



14.945 kW_{DC} PHOTOVOLTAIC SYSTEM



Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 04/02/18

142 PRESUMPCOT STREET
PORTLAND, ME 04103
(207) 221-6342

CLIENT:

GREEN MEMORIAL AME
ZION CHURCH

PROJECT ADDRESS:

46 SHERIDAN STREET
PORTLAND, ME 04101

SYSTEM TYPE:

PHOTOVOLTAIC ARRAY

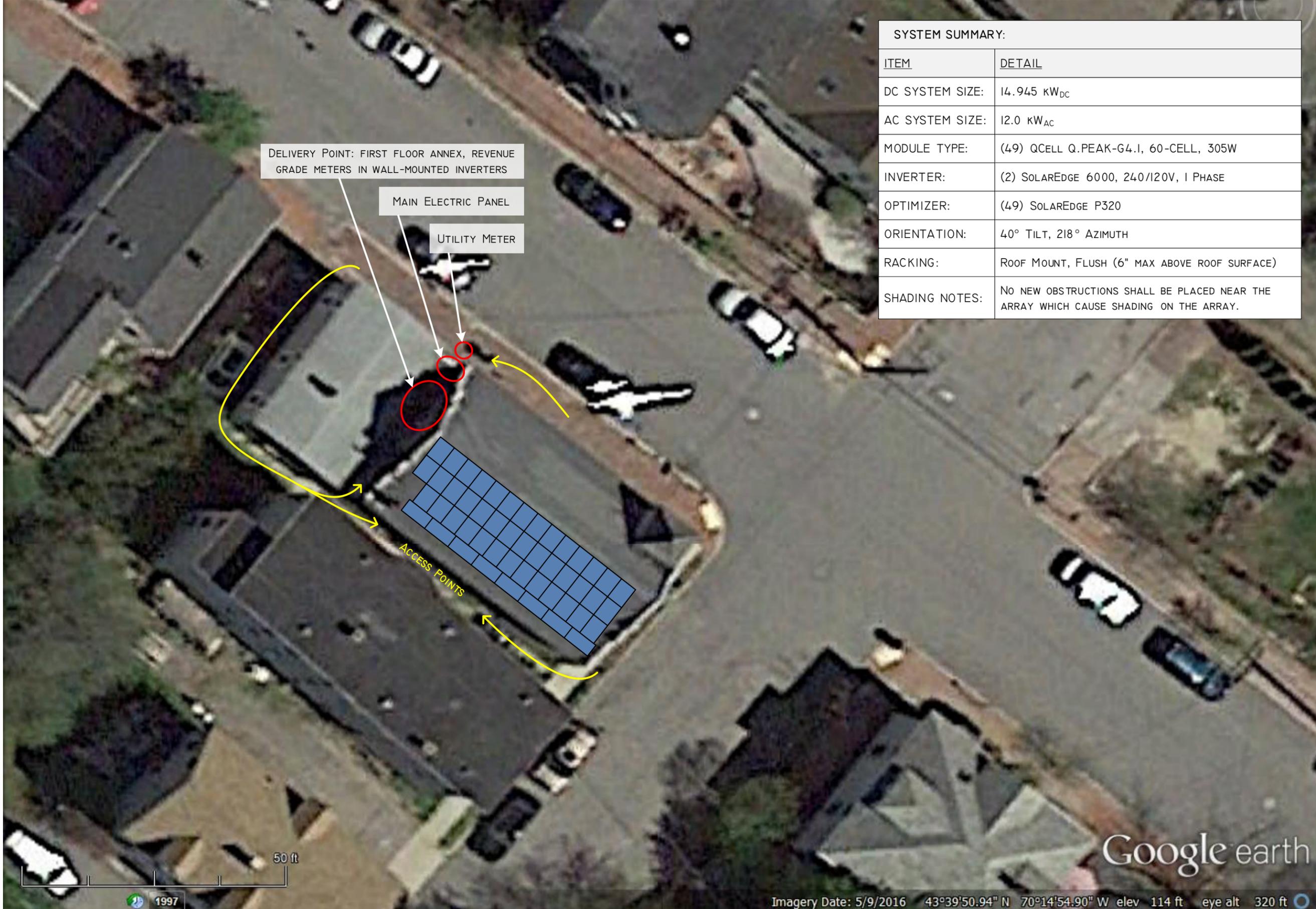
DESIGNED BY: BA
REVISION: 0
PRINT SIZE: 17" x 11"
SCALE: N.T.S.
DATE: SEPTEMBER 18, 2017

DWG TITLE: SITE PLAN
DWG NUMBER: SHEET A01

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THIS DIAGRAM IS PROVIDED AS A SERVICE AND IS BASED ON THE UNDERSTANDING OF THE INFORMATION SUPPLIED. IT IS SUBJECT TO CHANGE BASED ON ACTUAL CONDITIONS, APPLICABLE EDITION OF THE NATIONAL ELECTRIC CODE, AND LOCAL GOVERNMENTAL AUTHORITIES.

SYSTEM SUMMARY:	
ITEM	DETAIL
DC SYSTEM SIZE:	14.945 kW _{DC}
AC SYSTEM SIZE:	12.0 kW _{AC}
MODULE TYPE:	(49) QCELL Q.PEAK-G4.I, 60-CELL, 305W
INVERTER:	(2) SOLAREEDGE 6000, 240/120V, 1 PHASE
OPTIMIZER:	(49) SOLAREEDGE P320
ORIENTATION:	4° TILT, 218° AZIMUTH
RACKING:	ROOF MOUNT, FLUSH (6" MAX ABOVE ROOF SURFACE)
SHADING NOTES:	NO NEW OBSTRUCTIONS SHALL BE PLACED NEAR THE ARRAY WHICH CAUSE SHADING ON THE ARRAY.



DELIVERY POINT: FIRST FLOOR ANNEX, REVENUE GRADE METERS IN WALL-MOUNTED INVERTERS

MAIN ELECTRIC PANEL

UTILITY METER

ACCESS POINTS

50 ft

Google earth

Imagery Date: 5/9/2016 43°39'50.94" N 70°14'54.90" W elev 114 ft eye alt 320 ft

1997