

PROJECT SUMMARY:

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

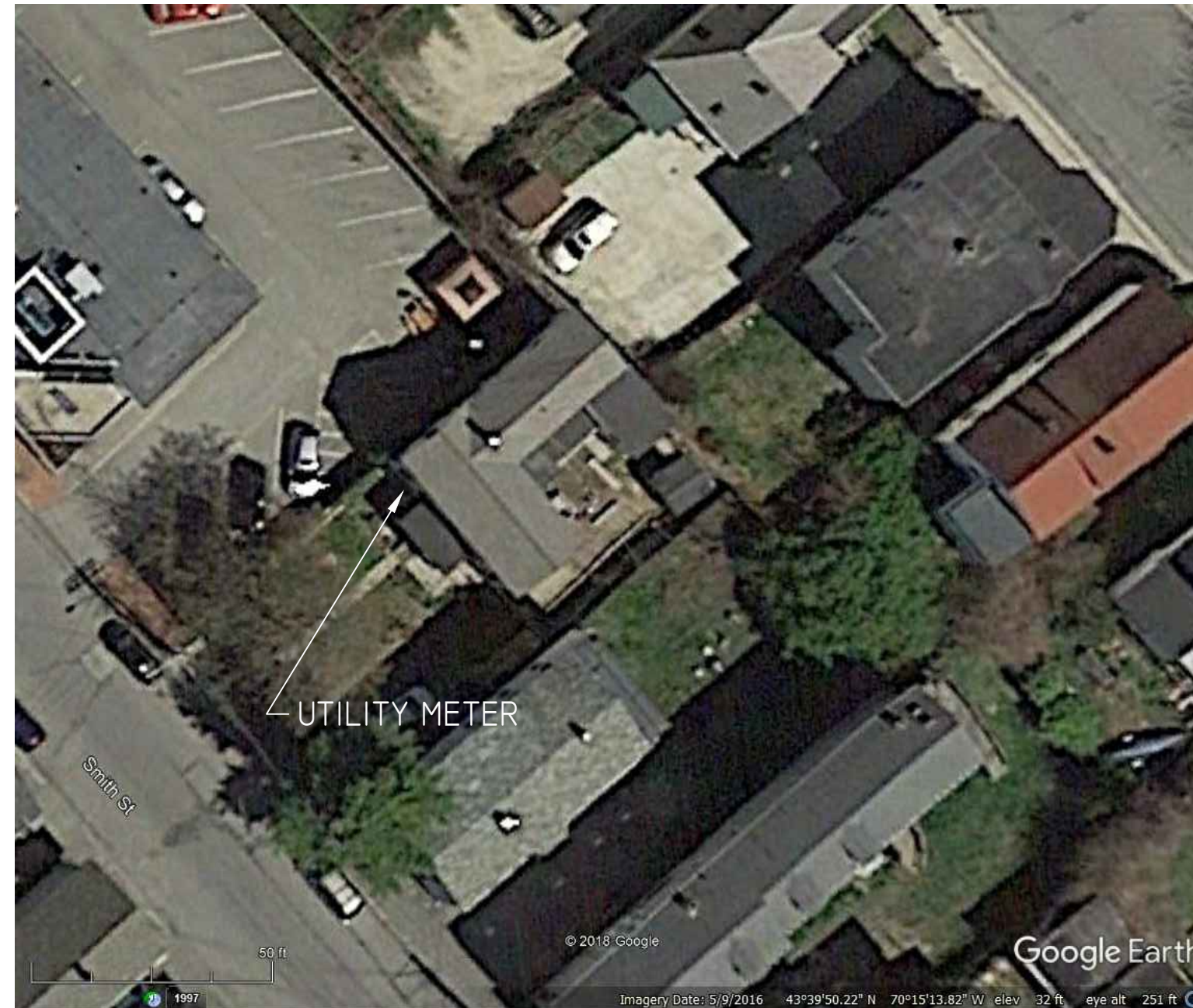
MODULE TYPE	(13) Q CELL Q.PEAK-G4.1 305
INVERTER	(1) SE3800H-US
OPTIMIZER	(13) SOLAREEDGE P320
ARRAY PITCH	34°
ARRAY AZIMUTH	140°
RACKING	IRONRIDGE XRI00 ALUMINUM RAIL
ROOF ATTACHMENT	ALUMINUM L-FEET WITH SS LAG SCREWS, 3 X5/16 WITH ECOFASTEN FLASHED ROOF ATTACHMENT KITS

DESIGN CRITERIA:

OCCUPANCY	RESIDENTIAL
DESIGN WIND LOAD	100 MPH
RISK CATEGORY	I
GROUND SNOW LOAD	60 PSF
EXPOSURE CATEGORY	C
ROOF HEIGHT	20' ABOVE GRADE TO EAVES
ROOF COMPOSITION	ASPHALT SHINGLES
RAFTER	3"X4" ROUGH CUT
RAFTER SPACING	16-18" O.C.

EQUIPMENT LOCATIONS:

- SUPPLY SIDE DISCONNECT LOCATED IN BASEMENT NEXT TO THE MAIN PANEL
- INVERTER LOCATED IN THE BASEMENT TO THE LEFT OF THE ELECTRICAL PANELS



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CLIENT:

CHRISTIAN MILNEIL
45 SMITH STREET
PORTLAND MAINE, 04101

SYSTEM TYPE:

3.965KWDC SOLAR
PHOTOVOLTAIC SYSTEM

DESIGNED BY: GJD

REVISION: 0

PRINT SIZE: 11" X 17"

DATE: 2/28/2018

DWG TITLE:

SITE PLAN

DWG NUMBER:

A001

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