



DEPARTMENT OF THE ARMY  
U.S. ARMY CORPS OF ENGINEERS, ST. PAUL DISTRICT  
ST. PAUL DISTRICT OFFICE  
332 MINNESOTA STREET SUITE E1500  
ST. PAUL MINNESOTA 55101

MVP-R

July 30, 2025

MEMORANDUM FOR RECORD

SUBJECT: US Army Corps of Engineers (Corps) Approved Jurisdictional Determination in accordance with the "Revised Definition of 'Waters of the United States'"; (88 FR 3004 (January 18, 2023) as amended by the "Revised Definition of 'Waters of the United States'; Conforming" (8 September 2023),<sup>1</sup> MVP-2022-01197-RJH (MFR 1 of 1)<sup>2</sup>

BACKGROUND. An Approved Jurisdictional Determination (AJD) is a Corps document stating the presence or absence of waters of the United States on a parcel or a written statement and map identifying the limits of waters of the United States on a parcel. AJDs are clearly designated appealable actions and will include a basis of JD with the document.<sup>3</sup> AJDs are case-specific and are typically made in response to a request. AJDs are valid for a period of five years unless new information warrants revision of the determination before the expiration date or a District Engineer has identified, after public notice and comment, that specific geographic areas with rapidly changing environmental conditions merit re-verification on a more frequent basis.<sup>4</sup>

On January 18, 2023, the Environmental Protection Agency (EPA) and the Department of the Army ("the agencies") published the "Revised Definition of 'Waters of the United States,'" 88 FR 3004 (January 18, 2023) ("2023 Rule"). On September 8, 2023, the agencies published the "Revised Definition of 'Waters of the United States'; Conforming", which amended the 2023 Rule to conform to the 2023 Supreme Court decision in *Sackett v. EPA*, 598 U.S., 143 S. Ct. 1322 (2023) ("*Sackett*").

This Memorandum for Record (MFR) constitutes the basis of jurisdiction for a Corps AJD as defined in 33 CFR §331.2. For the purposes of this AJD, we have relied on Section 10 of the Rivers and Harbors Act of 1899 (RHA),<sup>5</sup> the 2023 Rule as amended,

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<sup>1</sup> While the Revised Definition of "Waters of the United States"; Conforming had no effect on some categories of waters covered under the CWA, and no effect on any waters covered under RHA, all categories are included in this Memorandum for Record for efficiency.

<sup>2</sup> When documenting aquatic resources within the review area that are jurisdictional under the Clean Water Act (CWA), use an additional MFR and group the aquatic resources on each MFR based on the TNW, the territorial seas, or interstate water that they are connected to. Be sure to provide an identifier to indicate when there are multiple MFRs associated with a single AJD request (i.e., number them 1, 2, 3, etc.).

<sup>3</sup> 33 CFR 331.2.

<sup>4</sup> Regulatory Guidance Letter 05-02.

<sup>5</sup> USACE has authority under both Section 9 and Section 10 of the Rivers and Harbors Act of 1899 but for convenience, in this MFR, jurisdiction under RHA will be referred to as Section 10.

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as well as other applicable guidance, relevant case law, and longstanding practice in evaluating jurisdiction.

## 1. SUMMARY OF CONCLUSIONS.

- a. Provide a list of each individual feature within the review area and the jurisdictional status of each one (i.e., identify whether each feature is/is not a water of the United States and/or a navigable water of the United States).

- [Wetland 7, \(9,572 square feet\)- non-jurisdictional](#)

## 2. REFERENCES.

- a. "Revised Definition of 'Waters of the United States,'" 88 FR 3004 (January 18, 2023) ("2023 Rule")
- b. "Revised Definition of 'Waters of the United States'; Conforming" 88 FR 61964 (September 8, 2023))
- c. *Sackett v. EPA*, 598 U.S. 651, 143 S. Ct. 1322 (2023)
- d. "Memorandum To The Field Between The U.S. Department Of The Army, U.S. Army Corps Of Engineers And The U.S. Environmental Protection Agency Concerning The Proper Implementation Of 'Continuous Surface Connection' Under The Definition Of "Waters Of The United States" Under The Clean Water Act" (March 12, 2025)

## 3. REVIEW AREA.

- a. Project Area Size (in acres): 3.26
- b. Location Description: The project/review area is located in Section 25, Township 002N, Range 021E, Kenosha County, Wisconsin.
- c. Center Coordinates of the Project Site (in decimal degrees)  
Latitude: 42.598936 Longitude: -87.962445
- d. Nearest City or Town: Kenosha
- e. County: Kenosha
- f. State: Wisconsin
- g. Other associated Jurisdictional Determinations (including outcomes):
  - i. AJD previously issued 9/30/2022 for W1, W2, W4, W5, AW-1, AW-1A, W-3A, W-3B, and W-3C under Rapanos Guidance: Non-jurisdictional
  - ii. AJD previously issued 3/7/2025 for Swale 1 under Amended 2023 Rule: Non-jurisdictional

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4. NEAREST TRADITIONAL NAVIGABLE WATER (TNW), THE TERRITORIAL SEAS, OR INTERSTATE WATER TO WHICH THE AQUATIC RESOURCE IS CONNECTED. [NA.]<sup>6</sup>
5. FLOWPATH FROM THE SUBJECT AQUATIC RESOURCES TO A TNW, THE TERRITORIAL SEAS, OR INTERSTATE WATER. [NA.]
6. SECTION 10 JURISDICTIONAL WATERS<sup>7</sup>: Describe aquatic resources or other features within the review area determined to be jurisdictional in accordance with Section 10 of the Rivers and Harbors Act of 1899. Include the size of each aquatic resource or other feature within the review area and how it was determined to be jurisdictional in accordance with Section 10.<sup>8</sup>  
N/A
7. SECTION 404 JURISDICTIONAL WATERS: Describe the aquatic resources within the review area that were found to meet the definition of waters of the United States in accordance with the 2023 Rule as amended, consistent with the Supreme Court's decision in *Sackett*. List each aquatic resource separately, by name, consistent with the naming convention used in section 1, above. Include a rationale for each aquatic resource, supporting that the aquatic resource meets the relevant category of "waters of the United States" in the 2023 Rule as amended. The rationale should also include a written description of, or reference to a map in the administrative record that shows, the lateral limits of jurisdiction for each aquatic resource, including how that limit was determined, and incorporate relevant references used. Include the size of each aquatic resource in acres or linear feet and attach and reference related figures as needed.
  - a. Traditional Navigable Waters (TNWs) (a)(1)(i): N/A

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<sup>6</sup> This MFR should not be used to complete a new stand-alone TNW determination. A stand-alone TNW determination for a water that is not subject to Section 9 or 10 of the Rivers and Harbors Act of 1899 (RHA) is completed independently of a request for an AJD. A stand-alone TNW determination is conducted for a specific segment of river or stream or other type of waterbody, such as a lake, where upstream or downstream limits or lake borders are established.

<sup>7</sup> 33 CFR 329.9(a) A waterbody which was navigable in its natural or improved state, or which was susceptible of reasonable improvement (as discussed in § 329.8(b) of this part) retains its character as "navigable in law" even though it is not presently used for commerce, or is presently incapable of such use because of changed conditions or the presence of obstructions.

<sup>8</sup> This MFR is not to be used to make a report of findings to support a determination that the water is a navigable water of the United States. The district must follow the procedures outlined in 33 CFR part 329.14 to make a determination that water is a navigable water of the United States subject to Section 10 of the RHA.

- b. The Territorial Seas (a)(1)(ii): N/A
- c. Interstate Waters (a)(1)(iii): N/A
- d. Impoundments (a)(2): N/A
- e. Tributaries (a)(3): N/A
- f. Adjacent Wetlands (a)(4): N/A
- g. Additional Waters (a)(5): N/A

## 8. NON-JURISDICTIONAL AQUATIC RESOURCES AND FEATURES

- a. Describe aquatic resources and other features within the review area identified in the 2023 Rule as amended as not “waters of the United States” even where they otherwise meet the terms of paragraphs (a)(2) through (5). Include the type of excluded aquatic resource or feature, the size of the aquatic resource or feature within the review area and describe how it was determined to meet one of the exclusions listed in 33 CFR 328.3(b).<sup>9</sup> [N/A]
- b. Describe aquatic resources and features within the review area that were determined to be non-jurisdictional because they do not meet one or more categories of waters of the United States under the 2023 Rule as amended (e.g., tributaries that are non-relatively permanent waters; non-tidal wetlands that do not have a continuous surface connection to a jurisdictional water).

We have reviewed and evaluated the historical photography, Google Earth photography, soil mapping, and the information submitted by the applicant for the following wetlands:

- o Wetland 7, (9,572 square feet)

Wetland 7 is farmed wet meadow wetland located within an agricultural field along the west side of 128<sup>th</sup> Ave. A review of the Digital Elevation Model (DEM) data, LiDAR imagery, and aerial photography indicates that Wetland 7 does extend into the ROW ditch. The roadside ditch adjacent to Wetland 7 is an artificial feature constructed for stormwater conveyance within the road right-of-way. It conveys water only in direct response to precipitation and localized runoff and does not exhibit perennial or seasonal flow, ordinary high

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<sup>9</sup> 88 FR 3004 (January 18, 2023)

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water marks, or other indicators of a relatively permanent water. In accordance with current WOTUS guidance and the U.S. Supreme Court decision in *Sackett v. EPA* (2023), manmade features such as roadside ditches cannot serve as a continuous surface connection between wetlands and relatively permanent waters. Although Wetland 7 extends into the ditch, this feature does not create a jurisdictional connection to any relatively permanent water. Based on the change of elevation and the boundaries depicted in the wetland delineation report, we have determined that Wetland 7 transition into uplands along the north, east, and west boundaries and is not adjacent to a relatively permanent water (RPW). Wetland 7 is located approximately 511 linear feet from an unnamed tributary to the Kilborn Road Ditch, which is classified as a perennial water.

Wetland 7 is not a traditionally navigable waters (TNWs), territorial seas, or interstate waters, and does not meet the criteria for (a)(1) waters. Wetland 7 does not physically abut the unnamed tributary to Lake Winnebago, is not located within a paragraph (a)(2) impoundment, and is not adjacent to a jurisdictional (a)(3) tributary. As non-tidal wetlands that do not meet the definition of “adjacent,” Wetland 7 cannot be evaluated under paragraph (a)(4). Therefore, under the 2023 Revised Definition of “Waters of the United States” (Conforming Rule, 88 FR 61964), Wetlands 7 is not considered jurisdictional.

9. DATA SOURCES. List sources of data/information used in making determination. Include titles and dates of sources used and ensure that information referenced is available in the administrative record.
  - a. [Office evaluation conducted 23 July 2025]
  - b. [National Regulatory Viewer – USA Soils Hydric Class layer, National Wetland Inventory layer, Hillshade layer and DEM layer accessed on 23 July 2025.]
  - c. [Wetland Delineation Report, submitted by Heartland Ecological Group Inc dated July 2022 (Revised May 2024)]
  - d. [Google Earth Aerial Photography]
10. OTHER SUPPORTING INFORMATION. [N/A]
11. NOTE: The structure and format of this MFR were developed in coordination with the EPA and Department of the Army. The MFR’s structure and format may be subject to future modification or may be rescinded as needed to implement

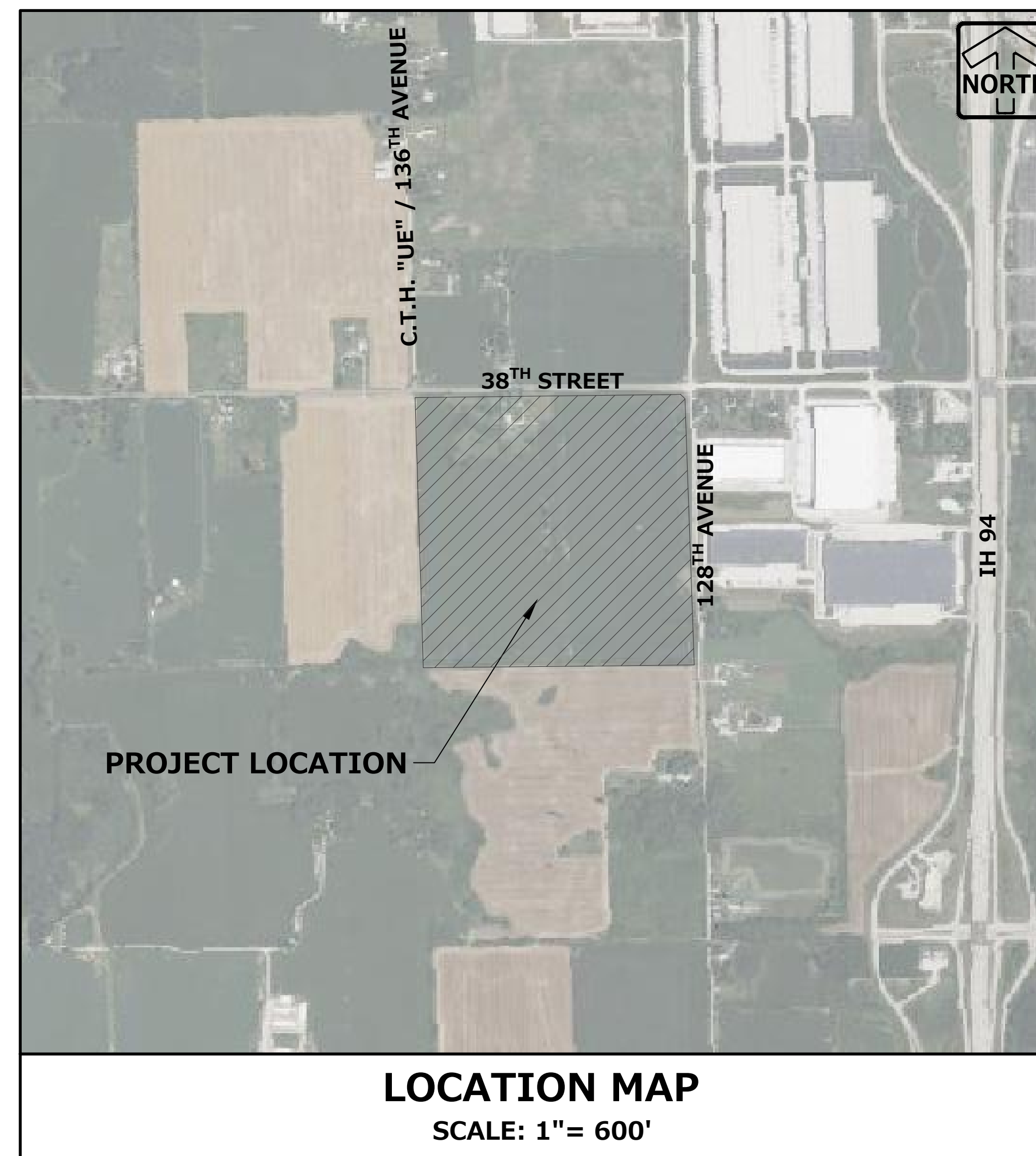
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additional guidance from the agencies; however, the approved jurisdictional determination described herein is a final agency action.

# MASS GRADING & STORMWATER POND PLANS FOR ULINE WS & WR DISTRIBUTION FACILITY MASS GRADING

KENOSHA, WI  
PLANS PREPARED FOR  
**38TH STREET, LLC**  
12575 ULINE DRIVE  
PLEASANT PRAIRIE, WI 53158



LEGEND	
EXISTING	PROPOSED
SANITARY MANHOLE	⊙
STORM MANHOLE	⊙
CATCH BASIN	⊙
INLET	⊙
PRECAST FLARED END SECTION	⊙
CONCRETE HEADWALL	⊙
VALVE VAULT	⊙
VALVE BOX	⊙
FIRE HYDRANT	⊙
BUFFALO BOX	⊙
CLEANOUT	⊙
SANITARY SEWER	—
FORCE MAIN	—
STORM SEWER	—
WATER MAIN	—
UTILITY CROSSING	—
GRANULAR TRENCH BACKFILL	—
LIGHTING	—
ELECTRICAL CABLE	—
ELECTRICAL TRANSFORMER OR PEDESTAL	—
POWER POLE	—
POWER POLE WITH LIGHT	—
GUY WIRE	—
STREET SIGN	—
GAS MAIN	—
TELEPHONE LINE	—
CONTOUR	—
SPOT ELEVATION	—
WETLANDS	—
FLOODWAY	—
FLOODPLAIN	—
HIGH WATER LEVEL (HWL)	—
NORMAL WATER LEVEL (NWL)	—
DIRECTION OF SURFACE FLOW	—
DITCH OR SWALE	—
DIVERSION SWALE	—
OVERFLOW RELIEF ROUTING	—
TREE WITH TRUNK SIZE	—
SOIL BORING	—
TOPSOIL PROBE	—
FENCE LINE, TEMPORARY SILT	—
FENCE LINE, WIRE	—
FENCE LINE, CHAIN LINK OR IRON	—
FENCE LINE, WOOD OR PLASTIC	—
CONCRETE SIDEWALK	—
CURB AND GUTTER	—
DEPRESSED CURB	—
REVERSE PITCH CURB & GUTTER	—
EASEMENT LINE	—
PROPERTY LINE	—

ABBREVIATIONS			
BL	BASE LINE	NSI	NATIVE SOIL INTERFACE
C	LONG CHORD OF CURVE	NWL	NORMAL WATER LEVEL
C & G	CURB AND GUTTER	PC	POINT OF CURVATURE
CB	CATCH BASIN	PT	POINT OF TANGENCY
CL	CENTERLINE	PVI	POINT OF VERTICAL INTERSECTION
D	DEGREE OF CURVE	R	RADIUS
EP	EDGE OF PAVEMENT	ROW	RIGHT-OF-WAY
FF	FINISHED FLOOR	SAN	SANITARY SEWER
FG	FINISHED GRADE	ST	STORM SEWER
FL	FLOW LINE	T	TANGENCY OF CURVE
FP	FLOODPLAIN	TB	TOP OF BANK
FR	FRAME	TC	TOP OF CURB
FW	FLOODWAY	TF	TOP OF FOUNDATION
HWL	HIGH WATER LEVEL	TS	TOP OF SIDEWALK
INV	INVERT	TW	TOP OF WALK
L	LENGTH OF CURVE	WM	WATER MAIN
MH	MANHOLE	Δ	INTERSECTION ANGLE

BENCHMARKS	
	BENCHMARK #1: CONCRETE MONUMENT WITH BRASS CAP ELEVATION: 752.60
	VERTICAL DATUM: NGVD 29 HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1927

GENERAL NOTES	
1. THE INTENTION OF THE PLANS AND SPECIFICATIONS IS TO SET FORTH PERFORMANCE AND CONSTRUCTION MATERIAL STANDARDS FOR THE PROPER EXECUTION OF WORK. ALL WORKS CONTAINED WITHIN THE PLANS AND SPECIFICATIONS SHALL BE COMPLETED IN ACCORDANCE WITH ALL REQUIREMENTS FROM LOCAL, STATE, FEDERAL OR OTHER GOVERNING AGENCY'S LAWS, REGULATIONS, JURISDICTIONAL ORDINANCES/CODES/RULES/ETC., AND THE OWNER'S DIRECTION.	8. COMMENCEMENT OF CONSTRUCTION SHALL EXPLICITLY CONFIRM THAT THE CONTRACTOR HAS REVIEWED THE PLANS AND SPECIFICATIONS IN ENTIRETY AND CERTIFIES THAT THEIR SUBMITTED BID PROPOSAL CONTAINS PROVISIONS TO COMPLETE THE PROJECT, WITH THE EXCEPTION OF UNFORESEEN FIELD CONDITIONS; ALL APPLICABLE PERMITS HAVE BEEN OBTAINED; AND CONTRACTOR UNDERSTANDS ALL OF THE REQUIREMENTS OF THE PROJECT.
2. A GEOTECHNICAL REPORT HAS NOT BEEN PREPARED FOR THIS SITE. THE DATA ON SUB-SURFACE SOIL CONDITIONS IS NOT INTENDED AS A REPRESENTATION OR WARRANTY OF THE CONTINUITY OF SUCH CONDITIONS BETWEEN BORINGS OR INDICATED SAMPLING LOCATIONS. IT SHALL BE EXPRESSLY UNDERSTOOD THAT OWNER WILL NOT BE RESPONSIBLE FOR ANY INTERPRETATIONS OR CONCLUSIONS DRAWN THERE FROM BY THE CONTRACTOR. DATA IS MADE AVAILABLE FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING ANY ADDITIONAL SOILS INVESTIGATIONS THEY FEEL IS NECESSARY FOR THE PROPER EVALUATION OF THE SITE FOR PURPOSES OF PLANNING, BIDDING, OR CONSTRUCTING THE PROJECT AT NO ADDITIONAL COST TO THE OWNER.	9. SHOULD ANY DISCREPANCIES OR CONFLICTS IN THE PLANS OR SPECIFICATIONS BE DISCOVERED AFTER THE AWARD OF CONTRACT, ENGINEER SHALL BE NOTIFIED IN WRITING IMMEDIATELY AND CONSTRUCTION OF ITEMS AFFECTED BY THE DISCREPANCIES/CONFLICTS SHALL NOT COMMENCE, OR CONTINUE, UNTIL A WRITTEN RESPONSE FROM ENGINEER/OWNER IS DISTRIBUTED. IN THE EVENT OF A CONFLICT BETWEEN REFERENCED CODES, STANDARDS, SPECIFICATIONS AND PLANS, THE ONE ESTABLISHING THE MOST STRINGENT REQUIREMENTS SHALL BE FOLLOWED.
3. THE CONTRACTOR IS RESPONSIBLE TO REVIEW AND UNDERSTAND ALL COMPONENTS OF THE PLANS AND SPECIFICATIONS, INCLUDING FIELD VERIFYING SOIL CONDITIONS, PRIOR TO SUBMISSION OF A BID PROPOSAL.	10. THE CONTRACTOR SHALL, AT ITS OWN EXPENSE, OBTAIN ALL NECESSARY PERMITS AND LICENSES TO COMPLETE THE PROJECT, OBTAINING PERMITS, OR DELAYS, IS NOT CAUSE FOR DELAY OF THE CONTRACT OR SCHEDULE. CONTRACTOR SHALL COMPLY WITH ALL PERMIT REQUIREMENTS.
4. THE CONTRACTOR SHALL PROMPTLY REPORT ANY ERRORS OR AMBIGUITIES LEARNED AS PART OF THEIR REVIEW OF PLANS, SPECIFICATIONS, REPORTS AND FIELD INVESTIGATIONS.	11. THE CONTRACTOR SHALL NOTIFY ALL INTERESTED GOVERNING AGENCIES, UTILITY COMPANIES AFFECTED BY THIS CONSTRUCTION PROJECT, AND DIGGER'S HOTLINE IN ADVANCE OF CONSTRUCTION TO COMPLY WITH ALL JURISDICTIONAL ORDINANCES/CODES/RULES/ETC., PERMIT STIPULATIONS, AND OTHER APPLICABLE STANDARDS.
5. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE COMPUTATION OF QUANTITIES AND WORK REQUIRED TO COMPLETE THIS PROJECT. THE CONTRACTOR'S BID SHALL BE BASED ON ITS OWN COMPUTATIONS AND IN NO SUCH INSTANCE RELY ON THE ENGINEER'S ESTIMATE.	12. SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE TO INITIATE, INSTITUTE, ENFORCE, MAINTAIN, AND SUPERVISE ALL SAFETY PRECAUTIONS AND JOB SITE SAFETY PROGRAMS IN CONNECTION WITH THE WORK.
6. QUESTIONS/CLEARIFICATIONS WILL BE INTERPRETED BY ENGINEER/OWNER PRIOR TO THE AWARD OF CONTRACT. ENGINEER/OWNER WILL SUBMIT OFFICIAL RESPONSES IN WRITING. INTERPRETATIONS PRESENTED IN OFFICIAL RESPONSES SHALL BE BINDING ON ALL PARTIES ASSOCIATED WITH THE CONTRACT. IN NO WAY SHALL WORD-OF-MOUTH DIALOG CONSTITUTE AN OFFICIAL RESPONSE.	13. CONTRACTOR SHALL KEEP THE JOBSITE CLEAN AND ORDERLY AT ALL TIMES. ALL LOCATIONS OF THE SITE SHALL BE KEPT IN A WORKING MANNER SUCH THAT DEBRIS IS REMOVED CONTINUOUSLY AND ALL RESPECTIVE CONTRACTORS OPERATE UNDER GENERAL "GOOD HOUSEKEEPING."
7. PRIOR TO START OF WORK, CONTRACTOR SHALL BE COMPLETELY FAMILIAR WITH ALL CONDITIONS OF THE SITE, AND SHALL ACCOUNT FOR CONDITIONS THAT AFFECT, OR MAY AFFECT CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, LIMITATIONS OF WORK ACCESS, SPACE LIMITATIONS, OVERHEAD OBSTRUCTIONS, TRAFFIC PATTERNS, LOCAL REQUIREMENTS, ADJACENT ACTIVITIES, ETC. FAILURE TO CONSIDER SITE CONDITIONS SHALL NOT BE CAUSE FOR CLAIM OF JOB EXTRAS.	14. THE CONTRACTOR SHALL INDEMNIFY THE CITY, CITY ENGINEER, CITY BUILDING INSPECTOR, OWNER, ENGINEER, AND THEIR AGENTS FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, AND TESTING OF THE WORK ON THIS PROJECT.
	15. PRIOR TO CONSTRUCTION, A PRECONSTRUCTION MEETING MUST BE HELD AT THE CITY OFFICES. THE PRECONSTRUCTION MEETING SHALL BE SCHEDULED AND MODERATED BY THE DESIGN ENGINEER OF RECORD.

INDEX OF SHEETS	
C-1	COVER SHEET
C-2	EXISTING CONDITIONS AND DEMOLITION PLAN
C-3 - C-5	GRADING PLAN
C-6 - C-8	STORM SEWER PLAN
C-9 - C-11	SITE STABILIZATION PLAN
C-12 - C-16	CONSTRUCTION DETAILS

REQUIRED SUBMITTALS FOR APPROVAL	
1.	TRENCH BACKFILL
2.	PIPE BEDDING

REQUIRED SUBMITTALS FOR RECORDS	
1.	STORM SEWER
2.	SUBGRADE STABILIZATION (IF APPLICABLE)

PROJECT TEAM CONTACTS			
<b>CIVIL ENGINEER:</b> ADAM ARTZ, P.E. PINNACLE ENGINEERING GROUP 20725 WATERTOWN ROAD, SUITE 100 BROOKFIELD, WI 53186 (262) 754-8888	<b>ARCHITECT:</b> MARK LEWANDOWSKI EUA 333 EAST CHICAGO STREET MILWAUKEE, WI 53202 (414) 271-5350	<b>CIVIL ENGINEER:</b> MATT CAREY, P.E. PINNACLE ENGINEERING GROUP 20725 WATERTOWN ROAD, SUITE 100 BROOKFIELD, WI 53186 (262) 754-8888 Matt.Carey@pinnacle-engr.com	<b>SURVEYOR:</b> JOHN KONOPACKI, PLS PINNACLE ENGINEERING GROUP 20725 WATERTOWN ROAD, SUITE 100 BROOKFIELD, WI 53186 (262) 754-8888
<b>APPLICANT:</b> BRAD FOLKERT 38TH STREET, LLC 12575 ULINE DRIVE PLEASANT PRAIRIE, WI 53158 (262) 612-4200	<b>LANDSCAPING:</b> JEFFEREY S. MILLER, ASLA, GRP, GIP DAVID J. FRANK LANDSCAPE CONTRACTING N120 W213450 FREISTADT ROAD GERMANTOWN, WI 53022 (262) 265-4888		

**PINNACLE ENGINEERING GROUP, LLC**  
ENGINEER'S LIMITATION

PINNACLE ENGINEERING GROUP, LLC AND THEIR CONSULTANTS DO NOT WARRANT OR GUARANTEE THE ACCURACY AND COMPLETENESS OF THE DELIVERABLES HEREIN BEYOND A REASONABLE DILIGENCE. IF ANY MISTAKES, OMISSIONS, OR DISCREPANCIES ARE FOUND TO EXIST WITHIN THE DELIVERABLES, THE ENGINEER SHALL BE PROMPTLY NOTIFIED PRIOR TO BID SO THAT HE MAY HAVE THE OPPORTUNITY TO TAKE WHATEVER STEPS NECESSARY TO RESOLVE THEM. FAILURE TO PROMPTLY NOTIFY THE ENGINEER OF SUCH CONDITIONS SHALL ABSOLVE THE ENGINEER FROM ANY RESPONSIBILITY FOR THE CONSEQUENCES OF SUCH FAILURE. ACTIONS TAKEN WITHOUT THE KNOWLEDGE AND CONSENT TO THE ENGINEER, OR IN CONTRADICTION TO THE ENGINEER'S DELIVERABLES OR RECOMMENDATIONS, SHALL BECOME THE RESPONSIBILITY NOT OF THE ENGINEER BUT OF THE PARTIES RESPONSIBLE FOR TAKING SUCH ACTION.

FURTHERMORE, PINNACLE ENGINEERING GROUP, LLC IS NOT RESPONSIBLE FOR CONSTRUCTION SAFETY OR THE MEANS AND METHODS OF CONSTRUCTION.

PLAN | DESIGN | DELIVER  
www.pinnacle-engr.com

**PINNACLE ENGINEERING GROUP**  
ENGINEERING | NATURAL RESOURCES | SURVEYING

WISCONSIN OFFICE: 20725 WATERTOWN ROAD, SUITE 100, BROOKFIELD, WI 53186, (262) 754-8888  
CHICAGO | MILWAUKEE | NATIONWIDE

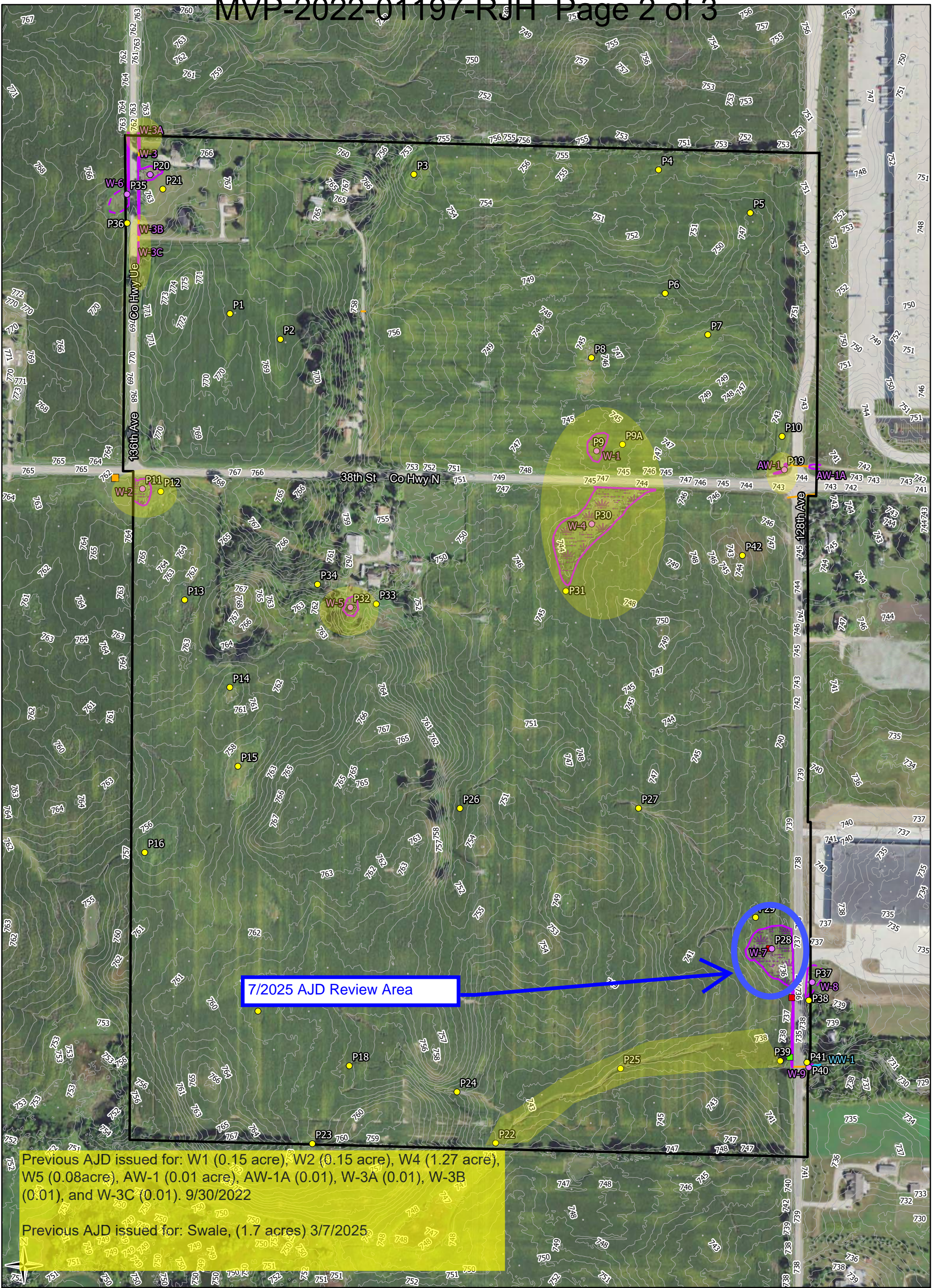
**ULINE WS & WR DISTRIBUTION  
FACILITY MASS GRADING  
KENOSHA, WI**

**COVER SHEET**

REVISIONS		SHEET C-1 OF C-16
NO.	DESCRIPTION	

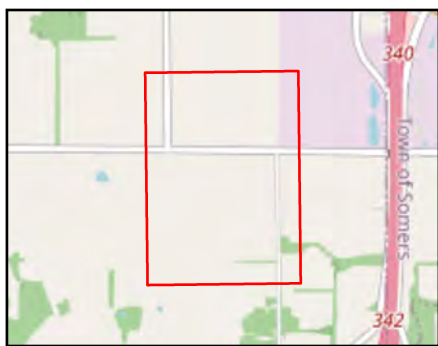
THESE PLANS AND DESIGNS ARE COPYRIGHT PROTECTED AND MAY NOT BE USED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF PINNACLE ENGINEERING GROUP, LLC

www.pinnacle-engr.com FOR CONSTRUCTION COVER SHEET



Previous AJD issued for: W1 (0.15 acre), W2 (0.15 acre), W4 (1.27 acre), W5 (0.08acre), AW-1 (0.01 acre), AW-1A (0.01), W-3A (0.01), W-3B (0.01), and W-3C (0.01). 9/30/2022

Previous AJD issued for: Swale, (1.7 acres) 3/7/2025



- Study Area (246.47 ac)
  - Field Delineated Wetland (2.64 ac)
  - Off-site Wetland Boundary
  - Culvert
  - Kenosha Co 1' Contours
  - ~ Waterway
  - Tile Blowout
  - Tile Inlet
  - Tile Outlet w/ Riprap
- Sample Points**
- Upland
  - Wetland

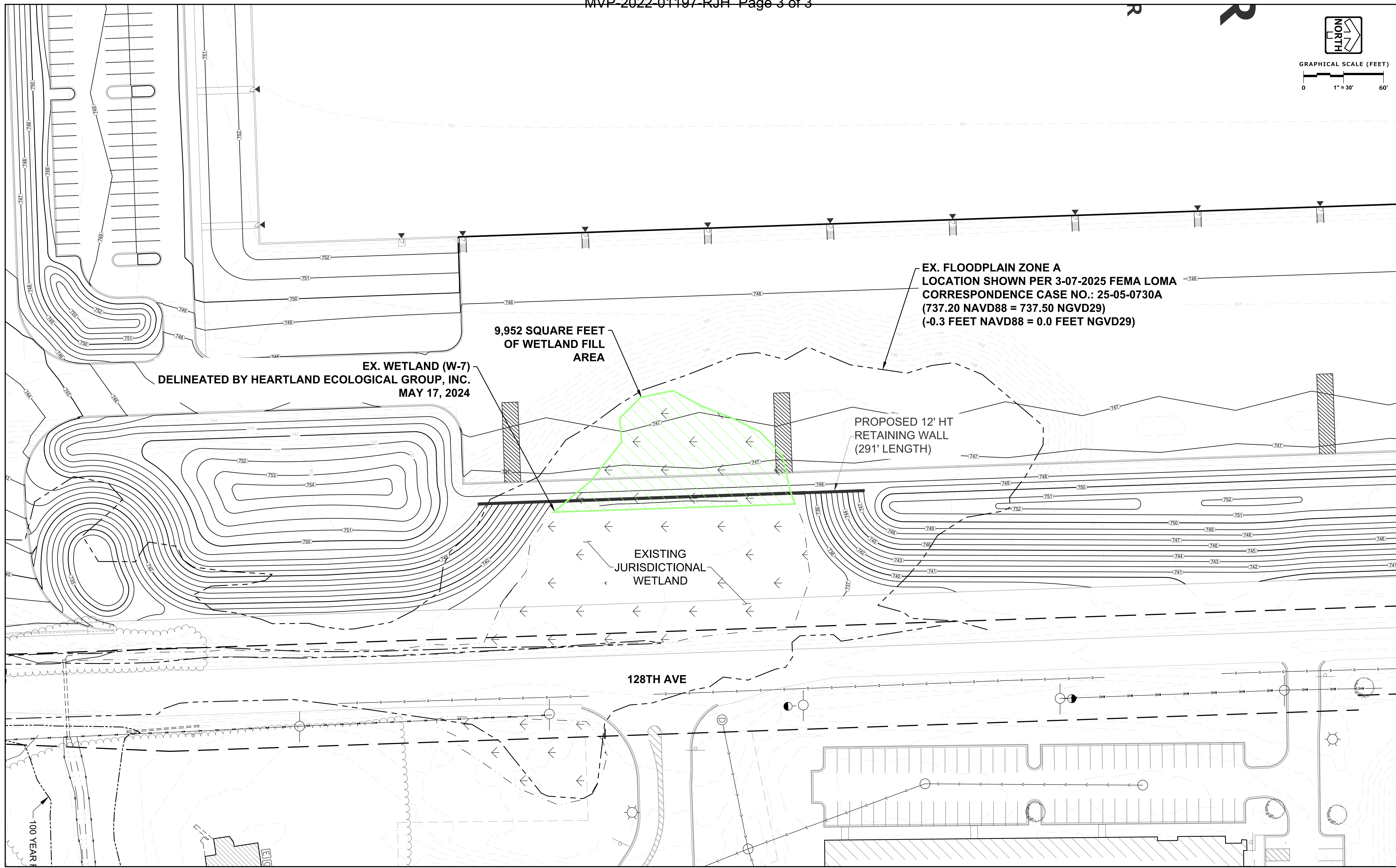
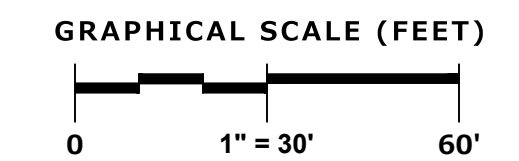
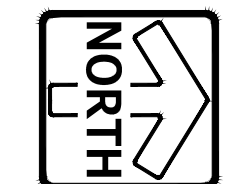


**Heartland**  
ECOLOGICAL GROUP INC

**Figure 6. Field Delineated Wetlands**

Kolnik Parcel  
Project #20220738  
T2N, R21E, S25  
C Kenosha/T Paris, Kenosha Co

2020 NAIP  
Kenosha Co, HEG LRR: MW



EX. FLOODPLAIN ZONE A  
LOCATION SHOWN PER 3-07-2025 FEMA LOMA  
CORRESPONDENCE CASE NO.: 25-05-0730A  
(737.20 NAVD88 = 737.50 NGVD29)  
(-0.3 FEET NAVD88 = 0.0 FEET NGVD29)

9,952 SQUARE FEET  
OF WETLAND FILL  
AREA

EX. WETLAND (W-7)  
DELINEATED BY HEARTLAND ECOLOGICAL GROUP, INC.  
MAY 17, 2024

PROPOSED 12' HT  
RETAINING WALL  
(291' LENGTH)

EXISTING  
JURISDICTIONAL  
WETLAND

128TH AVE

100 YEAR F

# WETLAND ALTERNATIVES ANALYSIS: ALTERNATIVE 2 (9,952 SF WETLAND FILL)

6/24/25