



SUPPLEMENTAL PERMIT PROVISIONS

It is understood and agreed that approval of this utility permit is subject to applicant's full compliance with the standard supplemental permit provisions, special supplemental provisions found listed below, and the Wisconsin Department of Transportation's *Utility Accommodation Policy (UAP)*, current edition (Also known as Highway Maintenance Manual – Chapter 9, Section 15) <http://www.dot.wisconsin.gov/business/rules/property-uap.htm>

Permit Number: 2020132

1. Applicant/contractor needs to notify Tom Lanser (Gremmer Associates, 920-924-5720, t.lanser@gremmerassociates.com) at least 7 days prior to starting work.
2. Avoid closing both shoulders in the same location concurrently, as this proves very tight driving conditions for drivers non a 2-lane highway with a high volumes. The shoulder closure should not encroach into the travel way at all. The shoulder closure needs to stay inside the edgeline. When shoulder closure is not in use, the closure should be pulled back daily.
3. **Note:** If for whatever reason, a lane closure with flagging is needed, approval from the DOT traffic is required for allowable times, due to high volumes of traffic throughout the day.
4. (HMM 09-15-60-4.2) Send the LCS request to WisDOT for review and approval at the appropriate time in accordance with the following advance notifications guidelines:
 - a. 7 calendar days for any freeway ramp, lane or shoulder closure
 - b. 7 calendar days for full roadway closure of any state highway (detour involved)
 - c. 7 calendar days for closures that may impact oversize/overweight (OSOW) permits
 - d. 3 business days for closures non-freeway or shoulder closuresContact Josh Falk, (920) 366-8033 or joshua.falk@dot.wi.gov.
5. Follow Environmental guidelines added to this permit.
6. (HMM 09-15-45-3.2) Manual tracking is prohibited over traffic lanes. The bore head can be tracked up to the shoulder edge or back of curb.
7. The depth of bury for underground facilities crossing the right of way shall be a minimum of 36 inches as measured from a straight line connecting the lowest points of the finished ground or pavement surface on each side of the right of way to the top of the facility at the time of installation.
8. The depth of bury for underground facilities in the right of way shall be a minimum of 36 inches as measured from the finished ground surface to the top of the facility at the time of installation.
9. (HMM 09-15-25-2.0) Bore shall be perpendicular to the highway, and bore pits established no closer to the highway than the toe of in slope or back of curb.
10. (HMM 09-15-45-5.0) Restore any curb, gutter, pavement, shoulder, sidewalk, driveway, gravel base, ballast, or other highway element disturbed to the qualities, grades, compactions, conditions, etc., in accordance with WisDOT's [Standard Specifications for Highway and Structure Construction, current edition](#).



APPLICATION/PERMIT TO CONSTRUCT, OPERATE AND MAINTAIN UTILITY FACILITIES ON HIGHWAY RIGHT-OF-WAY

Wisconsin Department of Transportation
DT1553 7/2017 s. 66.0831, 84.08, 85.15, 86.07(2)(a), 86.16, 182.017 and other applicable Wis. Stats.

1. Applicant (Utility facility owner) Name and Address WE ENERGIES P.O. BOX 1699 APPLETON, WI 54912-1699		2. Work Start Date 5/4/2020	3. Work Finish Date★ 10/29/2021	6. Location Description (¼ section, section, town, range; provide plat and/or location maps) SW1/4 Sec.04 T22N R16E	
4. Is the work due to a WisDOT highway project? ☒ Yes ☐ No		5. Applicant Work Order (If any) 4459680, 4459694, and 4459720		7. Work Location (List all that apply) Town: Ellington/Greenville Village: _____ City: _____ County: Outagamie	
9. Facility Type (Check all that apply) and Description (Size, material, voltage, pressure, # fibers, etc.) ☐ Comm: _____ ☐ Electric: _____ ☒ Gas/Oil: 50psig/60psig ☐ Water: _____ ☐ Sewer: _____ ☐ Casing: _____ ☐ Conduit: _____ ☐ : _____ ☐ Transmission ☐ Service ☒ Distribution ☒ Service (ESCP)		12. Proposed Work Methods (Check all that apply) ☒ Trench ☐ Plow ☐ Place fill ☐ Rock blasting ☐ Place cable ☐ Open cut in conduit pavement ☐ Hand/mechanical excavation Bore: ☐ Hydraulic (Auger/Jack/Tunnel) ☐ Pneumatic (Mole) ☒ Directional 1 (Manually tracked) ☐ Directional 2 (Computer tracked) ☐ Unknown (At this time)		8. Highway (List all that apply) WIS: STH 15 US: _____ Interstate: _____	
10. Facility Orientation (Check all that apply) ☒ Underground ☐ Overhead ☒ Crossing ☒ Parallel ☐ OSOW high clearance route ☐ Structure attachment ☐ Scenic easement (Off right-of-way)		Install or attach to poles/towers: ☐ New ☐ Existing ☐ Guys (~Diameter) (Name of existing owner) (Provide details for all guy-wires on plan sheets) Pothole (Subsurface excavation): ☐ Air ☒ Water Tree/vegetation control: ☐ Trim (Prune) ☐ Plant ☐ Remove (Cut) ☐ Mow ☐ Chemically treat		13. Work Zone Description (Check all that apply). (Provide relevant diagram(s) with application.) ☐ Not applicable ☐ Full road closure: detour ☐ Full road closure: temporary ☐ Lane closure: without flagging ☐ Lane closure: with flagging ☒ Lane encroachment (2 feet or less) ☐ Intersection/roundabout ☒ Shoulder/parking lane closure ☐ Railroad crossing Freeway/expressway location ☐ Off shoulder: < 30' off white line ☐ Off shoulder: ≥ 30' off white line ☐ Near right-of-way line or fence Non-freeway/expressway location ☐ Off shoulder: < 15' off white line ☐ Off shoulder: ≥ 15' off white line ☐ Back of curb: < 2' behind ☐ Back of curb: ≥ 2' behind	
11. Work Types (Check all that apply) ☐ New facility ☐ Remove ☐ Joint install ☐ Maintenance ☒ Improve or repair existing ☒ Discontinue, left in place		14. Is the facility near a survey monument? If yes, call (866) 568-2852 or email geodetic@dot.wi.gov . ☐ Yes ☒ No		15. Will appurtenances be installed with the facility? If yes, provide a description and/or specification for each item. ☐ Yes ☒ No	
		16. Trans 401 project designation? If Major, provide a formal erosion control plan. HMM 09-15-55 ☐ Major ☒ Minor		17. Are any environmental approvals, certifications or permits required from other regulatory agencies, including tribal governments? If yes, provide a copy of each item. If no, provide proof of other agency coordination as needed. ☒ Yes ☐ No	

★ Includes permanent restoration. If the permitted work has not started by the "Work Finish Date", this permit is null and void. If the permitted work has started, but has not been completed by the "Work Finish Date", the work shall not be completed unless authorized through an approved written time extension or a subsequent permit. **ANY PERMIT ISSUED IS REVOCABLE.**

18. Utility Person Responsible for Construction Greg Smedema- Operation Supervisor	Telephone Number 920-380-3569	It is understood and agreed that WisDOT approval is subject to the applicant's full compliance with all pertinent statutes, as well as any regulations and rules of other jurisdictional agencies (which may be more restrictive), any supplemental permit provisions, and WisDOT's Utility Accommodation Policy , current edition.
19. Utility or Project 24/7 Emergency Contact We energies Emergency Hotline	Telephone Number 800-261-5325	
20. Provide company name and address of utility authorized representative if not employed by the applicant. Cody Beckman		3/6/2020 (Date) cody.beckman@we-energies.com
21. Provide additional work details, if needed (use back page or include separate pages) It is We energies intent to perform all of the gas facility relocations in the year 2020. There are four total work requests three under one permit one under a separate permit. See back page for work request list and areas.		Designer 920-380-3422 (Telephone Number) cody.beckman@we-energies.com (Email Address)
This permit does not transfer any land, or give, grant or convey any land right, right in land, or easement in WisDOT right-of-way. It is not assignable or transferrable. If a utility facility changes ownership, this permit terminates. The new owner must obtain a permit in order to operate and maintain the facility in WisDOT right-of-way.		

For Wisconsin Department of Transportation Use Only

☒ UTILITY SHALL NOTIFY WisDOT REPRESENTATIVE LISTED BELOW 3 DAYS BEFORE STARTING ANY WORK: Region contact, office address, telephone number and email address Linda Skaleski WisDOT, Northeast Region 944 Vanderperren Way Green Bay, WI 54304 920-492-4166 dotdtsdneutilitycoordination@dot.wi.gov	☒ Review All Supplemental Permit Provisions ☒ Revisions Made to Drawings or Other Pages ☒ Lane Closure System notification required HMM 09-15-60 ☐ Insurance or performance bond required ☐ Joint installation: See permit(s) # _____ ☐ Private utility (Non-public ownership and/or use) ☐ Expedited Service Connection Permit ☐ This permit voids & supersedes # _____ issued: _____ ☐	Application Received 3/26/2020 Application Completed 4/30/2020 Permit Issued 4/30/2020 Permit Extended Permit Amended	
	1146-75-72	Linda Skaleski Digitally signed by Linda Skaleski Date: 2020.04.30 15:07:50 -05'00'	Permit Number 2020132

APPLICATION/PERMIT TO CONSTRUCT, OPERATE AND MAINTAIN UTILITY FACILITIES ON HIGHWAY RIGHT-OF-WAY *(continued)*

Wisconsin Department of Transportation DT1553

(WisDOT Improvement Project ID Numbers, if applicable)

(WisDOT Authorized Representative Signature – If filled via computer, Brush Script font)

Use this section to provide information that does not fit on front page

This work for State ID 1146-75-72 is to be performed under work requests:

4459694 for STH 15 from Greendale Road to Manley Road

4459680 for the intersection of North Road and STH 15

4459720 for STH 15 from Julius Drive to Lily of the Valley Road

INDEMNIFICATION

This Applicant shall save and hold the State, its officers, employees, agents, and all private and governmental contractors and subcontractors with the State under Chapter 84 Wisconsin Statutes harmless, as allowed by Wisconsin law, from actions of any nature whatsoever (including any by Applicant itself) which arise out of, or are connected with, or are claimed to arise out of or be connected with any of the work done by the Applicant, or the construction or maintenance of facilities by the Applicant, pursuant to this permit or any other permit issued by the State for location of property, lines or facilities on highway right-of-way, (1) while the Applicant is performing its work, or (2) while any of the Applicant's property, equipment, or personnel, are in or about such place or the vicinity thereof, or (3) while any property constructed, placed or operated by or on behalf of Applicant remains on the State's property or right-of-way pursuant to this permit or any other permit issued by the State for location of property, lines or facilities on highway right-of-way; including without limiting the generality of the foregoing, all liability, damages, loss expense, claims, demands and actions on account of personal injury, death or property loss to the State, its officers, employees, agents, contractors, subcontractors or frequenters; to the Applicant, its employees, agents, contractors, subcontractors, or frequenters; or to any other persons, whether based upon, or claimed to be based upon, statutory (including, without limiting the generality of the foregoing, worker's compensation), contractual, tort, or whether or not caused or claimed to have been caused by active or inactive negligence or other breach of duty by the State, its officers, employees, agents, contractors, subcontractors or frequenters; Applicant, its employees, agents, contractors, subcontractors or frequenters; or any other person.

Without limiting the generality of the foregoing, the liability, damage, loss, expense, claims, demands and actions indemnified against shall include all liability, damage, loss, expense, claims, demands and actions for damage to any property, lines or facilities placed by or on behalf of the Applicant pursuant to this permit or any other permit issued by the State for location of property, lines or facilities on highway right-of-way in the past or present, or that are located on any highway or State property or right-of-way with or without a permit issued by the State, for any loss of data, information, or material; for trademark, copyright or patent infringement; for unfair competition or infringement of personal or property rights of any kind whatever. The Applicant shall at its own expense investigate all such claims and demands, attend to their settlement or other disposition, defend all actions based thereon and pay all charges of attorneys and all other costs and expenses of any kind arising from any such liability, damage, loss, claims, demands and actions.

Any transfer, whether voluntary or involuntary, of ownership or control of any property constructed, placed or operated by or on behalf of the Applicant that remains on the State's property or right-of-way pursuant to this permit shall not release Applicant from any of the indemnification requirements of this permit, unless the State is notified of such transfer in writing. Any acceptance by any other person or entity, whether voluntary or involuntary, of ownership or control of any property constructed, placed or operated by or on behalf of the Applicant that remains on the State's property or right-of-way pursuant to this permit, shall include acceptance of all of the indemnification requirements of this permit by the other person or entity receiving ownership or control.



STANDARD SUPPLEMENTAL PERMIT PROVISIONS

For Wisconsin Department of Transportation Utility Facility Permits

Acronyms used in this document:

- BMPs: Best Management Practices
- R/W: Right-of-Way
- UAP: Utility Accommodation Policy
- HMM: Highway Maintenance Manual
- WisDOT: Wisconsin Department of Transportation

1. GENERAL WORK REQUIREMENTS

- As required by Wisconsin Statute 182.0175, when filing your Diggers Hotline request ensure that this WisDOT Permit Number is in the Remarks Section of the Diggers Hotline Ticket.
- The Permittee shall bore under all driveways, private entrances, wetlands, culverts, and all roadways.
- The Permittee is responsible for obtaining any permits from the Department of Natural Resources, or any other agency that may have an interest in the area impacted by the construction of the utility facility.

2. **WORK DUE TO A WISDOT HIGHWAY PROJECT.** This approved permit constitutes acceptance that the work in this permit is compatible with permit requirements. This approved permit is NOT a Work Plan Approval/Start Work Notice as required by Trans 200.05(07). This approved permit is NOT a Work Plan Approval/Start Work Notice for a non-Trans 220 project. This approved permit does NOT approve or authorize an agreement between WisDOT and the Permittee for compensable work due to a WisDOT highway project.

3. **PERMIT TERM.** For as long as the Permittee continues to own, operate and maintain this utility facility within WisDOT R/W in accordance with the terms of its permit and WisDOT's UAP, this permit shall be valid.

4. **REVOCATION BY WISDOT.** WisDOT may revoke this permit if its own use of the R/W would be facilitated by the full or partial relocation of the Permittee utility facility, and shall provide the Permittee with written notice prior to revocation. At which time WisDOT shall work with the Permittee to find a suitable replacement area on R/W near the terminated location if possible. WisDOT shall not compensate the Permittee to move its utility facility in keeping with WisDOT's policy on compensable / non-compensable utility facility moves.

5. **TERMINATION BY PERMITTEE.** The Permittee may terminate this permit upon 60 days written notice to WisDOT. Upon such termination, the Permittee shall either remove its communication cable facility from the R/W, or abandon it in-place provided it does not constitute an environmental hazard.

6. **HOLIDAY WORK RESTRICTIONS for 2020.** The Permittee shall not work on January 1, May 25, July 3 & 4, September 7, and November 26, and December 25.

7. **WORK-TIME RESTRICTIONS.** Weekday work is from sunrise to sunset. Weekend work may be allowed upon prior approval from WisDOT. No work shall take place during nighttime hours unless authorized by WisDOT.

8. **TRAFFIC CONTROL.** All work zone traffic control will be in accordance with the Wisconsin Manual on Uniform Traffic Control Devices. Additional guidance is available from WisDOT through a booklet entitled, *Work Zone Safety, Guidelines for Construction, Maintenance, and Utility Operations* or from HMM 09-15-60.

9. **WORK AREA PROTECTION DURING NON-WORK TIMES.** The Permittee may store vehicles, equipment, or materials on the non-freeway R/W provided they are placed as close to the non-freeway R/W line as possible, but no less than 30 feet from the edge of the nearest travel lane. If vehicles, equipment, or materials must be parked or stored within an area that is less than 30 feet from the edge of the nearest travel lanes, appropriate temporary concrete or water-filled barriers, signing, and devices shall be utilized. The Permittee shall ensure that any excavations left open during non-work times are well marked and secured from public intrusion.

The primary objective will be maintenance of a safe traffic and working environment. No operation shall to any extent pose any hazard neither to, nor in any manner influence traffic at any time.

All vehicles used to conduct the work operations will be equipped with conspicuously visible roof-mounted revolving or strobe lights. These lights shall be in operation just prior to and during the time the work operations are being conducted. Hazard warning lights on the vehicles must also be operating.

10. **WORK RESTRICTIONS.** For the purposes of placement of these facilities, as stated with this permit request, the State security fence shall not be opened or damaged.

11. **CLEAR ZONE / DRAINAGE INTERFERENCE.** No topsoil or other excavated piles of soil shall be deposited in any manner that interferes with the clear zone or regular drainage patterns within the highway.

As much as possible, all equipment, operations, and spoil material should be situated or accomplished off of the highway.

12. **EROSION CONTROL.** The Permittee shall use the appropriate erosion control BMPs to contain soil directly at the site to prevent disturbed soil from getting into nearby waterways and wetlands. All appropriate erosion control devices shall be in place **prior to starting construction activities**. Temporary seeding shall be used as necessary after rough grading and before completion of the project. The Permittee shall ensure that erosion control BMPs used to protect restored areas remain in place until replacement vegetation achieves sustained growth.

The Permittee shall take all precautions necessary to prevent mud, dirt, or other debris from being deposited onto the shoulder or pavement of all access roads or highways. Any materials deposited on the shoulder or pavement shall be removed immediately. Ruts may remain as is if the Permittee is accessing the R/W from private property, but appropriate erosion control BMPs shall be used to contain disturbed soil at the site.

13. **R/W RESTORATION.** Upon completion of the project a variation of erosion control measures will be required to restore the area that has been disturbed allowing it to return to the manner it was in previous to the construction. All disturbed sites will require a seed mixture that includes a quick sprouting variety with fertilizer and mulch. Other possibilities that may have to be considered are Geotextile fabric, e-mat, and stone ditch checks.

The Permittee is responsible to assure that erosion control measures used to protect restored areas remain in place until replacement vegetation achieves sustained growth.

The basic drainage pattern of the highway shall remain undisturbed by the permitted work. Upon project completion, all spoils, debris, refuse, and waste resulting from the permitted work shall be removed from the work site. Should future maintenance work on the Permittee's utility facility result in the disturbance of the existing R/W, the Permittee shall restore the R/W to its original condition as soon as possible.

Any works or operations not in full compliance herewith shall justify an order by any inspecting officer of WisDOT to cease all further progress on the work, and to accomplish all restorations of disturbed areas, including full restorations of the pavement

Upon completion of the work, all disturbed areas shall be restored according to requirements stated in the Utility Accommodation Policy, HMM 09-15-65, and in a manner satisfactory to WisDOT

14. **NOTIFICATIONS / CONTACTS.** Notify Northeast Region permit coordinator/field inspector, by phone or email, three days prior to the start of construction. Notify Diggers' Hotline 800/242-8511 at least three working days prior to the start of any excavation. It is the obligation of the permittee to determine the location of, and avoid any damage to, the pre-existing lines and facilities of others.

15. **TREES.** Prevent the spread of oak wilt by treating all cut surfaces and abrasions sustained **between April 1 and September 30** by healthy oak trees and saplings with a thorough application of tree paint immediately upon discovering a wound. Between these dates, also paint the cut surfaces of the stumps of all healthy oak trees and saplings immediately after cutting, whether remaining in place or grubbed.

This permit approves the installation of facilities as shown on the diagram provided. If the above assigned position is not feasible, an alternate location of facilities shall be approved prior to installing the facilities by contacting the permit coordinator approving the permit. If the facility is later discovered to be at a location other than that designated by the permit you may be required to relocate the facility at your expense.

This permit is subject to the attached drawings, these supplemental provisions, and WisDOT's Utility Accommodation Policy. New supplemental provisions may be added, or the existing ones deleted or amended in the future as different issues arise during the installation, operation and maintenance of the permittee's facilities.

3.3 Subsurface Utility Excavation (SUE)

WisDOT allows SUE as a necessary tool for accurate vertical location of utilities. Two methods are available: air (vacuum) and water (jetting). Within the pavement structure (lanes, shoulders, curb & gutter), use **air** SUE rather than water. Water may be allowed if the air method cannot penetrate frozen and/or densely compacted soil. Air or water SUE may be used in other R/W areas beyond the pavement structure. Table 1 below outlines the basic steps for SUE work.

Consult WisDOT prior to using water SUE. If WisDOT agrees to its use, check the SUE water jetting box on the permit application and show hole locations on a drawing. Submit **before** pavement condition pictures at each SUE hole with the permit application, and provide pictures of the fully restored holes **after** the job is completed. This provides WisDOT and the utility with documentation that the restoration was finished. Monitor the holes over the next few years, or until WisDOT is satisfied that no additional settling is occurring or until a new resurfacing or pavement replacement project is done. A utility must repair any SUE hole settlement (Figure 2).

Numerous pictures are not needed. But pictures should be taken from the same angle and distance for the before and after conditions, and be far enough away to provide some sort of perspective for the location (i.e., not right next to the hole). Take pictures with a digital camera so they can be sent electronically, or if taken with a conventional camera, scan and send to WisDOT in a .jpg or .pdf format. No pictures are required for air SUE.

Use round cores for SUE holes within the pavement structure. Round cores are preferred since they prevent stress cracks due to elimination of corners. The maximum size of a SUE hole is 12" in diameter in the wheel paths and a maximum of 16" in diameter outside the wheel paths. Beyond the pavement structure, the hole size may be larger (18"-24") and square upon WisDOT approval.

Table 1: Basic SUE Steps

- 1) Pavement is saw cut full depth, with a bit ranging from 12" to 16" in diameter; resulting in a "core".
- 2) The core is removed and saved for reuse (if structurally sound).
- 3) A protective steel ring is placed to protect the edge of the opening from damage.
- 4) Vacuum equipment is used to excavate compacted material from bottom of base course down to beneath utility facility.
- 5) Utility work is performed (e.g., leak repair, service connection).
- 6) Utility facility is protected with fine material.
- 7) Self-mixing flowable fill material is placed from top of fine material to bottom of base course (fill is designed to be traffic-bearing in 90 minutes).
- 8) Non-shrink grout is placed (grout is designed to be traffic-bearing in about 90 minutes).
- 9) The removed core (or a generic equivalent replacement core) is placed in the remaining opening (original alignment and orientation is maintained if removed core is used) forcing the grout to the surface to fill the annular space and core extraction hole.
- 10) The restored opening is sealed.



Figure 2: Improper SUE Restoration

3.4 Non-Metallic Lines

Any non metallic pipe, cable or other kind of utility line which lacks a continuous and integral metallic component capable of detection by locating instruments shall be accompanied in its location by a continuous detectable metallic tracer wire or metallic tape.

3.5 Casing

Where crossings by underground lines are encased in protective conduit or duct, the encasement shall extend at least two feet beyond the toe of slope or three feet beyond the ditch line. On curbed sections, it shall extend at least outside the outer curbs.

CLEARING AND GRUBBING

Burning of stumps, roots, brush, waste logs and limbs, timber tops, and debris resulting from clearing and grubbing is not allowed.

Oak Wilt

To prevent the spread of oak wilt, avoid cutting or pruning of oak trees and saplings from April 1 through September 30. If work cannot be completed outside of the avoidance window, treat cut surfaces and abrasions sustained between April 1 and September 30 by healthy oak trees and saplings with a thorough application of tree paint immediately upon discovering a wound. Between these dates, also paint the cut surfaces of the stumps of healthy oak trees and saplings immediately after cutting, whether remaining in place or grubbed.

Emerald Ash Borer

The emerald ash borer (EAB) has resulted in a quarantine of ash trees (*Fraxinus*, sp) by the Wisconsin Department of Agriculture, Trade, and Consumer Protection (DATCP) and the Wisconsin Department of Natural Resources (DNR).

Ash trees include the following species:

- a. Green ash (*F. pennsylvanica*) is found throughout the state, but is most common in southern Wisconsin. It may form pure stands or grow in association with black ash, red maple, swamp white oak, and elm. It grows as an associate in upland hardwood stands, but is most common in and around stream banks, floodplains, and swamps.
- b. Black ash (*F. nigra*) is distributed over the entire state but is most frequently found in northern Wisconsin. It is most common in swamps, but is also found in other wet forest types.
- c. Blue ash (*F. quadrangulata*) is a threatened species that is currently found only at a few sites in Waukesha county. The species is at the edge of its range in Wisconsin, but is common in states farther south. The species is not of commercial importance.
- d. Mountain ash (*Sorbus Americana* and *S. decora*) is not a true ash and is not susceptible to EAB infestation.

Follow and obey the following Wisconsin Department of Agriculture, Trade, and Consumer Protection order:

ATCP 21.17 Emerald ash borer; import controls and quarantine.

IMPORTING OR MOVING REGULATED ITEMS FROM INFESTED AREAS; PROHIBITION. Except as provided in sub. (3), no person may do any of the following: (a) Import a regulated item under sub. (2) into this state if that item originates from an emerald ash borer regulated area identified in 7CFR 301.53-3.

(b) Move any regulated item under sub. (2) out of an emerald ash borer regulated area that is identified in 7CFR 301.53-3 and located in this state.

Note: the United States Department of Agriculture-Animal and Plant Health Inspection Service (USDA-APHIS) periodically updates the list of regulated areas in 7CFR 301.53-3. Subsection (1) applies to new regulated areas as those areas are identified in the CFR.

REGULATED ITEMS. The following are regulated items for purposes of sub. (1):

1. the emerald ash borer, *Agrilus planipennis* (Fairmaire) in any living stage.
2. Ash trees.
3. Ash limbs, branches, and roots.
4. Ash logs, slabs or untreated lumber with bark attached.
5. Cut firewood of all non-coniferous species.
6. Ash chips and ash bark fragments (both composted and uncomposted) larger than one inch in diameter.
7. Any other item or substance that may be designated as a regulated item if a DATCP pest control official determines that it presents a risk of spreading emerald ash borer and notifies the person in possession of the item or substance that it is subject to the restrictions of the regulations.

The quarantine means that ash wood products may not be transported out of the quarantined area. If ash trees are identified within clearing and grubbing limits, the following measures are required for the disposal:

Chipped ash trees

1. May be left on site if used as landscape mulch within the project limits.
2. May be buried on site within the WisDOT right-of-way
3. May be buried on adjacent properties to projects within the quarantined zone with prior approval from WisDOT
4. May be trucked to a licensed landfill within the quarantined zone with WisDOT approval
5. Chips must be disposed of immediately and may not be stockpiled.
6. Chipper equipment must be cleaned following post-chipping activities to insure no spread of wood chip debris into non-quarantined counties.

Ash logs, branches, and roots

1. May be buried without chipping within the existing ROW or on adjacent properties
2. May be trucked to a licensed landfill within the quarantined zone with WisDOT approval
3. Ash logs, branches, and roots must be disposed of immediately and may not be stockpiled.

Anyone moving firewood or ash products from the state or these counties is subject to state and federal fines. All fines are the responsibility of the utility and/or their contractor. Obtain updated quarantine information at the DNR Firewood Information Line at 1-800-303-WOOD.

ENVIRONMENTAL PROTECTION

Invasive Plant Species

Phragmites australis (common reed) and *Dipsacus fullonum* (common teasel), invasive plant species, exist in isolated populations within the WIS 15 project corridor. Known locations of both species have been geo-located by WisDOT and are provided in the attached map. Other undocumented populations may exist within the corridor.

All soils containing plant or root fragments that will be disturbed as part of the work shall, at a minimum, be returned to the location where the plant currently exists. If the opportunity exists, the material can be buried to a minimum depth of 10 ft in an upland area or disposed at a landfill.

Prior to moving equipment out of infested area clean soils, seeds, plant parts, or invertebrates from exterior surfaces. Use most effective method that is practical by the following methods: Brush, broom, or other hand tools; high pressure air; steam cleaning; or portable wash station that contains runoff from washing equipment. Do not clean equipment, vehicles or trailers in or near waterways as it may promote the spread of invasive species downstream.

Additional information on this plant can be found at the following website:

<http://dnr.wi.gov/topic/invasives/fact/phragmites.html>

Exotic Aquatic Species Control

Exotic aquatic invasive organisms such as zebra mussels and Eurasian water milfoil, are becoming more prolific in Wisconsin and pose adverse effects to waters of the state. Wisconsin State Statutes 30.715, "Placement of Boats, Trailers, and Equipment in Navigable Waters", details the state law that requires the removal of aquatic plants and zebra mussels each time equipment is put into state waters. The cleaning procedures outlined below must be followed for equipment that comes in contact with waters of the state and/or infested water or potentially infested water in other states.

All equipment that has come into contact with potentially infested material must be thoroughly disinfected before use in this project. Use the following inspection and removal procedures (guidelines from the Wisconsin Department of Natural Resources) for disinfection:

- Wash machinery so that it is free of soils, etc. that could possibly contain exotic invasive species prior to leaving the contaminated site;
- Drain all water from boats, trailers and other surfaces. Scrape off any attached mussels, remove any aquatic plant materials (fragments, stems, leaves, seeds or roots), and dispose of removed mussels and plant materials in a garbage can prior to leaving the area or infested waters; and

- Complete the inspection and removal procedure before equipment is brought to the project site and before the equipment leaves the project site.

Dewatering

If dewatering is required, treat the water to remove suspended solids before allowing it to enter any waterway or wetland. Provide a sedimentation basin with sufficient capacity and size to provide an efficient means to filter the water from the dewatering operation before it is discharged back into the waterway or wetland. As part of the erosion control and storm water plan, or equivalent, supply all pertinent information and calculations used to determine the best management practice for dewatering at each location it is required.

Refer to the dewatering guidelines of the WDNR Storm Water Management Technical Standards, Code #1061, “Dewatering”. This document can be found at the WDNR website: http://dnr.wi.gov/topic/stormwater/standards/const_standards.html. Utility should coordinate with the WDNR as appropriate.

Contact WisDOT Environmental Coordinator Jennifer Gibson (920-492-4160, Jennifer.Gibson@dot.wi.gov) with questions about these requirements.



Julius Drive
to the west

Lily of the Valley
Drive to the east

Daubenmire Classification Scheme	
Cover Class	Percent Foliage Cover
1	1 - 5%
2	5 - 25%
3	25 - 50%
4	50 - 75%
5	75 - 95%
6	95 - 100%

Legend

Invasive Species Point
(single plant to 20 stems)

●

Phragmites australis

Robert E. Lee
& Associates, Inc.



Engineering, Surveying,
Environmental Services

Figure 4

Invasive Species
East Location

12/11/2019

Wisconsin Department of Transportation

WIS 15 Vegetation Management

WisDOT Project #1146-75-00

REL Project No. 15107099

Towns of Hortonia, Ellington, and Greenville

Outagamie County, Wisconsin

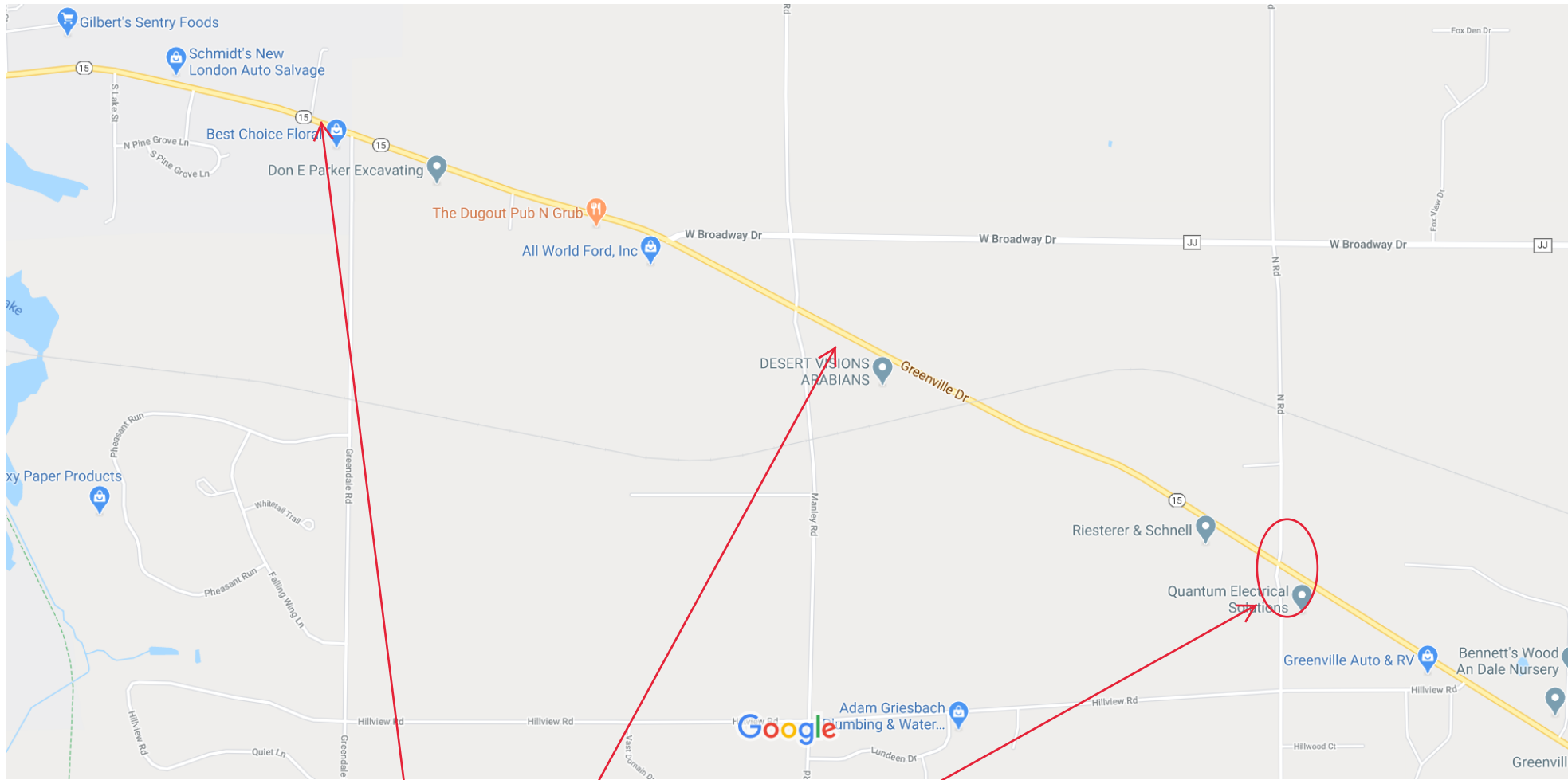
Sources: Robert E. Lee
& Associates, Inc.,
Outagamie County

Disclaimer: Robert E. Lee & Associates, Inc.
makes every effort to ensure this map is free
of errors but does not warrant the map or its
features are either spatially or temporally
accurate or fit for a particular use. Robert E.
Lee & Associates, Inc. provides this map
without any warranty of any kind whatsoever,
either expressed or implied.

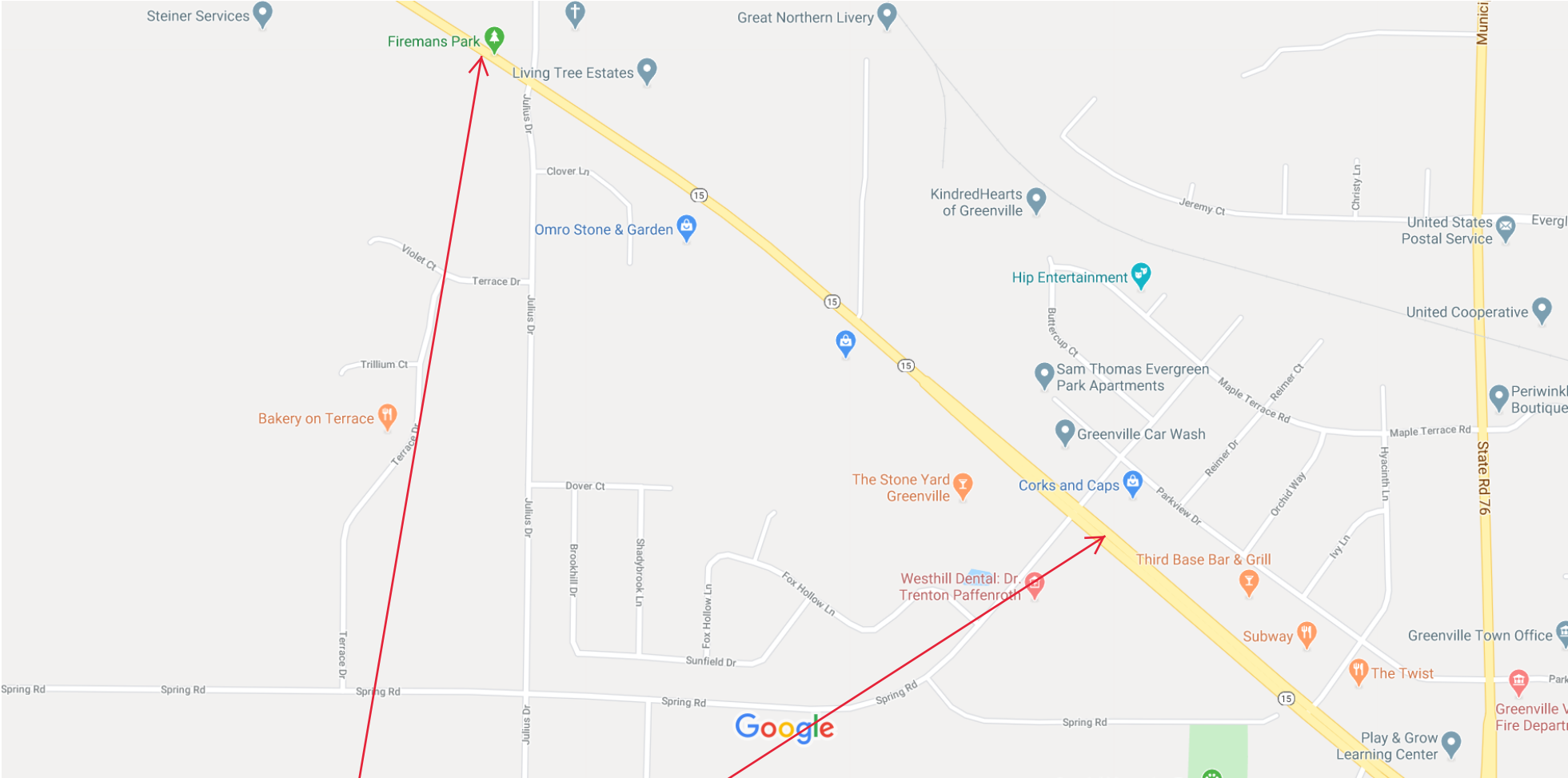


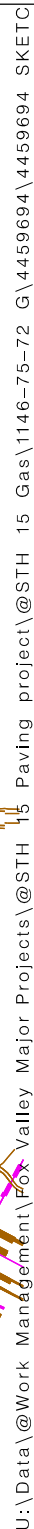
0100 Feet

Document Path: \\s11drive\NES\GIS\Jobs\15107-WI\Department of Transportation-Central\15107099 - HWY 15\InvasiveSpecies - East Location.mxd



Map data ©2020 1000 ft







GAS WORK REQUEST

4459694

N2598 - SHOP

BANKER, MARK L

BECKMAN
PLAT OF SURVEY

PIN 080077600
ARNOLD J. WEYERS & MARY S. WEYERS
DOC. 972975

LATENT AMBIGUITY
IN DEED



TEM NO.	DESCRIPTION
1	TEE, PE MED VOLUME 3" X 2"
2	CLAMP, 3" IPS SUPPORT
3	REDUCER, 4IPS BUTT X 3IPS BUTT
4	ELL, 4" IPS 90 DEG. BUTT FUSE
5	CAP, 3" IPS BUTT FUSION END
6	TEE, PE MED VOLUME 3" X 2"
7	ELL, 4" IPS 90 DEG. BUTT FUSE
8	POST, TYPE #3 CONTROL PT #204815
9	ANODE, 1LB. MAGNESIUM (2)
10	SQUEEZE POINT

12" WATTLES MUST BE PLACED
BETWEEN THE EXCAVATION
AND THE WATERWAY

SEE DETAIL
THIS PAGE

PROPOSED 4" PE 8'

2" BYPASS

RETIRE TP 129797
REMOVE TEST BOX
AND ALL WIRES.

CAUTION

WETLAND BOUNDARY

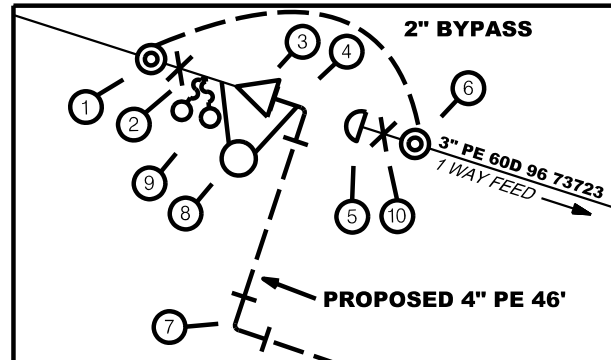
PROPOSED 4" PE 46'

PROPOSED 4" PE BORE 441'

WETLAND BOUNDARY

NOTE: LABEL THE CONTROL POST AT POINT 8 #204815
*BRING NEW AND EXISTING PE TRACER WIRES INTO
THE TEST POST ALONG WITH 2X1# ANODE WIRES.
*ATTACH THE ANODE WIRE TO THE EXISTING PE TRACER WIRE,
ATTACH AN ANODE WIRE TO THE NEW PE TRACER WIRE.
*KEEP THE NEW PE TRACER WIRE SEPARATED FROM THE
EXISTING PE TRACER WIRE.
*LABEL EACH WIRE WITH MATERIAL AND DIRECTION.

DETAIL



PIN 080077800
PATRICK & DAWN MCNICHOLS
DOC. 1981571
ZEMPLE, DENNIS H & LOIS

PIN 080077802
WAYNE V. GERDTS & ZELLA J. GERDTS
DOC. 1583255
LC DOC. 1850354
GERDTS, WAYNE V & ZELLA J

FRAC.
SW-SW
SEC. 31, T22N, R16E

N2587 - SHOP
T&R
5/8" PE
878722

SCALE 1" = 50'

SHEET 2 OF 13

SHEET 3



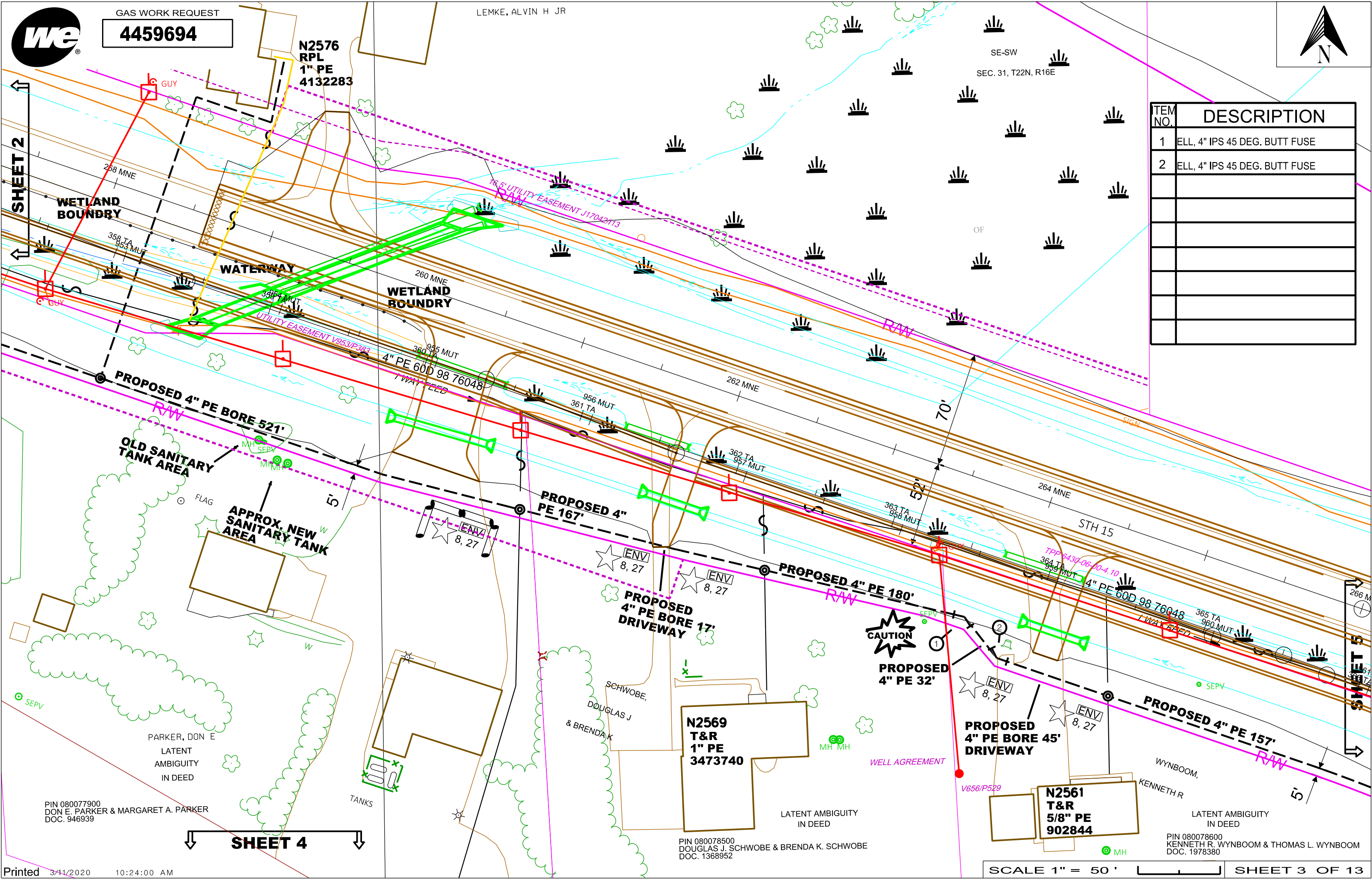
GAS WORK REQUEST

4459694

LEMKE, ALVIN H JR



ITEM NO.	DESCRIPTION
1	ELL, 4" IPS 45 DEG. BUTT FUSE
2	ELL, 4" IPS 45 DEG. BUTT FUSE



PIN 080077900
DON E. PARKER & MARGARET A. PARKER
DOC. 946939

SHEET 4

PIN 080078500
DOUGLAS J. SCHWOBE & BRENDA K. SCHWOBE
DOC. 1368952

N2561
T&R
5/8" PE
902844

PIN 080078600
KENNETH R. WYNBOOM & THOMAS L. WYNBOOM
DOC. 1978380

SCALE 1" = 50'

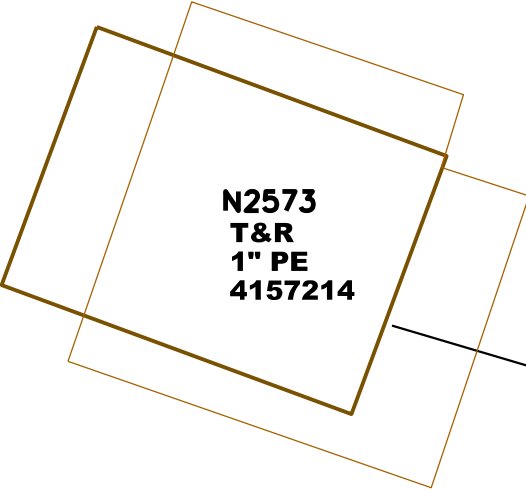
SHEET 3 OF 13



GAS WORK REQUEST

4459694

↑ SHEET 3 ↑



PIN 080078500
DOUGLAS J. SCHWOBE & BRENDA K. SCHWOBE
DOC. 1368952

PARKER, DON E
LATENT
AMBIGUITY
IN DEED

PIN 080077900
DON E. PARKER & MARGARET A. PARKER
DOC. 946939

PARKER, DON E & MARGARET

YOUNG, RUTH M

ZEMPLE, DENNIS H & LOIS

YOUNG, RUTH M

TOWN



GAS WORK REQUEST

4459694

PROPOSED MAIN FROM STATION 22+43
EAST TO 134' PAST STATION 29+00 IS TO
BE INSTALLED AT A DEPTH OF 5' FROM
EXISTING GRADE.

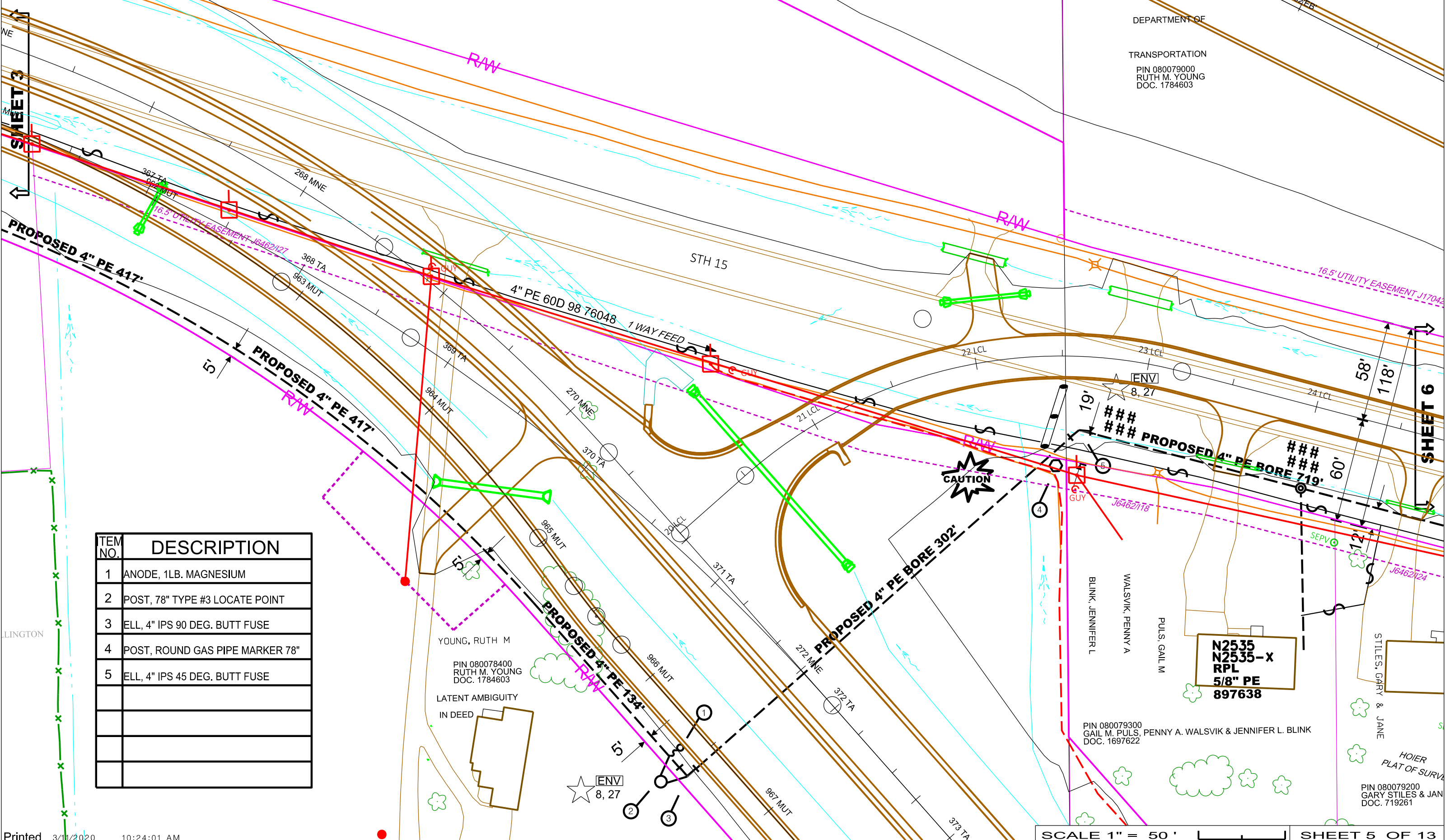
PIN 080078200
JOAN M. JOSSART SURVIVOR'S TRUST U/A/D MAY 5, 1988
DOC. 1749135

STATE OF WISCONSIN

DEPARTMENT OF

TRANSPORTATION

PIN 080079000
RUTH M. YOUNG
DOC. 1784603



ITEM NO.	DESCRIPTION
1	ANODE, 1LB. MAGNESIUM
2	POST, 78" TYPE #3 LOCATE POINT
3	ELL, 4" IPS 90 DEG. BUTT FUSE
4	POST, ROUND GAS PIPE MARKER 78"
5	ELL, 4" IPS 45 DEG. BUTT FUSE



GAS WORK REQUEST

4459694

PROPOSED MAIN FROM STATION 22+43
EAST TO 134' PAST STATION 29+00 IS TO
BE INSTALLED AT A DEPTH OF 5' FROM
EXISTING GRADE



SHEET 5

N2531
RPL
5/8" PE
896880

N2527

PIN 080079400
REGINA HOIER,
DOC. 1903245

HOIER, REGINA

PIN 080079100
RJR VENTURES, LLC
DOC. 1928357
RJR VENTURES LLC

N2519
RPL
5/8" PE
896920

N2519- TAV
RPL
3/4" PE
896926

PIN 080079500
RJR VENTURES, LLC
DOC. 1928357

RJR VENTURES LLC

WATTERS, DAVID
PIN 080078900
DAVID WATTERS
DOC. 1748718

ELLINGTON

STH 15

BILLBOARD

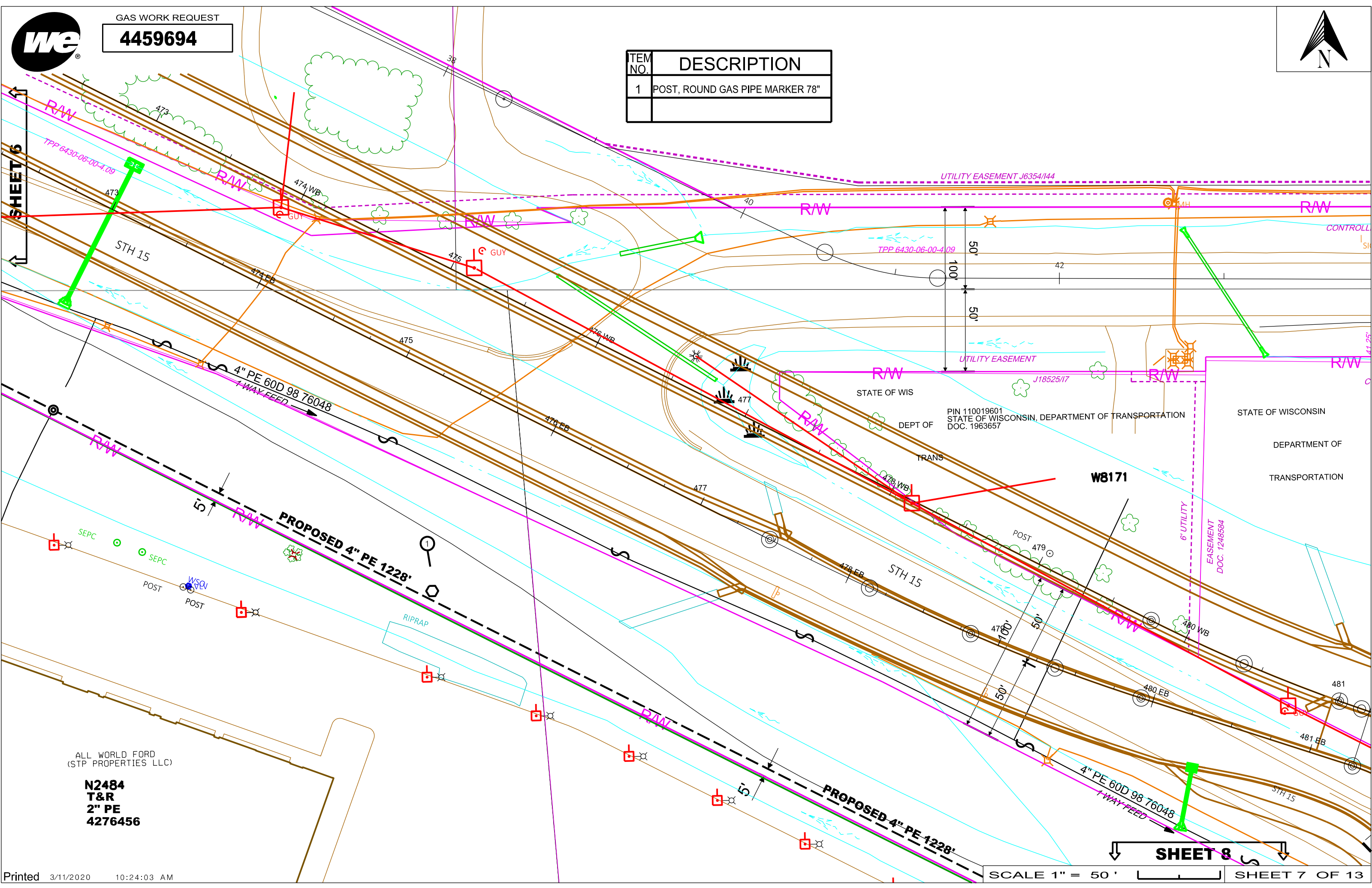
SHEET 7



GAS WORK REQUEST

4459694

ITEM NO.	DESCRIPTION
1	POST, ROUND GAS PIPE MARKER 78"



SHEET 6

SHEET 8

SHEET 7 OF 13

SCALE 1" = 50'

ALL WORLD FORD
(STP PROPERTIES LLC)

N2484
T&R
2" PE
4276456

ITEM NO.	DESCRIPTION
1	ELL, 4" IPS 90 DEG. BUTT FUSION
2	POST, ROUND GAS PIPE MARKER 78"
3	ELL, 4" IPS 45 DEG. BUTT FUSION
4	POST, 78" TYPE #3 LOCATE POINT
5	ELL, 4" IPS 90 DEG. BUTT FUSION
6	POST, ROUND GAS PIPE MARKER 78"
7	ELL, 4" IPS 45 DEG. BUTT FUSION
8	ANODE, 1LB. MAGNESIUM

PIN 110019606
PATRICIA H. JACK
DOC. 1966221



CAUTION

12" SEDIMENT LOGS

EROSION MAT IN SWALE

SCALE 1" = 50'

SHEET 8 OF 13



GAS WORK REQUEST

4459694

SHEET 10



SHEET 8

ITEM NO.	DESCRIPTION
1	ELL, 4" IPS 90 DEG. BUTT FUSION
2	POST, ROUND GAS PIPE MARKER 78"
3	ELL, 4" IPS 90 DEG. BUTT FUSION
4	POST, ROUND GAS PIPE MARKER 78"
5	TEE, 4" IPS BUTT FUSION
6	POST, 78" TYPE #3 LOCATE POINT
7	VALVE, 4" IPS PE V84585 CONVENIENT
8	VALVE, 4" IPS PE V84586 CONVENIENT
9	ELL, 4" IPS 45 DEG. BUTT FUSION
10	POST, ROUND GAS PIPE MARKER 78"
11	POST, ROUND GAS PIPE MARKER 78"
12	ELL, 4" IPS 90 DEG. BUTT FUSION
13	ELL, 4" IPS 45 DEG. BUTT FUSION

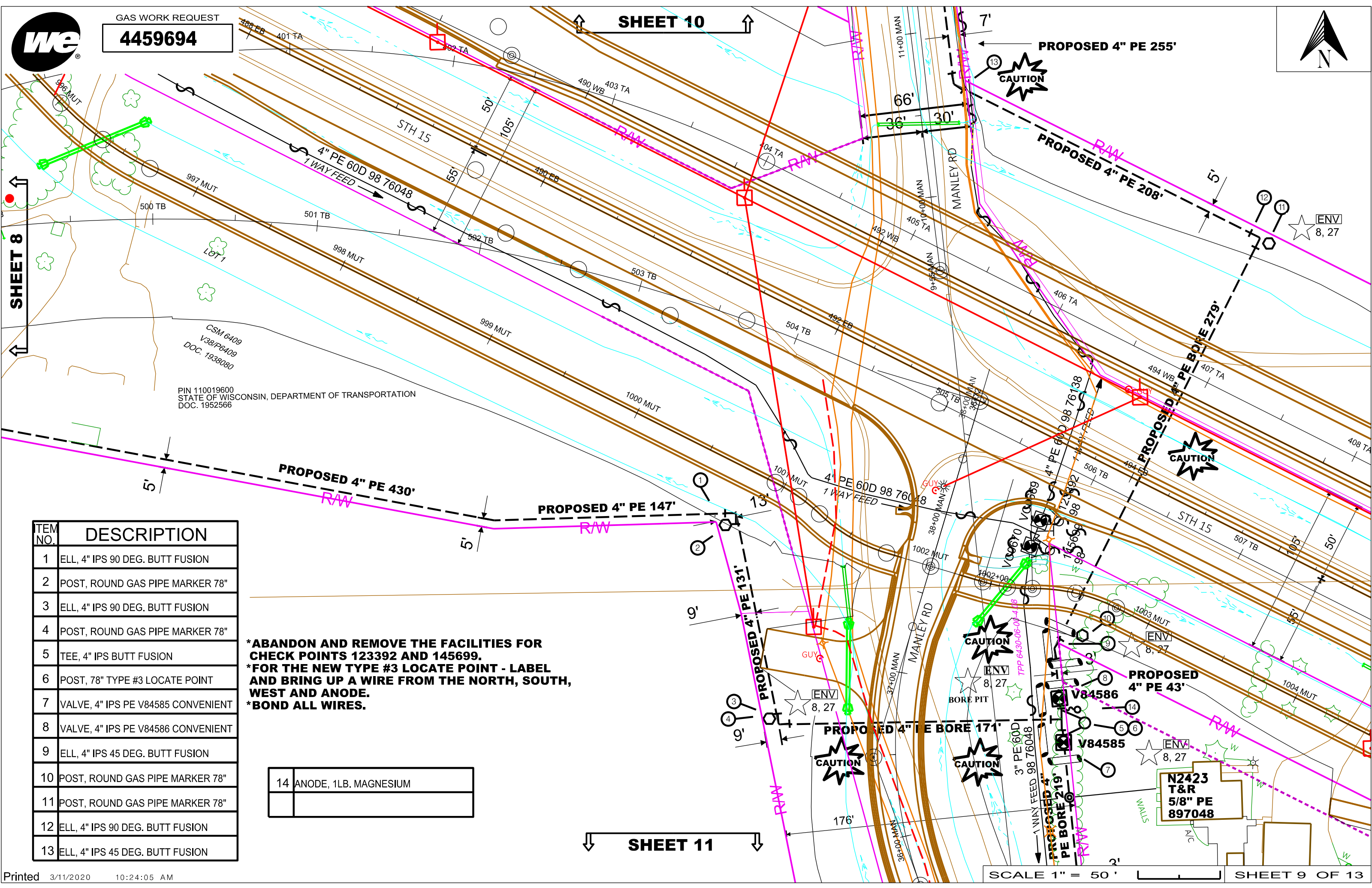
***ABANDON AND REMOVE THE FACILITIES FOR CHECK POINTS 123392 AND 145699.**
***FOR THE NEW TYPE #3 LOCATE POINT - LABEL AND BRING UP A WIRE FROM THE NORTH, SOUTH, WEST AND ANODE.**
***BOND ALL WIRES.**

14	ANODE, 1LB. MAGNESIUM

SHEET 11

SCALE 1" = 50'

SHEET 9 OF 13

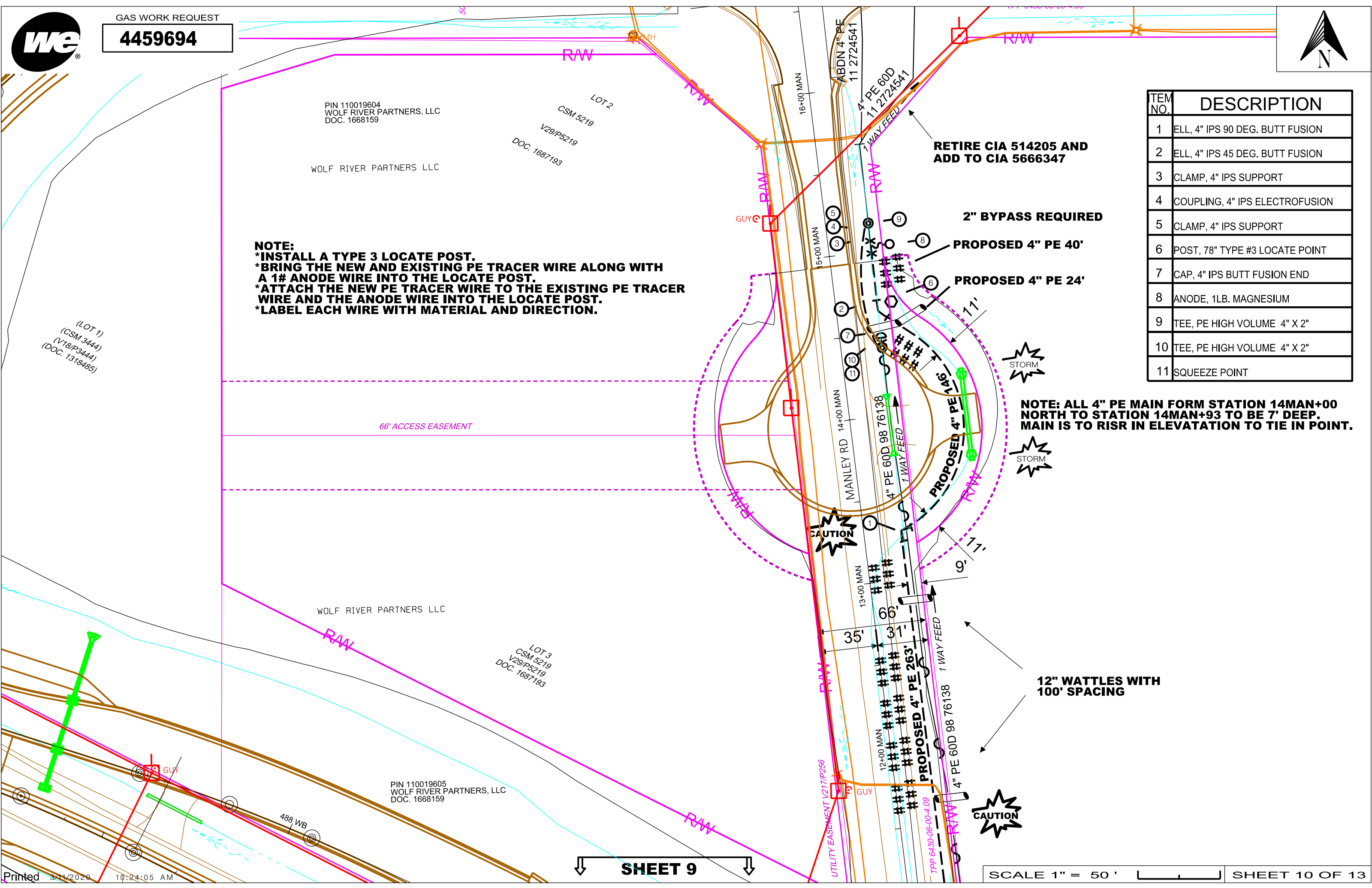




NOTE:
*INSTALL A TYPE 3 LOCATE POST.
*BRING THE NEW AND EXISTING PE TRACER WIRE ALONG WITH
A 1# ANODE WIRE INTO THE LOCATE POST.
*ATTACH THE NEW PE TRACER WIRE TO THE EXISTING PE TRACER
WIRE AND THE ANODE WIRE INTO THE LOCATE POST.
*LABEL EACH WIRE WITH MATERIAL AND DIRECTION.

TEM NO.	DESCRIPTION
1	ELL, 4" IPS 90 DEG. BUTT FUSION
2	ELL, 4" IPS 45 DEG. BUTT FUSION
3	CLAMP, 4" IPS SUPPORT
4	COUPLING, 4" IPS ELECTROFUSION
5	CLAMP, 4" IPS SUPPORT
6	POST, 78" TYPE #3 LOCATE POINT
7	CAP, 4" IPS BUTT FUSION END
8	ANODE, 1LB. MAGNESIUM
9	TEE, PE HIGH VOLUME 4" X 2"
10	TEE, PE HIGH VOLUME 4" X 2"
11	SQUEEZE POINT

**NOTE: ALL 4" PE MAIN FORM STATION 14MAN+00
NORTH TO STATION 14MAN+93 TO BE 7' DEEP.
MAIN IS TO RISR IN ELEVATION TO TIE IN POINT.**





GAS WORK REQUEST

4459694

SHEET 9



15' DRIVEWAY EASEMENT DOC. 1967329

N2407
RPL
3/4" PE
918862

PIN 110019603
DEBORAH J. JACK
DOC. 1329583

JACK, DEBORAH J
LOT 3
CSM 3444
V18/P3444
DOC. 1318485

SEPV
SEPTIC
SEPV



PIN 110017100
JAMES D. DEMPSEY & JEANNE E. DEMPSEY
DOC. 1033444

DEMPSEY, JAMES D & JEANNE E

PLACE 2 12" SEDIMENT LOGS
WITH 75' SPACING IN DITCH LINE

ENV
8, 27

TEM NO.	DESCRIPTION
1	ELL, 4" IPS 90 DEG. BUTT FUSION
2	ELL, 4" IPS 90 DEG. BUTT FUSION
3	CLAMP, 4" IPS SUPPORT
4	REDUCER, 4IPS BUTT X 3IPS BUTT
5	CLAMP, 3" IPS SUPPORT
6	CAP, 3" IPS BUTT FUSION END
7	ANODE, 1LB. MAGNESIUM
8	TEE, PE MED VOLUME 3" X 2"
9	TEE, PE MED VOLUME 3" X 2"
10	SQUEEZE POINT

PIN 110019901
GWEN A. BERGSBAKEN
DOC. 1792586

LOEWENHAGEN, GWEN A

N2395

LOT 3
CSM 5781
V33/P5781
DOC. 1787532

KAVANAUGH, DENNIS

THORPE, CYNTHIA

PIN 110017301
DENNIS KAVANAUGH & CYNTHIA THORPE
DOC. 1493997

2" BYPASS REQUIRED

PROPOSED 4" PE 25'
PROPOSED 4" PE 26'
12" SEDIMENT LOGS

NOTE: ATTACH THE NEW PE TRACER WIRE TO
THE EXISTING TRACER WIRE WITH A 1# ANODE

RETIRE CIA 514203 AND
ADD TO CIA 5666347

SCALE 1" = NA'

SHEET 11 OF 13

LOT 2

CSM 5781

V33/P5781

DOC. 1787532

PIN 110019902
GARY T. HART & MARY L. HART
DOC. 1792585



4459694

N2592 STH 15 SERVICE CROSSING APPROX. STATION 253MNE+50 SHEET 2

STATION	253+50	253+50	253+50	253+50	253+50	253+50	253+50	253+50	253+50	253+50
OFFSET	RT 115'	RT 90'	RT 80'	RT 77'	RT 71'	RT 67'	RT 58'	0	LT 78'	LT 95'
TOP OF MAIN ELEVATION	813	811	808	807	807	807	807	807	809	812
APPROX DEPTH FROM EXISTING	3'	3'	5'	5.5'	5.5'	5.5'	3'	8.5'	3'	3'
LOCATION	TEE									
NOTES	SOUTH	SLOPE	E-COMM	P-DITCH	E-GAS	P-DITCH	E-DITCH	E-RL	E-FIBER	NORTH
	ROW	INTERCEPT		S-EDGE		S-EDGE		MNE		ROW

N2588 STH 15 SERVICE CROSSING APPROX. STATION 254MNE+50 SHEET 2

STATION	254+50	254+50	254+50	254+50	254+50	254+50	254+50	254+50	254+50	
OFFSET	RT 115'	RT 92'	RT 77'	RT 73'	RT 65'	RT 56'	0	LT 33'	LT 50'	
TOP OF MAIN ELEVATION	815	814	809	809	810	810	810	812	814	
APPROX DEPTH FROM EXISTING	3'	3'	7'	7'	4'	2.5'	8'	3'	3'	
LOCATION	TEE									
NOTES	SOUTH	SLOPE	P-DITCH	E-GAS	P-DITCH	E-DITCH	E-RL	E-DITCH	E-ROW	
	ROW	INTERCEPT	S-EDGE		N-EDGE	SOUTH	MNE	NORTH	NORTH	

N2576 STH 15 SERVICE CROSSING APPROX STATION 258MNE+30 SHEET 3

STATION	258+30	258+30	258+30	258+30	258+30	258+30	258+30	258+30	258+30
OFFSET	RT 115'	RT 84'	RT 75'	RT 71'	RT 69'	RT 47'	0	LT 34'	LT 60'
TOP OF MAIN ELEVATION	829	819	819	819	819	818	820	822	832
APPROX DEPTH FROM EXISTING	3'	10'	9'	9'	8.5'	4'	8'	3.5'	3'
LOCATION	TEE								
NOTES	SOUTH	P-DITCH	E-COMM	P-DITCH		E-DITCH	E-RL	E-DITCH	E-ROW
	ROW	S-EDGE		N-EDGE		SOUTH	MNE	NORTH	NORTH

OLDE STH 15 (NEW ROAD) BORE 302' CROSSING APPROX. STATION 272MNE+00 SHEET 5

STATION	272+00	272+00	272+00	272+00	272+00	272+00	272+00	
OFFSET	RT 90'	RT 78'	RT 68'	RT46'	0	LT 56'	LT 212'	
TOP OF MAIN ELEVATION	850	850	850	843	844	844	847	
APPROX DEPTH FROM EXISTING	4'	3'	3'	9'	9'	7'	3'	
LOCATION	ELL		RL		RL		ELL	
NOTES	P-SOUTH	S-EDGE	N-EDGE	P-DITCH	P-CL	P-NORTH	P-NORTH	
	ROW	TRAIL	TRAIL		MNE	DITCH	ROW	

OLDE STH 15 (NEW ROAD) 326' CROSSING AT STATION 295MNE+50 SHEET 8

STATION	295+50	295+50	295+50	295+50	295+50	295+50	295+50	295+50	295+50	295+50
OFFSET	LT 110'	LT 62'	LT 22'	0	RT 47'	RT 81'	RT 105'	RT 118'	RT 159'	RT 216'
TOP OF MAIN ELEVATION	888	889	900	904	904	904	904	904	904	918
APPROX DEPTH FROM EXISTING	4'	4'	4.5'	3.5'	7.5'	4'	15'	16'	4'	4
LOCATION	ELL									ELL
NOTES	P-WEST	P-DITCH	CL	P-RL	P-RL	P-DITCH	P-RL	P-RL	TEMP DITCH	P-ROW
	ROW	WEST	MNW	MNE	MUT	EAST	TA	TB	EAST	EAST

MANLEY ROAD 171' CROSSING - APPROXIMATE STATIOIN 36+70 SHEET 9

STATION	36+70	36+70	36+70	36+70	36+70	36+70	36+70	36+70	36+70	36+70
OFFSET	LT 71'	LT 30'	LT 26'	LT 15'	0	RT 30'	RT 46'	RT 83'	RT 88'	RT 100'
TOP OF MAIN ELEVATION	921	913	912	912	911.5	911	911	917	918	919
APPROX DEPTH FROM EXISTING	3'	7'	6'	6'	7'	8.5'	9.5'	4'	4'	4'
LOCATION	ELL									TEE
NOTES	P-WEST	P-DITCH	E-COMM	E-ELEC	P-RL	P-DITCH	E-DITCH	E-GAS	E-COMM	P-EAST
	ROW	WEST	WEST		MANLEY	EAST	EAST		EAST	ROW

STH 15 AT MANLEY ROAD 279' CROSSING - APPROX STATION 494WB+04 SHEET 9

STATION	494+04	494+04	494+04	494+04	494+04	494+04	494+04	494+04	494+04	494+04	494+04	494+04
OFFSET	RT 114'	RT 110'	RT 106'	RT 92'	RT 80'	RT 62'	RT 41'	0	LT 31'	LT 60'	LT 137'	LT 165'
TOP OF MAIN ELEVATION	916	916	916	912	912	910	910	910	910	910	909	910
APPROX DEPTH FROM EXISTING	4'	4'	4'	7'	7'	7'	4'	7'	4'	5'	4'	4'
LOCATION	ELL											
NOTES	SOUTH	MATCH	SLOPE	TRAIL EDGE	P-RL	P-DITCH	E-DITCH	P-RL	P-DITCH	P-RL	P-DITCH	NORTH
	START	ROW - EAST	INTERCEPT	SOUTH	MUT	N-TRAIL	N-TRAIL	EB	EB-WB	WB	N-WB	END

N2407 MANLEY ROAD SERVICE REPLACEMENT APPROX STATION 34MAN+68 SHEET 11

STATION	34+68	34+68	34+68	34+68	34+68	34+68	34+68	34+68	34+68	34+68
OFFSET	RT 70.5'	RT 69.5'	RT 58.5'	RT 38.5'	0	LT 3.5'	LT 10'	LT 24.5'	LT 30'	LT 52'
TOP OF MAIN ELEVATION	920	920	918	914	911	910	910	913	916	920
APPROX DEPTH FROM EXISTING	3'	3'	5'	9'	7'	7'	7'	9'	7'	3'
LOCATION	E-ROW				RL					
NOTES	SERV	E - TELE	E-GAS	P-DITCH	NEW	E-ELE	E - FIBER	P-DITCH	E ROW	P-ROW
	TEE			EAST				WEST	WEST	WEST

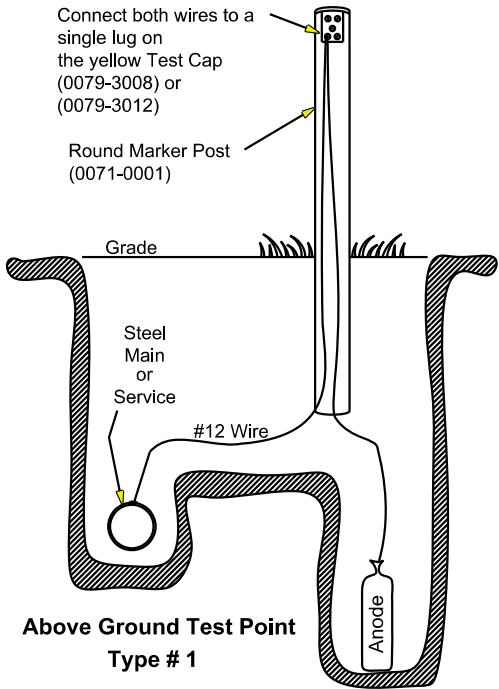
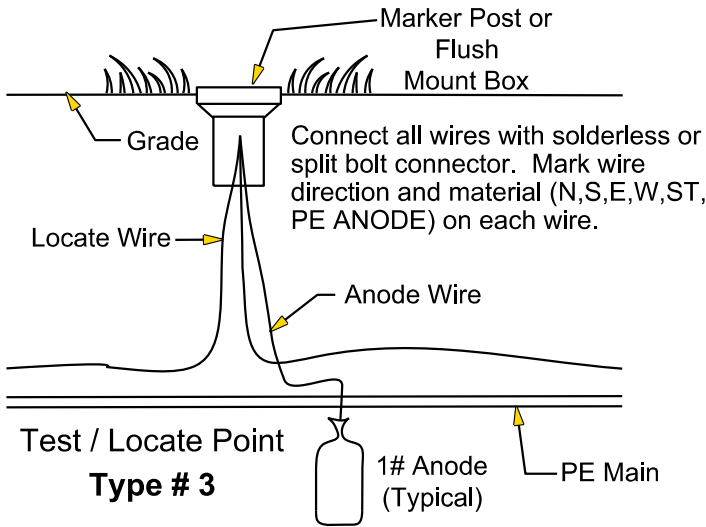


LOCAL ROAD - FROM INTERSECTION WEST TO DRIVEWAY (OLD STH 15)
4" PE MAIN RUNNING LINE APPROX STATION 22LCL+50 TO 29LCL+00 - 12' FROM ROW BORE 638' SHEETS 5 & 6

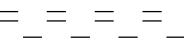
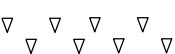
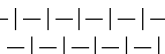
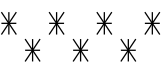
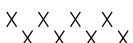
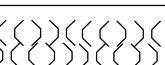
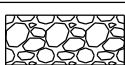
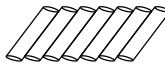
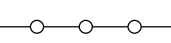
STATION	22+62	23+00	23+50	26+60	24+00	25+00	25+50	26+00	26+25	26+50	27+00	27+50	28+00	28+50	29+00	
OFFSET	RT 42'	RT 46'	RT 48'	RT 48'	RT 48'	RT 48'	RT 48'	RT 48'	RT 48'	RT 48'	RT 48'	RT 48'	RT 48'	RT 48'	RT 48'	
TOP OF MAIN ELEVATION	844	846	849	851	851	853	859	860	861	863	866	863	868	871	871	
APPROX DEPTH FROM EXISTING	4'	4'	7'	5.5'	4'	4'	4'	6'	5.5'	4'	4'	7.5'	4'	4'	4'	
LOCATION	ELL														END	
NOTES	START														DRIVEWAY	
	WEST END														EAST END	

MANLEY ROAD NORTH - 4" PE MAIN RUNNING LINE APPROXIMATE
STATION 10MAN+66 TO 12MAN+00 TRENCH 134' SHEETS 9 & 10

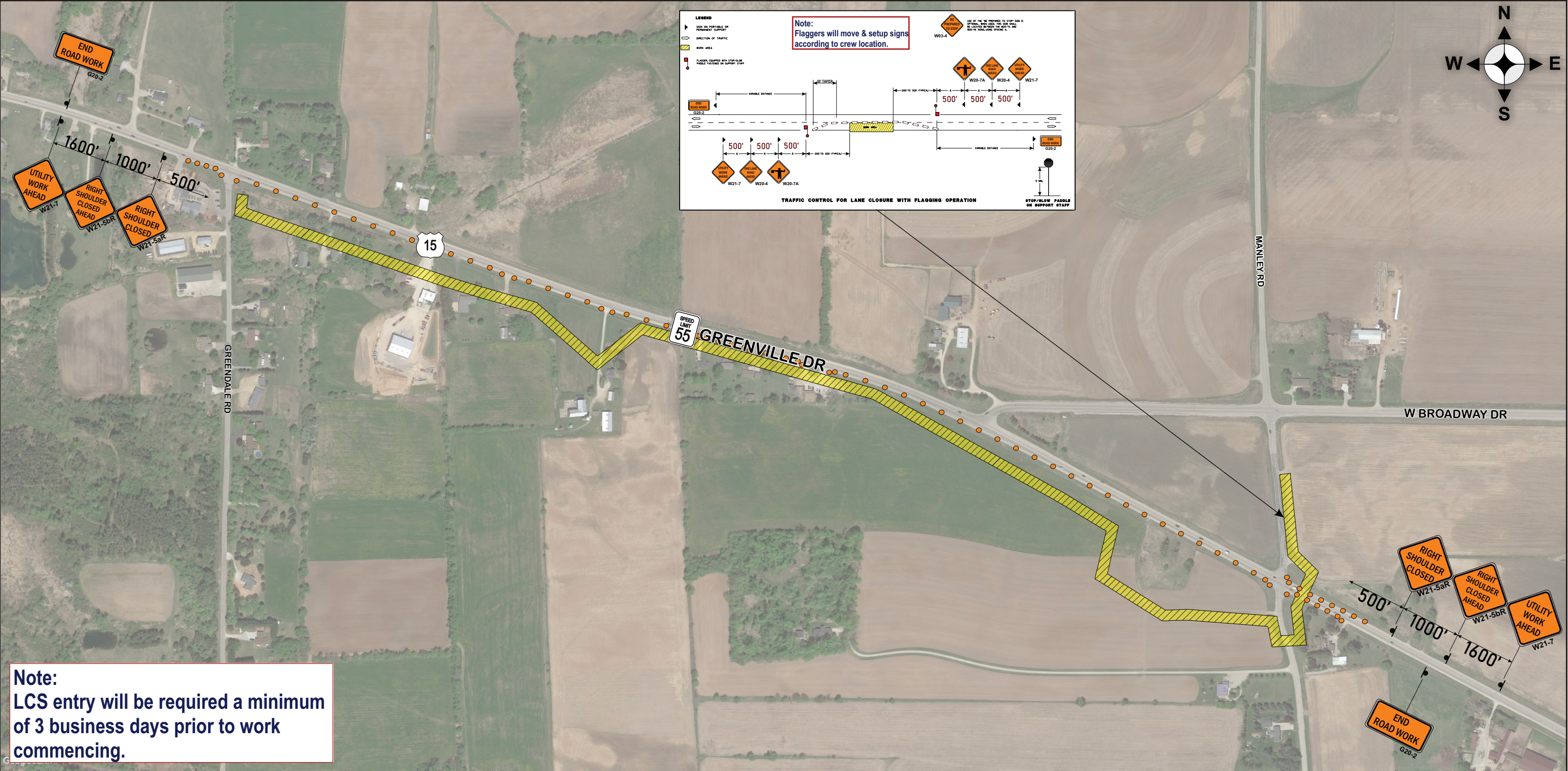
STATION	10+66	11+00	11+50	12+00				
OFFSET	RT 22'	RT 22'	RT 22'	RT 22'				
TOP OF MAIN ELEVATION	911	911	912	913				
APPROX DEPTH FROM EXISTING	4.5'	6'	5'	4'				
LOCATION	ELL							
NOTES	SOUTH			END				
	START							



WE ENERGIES - GAS OPERATIONS Unless otherwise noted in this document, the following notes apply: Existing facilities should be field verified prior to excavation. Utility information shown are from plans and have not been field verified. Maintain 12" min vertical clearance at crossing of existing electrical facilities. Maintain 6" min vertical clearance at crossing of other existing facilities. Maintain 18" min vertical clearance at crossing of existing storm sewer pipes. Maintain 5' clearance from storm sewer inlets. Staking of route or ROW by surveyor required prior to construction. Clearances shown are min distances - reference permit for specific clearance requirements. Additional information on excavation, backfilling & clearances can be found in the Gas CRS 201. Restore all pavement, ROW, sidewalks, and customer's private property.	CONVENTIONAL SYMBOLS  END OF MAIN CAPPED WITH AN ANODE ATTACHED TO THE TRACER WIRE - 2' x 4' EXCAVATION.  VALVE IN AN 8" DIAMETER METALLIC BOX SET TO GRADE  17# ANODE ATTACHED TO THE MAIN IN THE SAME TRENCH  GAS MAIN CUT OFF AND CAPPED 4' x 5' EXCAVATION  METER CHANGE  TEST & RECONNECT SERVICE  REPLACE SERVICE
---	--

EROSION CONTROL LEGEND  ENV 8, 27 APPROXIMATE LOCATION FOR UNDERGROUND FACILITY EXCAVATION  A/B/C/D 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 A  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 TSB TEMPORARY SEDIMENT BASIN  SURFACE WATER FLOW	WE ENERGIES WORK REQUEST ENVIRONMENTAL NOTES (Notes 1 through 7 apply to ALL work requests) General 1. If WDNR and/or USACE permits were obtained for the project, all permit conditions shall be met during construction of the project. Erosion Control 2. 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. 3. Erosion Control BMP's shall meet or exceed the approved WDNR Storm Water Management Technical Standards (http://dnr.wi.gov/topic/stormwater/standards/const_standards.html). Refer to We Energies Construction Site Sediment and Erosion Control Standards. 4. Inspect installed erosion control BMP's at least one time per week and after ½" rain events: repair as necessary. 5. 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 6. 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 7. If an oil spill occurs during construction, call the Environmental Incident Response Team (EIRT) at 414-430-3478: a. Any quantity of oil is spilled into surface water; b. Any oil spill greater than 50 ppm PCB into a sewer, vegetable garden, or grazing land; c. Any oil spill containing greater than 500 ppm PCB; d. Five gallons or more of oil spilled to the ground; e. Any oil spill involving a police department, fire department, DNR, or concerned property owner. Notes 8 through 27 apply as noted at specific points within each work request: Dewatering 8. 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 9. As much as practicable, the majority of the work shall be staged from the public roadways and road shoulders, keeping equipment out of adjacent wetlands. 10. All work shall be conducted to minimize soil disturbance. No rutting will be allowed within the wetlands. 11. 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. 12. Excavated soils cannot be stockpiled in wetlands. 13. All excess spoils shall be removed from wetlands and placed in a suitable upland location. 14. Trenching and pit excavations within wetlands shall include soil segregation to facilitate restoration of pre-construction soil stratification, and restoration to pre-construction elevations. 15. Poles scheduled to be removed, and that occur within wetland, shall be cut at the ground surface. Waterways 16. No work can be performed within the banks or below the ordinary high watermark of any navigable waterways/streams. 17. No crossing of navigable waterways with equipment can occur. Foot traffic is allowed. 18. 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 19. 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. 20. In order to protect the threatened or endangered species, work must be conducted between November 5 and March 15. 21. Exclusion fencing must be installed at the work area prior to March 15. 22. A qualified biologist must be present when conducting work at this location. Invasive Species 23. 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 Right-of Way Best Management Practices should be followed: (http://council.wisconsinforestry.org/invasives/transportation/). Cultural and Historical Resources, cont. 24. 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. 25. 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. 26. 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 27. A frac-out contingency plan shall be on-site and implemented accordingly. The contingency plan shall incorporate the following components. a. Continuously inspect the bore paths for frac-outs in order to respond quickly and appropriately. b. Containment materials (e.g. silt fence, straw bales, sand bags, etc.) shall be on site and available should a frac-out occur.
--	--





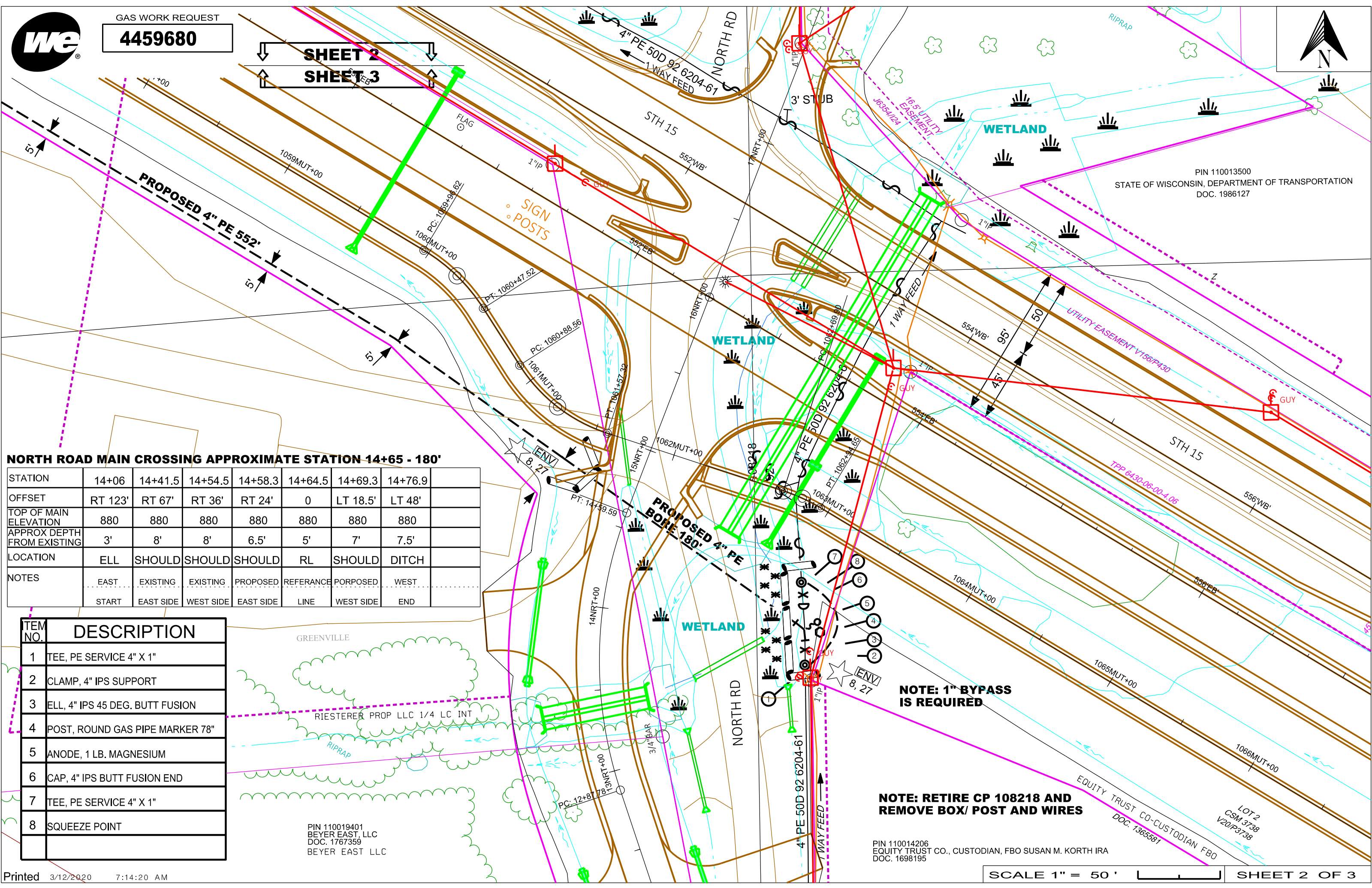
TRAFFIC CONTROL LEGEND		NOTES		 Primoris Services Corporation Q3 Contracting: 262-522-8015	
		- SHOULDER CLOSURE ALONG STH 15. - FLAGGING SETUP ALONG MANLEY RD.		Q3 JOB NO: 2531002	
		Note: Flaggers will move & setup signs according to crew location.		PROJECT/P.O.#: 4459694 IO#MRO22501629	
		REFERENCE DOT S.D.D. 15 C 12-4		PREPARED BY: ASHLEY OLSON	
		REFERENCE DOT S.D.D. 15 D 27-3		DATE PREPARED: 02/25/2020	
				STAGING TIME: 1 HOUR	
				CUSTOMER NAME: WE ENERGIES (WISC)	
				ORDERED BY: GREG SMEDEMA	
				PROJECT LOCATION: STH 15	
				CITY: ELLINGTON	
				WORK DESCRIPTION: PAVING RELOCATION	



GAS WORK REQUEST

4459680

SHEET 2
SHEET 3



NORTH ROAD MAIN CROSSING APPROXIMATE STATION 14+65 - 180'

STATION	14+06	14+41.5	14+54.5	14+58.3	14+64.5	14+69.3	14+76.9	
OFFSET	RT 123'	RT 67'	RT 36'	RT 24'	0	LT 18.5'	LT 48'	
TOP OF MAIN ELEVATION	880	880	880	880	880	880	880	
APPROX DEPTH FROM EXISTING	3'	8'	8'	6.5'	5'	7'	7.5'	
LOCATION	ELL	SHOULDER	SHOULDER	SHOULDER	RL	SHOULDER	DITCH	
NOTES	EAST START	EXISTING EAST SIDE	EXISTING WEST SIDE	PROPOSED EAST SIDE	REFERENCE LINE	PROPOSED WEST SIDE	WEST END	

ITEM NO.	DESCRIPTION
1	TEE, PE SERVICE 4" X 1"
2	CLAMP, 4" IPS SUPPORT
3	ELL, 4" IPS 45 DEG. BUTT FUSION
4	POST, ROUND GAS PIPE MARKER 78"
5	ANODE, 1 LB. MAGNESIUM
6	CAP, 4" IPS BUTT FUSION END
7	TEE, PE SERVICE 4" X 1"
8	SQUEEZE POINT

PIN 110019401
BEYER EAST, LLC
DOC. 1767359
BEYER EAST LLC

NOTE: 1" BYPASS IS REQUIRED

NOTE: RETIRE CP 108218 AND REMOVE BOX/ POST AND WIRES

PIN 110014206
EQUITY TRUST CO., CUSTODIAN, FBO SUSAN M. KORTH IRA
DOC. 1698195



GAS WORK REQUEST

4459680

NE-SE
SEC. 5, T21N, R16E

OF

SERVICE CROSSING TO ADDRESS N2210 GREENVILLE DRIVE APPROX. STATION 546EB+76

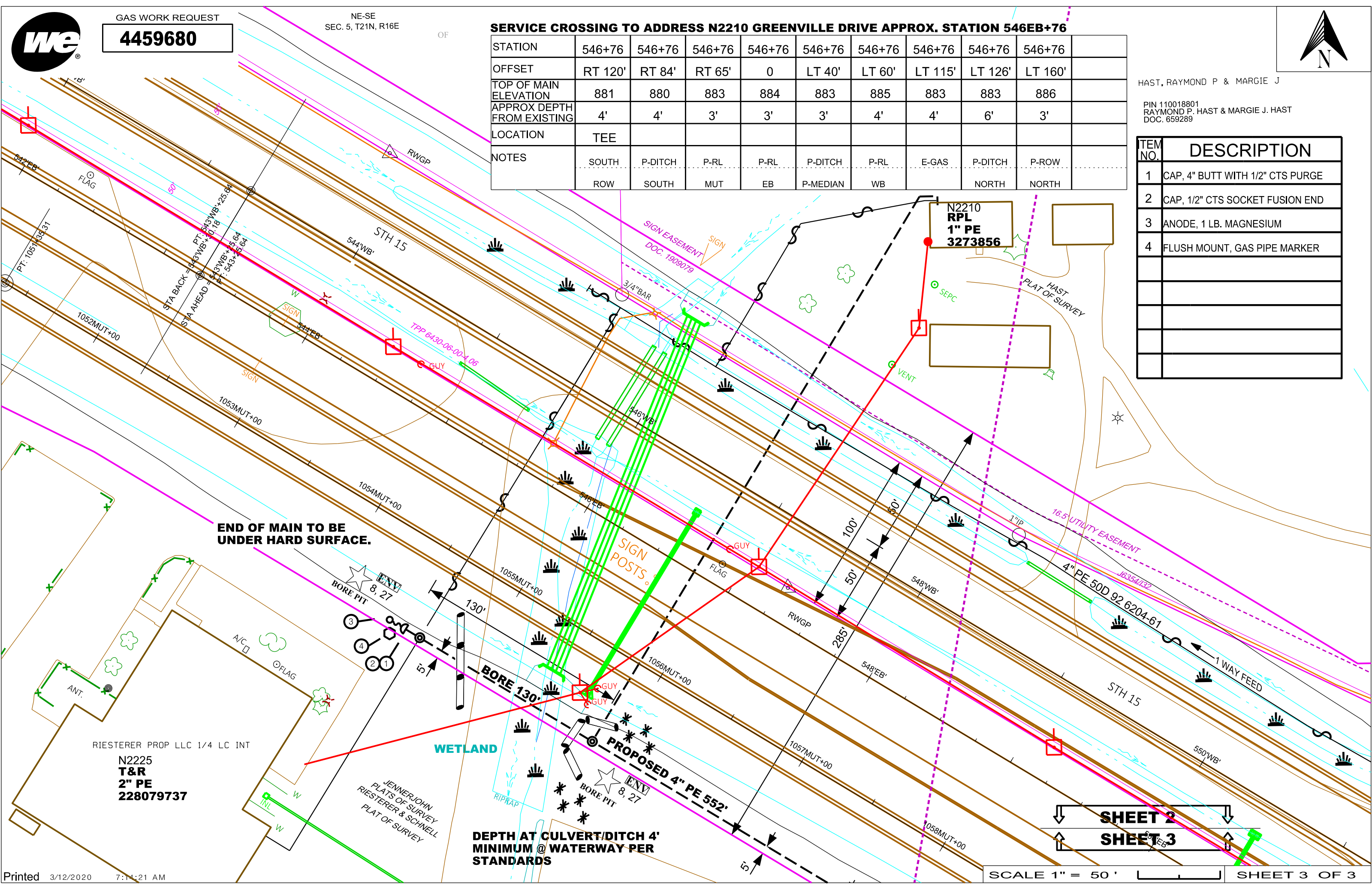
STATION	546+76	546+76	546+76	546+76	546+76	546+76	546+76	546+76	546+76	
OFFSET	RT 120'	RT 84'	RT 65'	0	LT 40'	LT 60'	LT 115'	LT 126'	LT 160'	
TOP OF MAIN ELEVATION	881	880	883	884	883	885	883	883	886	
APPROX DEPTH FROM EXISTING	4'	4'	3'	3'	3'	4'	4'	6'	3'	
LOCATION	TEE									
NOTES	SOUTH ROW	P-DITCH SOUTH	P-RL MUT	P-RL EB	P-DITCH P-MEDIAN	P-RL WB	E-GAS	P-DITCH NORTH	P-ROW NORTH	



HAST, RAYMOND P & MARGIE J

PIN 110018801
RAYMOND P. HAST & MARGIE J. HAST
DOC. 659289

ITEM NO.	DESCRIPTION
1	CAP, 4" BUTT WITH 1/2" CTS PURGE
2	CAP, 1/2" CTS SOCKET FUSION END
3	ANODE, 1 LB. MAGNESIUM
4	FLUSH MOUNT, GAS PIPE MARKER



END OF MAIN TO BE UNDER HARD SURFACE.

BORE PIT 8, 27

WETLAND

PROPOSED 4" PE 552'

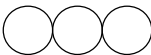
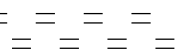
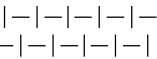
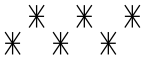
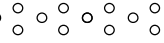
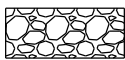
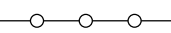
DEPTH AT CULVERT/DITCH 4'
MINIMUM @ WATERWAY PER
STANDARDS

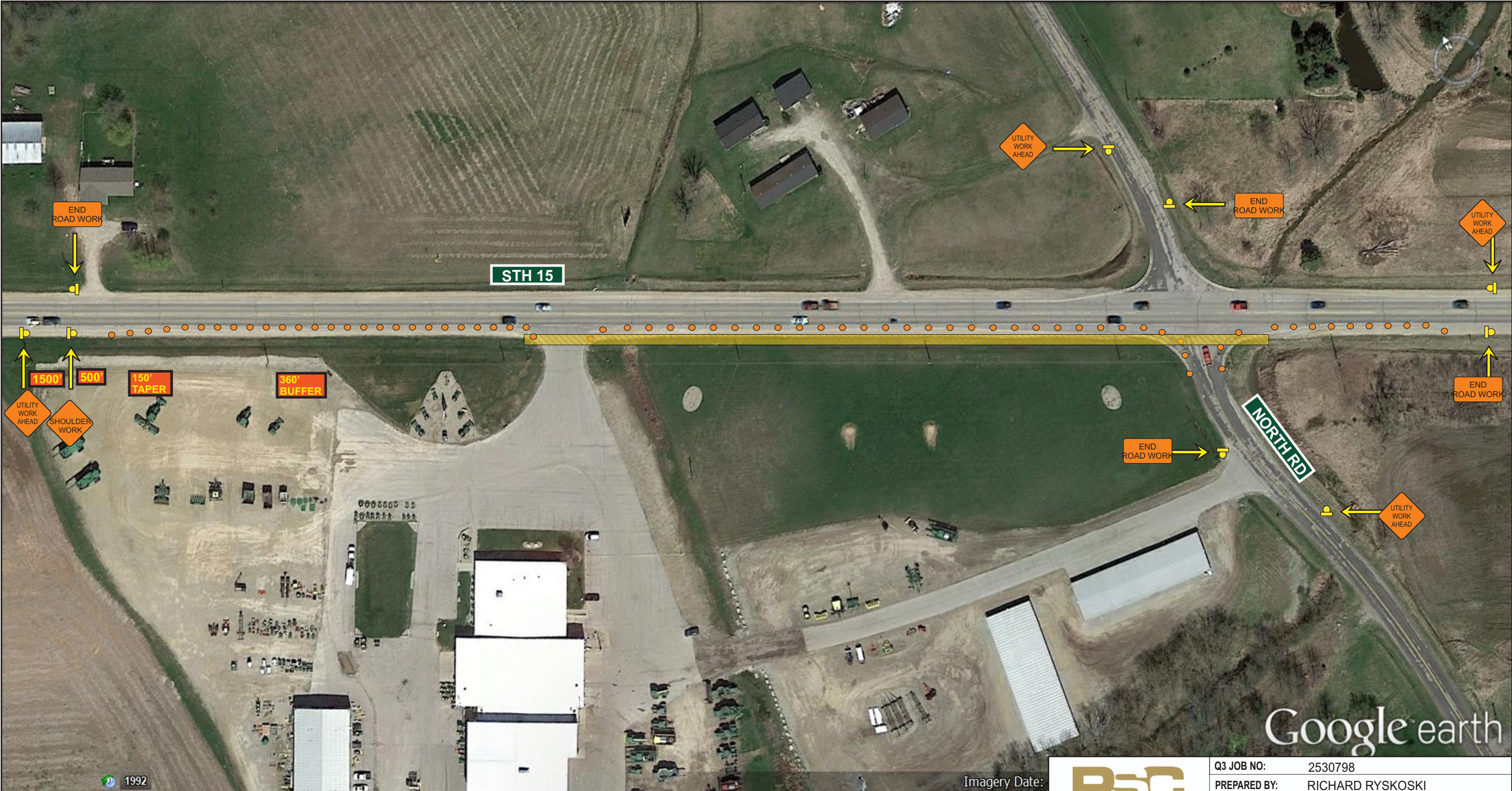
SHEET 2
SHEET 3

SCALE 1" = 50'

SHEET 3 OF 3

WE ENERGIES - GAS OPERATIONS Unless otherwise noted in this document, the following notes apply: Existing facilities should be field verified prior to excavation. Utility information shown are from plans and have not been field verified. Maintain 12" min vertical clearance at crossing of existing electrical facilities. Maintain 6" min vertical clearance at crossing of other existing facilities. Maintain 18" min vertical clearance at crossing of existing storm sewer pipes. Maintain 5' clearance from storm sewer inlets. Staking of route or ROW by surveyor required prior to construction. Clearances shown are min distances - reference permit for specific clearance requirements. Additional information on excavation, backfilling & clearances can be found in the Gas CRS 201. Restore all pavement, ROW, sidewalks, and customer's private property.	CONVENTIONAL SYMBOLS  END OF MAIN CAPPED WITH AN ANODE ATTACHED TO THE TRACER WIRE - 2' x 4' EXCAVATION.  VALVE IN AN 8" DIAMETER METALLIC BOX SET TO GRADE  17# ANODE ATTACHED TO THE MAIN IN THE SAME TRENCH  GAS MAIN CUT OFF AND CAPPED 4' x 5' EXCAVATION  METER CHANGE  TEST & RECONNECT SERVICE  REPLACE SERVICE
---	--

EROSION CONTROL LEGEND  ENV 8, 27 APPROXIMATE LOCATION FOR UNDERGROUND FACILITY EXCAVATION  A/B/C/D 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 A  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 TSB TEMPORARY SEDIMENT BASIN  SURFACE WATER FLOW WE ENERGIES WORK REQUEST ENVIRONMENTAL NOTES (Notes 1 through 7 apply to ALL work requests) General 1. If WDNR and/or USACE permits were obtained for the project, all permit conditions shall be met during construction of the project. Erosion Control 2. 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. 3. Erosion Control BMP's shall meet or exceed the approved WDNR Storm Water Management Technical Standards (http://dnr.wi.gov/topic/stormwater/standards/const_standards.html). Refer to We Energies Construction Site Sediment and Erosion Control Standards. 4. Inspect installed erosion control BMP's at least one time per week and after ½" rain events: repair as necessary. 5. 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 6. 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 7. If an oil spill occurs during construction, call the Environmental Incident Response Team (EIRT) at 414-430-3478: a. Any quantity of oil is spilled into surface water; b. Any oil spill greater than 50 ppm PCB into a sewer, vegetable garden, or grazing land; c. Any oil spill containing greater than 500 ppm PCB; d. Five gallons or more of oil spilled to the ground; e. Any oil spill involving a police department, fire department, DNR, or concerned property owner. Notes 8 through 27 apply as noted at specific points within each work request: Dewatering 8. 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 9. As much as practicable, the majority of the work shall be staged from the public roadways and road shoulders, keeping equipment out of adjacent wetlands. 10. All work shall be conducted to minimize soil disturbance. No rutting will be allowed within the wetlands. 11. 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. 12. Excavated soils cannot be stockpiled in wetlands. 13. All excess spoils shall be removed from wetlands and placed in a suitable upland location. 14. Trenching and pit excavations within wetlands shall include soil segregation to facilitate restoration of pre-construction soil stratification, and restoration to pre-construction elevations. 15. Poles scheduled to be removed, and that occur within wetland, shall be cut at the ground surface. Waterways 16. No work can be performed within the banks or below the ordinary high watermark of any navigable waterways/streams. 17. No crossing of navigable waterways with equipment can occur. Foot traffic is allowed. 18. 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 19. 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. 20. In order to protect the threatened or endangered species, work must be conducted between November 5 and March 15. 21. Exclusion fencing must be installed at the work area prior to March 15. 22. A qualified biologist must be present when conducting work at this location. Invasive Species 23. 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 Right-of Way Best Management Practices should be followed: (http://council.wisconsinforestry.org/invasives/transportation/). Cultural and Historical Resources, cont. 24. 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. 25. 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. 26. 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 27. A frac-out contingency plan shall be on-site and implemented accordingly. The contingency plan shall incorporate the following components. a. Continuously inspect the bore paths for frac-outs in order to respond quickly and appropriately. b. Containment materials (e.g. silt fence, straw bales, sand bags, etc.) shall be on site and available should a frac-out occur. APPENDIX A



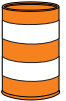


WORK AREA

TEMP. SIGN SUPPORT







REFERENCE DOT S.D.D. 15 D 28-3

 Primoris Services Corporation Q3 Contracting: 262-522-8015	Q3 JOB NO:	2530798
	PREPARED BY:	RICHARD RYSKOSKI
	DATE PREPARED:	2/21/2020
	STAGING TIME:	1 Hour
CUSTOMER NAME:		ORDERED BY:
WE ENERGIES WIGO GAS		CODY BECKMAN
PROJECT / P.O. # :		CITY/TOWN/VILLAGE:
4459680		ELLINGTON
PROJECT LOCATION:		
STH 15 AND NORTH RD		
WORK DESCRIPTION:		
PAVING RELOCATION		



GAS WORK REQUEST

4459720

- INSTALL A TYPE 3 LOCATE POST AT LOCATION 9
- BRING THE NEW AND EXISTING TRACER WIRE INTO THE LOCATE POST ALONG WITH A 1" ANODE WIRE.
- ATTACH THE NEW TRACER WIRE TO THE 1" ANODE WIRE IN THE LOCATE POST ALONG WITH THE EXISTING PE TRACER WIRE.
- LABEL EACH WIRE WITH MATERIAL AND DIRECTION.

LOT 1
CSM 1634
V9/P1634
DOC. 1082065

N2034

1" BYPASS
REQUIRED

2" PE 50D 02 800726
MAIN ON EASEMENT
1" WAY FEED

PROPOSED
2" PE 16'

PROPOSED
6" PE 101'

PROPOSED
6" PE 73'

PROPOSED
6" PE 42' BORE

GREENVILLE
STORAGE LLC

LOT 4
CSM 1634
V9/P1634
DOC. 1082065

PIN 110027204
GREENVILLE STORAGE, LLC
DOC. 1889038

SIGN SEPVC
SEPVC

WELL

PROPOSED
6" PE 65'

CAUTION

PROPOSED 6" PE 1534'

6" PE 50D 02 800726

STH 15

STH 15

SHEET 4

STEINER
PLAT OF SURVEY

S57° 57' 36"E
3771.01'

ITEM NO.	DESCRIPTION
1	POST, ROUND GAS PIPE MARKER 78"
2	CAP, 6" IPS BUTT WITH 1" CTS PURGE
3	CAP, 1" CTS SOCKET FUSION END
4	ANODE, 1 LB. MAGNESIUM
5	TEE, PE HIGH VOLUME 6" X 2"
6	TEE, PE SERVICE 2" X 1"
7	TEE, PE SERVICE 6" X 1"
8	CLAMP, 2" IPS SUPPORT
9	POST, 78" TYPE #3 LOCATE POST

10	CLAMP, 2" IPS SUPPORT
11	ANODE, 1 LB. MAGNESIUM

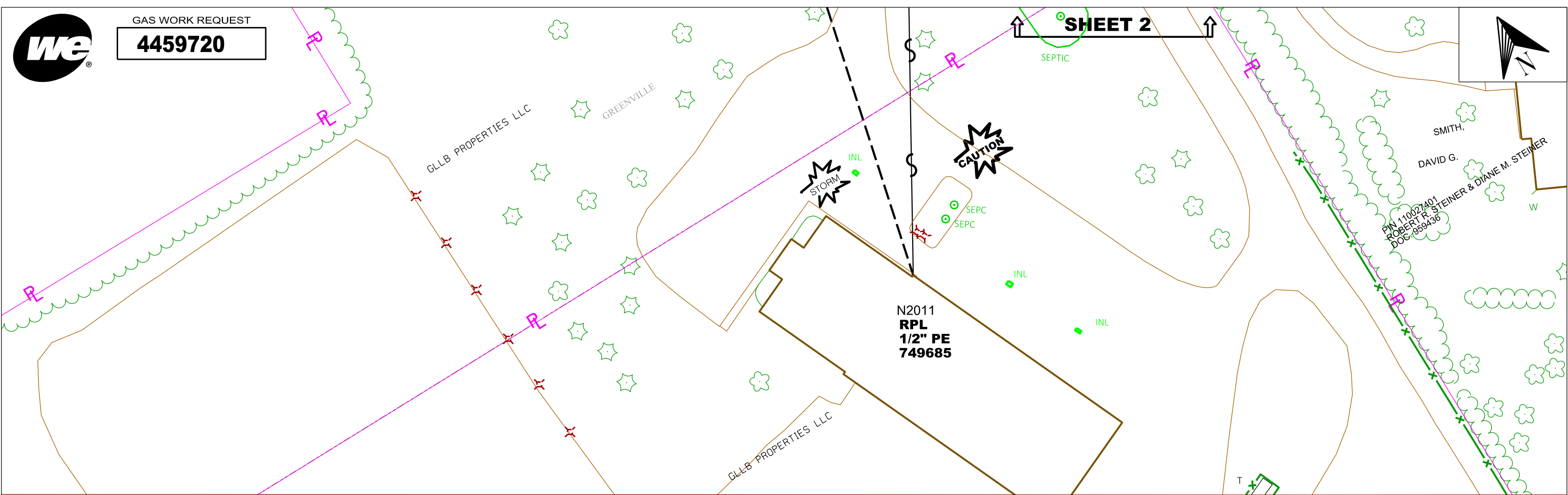
WITTHUHN
PLAT OF SURVEY

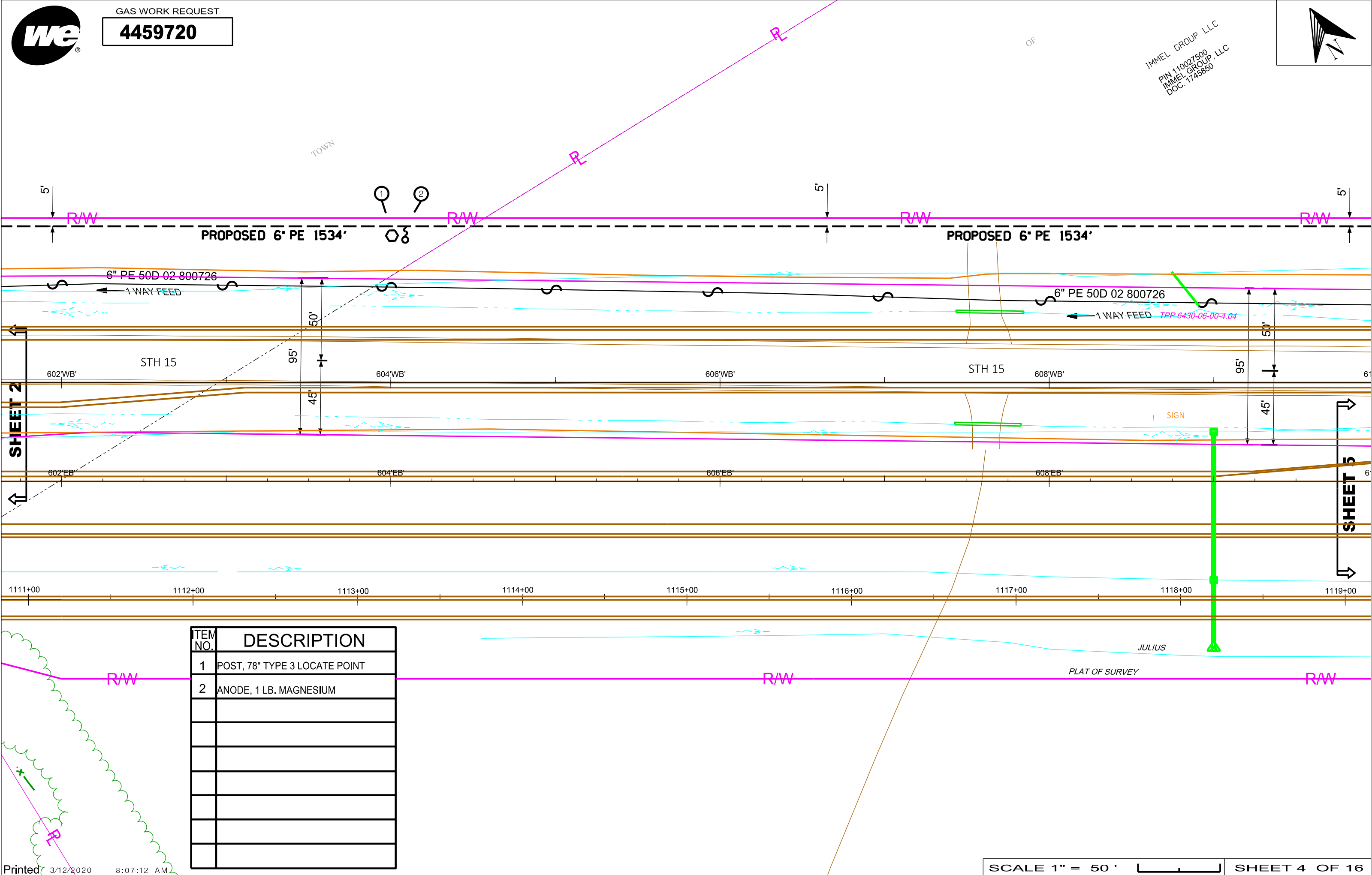
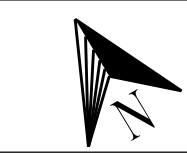
PIN 110027100
GLBB PROPERTIES, LLC
DOC. 1770990

SHEET 3

SCALE 1" = 50'

SHEET 2 OF 16



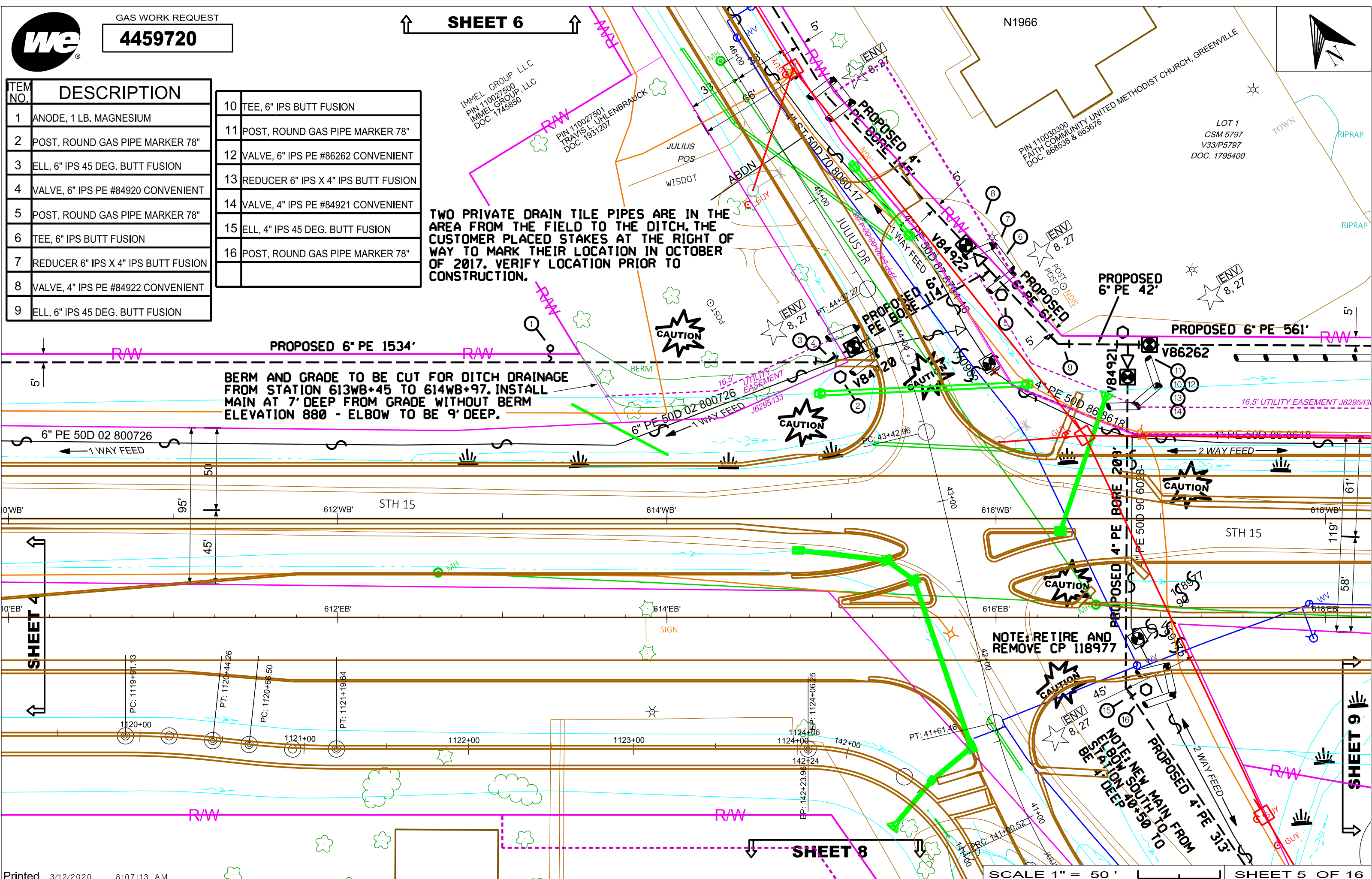




ITEM NO.	DESCRIPTION
1	ANODE, 1 LB. MAGNESIUM
2	POST, ROUND GAS PIPE MARKER 78"
3	ELL, 6" IPS 45 DEG. BUTT FUSION
4	VALVE, 6" IPS PE #84920 CONVENIENT
5	POST, ROUND GAS PIPE MARKER 78"
6	TEE, 6" IPS BUTT FUSION
7	REDUCER 6" IPS X 4" IPS BUTT FUSION
8	VALVE, 4" IPS PE #84922 CONVENIENT
9	ELL, 6" IPS 45 DEG. BUTT FUSION

10	TEE, 6" IPS BUTT FUSION
11	POST, ROUND GAS PIPE MARKER 78"
12	VALVE, 6" IPS PE #86262 CONVENIENT
13	REDUCER 6" IPS X 4" IPS BUTT FUSION
14	VALVE, 4" IPS PE #84921 CONVENIENT
15	ELL, 4" IPS 45 DEG. BUTT FUSION
16	POST, ROUND GAS PIPE MARKER 78"

TWO PRIVATE DRAIN TILE PIPES ARE IN THE AREA FROM THE FIELD TO THE DITCH. THE CUSTOMER PLACED STAKES AT THE RIGHT OF WAY TO MARK THEIR LOCATION IN OCTOBER OF 2017. VERIFY LOCATION PRIOR TO CONSTRUCTION.





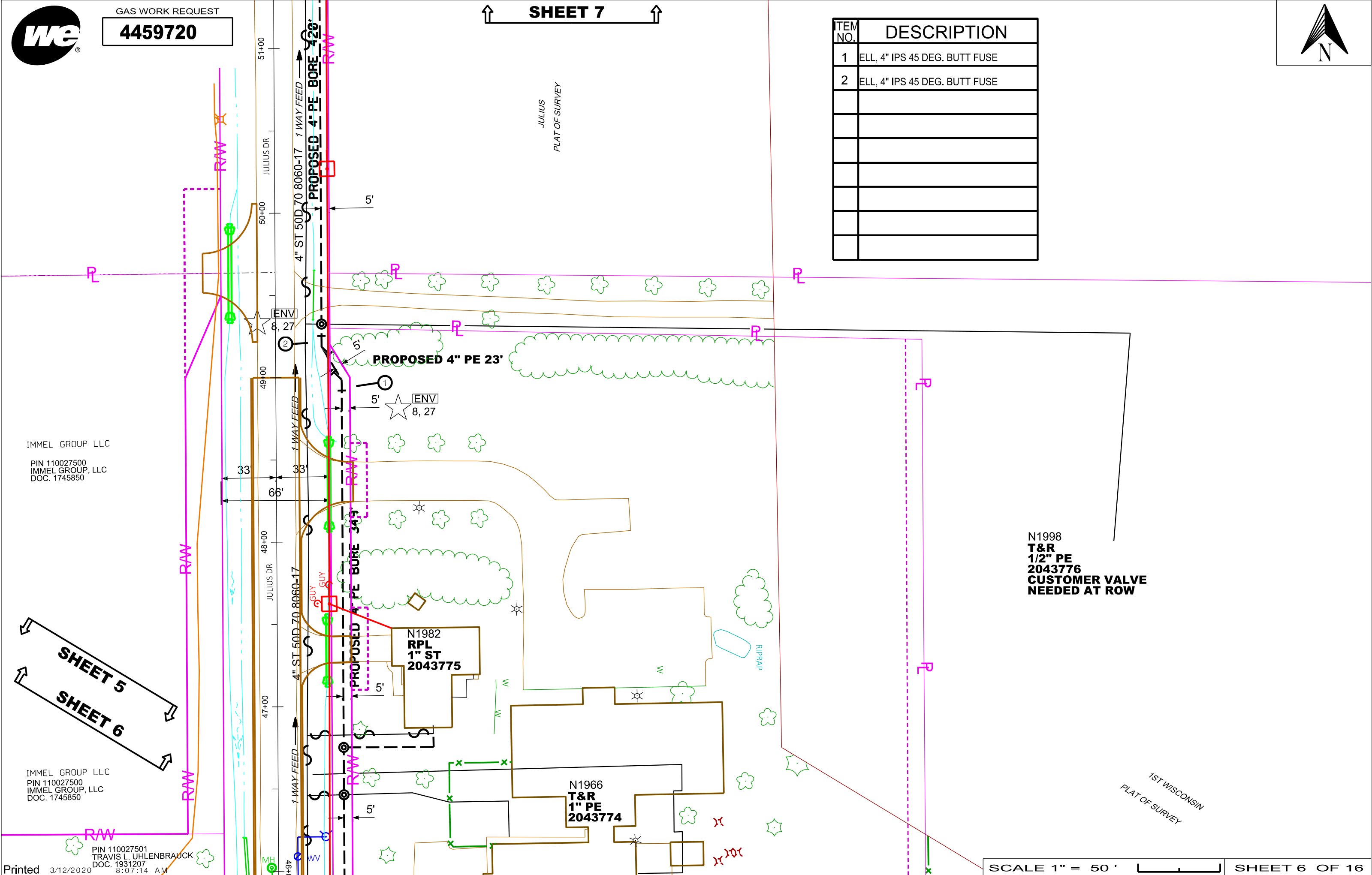
GAS WORK REQUEST

4459720

SHEET 7



ITEM NO.	DESCRIPTION
1	ELL, 4" IPS 45 DEG. BUTT FUSE
2	ELL, 4" IPS 45 DEG. BUTT FUSE



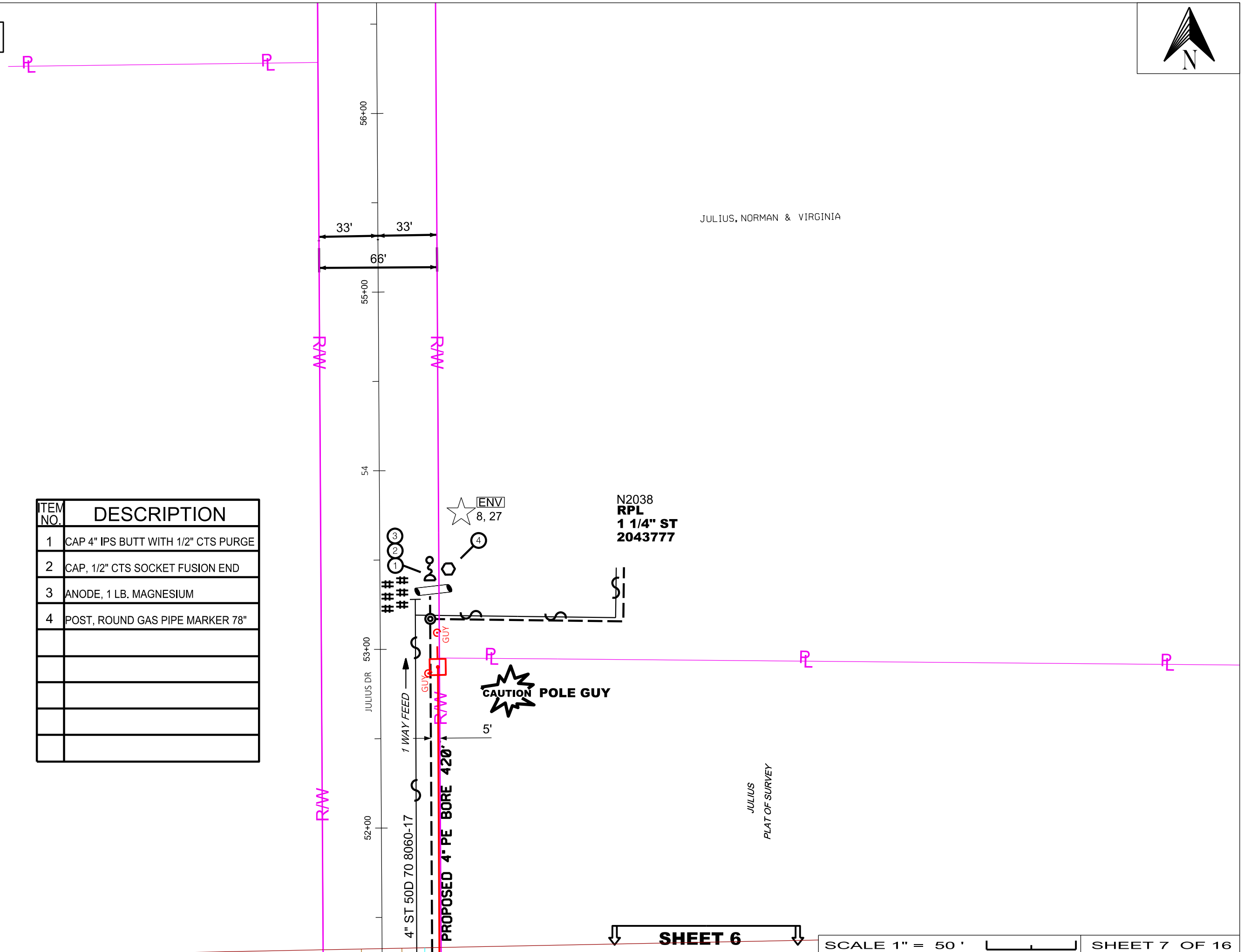
IMMEL GROUP LLC
PIN 110027500
IMMEL GROUP, LLC
DOC. 1745850

IMMEL GROUP LLC
PIN 110027500
IMMEL GROUP, LLC
DOC. 1745850

N1998
T&R
1/2" PE
2043776
CUSTOMER VALVE
NEEDED AT ROW



ITEM NO.	DESCRIPTION
1	CAP 4" IPS BUTT WITH 1/2" CTS PURGE
2	CAP, 1/2" CTS SOCKET FUSION END
3	ANODE, 1 LB. MAGNESIUM
4	POST, ROUND GAS PIPE MARKER 78"



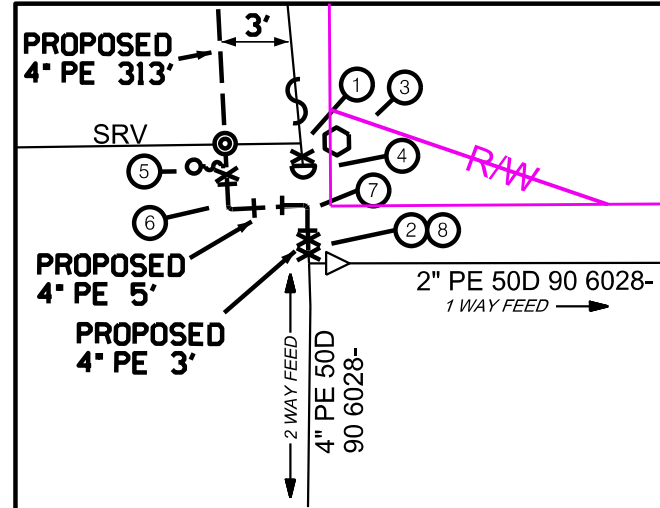


GAS WORK REQUEST

4459720

SHEET 5

TIE IN DETAIL - THIS SHEET



NOTE: AT LOCATION 5 CONNECT THE NEW PE TRACER WIRE TO THE EXISTING TRACER WIRE ALONG WITH A 1" ANODE WIRE.

ITEM NO.	DESCRIPTION
1	SQUEEZE POINT
2	CLAMP, 4" IPS SUPPORT
3	LOCATE POINT, TYPE 3 FLUSH MOUNT
4	CAP, 4" IPS BUTT FUSE END
5	ANODE, 1 LB. MAGNESIUM
6	ELL, 4" IPS 90 DEG. BUTT FUSE
7	ELL, 4" IPS 90 DEG. BUTT FUSE
8	CLAMP, 4" IPS SUPPORT

N1915
T&R
1" PE
2043772

SCALE 1" = 50'

SHEET 8 OF 16



GAS WORK REQUEST

4459720

N1916
T&R
1" PE
777938

PIN 110030204
BASMAR, LLC
DOC. 1564439

LOT 1
CSM 3109
V16/P3109
DOC. 1262776

BASMAR LLC

PROPOSED STORMSEWER
TO BE 2.5' TO 4' DEEP
INSTALL GAS MAIN AT 5'
AT STATION 622WB+21 RT 103'

THE SOUTH CULVERT END IS NOT
VISIBLE. LOCATE IN FIELD PRIOR
TO INSTALLING MAIN. MAINTAIN
EXISTING DRAINAGE.

DEPTH OF 418' BORE IS TO
BE AT 4' TO TOP OF MAIN.

CAUTION - WATER HYDRANT IN
AREA FIND WATER MAIN PRIOR
TO INSTALLING THE GAS MAIN IN
THIS AREA.

MAINTAIN
EXISTING
DRAINAGE

PROPOSED 6" PE 561'

PROPOSED 6" PE BORE
DRIVEWAY 48'

PROPOSED 6" PE 108'

PROPOSED 6" PE BORE 418'

CAUTION

CAUTION

CAUTION

PIN 110030202
STATE OF WISCONSIN, DEPARTMENT
OF TRANSPORTATION
DOC. 885560

ENV
8, 27

ENV
8, 27

ENV
8, 27

STATE OF WISCONSIN DEPT TRANSP

16.5' UTILITY EASEMENT J7000/19

4" PE 50D 86 8618

STH 15

STH 15

SHEET 5

RAW

RAW

RAW

RAW

RAW

PIN 110030400
TOWN OF GREENVILLE SANITARY DISTRICT NO. 1
DOC. 1812802

WATER TOWER

TOWN GREENVILLE SANITARY DST 1

SCALE 1" = 50'

SHEET 9 OF 16

SHEET 10

Printed 3/12/2020 8:07:16 AM

4459720

ITEM NO.	DESCRIPTION
1	ELL, 6" IPS 45 DEG. BUTT FUSE
2	ELL, 6" IPS 45 DEG. BUTT FUSE
3	ELL, 6" IPS 45 DEG. BUTT FUSE
4	ELL, 6" IPS 45 DEG. BUTT FUSE
5	CAP, 2" IPS SOCKET X 1/2" CTS PURGE
6	ANODE, 1 LB. MAGNESIUM
7	POST, ROUND GAS PIPE MARKER 78"
8	ANODE, 1LB MAGNESIUM
9	CAP, 1/2" CTS SOCKET FUSION END

N1868 
INA
1/2" PE
2043476

BYTOF

FAMILY LTD
PARTNERSHIP

PIN 110030801
THE BYTOF FAMILY
1732839

LOT 2
CSM 5720
V33/P5720
DOC. 1775497

**CAUTION - STORM SEWER
IN AREA. LOCATE IN FIELD
PRIOR TO INSTALLING GAS MAIN.**

**12" SEDIMENT
LOGS 50' APART**

SHEET 11

CAUTION

PROPOSED 2" PE BORE 472'

NOTE - EXTRA DEPTH REQUIRED
FROM STATION 631EB+00 TO 636EB+00.
MAIN DEPTH TO BE 5' DEEP.

N1867
T&R
1/2" PE
2043477

N1873
HOUSE
T&R
1/2" PE
2043479

N1875
T&R
1" PE
767265

N1873
SHOP

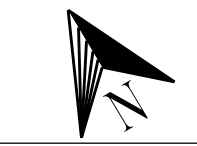
N1881
T&R
1/2" PE
746762

DOUGHTY
LAT OF SURVEY
PIN 110031508
JOHN B. HAYES
DOC. 1920382

SCALE 1" = 50'

SHEET 10 OF 16

4459720



SHEET 10

N1858
T&R
1" PE
813313

N1824
RPL
1 1/4" ST
2043472

ITEM NO.	DESCRIPTION
1	ELL, 6" IPS 90 DEG. BUTT FUSE
2	ELL, 6" IPS 90 DEG. BUTT FUSE
3	ELL, 6" IPS 90 DEG. BUTT FUSE
4	ELL, 6" IPS 90 DEG. BUTT FUSE
5	ANODE, 1LB MAGNESIUM
6	ELL, 6" IPS 90 DEG. BUTT FUSE
7	ELL, 6" IPS 90 DEG. BUTT FUSE
8	ELL, 6" IPS 90 DEG. BUTT FUSE
9	ELL, 6" IPS 90 DEG. BUTT FUSE

10	ANODE, 1LB MAGNESIUM

SHEET 13

4459720

  **SHEET 11**



LOT 2
CSM 5217
V29/P5217
DOC. 1685964

**T&R
1" PE
796589**

THIBERT, REGINA S

PERRINE, ANGELA M

PIN 110031101
ANGELA M. PERE
DOC. 1972248

W

TRUST DATED DECEMBER 21, 2012



GAS WORK REQUEST

4459720

SHEET 11

ITEM NO.	DESCRIPTION
1	ANODE, 1 LB MAGNESIUM
2	ELL, 6" IPS 90 DEG. BUTT FUSE
3	ELL, 6" IPS 90 DEG. BUTT FUSE
4	TEE, PE SERVICE 2" X 1"
5	TEE, PE SERVICE 2" X 1"
6	TEE, PE MED VOLUME 2" X 2"
7	CLAMP, 2" IPS SUPPORT
8	CLAMP, 2" IPS SUPPORT
9	CAP, 2" IPS SOCKET FUSION END

10	SQUEEZE POINT
11	CAP, 2" IPS SOCKET FUSION END
12	TEE, PE MED VOLUME 2" X 2"
13	SQUEEZE POINT
14	SQUEEZE POINT

PIN 110030700
LYN REALESTATE, LLC
DOC. 1697768

LOT 1
CSM 3263
V17/P3263
DOC. 1286416

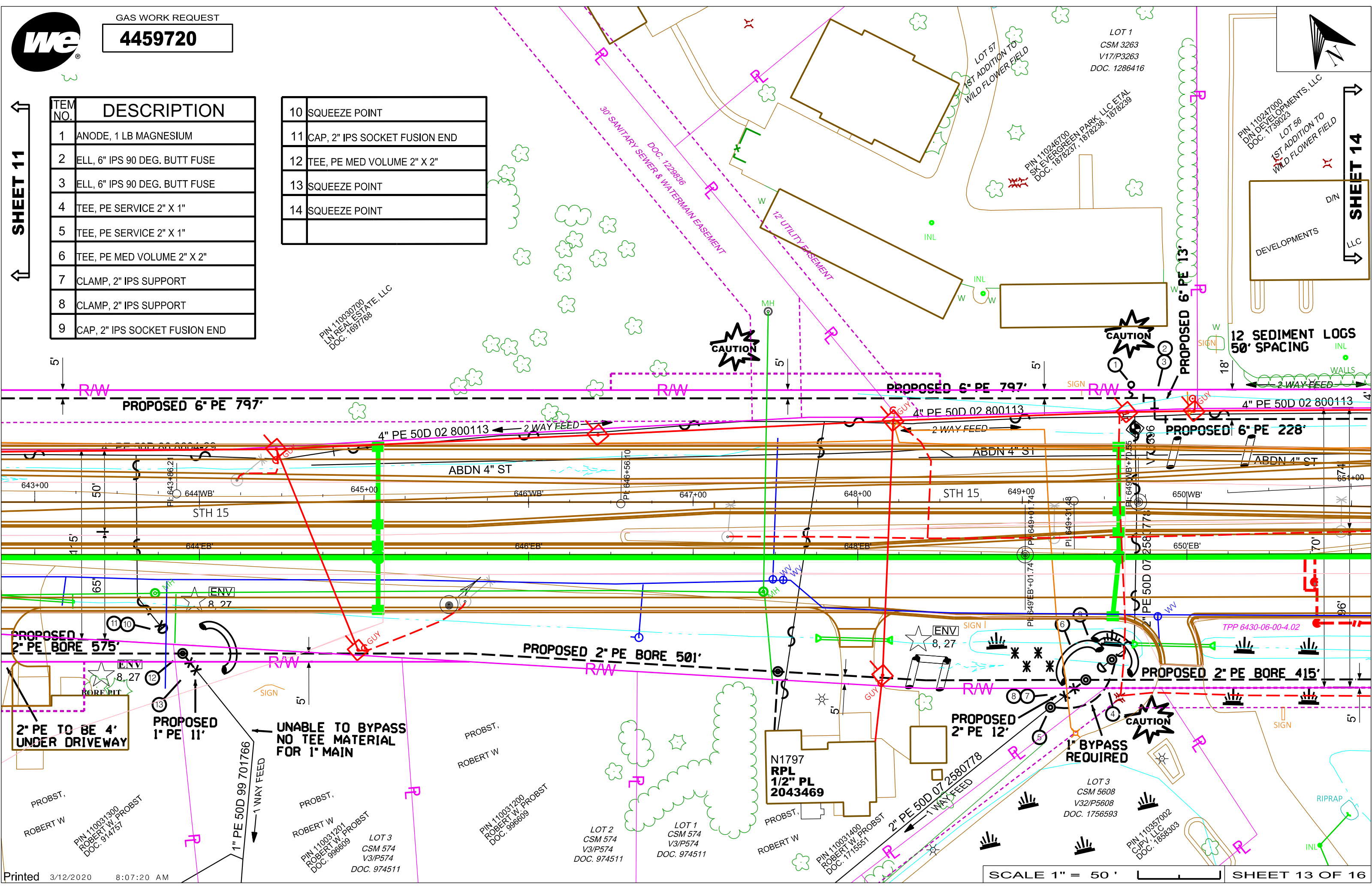
PIN 110246700
SK EVERGREEN PARK, LLC ETAL
DOC. 1878237, 1878238, 1878239

PIN 110247000
DIN DEVELOPMENTS, LLC
LOT 56
1ST ADDITION TO
WILD FLOWER FIELD
DOC. 1738023

DEVELOPMENTS
DIN
LLC

12 SEDIMENT LOGS
50' SPACING

SHEET 14





4459720

N2011 SERVICE CROSSING APPROX. STATION 596WB+52 SHEET 2

STATION	596+52	596+52	596+52	596+52	596+52	596+52	596+52	596+52	596+52	596+52
OFFSET	LT 80'	LT 60'	LT 55'	0	RT 26'	RT 60'	RT 115'	RT 132'	RT 150'	RT 170'
TOP OF MAIN ELEVATION	897	892	891	891	891	891	891	893	895	896
APPROX DEPTH FROM EXISTING	3'	9'	9'	9'	7'	8'	7'	6'	3'	3'
LOCATION	ELL									
NOTES	P-NORTH	E-COMM	P-DITCH	P-RL	P-DITCH	P-RL	P-DITCH	P-RL	P-DITCH	P-ROW
	ROW		NORTH-WB	WB	MEDIAN	EB	EAST	MUT	S-MUT	SOUTH

JULIUS DRIVE CROSSING APPROX. STATION 44JUL+10 SHEET 5

STATION	44+10	44+10	44+10	44+10	44+10	44+10	44+10	44+10
OFFSET	LT 43'	0	RT 8'	RT 27'	RT 41'	RT 44'	RT 47'	RT 70'
TOP OF MAIN ELEVATION	880	880	880	880	879	879	879	880
APPROX DEPTH FROM EXISTING	9'	7'	7'	4.5'	7'	7'	7'	7'
LOCATION	ELL							TEE
NOTES	WEST	P-DITCH	E-TELE	E-GAS	E-DITCH	P-RL	P-DITCH	E-SAN
	ROW	NORTH-WB			NORTH	WB	MEDIAN	

STH 15 CROSSING APPROX. STATION 616WB+79 SHEET 5

STATION	616+79	616+79	616+79	616+79	616+79	616+79	616+79	616+79
OFFSET	LT 106'	LT 78'	LT 55'	LT 50'	LT 36'	0	RT 38'	RT 53'
TOP OF MAIN ELEVATION	877	874	874	874	874	874	874	874
APPROX DEPTH FROM EXISTING	4'	7'	7'	7'	4'	9'	7'	5'
LOCATION	TEE							
NOTES	NORTH	P-DITCH	E-TELE	E-GAS	E-DITCH	P-RL	P-DITCH	E-SAN
	ROW	NORTH-WB			NORTH	WB	MEDIAN	

STH 15 CROSSING APPROX. STATION 616WB+79 SHEET 5 CONTINUED

STATION	616+79	616+79	616+79	616+79				
OFFSET	RT 60'	RT 74'	RT 92'	RT 103'				
TOP OF MAIN ELEVATION	874	874	874	874				
APPROX DEPTH FROM EXISTING	5'	5'	4'	5'				
LOCATION				ELL				
NOTES	P-RL	E-WATER	E-WATER	SOUTH				
	EB			ROW				

LILY OF THE VALLEY DRIVE CROSSING (NORTH) APPROX. STATION 16LOTV+14 SHEET 14

STATION	16+30	16+30	16+30	16+30	16+30	16+30	16+30	16+30	16+30	
OFFSET	LT 38'	LT 27'	LT 18'	0	RT 9'	RT 15'	RT 22'	RT 35'	RT 50'	
TOP OF MAIN ELEVATION	817	817	817	817	817	817	817	817	817	
APPROX DEPTH FROM EXISTING	3'	3'	4'	4'	4'	4'	4'	4'	4'	
LOCATION	ELL							TEE	ELL	
NOTES	WEST	E-FIBER	E-SAN	P-RL	E-STORM	E-WATER	ABDN	P-GAS	EAST	
	ROW			JUL			GAS		ROW	

STH 15 CROSSING APPROX. STATION 654WB+12 SHEET 14

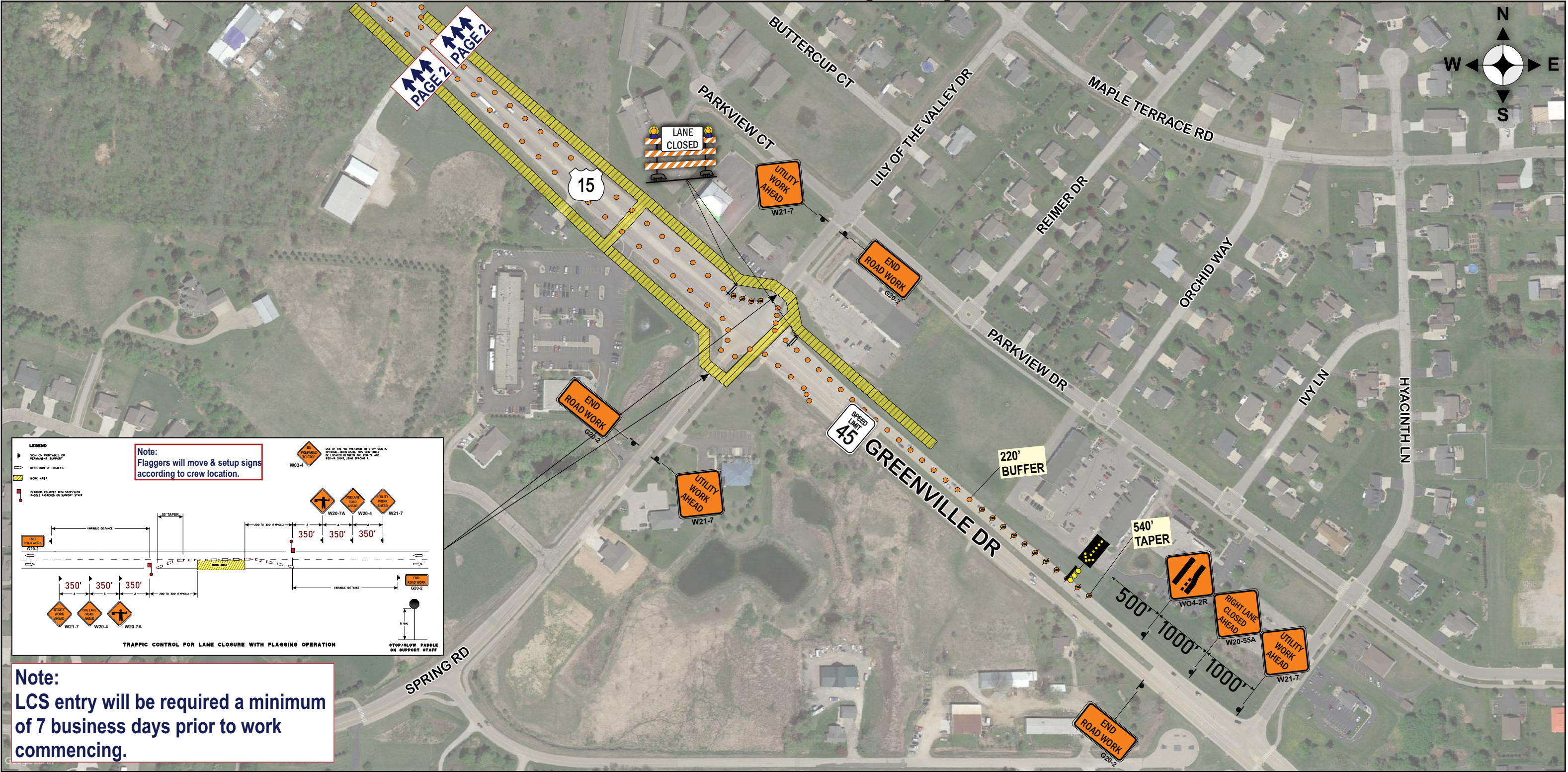
STATION	654+12	654+12	654+12	654+12	654+12	654+12	654+12	654+12
OFFSET	LT 114'	LT 78'	LT 71'	LT 44'	LT 38'	0	RT 43'	RT 75'
TOP OF MAIN ELEVATION	817	817	817	821	821	821	817	816
APPROX DEPTH FROM EXISTING	4'	5'	5'	4'	4'	4'	7	6'
LOCATION	TEE							
NOTES	NORTH	E-ELEC	E-FIBER	E-COMM	ABDN	P-RL	P-STO	E-WATER
	ROW				GAS	WB	CAUTION	

STH 15 CROSSING APPROX. STATION 654WB+12 SHEET 14

STATION	654+12	654+12	654+12					
OFFSET	RT 84'	RT 108'	RT 141'					
TOP OF MAIN ELEVATION	818.5	819	822					
APPROX DEPTH FROM EXISTING	6.5'	6'	4'					
LOCATION			TEE					
NOTES	E-SAN	E-STO	SOUTH					
			END					

LILY OF THE VALLEY DRIVE CROSSING (SOUTH) APPROX. STATION 13LOTV+71 SHEET 12

STATION	13+71	13+71	13+71	13+71	13+71	13+71	13+71	13+71
OFFSET	RT 47'	RT 30'	RT 25'	RT 17'	0	LT 21'	LT 27'	LT 35'
TOP OF MAIN ELEVATION	821	821	821	821	821	820	818	819
APPROX DEPTH FROM EXISTING	4'	4.5'	4'	4'	4'	4'	4'	4'
LOCATION	TEE							
NOTES	EAST	E-ELEC	E-STO	E-WATER	P-RL	E-SAN	E-DITCH	WEST
	ROW				LOTV			END



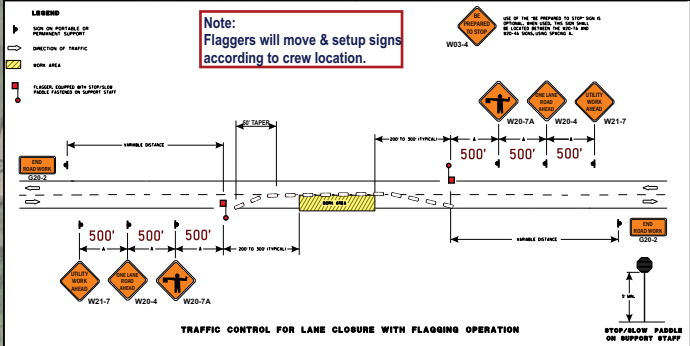
TRAFFIC CONTROL LEGEND

WORK AREA	ARROWBOARD
TEMP. SIGN SUPPORT	
TRAFFIC CONTROL DRUM WITH LIGHT	
TRAFFIC CONTROL DRUM WITHOUT LIGHT	
42" GRABBER CONE	
FLAGGER	
TYPE III BARRICADE WITH ATTACHED SIGN	

NOTES

- RIGHT LANE CLOSURES ALONG GREENVILLE DR/STH 15, EASTBOUND & WESTBOUND.
 - FLAGGING SETUP ALONG LILY OF THE VALLEY DR.
- Note:**
Flaggers will move & setup signs according to crew location.
- REFERENCE DOT S.D.D. 15 C 12-4
REFERENCE DOT S.D.D. 15 D 20-4

 Primeris Services Corporation Q3 Contracting: 262-522-8015	Q3 JOB NO: 2531000
	PROJECT/P.O.#: 4459720 IO#MRL21501630
	PREPARED BY: ASHLEY OLSON
	DATE PREPARED: 02/24/2020
	STAGING TIME: 1 HOUR
	CUSTOMER NAME: WE ENERGIES (WISC)
PROJECT LOCATION: STH 15 & NORTH RD	ORDERED BY: GREG SMEDEMA
CITY: ELLINGTON	
WORK DESCRIPTION: PAVING RELOCATION	



Note:
LCS entry will be required a minimum of 7 business days prior to work commencing.

TRAFFIC CONTROL LEGEND

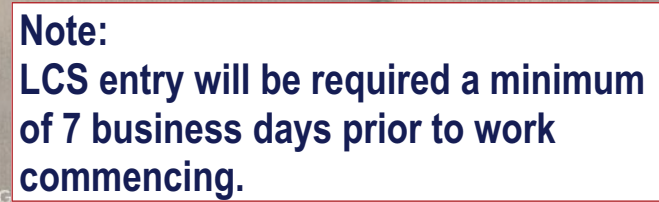
	WORK AREA
	TEMP. SIGN SUPPORT
	TRAFFIC CONTROL DRUM WITHOUT LIGHT
	42" GRABBER CONE
	FLAGGER

NOTES

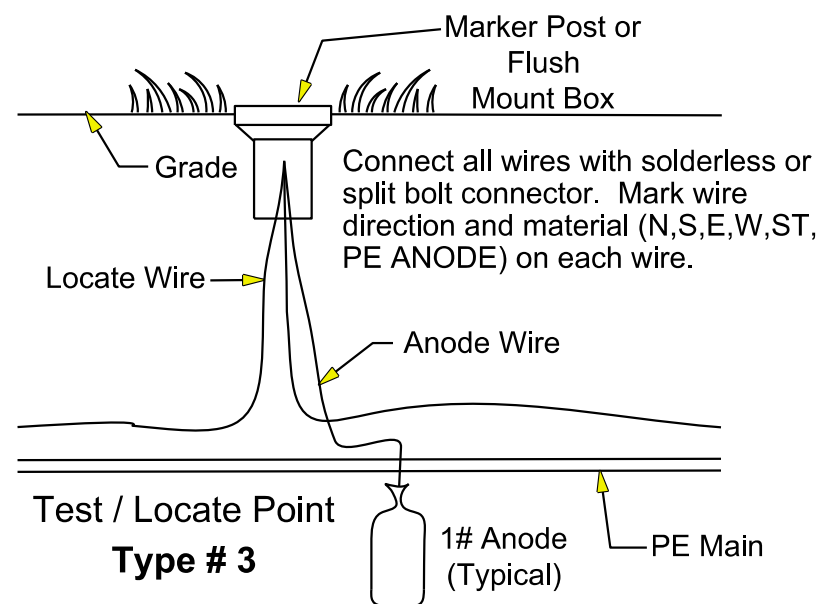
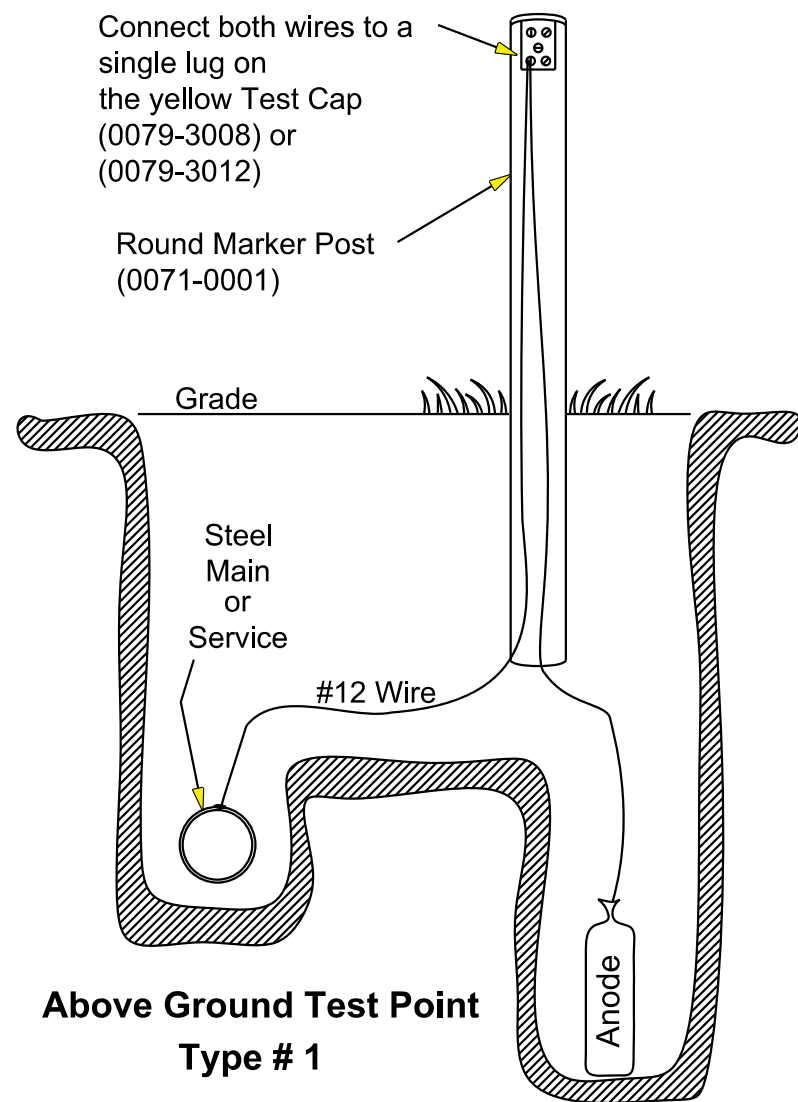
- SHOULDER CLOSURE ALONG GREENVILLE DR/STH 15.
 - FLAGGING SETUP ALONG JULIUS DR.
- Note:**
Flaggers will move & setup signs according to crew location.
- REFERENCE DOT S.D.D. 15 C 12-4
- REFERENCE DOT S.D.D. 15 D 27-3

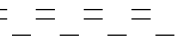
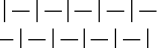
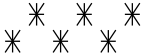
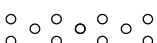
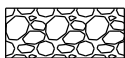
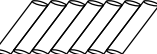
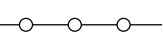


Q3 JOB NO:	2531000
PROJECT/P.O.#:	4459720 IO#MRL21501630
PREPARED BY:	ASHLEY OLSON
DATE PREPARED:	02/24/2020
STAGING TIME:	1 HOUR
CUSTOMER NAME:	WE ENERGIES (WISC)
ORDERED BY:	GREG SMEDEMA
PROJECT LOCATION:	STH 15 & NORTH RD
CITY:	ELLINGTON
WORK DESCRIPTION:	PAVING RELOCATION



TRAFFIC CONTROL LEGEND		NOTES	Q3 Contracting: 262-522-8015	
 WORK AREA		• SHOULDER CLOSURE ALONG GREENVILLE DR/STH 15. • FLAGGING SETUP ALONG JULIUS DR. Note: Flaggers will move & setup signs according to crew location. REFERENCE DOT S.D.D. 15 D 27-3 REFERENCE DOT S.D.D. 15 C 12-4	 Primeris Services Corporation	Q3 JOB NO: 2531000
 TEMP. SIGN SUPPORT			PROJECT/P.O.#: 4459720 IO#MRL21501630	
 TRAFFIC CONTROL DRUM WITHOUT LIGHT			PREPARED BY: ASHLEY OLSON	
 42" GRABBER CONE			DATE PREPARED: 02/24/2020	
 FLAGGER			STAGING TIME: 1 HOUR	
			CUSTOMER NAME: WE ENERGIES (WISC)	ORDERED BY: GREG SMEDEMA
			PROJECT LOCATION: STH 15 & NORTH RD	
			CITY: ELLINGTON	
			WORK DESCRIPTION: PAVING RELOCATION	



WE ENERGIES - GAS OPERATIONS Unless otherwise noted in this document, the following notes apply: Existing facilities should be field verified prior to excavation. Utility information shown are from plans and have not been field verified. Maintain 12" min vertical clearance at crossing of existing electrical facilities. Maintain 6" min vertical clearance at crossing of other existing facilities. Maintain 18" min vertical clearance at crossing of existing storm sewer pipes. Maintain 5' clearance from storm sewer inlets. Staking of route or ROW by surveyor required prior to construction. Clearances shown are min distances - reference permit for specific clearance requirements. Additional information on excavation, backfilling & clearances can be found in the Gas CRS 201. Restore all pavement, ROW, sidewalks, and customer's private property.		CONVENTIONAL SYMBOLS  END OF MAIN CAPPED WITH AN ANODE ATTACHED TO THE TRACER WIRE - 2' x 4' EXCAVATION.  VALVE IN AN 8" DIAMETER METALLIC BOX SET TO GRADE  17# ANODE ATTACHED TO THE MAIN IN THE SAME TRENCH  GAS MAIN CUT OFF AND CAPPED 4' x 5' EXCAVATION  METER CHANGE  TEST & RECONNECT SERVICE  REPLACE SERVICE	
EROSION CONTROL LEGEND  ENV 8, 27 APPROXIMATE LOCATION FOR UNDERGROUND FACILITY EXCAVATION  INLET PROTECTION, TYPE A/B/C/D  12" WATTLE or 12"/20" SEDIMENT LOG or 9.5"/20" EROSION EEL  STONE DITCH CHECK  ROCK BAG  MULCH  SOIL STABILIZER, TYPE A  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 TSB TEMPORARY SEDIMENT BASIN  SURFACE WATER FLOW		WE ENERGIES WORK REQUEST ENVIRONMENTAL NOTES (Notes 1 through 7 apply to ALL work requests) General 1. If WDNR and/or USACE permits were obtained for the project, all permit conditions shall be met during construction of the project. Erosion Control 2. 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. 3. Erosion Control BMP's shall meet or exceed the approved WDNR Storm Water Management Technical Standards (http://dnr.wi.gov/topic/stormwater/standards/const_standards.html). Refer to We Energies Construction Site Sediment and Erosion Control Standards. 4. Inspect installed erosion control BMP's at least one time per week and after ½" rain events: repair as necessary. 5. 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 6. 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 7. If an oil spill occurs during construction, call the Environmental Incident Response Team (EIRT) at 414-430-3478: a. Any quantity of oil is spilled into surface water; b. Any oil spill greater than 50 ppm PCB into a sewer, vegetable garden, or grazing land; c. Any oil spill containing greater than 500 ppm PCB; d. Five gallons or more of oil spilled to the ground; e. Any oil spill involving a police department, fire department, DNR, or concerned property owner. Notes 8 through 27 apply as noted at specific points within each work request: Dewatering 8. 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 9. As much as practicable, the majority of the work shall be staged from the public roadways and road shoulders, keeping equipment out of adjacent wetlands. 10. All work shall be conducted to minimize soil disturbance. No rutting will be allowed within the wetlands. 11. 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. 12. Excavated soils cannot be stockpiled in wetlands. 13. All excess spoils shall be removed from wetlands and placed in a suitable upland location. 14. Trenching and pit excavations within wetlands shall include soil segregation to facilitate restoration of pre-construction soil stratification, and restoration to pre-construction elevations. 15. Poles scheduled to be removed, and that occur within wetland, shall be cut at the ground surface. Waterways 16. No work can be performed within the banks or below the ordinary high watermark of any navigable waterways/streams. 17. No crossing of navigable waterways with equipment can occur. Foot traffic is allowed. 18. 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 19. 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. 20. In order to protect the threatened or endangered species, work must be conducted between November 5 and March 15. 21. Exclusion fencing must be installed at the work area prior to March 15. 22. A qualified biologist must be present when conducting work at this location. Invasive Species 23. 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 Right-of Way Best Management Practices should be followed: (http://council.wisconsinforestry.org/invasives/transportation/). Cultural and Historical Resources, cont. 24. 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. 25. 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. 26. 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 27. A frac-out contingency plan shall be on-site and implemented accordingly. The contingency plan shall incorporate the following components. a. Continuously inspect the bore paths for frac-outs in order to respond quickly and appropriately. b. Containment materials (e.g. silt fence, straw bales, sand bags, etc.) shall be on site and available should a frac-out occur.	





SDD 15D28 Traffic Control, Work on Shoulder or Parking Lane, Undivided Roadway

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- DIRECTION OF TRAFFIC
- WORK ZONE

If shoulder closure encroaches onto or over the travel way edgeline, a lane closure with flagging should be utilized instead.

TABLE A

SHOULDER TAPER LENGTH (FEET)					BUFFER SPACE (FEET)
S \ W	4	6	8	10	
30	20	30	40	50	200
35	30	45	55	70	250
40	40	55	75	90	305
45	60	90	120	150	360
50	70	100	135	170	425
55	75	110	150	185	495

W = SHOULDER WIDTH (FEET)
S = NON-CONSTRUCTION SPEED LIMIT (MPH)

TAPER LENGTH

L = WS AT 45 MPH OR GREATER
L = WS² / 60 AT 40 MPH OR LESS

SHOULDER TAPER LENGTH = 1/3L

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

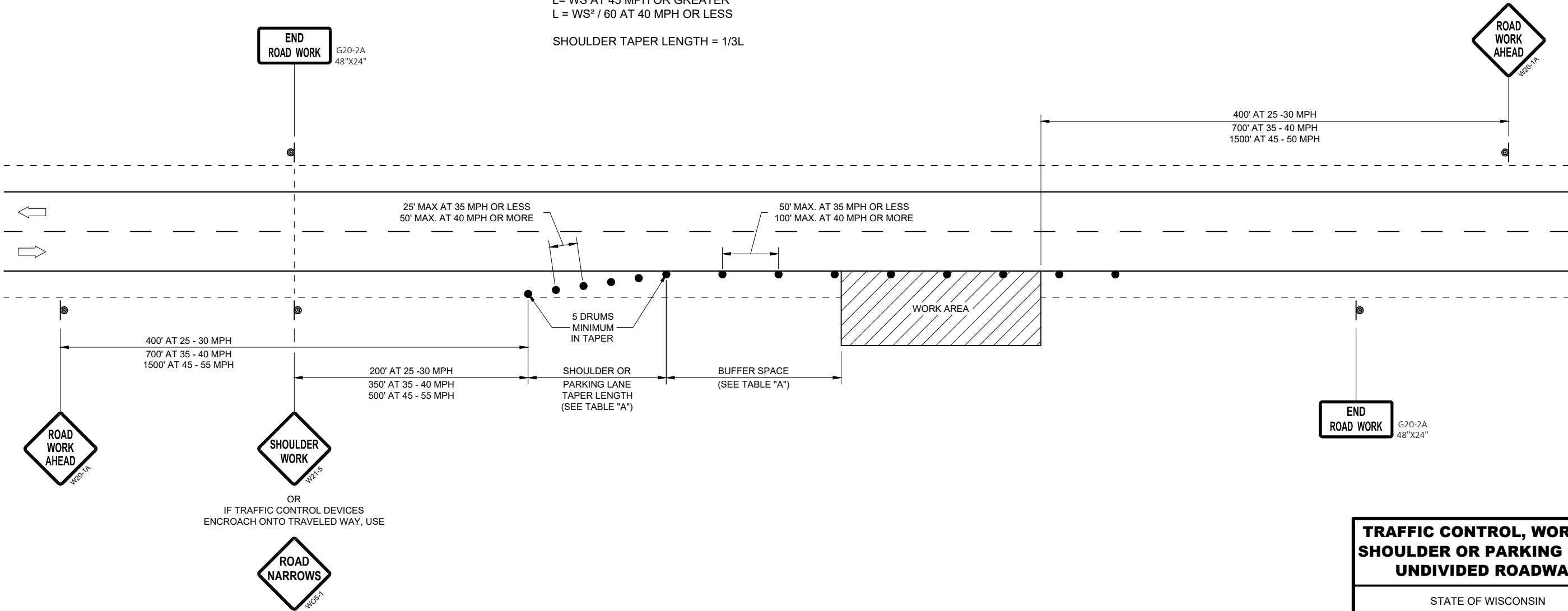
W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY RESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.

6

SDD 15D28 - 03

6

SDD 15D28 - 03



TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2019
DATE
/S/ Andrew Heidtke
STATEWIDE WORK ZONE TRAFFIC
SAFETY ENGINEER
FHWA