

PINE HILL SOLAR

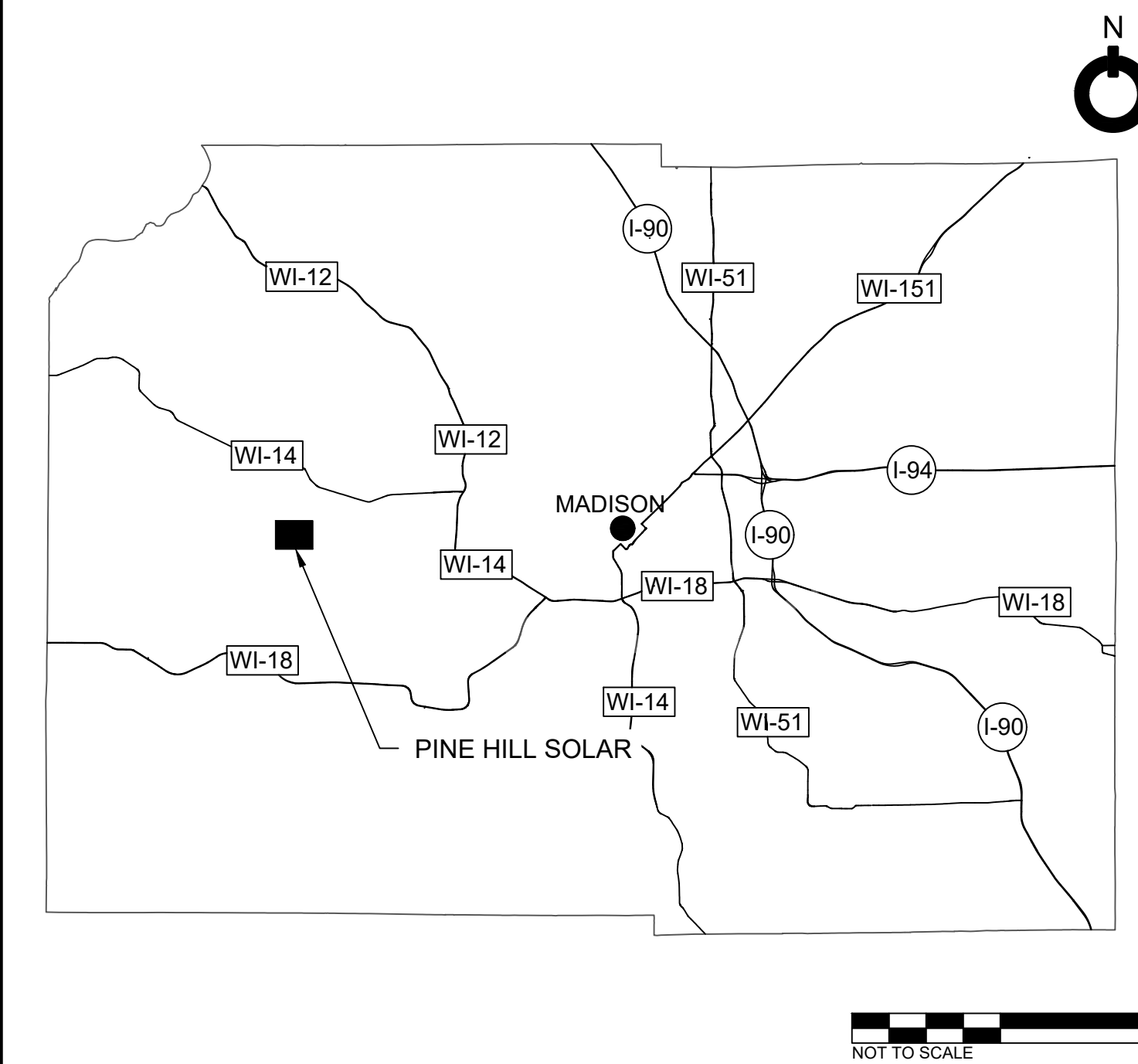
DANE COUNTY, WISCONSIN

SOLAR PV PROJECT
6.000 MWAC

LEGEND

- PARCEL BOUNDARY
- INTERIOR PARCEL BOUNDARY
- ZONING SETBACK
- RIGHT-OF-WAY
- NEIGHBORING PARCEL
- TREE LINE (E)
- RIVERINE
- 75' RIVERINE SETBACK
- 300' SHORELAND ZONING BOUNDARY
- PERIMETER FENCE (P)
- GRAVEL ACCESS ROAD
- LAYDOWN AREA
- UGMV UG MV (P)
- UGMV UG MV (P, UTIL)
- OHU OH ELECTRICAL (E)
- UGG UG GAS (E)
- UTILITY POLE (E)

DANE 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: 070722281703, 070722185406, 070722295001, 070722281507
OWNER: ROBERT M BRUNNER REV TR
ACREAGE: 38.80, 38.80, 5.7, 2.0
EXISTING ZONE: FP-35

DESIGN SUMMARY:

MODULE POWER: 585 W
MODULE COUNT: 12480
ARRAY DC VOLTAGE: 1500 V
INVERTER SIZE: 250 kW / KVA
INVERTER COUNT: 24
DC SIZE: 7.301 MWdc
AC SIZE: 6.000 MWac
DC/AC RATIO: 1.217
GROUND COVERAGE RATIO: 30.0 %
ASCE 7-16 GSL: 30 PSF
ASCE 7-16 WIND SPEED: 100 MPH

LAND USE SUMMARY:

TOTAL PARCEL AREA (ACRES): 85.30
TOTAL LEASED AREA (ACRES): -
TOTAL FENCED AREA (ACRES): 34.33
GRAVEL ACCESS ROAD (ACRES): 0.48
STAGING AREA (ACRES): 0.63

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



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REVISION LOG					
REV	DESCRIPTION	DATE	BY	CK'D	SME
00	5% SUBMITTAL	03/17/2025	AC	AK	
01	5% SUBMITTAL	06/09/2025	AC	AK	
02	5% SUBMITTAL	06/18/2025	AC	AK	

PRELIMINARY
NOT FOR CONSTRUCTION

PINE HILL SOLAR
ONEENERGY RENEWABLES

43 06999° -89 64520°
DANE COUNTY, WISCONSIN

SHEET TITLE:
DEVELOPMENT LAYOUT

SHEET NO:
D-100

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