

PROJECT SUMMARY:

THE PROJECT SCOPE INCLUDES THE DESIGN, SPECIFICATION, PROCUREMENT, INSTALLATION AND COMMISSIONING OF A COMPLETE, TURN-KEY, GRID-TIED PHOTOVOLTAIC ELECTRIC SYSTEM.

MODULE TYPE	(14) REC N-PEAK 325
INVERTER	(14) ENPHASE IQ7-60-2-US
OPTIMIZER	()
ARRAY PITCH	POLE 35°, SHED 90°
ARRAY AZIMUTH	POLE 180°, SHED 162°
RACKING	1 MT SOLAR TOP I2-60C TOP OF POLE MOUNT, IRON RIDGE XR100 ALUMINUM RAIL
ATTACHMENT	ECOSFASTEN GREENFASTEN GFI AND ALUMINUM L-FEET WITH SS LAG SCREWS

DESIGN CRITERIA:

OCCUPANCY	RESIDENTIAL
DESIGN WIND LOAD	100 MPH
RISK CATEGORY	I
GROUND SNOW LOAD	70 PSF
EXPOSURE CATEGORY	C
ROOF HEIGHT	20' ABOVE GRADE TO EAVES
ROOF COMPOSITION	ASPHALT SHINGLE
RAFTER	2"X8"
RAFTER SPACING	16" O.C.

EQUIPMENT LOCATIONS:

- HOUSE INTERIOR:
 - MAIN LOAD CENTER
 - PV AC DISCONNECT
- HOUSE EXTERIOR:
 - PV AC DISCONNECT (RSID)
- ARRAY POLE:
 - PV AC DISCONNECT
 - 12 SOLAR MICROINVERTERS
- SHED:
 - PV AC DISCONNECT
 - 2 SOLAR MICROINVERTERS
- PEDESTAL:
 - UTILITY METER MAIN PANEL



REVISION ENERGY

7 COMMERCIAL DRIVE
BRENTWOOD, NH 03833
(603)-679-1777

CLIENT:

BYARD MOSHER
507 MCDANIEL SHORE DRIVE
BARRINGTON NH, 03825

SYSTEM TYPE:

4.55KW GRID TIED SOLAR
PHOTOVOLTAIC SYSTEM

RECEIVED
DEC 28 2022
LAND USE OFFICE

DESIGNED BY: MCF
REVISION: 0
PRINT SIZE: 11" X 17"
DATE: 12/21/2022

DWG TITLE: SITE PLAN

DWG NUMBER: A001

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