

PLAN SET:	SB-R181311	
DATE:	11.13.18	
PAPER SIZE:	ARCH D	
DRAWN BY:		
CHECK BY:		
REVISIONS		
REV #	DATE	ISSUE
1.0	11.13.18	PRELIM.

ELECTRICAL ENGINEER ON RECORD

STRUCTURAL ENGINEER ON RECORD

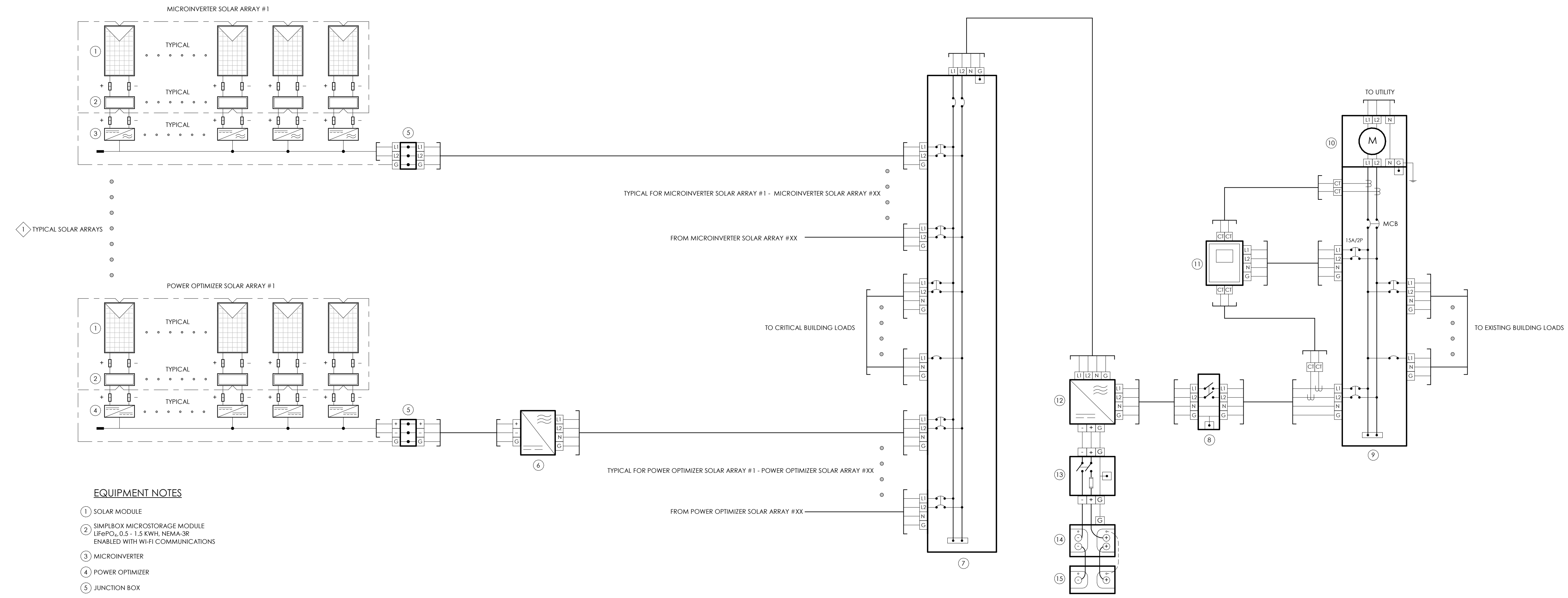
STAMPED APPROVALS

SHEET CONTENT

**SIMPLBOX MICROGRID  
 240/120 VAC SERVICE**

SCALE: NTS  
 SHEET NUMBER

**E-1.1**



**EQUIPMENT NOTES**

- ① SOLAR MODULE
- ② SIMPLBOX MICROSTORAGE MODULE  
LiFePO<sub>4</sub>, 0.5 - 1.5 KWH, NEMA-3R  
ENABLED WITH WI-FI COMMUNICATIONS
- ③ MICROINVERTER
- ④ POWER OPTIMIZER
- ⑤ JUNCTION BOX
- ⑥ SOLAR INVERTER
- ⑦ SYSTEM COMBINER PANEL (AS REQUIRED)  
240/120 VAC, 3W, 1Φ
- ⑧ AC DISCONNECT (AS REQUIRED)
- ⑨ EXISTING MAIN PANEL  
240/120 VAC, 3W, 1Φ
- ⑩ EXISTING UTILITY METER
- ⑪ SIMPLMETER  
ADVANCED REAL-TIME POWER METERING DEVICE  
ENABLED WITH WI-FI COMMUNICATIONS
- ⑫ SIMPLBOX OFF-GRID INVERTER  
GRID FORMING, 4.4 KW, 240/120 VAC, 3W, 1Φ
- ⑬ DC DISCONNECT
- ⑭ SIMPLGRID CONTROL BOX
- ⑮ SIMPLGRID BATTERY MODULE  
LiFePO<sub>4</sub>, 4.3 KWH

**GENERAL NOTES**

- ◇ SOLAR ARRAYS CAN BE CONFIGURED USING MICROINVERTER AND/OR POWER OPTIMIZER SOLAR INVERTER SYSTEMS