

TICHIGAN SOLAR

RACINE COUNTY, WISCONSIN

SOLAR PV PROJECT
6.000 MWAC

LEGEND

—

PARCEL BOUNDARY

- - -

ZONING SETBACK

- - -

EASEMENT

- - -

RIGHT-OF-WAY (ROW)

—

NEIGHBORING PARCEL

~~~~~

TREE LINE (E)

▨

FEMA FLOODPLAIN

—○—

PERIMETER FENCE (P)

▨

GRAVEL ACCESS ROAD

▭

LAYDOWN YARD

—

UGMV

—

UG MV (P)

—

UGMV

—

UG MV (P, UTIL.)

—

OHU

—

OH ELECTRICAL (E)

—

UGU

—

UG ELECTRICAL (E)

—

UGT

—

UG TELEPHONE (E)

—

FO

—

UG FIBER OPTIC (E)

—

UGW

—

SEWER LINE (E)

>>

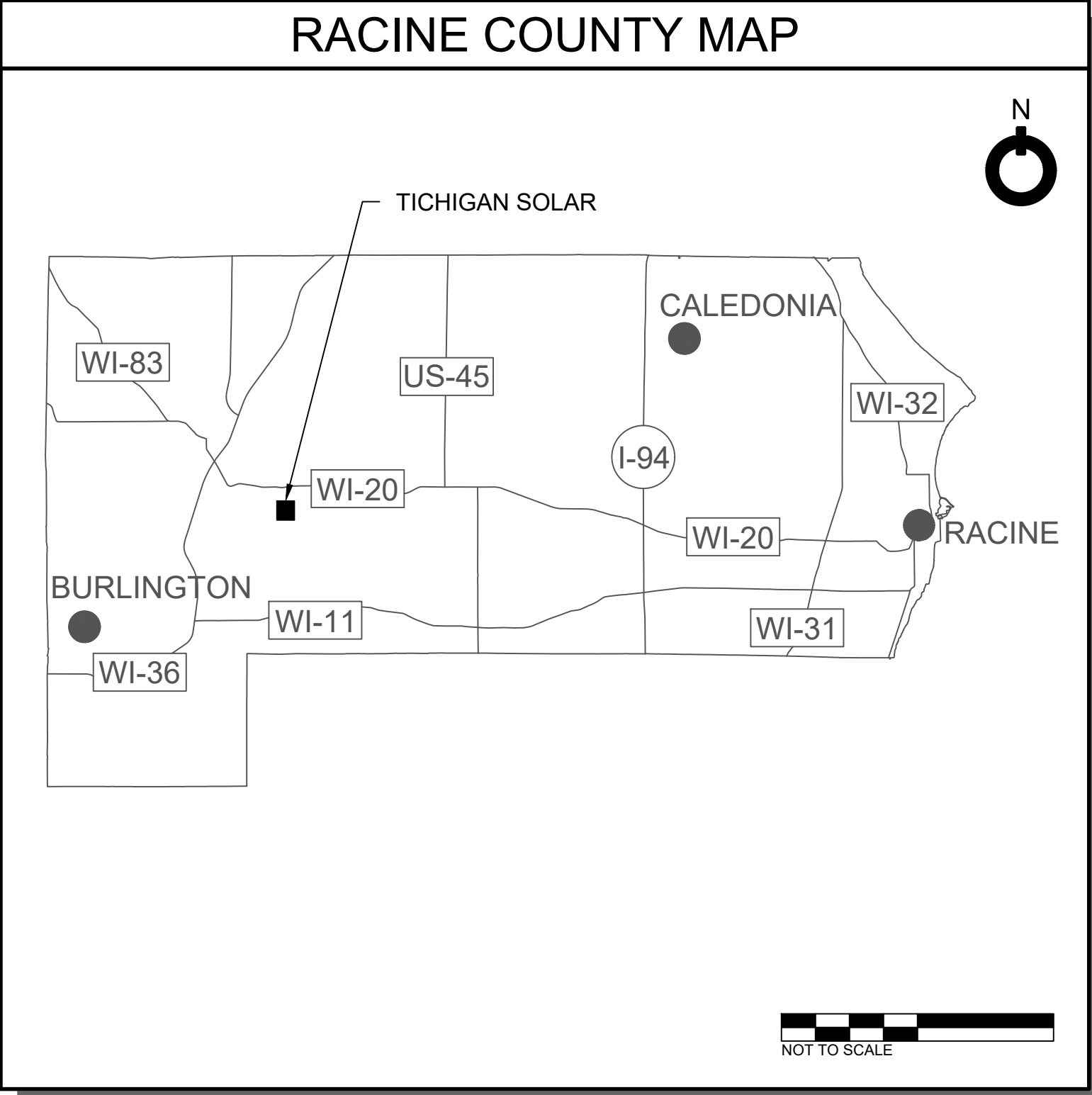
STORM PIPE (E)

—○—

FENCE (E)

●

UTILITY POLE (E)



PROJECT DETAILS

THIS PROJECT CONSISTS OF THE DESIGN AND INSTALLATION OF 6.000 MVA 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      | 006032008010000     |
| OWNER:         | J&S REAL ESTATE CO. |
| ACREAGE:       | 106.03              |
| EXISTING ZONE: | A-2                 |

**LAND USE SUMMARY:**

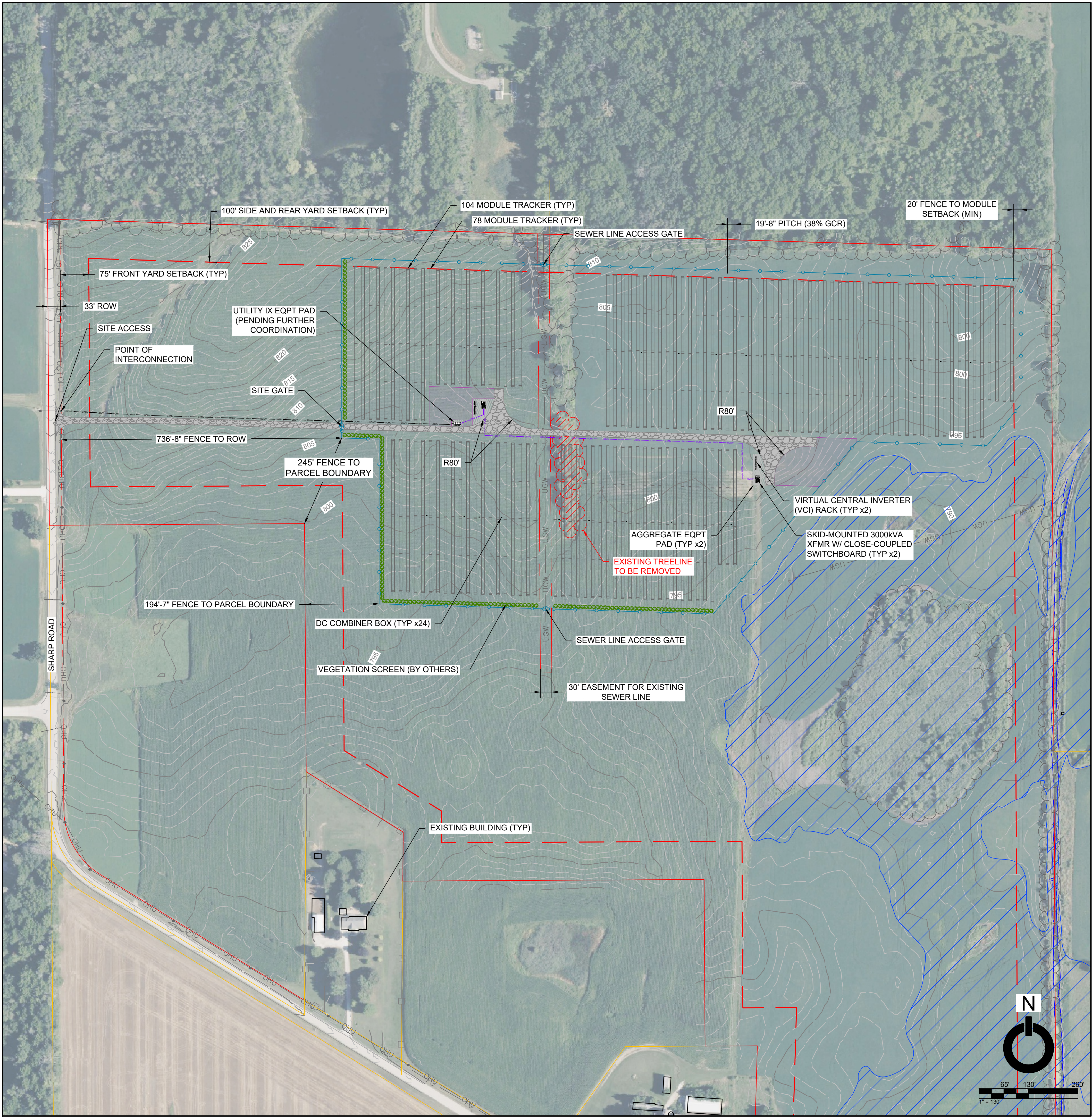
|                             |        |
|-----------------------------|--------|
| TOTAL PARCEL AREA (ACRES):  | 106.03 |
| TOTAL LEASED AREA (ACRES):  | TBD    |
| TOTAL FENCED AREA (ACRES):  | 29.37  |
| GRAVEL ACCESS ROAD (ACRES): | 1.03   |
| STAGING AREA (ACRES):       | 0.70   |

**DESIGN SUMMARY:**

|                        |                  |
|------------------------|------------------|
| MODULE POWER:          | 585 W            |
| MODULE COUNT:          | 12,272           |
| ARRAY DC VOLTAGE:      | 1500 V           |
| INVERTER SIZE:         | 250 kW / 250 KVA |
| INVERTER COUNT:        | 24               |
| DC SIZE:               | 7,179 MWDC       |
| AC SIZE:               | 6.000 MVA        |
| DC/AC RATIO:           | 1.197            |
| GROUND COVERAGE RATIO: | 38.0%            |
| ASCE 7-16 GSL:         | 30 PSF           |
| ASCE 7-16 WIND SPEED:  | 100 MPH          |

**ADDITIONAL NOTES:**

- BASEMAP DEVELOPED FROM ALTA SURVEY
- PARCEL DATA TAKEN FROM ALTA SURVEY
- FEMA FLOOD HAZARD ZONE FROM GIS DATA



OneEnergy

RENEWABLES

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PRELIMINARY

NOT FOR CONSTRUCTION

TICHIGAN SOLAR

ONEENERGY RENEWABLES

42.732286° -88.164107°  
RACINE COUNTY, WISCONSIN

SHEET TITLE:

DEVELOPMENT PLAN

SHEET NO:

D-100

REVISION LOG

| REV | DESCRIPTION                                  | DATE       | BY  | CK'D | SME |
|-----|----------------------------------------------|------------|-----|------|-----|
| 00  | DEVELOPMENT PLAN                             | 2024.10.28 | AMB | AK   |     |
| 01  | DEVELOPMENT PLAN, LAYOUT UPDATE              | 2024.11.26 | AMB | AK   |     |
| 02  | DEVELOPMENT PLAN, MODULE UPDATE              | 2025.05.20 | AMB | AK   |     |
| 03  | DEVELOPMENT PLAN, MODULE AND SETBACKS UPDATE | 2025.06.11 | AMB | AK   |     |

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