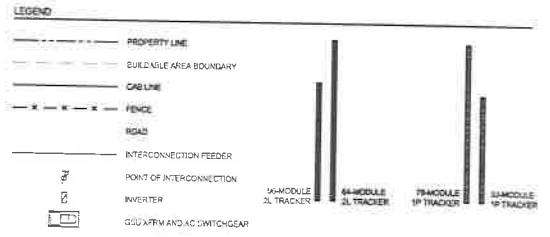


GENERAL PROJECT INFORMATION	
CLIMATE DATA	
SERIAL LOCATION	MORMAN CO
WINDSPEED (MPH)	45.0
EXTREME DESIGN TEMPERATURE	-18.0
ARRAY QUANTITIES	
OVERALL DC OUTPUT POWER	2,736 kW DC
INTERCONNECTION AC OUTPUT POWER	2,180 kW AC
OVERALL PROJECT DC/AC RATIO	1.26
INVERTER LOADING RATIO	1.26
ARRAY GCR	33.0%
STRING SIZE	20
TOTAL MODULE QTY	1,720
ROAD LENGTH	2977 FT

MAJOR EQUIPMENT	
INVERTER	
MANUFACTURER	SPS
MODEL	SOHY15KTL-DG03U-000
MAX POWER OUTPUT @ 35°C	170 kW
MAXIMUM DC VOLTAGE	1500 V
MPPT DC VOLTAGE RANGE	80V - 1450 V
AC VOLTAGE NOMINAL	600V
NO. OF INVERTERS	10
INVERTER CAPACITY TOTAL	2,100 kW
SWITCHGEAR (S/G)	
MANUFACTURER	TRC
AC CAPACITY	2,000 kW
VOLTAGE	600V/1.47kV

MODULE #1	
MANUFACTURER	JR600
MODEL	JR600S6-72H-G
MODULE POWER	305 W
CELLS	144 60x60 CELLS
FRAME	ALUMINUM
STC Wp	410.0 W
STC Vmp	50.1 V
STC Imp	8.65 A
STC Isc	10.45 A
STRING SIZE	20
QUANTITY	805

MODULE #2	
MANUFACTURER	JR600
MODEL	JR600S6-72H-G
MODULE POWER	305 W
CELLS	144 60x60 CELLS
FRAME	ALUMINUM
STC Wp	37.6 W
STC Vmp	41.1 V
STC Imp	9.68 A
STC Isc	16.30 A
STRING SIZE	20
QUANTITY	907
TRACKING	
TRACKING TYPE	SINGLE AXIS TRACKER
MANUFACTURER/MODEL	GAME CHANGER
MODULE ORIENTATION	1E PORTRAIT
TRACKING AZIMUTH	180E
TILT ANGLE	0E
SCR	32 DEG
OVERHEAD MODULE PROJECTION	6.95 FT
PITCH (CENTER TO CENTER DISTANCE)	20.59 FT
INTER-ROW SPACING	14.00 FT



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PREPARED FOR:
NEXTERA ENERGY

Information herein is provided for preliminary planning purposes. Equipment type, quantities, and locations are subject to change.

PRELIMINARY
 NOT FOR CONSTRUCTION

REV	DATE	ISSUE DESCRIPTION
A	2/25/2020	ISSUED FOR REVIEW

APPROVED BY: [Signature]
 CHECKED BY: A. FUENTES
 DESIGNED BY: J. TAYLOR
 DRAWN BY: J. TAYLOR

SCALE: 1" = 50'

BAR MUST BE SCALED FOR FULL SIZE OR 1/2 FOR HALF SIZE DRAWING

PROJECT NUMBER: MFC001023

DRAWING NAME:
WFEC SOLAR PROJECT
 PRELIMINARY LAYOUT

DRAWING NO.	SHEET	REVISION
WFSP-E-101-01	A	

CAD FILE: WFSP-E-101-01

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