

PART LIST

ITEM	QTY	DESCRIPTION	PART/MODEL NUMBER	MFR	LIST \$/UNIT
1	4	FLOODED 6 V DEEP CYCLE BATTERY	<u>GCC-XHD-UT</u>	INTERSTATE	\$139.50
2	1	2000 WATT PURE SINE WAVE INVERTER	<u>INV-2000PS</u>	MICRO SOLAR	\$289.99
3	4	100 WATT SOLAR PANEL	<u>RNG-100D</u>	RENOGY	\$144.99
4	1	40 AMP MPPT CHARGE CONTROLLER	<u>4210</u>	RENOGY	\$189.99
5	1	BATTERY METER W/SHUNT	<u>BMV-700</u>	VICTRON	\$178.65
6	2	CIRCUIT BREAKER (200 AMP)	<u>SGP90200</u>	STINGER	\$30.95
7	1	CIRCUIT BREAKER (50 AMP)	<u>CB185-50</u>	BUSSMAN	\$28.50
8	1	LIGHT SWITCH (DUAL 3-WAY)	<u>5243</u>	LEVTRON	\$15.75
9	2	VENTED BATTERY BOX	<u>HM426</u>	NOCO	\$98.14
10	4	SOLAR PANEL TILT HARDWARE KIT	<u>SOL-AJBR-01</u>	WINDY N.	\$47.99
11	1	SOLAR CHARGE CONTROL MONITOR	<u>MT-5</u>	RENOGY	\$39.99
12	1	SWITCH BOX (2-GANG, OLD WORK)	<u>B225R-UPC</u>	HOME DEPOT	\$2.28
13	1	WEATHERPROOF JUNCTION BOX W/LID	<u>E987RR</u>	HOME DEPOT	\$11.78
14	2	BUS BAR WITH SCREW TERMINAL	<u>PK7GTACP</u>	SNIEDER ELEC	\$4.35
15	1	MISC WIRE AND INSTALL SUPPLIES (EST)	AS REQUIRED	QPL	\$350.00
16	1	POWER CONVERTER WITH CHARGE BOOST	<u>PD9280V</u>	PROG. DYN.	\$252.26
17	1	INVERTER GENERATOR (1000 WATT)	<u>EU2000I</u>	HONDA	\$999.99
18	1	CIRCUIT BREAKER (80 AMP)	<u>GSGP90801</u>	STINGER	\$24.99
TOTAL ESTIMATED \$ BEFORE TAX AND SHIPPING:					\$3,980.97

JRW CONSULTING SERVICES, INC.

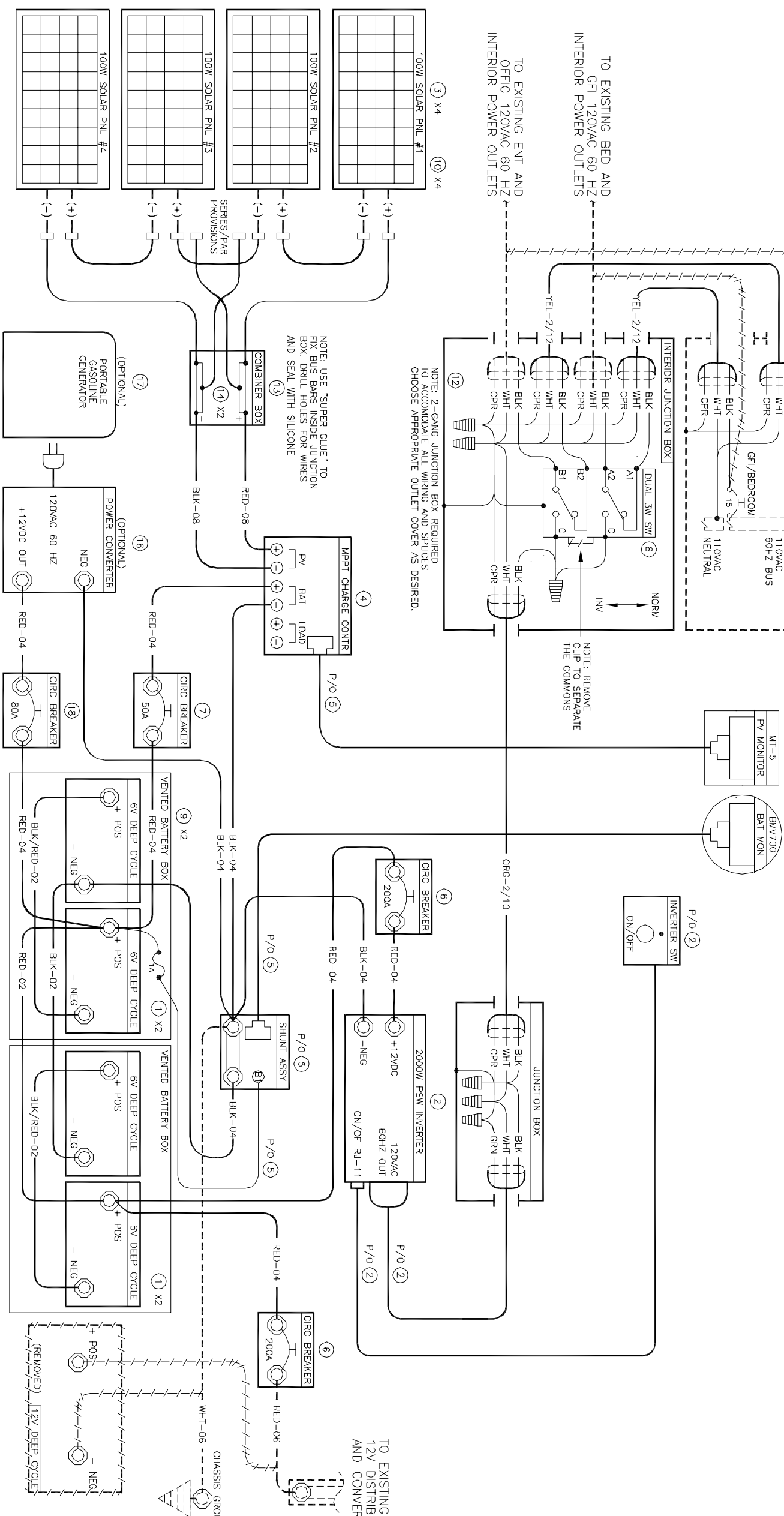
WWW.JRWCSI.COM

RV SOLAR WIRING
2013 PRIME TIME
CRUSADER 29ORLT

SHT 1 OF 5

GEN. NOTES:
 NEW INSTALL (---) (---) (---)
 RMD/RELOC (---) (---) (---)
 EXISTING (---) (---) (---)

ELECTRICAL INTERCONNECT DIAGRAM AND FUNCTIONAL SCHEMATIC



TO EXISTING BED AND GFI 120VAC 60 HZ INTERIOR POWER OUTLETS

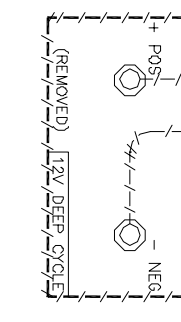
TO EXISTING ENT AND OFFIC 120VAC 60 HZ INTERIOR POWER OUTLETS

NOTE: USE "SUPER GLUE" TO FIX BUS BARS INSIDE JUNCTION BOX. DRILL HOLES FOR WIRES AND SEAL WITH SILICONE

NOTE: 2-GANG JUNCTION BOX REQUIRED TO ACCOMMODATE ALL WIRING AND SPLICES CHOOSE APPROPRIATE OUTLET COVER AS DESIRED.

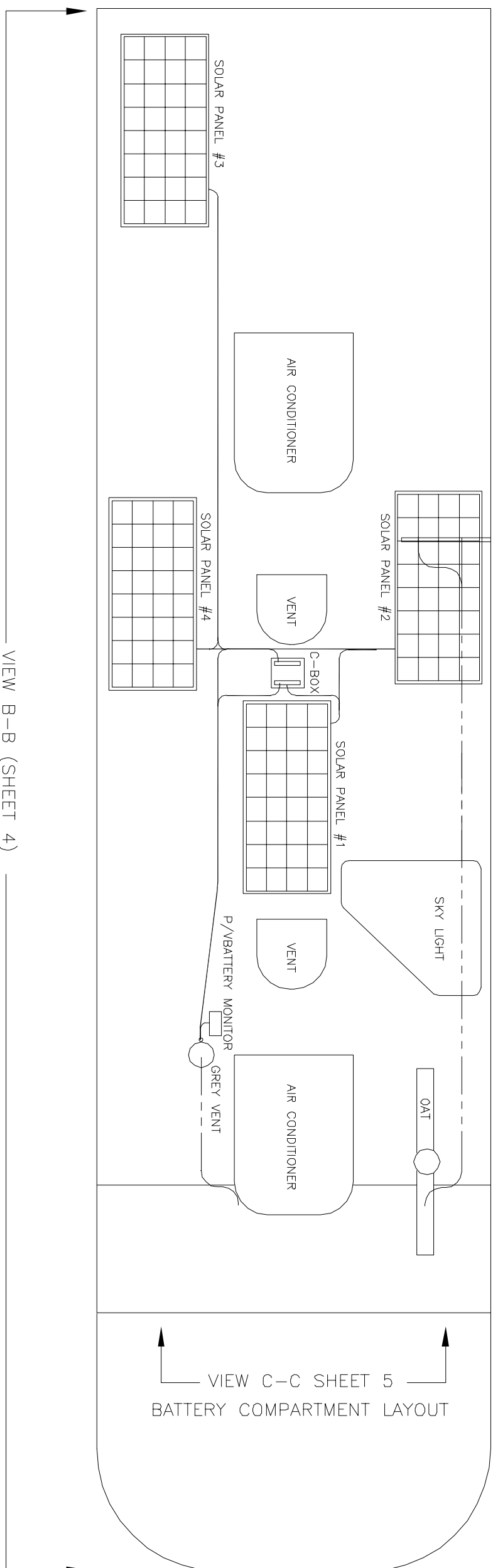
NOTE: REMOVE CLIP TO SEPARATE THE COMMONS

TO EXISTING RV 12V DISTRIBUTIO AND CONVERTER



VIEW A-A

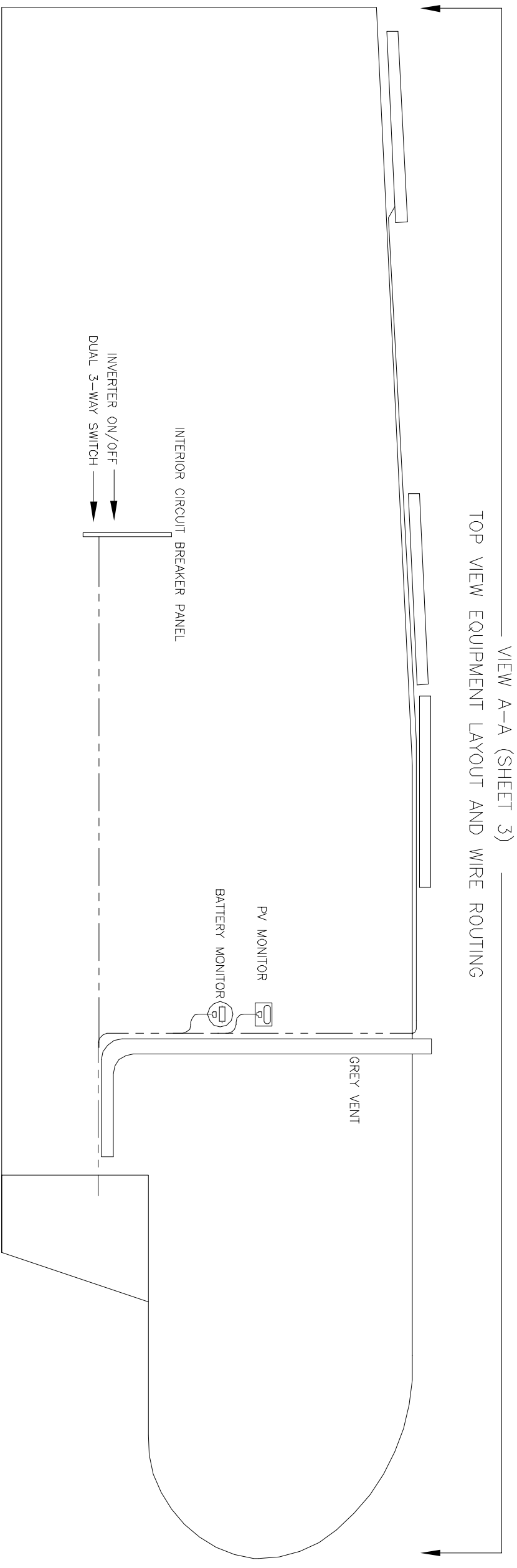
TOP VIEW EQUIPMENT LAYOUT AND WIRE ROUTING



SIDE VIEW EQUIPMENT LAYOUT AND WIRE ROUTING

VIEW B-B

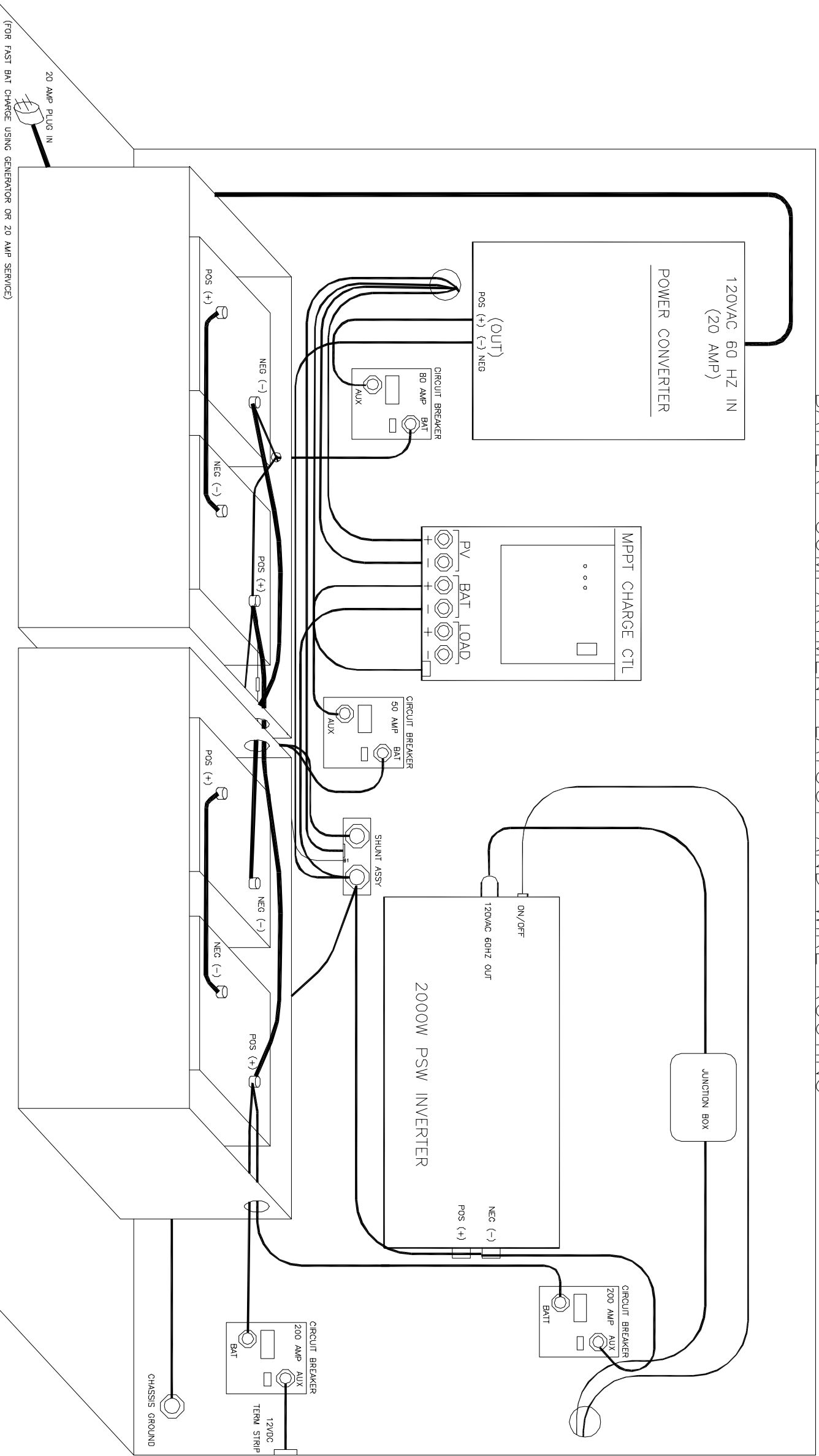
SIDE VIEW EQUIPMENT LAYOUT AND WIRE ROUTING



VIEW A-A (SHEET 3)
TOP VIEW EQUIPMENT LAYOUT AND WIRE ROUTING

VIEW C-C

BATTERY COMPARTMENT LAYOUT AND WIRE ROUTING



(FOR FAST BAT CHARGE USING GENERATOR OR 20 AMP SERVICE)