

LIME KILN SOLAR

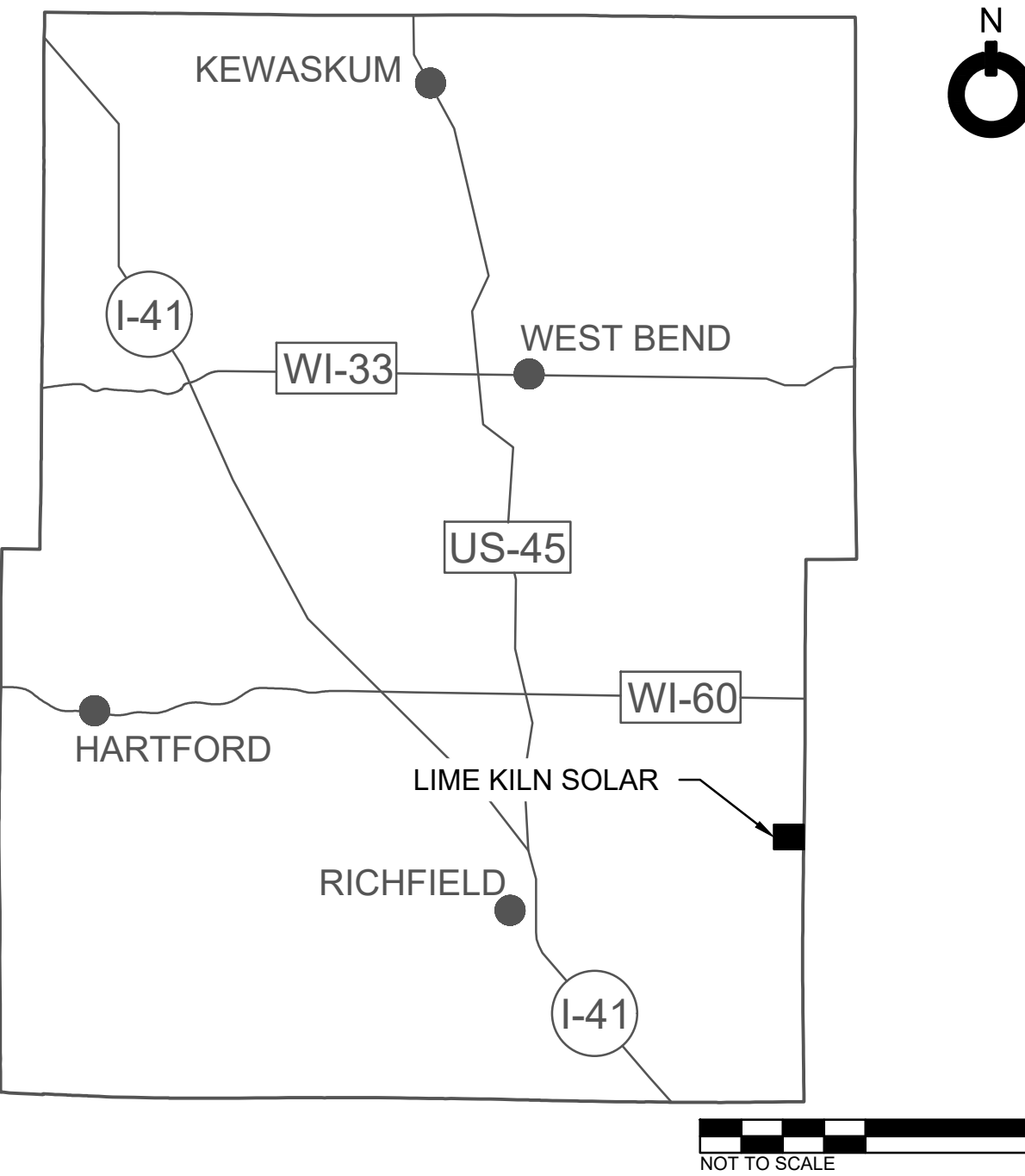
WASHINGTON COUNTY, WISCONSIN

SOLAR PV PROJECT
6.000 MWAC

LEGEND

- PARCEL BOUNDARY
- ZONING SETBACK
- EASEMENT
- RIGHT-OF-WAY
- NEIGHBORING PARCEL
- TREE LINE (E)
- FENCE (E)
- PERIMETER FENCE (P)
- GRAVEL ACCESS ROAD
- LAYDOWN AREA
- UGMV UG MV (P)
- UGMV UG MV (P, UTIL)
- OHU OH ELECTRICAL (E)
- UGT UG TELEPHONE (E)

WASHINGTON COUNTY MAP



PROJECT DETAILS

THIS PROJECT CONSISTS OF THE DESIGN AND INSTALLATION OF 6.000 MWAC SOLAR PHOTOVOLTAIC SYSTEM. MODULES ARE TO BE MOUNTED IN A SINGLE AXIS TRACKERS, WHICH FOLLOW THE SUN FROM EAST TO WEST THROUGHOUT THE DAY.

SITE DETAILS:

PARCEL ID GTNV_011991, GTNV_011992
OWNER: ROBERT AND TERRI OVERMIER
ACREAGE: 57.00
EXISTING ZONE: A-1 AGRICULTURAL

DESIGN SUMMARY:

MODULE POWER: 585 W
MODULE COUNT: 13200
ARRAY DC VOLTAGE: 1500 VDC
INVERTER SIZE: 250 KVA
INVERTER COUNT: 24
DC SIZE: 7.722 MWDC
AC SIZE: 6.000 MWAC
DC/AC RATIO: 1.287
GROUND COVERAGE RATIO: 38.0%
ASCE 7-16 GSL: 30 PSF
ASCE 7-16 WIND SPEED: 100 MPH

LAND USE SUMMARY:

TOTAL PARCEL AREA (ACRES): 57.00
TOTAL LEASED AREA (ACRES): TBD
TOTAL FENCED AREA (ACRES): 28.13
GRAVEL ACCESS ROAD (ACRES): 0.34
LAYDOWN AREA (ACRES): 0.78

ADDITIONAL NOTES:

- BASEMAP DEVELOPED FROM ALTA DATA
- PARCEL DATA TAKEN FROM ALTA DATA
- WETLAND BOUNDARIES SOURCED FROM FIELD DELINEATION
- FEMA FLOOD HAZARD ZONE FROM GIS DATA



10 N Livingston St, Suite 201
Madison, WI 53703
oneenergyrenewables.com
206 922 7072

WRITTEN DIMENSIONS ON THIS PLAN SHALL SUPERCEDE SCALED DIMENSIONS. CONTRACTORS ARE RESPONSIBLE FOR FIELD VERIFYING ALL DIMENSIONS. THIS DRAWING, DESIGN, CONCEPT AND ARRANGEMENT REMAIN THE PROPERTY OF ONEENERGY RENEWABLES AND SHALL NOT BE COPIED, DISCLOSED OR REPRODUCED WITHOUT CONSENT.

REVISION LOG					
REV	DESCRIPTION	DATE	BY	CK'D	SME
00	5% SUBMITTAL	02.20.2025	AC	AJK	
01	5% SUBMITTAL	07.14.2025	AF	AJK	
02	5% SUBMITTAL	08.06.2025	JAL	AJK	

PRELIMINARY

NOT FOR CONSTRUCTION

LIME KILN SOLAR
ONEENERGY RENEWABLES

43.277345°, -88.068404°
WASHINGTON COUNTY, WISCONSIN

SHEET TITLE:
DEVELOPMENT LAYOUT

SHEET NO:
D-100