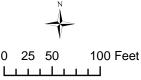
-		[Ар	plication Date	C.U.P Numbe	er
Dane County			0	4/29/2022	DCPCUP-2022-	02569
Conditional Use	Permit		Publi	ic Hearing Date		
Application			0	7/26/2022		
OWNER II	NFORMATION				AGENT INFORMATION	
OWNER NAME WISCONSIN POWER & L	LIGHT CO	Phone with Area Code (608) 458-62	IJE	GENT NAME EROME LUND		Phone with Area Code (608) 458-6221
BILLING ADDRESS (Number, Street 4902 NORTH BILTMORE LN				DRESS (Number, Str 02 N BILTMORE		
(City, State, Zip) MADISON, WI 53718-2148				ity, State, Zip) adison, WI 53718	3	
E-MAIL ADDRESS jeromelund@alliantenergy.co	om			MAIL ADDRESS romelund@alliant	energy.com	
ADDRESS/LOCAT	TION 1	ADDRESS	/LOCA	TION 2	ADDRESS/LOCA	ATION 3
ADDRESS OR LOCATIO	N OF CUP	ADDRESS OF	R LOCA	TION OF CUP	ADDRESS OR LOCAT	ION OF CUP
4017 Timber Lane						
TOWNSHIP CROSS PLAINS	SECTION 13	TOWNSHIP		SECTION	TOWNSHIP	SECTION
PARCEL NUMBERS IN	VOLVED	PARCEL NU	MBER	S INVOLVED	PARCEL NUMBERS	INVOLVED
0707-134-9850	0-5					
		CUP D	ESCRI	IPTION		
Electrical Distribution Sub	station					
	DANE CO	UNTY CODE OF O	RDINA	NCE SECTION		ACRES
10.221(3) utility use						0.5
		DEED RESTRICT REQUIRED?	-	Inspectors Initials	SIGNATURE:(Owner or Age	nt)
		□ _{Yes} □	No			
		Applicant Initials		RWL1	PRINT NAME:	
					DATE:	

Form Version 01.00.03



Legend

Wetland	Significant Soils		
Floodplain	Class 1		
	Class 2	0	2



CUP 02569 WISCONSIN POWER & LIGHT CO



Alliant Energy 4902 North Biltmore Lane P.O. Box 77007 Madison, WI 53707-1007

1-800-ALLIANT (800-255-4268) alliantenergy.com

April 25, 2022

Shawn Widish, Zoning Inspector Dane County Planning and Development City County Building Room 116 210 Martin Luther King Jr. Blvd. Madison, WI 53703

RE: Conditional Use Permit Application Wisconsin Power and Light Timber Lane Substation Rebuild – Town of Cross Plains

Shawn,

Wisconsin Power and Light Company (WP&L) respectfully requests the review and approval of a conditional use permit application for the rebuild of an existing electric distribution substation in the Town of Cross Plains located along 4017 Timber Lane.

I have included the following:

- Completed Conditional Use Application Form
- Scaled drawings and plans for the substation rebuild
- Map showing neighboring land uses and zoning
- Operations Plan

FYI: The Town of Cross Plains has approved a new driveway permit for the relocation of the existing driveway to the north part of the site.

I can be reached at the number or email address below if you have questions about the conditional use application.

Thank you,

Jerry Lund, Real Estate and ROW Consultant Alliant Energy – Wisconsin Power and Light Company 4902 North Biltmore Lane Madison, WI 53718 Office. 608-458-6221 Cell. 608-695-0427 Email. jeromelund@alliantenergy.com

Enclosures



Dane County

(608) 266-4266

210 Martin Luther King Jr. Blvd. Madison, Wisconsin 53703

Department of Planning and Development Zoning Division Room 116, City-County Building

General:	\$495
Mineral Extraction:	\$1145
Communication Tower:	\$1145 (+\$3000 RF eng review fee)
	DIATIONS OR WHEN WORK HAS

CONDITIONAL USE PERMIT APPLICATION

	APPLICA	NT INFORMATION	
Property Owner Name:	Wisconsin Power and Light Co	Agent Name:	Jerome Lund
Address (Number & Street):	4902 N Biltmore Lane	Address (Number & Street):	4902 N Biltmore Lane
Address (City, State, Zip):	Madison, WI 53718	Address (City, State, Zip):	Madison, WI 53718
Email Address:	jeromelund@alliantenergy.com	Email Address:	jeromelund@alliantenergy.com
Phone#:	608-458-6221	Phone#:	608-458-6221

SITE INFORMATION

Township:	p: Cross Plains		Cross Plains Parcel Number(s):		Parcel Number(s):	020/0707-134-9850-5	
Section:	SE1/4 SE1/4 Section 13		Property Address or Location: 4017 Timber Lane				
Existing Zo	ning: FP-1	Proposed Zoning: FP-1	CUP Code Section(s):	10.221(3) Electric Generating Facility			

DESCRIPTION OF PROPOSED CONDITIONAL USE

Type of conditional use permit (for example: limited family business, animal boarding, mineral extraction, or	Is this app	lication I	being	
any other listed conditional use):	submitted			
Electrical Distribution Substation	Yes	No		

Provide a short but detailed description of the proposed conditional use:

Wisconsin Power and Light requests permission to rebuild/update an existing substation located at 4017 Timber Lane. The existing station was build in 1973. WP&L needs to update the existing equipment to provide increased capacity, more reliability, and support of the electric service to the surrounding area. The upgrades would include a new transformer, control enclosure, security fence and driveway relocation.

GENERAL APPLICATION REQUIREMENTS

Applications will not be accepted until the applicant has met with department staff to review the application and determined that all necessary information has been provided. <u>Only complete applications will be accepted</u>. All information from the checklist below must be included. Note that additional application submittal requirements apply for particular uses or as may be required by the Zoning Administrator. Applicants for significant and/or potentially controversial conditional uses are strongly encouraged to meet with staff prior to submittal.

Complete attached information sheet for standards	wn Detailed operational plan	Written legal description of boundaries	Detailed written statement of intent	Application fee (non- refundable), payable to Dane County Treasurer
---	---------------------------------	---	--	---

I certify by my signature that all information presented herein is true and correct to the best of my knowledge. I hereby give permission for staff of the Dane County Department of Planning and Development to enter my property for the purpose of collecting information to be used as part of the review of this application. I acknowledge that submittal of false or incorrect information may be grounds for denial of this application.

Owner/Agent Signature:

_{Date:} 4/25/2022

WP&L TIMBER LANE ELECTRIC SUBSTATION

OPERATIONS PLAN

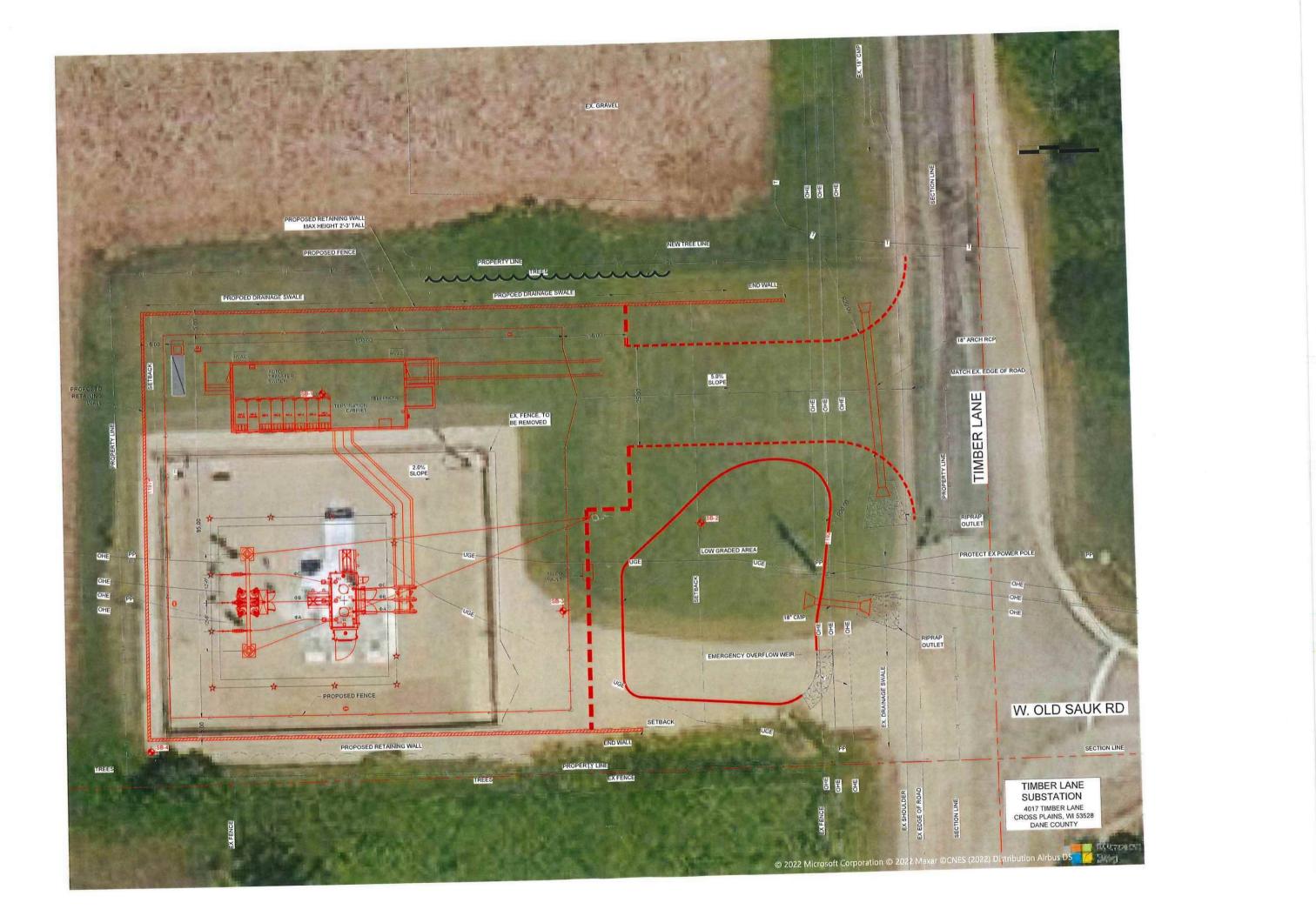
Electric Substation Operations Plan

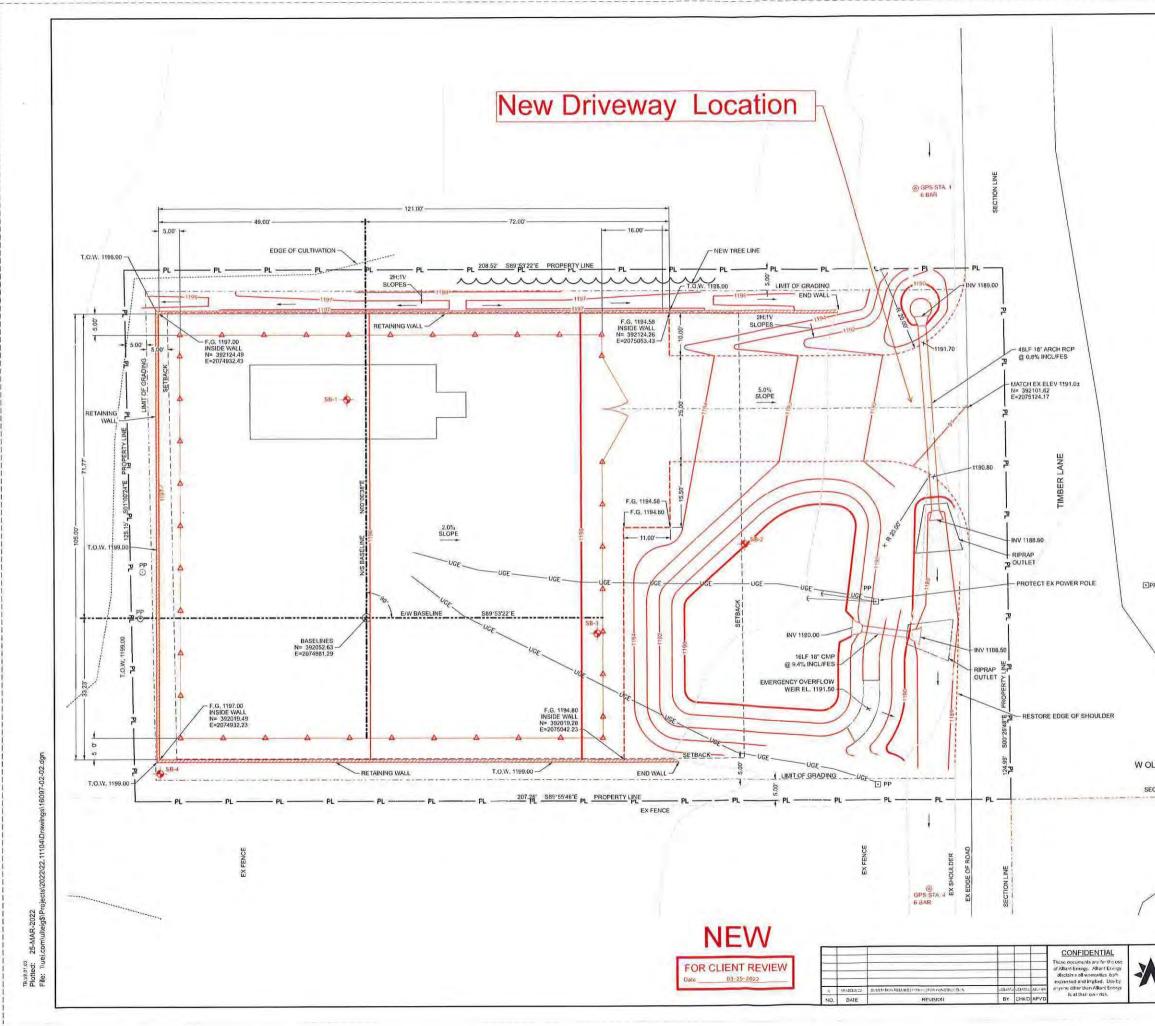
- 1. Type of Activity Proposed
 - Alliant Energy is proposing to rebuild an existing distribution substation that will provide additional electric capacity and a contingency option for the surrounding areas.
- 2. Hours of operation:
 - a. 24/7
- 3. Number of employees
 - a. 0 when in operation
- 4. Outside Storage
 - a. Distribution poles, conductors, transformers for local engineering crews
- 5. Outdoor activities
 - a. Occasional substation inspections and maintenance. Local engineering crews will visit the site on occasion for pick up and drop off of electrical equipment located in the outdoor storage area. WP&L vehicles limited to pick-up style trucks and occasional bucket trucks.
- 6. Outdoor lighting
 - a. One (1) dusk to dawn building mounted light with occupancy sensor to reduce light levels when the site is unoccupied.
 - b. Four (4) pedestal mounted floodlights to be used when emergency maintenance and/or emergency operations is required. These are normally off.
- 7. Outside loudspeakers
 - a. None
- 8. Proposed signs
 - a. Small, fence mounted identification and warning signs.
- 9. Trash removal
 - a. Not normally required. Alliant Energy will remove trash as needed for activities that require it.

Legal Description of Conditional Use Permit Boundaries - WP&L Property Town of Cross Plains

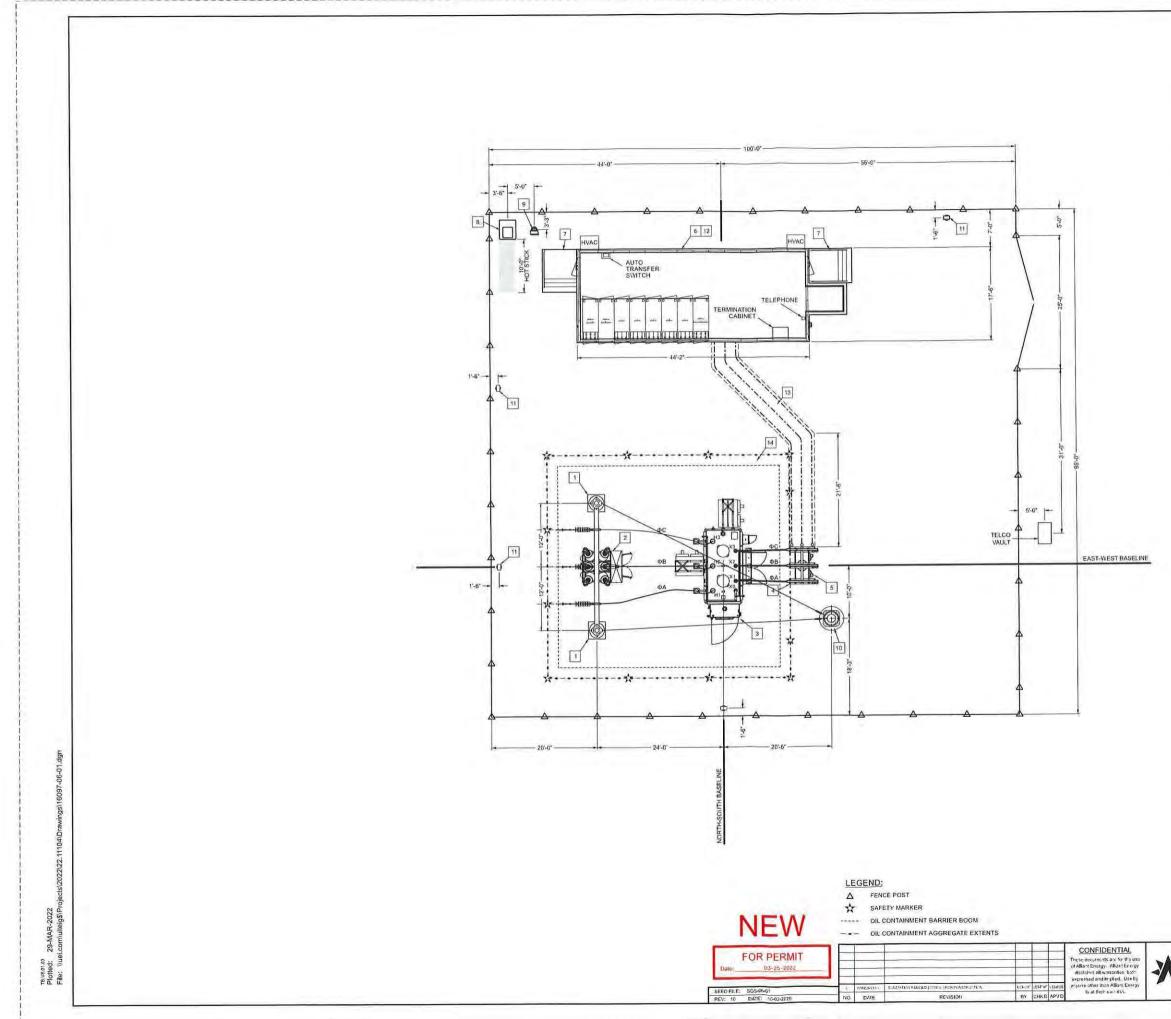
A part of the Southeast Quarter (SE1/4) of the Southeast Quarter (SE1/4) of Section 13, Township 7 North, Range 7 East, 4th Principle Median, Town of Christiana, Dane County, Wisconsin, more particularly described as follows:

Certified Survey Map Number 1402, as recorded on March 26, 1974 in Volume 6, page 70-71 of Certified Survey Maps as Document No. 139230, in the Dane County Registers Office, Dane County, Wisconsin.



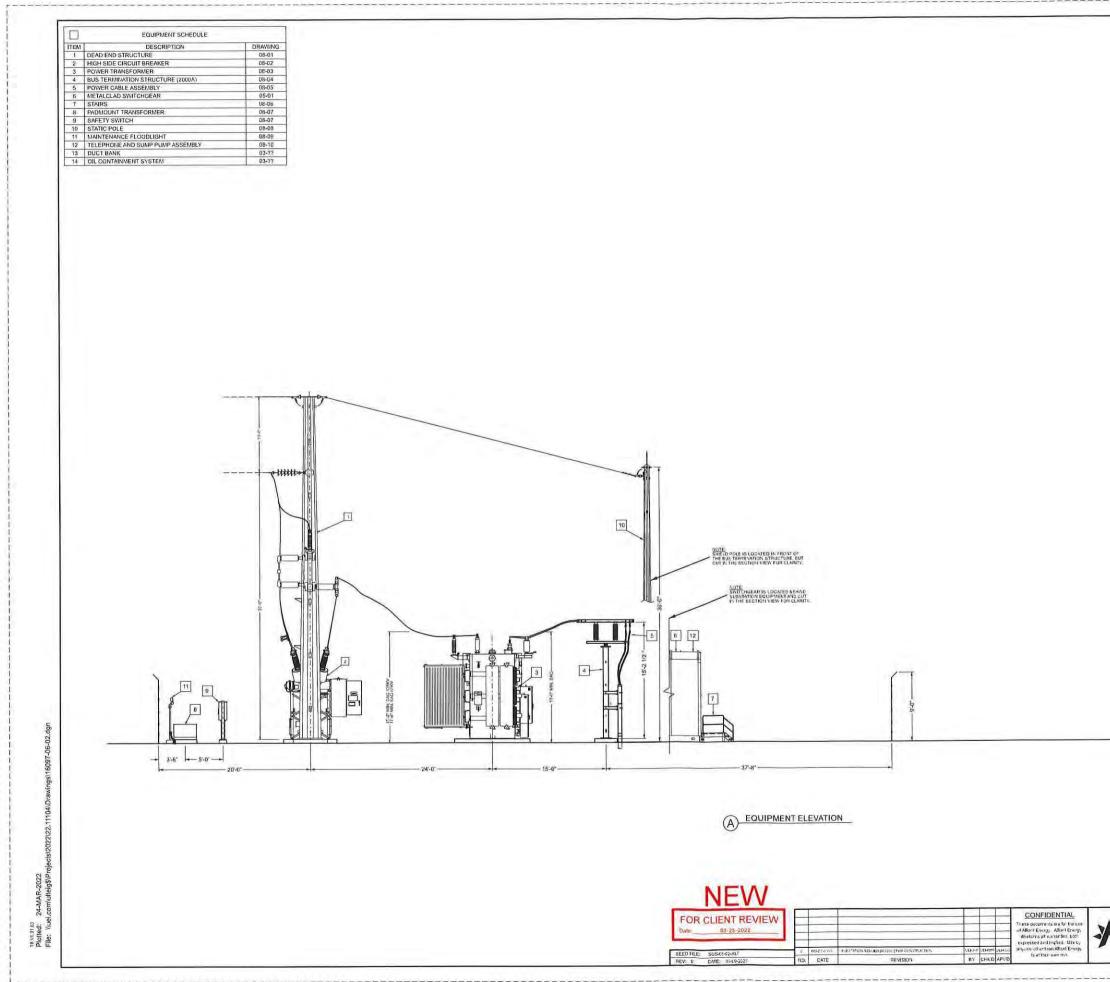


	1	CONTROL HORIZONTAL DATUM - HARNAVI	
	A	HPGN (HARN) WISCONSIN STAT SOUTH ZONE, US FOOT	
		VERTICAL DATUM - UNKNOWN BENCHMARKS MUST BE ESTAB BEFORE COMMENCING CONST	
	N.	LEGEND	SECTION LINE
			RIGHT OF WAY (R.O.W.) PROPERTY LINE
			BUILDING SETBACK
	N	UGE	EX OVERHEAD POWER EX UNDERGROUND POWER
		I PP	EX POWER POLE & GUY WIRE
	4		EX TELEPHONE LINE EX TREE LINE
			EX FENCE
ø	10'	28.	EX GRAVEL LINE EX PAVEMENT LINE
	SCALE: 1"=10"		EX CONTOUR
	and the second second		PROPOSED CONTOUR PROPOSED SUBSTATION PAD
			PROPOSED DRIVE GRAVEL
			PROPOSED RETAINING WALL PROPOSED GRADING LIMIT
	OFNEDAL NO	TES \$58-4	APPROX. SOIL BORING LOCATION
	1. ALL GRADE ELEV	1ES ATIONS AND PROPOSED CONTOURS	ARE AT FINAL GRADE (F.G.).
	2. REMOVE ALL STO	DNE & GRAVEL TO A DEPTH OF 18" FF	ROM SURFACE OF SUBSITE.
	3. ALL SLOPES 3:1	MAXIMUM UNLESS NOTED.	
	4. TOPSOIL WILL BE	PLACED AROUND SUBSITE PERIME D TO BRING UP TO FINAL GRADE AND	TER AND AREAS WHERE SHRUBS
	REMOVED FROM	SITE BY THE CONTRACTOR.	
		AL SHALL BE HAULED OFF AND DISPO	
		UBSITE TO WITHIN 6" TO 8' OF FINAL SPECIFICATION #0065).	GRADE WITH APPROVED FILL
	7. ENTIRE SITE MU	ST BE PROOF-ROLLED WITH A FULLY	LOADED DUMP TRUCK OR
	PROOF-ROLLING SUBGRADE RE-E MAY BE STABILIZ	FT AREAS ARE DETECTED AND NOT 5. THE SUBGRADE SHOULD BE STABI ESTABLISHED PRIOR TO PLACEMENT ED WITH INDIVIDUAL THIN LAYERS C) WORKED INTO THE SUBGRADE.	LIZED AND/OR UNDERCUT AND OF APPROVED FILL SUBGRADE
		HALL FILL SUBSTATION UP TO FINAL * CRUSHED LIMESTONE.	GRADE WITH A 6' TO 8' LAYER OF
	9. REMOVE EXISTI	NG SUBSTATION FENCE AND DISPOS	
	APPLICABLE SO	LID WASTE DISPOSAL REGULATIONS	4
Ń	TRANSPORTATION THE CONTRACT	OR SHALL COMPLY WITH THE WISCO ON HIGHWAY PERMIT OBTAINED BY V OR SHALL HAVE A COPY OF THIS PER HEN CONSTRUCTION IS IN PROGRES	VISCONSIN POWER AND LIGHT CO.
N.	CONSTRUCT	ION NOTES	
1	THE METHODS OF SIT	E PREPARATION WILL DEPEND ON T CONSTRUCTION. CONTRACTOR MU	HE WEATHER CONDITIONS
	RECOMMENDATIONS	FROM GEOTECHNICAL ENGINEERIN TION REBUILD, 4017 TIMBER LANE, C	G EXPLORATION AND ANALYSIS,
	PREPARED BY XXXX,	DATED X-X-22, PROJECT NO. XXXXX GENERAL RECOMMENDATIONS.	
0	1. THE SITE TOPSOIL SUCH GREATER DI	SHALL BE STRIPPED OF VEGETATION EPTH AS MAY BE NECESSARY TO REP (SEE GEOTECHNICAL REPORT)	N TO A DEPTH OF 6 INCHES OR TO MOVE ROOTS AND OTHER
	2 PRIOR TO PLACEM	ENT OF FILL. THE SUBGRADE SHALL	BE PROOF-ROLLED WITH A FULLY
	UNSUITABLE AREA REPLACEMENT W	AXLE DUMP TRUCK WITH A MINIMUM S OBSERVED SHALL BE IMPROVED E TH SUITABLE COMPACTED FILL MATE THE GEOTECHNICAL ENGINEER	BY COMPACTION . BY
	3. ANY MATERIAL IN 1 SHALL BE REMOVE	THE SUBGRADE INCAPABLE OF COM D/ REPLACED WITH ACCEPTABLE M	PACTION TO DENSITIES SPECIFIED ATERIAL.
	8% PASSING #200 1	ALL CONSIST OF A GRANULAR MATE SIEVE AND LESS THAN 40% PASSING ROST SUSCEPTIBILITY AND IS RELATI	THE #40 SIEVE. MATERIAL OF THIS
JK RD	5. FILLS AND EMBAN	KMENTS SHALL BE CONSTRUCTED IN HES OF LOOSE FILL AND LAID PARAL	UNIFORM LIFTS OR LAYERS NOT
INE	TO 95% OF STAND WITHIN PLUS OR M NOT PLACE, SPRE WEATHER CONDIT	TERIAL IN LIFTS NOT EXCEEDING 9 II ARD PROCTOR DENSITY (ASTM D698 MINUS 2% OF THE OPTIMUM DETERM AD. OR COMPACT FILL MATERIAL DU IONS, WET GRANULAR MATERIALS T OR TO COMPACTION.	I), MAINTAIN MOISTURE CONTENT INED FOR MAXIMUM DENSITY, DO RING WET OR UNFAVORABLE
	7. FINISH FILL EXCA NORMALLY OBTAIN	VATED, AND OTHER DISTURBED ARE VABLE WITH A BLADE GRADER FINISI E DRAINAGE, ALLOWABLE TEMPLATE	H GRADE TO A NEAT APPEARANCE /
/		WISCONSIN'S ONE-CALL CEN	
/		DIVULUATION	
	ER LANE STATION	IIII, I. FKS .	muu INF
4017 T	MBER LANE	DINATIO	ainu i LiiniL
CROSS PL	AINS, WI 53528 E COUNTY	EMERGENCY ONLY: (262) 4	32-7910 OR (877) 500-9592 OWER AND LIGHT COMP/
	TIMBER LANE		CROSS PLAINS
Allian	4	GRADING PL	
nordy		SE 1/4 OF SE 1/4 OF SECTION OF CROSS PLAINS, DANE	
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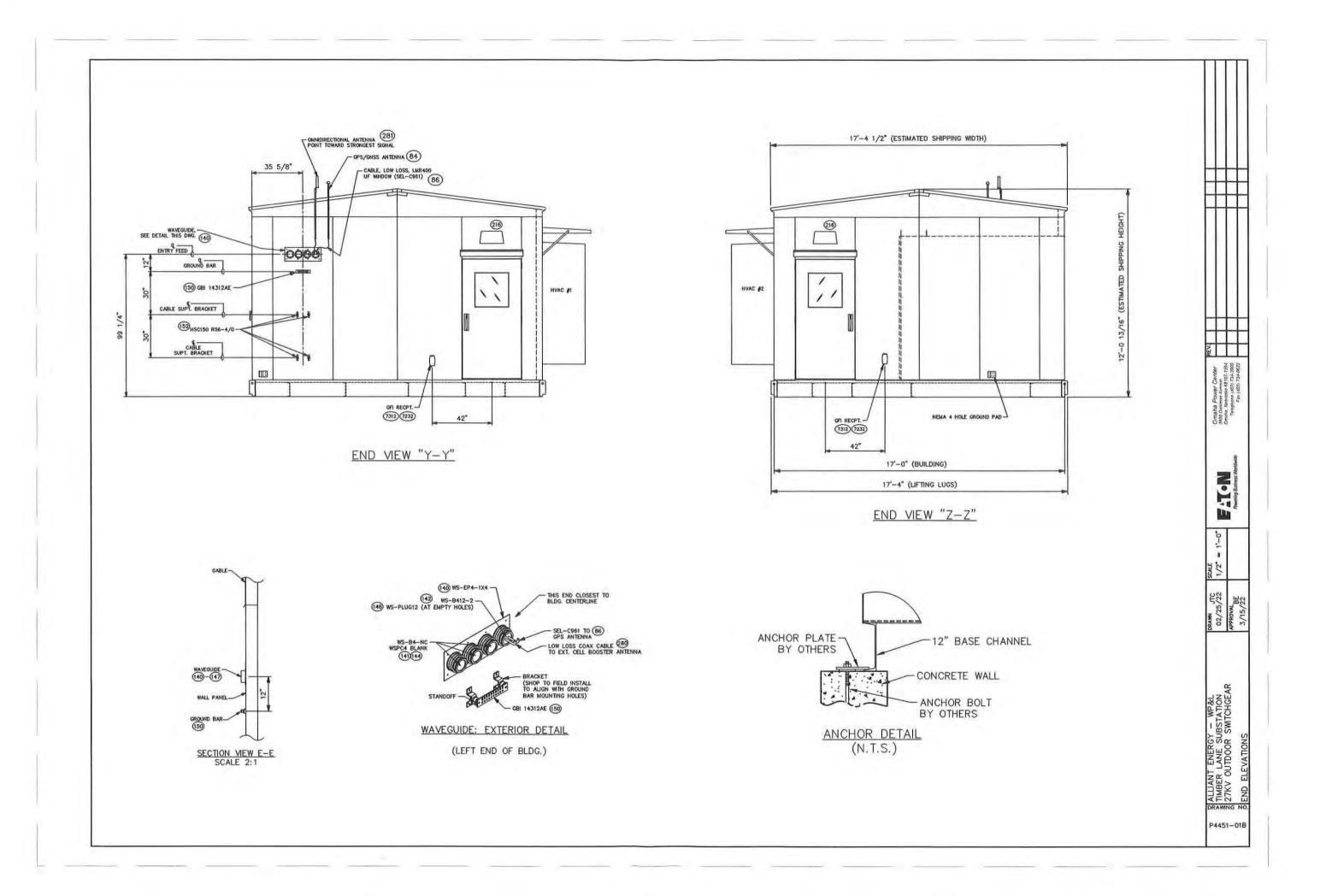


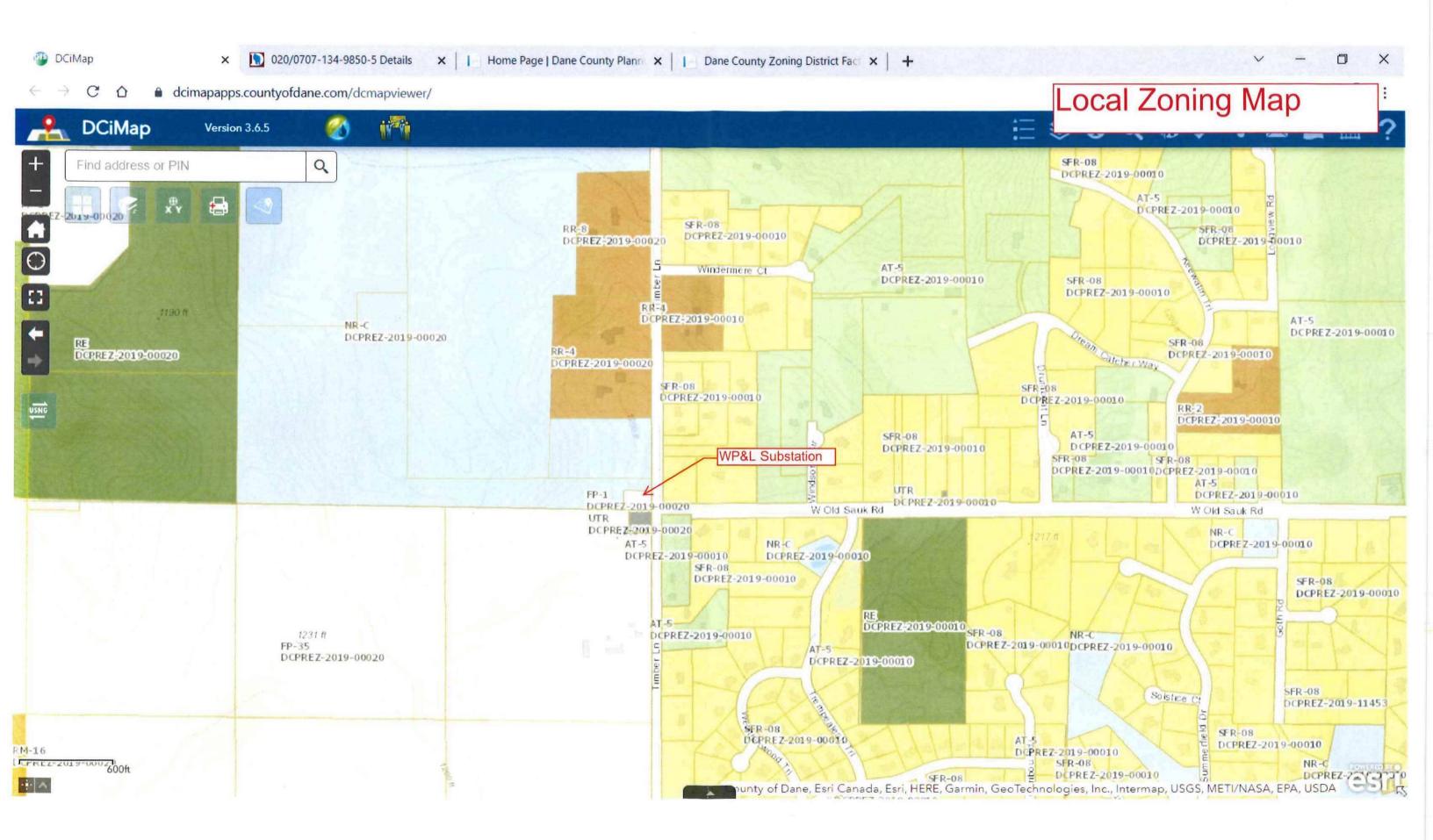
	EQUIPMENT SCHEDULE	
ITEN	DESCRIPTION	DRAWING
1	DEAD END STRUCTURE	08-01
2	HIGH SIDE CIRCUIT BREAKER	08-02
3	POWER TRANSFORMER	08-03
4	BUS TERMINATION STRUCTURE (2000A)	08-04
5	POWER CABLE ASSEMBLY	08-05
6	METALCLAD SWITCHGEAR	05-01
7	STAIRS	08-06
8	PADMOUNT TRANSFORMER	08-07
.9	SAFETY SWITCH	08-07
10	STATIC POLE	08-08
11	MAINTENANCE FLOODLIGHT	08-09
12	TELEPHONE AND SUMP PUMP ASSEMBLY	08-13
13	DUCT BANK	03-??
14	OIL CONTAINMENT SYSTEM	03-77

			(A)
		WISCONSIN	POWER AND LIGHT COMPANY
	TIMBER LANE SUBSTA		CROSS PLAINS, WI
Alliant Energy	SL	JBSTATION PL	AN VIEW
	SCALE:1/8" = 1'-0"	W 5 N	16097-06-01



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A	TIMBER LANE SUBSTAT	TATION ELEVATION	VIEW	
Alliant Energy	TIMBER LANE SUBSTAT		VIEW 16097-06-02	







CERTIFIED SURVEY MAP OF

Part of the Southeast Quarter of the Southeast Quarter of Section 13, Township 7 North, Range 7 East of the 4th P.M., Cross Plains Township, Dane County, Wisconsin.

SURVEYORS CERTIFICATE OF COMPLIANCE WITH STATUTE

M. . No. 1402

74

STATE of WISCONSIN SS. I, Percival Sprague, a Registered Land Surveyor, do hereby certify that I have surveyed and mapped part of the SE 1/4 of the SE 1/4 of Section 13, T 7 N -

R 7 E of the 4th P.M., Cross Plains Township, Dane County, Wisconsin, described by: Beginning at a cast aluminum monument marking the Southeast corner of Section 13; thence N 0° 43' 12" W true bearing, along the East line of Section 13, 125.00 feet; thence N 89° 40' 06" W, true bearing, parallel to the South line of Section 13, 207.30 feet to a cast aluminum monument; thence S 0° 43' 12" E, true bearing, parallel to the East line of Section 13, 125.00 feet to a cast aluminum monument on the South line of Section 13; thence S 89° 39' 18" E, true bearing, along the South line of Section 13, 207.28 feet to the point of beginning and containing 0.595 acres. Reserving therefrom the East 33 feet for highway purposes. That I have made such survey and map by the direction of Wisconsin Power and Light Company, owner of said land and that I have fully complied with the provisions of Chapter 236.34 of the Wisconsin Statutes in surveying and mapping the same.

Given under my hand and seal this 7th day of December, 1973 at Madison, Wisconsin. Percival Aprague

