

WIRES	COLOR/SIZE
HV, HV1, HV+	RED #12 AWG
HVGN	BLK #12 AWG
+12V, 1H	RED #14 AWG
1E, 1T, 1F	VL T #20 AWG
+5V	GRN #18 AWG
12VCOM	BLK #14 AWG
5VCOM	WHT #18 AWG
GND	GRN #12 AWG

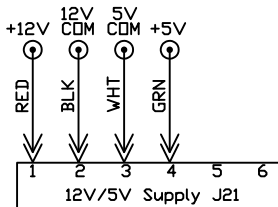
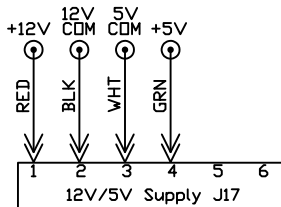
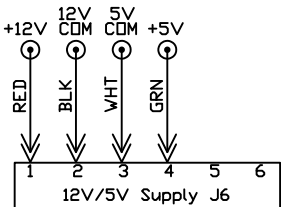
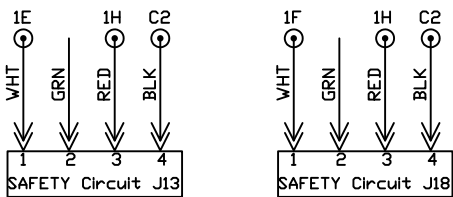
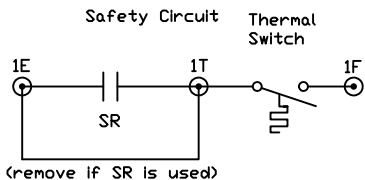
(UNLESS OTHERWISE NOTED)

Temp1 Wiring
+5V - Blu/Blk
Gnd - Blk/Wht
Sens - Grn/Blk/Wht

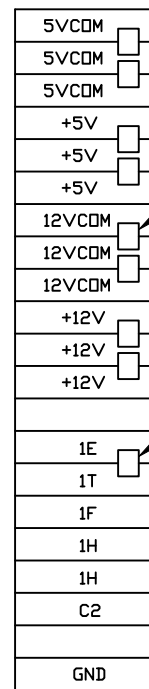
Temp3 Wiring
+5V - Blu/Wht
Gnd - Orange
Sens - Green

Temp2 Wiring
+5V - Red
Gnd - Black
Sens - White

Temp4 Wiring
+5V - Wht/Red
Gnd - Blk/Red
Sens - Blue



Low Voltage Terminals



Jumpers

Remove if SR is used

LAFAYETTE

Lafayette College
Easton, Pa
ECE Department

TITLE ESS Wiring Diagram			
SIZE A	DWG NO A3	ASSIGNMENT SENIOR DESIGN II	REV 1
COURSE ECE492	SHEET 2 of 3	5 - 9 - 2009	

⊙ - Terminal in ESS Enclosure

DRAWN BY STEVE LOCKETT

2

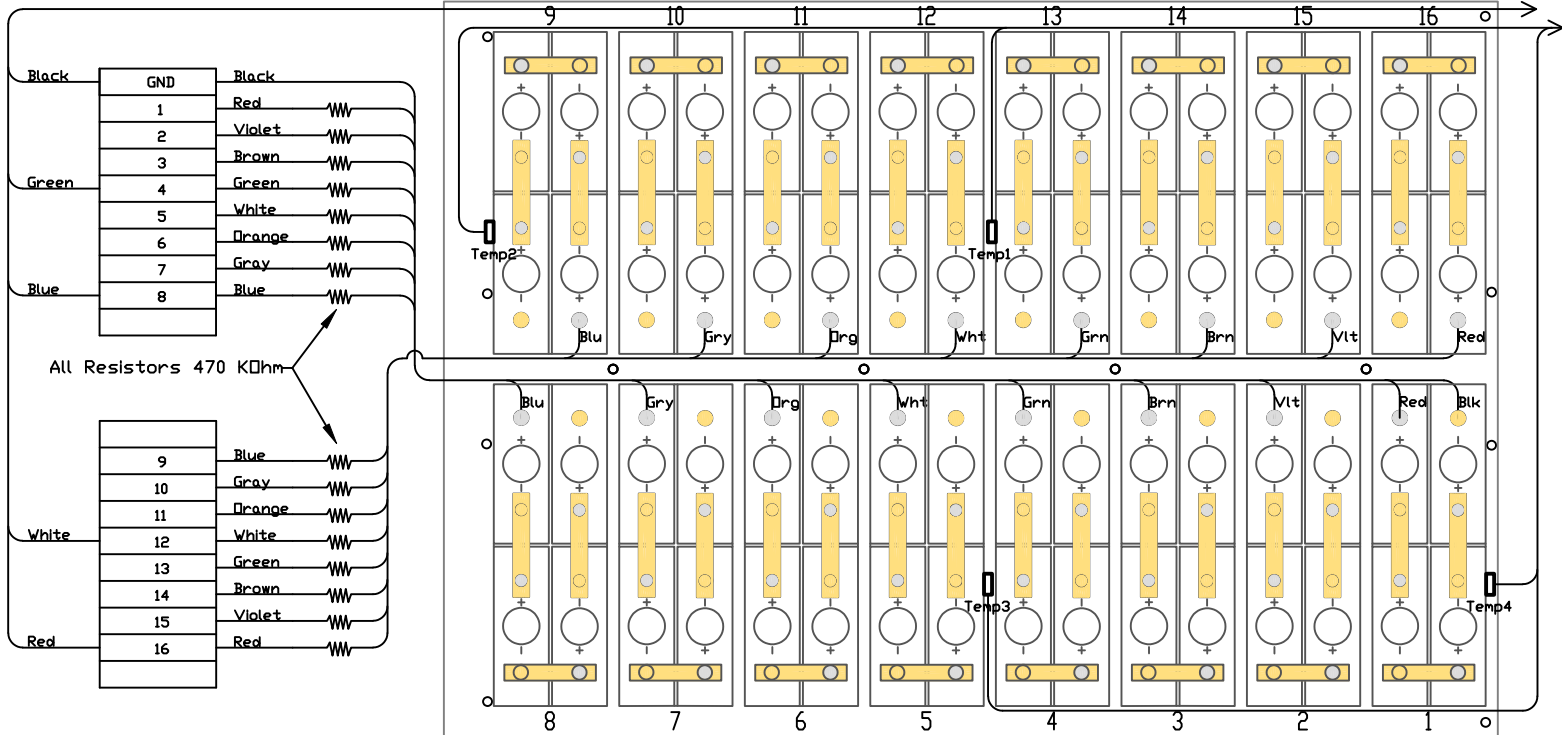
1

Battery Shelf (Top View)

ESS9

to ESS PCB Board
(sheet 1)

Battery Test Point Terminals (Front of Drawer)



B

B

A

A

LAFAYETTE

Lafayette College
Easton, Pa
ECE Department

TITLE

ESS Wiring Diagram

SIZE

DWG NO

ASSIGNMENT

REV

A

A3

SENIOR DESIGN II

1

⊙ - Terminal in ESS Enclosure

DRAWN BY

STEVE LOCKETT

COURSE ECE492

SHEET

3 of 3

5 - 9 - 2009

2

1