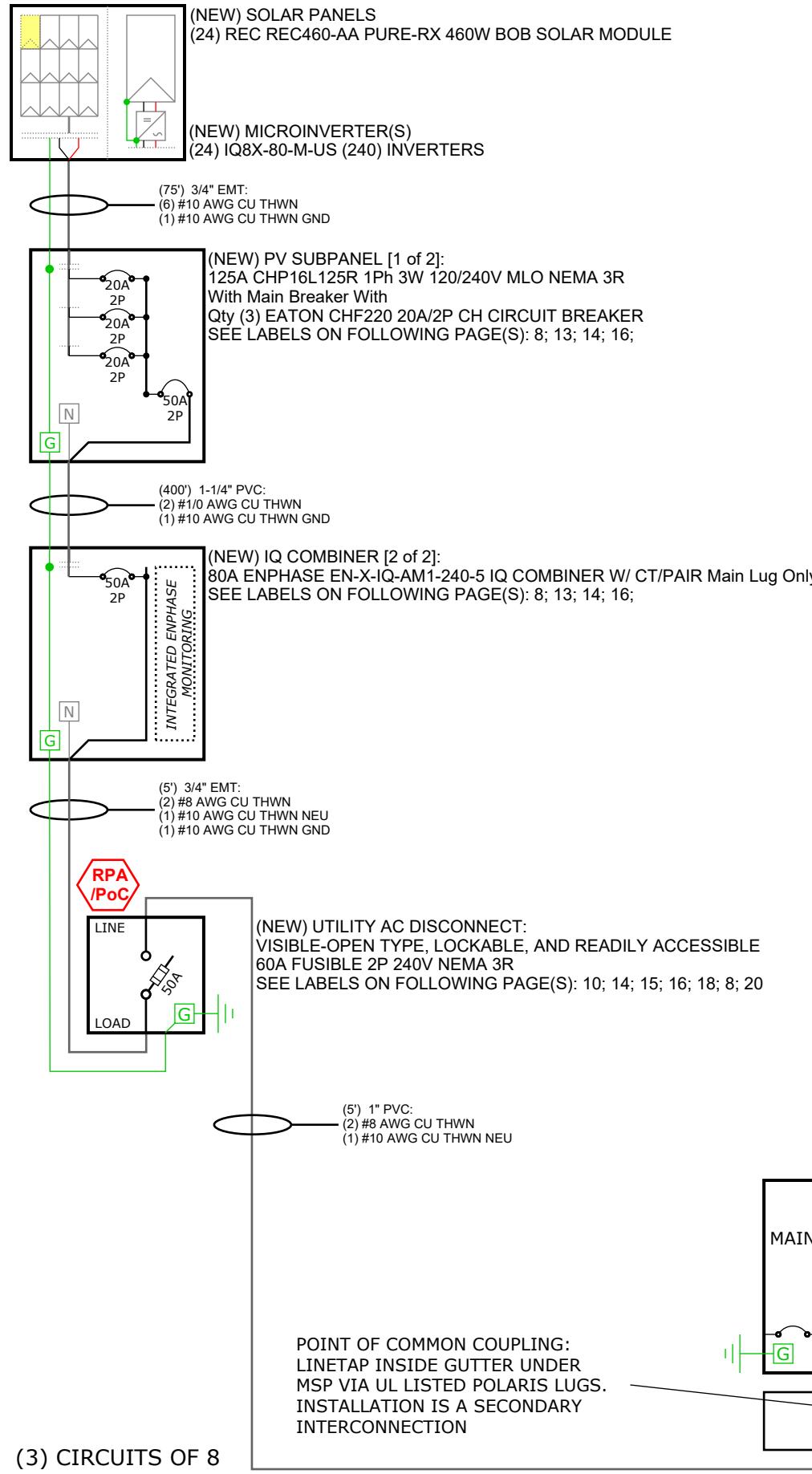


**Sample One-Line Schematic**



## MODULE DETAILS:

REC REC460-AA PURE-RX  
460W BOB SOLAR MODULE

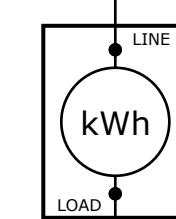
Rated Power @ STC:	460W
VMP:	54.9
IMP:	8.38
VOC:	65.3
ISC:	8.88
Dimensions:	68 x 47.4 x 1.2"

## INVERTER DETAILS:

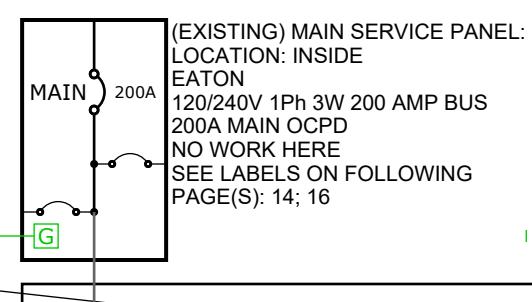
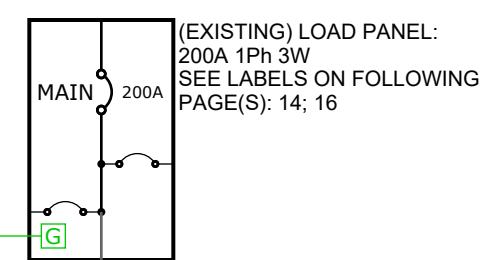
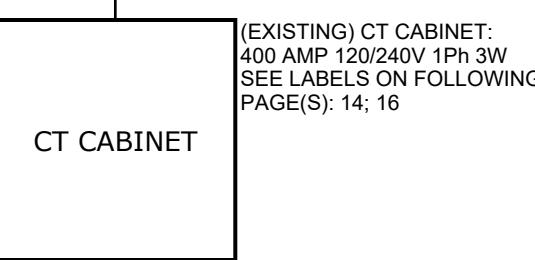
IQ8X-80-M-US (240)

Rating:	380
CEC Efficiency:	0.965
Max DC Voltage:	60
Max AC Output Current:	1.58
Nominal Voltage Range:	240 V / 211-264 V (1 Phase)
Nominal Frequency:	60 Hz

TO UTILITY

(EXISTING) UTILITY METER:  
UTILITY OWNED W/BYPASS;  
200 AMP 120/240V 1Ph 3W  
SEE LABELS ON FOLLOWING PAGE(S): 41; 42

EXISTING

(EXISTING) MAIN SERVICE PANEL:  
LOCATION: INSIDE  
EATON  
120/240V 1Ph 3W 200 AMP BUS  
200A MAIN OCPD  
NO WORK HERE  
SEE LABELS ON FOLLOWING PAGE(S): 14; 16(EXISTING) LOAD PANEL:  
200A 1Ph 3W  
SEE LABELS ON FOLLOWING PAGE(S): 14; 16(EXISTING) CT CABINET:  
400 AMP 120/240V 1Ph 3W  
SEE LABELS ON FOLLOWING PAGE(S): 14; 16

SAMPLE

COMPANY INFORMATION

CLIENT INFORMATION

SYSTEM DETAILS

ACCOUNT:

PREMISE:

METER:

DC SYSTEM SIZE: 11.04kW

MAXIMUM POWER: 9.12kW AC

OPERATING VOLTAGE: 120/240V

MAX CURRENT @

OPERATING VOLTAGE: 38A

NOTES:

1. DESIGN MEETS NEC CODE AND SHALL BE INSTALLED IN ACCORDANCE WITH NEC 690 AND POSTED WITH APPLICABLE WARNINGS, SIGNAGE, AND PLAQUES PER NEC 705-10, 690-17, & 690-64 (b) (5)

2. SOLAR MODULES, INVERTERS, AND CORRESPONDING ELECTRICAL EQUIPMENT ARE LISTED.

3. INVERTERS ARE UL 1741 LISTED

4. SURGE PROTECTION WILL BE INSTALLED AS APPLICABLE PER NEC CODE

REVISIONS

SHEET TITLE

ELECTRICAL  
LINE DIAGRAM

SHEET NUMBER

PV-06