

NEW PHOTOVOLTAIC GROUND MOUNTED SYSTEM - 9.84 KW DC/8.376 KW AC

64 ISLAND FARMS RD, WEST TISBURY, MA 02575

CONTRACTOR



FARLEY BUILT, INC

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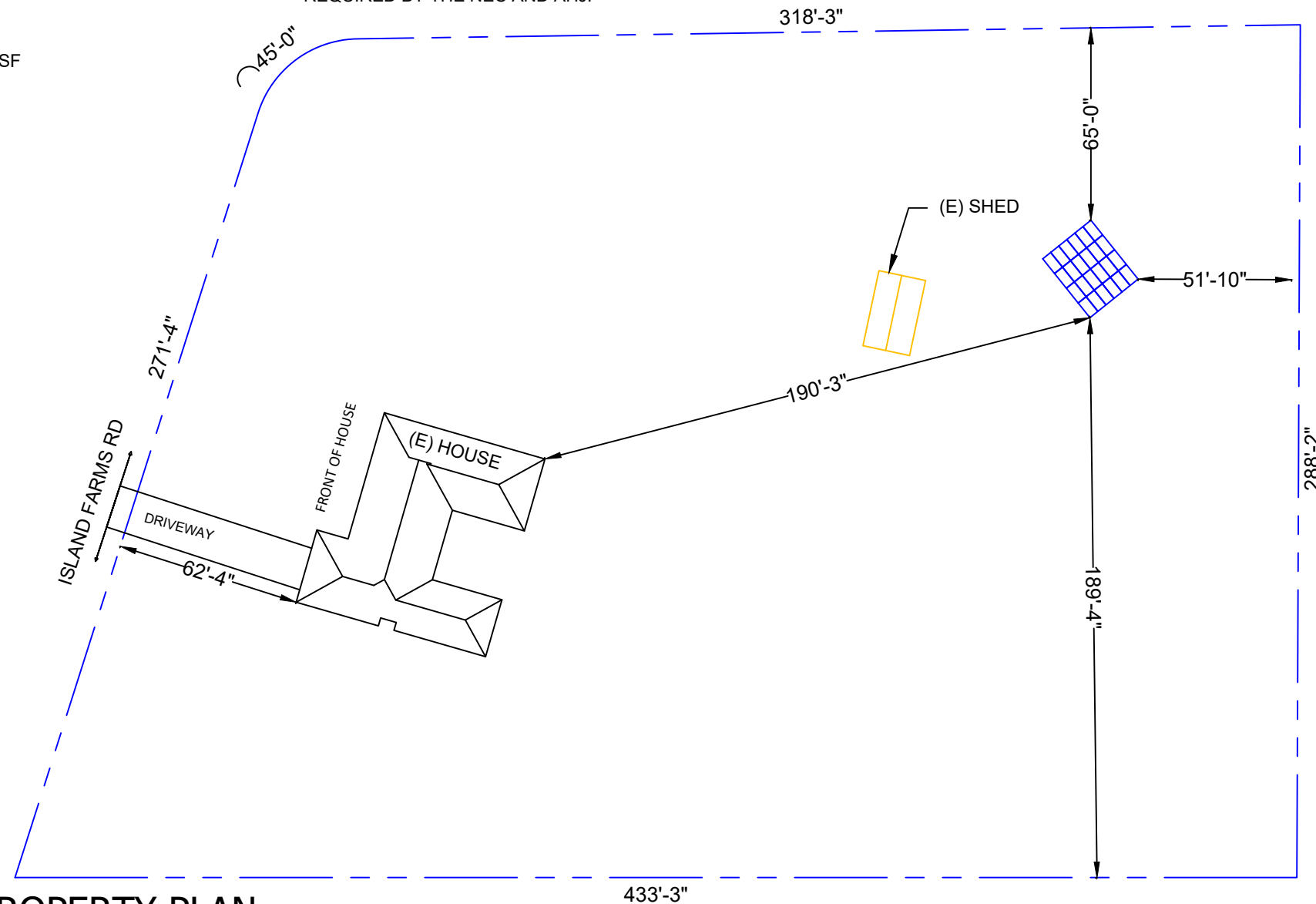
NEW PV SYSTEM SPECIFICATIONS
 SYSTEM SIZE: DC SIZE: 9.840 KW DC-(STC)
 AC SIZE: 8.376 KW AC
 MODULE: (24) HYUNDAI SOLAR HIS-S410YH(BK)
 INVERTER: (24) ENPHASE IQ8A-72-2-US [240V]

PROJECT NOTES
 1.1.1 THIS PHOTOVOLTAIC (PV) SYSTEM SHALL COMPLY WITH THE RELEVANT YEAR OF THE NATIONAL ELECTRIC CODE (NEC), ALL MANUFACTURER'S LISTING AND INSTALLATION INSTRUCTIONS, AND THE RELEVANT CODES AS SPECIFIED BY THE AUTHORITY HAVING JURISDICTION'S (AHJ) APPLICABLE CODES.
 1.1.2 THE UTILITY INTERCONNECTION APPLICATION MUST BE APPROVED AND THE PV SYSTEM MUST BE INSPECTED PRIOR TO OPERATION
 1.1.3 ALL PV SYSTEM COMPONENTS; MODULES, UTILITY-INTERACTIVE INVERTERS, AND SOURCE CIRCUIT COMBINER BOXES ARE IDENTIFIED AND LISTED FOR USE IN PHOTOVOLTAIC SYSTEMS AS REQUIRED BY NEC AND OTHER GOVERNING CODES
 1.1.4 ALL SIGNAGE TO BE PLACED IN ACCORDANCE WITH LOCAL BUILDING CODE. IF EXPOSED TO SUNLIGHT, IT SHALL BE UV RESISTANT. ALL PLAQUES AND SIGNAGE WILL BE INSTALLED AS REQUIRED BY THE NEC AND AHJ.

SCOPE OF WORK
 1.2.1 CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND SPECIFICATIONS OF THE GRID-TIED PHOTOVOLTAIC SYSTEM. THE CONTRACTOR WILL BE RESPONSIBLE FOR COLLECTION OF EXISTING ONSITE CONDITIONS TO DESIGN, SPECIFY, AND INSTALL THE GROUND-MOUNTED PHOTOVOLTAIC SYSTEM DETAILED IN THIS DOCUMENT

APPLICABLE CODES
 ALL WORK SHALL CONFORM TO THE FOLLOWING CODES:
 2015 INTERNATIONAL BUILDING CODE W/ 780 CMR
 2015 INTERNATIONAL RESIDENTIAL CODE W/ 780 CMR
 2015 INTERNATIONAL EXISTING BUILDING CODE W/ 780 CMR
 2018 INTERNATIONAL ENERGY CONSERVATION CODE
 2018 INTERNATIONAL FIRE CODE
 2020 NATIONAL ELECTRICAL CODE
 AS ADOPTED BY TOWN OF WEST TISBURY

DESIGN CRITERIA
 GROUND SNOW LOAD: 50 PSF
 WIND SPEED: 140 MPH
 WIND EXPOSURE: B
 RISK CATEGORY: II



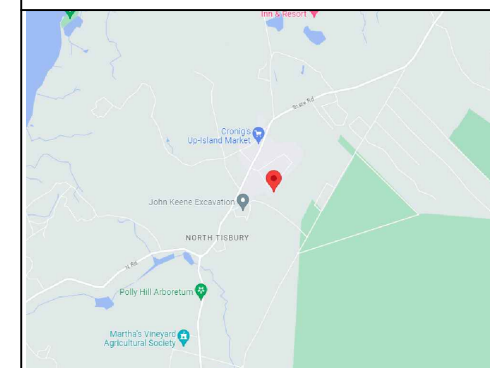
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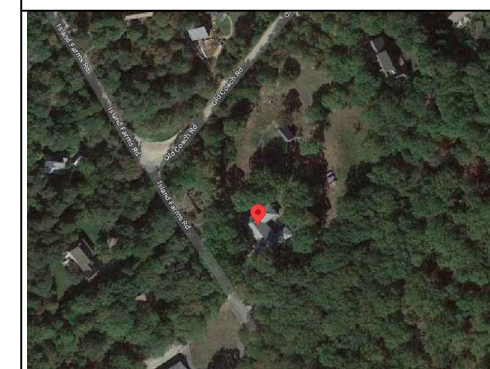
LEGEND

- - - - - - PROPERTY LINE
- o - o - o - - FENCE LINE

VICINITY MAP



SATELLITE MAP



PROJECT NAME & ADDRESS

RICH HUFFAM
 64 ISLAND FARMS RD,
 WEST TISBURY, MA 02575
 APN #: WTISM00016B00017L00000
 AHJ: TOWN OF WEST TISBURY
 UTILITY: EVERSOURCE

SYSTEM DETAILS

DC SIZE: 9.840 KW DC-(STC)
 AC SIZE: 8.376 KW AC
 (24) HYUNDAI SOLAR HIS-S410YH(BK)
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REVISIONS

REV	DESCRIPTION	DATE

SHEET TITLE

COVER PAGE

DRAWN DATE: 2/1/2024
 DRAWN BY: PCAD

SHEET NUMBER

PV-01



1 PROPERTY PLAN
 PV-01
 SCALE: 1"=50'-0"