

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

PO BOX 1491, WEST TISBURY, MA 02575

PHONE - (508) 560-3400
LIC. NO. - 96690

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]

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
2023 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

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

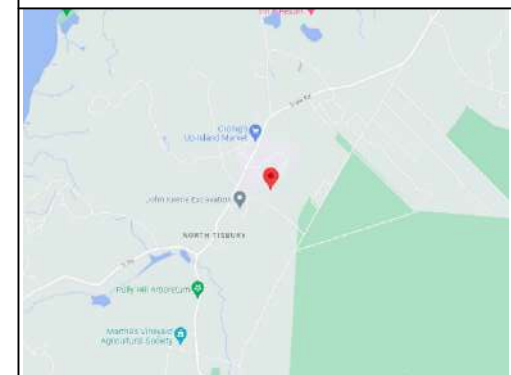
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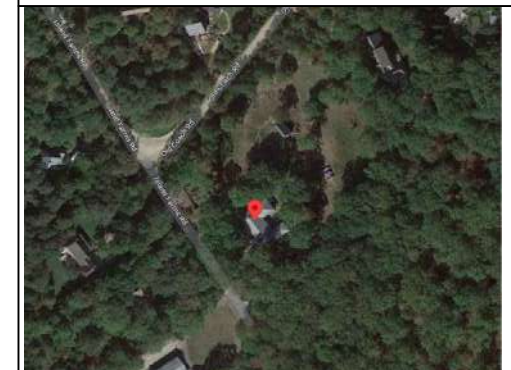
LEGEND

- - - - - - 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)
(24) ENPHASE IQ8A-72-2-US [240V]

REVISIONS

| REV | DESCRIPTION | DATE |
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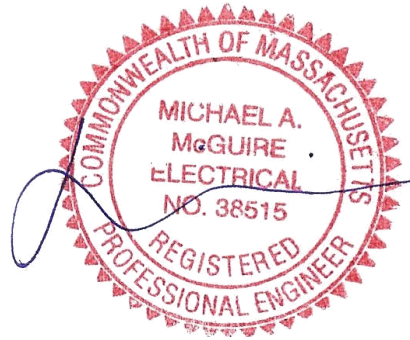
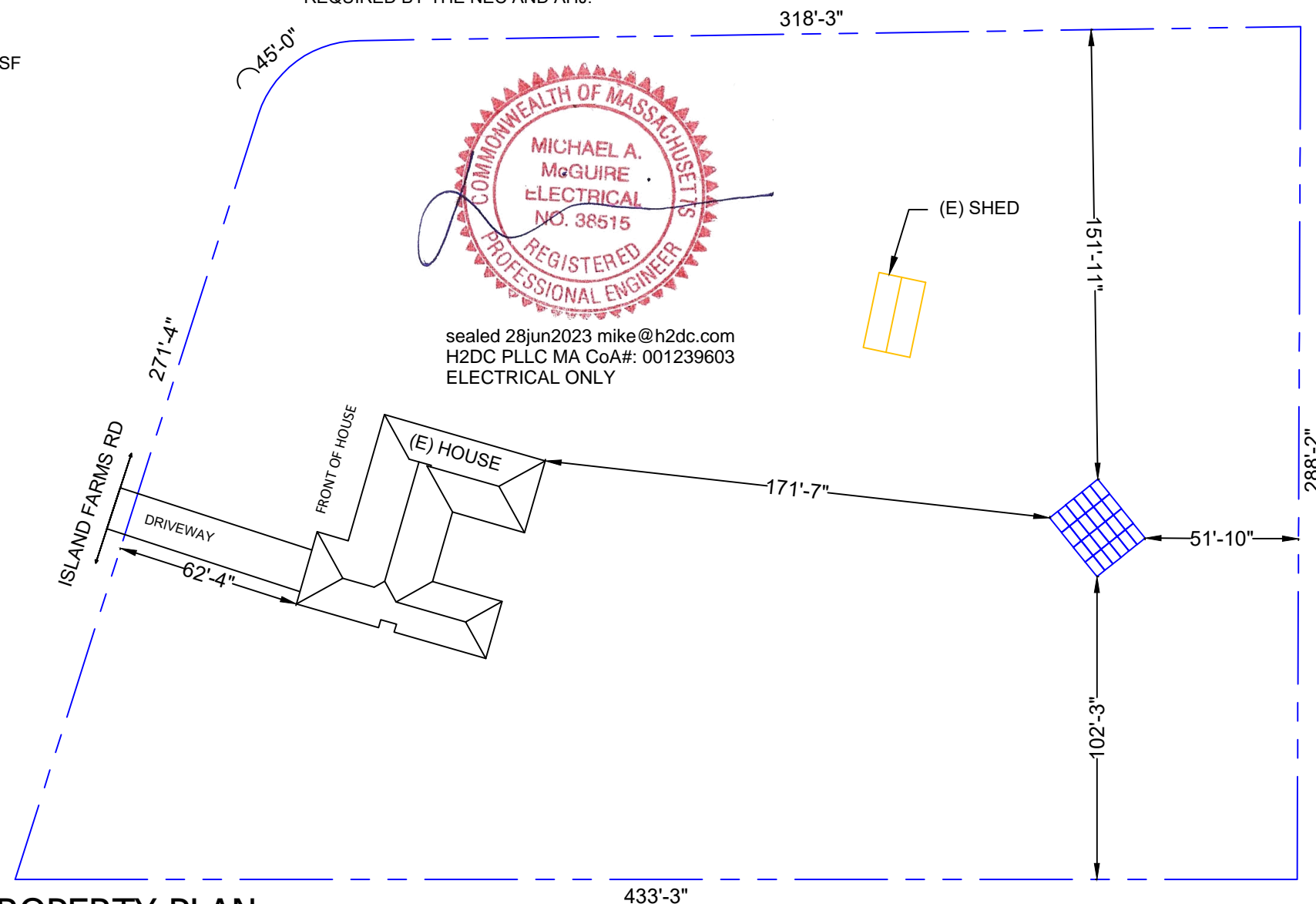
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| DRAWN DATE | 6/28/2023 |
| DRAWN BY | PCAD |

SHEET NUMBER

PV-01



sealed 28jun2023 mike@h2dc.com
H2DC PLLC MA CoA#: 001239603
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