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CONSULTANT

REVISION

NUMBER:	DATE:	ISSUED FOR:
2	9-26-13	Interconnect
3	10-29-13	Inverter / Cold Sequence
4	10-31-13	
5	11-1-13	Construction
6	11-4-13	ZREC Meter 16S
7	11-20-13	Phase Loss Relay

Stafford Senior Center
 3 Buckley Highway
 Stafford CT 06076

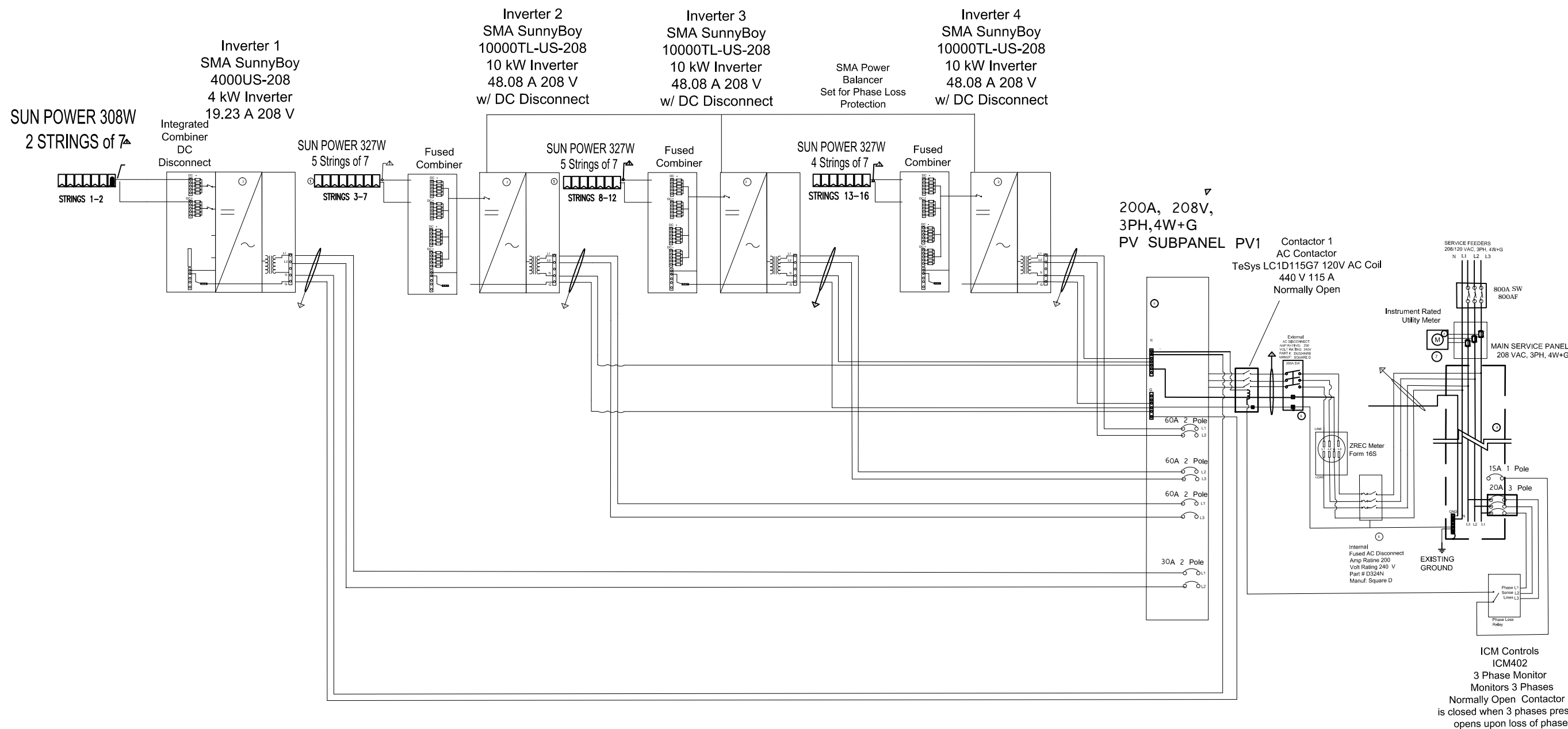
DRAWN BY:
Andy Mayshar

DRAWING TITLE:
PHOTOVOLTAIC
ELECTRICAL PLAN

DATE
9-23-2013

SHEET NUMBER

E-1



NOTES

All DC Conductors contained in EMT tubing per NEC 690.31 (E) and installed according to NEC article 358 shall be labeled to comply with NEC article 690. System designed with respect to NEC2005

GENERAL ELECTRICAL NOTES:

- SUNPOWER MODULES SHALL BE POSITIVELY GROUNDED. GROUNDED (POSITIVE) CONDUCTORS SHALL BE UN-FUSED AND UN-BROKEN FROM THE ARRAY TO THE INVERTER DC TERMINAL. UN-GROUNDED (NEGATIVE) CONDUCTORS SHALL BE FUSED AND/OR SWITCHED.
- MODULES SHALL BE GROUNDED USING WEEB CLIPS.
- RAILING SHALL BE GROUNDED USING GROUNDING LUGS.
- BONDING BUSHING SHALL BE INSTALLED ON BOTH ENDS OF EQUIPMENTS CARRYING GEC,REFER TO NEC 250.97.
- Hardwire Monitor to Ethernet Port using RJ45 cable

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ELECTRICAL ONE LINE DIAGRAM