



April 26, 2017

City of Appleton  
Attn: Matthew Rehbein  
100 N. Appleton St.  
Appleton, WI 54911

Subject: Invoice for electric line extension E. Vantage Drive, Appleton

Dear Mr. Rehbein:

Thank you for your application for new electric facilities. Please review the following information.

**Cost Details:**

- The cost for this project will be \$19,944.52. Additional charges may apply if we encounter unusual conditions, delays in your construction schedule or other changes that you request.
- Additional charges will apply if installation is requested from Dec. 1 through March 31.
- The cost does not include electric service to sewer lift stations, community well pumps, lighting, etc.
- Please advise potential lot buyers that additional charges may apply for service to their building.
- Installation cost must be paid in advance of construction.
- If an additional cost estimate is needed within 12 months, there will be a charge for preparing the new estimate.
- This cost is valid for 90 days provided this letter and enclosed drawing are signed and returned with payment, the site is ready, and all other requirements are met.

**Payment Remittance:**

Remit payment, if applicable, using one of the following options. Reference the work request number shown below on your check or when paying via phone or online.

- Personal check.
- Online at [www.we-energies.com/payconstructionbill](http://www.we-energies.com/payconstructionbill).
- Phone at 855-570-0998.

**Refund details:**

- You may be entitled to a partial refund for each meter connected to these facilities within five years of the energized date.
- Refunds will not exceed the amount of the original cost.

**Facility Location:**

- To avoid damage to underground facilities, you are responsible for locating and marking (with stakes, spray paint or flags) any buried obstructions and private underground facilities like lighting, septic systems, wells, sprinkler systems, etc.
- It is very important that you mark these facilities as We Energies and/or its agents are not responsible for damage to your facilities that are not properly marked before our work begins.

**Construction:**

Please consider this information when developing your project timeline:

- Once all job requirements are met, allow us a minimum three-week lead time for scheduling the installation of electric facilities.
- The area along the route of our facilities must be graded to within four inches of final grade. Fill, if deeper than three feet, must be compacted prior to the installation of our facilities. If relocation or repair of our facilities becomes necessary because of a grade change greater than four inches, you will be billed the full relocation or repair costs.
- Easements to install and maintain all We Energies facilities, including the right to cut out brush, shrubs and trees, must be provided.
- Lot line stakes are required along the proposed route.
- Streets should not be paved or sealed prior to the installation of our facilities.

Surface Restoration:

- Surface restoration in the public right-of-way, for facilities installed beyond your project limits, will be completed according to municipal guidelines.
- Restoration within your development will include backfilling and compacting using existing soil.
- All cut brush, shrubs and trees will be left at the site along our trench route.

As a reminder, you need to return the signed invoice and signed drawing along with your payment. Sign and return the enclosed Grade Verification Form only after its provisions have been met. If you have any questions, please call me. I look forward to working with you to make your project a success.

Sincerely,



Stacy Czajkowski  
Energy Services Consultant  
Phone: 920-380-3346  
Fax: 920-380-3506

Work Request #: 3801595

Accepted by: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

P.S. For more information on the application and construction process for new developments, visit [www.we-energies.com/builders-contractors](http://www.we-energies.com/builders-contractors).

Enclosure



ELEC WR: **3801595**  
 GAS WR: \_\_\_\_\_

CITY / TOWN / VILLAGE: C - APPLETON

CUST/PROJ NAME: CITY OF APPLETON

PROJECT LOCATION: E VANTAGE DR

BETWEEN EISENHOWER & ALLIANCE

WORK DESCRIPTION: INSTALL 3Ø PRIM DISTRIBUTION

PRIOR TO STREET WORK BY CITY OF APPLETON

PREPARED BY: ANDY ROOYAKKERS

E-MAIL: ANDREW.ROOYAKKERS@WE-ENERGIES.COM

OFFICE #: 920-380-3476 CELL #: 920-658-4857

PAGER #: \_\_\_\_\_ IO #: 10691

PROJECT ID: \_\_\_\_\_ CGS #: \_\_\_\_\_

DATE PREPARED: 4/21/17 DATE REVISED: \_\_\_\_\_

RAILROAD PERMITTING/FLAGGING REQUIRED:  YES  NO

CORROSION CONTACT: NA

PHONE #: \_\_\_\_\_

**COMMON INFORMATION**

**STAKING REQUIREMENTS:**

SURVEYOR  STAKED  MAIN / SERVICE IN EASEMENT:  YES  NO

DESIGNER  NOT NEEDED

RESTORE PRIVATE PROPERTY:  WE ENERGIES  CUSTOMER

WORK IS APPROX 1200 FT. DIRECTION E OF CL OF

S.QUEST DR. NEAREST CROSS STREET

OPER MAP #: 3806-8984-02 FEEDERLINE #: ELPK64 ABG

CATV JOINT USE #: \_\_\_\_\_ TEL. JOINT USE #: \_\_\_\_\_

**ELECTRIC INFORMATION**

**PROPOSED GAS SERVICE INFORMATION**

MTR SIZE: \_\_\_\_\_ MTR TYPE: \_\_\_\_\_ PRES: \_\_\_\_\_  FV

SERV PIPE SIZE: \_\_\_\_\_ MATERIAL: \_\_\_\_\_  RELIGHT

MTR LOC: \_\_\_\_\_ FT. \_\_\_\_\_ OF \_\_\_\_\_ CORNER  CURB VLV

CONSTRUCTION TYPE: \_\_\_\_\_  TE IN PIPING

CONSTRUCTION TYPE: \_\_\_\_\_  TE IN PIPING

PHONE #: \_\_\_\_\_

PHONE #: \_\_\_\_\_

**JOB INFO:**

SECTION / TOWN / RANGE: SE1/4 SEC4, T20N, R18E

SITE VISIT COMPLETED BY: ANDY ROOYAKKERS

JOB OWNER: STACY CZAJKOWSKI (920) 380-3346

**CONTINGENCIES & COMMENTS:**

DIGGERS HOTLINE REQUIRED

WE ENERGIES WILL NOT RESTORE

WE ENERGIES WILL NOT HAUL SPOIL

CUSTOMER IS REQUIRED TO LOCATE ALL PRIVATE UNDERGROUND FACILITIES PRIOR TO INSTALLATION

WE ENERGIES IS NOT RESPONSIBLE FOR ROOT DAMAGE

**VANTAGE DR WRS:**

3802081: GAS MAIN

3801595: 3Ø ELEC

3803259: STREET LIGHTING

**GAS TO BE INSTALLED  
 SOLO IN ROW**

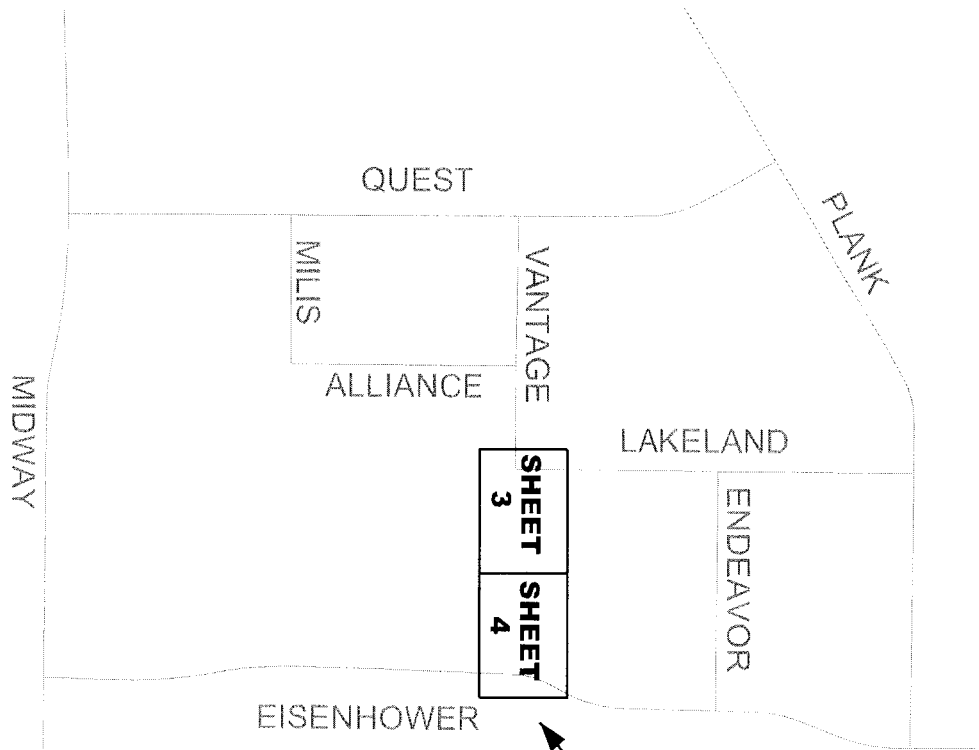
**ELEC WILL BE INSTALLED  
 WITHIN EASMENTS ON PRIVATE**

**CRITICAL SAFETY RULES - EO:**

1. Enclosed space procedures
2. Excavation and shoring
3. Rubber gloves and sleeves
4. Fall protection
5. Lock out - Tag out
6. Seat belts
7. Securing parked vehicles

CUSTOMER HAS REVIEWED AND APPROVES SKETCH

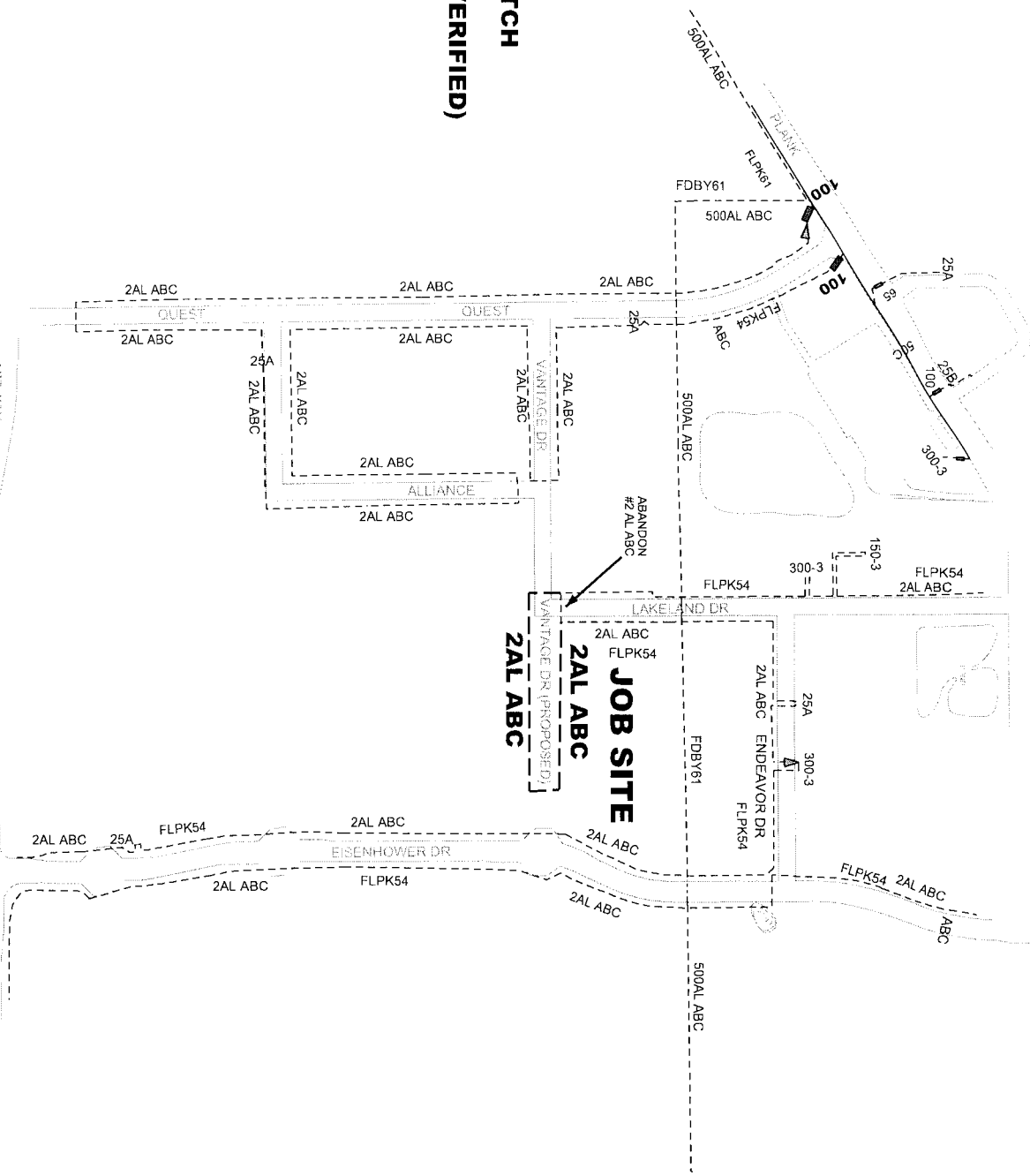
CUSTOMER'S SIGNATURE OF APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_



**JOB SITE**

SHEET NO.  
1 OF 4

**FEEDER SKETCH**  
**F LPK54 ABC**  
**(NOT FIELD VERIFIED)**



**JOB SITE**  
 VANTAGE DR (PROPOSED)  
 2AL ABC  
 2AL ABC  
 2AL ABC



**WES**  
ELEC WR 3801595  
GAS WR

**VANTAGE DR WRS:**  
3802081: GAS MAIN  
3801595: 3Ø ELEC  
3803259: STREET LIGHTING

**THIS JOB TO BE CONSTRUCTED  
AT SAME TIME AS LIGHTING JOB  
(WR 3803259)**

WIRE KEY:  
F17: 3 - #2 AL  
S3: 1 - 1/0 TXR

LAKELAND DRIVE

ALLIANCE DRIVE

**VANTAGE DR  
(EXISTING)**

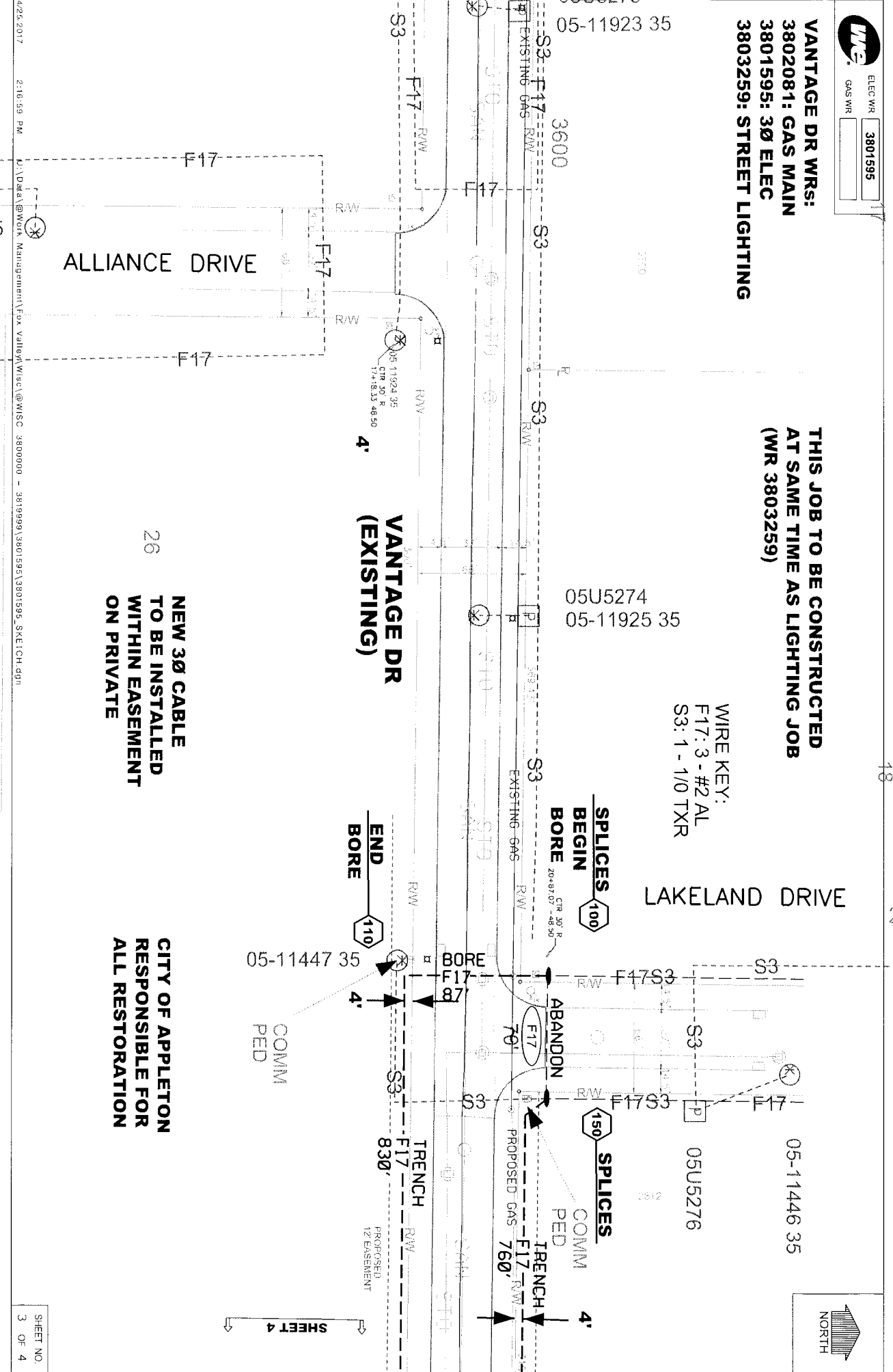
**NEW 3Ø CABLE  
TO BE INSTALLED  
WITHIN EASEMENT  
ON PRIVATE**

**CITY OF APPLETON  
RESPONSIBLE FOR  
ALL RESTORATION**

4/26/2017 2:16:59 PM U:\Data\Work Management\Fox Valley\Wisc\@WISC 3800000 - 3819999\3801595\3801595\_SKE104.dgn

SHEET NO.  
3 OF 4

SHEET 4





**WE ENERGIES - ELECTRIC OPERATIONS**

UNLESS OTHERWISE NOTED IN THIS DOCUMENT, THE FOLLOWING NOTES APPLY:  
 -LOCATION OF OBSTRUCTIONS ARE FROM RECORDS AND MUST BE VERIFIED IN THE FIELD.  
 -MAINTAIN 2' MIN. CLEARANCE BETWEEN OUTSIDE FACE OF MANHOLE & BELL OF PIPE.  
 -THIS APPLIES TO GAS AND WATER MAINS.  
 -MAINTAIN 2' MIN. VERTICAL CLEARANCE AT CROSSINGS OF SEWER OR WATER MAINS.  
 -MAINTAIN 5' MIN. HORIZONTAL DIST. BETWEEN CONDUIT AND SEWER.  
 -MAINTAIN 3' MIN. HORIZONTAL DIST. BETWEEN CONDUIT AND WATER MAINS.  
 NOTE - CLEARANCES SHOWN ARE MINIMUM DISTANCES - REFERENCE PERMITS FOR SPECIFIC CLEARANCE REQUIREMENTS. ADDITIONAL UNDERGROUND INFORMATION ON EXCAVATION, BACKFILLING AND CLEARANCES CAN BE FOUND IN STD. 281-402.

**EROSION CONTROL LEGEND**

	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
	TEMPORARY SEDIMENT BASIN
	SURFACE WATER FLOW

**STANDARD WIRE KEY**

OVERHEAD PRIMARY E, F, H, Q, R, W, X or Z	STATIC WIRE - SW 1/0AS for W, H and J; 2/0AS for R	NEUTRAL	SECONDARY - 1PHASE	SECONDARY - 3PHASE
Z 1 #2 ACSR		N 1 #2 ACSR	S 6DX	\$ 1/0 TXF
Z1 1 #1/0 ACSR		N1 1 #1/0 ACSR	S1 4 TX	\$1 4/0 TXF
Z2 1 #3/0 ACSR	DIRECT BURY PRIMARY - E, F, H, Q, R, W, X or Z	N2 1 #3/0 ACSR	S2 2 TX	\$2 3/6 TXF
Z3 3 #2 ACSR		N3 1 #4/0 AL	S3 1/0 TXR	\$3 3/0 TX
Z4 3 #1/0 ACSR	Z13 1 #1 AL 25KV	N4 1 #4336 ACSR	S4 3/0 TXR	\$4 350 TX
Z5 3 #3/0 ACSR	Z14 3 #1 AL 25KV	N5 REMOVAL	S5 350 TXR	\$5 750 TX
Z7 3 #336 ACSR	Z15 3 #500 AL 28KV	GUYNIG	S6 750 TXR	\$6 1/0 QXF
Z9 SPECIAL LIST ON SKETCH	Z16 1 #2 AL 15KV	G 1/4" ARM GUY	S7 1/0 TXF	\$7 3/0 QXF
Z10 1 WIRE REMOVAL	X17 3 #2 AL 15KV	G1 5/16" ARM GUY	S8 4/0 TXF	\$8 350 QXR
Z11 2 WIRE REMOVAL	X18 3 #500 AL 15KV	G2 3/8" ARM GUY	S9 336 TXR	\$9 750 QXR
Z12 3 WIRE REMOVAL	R19 3 #1/0 AL 35KV	G3 5/16" POLE GUY	S10 750 TXF	\$10 3 WIRE REMOVAL
	R20 3 #750 AL 35KV	G4 3/8" POLE GUY	S11 3 WIRE REMOVAL	\$11 3/0 QXR
	Z21 3 #750 AL 28KV	ON SKETCH	S12 3 WIRE MAIN	\$12 4 WIRE REMOVAL

**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**

- If soil disturbance occurs on slopes or channels/ditches leading to wetlands or waterways or within wetlands, the disturbed areas shall be stabilized and appropriate erosion control Best Management Practices (BMP's) shall be implemented.
- Erosion Control BMP's shall meet or exceed the approved WDNR Storm Water Management Technical Standards ([http://dnr.wi.gov/topic/stormwater/standards/cons\\_standards.html](http://dnr.wi.gov/topic/stormwater/standards/cons_standards.html)).
- Refer to We Energies Construction Site Sediment and Erosion Control Standards.
- Repaired installed erosion control BMP's at least one time per week and after 1/2" rain events; repair as necessary.
- When temporary stabilization is required (e.g. for winter or short-term construction) prior to final restoration, soil stabilizer shall be installed wherever possible. Erosion mat shall be used temporarily only where appropriate, in accordance with state standards, and when approved by the Operations Supervisor.

**Contaminated Soils**

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

**Spills**

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

**Notes 8 through 27 apply as noted at specific points within each work request:**

**Dewatering**

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

**Wetlands**

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

**Waterways**

- All excess spoils shall be removed from wetlands and placed in a suitable upland location.
- Trenching and pit excavations within wetlands shall include soil segregation to facilitate restoration of pre-construction soil stratification, and restoration to pre-construction elevations.
- Poles scheduled to be removed, and that occur within wetland, shall be cut at the ground surface.
- No work can be performed within the banks or below the ordinary high watermark of any navigable waterways/streams.
- No disturbing of navigable waterways with equipment can occur. Foot traffic is allowed.
- Any disurbed soil within 75-feet of the ordinary high water mark of any navigable waterways/streams shall be stabilized within 24 hours of construction completion.

**Threatened and Endangered Species**

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

**Invasive Species**

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

**Cultural and Historical Resources, cont.**

- The project is within or adjacent to an area that is identified by the State of Wisconsin as potentially having Native American artifacts, burial mounds or burial sites, which could be encountered during construction.
- If human bone or any artifacts are discovered during construction, work must cease immediately. Contact the Environmental Department who will contact the State Burial Sites Preservation Office and determine the next steps that must be taken in order to comply with state law. Work at final site MAY NOT PROCEED until the Environmental Department authorizes it.
- A "qualified archaeologist," as specified under Wis. Stats 157.70 (1) (i) and Wis. Admin. Code HS 2.04 (9), must be present to monitor all ground disturbing activities.

**Frac-out Contingency Plan**

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



## GRADE VERIFICATION FORM

Establishing the final grade on your property is necessary prior to the installation of We Energies underground facilities. To ensure public safety, state and national codes require us to install our facilities at certain depths. If relocation or repair of our facilities becomes necessary because of a grade change greater than 4 inches, you will be billed the full relocation or repair costs.

### Project Details

Development Name: City of Appleton on E. Vantage Drive

Municipality: City of Appleton

Work Request #: 3801595

AUTHORIZATION: I certify that I am the owner, or authorized representative of the owner, of the aforementioned development and that the entire route in which We Energies underground facilities are to be installed is within 4 inches of final grade. I agree that I, or the owner of the property, will pay for any relocation or repair costs incurred by We Energies due to grade change in excess of 4 inches.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_