLINE SHOULD ALSO BE USED TO OBTAIN INFORMATION ON SAFE WORKING CLEARANCES FROM OVERHEAD LINES. OSHA REQUIRES THAT YOU STAY AT LEAST 10 FEET AWAY FROM DISTRIBUTION LINES AND UP TO 16 FEET AWAY FROM TRANSMISSION LINES WITH EXCAVATORS, BACK-HOES, WHEEL LOADERS, DIGGER DERRICKS USED FOR AUGURING HOLES, AND SETTING POLES IN TELECOMMUNICATIONS AND ELECTRICAL WORK, ETC. THE 2010 OSHA CRANE STANDARD REQUIRES ADDITIONAL RESTRICTIONS FOR OTHER TYPES OF CRANES OR HOISTING DEVICES.

SEE THE EXCAVATOR'S GUIDE TO DIGGERS HOTLINE FOR ADDITIONAL INFORMATION.

CONTACTING DIGGERS HOTLINE

BY PHONE: DIGGERS HOTLINE IS AVAILABLE 24 HOURS A DAY, 7 DAYS A WEEK, 365 DAYS A YEAR BY CALLING THE THREE-DIGIT CODE 811 OR BY CALLING (800) 242-8511. TDD USERS MAY CALL (800) 542-2289.

BY EMAIL: ON THE DIGGERS HOTLINE WEBSITE, WWW.DIGGERSHOTLINE.COM, YOU CAN EMAIL LOCATE REQUESTS TO THE CALL CENTER. TO ACCESS THE ONLINE EMAIL FORM, GO TO DIGGERS HOTLINE WEBSITE, WWW.DIGGERSHOTLINE.COM.



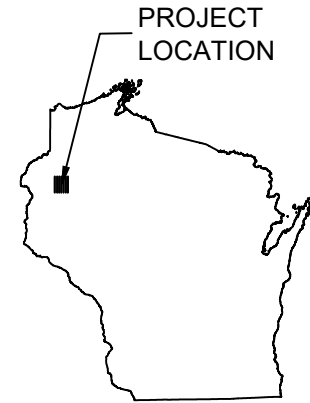
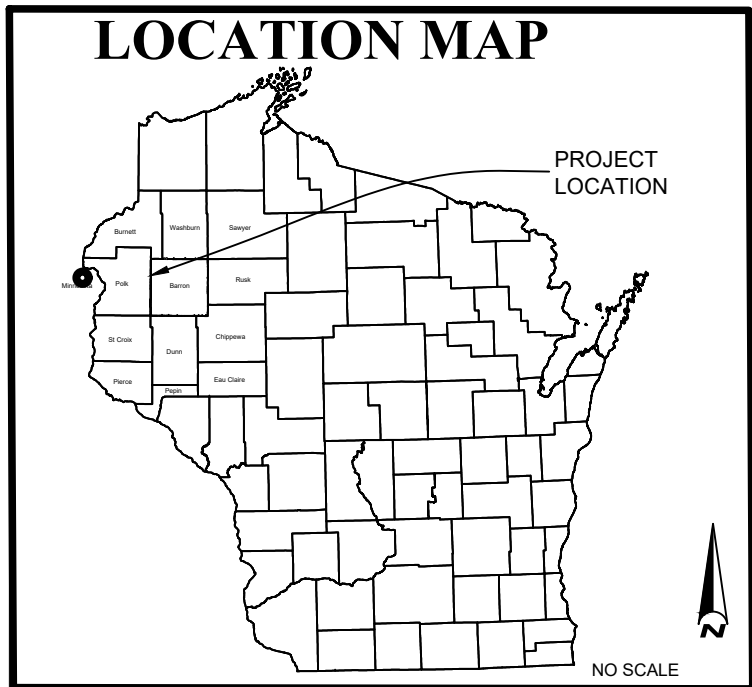
Sheet List Table	
Sheet Number	Sheet Title
01	TITLE SHEET
02	SEQ & NOTES
03	SITE PLAN
04	SITE RESTORATION
05	DETAILS

EXISTING UTILITIES

THE LOCATION OF UNDERGROUND FACILITIES AND/OR STRUCTURES AS SHOWN ON THE PLANS ARE BASED ON AVAILABLE RECORD AT THE TIME THE PLANS WERE PREPARED AND ARE NOT GUARANTEED TO BE COMPLETE OR CORRECT. THE SUBSURFACE UTILITY INFORMATION SHOWN IS UTILITY QUALITY LEVEL D, AS DETERMINED USING THE GUIDELINES OF "CI/ASCE 38-02 STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA." THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITIES 72 HOURS PRIOR TO CONSTRUCTION TO DETERMINE THE EXACT LOCATION OF ALL FACILITIES AND TO PROVIDE ADEQUATE PROTECTION OF SAID UTILITIES DURING THE COURSE OF WORK.

CONSTRUCTION NOTE

CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO MAINTAIN OPERATION OF EXISTING UTILITIES THROUGHOUT THE DURATION OF THE PROJECT. IN THE EVENT THAT AN INTERRUPTION OF SERVICE IS UNAVOIDABLE IN ORDER TO COMPLETE THE WORK, CONTRACTOR SHALL PROVIDE ADEQUATE NOTIFICATION TO ALL AFFECTED BUSINESSES A MINIMUM OF 3 WORKING DAYS IN ADVANCE OF ANY INTERRUPTION.



* THIS PLAN SET CONTAINS 05 PLAN SHEETS

GOVERNING SPECIFICATIONS

THE 2020 EDITION OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN

ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO WISCONSIN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING FIELD MANUAL FOR TEMPORARY CONTROL ZONE LAYOUTS.

CLIENT

DEER LAKE CONSERVANCY
1492 150TH AVENUE
ST. CROIX FALLS, WI 54024

ENGINEER

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1919 UNIVERSITY AVENUE WEST, SUITE 300
ST PAUL, MN 55104-3455
TELEPHONE: (651) 770-8448
FAX: (651) 770-2552
eorinc.com



NOT FOR CONSTRUCTION

SUBMISSION DATE:
04/21/2020

DESIGN BY DRAWN BY CHECKED BY
KDC KDC DRL

EOR PROJECT NO.
00996-0011

EOR Emmons & Olivier Resources, Inc.
1919 University Ave W
St. Paul, MN 55104
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ANDERSON LANE STORMWATER IMPROVEMENTS
ST. CROIX FALLS, POLK COUNTY, WISCONSIN

STATE PROJECT NO. --- CITY PROJECT NO. ---

TITLE SHEET

SHEET 01 OF 05 SHEETS

Plot Date: 05/18/2020
Drawing Name: X:\Clients_P\Private\00996_Deer_Lake_Conservancy\0011_South_Neighborhood_Improvements_GIM\DWG\0011_0011_Concept.dwg
Xrefs: X:\Base_996-0012_loc-map_Barron\WLF

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1	04/21/2020	KDC	DRAFT PLANS - NOT FOR CONSTRUCTION

GENERAL SITE WORK NOTES

- CONTRACTOR TO VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING ANY CONSTRUCTION BY CALLING DIGGERS HOTLINE 1-800-242-8511.
- TOPOGRAPHIC SURVEY CONDUCTED **NOVEMBER 6, 2019** BY EOR, INC. SURVEYED COMPLETED IN POLK COUNTY COORDINATES, US FEET AND NAVD88 VERTICAL DATUM.
- VERIFY HORIZONTAL LOCATION AND ELEVATION WHERE A CONNECTION TO EXISTING PAVEMENT, STRUCTURE, PIPE OR OTHER SITE FEATURE IS TO BE MADE. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM THE PLANS.
- REFERENCE TO WISDOT SPECIFICATIONS SHALL MEAN THE 2020 SPECIFICATIONS FOR CONSTRUCTION.
- CONTRACTOR SHALL VERIFY PLAN LAYOUT AND BRING TO THE ATTENTION OF THE ENGINEER DISCREPANCIES WHICH MAY COMPROMISE THE DESIGN OR INTENT OF THE LAYOUT.
- CONTRACTOR SHALL ASSURE COMPLIANCE WITH APPLICABLE CODES AND REGULATIONS GOVERNING THE WORK AND MATERIALS SUPPLIED. SEE RESTORATION PLAN FOR TURF RESTORATION REQUIREMENTS.
- CONTRACTOR SHALL INSTALL, INSPECT, MAINTAIN AND REMOVE THE NECESSARY SIGNAGE FOR LANE CLOSURES. ALL TRAFFIC CONTROL DEVICES AND SIGNAGE SHALL CONFORM TO THE WMUTCD. ALL TRAFFIC CONTROL IS INCIDENTAL TO THE CONTRACT.

GENERAL UTILITY NOTES

- CONTRACTOR SHALL CONTACT 'DIGGERS HOTLINE' (1-800-242-8511) AT LEAST THREE BUSINESS DAYS PRIOR TO EXCAVATION/CONSTRUCTION FOR UTILITY LOCATIONS.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND INVERTS, SHOWN OR NOT SHOWN. ANY DISCREPANCY BETWEEN PLANS AND FIELD CONDITIONS SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- ALL UTILITY WORK SHALL BE PERFORMED IN ACCORDANCE WITH WISDOT SPECIFICATIONS AND POLK COUNTY REQUIREMENTS.
- CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING THE APPROPRIATE SEWER, WATER AND PLUMBING PERMITS FROM THE TOWNSHIP AND COUNTY. NONE ARE EXPECTED.
- UTILITY TRENCHES SHALL BE COMPACTED TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D698.78 OR AASHTO T-99) FROM THE PIPE ZONE TO WITHIN THREE FEET OF THE GROUND SURFACE AND 100% STANDARD PROCTOR IN THE UPPER THREE FEET.

SITE REMOVAL NOTES

- BITUMINOUS PAVEMENT REMOVALS ARE TO BE MADE TO A VERTICAL SAW CUT OR TO A NEAT MILLED EDGE IN ACCORDANCE WITH WISDOT SPECIFICATIONS.
- ALL REMOVAL ITEMS SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS SPECIFIED OTHERWISE AND SHALL BE DISPOSED OF OFF-SITE IN A MANNER MEETING ALL APPLICABLE REGULATIONS.

STORM SEWER NOTES

- STORM SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH WISDOT SPECIFICATIONS.
- PIPE LENGTHS ON THE PLAN INCLUDE THE APRON SECTION.

GRADING & EROSION CONTROL NOTES

- CONTRACTOR SHALL CONTACT 'DIGGERS HOTLINE' (1-800-242-8511) AT LEAST THREE BUSINESS DAYS PRIOR TO EXCAVATION/ CONSTRUCTION, FOR UTILITY LOCATIONS.
- CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES AND TOPOGRAPHIC FEATURES PRIOR TO START OF SITE GRADING. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR VARIATIONS.
- ENGINEER SHALL PROVIDE HORIZONTAL AND VERTICAL CONTROL BENCHMARKS. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SAID HORIZONTAL AND VERTICAL CONTROL POINTS SET BY ENGINEER AND ANY ADDITIONAL CONSTRUCTION STAKING.
- CONTRACTOR TO ADHERE TO ALL CITY, DNR, WISDOT AND NPDES PERMIT REQUIREMENTS, EVEN IF ACQUISITION OF THE NPDES PERMIT IS NOT REQUIRED, INCLUDING THE REQUIREMENT TO MINIMIZE THE AREA DISTURBED BY GRADING AT ANY GIVEN TIME AND TO COMPLETE VEGETATION RESTORATION WITHIN THE TIME REQUIRED BY THE PERMIT AFTER COMPLETION OF GRADING OF AN AREA.
- ALL EXPOSED SOIL AREAS WITHIN 100 FEET OF A WATER OF THE STATE OR ANY STORMWATER CONVEYANCE SYSTEM WHICH IS CONNECTED TO A WATER OF THE STATE MUST BE STABILIZED WITHIN 24 HOURS.
- ALL CONSTRUCTION EXITS SHALL BE SURFACED WITH CRUSHED ROCK ACROSS FULL WIDTH FROM ENTRANCE POINT TO 50 FEET INTO THE CONSTRUCTION ZONE. SEE DETAIL.

GRADING & EROSION CONTROL NOTES (CONT.)

- INLET PROTECTION IS TO BE USED DURING CONSTRUCTION. SEE DETAIL.
- ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH TOWNSHIP, COUNTY, AND STATE REQUIREMENTS.
- CONTRACTOR SHALL PROVIDE ADDITIONAL TEMPORARY EROSION CONTROL MEASURES AS DIRECTED BY THE ENGINEER. NO ADDITIONAL PAYMENT SHALL BE MADE FOR ADDITIONAL MEASURES.
- REMOVE ALL EROSION CONTROL MEASURES AFTER VEGETATION IS ESTABLISHED, AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL REMOVE ALL SOILS AND SEDIMENT TRACKED ONTO EXISTING STREETS AND PAVED AREAS, AS DIRECTED BY THE ENGINEER.
- IF BLOWING DUST BECOMES A NUISANCE, THE CONTRACTOR SHALL APPLY WATER FROM A TANK TRUCK TO ALL CONSTRUCTION AREAS.
- SWEEP ADJACENT STREETS AS DIRECTED BY THE ENGINEER.
- INSPECT EROSION CONTROL DEVICES AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. IMMEDIATELY REPAIR FAILED OR FAILING EROSION CONTROL DEVICES.
- SEDIMENT REMOVAL - SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH STORM EVENT.
- ANY SEDIMENT REMAINING IN PLACE AFTER THE EROSION CONTROL DEVICE IS NO LONGER REQUIRED SHALL BE GRADED TO CONFORM WITH THE EXISTING GRADE, PREPARED, AND SEEDED WITH THE APPROPRIATE SEED MIX AS DIRECTED BY THE ENGINEER.
- SUITABLE GRADING MATERIAL SHALL CONSIST OF ALL SOIL ENCOUNTERED ON THE SITE WITH EXCEPTION OF TOPSOIL, DEBRIS, ORGANIC MATERIAL AND OTHER UNSTABLE MATERIAL. STOCKPILE TOPSOIL AND GRANULAR FILL AT LOCATIONS DIRECTED BY ENGINEER.
- EXISTING GRANULAR MATERIALS SHALL BE SEGREGATED AND STOCKPILED FOR REUSE ON-SITE.
- CONTRACTOR SHALL STRIP, STOCKPILE AND RE-SPREAD EXISTING ON-SITE TOPSOIL TO PROVIDE A UNIFORM THICKNESS, MINIMUM 6", ON ALL DISTURBED AREAS TO BE SEEDED.
- SUBGRADE EXCAVATION SHALL BE BACKFILLED IMMEDIATELY AFTER EXCAVATION TO HELP OFFSET ANY STABILITY PROBLEMS DUE TO WATER SEEPAGE OR STEEP SLOPES. WHEN PLACING NEW SURFACE MATERIAL ADJACENT TO EXISTING PAVEMENT, THE EXCAVATION SHALL BE BACKFILLED PROMPTLY TO AVOID UNDERMINING OF THE EXISTING PAVEMENT.
- GRADES SHOWN ARE FINISHED GRADES, CONTRACTOR SHALL ROUGH GRADE TO SUBGRADE ELEVATIONS. SUBGRADE ELEVATIONS SHALL BE INSPECTED AND APPROVED PRIOR TO PLACEMENT OF FINISH MATERIALS.
- FINAL GRADING TOLERANCES ARE ±0.1 FEET OF PLAN GRADES.
- ALL EXCESS MATERIAL, BITUMINOUS SURFACING, CONCRETE ITEMS, ANY ABANDONED UTILITY ITEMS, AND OTHER UNSTABLE MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS SPECIFIED OTHERWISE AND SHALL BE DISPOSED OF OFF-SITE IN A MANNER MEETING ALL APPLICABLE REGULATIONS.
- CONTRACTOR IS RESPONSIBLE FOR GRADING AND SLOPING THE FINISHED GROUND SURFACE TO PROVIDE SMOOTH & UNIFORM SLOPES, WHICH PROVIDE POSITIVE DRAINAGE AND PREVENT PONDING IN LOWER AREAS. CONTACT ENGINEER IF FIELD ADJUSTMENTS TO GRADING PLANS ARE REQUIRED.
- UNDER PAVEMENTS COMPACT THE UPPER THREE FEET OF SUBGRADE TO 100% STANDARD PROCTOR DENSITY AT OPTIMUM MOISTURE CONTENT AND 95% STANDARD PROCTOR DENSITY BELOW THE UPPER THREE FEET OF SUBGRADE. OUTSIDE OF PAVEMENT AREAS COMPACT EMBANKMENTS TO 95% STANDARD PROCTOR DENSITY.

Item No.	WISDOT Spec.	Item	UNITS	ESTIMATED QUANTITY
1	201.0115	Clearing	ACRE	0.10
2	201.0215	Grubbing	ACRE	0.10
3	204.0100	Removing Pavement	SY	132
4	205.0100	Excavation Common	CY	322
5	350.0115	Subbase 6" - Driveway	SY	132
6	460.5224	HMA Pavement 4 LT 58-28 S (3" Thick Driveway)	TON	22
7	520.1006	Apron Endwalls for Culvert Pipe 6 inch	EACH	1
8	530.0106	Culvert Pipe Corrugated Polyethylene (6 Inch)	LF	87
9	606.0100	Riprap Light	CY	22
10	619.1000	Mobilization	EACH	1
11	628.1504	Silt Fence	LF	60
12	628.1520	Silt Fence Maintenance	LF	60
13	628.2008	Erosion Mat Class I Type B	SY	364
14	628.7560	Tracking Pad	EACH	1
15	630.0130	Seeding Mixture No. 30 (1.5 lbs per 1000 sq-ft)	LB	3
15	630.0171	Seeding Mixture No. 70A (1.5 lbs per 1000 sq-ft)	LB	3
16	630.0400	Seeding Nurse Crop (0.8 lbs per 1000 sq-ft)	LB	2
17	645.0130	Geotextile Type R	SY	35
18	690.0150	Sawing Asphalt	LF	27

Plot Date: 05/18/2020
 Drawing Name: X:\Clients_P\Private\00096_Deer_Lake_Conservancy\0011_South_Neighborhood_Improvements_GIM\DWG\996-0011_Concept.dwg
 Xrefs: X:\Base_996-0012_loc-map_BarronWI.dwg

NOT FOR CONSTRUCTION

SUBMISSION DATE:
 04/21/2020
 DESIGN BY DRAWN BY CHECKED BY
 KDC KDC DRL
 EOR PROJECT NO.
 00996-0011

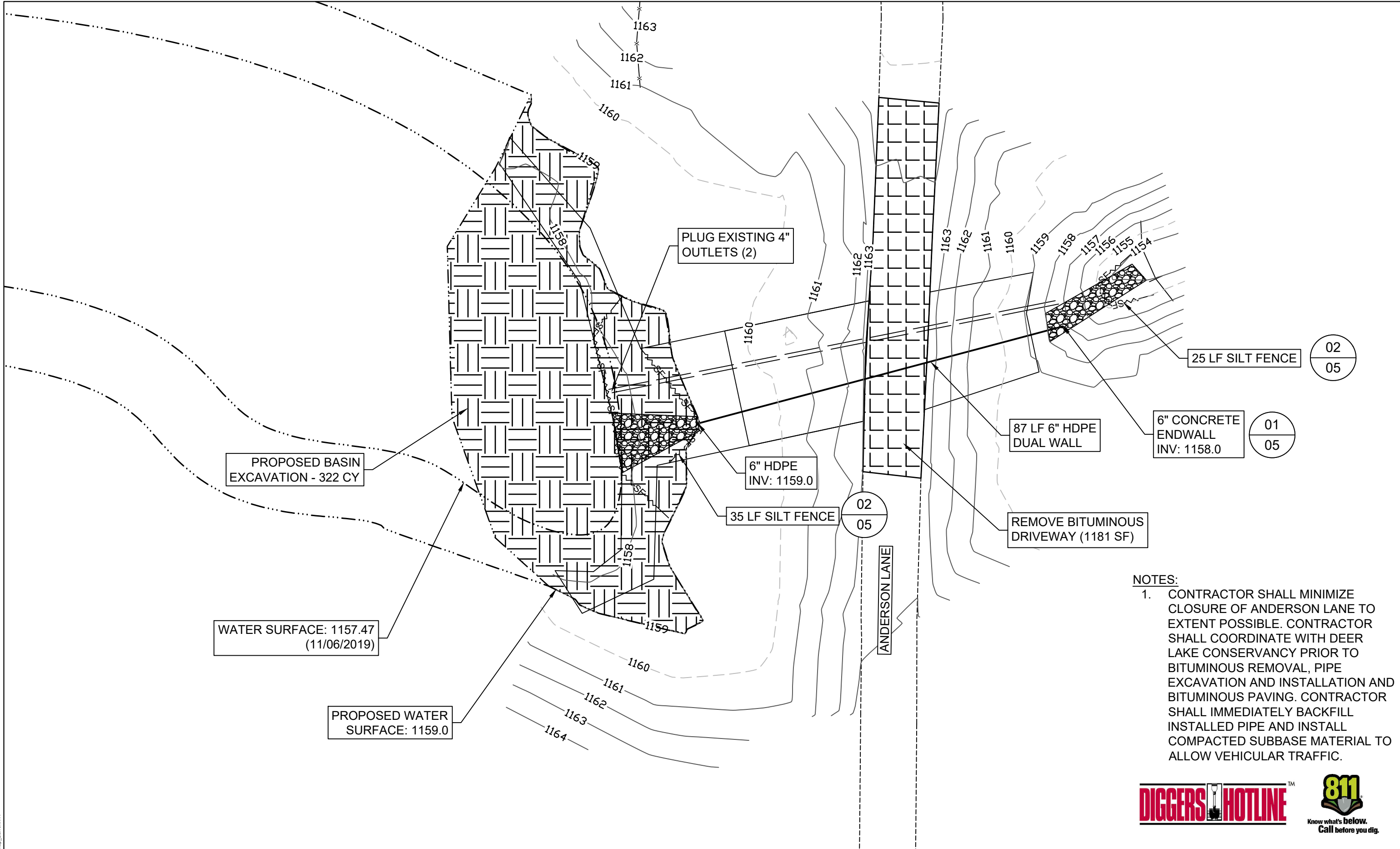
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 ecology Tele: 651.770.8448
 community www.eorinc.com

**DEER LAKE
 CONSERVANCY**
 1492 150TH AVENUE
 ST. CROIX FALLS, WI 54024

ANDERSON LANE STORMWATER
 IMPROVEMENTS
 ST. CROIX FALLS, POLK COUNTY,
 WISCONSIN
 STATE PROJECT NO. ---- CITY PROJECT NO. ----

SEQ & NOTES
 SHEET 02 OF 05 SHEETS





- NOTES:**
- CONTRACTOR SHALL MINIMIZE CLOSURE OF ANDERSON LANE TO EXTENT POSSIBLE. CONTRACTOR SHALL COORDINATE WITH DEER LAKE CONSERVANCY PRIOR TO BITUMINOUS REMOVAL, PIPE EXCAVATION AND INSTALLATION AND BITUMINOUS PAVING. CONTRACTOR SHALL IMMEDIATELY BACKFILL INSTALLED PIPE AND INSTALL COMPACTED SUBBASE MATERIAL TO ALLOW VEHICULAR TRAFFIC.



Plot Date: 05/18/2020
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1	04/21/2020	KDC	DRAFT PLANS - NOT FOR CONSTRUCTION
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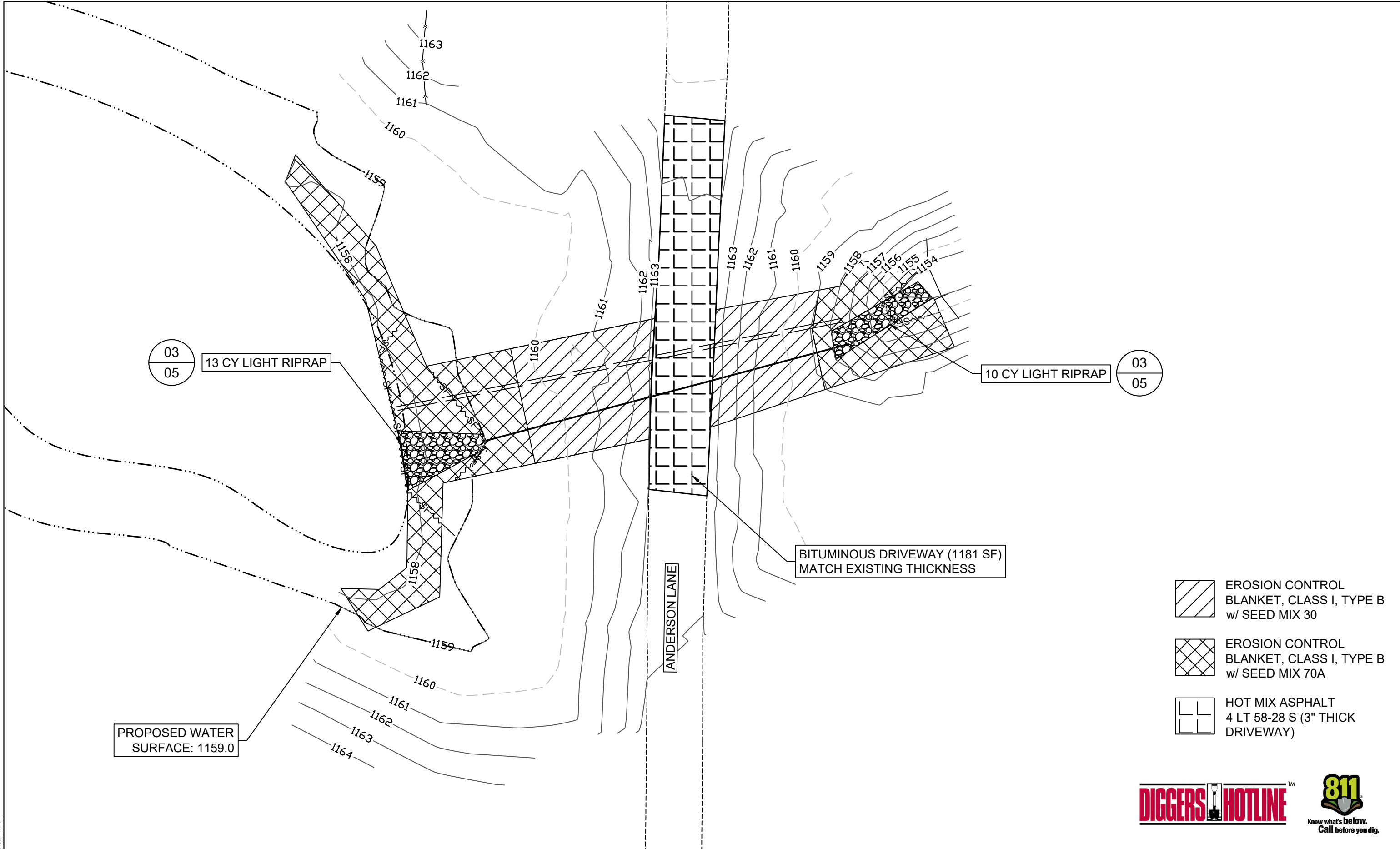
SUBMISSION DATE: 04/21/2020
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 EOR PROJECT NO.: 00996-0011

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ANDERSON LANE STORMWATER IMPROVEMENTS
 ST. CROIX FALLS, POLK COUNTY, WISCONSIN
 STATE PROJECT NO. --- CITY PROJECT NO.

SITE PLAN
 SHEET 03 OF 05 SHEETS



03
05

13 CY LIGHT RIPRAP

10 CY LIGHT RIPRAP

03
05

BITUMINOUS DRIVEWAY (1181 SF)
MATCH EXISTING THICKNESS

PROPOSED WATER
SURFACE: 1159.0

-  EROSION CONTROL BLANKET, CLASS I, TYPE B w/ SEED MIX 30
-  EROSION CONTROL BLANKET, CLASS I, TYPE B w/ SEED MIX 70A
-  HOT MIX ASPHALT 4 LT 58-28 S (3" THICK DRIVEWAY)



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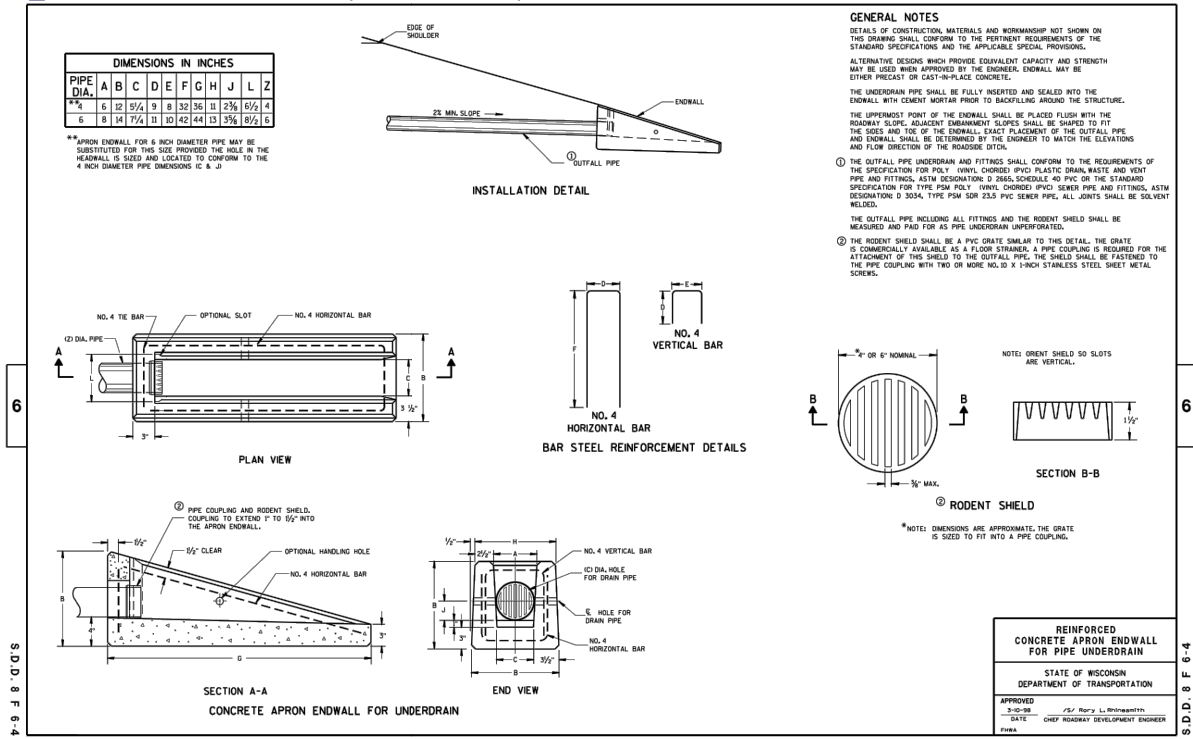
ANDERSON LANE STORMWATER IMPROVEMENTS
 ST. CROIX FALLS, POLK COUNTY, WISCONSIN
 STATE PROJECT NO. --- CITY PROJECT NO.

SITE RESTORATION
 SHEET 04 OF 05 SHEETS

Plot Date: 05/18/2020
 Drawing Name: 004-0012 - Stormwater
 Project Name: 004-0012 - Stormwater
 File Path: \\s:\projects\004-0012 - Stormwater\004-0012 - Stormwater\004-0012 - Stormwater.dwg

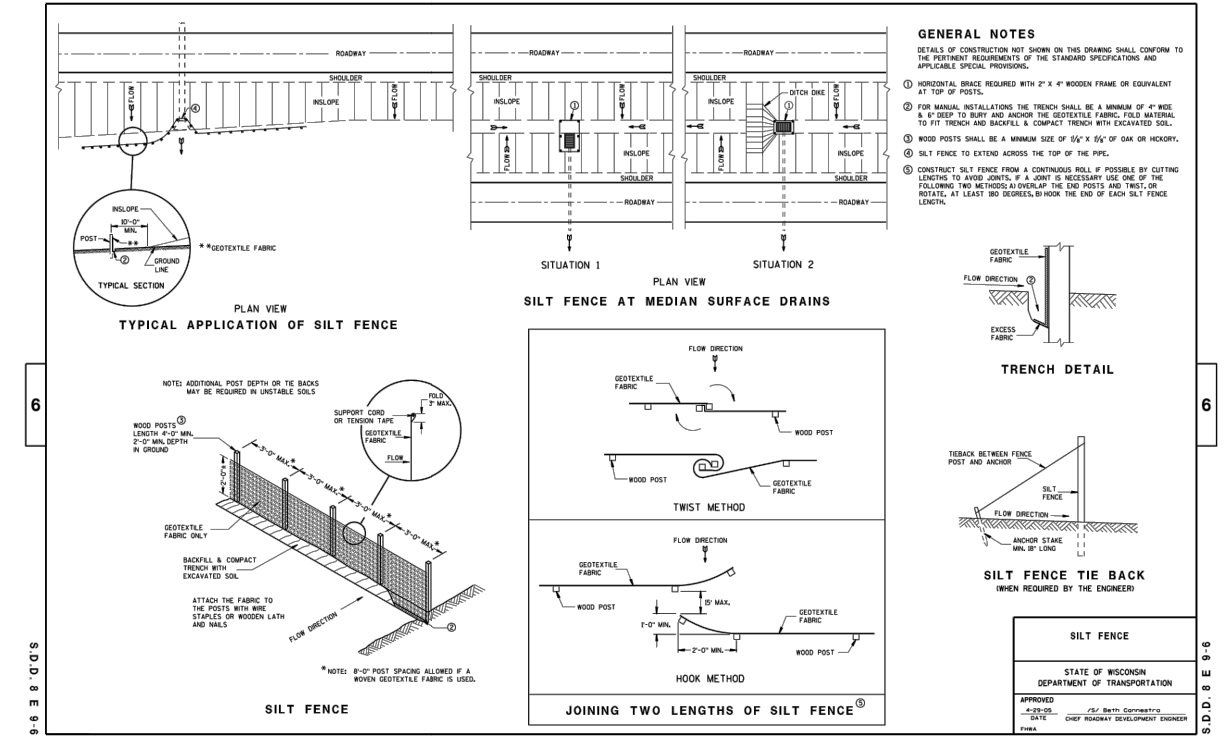
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1	04/21/2020	KDC	DRAFT PLANS - NOT FOR CONSTRUCTION

SDD 8f6 Reinforced Concrete Apron Endwall for Pipe Underdrain

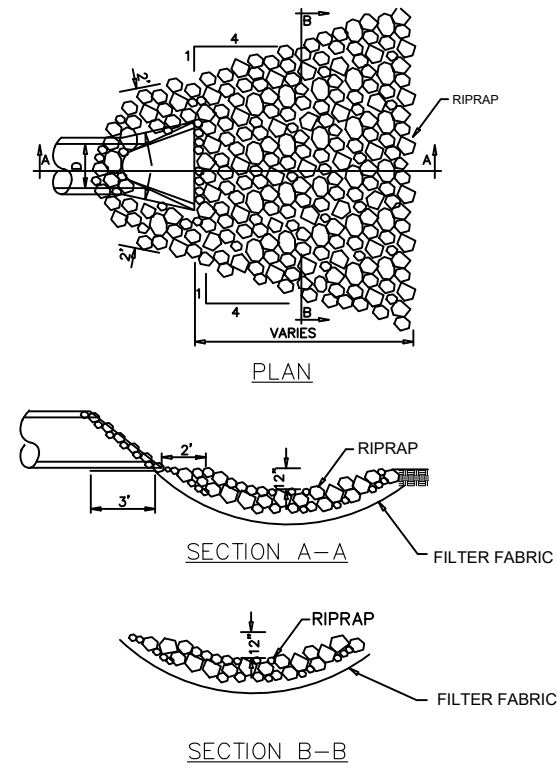


01 CONCRETE APRON ENDWALL DETAIL
05

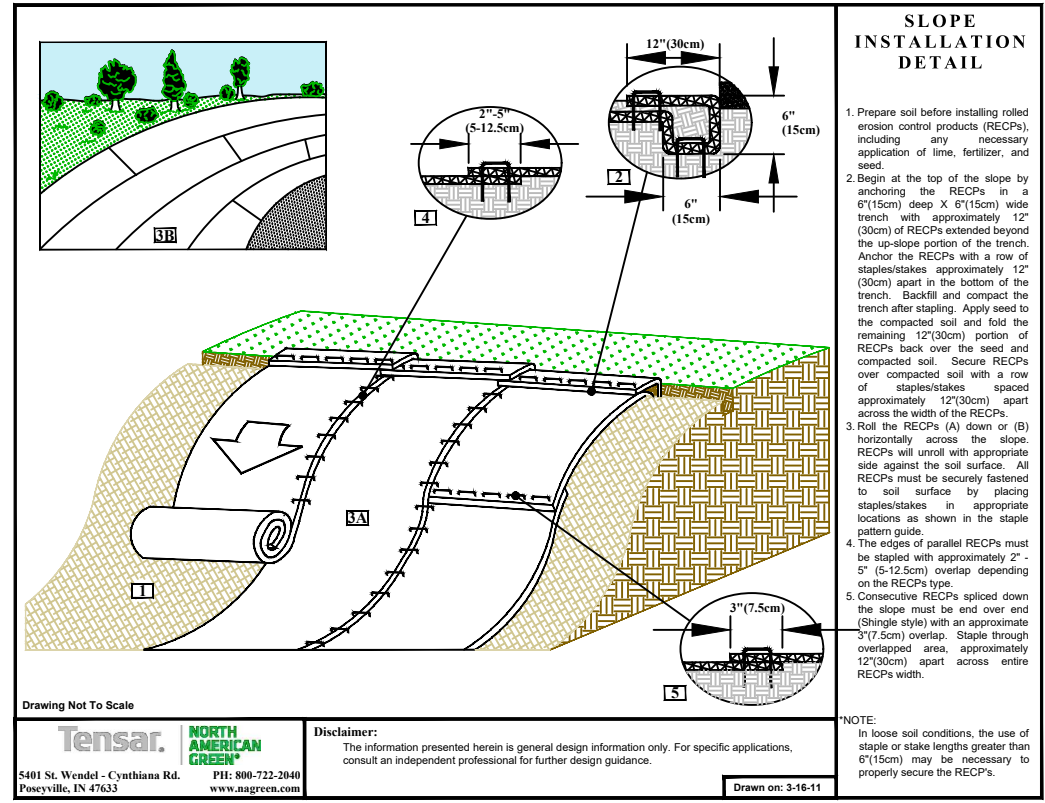
SDD 8e9 Silt Fence



02 SILT FENCE DETAIL
05



03 RIPRAP OUTLET DETAIL
05



04 EROSION CONTROL BLANKET DETAIL
05

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DETAILS
SHEET 05 OF 05 SHEETS

Plot Date: 05/19/2020
 Drawing Name: P:\Projects\0996_Deer_Lake_Conservancy\0011_South_Neighborhood_Improvements_GM\Drawings\0011_Concept.dwg
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NO	DATE	BY	REVISION
1	04/21/2020	KDC	DRAFT PLANS - NOT FOR CONSTRUCTION
2			
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