PROJECT SUMMARY:

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

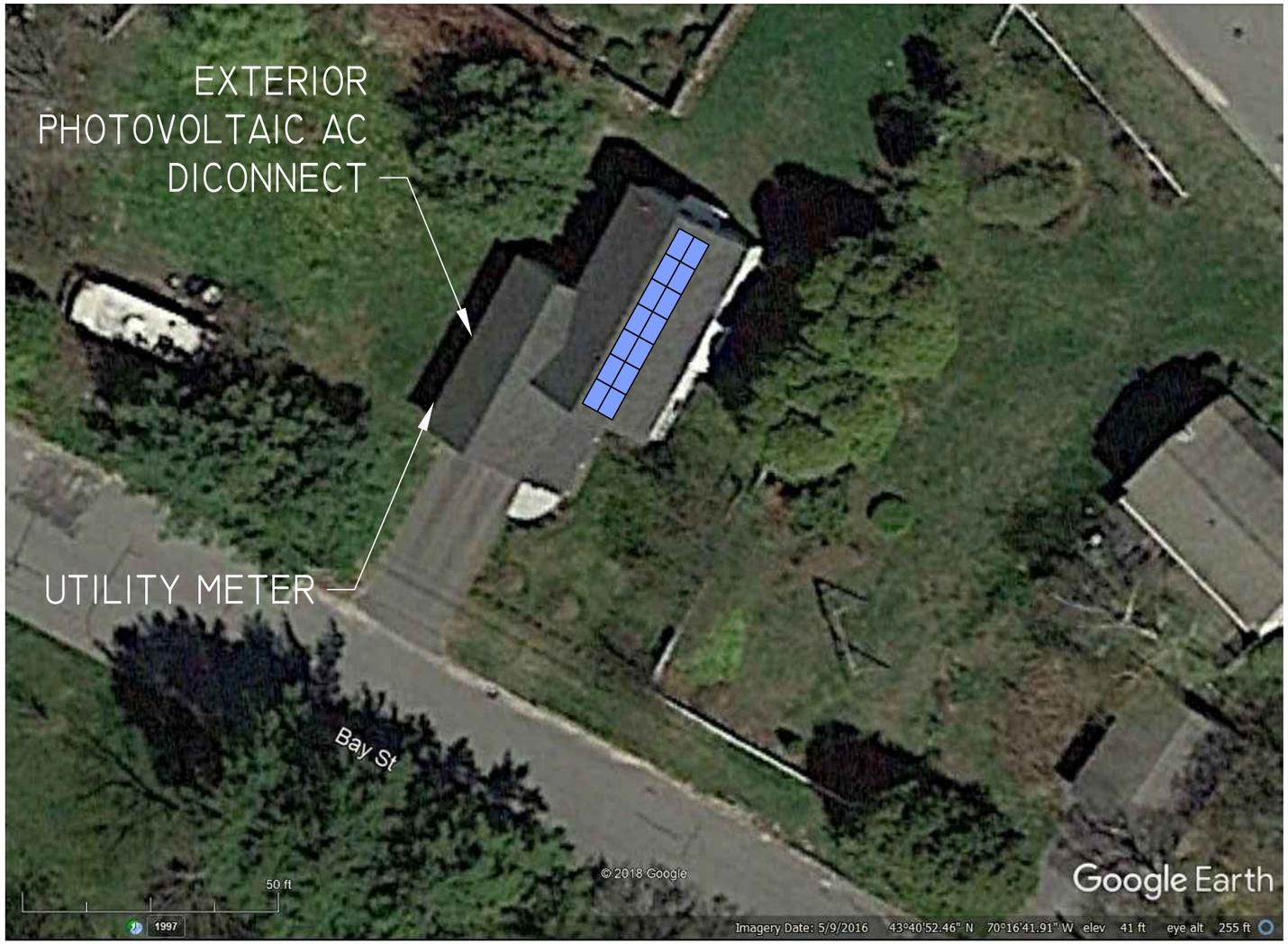
MODULE TYPE	(14) Q CELL Q.PEAK-G4.1 305
INVERTER	(1) SE3800H-US
OPTIMIZER	(14) SOLAREDGE P320
ARRAY PITCH	40°
ARRAY AZIMUTH	130°
RACKING	IRONRIDGE XR100 ALUMINUM RAIL
ATTACHMENT	ALUMINUM L-FEET WITH SS LAG SCREWS, 3 X5/16

DESIGN CRITERIA:

OCCUPANCY	RESIDENTIAL
DESIGN WIND LOAD	100 MPH
RISK CATEGORY	1
GROUND SNOW LOAD	60 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:

- INVERTER WILL BE LOCATED IN THE GARAGE.
- EXTERIOR PHOTOVOLTAIC AC DISCONNECT WILL BE LOCATED ON THE NW FACING GARAGE WALL.



REVISION ENERGY
142 PRESUMSCOT STREET
PORTLAND, ME 04103
(207)-221-6342

CLIENT:

ANGUS KING JR.
25 BAY STREET
PORTLAND MAINE, 04103

SYSTEM TYPE:

4.27KW GRID TIED SOLAR PHOTOVOLTAIC SYSTEM

DESIGNED BY:	GJD
REVISION:	0
PRINT SIZE:	11" X 17"
DATE:	3/9/2018

DWG TITLE:

SITE PLAN

DWG NUMBER:

A001