



COUNTY OF KENOSHA

Department of Planning & Development

KENOSHA COUNTY REZONING PROCEDURES

- ☐ 1. Contact the Department of Public Works & Development Services and check with staff to determine if your proposed zoning change meets the requirements for the Kenosha County General Zoning and Shoreland/Floodplain Zoning Ordinance and the Kenosha County Subdivision Control Ordinance. Note: If the proposed rezoning is part of a proposed land division see the Certified Survey Map Information and Procedures.

- ☐ 2. Contact the Department of Public Works & Development Services and schedule a pre-conference meeting, which is required for all rezoning requests.

Meeting Date: _____

- ☐ 3. Contact your local Town to determine if your rezoning petition requires preliminary approval.

- ☐ 4. Complete and submit the Kenosha County Rezoning Application by the filing deadline (see Planning, Development & Extension Education Committee Schedule handout).

- ☐ 6. Submit a copy of the date-stamped application to your local township for placement on the agenda of the Town Planning Commission and Town Board, which recommends action to the County Planning, Development & Extension Education Committee. Keep a copy for your records.

- ☐ 7. Attend the Town Planning Commission and the Town Board meetings. **NOTE:** You must attend or the Town will not be able to act on your request.

Town Planning Commission meeting date (tentative): _____

Town Board meeting date (tentative): _____

- ☐ 8. Attend the Planning, Development & Extension Education Committee public hearing. **NOTE:** You must attend or the Planning, Development & Extension Education Committee will not be able to act on your request. At this meeting you will be asked to brief the Committee on your request.

Kenosha County Planning, Development & Extension Education Committee meeting date: _____
(tentative)

- ☐ 9. Planning, Development & Extension Education Committee recommends either approval and adopts a resolution or denial and transmits recommendation to the Kenosha County Board of Supervisors. No action is required from the applicant at this time.

If approved, County Board of Supervisors either approves or denies the amendment.

If denied by the Kenosha County Board of Supervisors you have thirty (30) days to file an appeal with circuit court if you so choose.

- ☐ 10. After the County Executive has signed the official ordinance document amending the Kenosha County Zoning Map, you will be notified of your approval in writing. Upon notification of approval, you may proceed with recording any necessary deeds.

IMPORTANT TELEPHONE NUMBERS

Kenosha County Center
 Department of Public Works & Development Services
 19600 - 75th Street, Suite 185-3
 Bristol, Wisconsin 53104-9772

Division of Planning & Development (including Sanitation & Land Conservation) **857-1895**
 Facsimile #..... 857-1920

Public Works Division of Highways 857-1870

Administration Building
 Division of Land Information..... 653-2622

Brighton, Town of 878-2218

Paris, Town of 859-3006

Randall, Town of..... 877-2165

Salem, Town of 843-2313

Utility District..... 862-2371

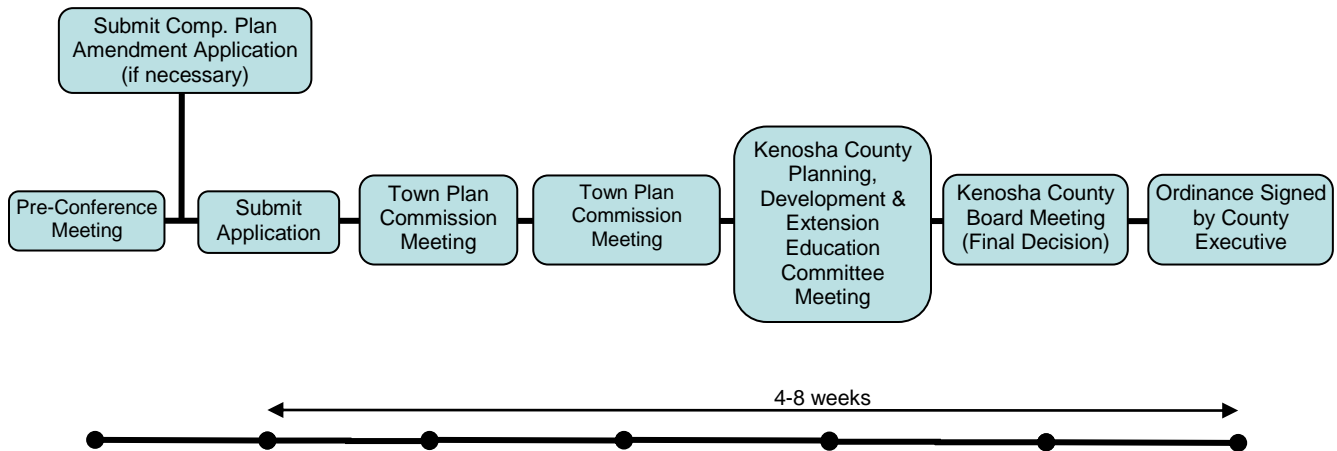
Somers Town of 859-2822

Wheatland, Town of..... 537-4340

Wisconsin Department of Natural Resources - Sturtevant Office 884-2300

Wisconsin Department of Transportation - Waukesha Office 548-8722

Rezoning Procedure Timeline



For Reference Purposes



COUNTY OF KENOSHA

Department of Planning and Development

REZONING APPLICATION

RECEIVED

MAY - 6 2020

MAY - 6 2020

(a) Property Owner's Name
Kenosha County
Deputy County Clerk
Thomas C. Walas

Kenosha County
Planning and Development

Print Name: Thomas C. Walas

Signature: _____

Mailing Address: 5901 Lockhurst Dr.

City: Woodland Hills State: CA Zip: 91367

Phone Number: 310-498-3443 E-mail (optional): tomwalas@prodigy.net

Note: Unless the property owner's signature can be obtained in the above space, a letter of agent status **signed** by the legal property owner **must** be submitted if you are a tenant, leaseholder, or authorized agent representing the legal owner, allowing you to act on their behalf.

(b) Agent's Name (if applicable):

Maria Koerner

Print Name: Maria Koerner, Agent

Signature: _____

Business Name: Wisconsin Electric Power Company d/b/a We Energies

Mailing Address: 231 W. Michigan Street - P129

City: Milwaukee State: WI Zip: 53203

Phone Number: 414-221-2727 E-mail (optional): maria.koerner@we-energies.com

(c) Tax key number(s) of property to be rezoned:

45-4-221-021-0100

Property Address of property to be rezoned:

County Highway KR (1st Street)

(d) Proposed use (a statement of the type, extent, area, etc. of any development project):

Wisconsin Electric Power Company d/b/a We Energies proposes to construct, install and maintain a gas regulator station approximately 5400 feet west of I-94 on the south side of County Highway KR a/k/a 1st Street, in the Town of Paris, Kenosha County, WI. The parcel, the proposed gas regulator station would be located on, consists of approximately 77.43 acres zoned A-1 Agricultural Preservation District, and C-1 Lowland Resource Conservancy District. The actual footprint of the proposed gas regulator station is approximately 32.692 square feet or 0.75 acres currently zoned A-1 Agricultural Preservation District and intended to be rezoned I-1 Institutional District.

REZONING APPLICATION

(e) Check the box next to any and all of the **existing** zoning district classifications present on the subject property:

A-1 Agricultural Preservation District	TCO Town Center Overlay District
A-2 General Agricultural District	B-1 Neighborhood Business District
A-3 Agricultural Related Manufacturing, Warehousing and Marketing District	B-2 Community Business District
A-4 Agricultural Land Holding District	B-3 Highway Business District
AE-1 Agricultural Equestrian Cluster Single-Family District	B-4 Planned Business District
R-1 Rural Residential District	B-5 Wholesale Trade and Warehousing District
R-2 Suburban Single-Family Residential District	BP-1 Business Park District
R-3 Urban Single-Family Residential District	B-94 Interstate Highway 94 Special Use Business District
R-4 Urban Single-Family Residential District	M-1 Limited Manufacturing District
R-5 Urban Single-Family Residential District	M-2 Heavy Manufacturing District
R-6 Urban Single-Family Residential District	M-3 Mineral Extraction District
R-7 Suburban Two-Family and Three-Family Residential District	M-4 Sanitary Landfill and Hazardous Waste Disposal District
R-8 Urban Two-Family Residential District	I-1 Institutional District
R-9 Multiple-Family Residential District	PR-1 Park-Recreational District
R-10 Multiple-Family Residential District	C-1 Lowland Resource Conservancy District
R-11 Multiple-Family Residential District	C-2 Upland Resource Conservancy District
R-12 Mobile Home/Manufactured Home Park-Subdivision District	FPO Floodplain Overlay District
HO Historical Overlay District	FWO Camp Lake/Center Lake Floodway Overlay District
PUD Planned Unit Development Overlay District	FFO Camp Lake/Center Lake Floodplain Fringe Overlay District
AO Airport Overlay District	
RC Rural Cluster Development Overlay District	

(f) Check the box next to any and all of the **proposed** zoning district classifications proposed for the subject property:

A-1 Agricultural Preservation District	TCO Town Center Overlay District
A-2 General Agricultural District	B-1 Neighborhood Business District
A-3 Agricultural Related Manufacturing, Warehousing and Marketing District	B-2 Community Business District
A-4 Agricultural Land Holding District	B-3 Highway Business District
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PUD Planned Unit Development Overlay District	FFO Camp Lake/Center Lake Floodplain Fringe Overlay District
AO Airport Overlay District	
RC Rural Cluster Development Overlay District	

REZONING APPLICATION

(g) Your request must be consistent with the existing planned land use category as shown on Map 65 of the adopted "[Multi-Jurisdictional Comprehensive Plan for Kenosha County: 2035](#)".

*** A COMP. PLAN AMENDMENT IS
SIMUTANEOUSLY PENDING ***

The existing planned land use category for the subject property is:

Farmland Protection	Governmental and Institutional
General Agricultural and Open Land	Park and Recreational
Rural-Density Residential	Street and Highway Right-of-Way
Agricultural and Rural Density Residential	Other Transportation, Communication, and Utility
Suburban-Density Residential	Extractive
Medium-Density Residential	Landfill
High-Density Residential	Primary Environmental Corridor
Mixed Use	Secondary Environmental Corridor
Commercial	Isolated Natural Resource Area
Office/Professional Services	Other Conservancy Land to be Preserved
Industrial	Nonfarmed Wetland
Business/Industrial Park	Surface Water

(h) Attach a plot plan or survey plat of property to be rezoned (showing location, dimensions, zoning of adjacent properties, existing uses and buildings of adjacent properties, floodways and floodplains)—drawn to scale.

(i) The Kenosha County Department of Planning and Development may ask for additional information.

(1) Is this property located within the shoreland area?

Shoreland area is defined as the following: All land, water and air located within the following distances from the ordinary high water mark of navigable waters as defined in section 144.26(2)(d) of the Wisconsin Statutes: 1,000 feet from a lake, pond or flowage; 300 feet from a river or stream or to the landward side of the floodplain, whichever distance is greater. If the navigable water is a glacial pothole lake, the distance shall be measured from the high water mark thereof.

Yes

No

(2) Is this property located within the City of Kenosha Airport affected area as defined in s. 62.23 (6) (am) 1. b.?

Yes

No

(j) The name of the County Supervisor of the district wherein the property is located ([District Map](#)):

Supervisory District Number: _____ County Board Supervisor: _____

(k) The fee specified in Section 12.05-8 of this ordinance.

Request for Rezoning Petition\$750.00

(For other fees see the [Fee Schedule](#))

Note: Agricultural Use Conversion Charge

The use value assessment system values agricultural land based on the income that would be generated from its rental for agricultural use rather than its fair market value. When a person converts agricultural land to a non-agricultural use (e.g. residential or commercial development), that person may owe a conversion charge. To obtain more information about the use value law or conversion charge, contact the Wisconsin Department of Revenue's Equalization Section at 608-266-2149 or visit <http://www.revenue.wi.gov/faqs/slf/useassmt.html>.

Note that the act of rezoning property from an agricultural zoning district to a non-agricultural zoning district does not necessarily trigger the agricultural use conversion charge. It is when the use of the property changes from agricultural that the conversion charge is assessed.

Kenosha County



WI DNR WETLAND INVENTORY LAYER



1 inch = 714 feet

THIS MAP IS NEITHER A LEGALLY RECORDED MAP NOR A SURVEY AND IS NOT INTENDED TO BE USED AS ONE. THIS DRAWING IS A COMPILATION OF RECORDS, DATA AND INFORMATION LOCATED IN VARIOUS STATE, COUNTY AND MUNICIPAL OFFICES AND OTHER SOURCES AFFECTING THE AREA SHOWN AND IS TO BE USED FOR REFERENCE PURPOSES ONLY. KENOSHA COUNTY IS NOT RESPONSIBLE FOR ANY INNACURACIES HEREIN CONTAINED. IF DISCREPANCIES ARE FOUND, PLEASE CONTACT KENOSHA COUNTY.

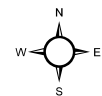


Source: Kenosha County Department of Planning and Development

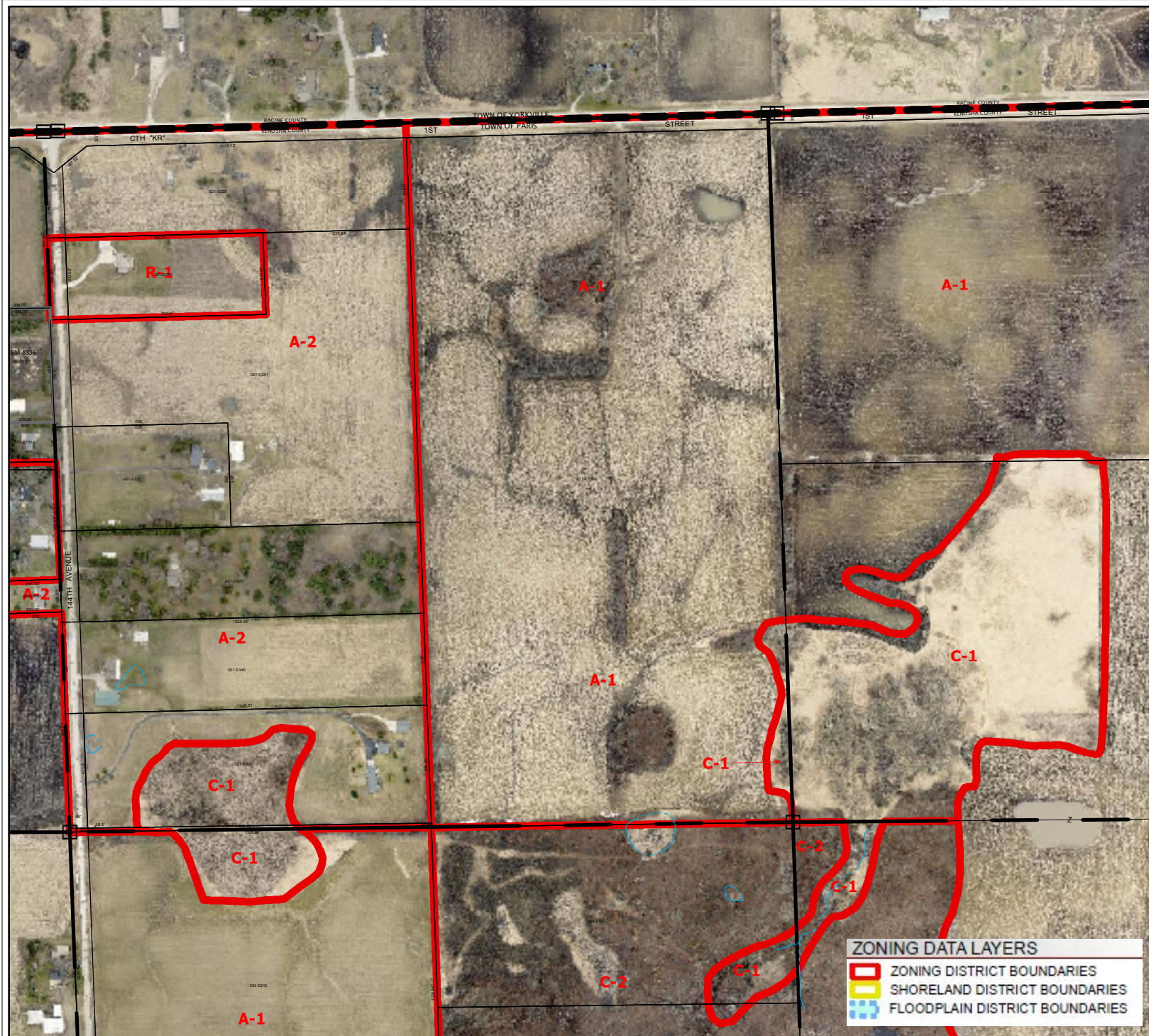
Kenosha County



CURRENT ZONING MAP CLASSIFICATIONS



1 inch = 500 feet



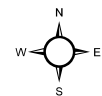
ZONING DATA LAYERS	
	ZONING DISTRICT BOUNDARIES
	SHORELAND DISTRICT BOUNDARIES
	FLOODPLAIN DISTRICT BOUNDARIES

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Kenosha County

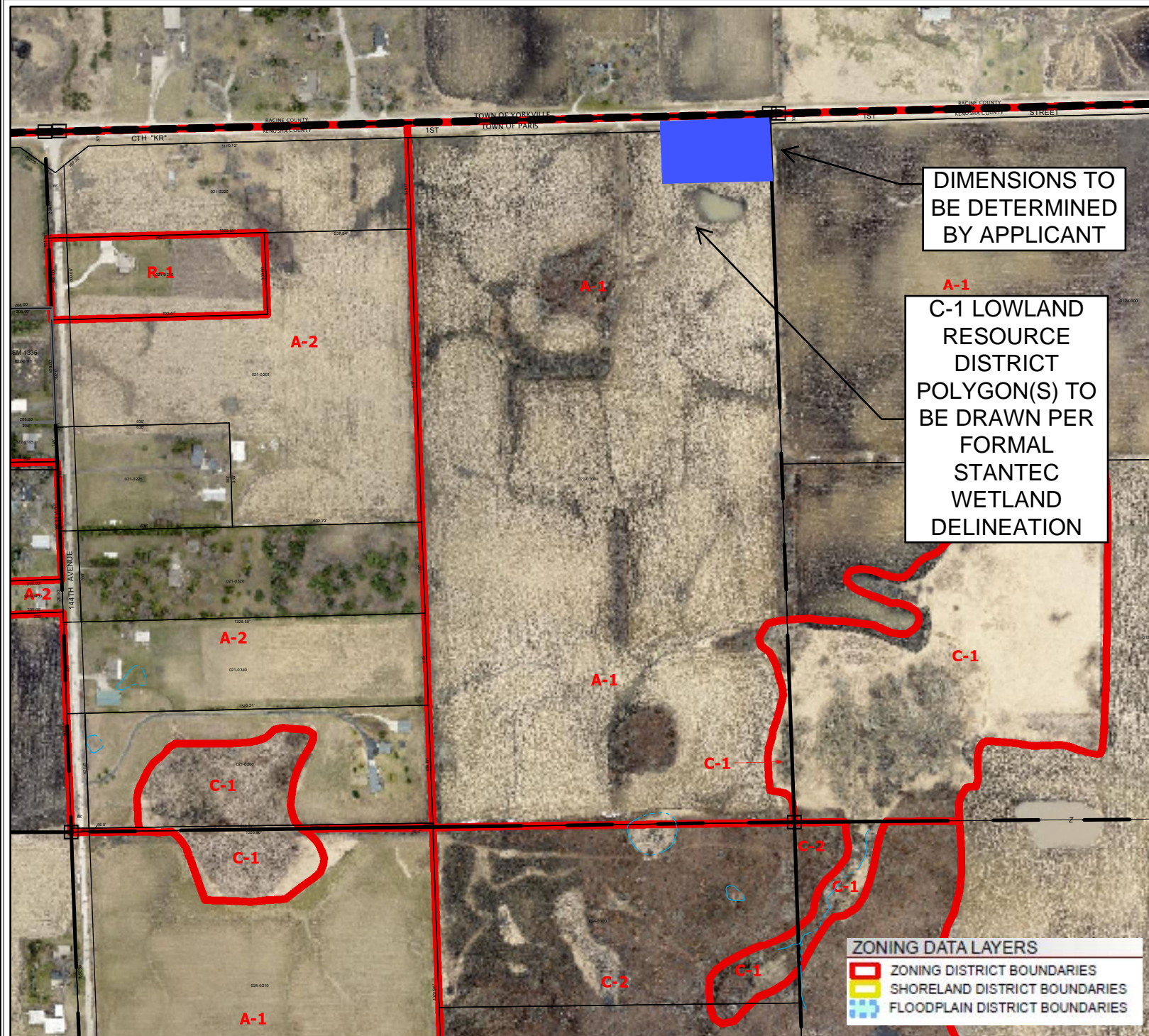


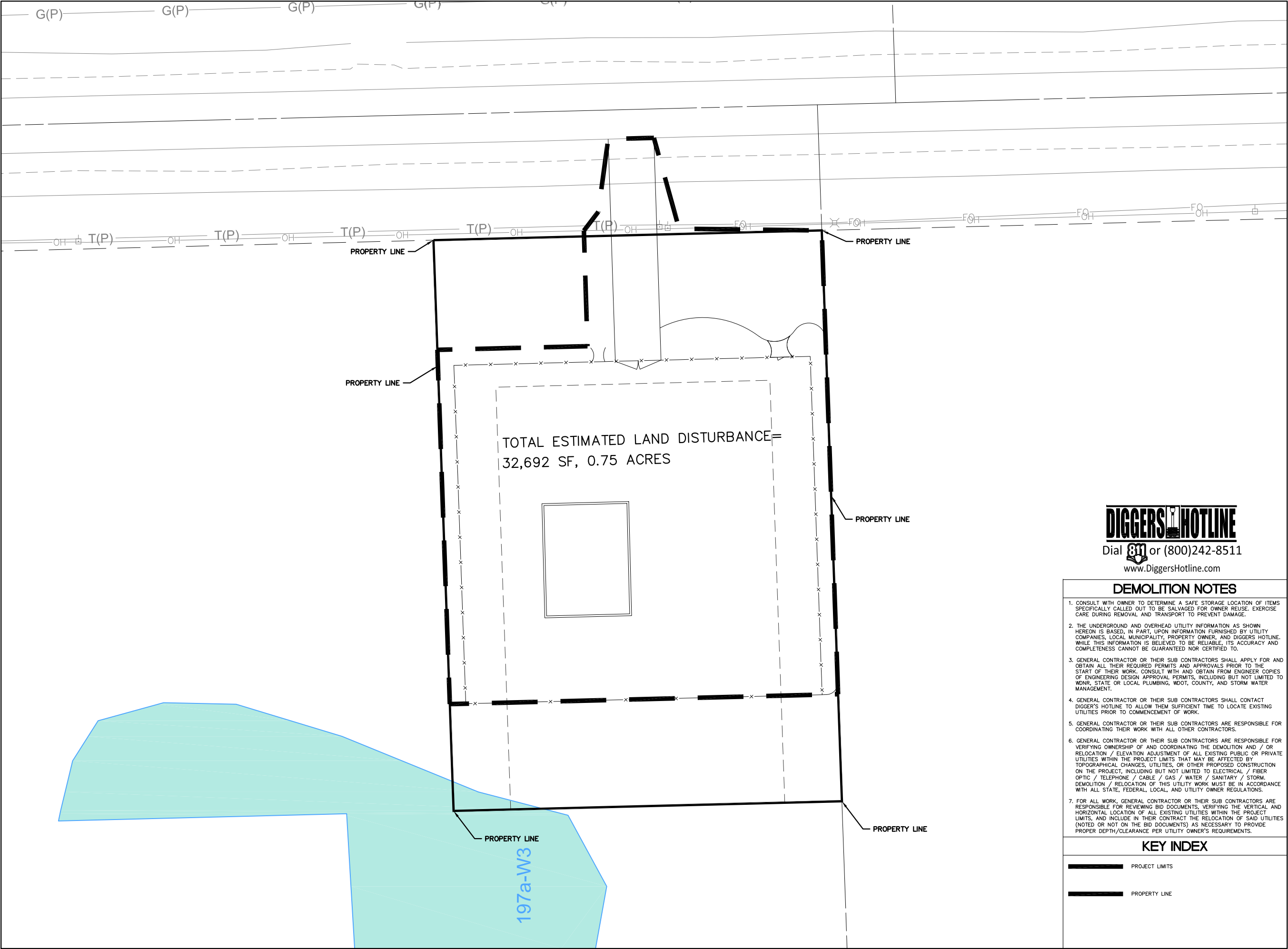
PROPOSED ZONING MAP CLASSIFICATIONS



1 inch = 500 feet

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7711 N. Port Washington Road
Milwaukee, Wisconsin 53217
kapurinc.com

PROJECT:
WE ENERGIES
LAKESHORE H.P.
REGULATION
STATION

LOCATION:
WALAS SITE

CLIENT:

RELEASE:
PRELIMINARY

REVISIONS:

#	DATE	DESCRIPTION

NORTH ARROW:

SCALE: 1" = 40'

SEAL:

all in

SHEET:

SITE DEMOLITION
PLAN

PROJECT MANAGER: LMN
PROJECT NUMBER: 19.0206.01
DATE: 04/03/2020

SHEET NUMBER:

C101

PROJECT:
WE ENERGIES
LAKESHORE H.P.
REGULATION
STATION

LOCATION:
WALAS SITE

CLIENT:




RELEASE:
PRELIMINARY

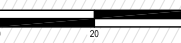
REVISIONS:

#	DATE	DESCRIPTION

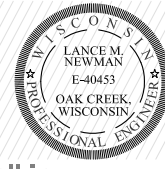
NORTH ARROW:



SCALE: 1" = 40'



SEAL:

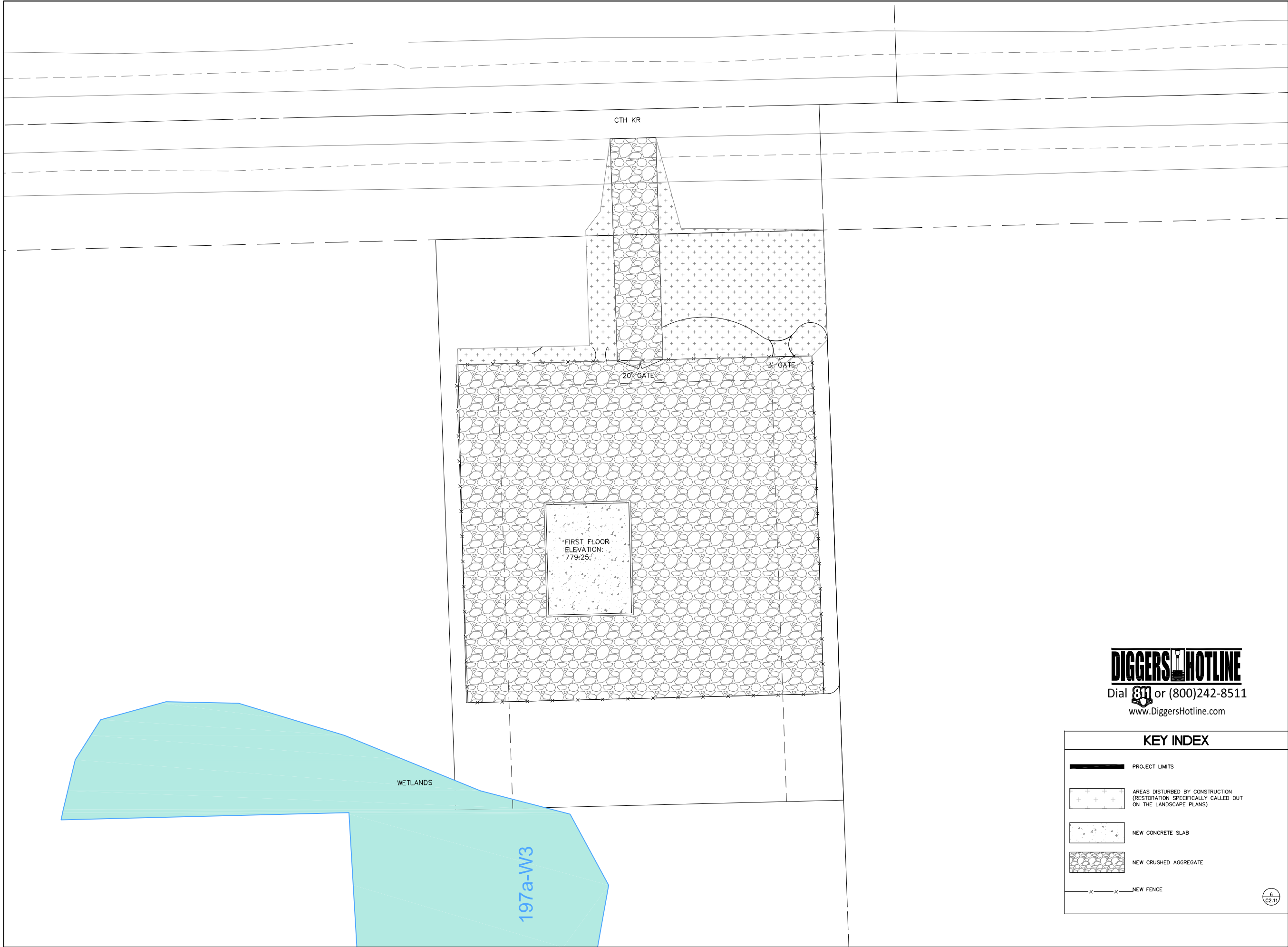


all in

SHEET:
SITE LAYOUT PLAN

PROJECT MANAGER: LMN
PROJECT NUMBER: 19.0206.01
DATE: 04/03/2020

SHEET NUMBER:
C102



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

KEY INDEX

- PROJECT LIMITS
- AREAS DISTURBED BY CONSTRUCTION (RESTORATION SPECIFICALLY CALLED OUT ON THE LANDSCAPE PLANS)
- NEW CONCRETE SLAB
- NEW CRUSHED AGGREGATE
- NEW FENCE

6 C2.11



7711 N. Port Washington Road
Milwaukee, Wisconsin 53217

kapurinc.com

PROJECT:
WE ENERGIES
LAKESHORE H.P.
REGULATION
STATION

LOCATION:
WALAS SITE

CLIENT:

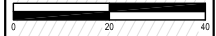

RELEASE:
PRELIMINARY

REVISIONS:		
#	DATE	DESCRIPTION

NORTH ARROW:



SCALE: 1" = 40'



SEAL:

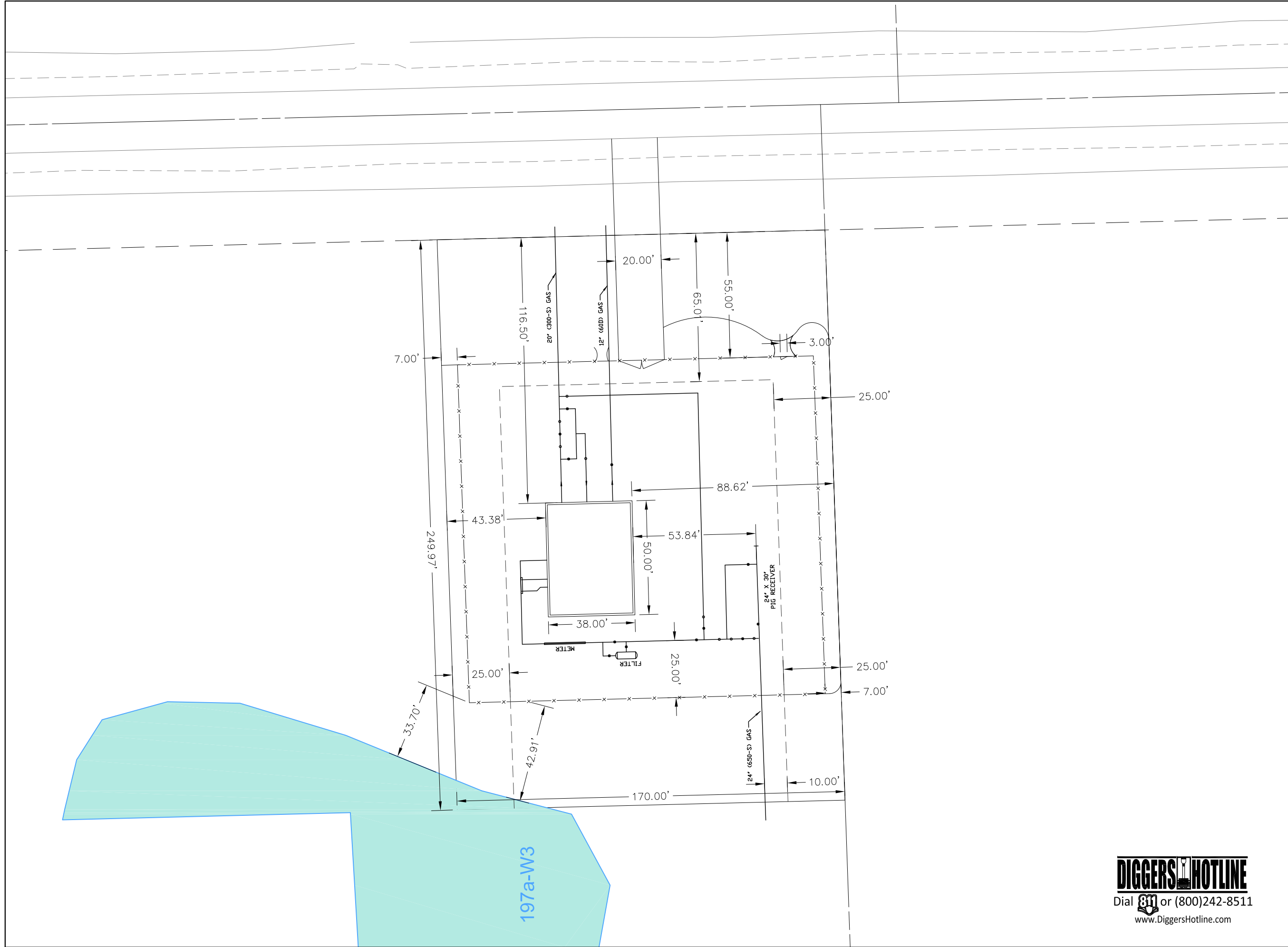


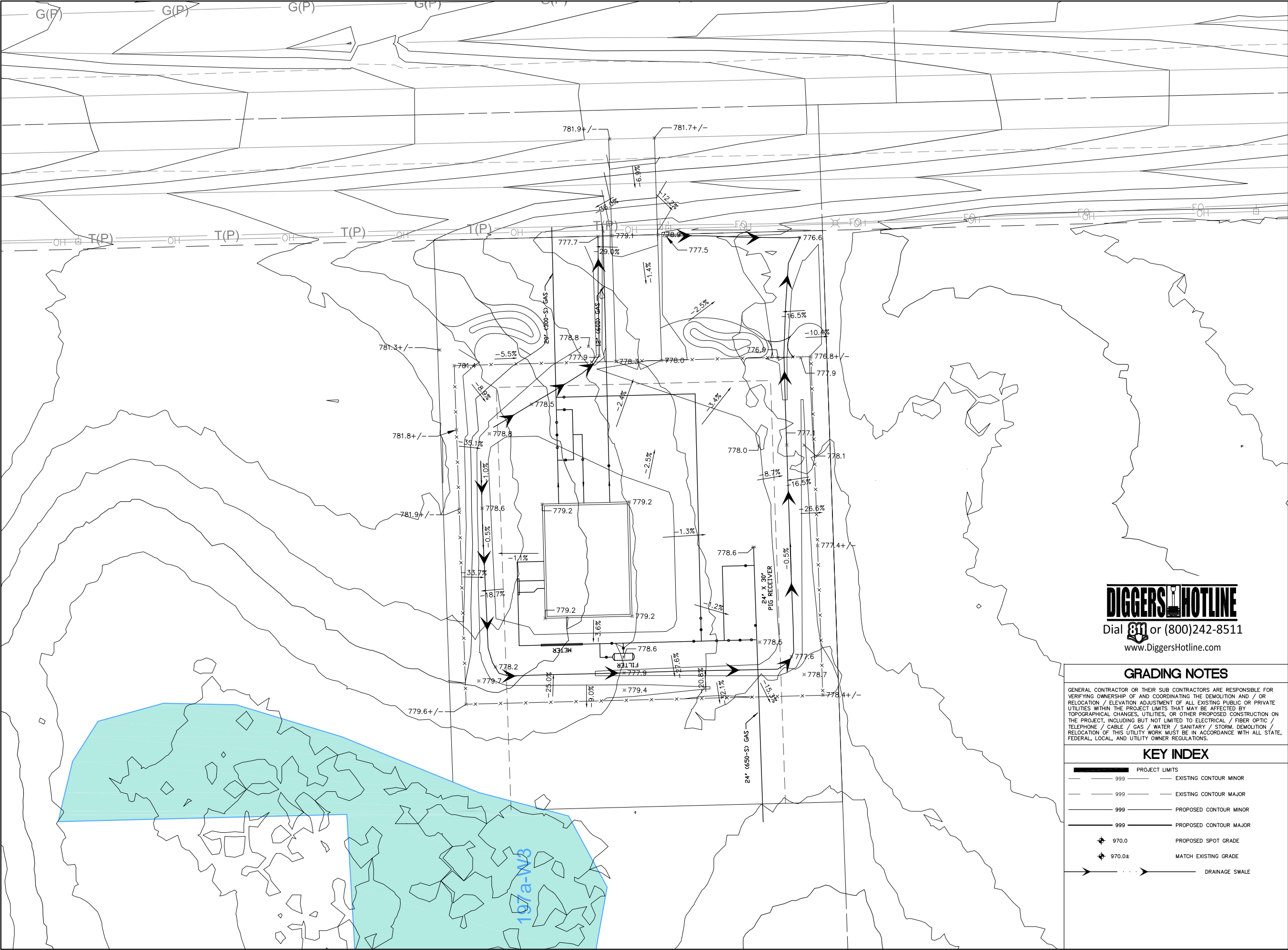
all in

SHEET:
SITE GEOMETRIC
PLAN

PROJECT MANAGER: LMN
PROJECT NUMBER: 19.0206.01
DATE: 04/03/2020

SHEET NUMBER:
C103





7711 N. Port Washington Road
Milwaukee, Wisconsin 53217
kapurinc.com

PROJECT:
WE ENERGIES
LAKESHORE H.P.
REGULATION
STATION

LOCATION:
WALAS SITE

CLIENT:

RELEASE:
PRELIMINARY

REVISIONS:

#	DATE	DESCRIPTION

NORTH ARROW:

SCALE: 1" = 40'

SEAL:

all in

SHEET:
SITE GRADING PLAN

PROJECT MANAGER: LMN
PROJECT NUMBER: 18.0206.01
DATE: 04/03/2020

SHEET NUMBER:
C104



7711 N. Port Washington Road
Milwaukee, Wisconsin 53217

kapurinc.com

PROJECT:
WE ENERGIES
LAKESHORE H.P.
REGULATION
STATION

LOCATION:
WALAS SITE

CLIENT:

RELEASE:
PRELIMINARY

#	DATE	DESCRIPTION

NORTH ARROW:

SCALE: 1" = 40'

SEAL:

all in

SHEET:
SITE UTILITY PLAN

PROJECT MANAGER:	LWN
PROJECT NUMBER:	18.0206.01
DATE:	04/03/2020

SHEET NUMBER:
C105



PROJECT:

LOCATION:

CLIENT:



NORTH ARROW:



PROJECT MANAGER:

MN	
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PROJECT NUMBER:

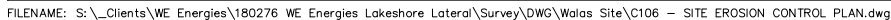
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DATE: _____

020

SHEET NUMBER:

C106



PROJECT:
**WE ENERGIES
LAKESHORE H.P.
REGULATION
STATION**

LOCATION:
WALAS SITE

CLIENT:



RELEASE:
PRELIMINARY

REVISIONS:

#	DATE	DESCRIPTION

SEAL:



all in

SHEET:
**SITE EROSION
CONTROL PLAN**

PROJECT MANAGER: LWN
PROJECT NUMBER: 19.0206.01
DATE: 04/03/2020

SHEET NUMBER:

C201

EROSION CONTROL MEASURES

- CONTRACTOR TO INSTALL AND MAINTAIN EROSION CONTROL MEASURES AS INDICATED ON THIS PLAN AND PER THE LATEST WDNR TECHNICAL STANDARDS. TECHNICAL STANDARDS MAY BE VIEWED ONLINE AT: http://dnr.wis.gov/topic/stormwater/standards/const_standards.html
- INLETS AND CATCH BASINS SHALL BE PROTECTED WITH INLET FILTERS THAT ARE PHASED IN WITH CONSTRUCTION TO REDUCE SEDIMENT FROM ENTERING THESE AREAS PER WDNR TECHNICAL STANDARD 1060 AS FOLLOWS:

ALL FABRIC BARRIERS SELECTED FOR INLET/CATCH BASIN PROTECTION DEVICES SHALL BE SELECTED FROM THE LIST OF APPROVED FABRICS CERTIFIED FOR INLET PROTECTION, GEOTEXTILE FABRIC, TYPE FF IN THE CURRENT EDITION OF THE WEDGOT PRODUCT ACCEPTABILITY LIST, TO OBTAIN THE PAL, PLEASE REFER TO THIS WEBSITE:
<https://resources.dot.gov/Documents/doing-bus-eng-consultants/const-races/tools/pal/pal-7-14.pdf>
- INLET PROTECTION SHALL BE AT A MINIMUM INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT OF 1/8 INCH OR GREATER DURING A 24-HOUR PERIOD.

B. PLACEMENT OF SPILL MATERIAL, DEBRIS, SOLS, ETC. ON TOP OF INLETS/CATCH BASINS EVEN IF TEMPORARY, IS STRICTLY DISCOURAGED AND PROHIBITED.

C. SEDIMENT DEPOSITS SHALL BE REMOVED AND THE INLET PROTECTION DEVICE RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT DEPOSITED BETWEEN 1/3 TO 1/2 THE DESIGN DEPTH OF THE DEVICE FOR TYPES A-C, WHEN SEDIMENT IS WITHIN 6" OF THE BOTTOM OF THE OVERFLOW HOLE FOR TYPE D, WHEN THE DEVICE IS NO LONGER FUNCTIONING PER MANUFACTURER'S SPECIFICATIONS. ALL SEDIMENT COLLECTED SHALL BE PROPERLY DISPOSED OF TO PREVENT DISCHARGE INTO AREA WATERWAYS AND WETLANDS.

D. DUE CARE SHALL BE TAKEN TO ENSURE SEDIMENT DOES NOT FALL INTO THE INLETS/CATCH BASINS AND IMPERE THE INTENDED FUNCTION OF THE DEVICE. ANY MATERIAL FALLING INTO THE INLET/CATCH BASIN SHALL BE REMOVED AND PROPERLY DISPOSED OF PER NOTE C ABOVE.

E. INLET FILTERS MAY BE REMOVED AND PROPERLY DISPOSED OF UPON COMPLETION OF CONSTRUCTION, HAULING OR MOVEMENT OF CONSTRUCTION EQUIPMENT THROUGHOUT THE SITE, AND ONCE THE SITE IS ADEQUATELY STABILIZED, UNLESS AS OTHERWISE NOTIFIED BY THE WDNR.
- A TRACKING PAD SHALL BE INSTALLED AS SHOWN ON THE PLAN SHEET PRIOR TO THE START OF CONSTRUCTION TO REDUCE OFF-SITE SEDIMENTATION. TRACKING OF SEDIMENT FROM THE SITE PER WDNR TECHNICAL STANDARD 1057 AS FOLLOWS:

A. AGGREGATE USED FOR TRACKING PADS SHALL BE 3 TO 6 INCH CLEAR OR WASHED STONE, ALL MATERIAL TO BE RETAINED BY 3 INCH SIEVE.

B. THE AGGREGATE SHALL BE PLACED IN A LAYER OF AT LEAST 12 INCHES THICK, ON SITES WITH A HIGH WATER TABLE, OR WHERE SATURATED CONDITIONS ARE EXPECTED, TRACKING PAD WILL BE UNDERLAIN WITH WIDGOT TYPE R GEOTEXTILE FABRIC.

C. THE TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT (MIN. 15 FEET WIDE) AND BE AT LEAST 50 FEET LONG.

D. VEHICLES TRAVELING ACROSS THE TRACKING PAD SHALL MAINTAIN A SLOW CONSTANT SPEED.

E. ANY SEDIMENT OR ROCK ACCUMULATION ONTO LOCAL ROADWAYS SHALL BE REMOVED BY STREET CLEANING, NOT FLUSHING BEFORE THE END OF EACH WORKING DAY.

F. THE TRACKING PAD SHALL, AT A MINIMUM BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT OF 1/8 INCH OF RAIN OR MORE DURING A 24-HOUR PERIOD.

G. THE TRACKING PAD PERFORMANCE SHALL BE MAINTAINED AT A MINIMUM OF 12" BY SCRAPING OR TOP-DRESSING WITH ADDITIONAL AGGREGATE.
- THE CONSTRUCTION SITE PERIMETER AND TOPSOIL STOCKPILE AREA SHALL BE PROTECTED WITH SILT FENCE AS SHOWN ON THE PLAN SHEET PRIOR TO THE START OF CONSTRUCTION TO INTERCEPT AND REDUCE THE FLOW OF SEDIMENT-LADEN SHEET FLOW RUNOFF FROM THE CONSTRUCTION SITE PER WDNR TECHNICAL STANDARD 1058 AS FOLLOWS:

A. SILT FENCE ENDS SHALL BE EXTENDED UPSLOPE TO PREVENT WATER FROM FLOWING AROUND THE ENDS OF THE FENCING AS SHOWN ON THE PLAN SHEET.

B. INSTALLED SILT FENCE SHALL BE A MINIMUM 14 INCHES HIGH AND SHALL NOT EXCEED 28 INCHES IN HEIGHT MEASURED FROM THE INSTALLED GROUND ELEVATION.

C. SILT FENCE SHALL BE SUPPORTED BY EITHER STEEL OR WOOD SUPPORT POSTS.

D. THE MAXIMUM SPACING OF POSTS FOR NONWOVEN SILT FENCE SHALL BE 3 FEET OR FOR WOVEN FABRIC 8 FEET.

E. SILT FENCE SHALL HAVE A SUPPORT CORD AT THE TOP OF THE FENCE.

F. WHERE JOINTS ARE NEEDED, EACH END OF THE FABRIC SHALL BE SECURELY FASTENED TO A POST. THE POSTS SHALL BE WRAPPED AROUND EACH OTHER TO PRODUCE A STABLE AND SECURE JOINT. SILT FENCE SHALL BE OVERLAPPED THE DISTANCE BETWEEN TWO POSTS.

G. A MINIMUM OF 20 INCHES OF THE POSTS SHALL EXTEND INTO THE GROUND AFTER INSTALLATION.

H. SILT FENCE SHALL BE ANCHORED BY SPREADING AT LEAST 8 INCHES OF THE FABRIC IN A 4 INCH WIDE BY 6 INCH DEEP TRENCH, OR 6 INCH DEEP V-TRENCH ON THE UPSLOPE SIDE OF THE FENCE. THE TRENCH SHALL BE BACKFILLED AND COMPACTED. TRENCHES SHALL NOT BE EXCAVATED ANY WIDER OR DEEPER THAN NECESSARY FOR PROPER INSTALLATION.

I. ON THE TERMINAL ENDS OF THE SILT FENCE THE FABRIC SHALL BE WRAPPED AROUND THE POST SUCH THAT THE STAPLES ARE NOT VISIBLE.

J. GEOTEXTILE FABRIC SPECIFICATIONS SHALL MEET VALUES ESTABLISHED IN TECHNICAL STANDARD 1058.

K. SILT FENCE SHALL BE REMOVED ONCE THE SITE IS ADEQUATELY STABILIZED.

L. WHEN PLACING SILT FENCE NEAR TREES, CARE SHALL BE TAKEN TO MINIMIZE DAMAGE TO THE ROOT SYSTEM BY AVOIDING COMPACTION AND ROOT CUTTING WITHIN A RADIUS OF 1.5 FEET MULTIPLIED BY THE INCH DIAMETER OF THE TREE.

M. THE CONTRACTOR MAY FURTHER STRENGTHEN THE SILT FENCE BY USING HAY BALES ON THE DOWN SLOPE SIDE AS NEEDED.

N. SILT FENCE SHALL AT A MINIMUM BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 1/8 INCH OF RAIN OR MORE DURING A 24 HOUR PERIOD.

O. DAMAGED OR DECOMPOSED SILT FENCE, UNDERCUTTING, OR FLOW CHANNELS AROUND THE END OF BARRIERS SHALL BE REPAIRED OR CORRECTED.

P. SEDIMENT SHALL BE PROPERLY DISPOSED OF ONCE THE DEPOSITS REACH 1/2 THE HEIGHT OF THE FENCE TO PREVENT DISCHARGE INTO AREA WATERWAYS AND WETLANDS.
- SEEDING AND MULCHING TECHNIQUES SHALL BE USED ON AREAS OF EXPOSED SOIL WHERE THE ESTABLISHMENT OF VEGETATION IS DESIRED. TEMPORARY SEEDING APPLIES TO DISTURBED AREAS THAT WILL NOT BE BROUGHT TO FINAL GRADE OR ON WHICH LAND-RESTORING ACTIVITIES WILL NOT BE PERFORMED FOR A PERIOD GREATER THAN 14 CALENDAR DAYS, REQUIRING VEGETATIVE COVER FOR LESS THAN ONE YEAR. SEED AND MULCH SHALL BE UTILIZED THROUGHOUT THE DURATION OF CONSTRUCTION TO ESTABLISH TEMPORARY VEGETATION TO HELP REDUCE EROSION PER WDNR TECHNICAL STANDARDS 1059 AND 1058 RESPECTIVELY AS FOLLOWS:

A. TEMPORARY SEEDING REQUIRES A SEEDBED OF LOOSE SOIL TO A MINIMUM DEPTH OF 2 INCHES.

B. FERTILIZER APPLICATION IS NOT GENERALLY REQUIRED FOR TEMPORARY SEEDING. HOWEVER, ANY APPLICATION OF FERTILIZER OR LIME SHALL BE BASED ON SOIL TESTING.

C. THE SOIL SHALL HAVE A PH RANGE OF 5.5 TO 8.0.

D. ALL SEED SHALL CONFORM TO THE REQUIREMENTS OF THE WISCONSIN STATE STATUTES AND OF THE ADMINISTRATIVE CODE CHAPTER ATOP 20.01 REGARDING NOXIOUS WEED SEED CONTENT AND LABELING.

E. SEED SHALL NOT BE USED LATER THAN ONE YEAR AFTER THE TEST DATE ON THE LABEL.

F. IN THE SUMMER-SPRING, CONTRACTOR SHALL USE OATS APPLIED AT 131 LBS./ACRE FOR TEMPORARY SEEDING PURPOSES. IN THE FALL, THE CONTRACTOR SHALL USE ANNUAL RYEGRASS APPLIED AT 80 LBS./ACRE OR WINTER WHEAT OR CEREAL RYE APPLIED AT 131 LBS./ACRE. THE CONTRACTOR SHALL USE STRAW MULCH APPLIED AT 1.5 TONS/ACRE. DORMANT SEED SHALL BE USED WHEN SOIL TEMPERATURE IS CONSISTENTLY BELOW 53 DEGREES FAHRENHEIT (TYPICALLY NOV. 1 UNTIL SNOW COVER ANNUALLY). NEVER PLANT SEED ON TOP OF SNOW. IF COVER IS NEEDED AFTER SNOW FALL, CONTRACTOR MAY CHOOSE TO USE A DRY, NONTXIC TYPE B SOIL STABILIZER PER MANUFACTURER'S SPECIFICATIONS AS REQUIRED BY THE WDNR.

G. SEEDING SHALL NOT TAKE PLACE WHEN THE SOIL IS TOO WET.

H. CONTRACTOR MAY CONSIDER WATERING TO HELP ESTABLISH THE SEED. WATER APPLICATION RATES SHALL BE CONTROLLED TO HELP PREVENT RUNOFF AND EROSION.

I. DURING CONSTRUCTION, AREAS THAT HAVE BEEN SEEDDED AND MULCHED SHALL AT A MINIMUM BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 1/8 INCH OF RAIN OR MORE DURING A 24 HOUR PERIOD. INSPECT WEEKLY DURING THE GROWING SEASON UNTIL VEGETATION IS DENSELY ESTABLISHED OR THE SOIL IS LAID, REPAIR AND RESEED AREAS THAT HAVE EROSION DAMAGE AS NECESSARY.

J. CONTRACTOR IS TO LIMIT VEHICLE TRAFFIC AND OTHER FORMS OF COMPACTION IN AREAS THAT ARE SEEDDED AS MUCH AS POSSIBLE. RE-SEED DRIVEN OVER AREAS AS NEEDED.

K. MULCH SHOULD BE PLACED WITHIN 24 HOURS OF SEEDING.

L. MULCHING OPERATIONS SHALL NOT TAKE PLACE DURING PERIODS OF EXCESSIVELY HIGH WINDS THAT WOULD PRECLUDE THE PROPER PLACEMENT OF MULCH.

M. MULCH THAT IS DISPLACED SHALL BE REAPPLIED AND PROPERLY ANCHORED. MAINTENANCE SHALL BE COMPLETED AS SOON AS POSSIBLE WITH CONSIDERATION TO SITE CONDITIONS.

N. WHEN CHANNEL EROSION MAT IS USED WITHIN CONSTRUCTION SITE DIVERSION AREAS, TECHNICAL STANDARDS 1053 AND 1066 SHALL BE FOLLOWED.

O. WHEN NON-CHANNEL EROSION MAT IS USED TECHNICAL STANDARD 1052 SHALL BE FOLLOWED.

P. DEPENDING ON DURATION OF CONSTRUCTION, THE CONTRACTOR MAY NEED TO RE-SEED AND RE-STABILIZE THE TOPSOIL STOCKPILE AS NECESSARY TO DISCOURAGE SEDIMENT AND EROSION.
- A COPY OF EROSION CONTROL INSPECTION REPORTS AND THE APPROVED EROSION CONTROL PLANS SHALL BE KEPT ON SITE.

7. CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL PRACTICES BY THE END OF EACH WORKDAY.

8. LOCAL ROADS SHALL BE CLEAN BY THE END OF EACH WORKDAY. CONTRACTOR SHALL HAVE LOCAL ROADS SWEPT WHERE SEDIMENT ACCUMULATES.

EROSION CONTROL OPERATION SEQUENCE + SCHEDULE

AFTER BIDS ARE RECEIVED AND A MASS GRADING CONTRACTOR IS SELECTED, A PRE-CONSTRUCTION MEETING SHALL TAKE PLACE WITH ALL RELEVANT PARTIES IN ATTENDANCE.

THE GENERAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING ALL SILT FENCES, SEEDING, EROSION MATTING, AND OTHER EROSION CONTROL MEASURES. GENERAL CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PRIOR TO COMMENCING GRADING, GRUBBING, OR OTHER LAND DISTURBING ACTIVITIES. EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND WITHIN 24 HOURS OF EVERY PRECIPITATION EVENT OF 1/8 INCH OR GREATER. IN ADDITION, THE ACTIVE CONTRACTOR SHALL CONDUCT DAILY INSPECTIONS AND DOCUMENT CONDITIONS AND REPAIRS MADE, ALONG WITH DATE, TIME OF INSPECTION, AND WEATHER CONDITIONS IN A DAILY LOG BOOK.

ALL REGULATORY PERMITS, PROJECT PLANS, AND INSPECTION LOGS SHALL BE KEPT ON SITE IN AN ACCESSIBLE LOCATION, SUCH AS A MAILBOX, AVAILABLE TO REGULATORY AGENCIES UPON REQUEST.

CONTRACTORS ARE TO MAINTAIN THE CONSTRUCTION SITE IN A NEAT AND TIDY MANNER FOR THE DURATION OF THE PROJECT.

THE TIMING AND SEQUENCE OF CONSTRUCTION IS SCHEDULED AS FOLLOWS:

- OBTAIN PLAN APPROVAL FROM THE _____, AND ALL APPLICABLE PERMITS, INCLUDING EROSION CONTROL PERMIT.
- CONSTRUCTION IS SCHEDULED TO BEGIN IN _____, DEPENDING ON WEATHER & GROUND CONDITIONS.
- A GRAVEL TRACKING PAD UNDERLAIN WITH WIDGOT TYPE R GEOTEXTILE FABRIC, ALONG WITH A TEMPORARY CULVERT IF NECESSARY, SHALL BE INSTALLED AS SHOWN ON THE PLANS. RE-GRADE EXISTING ROADWAY DITCH AS NECESSARY. IF INSTALLED, THE TEMPORARY CULVERT SHALL BE REMOVED AT END OF CONSTRUCTION ACTIVITIES. IF INDICATED ON PLANS, INSTALL CONSTRUCTION FENCE AND ANY TEMPORARY TRAFFIC CONTROLS.
- SILT FENCE, INLET FILTER PROTECTION, AND TRIANGULAR SILT DIKES SHALL BE INSTALLED AS SHOWN ON THE PLANS, AND INSPECTED PRIOR TO COMMENCING OF ANY LAND DISTURBING ACTIVITIES PER PROJECT PLANS AND DETAILS. SEDIMENT DEPOSITS WILL BE REMOVED FROM BEHIND THE SILT FENCE WHEN THEY REACH A DEPTH OF 1/2 FENCE HEIGHT.
- FOLLOWING INSTALLATION OF THE EROSION CONTROL MEASURES, CONSTRUCT THE STORM WATER POND TO FINISH GRADES WITH CLAY LINER PER PROJECT PLANS AND DETAILS. CONTRACTOR SHALL CONSTRUCT POND INLETS AND OUTLET STRUCTURE FOR USE DURING CONSTRUCTION (REFER TO DETAIL _____ ON SHEET _____ FOR ADDITIONAL INFORMATION). CONTRACTOR SHALL IMMEDIATELY STABILIZE THE POND BANKS, INLETS, AND OUTLET STRUCTURE.
- STORM WATER POND SHALL, AT A MINIMUM, BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 1/8 INCH OF RAIN OR MORE DURING A 24-HOUR PERIOD. SEDIMENT SHALL BE REMOVED TO MAINTAIN THE 2 FOOT DEPTH OF THE TREATMENT SURFACE AREA AS MEASURED FROM THE INVERT OF THE PRINCIPAL OUTLET. IF THE OUTLET BECOMES CLOGGED IT SHALL BE CLEANED TO RESTORE FLOW CAPACITY. SEDIMENT TO BE REMOVED AFTER CONSTRUCTION & SITE STABILIZATION IS COMPLETE.
- SITE DEMOLITION OF PAVEMENT, ETC. WILL OCCUR AFTER ALL EROSION CONTROL MEASURES ARE IN PLACE.
- CONSTRUCTION OF THE BUILDING, STARTING WITH THE FOUNDATION, WILL BEGIN IMMEDIATELY AFTER THE SITE DEMOLITION IS COMPLETE IN THE BUILDING PAD AREA.
- TOPSOIL STRIPPING AND ROUGH GRADING WILL FOLLOW. TOPSOIL STOCKPILES WILL BE LOCATED AS SHOWN ON THE PLANS AND BE STABILIZED WITHIN 7 DAYS OF LAY UP. STOCKPILES WILL BE USED FOR FINAL LANDSCAPING. REMAINING STOCKPILES WILL BE REMOVED FROM THE SITE.
- UTILITY INSTALLATION WILL OCCUR NEXT AND CONTINUE UNTIL ALL THE UTILITIES ARE INSTALLED.
- AFTER ROUGH GRADING IS COMPLETE IN HARD SURFACE AREAS SUCH AS ROADWAYS, PARKING LOTS, AND BUILDINGS, THE REQUIRED THICKNESS OF DENSE GRADED BASE COURSE, PER THE PROJECT PLANS AND DETAILS WILL BE APPLIED FOR STABILIZATION. AFTER ROUGH GRADING IS COMPLETE OUTSIDE OF HARD SURFACE AREAS, THE TOPSOIL WILL BE REAPPLIED AND THE LANDSCAPE CONTRACTOR WILL COMPLETE SEEDING/SODDING/FERTILIZING/MULCHING AND INSTALL EROSION MATTING AS PER APPROVED PLANS AND SPECIFICATIONS.
- FINAL SITE STABILIZATION IS ANTICIPATED FOLLOWING THE COMPLETION OF GRADING ACTIVITIES PER WDNR TECHNICAL STANDARD 1059. IF SITE STABILIZATION CANNOT BE COMPLETED BY OCTOBER 15, THEN THE USE OF ANIONIC POLYACRYLAMIDE CONFORMING TO WDNR TECHNICAL STANDARD 1050 SHALL BE USED. IN ADDITION, ALL SLOPES OF GREATER THAN 20% MUST ADHERE TO THE SCHEDULE IN TABLE 1 BELOW.
- AFTER ALL TOPSOIL HAS BEEN REAPPLIED AND STABILIZATION IS UNDERWAY, ROADWAY, PARKING LOT, AND SIDEWALK BASE MATERIAL WILL BE APPLIED PER PROJECT SPECIFICATIONS.
- THE GENERAL CONTRACTOR WILL REQUEST A FINAL INSPECTION BY THE CITY. UPON APPROVAL, ALL SILT FENCES, INLET FILTER PROTECTION, AND TRIANGULAR SILT DIKES SHALL BE REMOVED, AND ACCUMULATED SEDIMENT IN THE SEDIMENT BASIN/STORM WATER POND SHALL BE DREDGED AND PROPERLY DISPOSED OF. IN ADDITION, THE CONTRACTOR MUST ENSURE THAT THE STORM WATER POND IS RETURNED TO THE SLOPES AND GRADES SHOWN ON THE PROJECT PLANS AND DETAILS.
- IF REQUIRED, FINAL "AS-BUILT" SURVEYS ARE TO BE CONDUCTED BY THE OWNER AND FINAL DOCUMENTS FORWARDED TO THE CITY.
- BASE SOIL LEFT UNDISTURBED FOR 14 CALENDAR DAYS MUST BE TEMPORARILY STABILIZED PER WDNR TECHNICAL STANDARD 1059. BY OCTOBER 15, THE SITE SHALL BE STABILIZED PER NOTE 12 ABOVE.
- WE DO NOT ANTICIPATE THE NEED FOR WATERING WITH THIS CONSTRUCTION SCHEDULE, HOWEVER, IF ADEQUATE RAIN IS NOT EXPERIENCED WITHIN ONE WEEK AFTER INITIAL SEED GERMINATION AT ANY POINT DURING THE CONSTRUCTION PROCESS, WATER SHALL BE TRUCKED IN AND APPLIED ONCE PER WEEK.

IF CONSTRUCTION SCHEDULES SHOULD CHANGE SIGNIFICANTLY, THIS PLAN NARRATIVE WILL BE UPDATED AND RESUBMITTED BY THE GENERAL CONTRACTOR TO THE CITY AND WDNR.

DEWATERING PLAN

TO FACILITATE CONSTRUCTION AT THE PROJECT SITE, DEWATERING MAY TAKE PLACE BY THE SELECTED CONTRACTOR. CONTRACTOR TO FOLLOW THESE INSTRUCTIONS WHILE PERFORMING DEWATERING ACTIVITIES ON-SITE. IF DEWATERING IS TO TAKE PLACE AT THE SITE, IT WILL OCCUR BETWEEN STEPS 3 AND 14 OF THE EROSION CONTROL OPERATION SEQUENCE.

NOTE: THESE INSTRUCTIONS DO NOT APPLY TO WATER BEING DISCHARGED DIRECTLY TO GROUNDWATER OR KARST FEATURES OR WELL DEWATERING SYSTEMS. CONTRACTOR SHALL COORDINATE ACCORDINGLY FOR OTHER DEWATERING ACTIVITIES AS DEEMED NECESSARY WITH THE WDNR.

- THE CONTRACTOR SHALL ENSURE THAT THE DEWATERING PRACTICES CARRIED OUT MEET OR EXCEED WDNR TECHNICAL STANDARD NUMBER 1061.
- A PAN OR OTHER CONTAINMENT DEVICE SHALL BE PLACED UNDERNEATH THE PUMP TO CAPTURE ANY SPILLS, OILS, GASOLINE, ETC. SHALL NOT BE STORED WITHIN WETLANDS, NEAR THE STORMWATER POND, OR OTHER ON-SITE WATER AREAS.
- A TYPE 2 GEOTEXTILE BAG THAT IS NO SMALLER THAN 100 SQUARE FEET; HAS A MAXIMUM APPARENT OPENING SIZE OF 0.212 mm; HAS A GRAB TENSILE STRENGTH OF 300 LBS; MULLEN BURST OF 580 PSI; PERMEABILITY OF 0.2 CM/SEC; FABRIC HEIGHT OF 12 OZ SHALL BE USED. THE GEOTEXTILE BAG AREA AND DOWNGRADE FLOW AREA SHALL CONSIST OF VEGETATED AND UNDISTURBED SOILS.
- POLYMER APPROVED BY THE WDNR MEETING WDNR TECHNICAL STANDARD 1051 MAY BE USED IN COMBINATION WITH THE DEWATERING BAG IF THE DEWATERING BAG IS NOT DOING AN ADEQUATE JOB ALONE OF FILTERING SEDIMENTS. THE CONTRACTOR SHALL SUPPLY TOXICITY TESTING DATA TO THE WDNR BEFORE USE ON-SITE FOR WDNR APPROVAL. POLYMER SHALL NOT BE DIRECTLY APPLIED TO SURFACE WATER. CONTRACTOR SHALL OBTAIN THE MATERIAL SAFETY DATA SHEETS (MSDS) FOR THE SELECTED POLYMER, MANUFACTURER'S INFORMATION AND WDNR USE RESTRICTIONS (SEE TECHNICAL STANDARD 1051) AND KEEP ALL THIS INFORMATION ON-SITE. CONTRACTOR SHALL ADHERE TO MANUFACTURER AND WDNR'S APPLICATION RATES FOR THE POLYMER, WITH THE WDNR'S RATE TAKING PRECEDENCE. THE CONTRACTOR SHALL TAKE STEPS TO ENSURE THAT THE POLYMER IS NOT SPILLED. SPILL KITS SHALL BE KEPT ON SITE; THE MANUFACTURER'S RECOMMENDED CLEANUP PROCEDURES SHALL BE FOLLOWED IN THE EVENT OF A SPILL.
- A TARP MAY BE UTILIZED UNDERNEATH THE TYPE 2 GEOTEXTILE BAG AND JUST DOWN SLOPE OF THE BAG TO DISCOURAGE EROSION AND SCOUR.
- A FLOATING SUCTION HOSE OR OTHER FLOTATION METHOD SHALL BE UTILIZED WHEN PUMPING FROM AN AREA WITH STANDING WATER TO AVOID SUCKING SEDIMENT FROM GRADE.
- IF TURBID WATER IS LEAVING THE GEOTEXTILE BAG, THE CONTRACTOR SHALL SHUT OFF THE PUMP TO ALLOW SEDIMENTS TO SETTLE INTO THE BAG. CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S SPECIFICATIONS FOR DETERMINING THE SEDIMENT CAPACITY OF THE GEOTEXTILE BAG USING GOOD COMMON SENSE. SEDIMENT LEVELS CONTAINED IN THE BAG SHALL BE MONITORED TO MEASURE THE LOSS OF STORAGE CAPACITY OVER TIME. THE CONTRACTOR SHALL PROPERLY DISPOSE OF THE GEOTEXTILE BAG IN A WASTE RECEPTACLE ONCE IT IS NO LONGER USED.
- DURING DEWATERING ACTIVITIES THE CONTRACTOR SHALL MONITOR DEWATERING PRACTICES AND KEEP A LOG OF THE FOLLOWING:

A. DISCHARGE DURATION AND SPECIFIED PUMPING RATE.

B. OBSERVED WATER TABLE AT TIME OF DEWATERING.

C. MAINTENANCE ACTIVITIES

D. NAME AND QUANTITY OF POLYMER USED. PRODUCT TYPE, APPLICATION RATE OF POLYMER IN POUNDS/ACRE FEET OF WATER, DATE AND TIME APPLIED, WEATHER CONDITIONS DURING APPLICATION, METHOD OF APPLICATION.

- DISCHARGE DURATION AND SPECIFIED PUMPING RATE.
- OBSERVED WATER TABLE AT TIME OF DEWATERING.
- MAINTENANCE ACTIVITIES
- NAME AND QUANTITY OF POLYMER USED. PRODUCT TYPE, APPLICATION RATE OF POLYMER IN POUNDS/ACRE FEET OF WATER, DATE AND TIME APPLIED, WEATHER CONDITIONS DURING APPLICATION, METHOD OF APPLICATION.

THIS LOG NEEDS TO BE KEPT ON SITE FOR WDNR REGULATORY REVIEW. COPIES OF THIS DOCUMENTATION SHOULD BE KEPT IN THE CONTRACTOR'S MONITORING LOG AND MADE AVAILABLE UPON REQUEST.

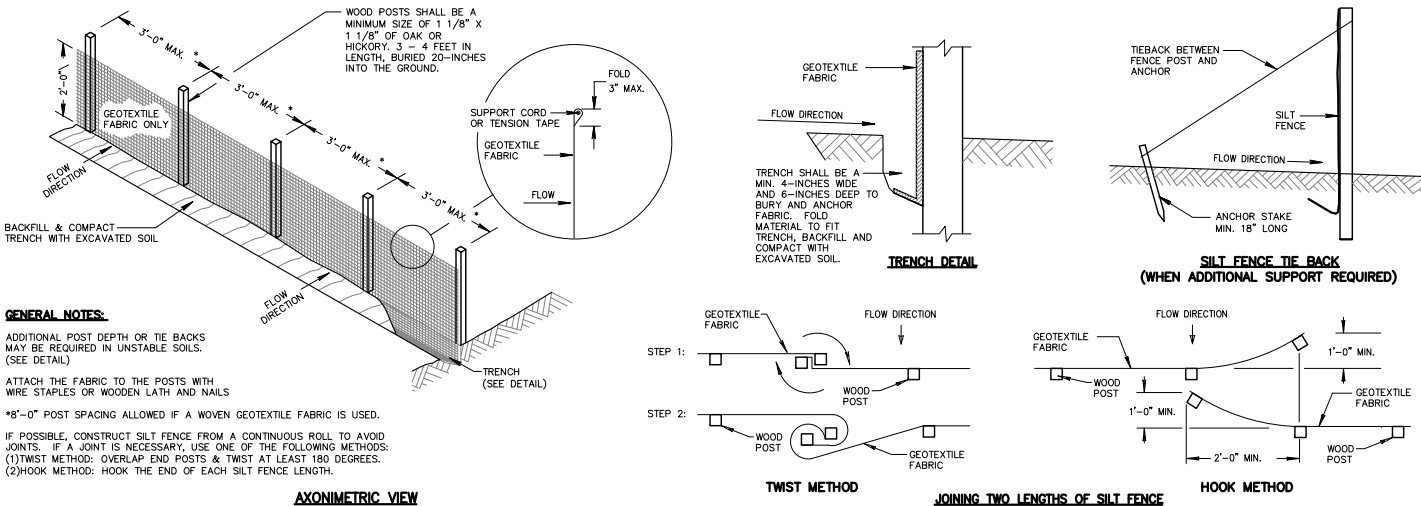
REVIEW THE FOLLOWING FOR MORE INFORMATION:

WDNR TECHNICAL STANDARD 1061 FOR DEWATERING - https://dnr.wis.gov/topic/stormwater/documents/Dewatering_1061.pdf

WDNR TECHNICAL STANDARD 1051 FOR POLYMER - <http://dnr.wis.gov/topic/stormwater/documents/gnr1051.pdf>

INSPECT ALL EROSION CONTROL MEASURES PRIOR TO COMMENCING GRADING, GRUBBING OR OTHER LAND DISTURBING ACTIVITIES. EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND WITHIN 24 HOURS OF EVERY PRECIPITATION EVENT OF 0.50 INCH OR GREATER. IN ADDITION THE CONTRACTOR SHALL CONDUCT DAILY INSPECTIONS AND DOCUMENT CONDITIONS AND REPAIRS MADE, ALONG WITH DATE, TIME OF INSPECTION AND WEATHER CONDITIONS IN A DAILY LOG BOOK. THE DAILY LOG BOOK, WEEKLY 0.50 INCH PRECIPITATION RECORDS, APPROVED PLANS, WDNR PERMIT & CHAPTER 30 PERMIT SHALL BE KEPT IN AN ACCESSIBLE LOCATION, LIKE A MAILBOX, WITHIN THE STAGING AREA.

AT ABSOLUTELY NO TIME MAY CONSTRUCTION EQUIPMENT, DEBRIS, FILL, ETC. BE PLACED WITHIN WETLANDS, WATERWAYS OR FLOODPLAINS UNLESS IDENTIFIED IN THE PLANS & APPROVED BY DNR/USACE.



GENERAL NOTES:

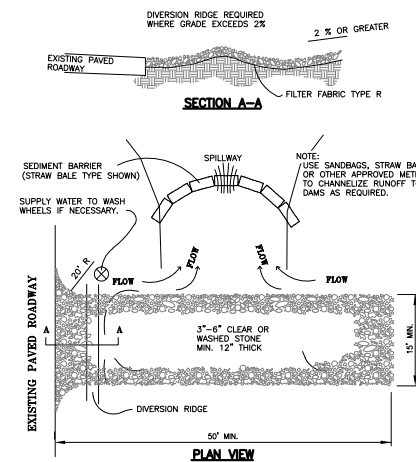
ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS. (SEE DETAIL)

ATTACH THE FABRIC TO THE POSTS WITH WIRE STAPLES OR WOODEN LATH AND NAILS

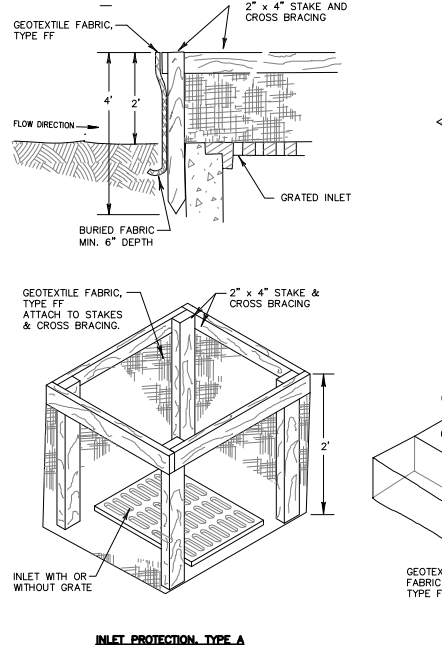
*8"-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

IF POSSIBLE, CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL TO AVOID JOINTS. IF A JOINT IS NECESSARY, USE ONE OF THE FOLLOWING METHODS:
(1)TWIST METHOD: OVERLAP END POSTS & TWIST AT LEAST 180 DEGREES.
(2)HOOK METHOD: HOOK THE END OF EACH SILT FENCE LENGTH.

AXONOMETRIC VIEW



2. STONE TRACKING CONSTRUCTION ENTRANCE



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.
- FINISHED SIZE SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL. SIDE FLAPS, WHEN REQUIRED SHALL BE A MIN. OF TWO INCHES LONG. FOLD THE FABRIC OVER AND REINFORCE WITH MULTIPLE STITCHES.

FOR INLET PROTECTION, TYPE C (WITH CURB BOX), FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2"x4". THE REBAR, STEEL PIPE, OR WOOD SHALL BE INSTALLED IN THE FLAP AND NOT BLOCK THE TOP HALF OF THE CURB BOX OPENING.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC A MINIMUM OF 10" AROUND GRATE FOR MAINTENANCE OR REMOVAL. THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEW FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

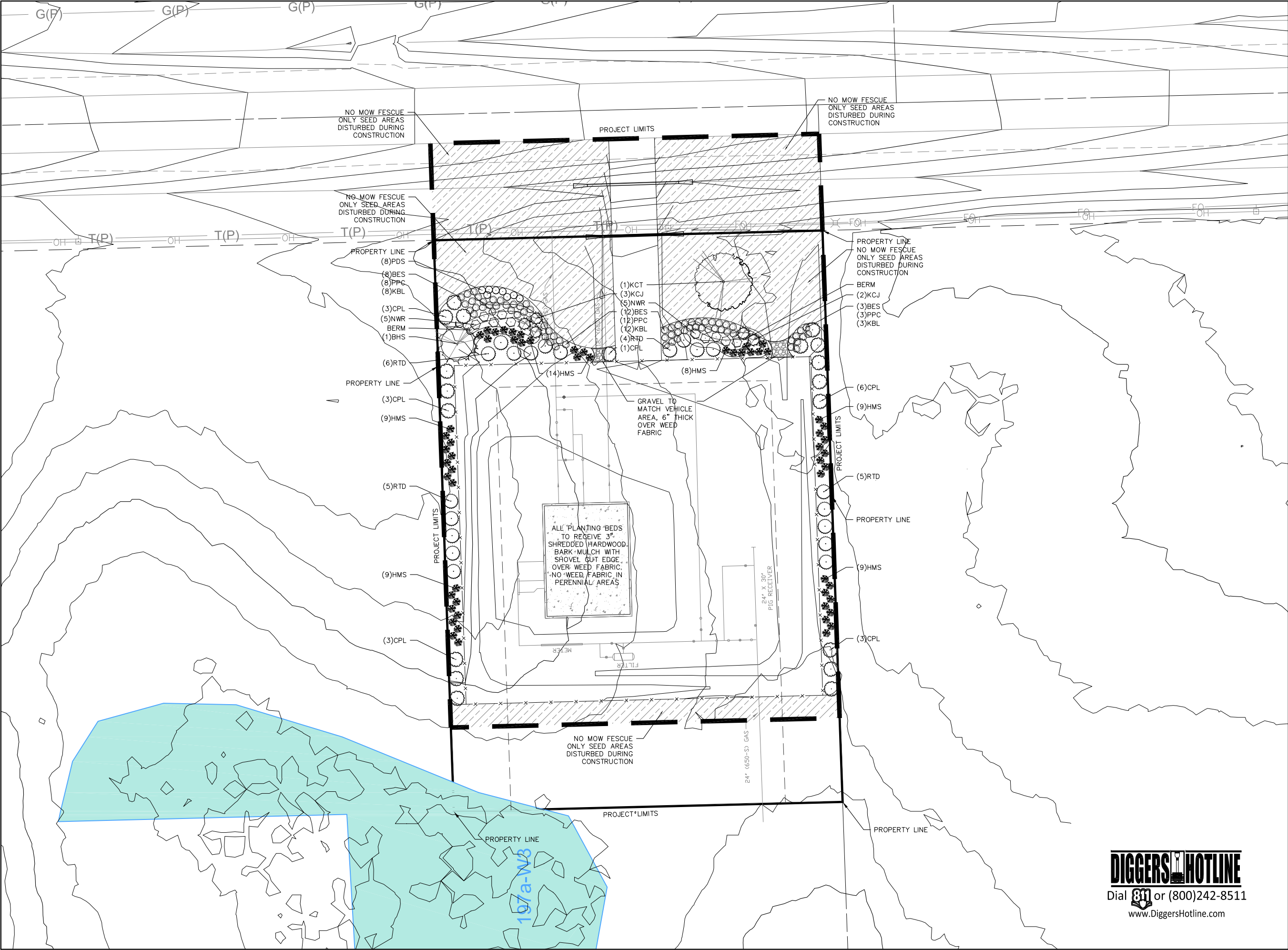
TYPE D


UTILIZE INLET PROTECTION TYPE D IN INLETS DEEPER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

WHERE NECESSARY THE CONTRACTOR MAY CINCH THE BAG, USING PLASTIC ZIP TIES, TO FIT INLETS LESS THAN 30" DEPTH. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

4. INLET PROTECTION DETAIL

N.T.S.






7711 N. Port Washington Road
Milwaukee, Wisconsin 53217
kapurinc.com

PROJECT:
WE ENERGIES
LAKESHORE H.P.
REGULATION
STATION


LOCATION:
WALAS SITE


CLIENT:



RELEASE:
PRELIMINARY

REVISIONS:

#	DATE	DESCRIPTION

NORTH ARROW:


SCALE: 1" = 40'



SEAL:


all in

SHEET:
SITE LANDSCAPE
PLAN

PROJECT MANAGER: LMN
PROJECT NUMBER: 18.0206.01
DATE: 04/03/2020

SHEET NUMBER:
L101



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

Plant Schedule

Scientific Name		Common Name	Quantity	Spacing	Install Size
Deciduous Trees					
KCT	Gymnocladus dioica	Kentucky Coffee Tree (MALE SPECIES)	1	Per Plan	2.5" caliper B&B
Evergreen Trees:					
BHS	Picea glauca var. densata	Black Hills Spruce	1	Per Plan	5' tall B&B
Evergreen Shrubs					
KCJ	Juniperus x pfitzeriana 'Kallay's Compact'	Kallay Compact Juniper	5	Per Plan	#5 cont.
Deciduous Shrubs					
CPL	Syringa vulgaris	Common Purple Lilac	19	Per Plan	3' B&B
NWR	Rosa rugosa 'Nearly Wild'	Nearly Wild Rose	10	Per Plan	#3 cont.
RTD	Cornus sericea	Red Twig Dogwood	20	Per Plan	3' B&B
Perennials					
BES	Rudbeckia hirta	Black Eyed Susan	23	Per Plan	#1 cont.
HMS	Panicum virgatum 'Heavy Metal'	Heavy Metal Switch Grass	58	Per Plan	#1 cont.
KBL	Liatris spicata 'Kobold'	Kobold Liatris	23	Per Plan	#1 cont.
PDS	Sporobolus heterolepus	Prairie Dropseed	8	Per Plan	#1 cont.
PPC	Heuchera 'Palace Purple'	Palace Purple Coral bell	23	Per Plan	#1 cont.
NOTE: Installation contractor is responsible for verifying plant count from plan. Plan quantities take precedence over list.					

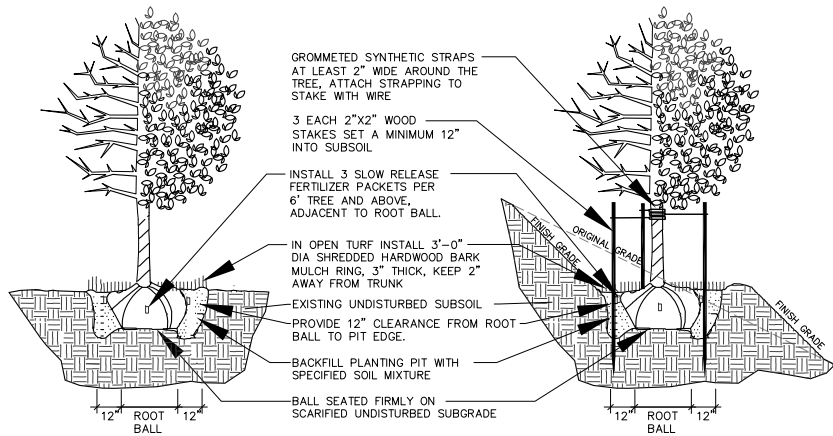
1 LANDSCAPE SCHEDULE

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

- ALL PLANT MATERIAL SHALL BE OBTAINED FROM A NURSERY LOCATED IN ZONE 5, CONFORM TO APPLICABLE REQUIREMENTS OF THE CURRENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, AND BOTANICAL NAMES SHALL BE ACCORDING TO THE CURRENT EDITION OF "STANDARDIZED PLANT NAMES PREPARED BY THE AMERICAN JOINT COMMITTEE ON HORTICULTURE NOMENCLATURE.
- CONTRACTOR TO PROVIDE TO THE LANDSCAPE ARCHITECT SAMPLES OF ALL BARK MULCHES FOR APPROVAL PRIOR TO INSTALLATION.
- BARK MULCH TO BE FRESHLY ACQUIRED HARDWOOD SHREDDED BARK MULCH. NOT DOUBLE MILLED, EXCESSIVE DIRT AND DUST LIKE MATERIAL OR OLD MATERIAL IS NOT ACCEPTABLE.
- ALL PLANTING AREAS TO RECEIVE A 3-INCH THICK LAYER OF HARDWOOD SHREDDED BARK MULCH OVER TYPAR WEED FABRIC WITH SHOVEL CUT EDGE. NO WEED FABRIC IN PERENNIAL AREAS. REFER TO SPECIFICATION 32 93 00 PLANTS FOR ADDITIONAL INFORMATION.
- INSTALL SHOVEL CUT EDGE AROUND ALL INDIVIDUAL TREES AND SHRUBS IN LAWN AREAS AND ALONG PAVEMENT WHERE PLANTING AREAS ABUT TO PREVENT HARDWOOD SHREDDED BARK MULCH FROM SPILLING OUT OF PLANTING AREA.
- CONTRACTOR RESPONSIBLE FOR MAINTENANCE OF PLANT MATERIAL FOR 90 DAYS FROM INSTALLATION, INCLUDING WATERING, WEEDING, ETC. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF SEEDED AREAS FOR 60 DAYS FROM INSTALLATION, INCLUDING WATERING, WEEDING, ETC. CONTRACTOR TO PROVIDE AND REVIEW MAINTENANCE INSTRUCTIONS WITH THE OWNER PRIOR TO THE COMPLETION OF THESE MAINTENANCE PERIODS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- CLEANLY PRUNE AND REMOVE DAMAGED BRANCHES, DEAD WOOD, AND ROOTS IMMEDIATELY PRIOR TO PLANTING. DO NOT CUT LEADERS OR LEAVE "V" CROTCHES OR DOUBLE LEADERS UNLESS A MULTI-STEM TREE IS SPECIFIED.
- REMOVE BURLAP, WIRE BASKET, ROPE, TWINE, AND ALL SYNTHETIC MATERIAL FROM THE ROOTS, TRUNK, OR CROWN OF PLANT.
- REMOVE EXCESS SOIL ABOVE ROOT COLLAR.
- PLANT TREES AND SHRUBS SO THAT THE ROOT COLLAR IS 2" ABOVE FINISHED GRADE OR SEVERAL INCHES ABOVE GRADE IF PLANT IS INSTALLED IN POOR SOILS.
- PLANT TREES AND SHRUBS WITH SAME ORIENTATION AS WHEN HARVESTED FROM THE NURSERY OR TO SHOWCASE THE MOST AESTHETIC VIEW.
- PLANT ALL TREES WITH THREE SLOW RELEASE FERTILIZER PACKETS, SPACED EQUIDISTANT AROUND THE EDGE OF THE ROOT BALL.
- PLANT ALL SHRUBS WITH ONE SLOW RELEASE FERTILIZER PACKET, PLACED BELOW THE ROOTING SYSTEM.
- WATER AND TAMP BACKFILL AND ROOTS OF ALL NEWLY SET PLANT MATERIAL SO THE SOIL AND ROOTS ARE THOROUGHLY SOAKED AND AIR POCKETS ARE REMOVED.
- FOR INDIVIDUAL TREES & SHRUBS PLANTED IN TURF AREAS, PROVIDE CONTINUOUS 3" SOIL SAUCER TO CONTAIN WATER & MULCH (TREES ON SLOPES SHALL BE SAUCERED ON THE DOWNHILL SIDE)
- INSTALL 3" THICK SHREDDED HARDWOOD BARK MULCH RING 3'-0" DIA. FOR DECIDUOUS TREES AND ALL INDIVIDUAL SHRUBS IN LAWN AREAS, 5'-0" DIA. FOR EVERGREEN TREES. KEEP MULCH 2" AWAY FROM TRUNKS.
- STAKING – ONLY STAKE EVERGREEN TREES 5'-0" OR GREATER IN HEIGHT OR TREES THAT ARE UNABLE TO REMAIN UPRIGHT AFTER PLANTING. TREES WILL BECOME STRONGER FASTER WHEN THE TOP 2/3 OF THE TREE IS FREE TO SWAY. DO NOT ATTACH WIRE DIRECTLY TO TREES OR THROUGH HOSES – UTILIZE GROMMETED, SYNTHETIC STRAPS AT LEAST 2" WIDE AROUND THE TREE, ATTACH STRAPPING TO STAKE WITH WIRE. STAKE ONLY WHEN NECESSARY. STAKES SHOULD BE DRIVEN DEEPLY INTO THE GROUND TO PREVENT DISLODGING. CHECK AT LEAST EVERY THREE MONTHS FOR BINDING OR OTHER PROBLEMS. STAKES AND TIES SHOULD BE REMOVED SIX MONTHS TO ONE YEAR AFTER PLANTING.
- NO MOW TO BE NO MOW FESCUE SEED MIX WITH ANNUAL RYE NURSE CROP FROM PRAIRIE NURSERY, INC. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. PRAIRIE NURSERY ADDRESS: PO BOX 306 WESTFIELD, WI 53964. TELEPHONE: 1-800-476-9453 FAX: 608-296-2741.
- REFER TO SPECIFICATIONS 32 93 00 PLANTS AND 32 92 00 TURF AND GRASSES FOR ADDITIONAL INFORMATION.

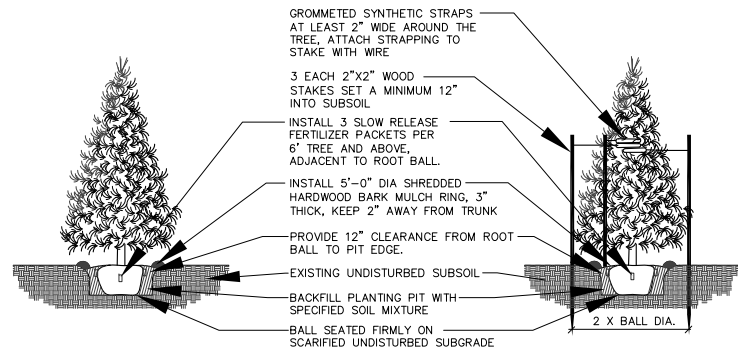
2 LANDSCAPE NOTES

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION



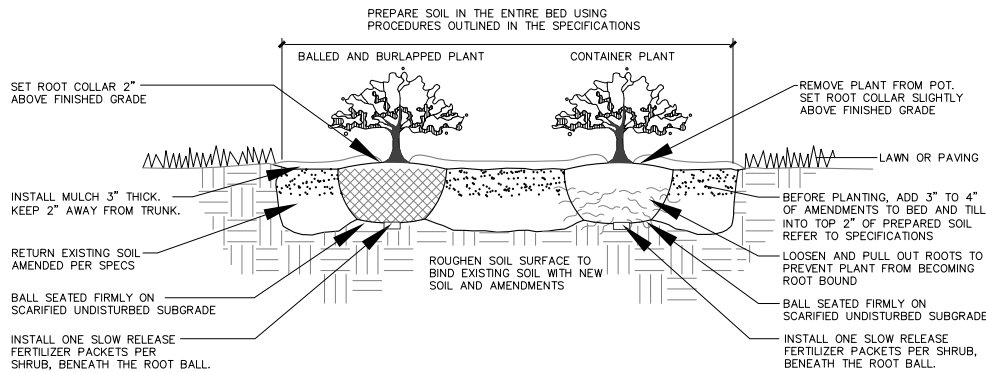
3 DECIDUOUS TREE PLANTING, STAKING, & PLANTING ON A SLOPE

N.T.S.



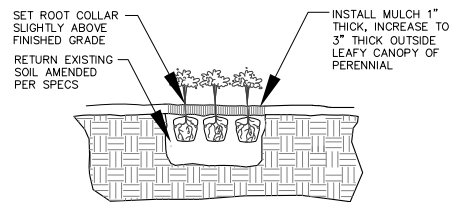
4 EVERGREEN TREE PLANTING & STAKING

N.T.S.



5 DECIDUOUS & EVERGREEN SHRUB PLANTING

N.T.S.



6 PERENNIAL PLANTING

N.T.S.

PROJECT:
WE ENERGIES
LAKESHORE H.P.
REGULATION
STATION

LOCATION:
WALAS SITE

CLIENT:

we energies **we**

RELEASE:
PRELIMINARY

#	DATE	DESCRIPTION

SEAL:

all in

SHEET:
SITE LANDSCAPE
DETAILS

PROJECT MANAGER:	LWN
PROJECT NUMBER:	19.0206.01
DATE:	04/03/2020

SHEET NUMBER:
L201