



NOTICE OF AUTHORIZATION

Permit Number: WRP049291 v. 1

Date Issued: June 29, 2026

Site Name: 27-WEC Energy Cable Replacement-Watersmeet Twp
29, 2031

Expiration Date: June 29, 2031

The Michigan Department of Environment, Great Lakes, and Energy (EGLE), Water Resources Division, P.O. Box 30458, Lansing, Michigan 48909-7958, under provisions of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended; specifically:

- ☒ Part 31, Floodplain Regulatory Authority of the Water Resources Protection.
- ☐ Part 301, Inland Lakes and Streams.
- ☒ Part 303, Wetlands Protection.
- ☐ Part 315, Dam Safety.
- ☐ Part 323, Shorelands Protection and Management.
- ☐ Part 325, Great Lakes Submerged Lands.
- ☐ Part 353, Sand Dunes Protection and Management.

Authorized Activity:

Temporarily excavate a 10-foot-long by 10-foot-wide by 4.2-foot-deep splice pit in regulated wetlands to replace antiquated underground electrical cables along Old US-2 East in Watersmeet Township. Replace five padmount boxes below the 100-year floodplain of Middle Branch of the Ontonagon River.

All work shall be completed in accordance with the attached plans and the terms and conditions of this permit.

Waterbody Affected: Regulated wetlands; Middle Branch Ontonagon River Floodplain

Property Location: Gogebic County, Watersmeet Township, T45N R38W Sec 16

Permittee:

WEC Energy Group
2830 S Ashland Ave
Green Bay, WI 54307

Kayla Conklin
Marquette District Office
Water Resources Division

*This notice must be displayed at the site of work.
Laminating this notice or utilizing sheet protectors is recommended.*
Please refer to the above permit number with any questions or concerns.

EGLE
WRP049291 v1.0
Approved
Issued On:06/29/2026
Expires On:06/29/2031



**MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
WATER RESOURCES DIVISION
PERMIT**

Issued To:

**WEC Energy Group
Attn: Alissa Wilinski
2830 S Ashland Ave
Green Bay, WI 54307**

**Permit No: WRP049291 v.1
Submission No.: HQM-F60P-GM8YJ
Site Name: 27-WEC Energy Cable Replacement-Watersmeet Twp
Issued: June 29, 2026
Expires: June 29, 2031**

This permit is being issued by the Michigan Department of Environment, Great Lakes, and Energy (EGLE), Water Resources Division, under the provisions of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA); specifically:

- | | |
|---|---|
| ☐ Part 301, Inland Lakes and Streams | ☐ Part 323, Shorelands Protection and Management |
| ☒ Part 303, Wetlands Protection | ☐ Part 325, Great Lakes Submerged Lands |
| ☐ Part 315, Dam Safety | ☐ Part 353, Sand Dunes Protection and Management |
| ☒ Part 31, Water Resources Protection (Floodplain Regulatory Authority) | |

EGLE certifies that the activities authorized under this permit are in compliance with the State Coastal Zone Management Program and certifies without conditions under the Federal Clean Water Act, Section 401 that the discharge from the activities authorized under this permit will comply with Michigan's water quality requirements in Part 31, Water Resources Protection, of the NREPA and associated administrative rules, where applicable.

Permission is hereby granted, based on permittee assurance of adherence to State of Michigan requirements and permit conditions, to:

Authorized Activity:

Temporarily excavate a 10-foot-long by 10-foot-wide by 4.2-foot-deep splice pit in regulated wetlands to replace antiquated underground electrical cables along Old US-2 East in Watersmeet Township. Replace five padmount boxes below the 100-year floodplain of Middle Branch of the Ontonagon River.

All work shall be completed in accordance with the attached plans and the terms and conditions of this permit.

**Waterbody Affected: Regulated wetlands; Middle Branch Ontonagon River Floodplain
Property Location: Gogebic County, Watersmeet Township, T45N R38W Sec 16**

**EGLE
WRP049291 v1.0
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Authority granted by this permit is subject to the following limitations:

- A. Initiation of any work on the permitted project confirms the permittee's acceptance and agreement to comply with all terms and conditions of this permit.
- B. The permittee, in exercising the authority granted by this permit, shall not cause unlawful pollution as defined by Part 31 of the NREPA.
- C. This permit shall be kept at the site of the work and available for inspection at all times during the duration of the project or until its date of expiration.
- D. All work shall be completed in accordance with the approved plans and specifications submitted with the application and/or plans and specifications attached to this permit.
- E. No attempt shall be made by the permittee to forbid the full and free use by the public of public waters at or adjacent to the structure or work approved.
- F. It is made a requirement of this permit that the permittee give notice to public utilities in accordance with 2013 PA 174 (Act 174) and comply with each of the requirements of Act 174.
- G. This permit does not convey property rights in either real estate or material, nor does it authorize any injury to private property or invasion of public or private rights, nor does it waive the necessity of seeking federal assent, all local permits, or complying with other state statutes.
- H. This permit does not prejudice or limit the right of a riparian owner or other person to institute proceedings in any circuit court of this state when necessary to protect his rights.
- I. This permit shall not be assigned or transferred without the written approval of EGLE.
- J. Failure to comply with conditions of this permit may subject the permittee to revocation of permit and criminal and/or civil action as cited by the specific state act, federal act, and/or rule under which this permit is granted.
- K. All dredged or excavated materials shall be disposed of in an upland site (outside of floodplains, unless exempt under Part 31 of the NREPA, and wetlands).
- L. In issuing this permit, EGLE has relied on the information and data that the permittee has provided in connection with the submitted application for permit. If, subsequent to the issuance of a permit, such information and data prove to be false, incomplete, or inaccurate, EGLE may modify, revoke, or suspend the permit, in whole or in part, in accordance with the new information.
- M. The permittee shall indemnify and hold harmless the State of Michigan and its departments, agencies, officials, employees, agents, and representatives for any and all claims or causes of action arising from acts or omissions of the permittee, or employees, agents, or representative of the permittee, undertaken in connection with this permit. The permittee's obligation to indemnify the State of Michigan applies only if the state: (1) provides the permittee or its designated representative written notice of the claim or cause of action within 30 days after it is received by the state, and (2) consents to the permittee's participation in the proceeding on the claim or cause of action. It does not apply to contested case proceedings under the Administrative Procedures Act, 1969 PA 306, as amended, challenging the permit. This permit shall not be construed as an indemnity by the State of Michigan for the benefit of the permittee or any other person.
- N. Noncompliance with these terms and conditions and/or the initiation of other regulated activities not specifically authorized shall be cause for the modification, suspension, or revocation of this permit, in whole or in part. Further, EGLE may initiate criminal and/or civil proceedings as may be deemed necessary to correct project deficiencies, protect natural resource values, and secure compliance with statutes.
- O. If any change or deviation from the permitted activity becomes necessary, the permittee shall request, in writing, a revision of the permitted activity from EGLE. Such revision request shall include complete documentation supporting the modification and revised plans detailing the proposed modification. Proposed modifications must be approved, in writing, by EGLE prior to being implemented.
- P. This permit may be transferred to another person upon written approval of EGLE. The permittee must submit a written request to EGLE to transfer the permit to the new owner. The new owner must also submit a written request to EGLE to accept transfer. The new owner must agree, in writing, to accept all conditions of the permit. A single letter signed by both parties that includes all the above information may be provided to EGLE. EGLE will review the request and, if approved, will provide written notification to the new owner.
- Q. Prior to initiating permitted construction, the permittee is required to provide a copy of the permit to the contractor(s) for review. The property owner, contractor(s), and any agent involved in exercising the permit

are held responsible to ensure that the project is constructed in accordance with all drawings and specifications. The contractor is required to provide a copy of the permit to all subcontractors doing work authorized by the permit.

- R. Construction must be undertaken and completed during the dry period of the wetland. If the area does not dry out, construction shall be done on equipment mats to prevent compaction of the soil.
- S. Authority granted by this permit does not waive permit requirements under Part 91, Soil Erosion and Sedimentation Control, of the NREPA, or the need to acquire applicable permits from the County Enforcing Agent (CEA).
- T. Authority granted by this permit does not waive permit requirements under the authority of Part 305, Natural Rivers, of the NREPA. A Natural Rivers Zoning Permit may be required for construction, land alteration, streambank stabilization, or vegetation removal along or near a natural river.
- U. The permittee is cautioned that grade changes resulting in increased runoff onto adjacent property is subject to civil damage litigation.
- V. Unless specifically stated in this permit, construction pads, haul roads, temporary structures, or other structural appurtenances to be placed in a wetland or on bottomland of the water body are not authorized and shall not be constructed unless authorized by a separate permit or permit revision granted in accordance with the applicable law.
- W. For projects with potential impacts to fish spawning or migration, no work shall occur within fish spawning or migration timelines (i.e., windows) unless otherwise approved in writing by the Michigan Department of Natural Resources, Fisheries Division.
- X. Work to be done under authority of this permit is further subject to the following special instructions and specifications:
 - 1. Authority granted by this permit does not waive permit or program requirements under Part 91 of the NREPA or the need to acquire applicable permits from the CEA. To locate the Soil Erosion Program Administrator for your county, visit <https://www.michigan.gov/egle/about/organization/water-resources/soil-erosion/sesc-overview> and select "Soil Erosion and Sedimentation Control Agencies".
 - 2. The authority to conduct the activity as authorized by this permit is granted solely under the provisions of the governing act as identified above. This permit does not convey, provide, or otherwise imply approval of any other governing act, ordinance, or regulation, nor does it waive the permittee's obligation to acquire any local, county, state, or federal approval or authorization necessary to conduct the activity.
 - 3. No fill, excess soil, or other material shall be placed in any wetland, floodplain, or surface water area not specifically authorized by this permit, its plans, and specifications.
 - 4. This permit does not authorize or sanction work that has been completed in violation of applicable federal, state, or local statutes.
 - 5. The permit placard shall be kept posted at the work site in a prominent location at all times for the duration of the project or until permit expiration.
 - 6. This permit is being issued for the maximum time allowed and no extensions of this permit will be granted. Initiation of the construction work authorized by this permit indicates the permittee's acceptance of this condition. The permit, when signed by EGLE, will be for a five-year period beginning on the date of issuance. If the project is not completed by the expiration date, a new permit must be sought.
 - 7. The permittee is responsible for acquiring all necessary permissions, easements, and/or rights-of-way before commencing any work authorized by this permit. All construction operations relating to or part of this project shall be confined to the existing right-of-way limits or other acquired easements.
 - 8. The permittee shall implement project design features, which will assure that the authorized pipeline, conduit, or utility installation does not result in drainage of the associated wetlands. If the pipeline, conduit, or utility installation causes drainage, the permittee remains liable and responsible for project modifications, as approved by EGLE, to halt the resultant drainage and to prevent future drainage of the wetland.
 - 9. Temporary construction mats or tracked vehicles shall be utilized to the greatest extent possible to minimize ground compaction and disturbance to waters of the state. Rutting or other soil disturbance

shall be restored and stabilized. All revegetation of wetland sites must be with plant species that are native to Michigan according to the Floristic Quality Assessment for the State of Michigan.

10. The risk of spreading terrestrial and aquatic invasive species during the project will be minimized through measures like visually inspecting and removing any plants, mud, and water from equipment and vehicles and disinfecting and drying equipment and vehicles between sites.
11. Placement of bore pits and handholes shall be placed outside of the wetland to the greatest extent possible. Bore pit and handhold excavation shall be restored to pre-existing grade by backfilling so native soils are replaced in reverse order of excavation, replacing the topsoil at the surface.
12. Plowing-in /knifing-in is exempt from permit in wetlands but is not permitted in wetlands with open water, streams, or lakes.
13. Directional boring under streams is exempt from permit under Part 301 as long as a minimum of 10 feet is maintained from the top of the conduit and the bottom of the lake or stream. Directional boring in wetlands is exempt from permit under Part 303 as long as a minimum 4 feet is maintained from the top of the conduit and the soil surface.
14. The permittee, his/her agent, and contractor shall exercise extreme caution to ensure that excess bore pressure is not applied during the drilling operation, as this could cause the rupture of the stream bottom and/or wetlands strata, causing the discharge of drilling mud (bentonite) into the watercourse or wetland. It is recommended that a geotechnical engineer or hydrogeologist be consulted to determine the maximum allowable bore pressure to prevent the rupture of the stream bottom.
15. In the event there is a leak of drilling mud (bentonite) material during the directional drilling operation, the project shall be immediately stopped, evaluated, and appropriate measures shall be taken to alleviate the release and contain the leaking material. The permittee is responsible for all liability associated with the occurrence of any unintended release of drilling mud, and is also ultimately responsible for the isolation, containment, restoration and final site cleanup, and disposal of the inadvertent fluid losses. The permittee, agent or contractor MUST immediately notify EGLE Pollution Emergency Reporting System (PEAS) at 800-292-4706. The permittee, agent or contractor shall also notify EGLE representative at 906-869-4703 or by email at ConklinK3@michigan.gov, of any leaking problems through streambed or wetland. The notification shall include the following:
 - The time and magnitude of the release.
 - A description of the steps that are being taken to eliminate and control the inadvertent release.
 - A time for the next notification to EGLE with the time not to exceed eight (8) hours.
 - The name and telephone number of the person reporting the unintended release of drilling mud or of the person overseeing the construction efforts to halt and control the inadvertent return of fluids.

Upon EGLE's assessment of the situation, modifications to the permitted activity may be required.

16. Part 31 Permit Conditions: 1) All remaining materials, upon completion of the work, shall be removed from the 100 year floodplain. 2) The above ground transformers shall be firmly anchored to prevent flotation or lateral movement.

Issued By: Kayla Conklin
Kayla Conklin
Marquette District Office
Water Resources Division

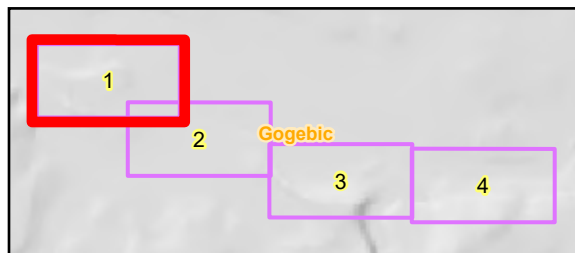
THIS PERMIT MUST BE SIGNED BY THE PERMITTEE TO BE VALID.

I hereby assure that I have read, am familiar with, and agree to adhere to the terms and conditions of this permit.

Permittee Signature

Date

cc: Stephanie Nadeau, Thompson & Associates Wetland Services, Agent
Watersmeet Township Clerk
Gogebic County Drain Commissioner
Gogebic County CEA
Clark Fadoir EGLE WRD



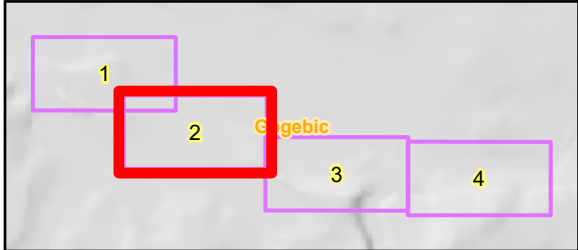
- Floodplain Impact
- Wetland Impact
- Proposed Underground Electric Line
- Contour 1 foot
- Aerial Photo Interpreted Wetland Boundary

0 100 200
Feet



Old US2 E CR WSM2 IRCM26007
Wetlands and Floodplain Impacts Map 1 of 4

Source: UMERI Imagery, 2018
Contours Calculated from USGS DEM



-  Floodplain Impact
-  Wetland Impact
-  Proposed Underground Electric Line
-  Contour 1 foot
-  Aerial Photo Interpreted Wetland Boundary

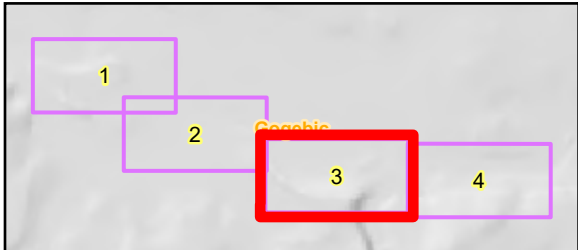
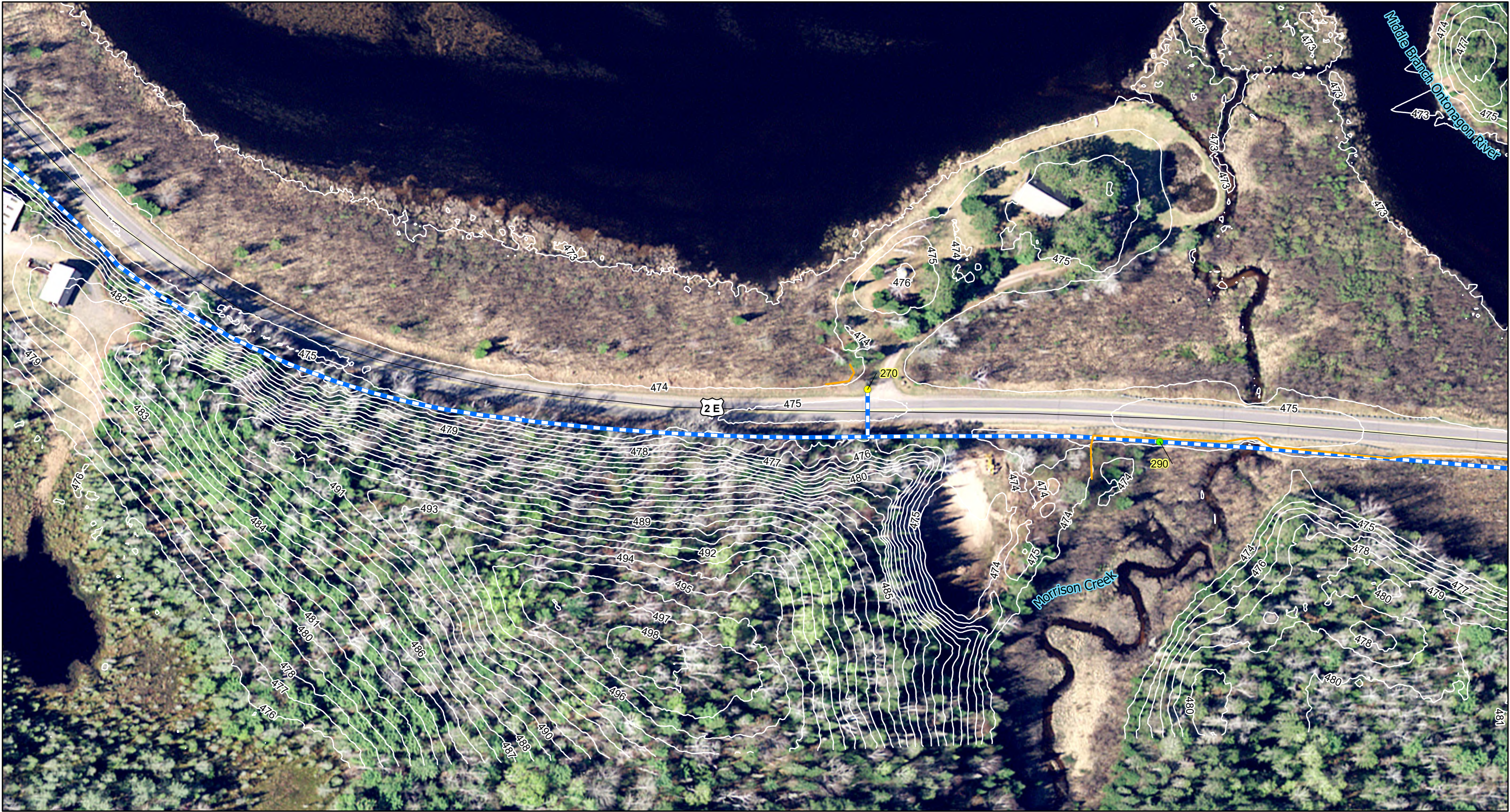


Old US2 E CR WSM2 IRCM26007
Wetlands and Floodplain Impacts Map 2 of 4

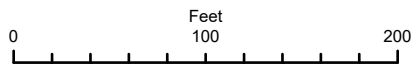
Source: UMERI Imagery, 2018
Contours Calculated from USGS DEM

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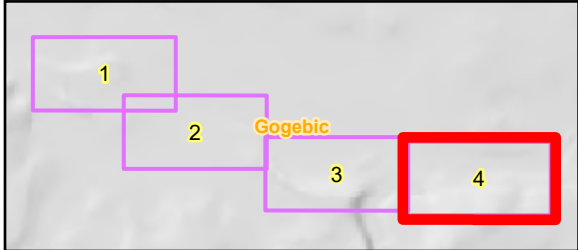


Old US2 E CR WSM2 IRCM26007
Wetlands and Floodplain Impacts Map 3 of 4

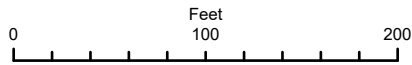
Source: UMERI Imagery, 2018
Contours Calculated from USGS DEM

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- Floodplain Impact
- Wetland Impact
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Old US2 E CR WSM2 IRCM26007
Wetlands and Floodplain Impacts Map 4 of 4

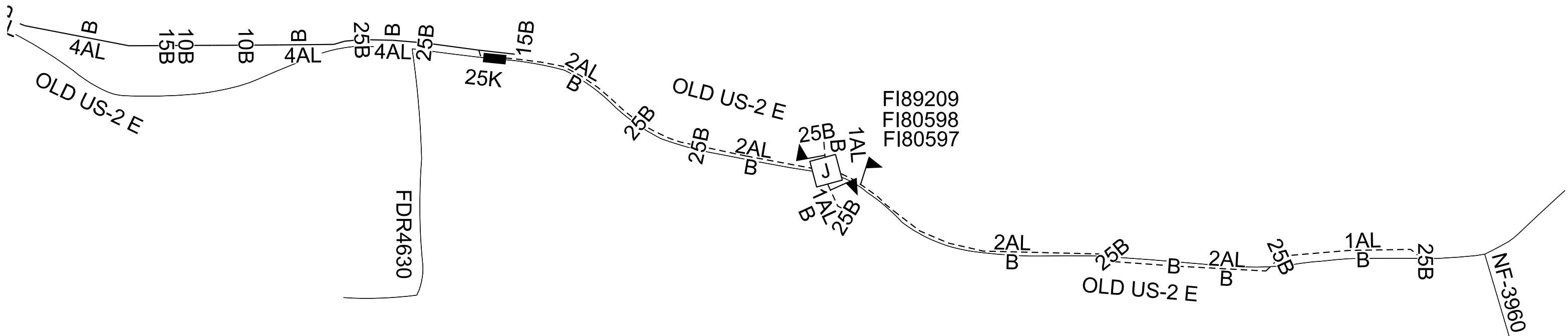
Source: UMERI Imagery, 2018
Contours Calculated from USGS DEM

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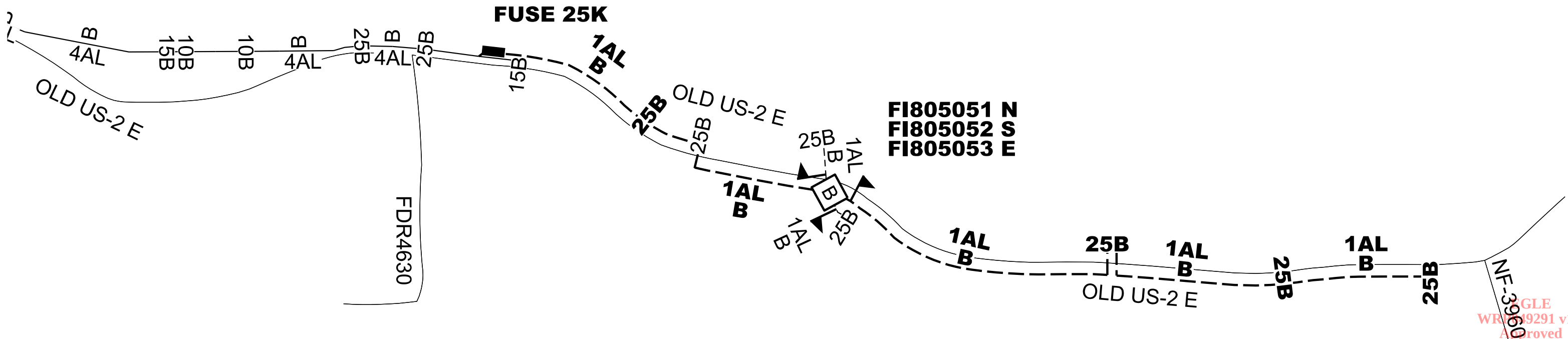


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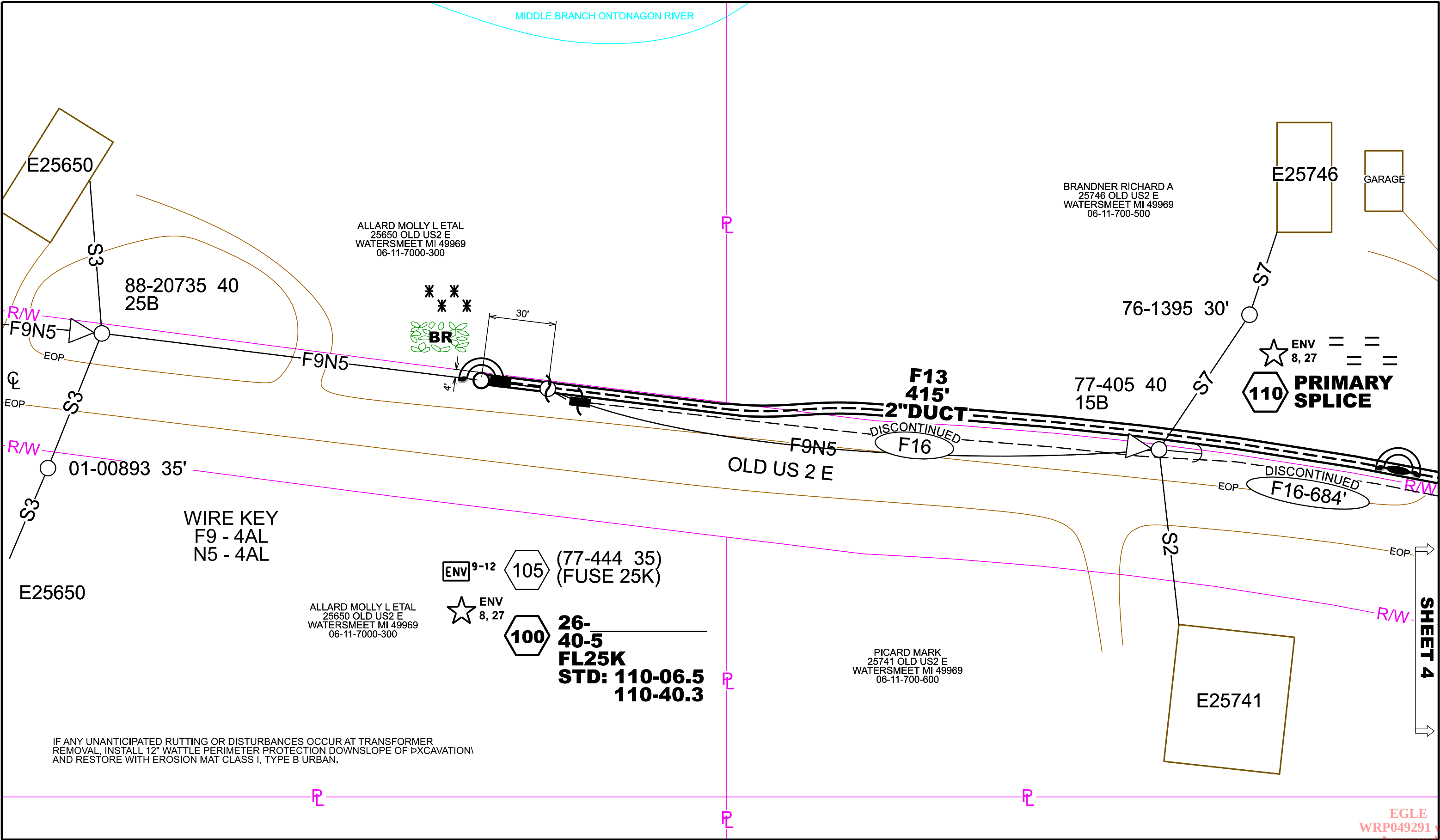
EXISTING FEEDER ZFWSM2

PROPOSED FEEDER ZFWSM2





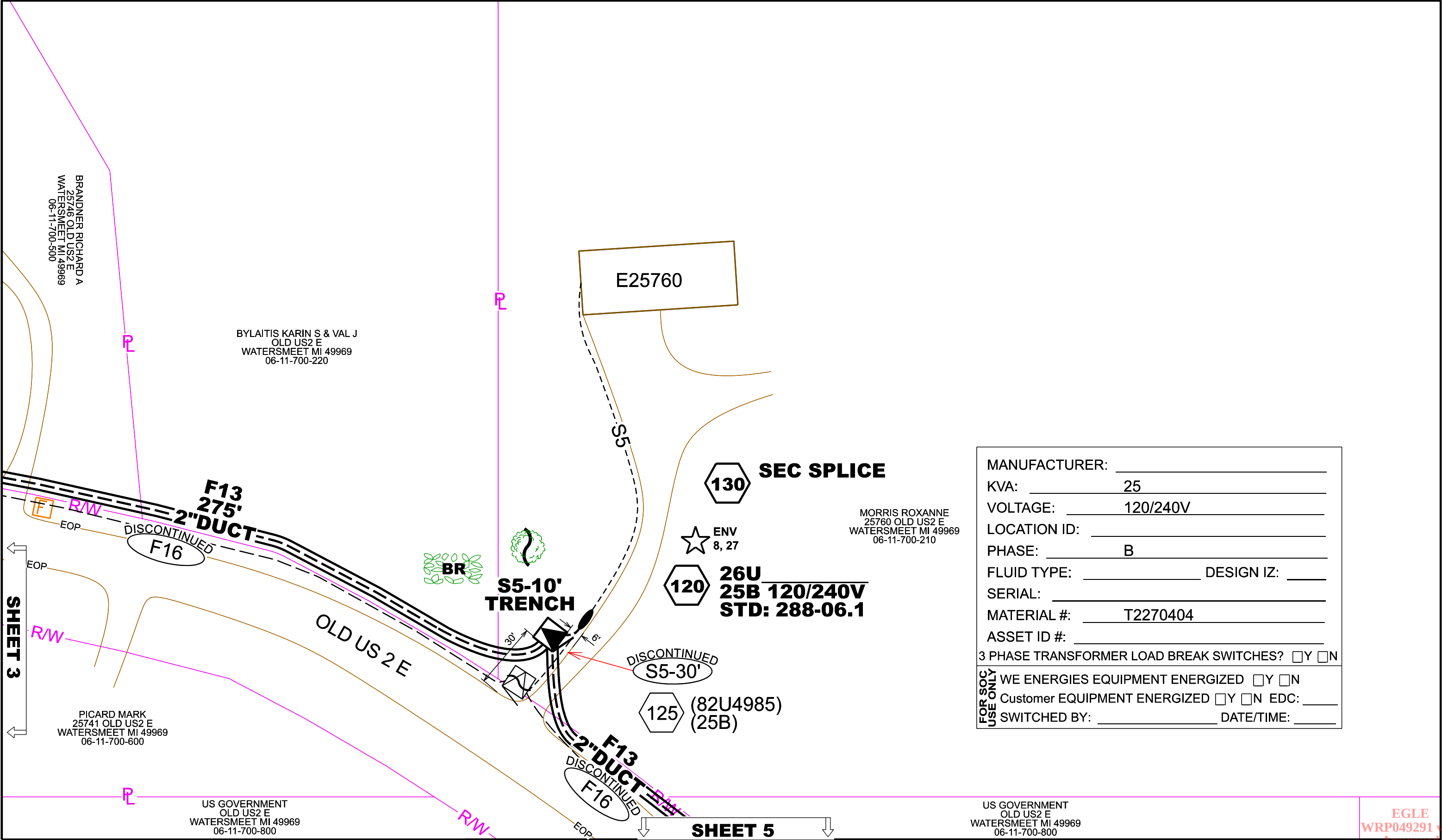
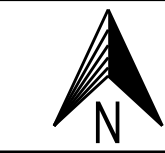
ALL CABLE TO BE DIRECTIONAL BORE UNLESS NOTED
INSTALL ALL CABLE 1' OUTSIDE ROW UNLESS NOTED
INSTALL ALL EQUIPMENT 5' OUTSIDE ROW UNLESS NOTED





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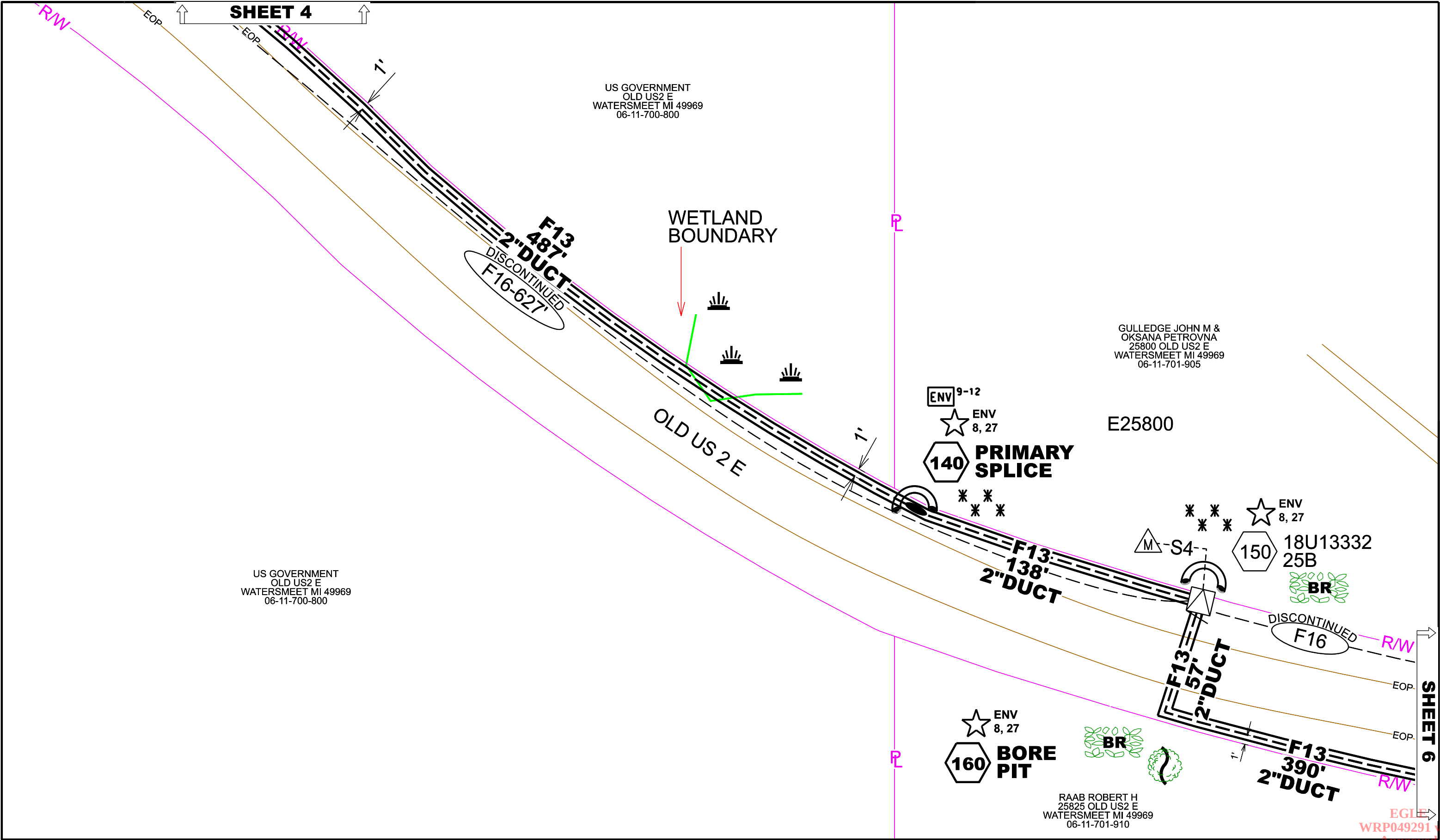
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INSTALL ALL EQUIPMENT 5' OUTSIDE ROW UNLESS NOTED



MANUFACTURER:	_____
KVA:	25
VOLTAGE:	120/240V
LOCATION ID:	_____
PHASE:	B
FLUID TYPE:	_____ DESIGN IZ: _____
SERIAL:	_____
MATERIAL #:	T2270404
ASSET ID #:	_____
3 PHASE TRANSFORMER LOAD BREAK SWITCHES? ☐ Y ☐ N	
FOR SOC USE ONLY	WE ENERGIES EQUIPMENT ENERGIZED ☐ Y ☐ N
	Customer EQUIPMENT ENERGIZED ☐ Y ☐ N EDC: _____
	SWITCHED BY: _____ DATE/TIME: _____

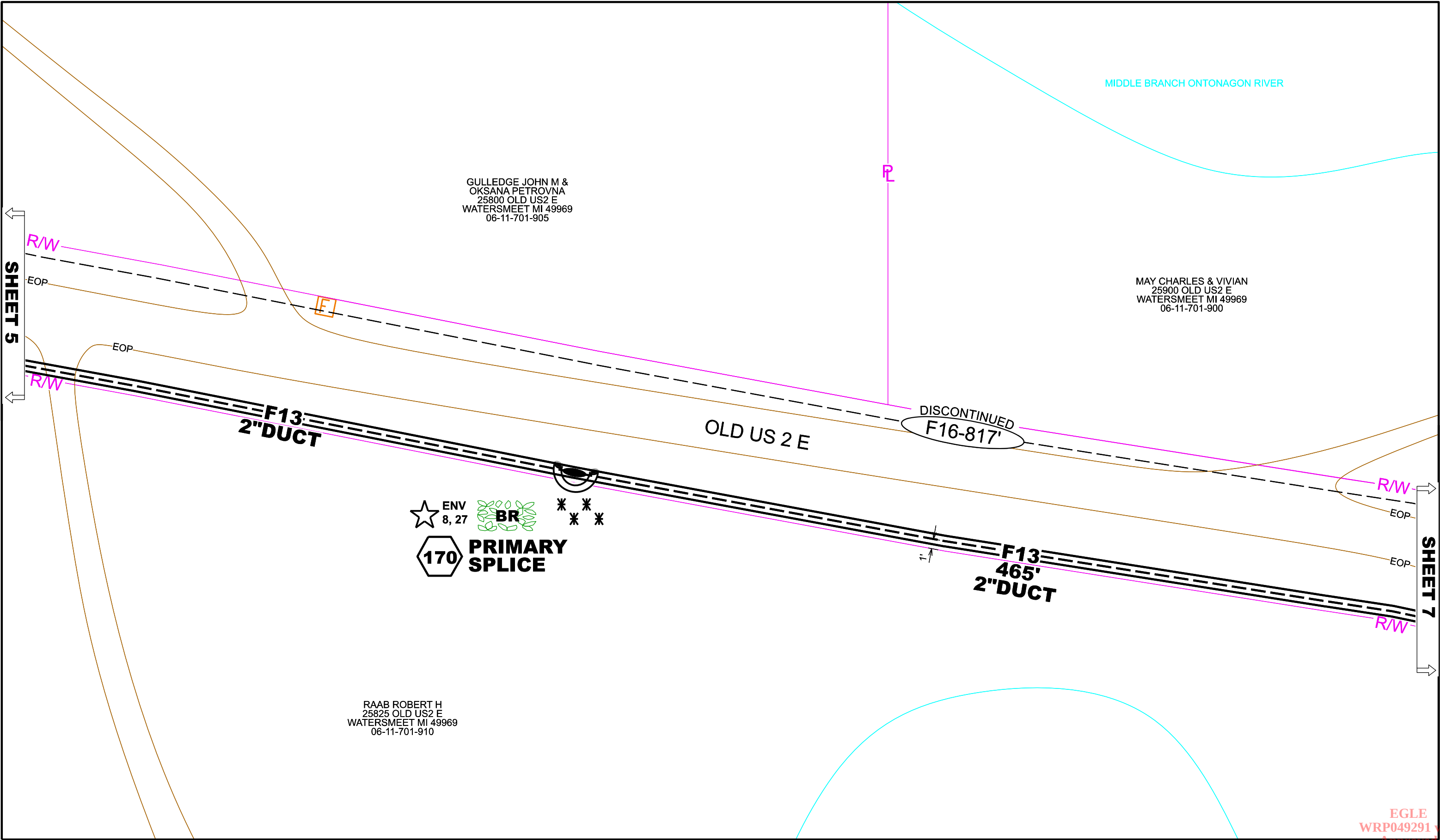
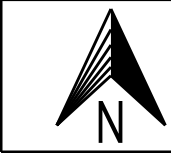


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INSTALL ALL EQUIPMENT 5' OUTSIDE ROW UNLESS NOTED



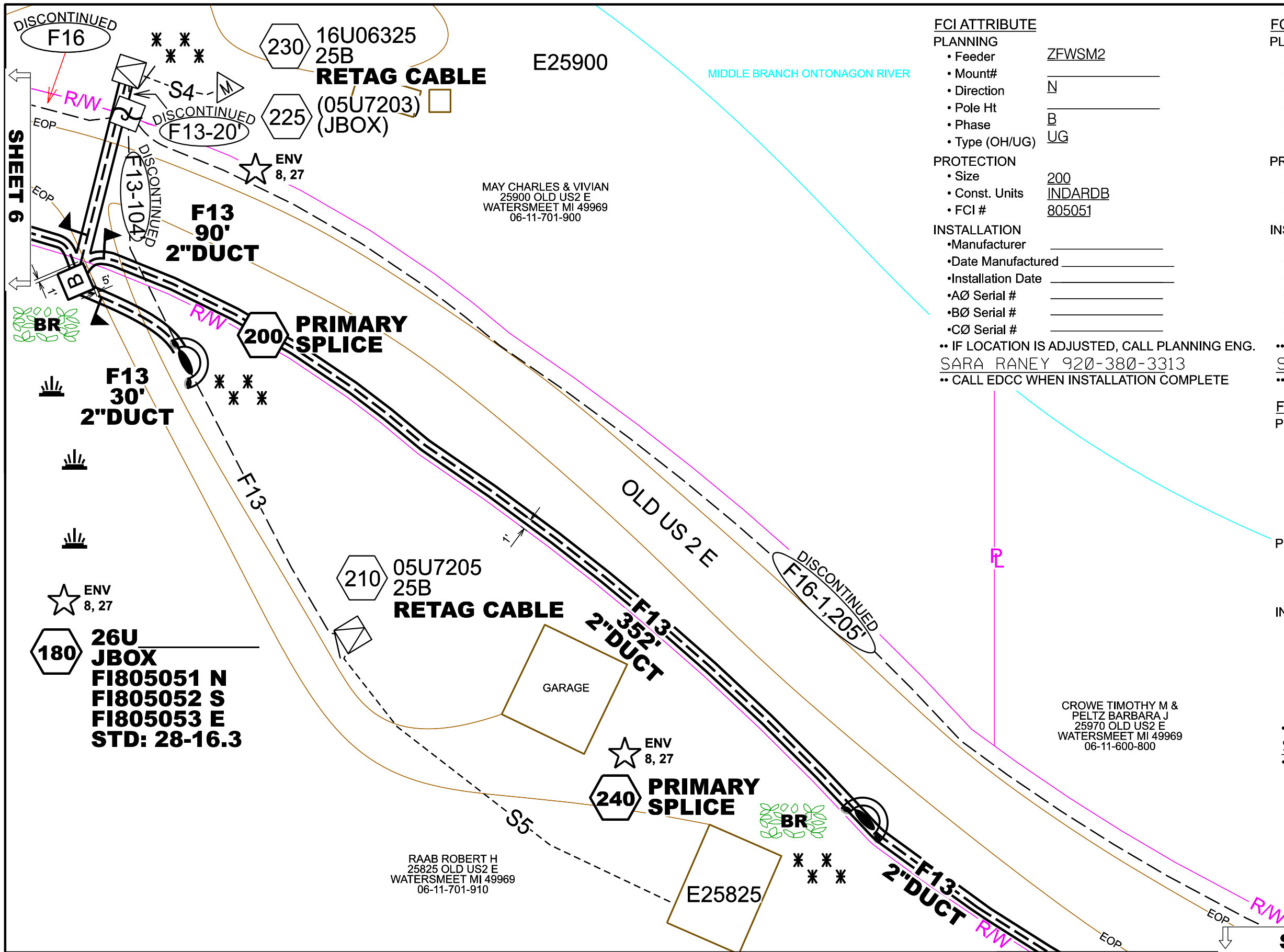


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INSTALL ALL EQUIPMENT 5' OUTSIDE ROW UNLESS NOTED



FCI ATTRIBUTE

PLANNING

• Feeder ZFWSM2
• Mount# _____
• Direction N
• Pole Ht _____
• Phase B
• Type (OH/UG) UG

PROTECTION

• Size 200
• Const. Units INDARDB
• FCI # 805051

INSTALLATION

• Manufacturer _____
• Date Manufactured _____
• Installation Date _____
• AØ Serial # _____
• BØ Serial # _____
• CØ Serial # _____

• IF LOCATION IS ADJUSTED, CALL PLANNING ENG.
SARA RANEY 920-380-3313
• CALL EDCC WHEN INSTALLATION COMPLETE

FCI ATTRIBUTE

PLANNING

• Feeder ZFWSM2
• Mount# _____
• Direction S
• Pole Ht _____
• Phase B
• Type (OH/UG) UG

PROTECTION

• Size 200
• Const. Units INDARDB
• FCI # 805052

INSTALLATION

• Manufacturer _____
• Date Manufactured _____
• Installation Date _____
• AØ Serial # _____
• BØ Serial # _____
• CØ Serial # _____

• IF LOCATION IS ADJUSTED, CALL PLANNING ENG.
SARA RANEY 920-380-3313
• CALL EDCC WHEN INSTALLATION COMPLETE

FCI ATTRIBUTE

PLANNING

• Feeder ZFWSM2
• Mount# _____
• Direction E
• Pole Ht _____
• Phase B
• Type (OH/UG) UG

PROTECTION

• Size 200
• Const. Units INDARDB
• FCI # 805053

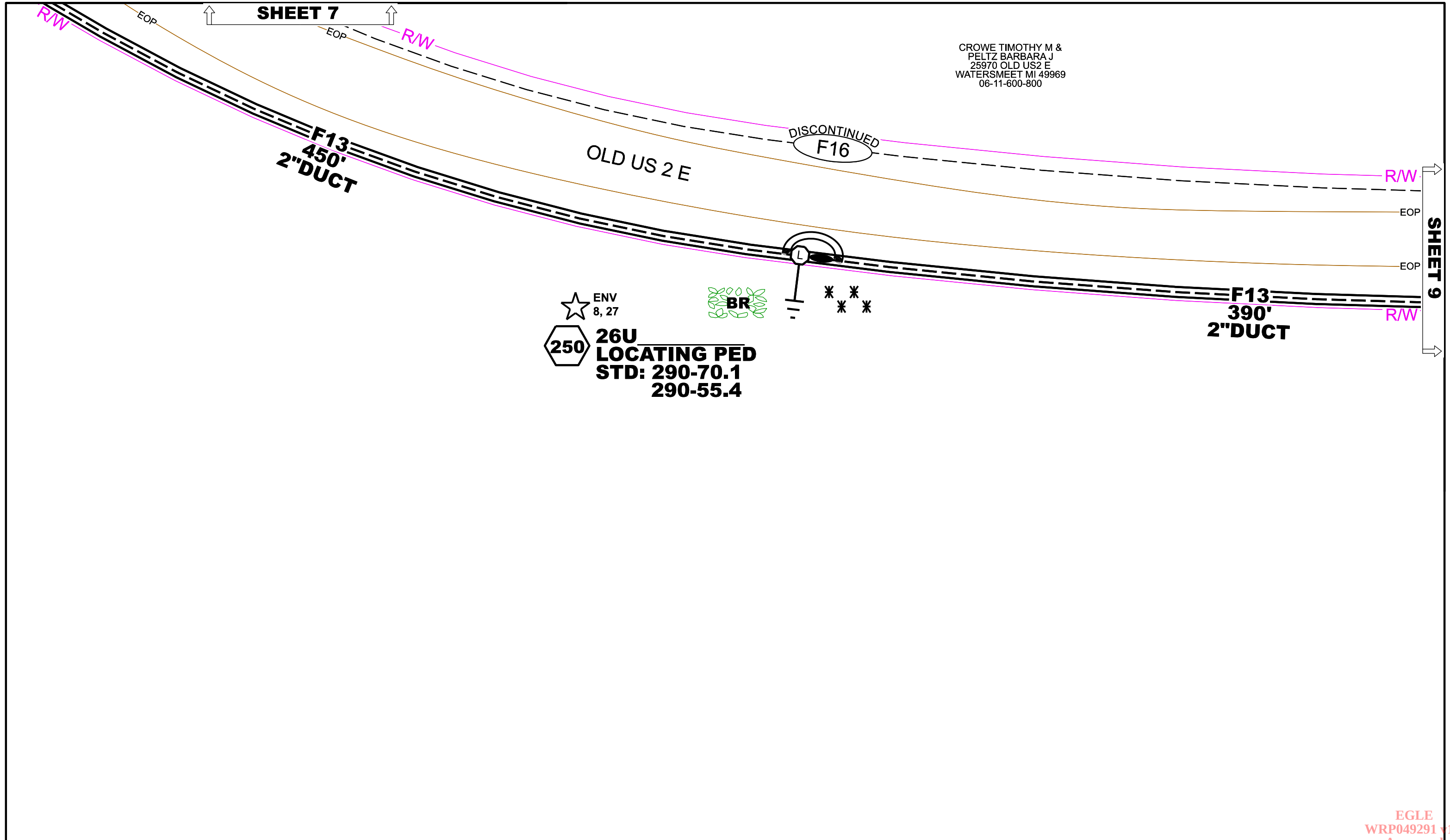
INSTALLATION

• Manufacturer _____
• Date Manufactured _____
• Installation Date _____
• AØ Serial # _____
• BØ Serial # _____
• CØ Serial # _____

• IF LOCATION IS ADJUSTED, CALL PLANNING ENG.
SARA RANEY 920-380-3313
• CALL EDCC WHEN INSTALLATION COMPLETE



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EGLE
WRP049291 v1.0

Approved

HEET 8 OF 11

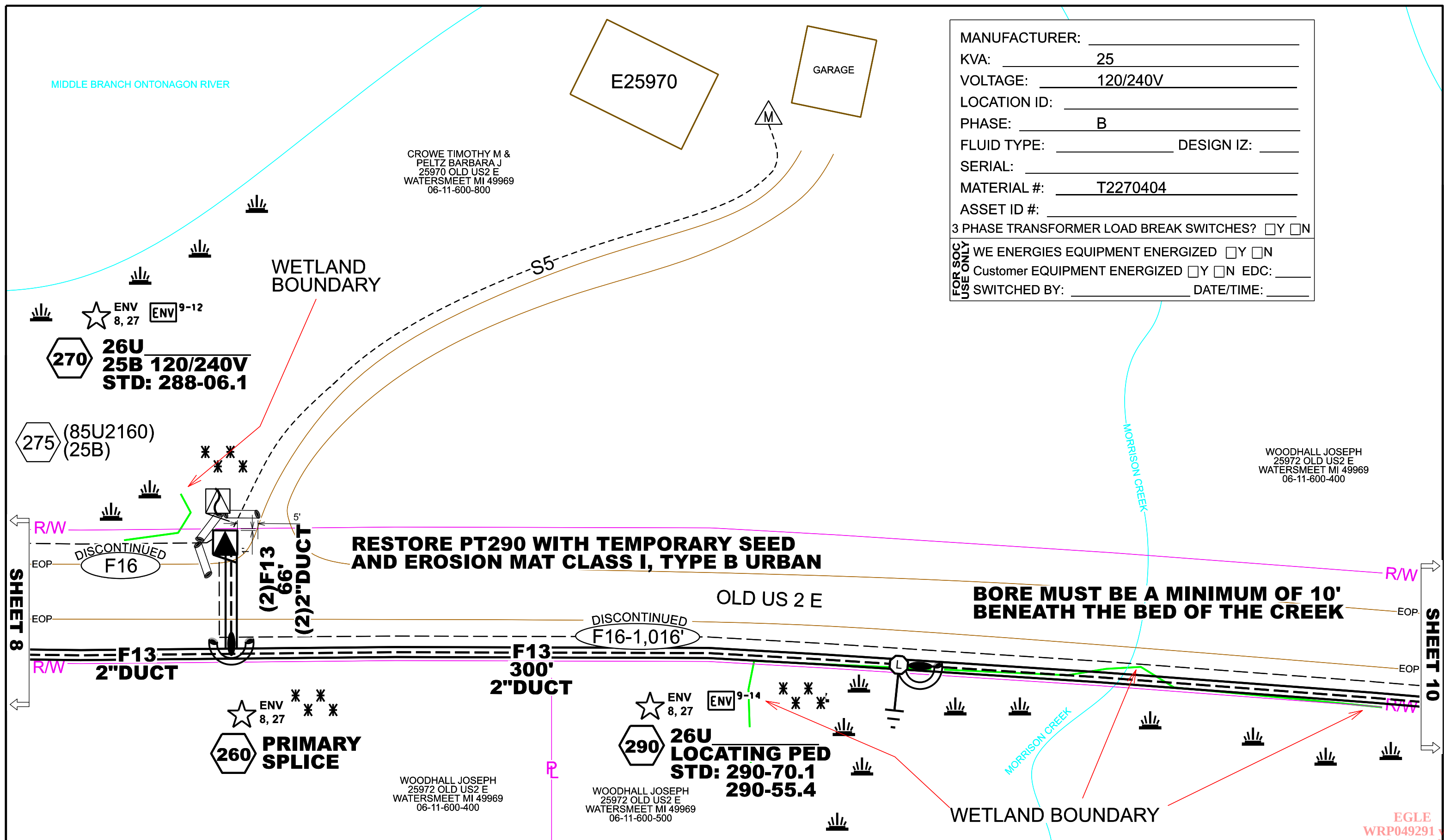
Expires On:06/29/2023

SCALE 1" = 40'

SHEET 8 OF 11

5156486

**ALL CABLE TO BE DIRECTIONAL BORE UNLESS NOTED
INSTALL ALL CABLE 1' OUTSIDE ROW UNLESS NOTED
INSTALL ALL EQUIPMENT 5' OUTSIDE ROW UNLESS NOTED**



MANUFACTURER:	_____
KVA:	25
VOLTAGE:	120/240V
LOCATION ID:	_____
PHASE:	B
FLUID TYPE:	_____ DESIGN IZ: _____
SERIAL:	_____
MATERIAL #:	T2270404
ASSET ID #:	_____
3 PHASE TRANSFORMER LOAD BREAK SWITCHES? ☐ Y ☐ N	
FOR SOC USE ONLY	WE ENERGIES EQUIPMENT ENERGIZED ☐ Y ☐ N
	Customer EQUIPMENT ENERGIZED ☐ Y ☐ N EDC: _____
	SWITCHED BY: _____ DATE/TIME: _____

WOODHALL JOSEPH
25972 OLD US2 E
WATERSMEET MI 49969
06-11-600-400

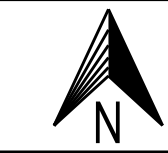
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Approved
SHEET 9 OF 11
Issued On:06/29/2026
Expires On:06/29/203



5156486

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INSTALL ALL CABLE 1' OUTSIDE ROW UNLESS NOTED
INSTALL ALL EQUIPMENT 5' OUTSIDE ROW UNLESS NOTED



IF ANY UNANTICIPATED RUTTING OR DISTURBANCES OCCUR AT TRANSFORMER REMOVAL, INSTALL 12" WATTLE PERIMETER PROTECTION DOWNSLOPE OF PXCAVATION AND RESTORE WITH EROSION MAT CLASS I, TYPE B URBAN.

MIDDLE BRANCH ONTONAGON RIVER

WOODHALL JOSEPH
25972 OLD US2 E
WATERSMEET MI 49969
06-11-600-400

310 SEC SPLICE
★ ENV 8, 27 ENV 9-12

315 (78T109)
(25B)

E25972

WOODHALL JOSEPH
25972 OLD US2 E
WATERSMEET MI 49969
06-11-600-400

WETLAND
BOUNDARY

DISCONTINUED
S4-20'

GARAGE

DISCONTINUED
F13-776'

OLD US 2 E

DISCONTINUED
F16

F13
615'
2" DUCT

S4-105'
2" DUCT

F13
445'
2" DUCT

WETLAND
BOUNDARY

★ ENV 8, 27

300 26U
25B 120/240V
STD: 288-06.1

WOODHALL JOSEPH
25972 OLD US2 E
WATERSMEET MI 49969
06-11-600-400

WOODHALL JOSEPH
25975 OLD US2 E
WATERSMEET MI 49969
06-11-600-420

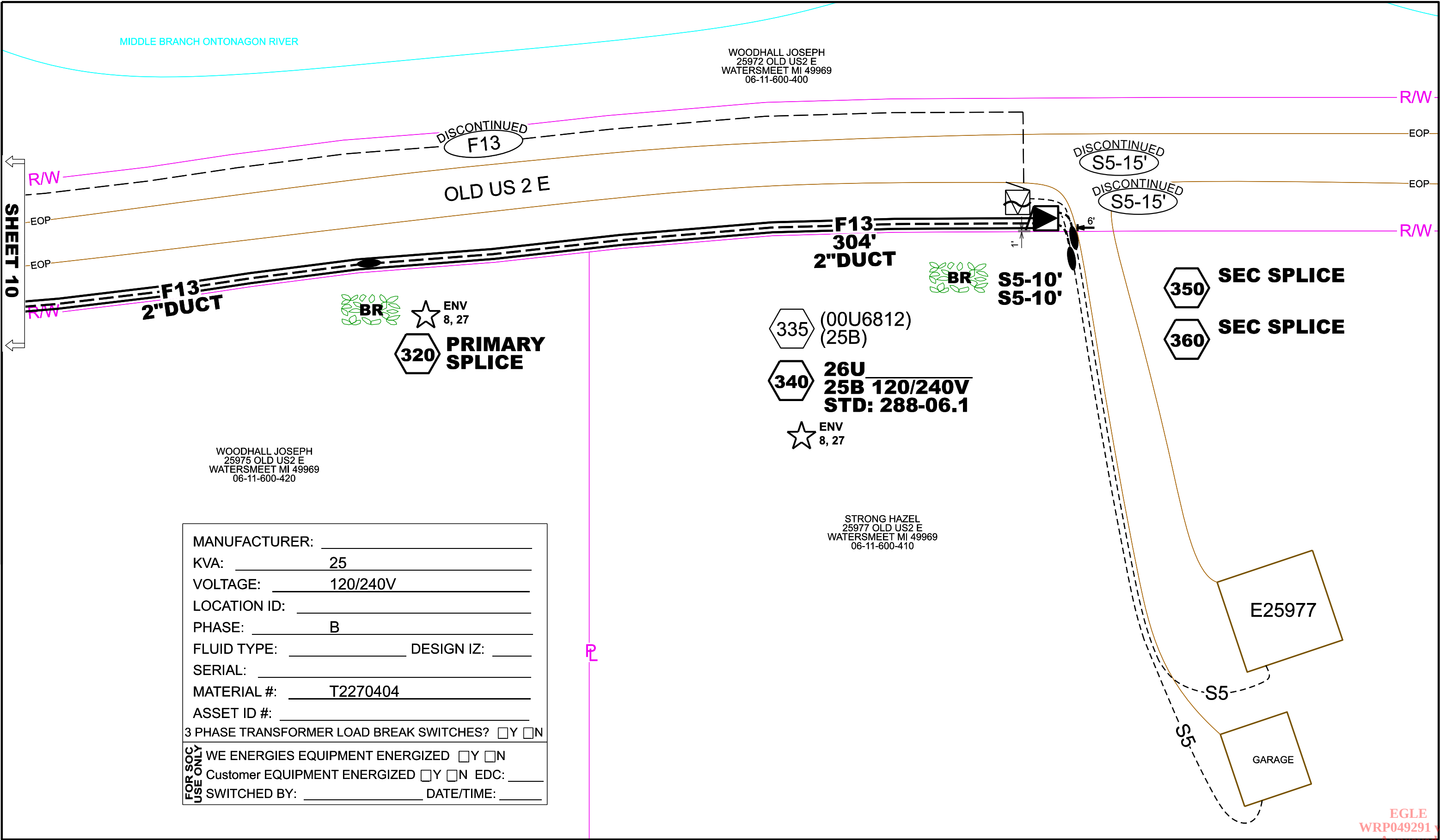
MANUFACTURER: _____
KVA: _____ 25
VOLTAGE: _____ 120/240V
LOCATION ID: _____
PHASE: _____ B
FLUID TYPE: _____ DESIGN IZ: _____
SERIAL: _____
MATERIAL #: _____ T2270404
ASSET ID #: _____
3 PHASE TRANSFORMER LOAD BREAK SWITCHES? ☐ Y ☐ N
FOR SOC USE ONLY WE ENERGIES EQUIPMENT ENERGIZED ☐ Y ☐ N
Customer EQUIPMENT ENERGIZED ☐ Y ☐ N EDC: _____
SWITCHED BY: _____ DATE/TIME: _____

SHEET 9

SHEET 11

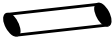
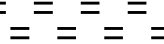


ALL CABLE TO BE DIRECTIONAL BORE UNLESS NOTED
INSTALL ALL CABLE 1' OUTSIDE ROW UNLESS NOTED
INSTALL ALL EQUIPMENT 5' OUTSIDE ROW UNLESS NOTED



MANUFACTURER: _____	
KVA:	25
VOLTAGE:	120/240V
LOCATION ID: _____	
PHASE:	B
FLUID TYPE:	DESIGN IZ: _____
SERIAL: _____	
MATERIAL #:	T2270404
ASSET ID #: _____	
3 PHASE TRANSFORMER LOAD BREAK SWITCHES? ☐ Y ☐ N	
FOR SOC USE ONLY	WE ENERGIES EQUIPMENT ENERGIZED ☐ Y ☐ N
	Customer EQUIPMENT ENERGIZED ☐ Y ☐ N EDC: _____
	SWITCHED BY: _____ DATE/TIME: _____

WE ENERGIES - ELECTRIC OPERATIONS CLEARANCE NOTES: -LOCATION OF OBSTRUCTIONS ARE FROM RECORDS AND MUST BE VERIFIED IN THE FIELD. -MAINTAIN 2' MIN. CLEARANCE BETWEEN OUTSIDE FACE OF MANHOLE & BELL OF PIPE. -THIS APPLIES TO GAS AND WATER MAINS. -MAINTAIN 2' MIN. VERTICAL CLEARANCE AT CROSSINGS OF SEWER OR WATER MAINS. -MAINTAIN 5' MIN. HORIZONTAL DIST. BETWEEN CONDUIT AND SEWER. -MAINTAIN 3' MIN. HORIZONTAL DIST. BETWEEN CONDUIT AND WATER MAINS. NOTE - CLEARANCES SHOWN ARE MINIMUM DISTANCES - REFERENCE PERMITS FOR SPECIFIC CLEARANCE REQUIREMENTS. ADDITIONAL UNDERGROUND INFORMATION ON EXCAVATION, BACKFILLING AND CLEARANCES CAN BE FOUND IN STD. 281-02.	OVERHEAD PRIMARY E, F, H, Q, R, W, X or Z Z 1 #2 ACSR Z1 1 #1/0 ACSR Z2 1 #3/0 ACSR Z3 3 #2 ACSR Z4 3 #1/0 ACSR Z5 3 #3/0 ACSR Z7 3 #336 ACSR Z9 SPECIAL LIST ON SKETCH Z10 1 WIRE REMOVAL Z11 2 WIRE REMOVAL Z12 3WIRE REMOVAL	STANDARD WIRE KEY DIRECT BURY PRIMARY - E, F, H, Q, R, W, X or Z Z13 1 #1 AL 25KV Z14 3 #1 AL 25KV Z15 3 #500 AL 28KV X16 1 #2 AL 15KV X17 3 #2 AL 15KV X18 3 #500 AL 15KV R19 3 #1/0 AL 35KV R20 3 #750 AL 35KV Z21 3 #750 AL 28KV X22 1 #2 Cu 15kV X23 3 #2 Cu 15kV Z24 1 #2 Cu 25kV Z25 3 #2 Cu 25kV X26 3 #500 Cu 15kV Z27 3 #500 Cu 28kV Z28 3 #750 Cu 28kV Z29 SPECIAL - LIST ON SKETCH	NEUTRAL N 1-#2 ACSR N1 1-#1/0 ACSR N2 1-#3/0 ACSR N3 1-#4/0 AL N4 1-#336 ACSR N5 REMOVAL GUYING G 1/4" ARM GUY G1 5/16" ARM GUY G2 3/8" ARM GUY G3 5/16" POLE GUY G4 3/8" POLE GUY G5 7/16" POLE GUY	SECONDARY - 1PHASE S 6DX S1 4 TX S2 2 TX S3 1/0 TXR S4 3/0 TXR S5 350 TXR S6 750 TXR S7 1/0 TXF S8 4/0 TXF S9 336 TXR S10 750 TXF S11 3 WIRE REMOVAL S12 3 WIRE MAIN S14 6DX CIC S15 1/0TX CIC	SECONDARY - 3PHASE \$ 1/0 TXF \$1 4/0 TXF \$2 336 TXF \$3 3/0 TX \$4 350 TX \$5 750 TX \$6 1/0 QXF \$7 3/0 QXF \$8 350 QXR \$9 750 QXR \$10 3 WIRE REMOVAL \$11 3/0 QXR \$12 4 WIRE REMOVAL
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EROSION CONTROL LEGEND	
	APPROXIMATE LOCATION FOR UNDERGROUND FACILITY EXCAVATION
	INLET PROTECTION, TYPE
	12" WATTLE or 12"/20" SEDIMENT LOG or 9.5"/20" EROSION EEL
	STONE DITCH CHECK
	ROCK BAG
	MULCH
	SOIL STABILIZER, TYPE B
	EROSION MAT CLASS I, TYPE A
	EROSION MAT CLASS I, TYPE B
	EROSION MAT CLASS I, TYPE A URBAN
	EROSION MAT CLASS I, TYPE B URBAN
	EROSION MAT CLASS II
	EROSION MAT CLASS III
	VEGETATIVE BUFFER
	TRACKING PAD
	TIMBER MAT
	SILT FENCE
	APPROXIMATE DEWATERING BASIN LOCATION
	SURFACE WATER FLOW

WE ENERGIES WORK REQUEST ENVIRONMENTAL NOTES (Notes 1 through 7 apply to ALL work requests)

General

- If WDNR and/or USACE permits were obtained for the project, all permit conditions shall be met during construction of the project.

Erosion Control

- If soil disturbance occurs on slopes or channels/ditches leading to wetlands or waterways, or within wetlands, the disturbed areas shall be stabilized and appropriate erosion control Best Management Practices (BMP's) shall be implemented.
- Erosion Control BMR's shall meet or exceed the approved WDNR Storm Watter Management Technical Standards (http://dnr.wi.gov/topic/stormwater/standards/const_standards.html). Refer to We Energies Construction Site Sediment and Erosion Control Standards.
- Inspect installed erosion control BMP's at least one time per week and after ½" rain events: repair as necessary.
- When temporary stabilization is required (e.g. for winter or short-term construction) prior to final restoration, soil stabilizer shall be installed wherever possible. Erosion mat shall be used temporarily only where appropriate, in accordance with state standards, and when approved by the Operations Supervisor.

Contaminated Soils

- Whenever soil exhibiting obvious signs of contamination (e.g., discoloration, petroleum or solvent odor, free liquids other than water, buried containers or tanks, or other obvious signs of environmental impacts) is encountered during excavation or installation, cease work immediately, take appropriate immediate precautions to ensure worker health and safety, and contact the Operations Supervisor or Inspector.

Spills

- If an oil spill occurs during construction, call the Environmental Incident Response Team (EIRT) at 414-430-3478:
 - Any quantity of oil is spilled into surface water;
 - Any oil spill greater than 50 ppm PCB into a sewer, vegetable garden, or grazing land;
 - Any oil spill containing greater than 500 ppm PCB;
 - Five gallons or more of oil spilled to the ground;
 - Any oil spill involving a police department, fire department, DNR, or concerned property owner.

Notes 8 through 27 apply as noted at specifc points withln each work request:

Dewatering

- Dewatering of pits or trenches shall be done in accordance with state standards. Use an approved sediment bag, a straw bale dewatering basin, a combination of both, or equivalent.

Wetlands

- As much as practicable, the majorityof the work shall be staged from the public roadways and road shoulders, keeping equipment out of adjacent wetlands.
- All work shall be conducted to minimize soil disturance. No rutting will be allowed within the wetlands.
- If soils are not frozen or stable to a point that avoids rutting, timber mats, mud tracks, or equivalent shall be utilized to access pole locations.
- Excavated soils cannot be stockpiled in wetlands.

- All excess spoils shall be removed from wetlands and placed in a suitable upland location.
- Trenching and pit excavations within wetlands shall include soil segregation to facilitate restoration of pre-construction soil stratification, and restoration to pre-construction elevations.
- Poles scheduled to be removed, and that occur within wetland, shall be cut at the ground surface.

Waterways

- No work can be performed within the banks or below the ordinary high watermark of any navigable waterways/streams.
- No crossing of navigable waterways with equipment can occur. Foot traffic is allowed.
- Any disturbed soil within 75-feet of the ordinary high water mark of any navigable waterways/streams shall be stabilized within 24 hours of construction completion.

Threatened and Endangered Species

- Threatened or endangered species are known to occur in the work area. It is illegal to harass, harm, or kill a protected species under state and federal regulations. Proper precautions shall be taken to ensure harm to individuals is avoided.
- In order to protect the threatened or endangered species, work must be conducted between November 5 and March 15.
- Exclusion fencing must be installed at the work area prior to March 15.
- A qualified biologist must be present when conducting work at this location.

Invasive Species

- State regulated invasive species are known to occur in the work area. Reasonable precautions are legally required to prevent the spread of these species. The Wisconsin Council on Forestry Transportation and Utility Rights-of Way Best Management Practices should be followed: (<http://council.wisconsinforestry.org/invasives/transportation/>).

Cultural and Historical Resources, cont.

- The project is within or adjacent to an area that is identified by the State of Wisconsin as potentially having Native American artifacts, burial mounds or burial sites, which could be encountered during construction.
- If human bone or any artifacts are discovered during construction, work must cease immediately. Contact the Environmental Department who will contact the State Burial Sites Preservation Office and determine the next steps that must be taken in order to comply with state law. Work at that site MAY NOT PROCEED until the Environmental Department authorizes it.
- A "qualified archaeologist," as specified under Wis. Stats 157.70 (1) (i) and Wis. Admin. Code HS 2.04 (6), must be present to monitor all ground disturbing activities.

Frac-out Contingency Plan

- A frac-out contingency plan shall be on-site and implemented accordingly. The contingency plan shall incorporate the following components.
 - Continuously inspect the bore paths for frac-outs in order to respond quickly and appropriately.
 - Containment materials (e.g. silt fence, straw bales, sand bags, etc.) shall be on site and available should a frac-out occur.
 - A vac truck shall be accessible on short notice in order to respond quickly to a frac-out.

