

SOLAR PV PROJECT
7.210 MWDC / 6.000 MWAC

	PARCEL BOUNDARY
	ZONING SETBACK
	EASEMENT
	NEIGHBORING PARCEL
	TREE LINE (E)
	STREAM
	WETLAND
	PERIMETER FENCE (P)
	TEMPORARY FENCE (P)
	GRAVEL ACCESS ROAD
	LAYDOWN AREA
	UGMV UG MV (P)
	UGMV UG MV (P, UTIL)
	OH ELECTRICAL (E)
	UTILITY POLE (E)

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.

<u>SITE DETAIL:</u>		<u>DESIGN SUMMARY:</u>	
PARCEL ID	080915387001; 080915380024; 080915395018; 080915390013; 080922280600	MODULE POWER:	585 W
OWNER:	KENNEDY FAMILY LIMITED PARTNERSHIP	MODULE COUNT:	12324
ACREAGE:	112.50	ARRAY DC VOLTAGE:	1500 V
EXISTING ZONE:	A-1	INVERTER SIZE:	250 kW / 250 KVA
		INVERTER COUNT:	24
		DC SIZE:	7.210 MWdc
		AC SIZE:	6.000 MWac
		DC/AC RATIO:	1.202
		GROUND COVERAGE RATIO:	38.0 %
		ASCE 7-16 GSL:	30 PSF
		ASCE 7-16 WIND SPEED:	100 MPH
<u>LAND USE SUMMARY:</u>			
TOTAL PARCEL AREA (ACRES):	112.50		
TOTAL LEASED AREA (ACRES):	-		
TOTAL FENCED AREA (ACRES):	26.83		
GRAVEL ACCESS ROAD (ACRES):	1.22		
LAYDOWN AREA (ACRES):	0.69		
<u>ADDITIONAL NOTES:</u>			
• BASEMAP DEVELOPED FROM ALTA DATA • PARCEL DATA TAKEN FROM ALTA DATA • WETLAND BOUNDARIES SOURCED FROM GIS • FEMA FLOOD HAZARD ZONE FROM GIS DATA			



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[illegible]

NOT FOR CONSTRUCTION

43.163453°, -89.414977°
DANE COUNTY, WISCONSIN

SHEET TITLE: **DEVELOPMENT LAYOUT**

SHEET NO:

D-100