

JACK GRITTER
NEW GRID-INTERACTIVE PHOTOVOLTAIC SYSTEM
DC SYSTEM SIZE (20.64 KW)

BP22-00019123

11/23/22

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SYSTEM DETAILS

DESCRIPTION	NEW GRID-INTERACTIVE PHOTOVOLTAIC SYSTEM WITH NO BATTERY STORAGE
DC RATING OF SYSTEM	SYSTEM SIZE :20.64 KW DC STC
AC RATING OF SYSTEM	22.8 kw
AC OUTPUT CURRENT	95.00 A
NO. OF MODULES	(48) JKM430M-78H-V (430W) JINKO SOLAR MODULES
NO. OF INVERTERS	(02) SE11400H-US SOLAREDGE INVERTERS
POINT OF CONNECTION	LINE SIDE TAP IN THE MSP
ARRAY STRINGING	(4) BRANCHES OF 12 MODULES

SITE DETAILS

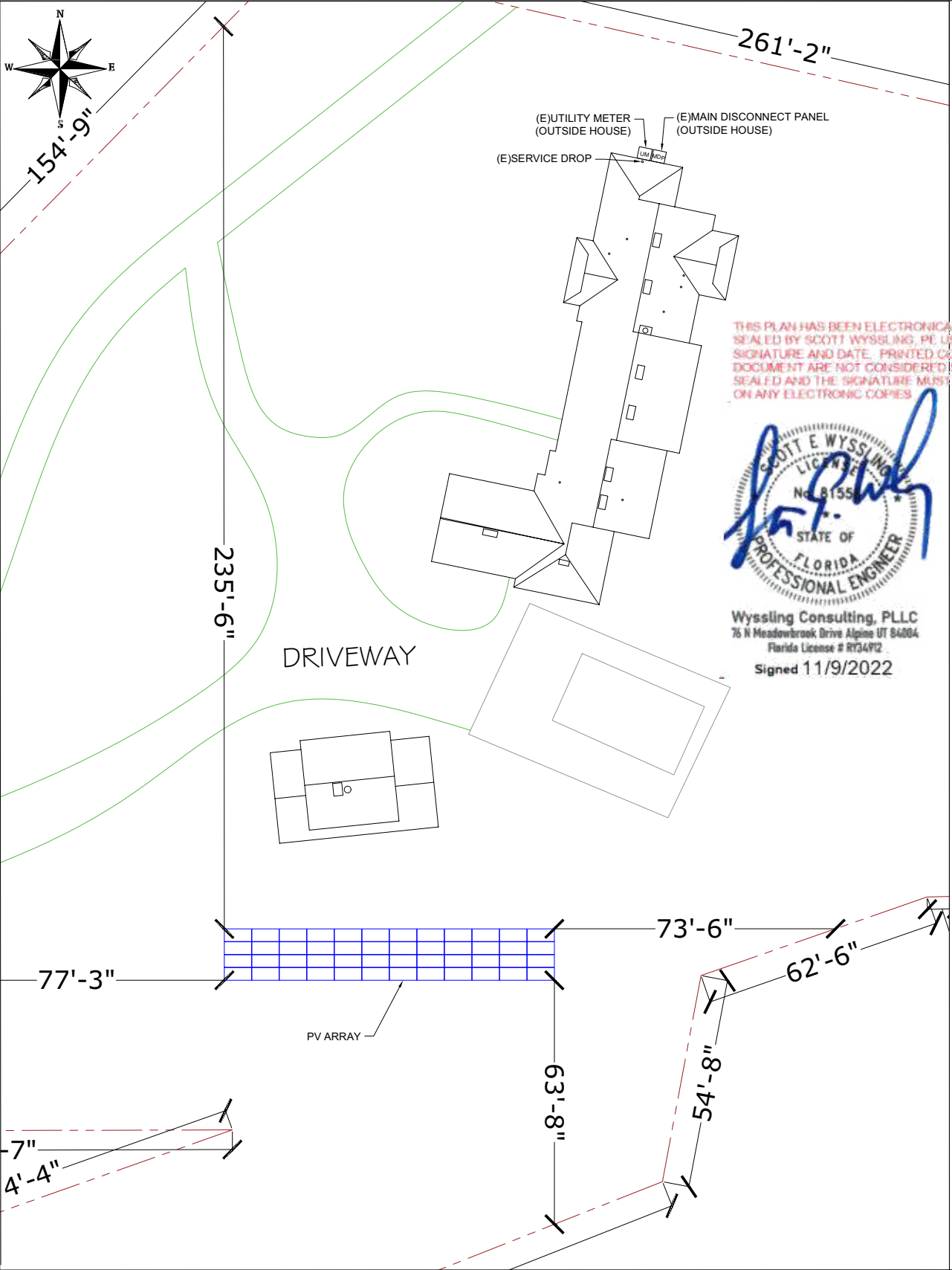
ASHRAE EXTREME LOW	1 °C
ASHRAE 2% HIGH	34 °C
GROUND SNOW LOAD	0 PSF
WIND SPEED	140MPH (ASCE 7-16)
RISK CATEGORY	II
WIND EXPOSURE CATEGORY	B

GOVERNING CODES

FLORIDA RESIDENTIAL CODE, 7TH EDITION 2020 (FRC)
FLORIDA BUILDING CODE, 7TH EDITION 2020 (FBC)
FLORIDA FIRE PREVENTION CODE, (FFPC)7TH EDITION, NFPA 1, 2018
NATIONAL ELECTRICAL CODE, NEC 2017 CODE BOOK, NFPA 70

SHEET INDEX

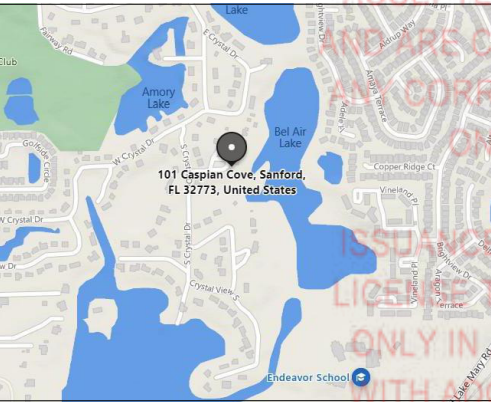
SHEET NO.	SHEET NAME
A - 00	SITE MAP & VICINITY MAP
S - 01	SYMBOLS & SYSTEM DESCRIPTION
S - 02	ROOF PLAN & MODULES
S - 03	ARRAY LAYOUT
S - 04	STRUCTURAL ATTACHMENT DETAIL
E - 01	ELECTRICAL LINE DIAGRAM
E - 02	WIRING CALCULATIONS
E - 03	SYSTEM LABELING
DS - 01	MODULE DATASHEET
DS - 02	INVERTER DATASHEET
DS - 03	OPTIMIZER DATASHEET
DS - 04	ATTACHMENT DATASHEET
DS - 05	GROUNDING AND BONDING DATASHEET



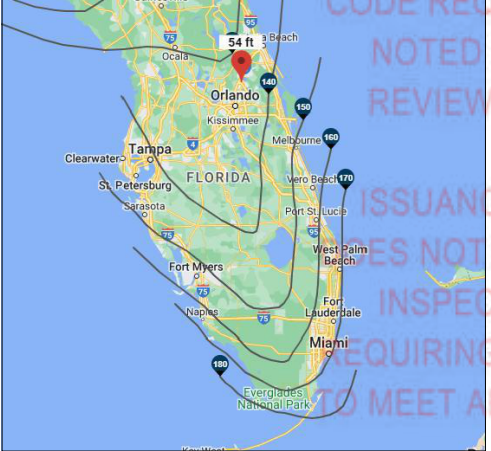
SITE MAP (N.T.S)



VICINITY MAP



WIND FLOW MAP



Signature with Seal
Digitally signed by Scott Wyssling, PE
DN: C=US, S=Utah, L=Alpine, O=Wyssling Consulting, OU=Engineering, CN="Scott Wyssling, PE", E=swyssling@wysslingconsulting.com
Reason: I am the author of this document.
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REVISIONS		DATE
REV	ENG.	DESCRIPTION

PERMIT DEVELOPER

DATE	11/04/2022
DESIGNER	OSS
REVIEWER	

SHEET NAME
SITE MAP & VICINITY MAP

SHEET NUMBER
A-00