

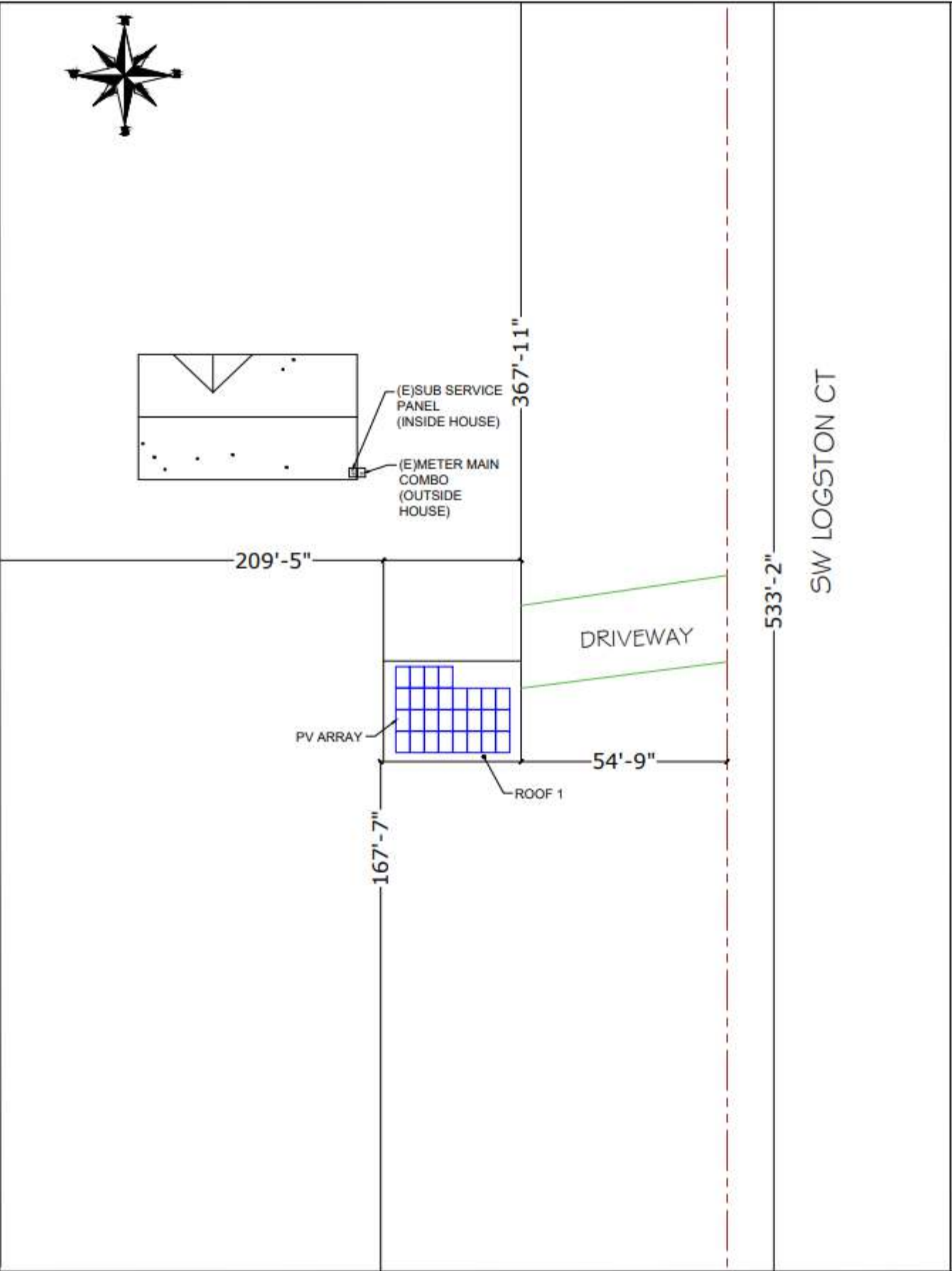
KARI TRAVIS
NEW GRID-INTERACTIVE PHOTOVOLTAIC SYSTEM
WITH BATTERY BACKUP SYSTEM
DC SYSTEM SIZE (11.2 KW)

SYSTEM DETAILS	
DESCRIPTION	NEW GRID-INTERACTIVE PHOTOVOLTAIC SYSTEM WITH BATTERY STORAGE
DC RATING OF SYSTEM	SYSTEM SIZE :11.2 KW DC STC
AC RATING OF SYSTEM	15 KW
AC OUTPUT CURRENT	62.5 A
NO. OF MODULES	(28) CS6R-400MS-HL (400W) CANADIAN SOLAR MODULES
NO. OF INVERTERS	(1) SOL-ARK-15K-2P INVERTER
NO.OF BATTERIES	(6) EG4-LL 48V BATTERIES
NO.OF OPTIMIZER	(28) TS4-A-O TIGO OPTIMIZER
ARRAY STRINGING	(01) BRANCH OF 10 MODULES (02) BRANCHES OF 09 MODULES

SITE DETAILS	
ASHRAE EXTREME LOW	-5°C
ASHRAE 2% HIGH	34°C
GROUND SNOW LOAD	0 PSF
WIND SPEED	120 MPH (ASCE 7-16)
RISK CATEGORY	II
WIND EXPOSURE CATEGORY	C

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	

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Signature with Seal
This item has been electronically signed and sealed by Vincent Mwumvaneza using a Digital Signature and Date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.
Digitally signed by Vincent Mwumvaneza
Date: 2023.11.17 15:59:42 -05'00'

KARI TRAVIS
194 SW LOGSTON CT,
FORT WHITE, FL, 32038

REVISIONS		DATE
REV	ENG	DESCRIPTION

PERMIT DEVELOPER	
DATE	11/17/2023
DESIGNER	OSK
REVIEWER	

SHEET NAME
SITE MAP &
VICINITY MAP

SHEET NUMBER
A-00