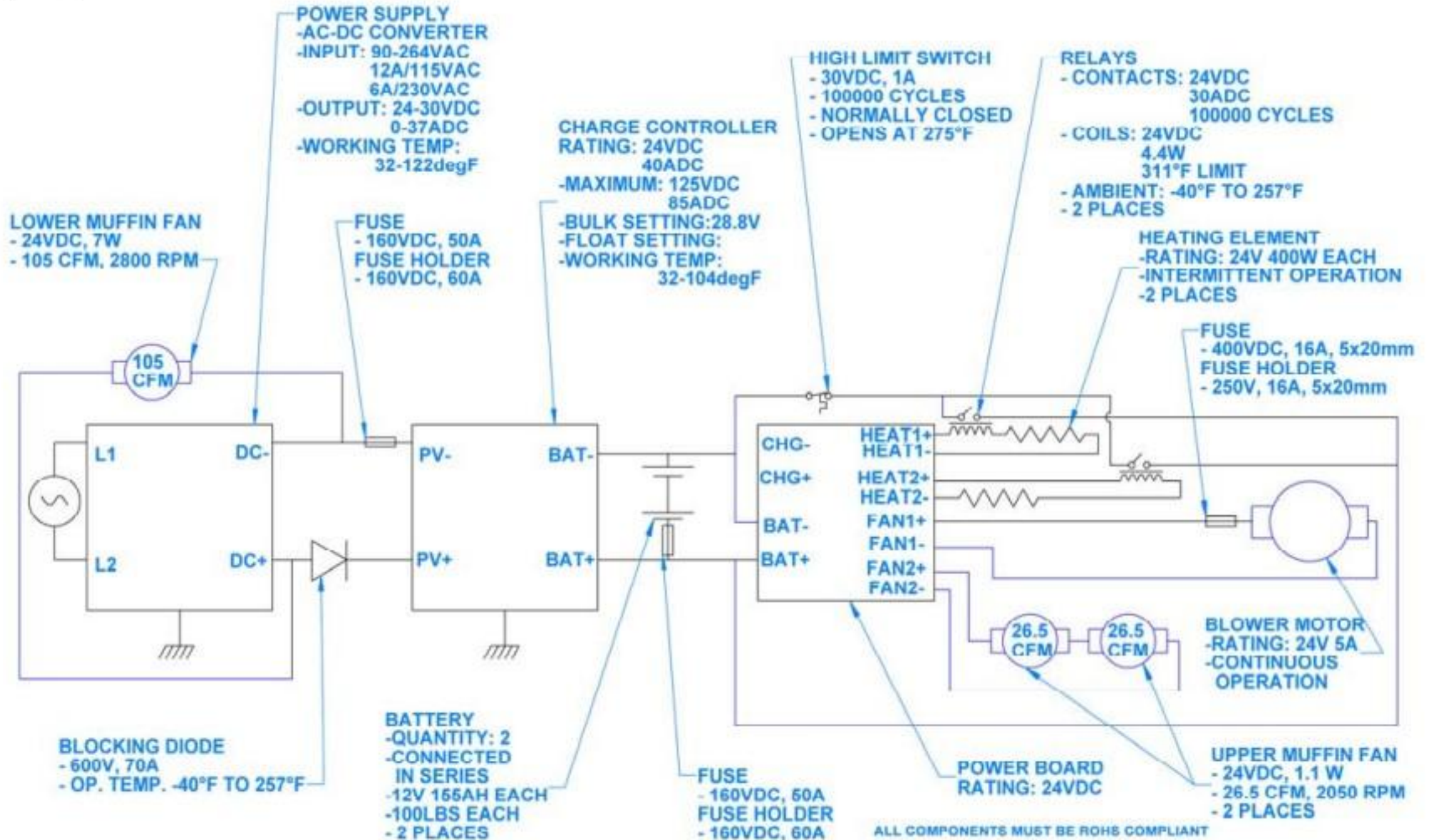
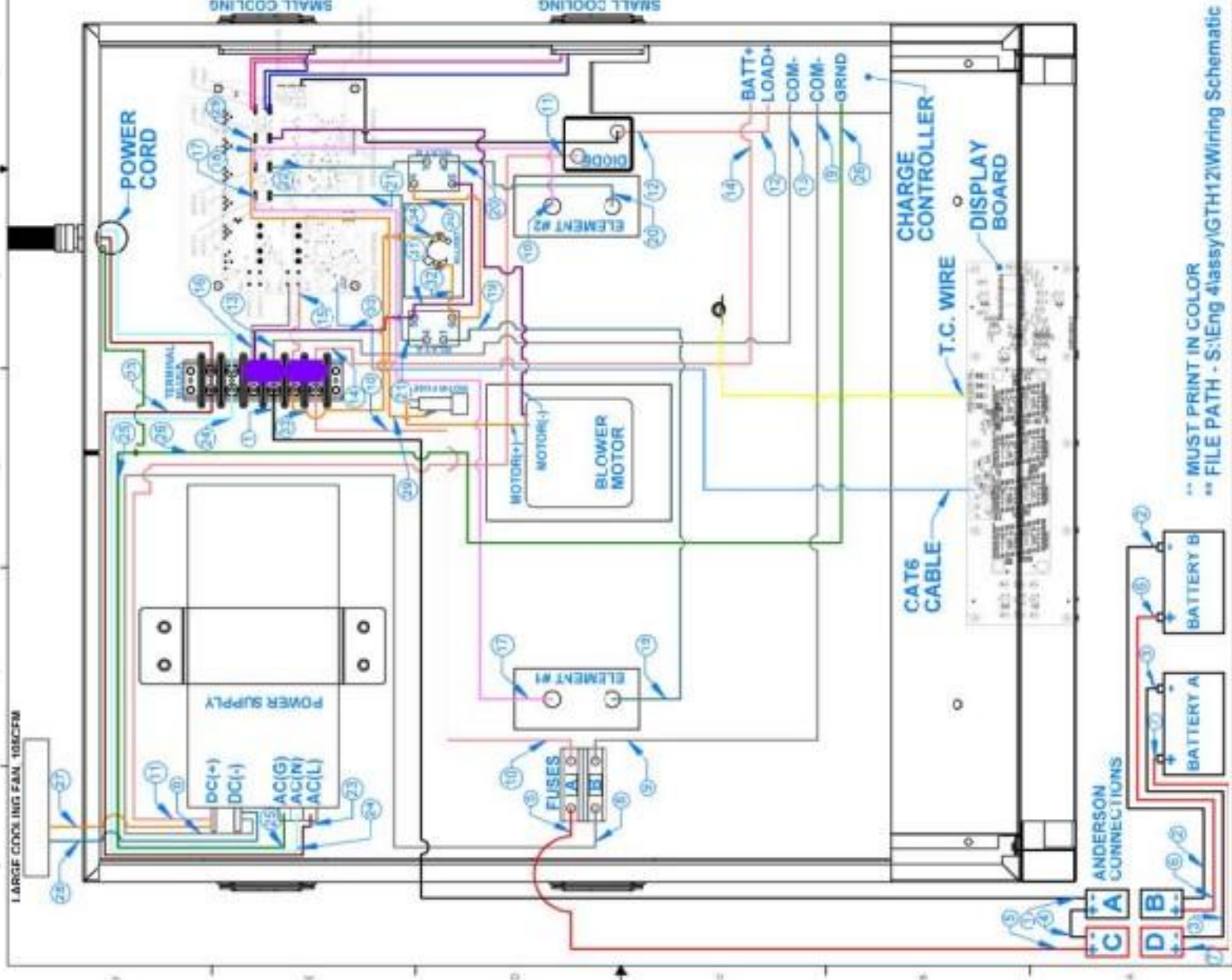


1300W, 120V,
10.8A, 60Hz, single
phase, NEMA 5-20P



REVISION TABLE		
A	RELEASED	7/21/2016 CR
B	ADDED MORE DETAILS	7/28/2016 CB



No. Ga.	Symbol	Color	Insulation	Connection A	Connection B
1	8	Black	GXL	Terminal Block (4)	Black Anderson A (-)
2	8	Black	GXL	Battery B (-)	Black Anderson B (-)
3	8	Black	GXL	Battery A (-)	Red Anderson D (-)
4	8	Black	GXL	Black Anderson A	Red Anderson C (-)
5	8	Red	GXL	50A Fuse A	Red Anderson C (+)
6	8	Red	GXL	Battery B (+)	Black Anderson B (+)
7	8	Red	GXL	Battery A (+)	Red Anderson D (+)
8	8	Tan	Mica	Power Supply DC	50A Fuse B (-)
9	8	Tan	Mica	50A Fuse B	Charge Controller Common (-)
10	8	Tan	Mica	50A Fuse A	Terminal Block 16l
11	8	Tan	Mica	Power Supply DC (+)	Diode (+)
12	8	Tan	Mica	Diode (-)	Charge Controller Load (+)
13	8	Tan	Mica	Terminal Block (4)	Charge Controller Common (-)
14	8	Tan	Mica	Terminal Block (6)	Charge Controller Battery (+)
15	8	Tan	Mica	Terminal Block (5)	Power Board Battery (+)
16	8	Tan	Mica	Terminal Block (3)	Power Board Battery (-)
17	10	Tan	Mica	Element 1 (+)	Power Board Heat+
18	10	Tan	Mica	Element 2 (+)	Power Board Heat+
19	10	Tan	Mica	Element 1 (-)	Relay A (1)
20	10	Tan	Mica	Element 2 (-)	Relay B (4)
21	10	Tan	Mica	Relay A (4)	Power Board Heat-
22	10	Tan	Mica	Relay B (1)	Power Board Heat2-
23	14	Black	Mica	Terminal Block (1)	Power Supply AC (L)
24	14	White	Mica	Terminal Block (2)	Power Supply AC (N)
25	14	Green	Mica	Ground Stud	Power Supply AC (Ground)
26	14	Green	Mica	Ground Stud	Charge Controller (Ground)
27	16	Red	Teflon	Bottom Cooling Fan (+)	Power Supply DC (+)
28	16	Black	Teflon	Bottom Cooling Fan (-)	Power Supply DC (-)
29	16	Red	Teflon	16A Fuse (+)	Power Board Fan+
30	16	Red	Teflon	Relay A (6)	Relay B (6)
31	16	Red	Teflon	Relay A (5)	Relay R (5)
32	16	Red	Teflon	Relay A (6)	High Limit
33	16	Red	Teflon	Relay A (5)	Terminal Block (3)
34	16	Red	Teflon	High Limit	Terminal Block (5)

OTHERS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONAL 1/16 ANGULAR SLOTTED HOLE 1/8 TWO PLACE DECIMAL 1/32 THREE PLACE DECIMAL 1/64

UNITS: ALL INTERNAL REGULAR SHAPES .0005 (25) DRAWN BY: CR DATE: 11/1/2013

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CARTER-ACHESON LLC AND IS UNCLASSIFIED IN ACCORDANCE WITH THE PERMISSION OF CARTER-ACHESON LLC TO BE REPRODUCED FOR THE PROJECT: GREENER TECHNOLOGY DRAWING NUMBER: GT12U WIRING DIAGRAM

DESIGN: CARTER-ACHESON LLC 302.200.3100

REVISION: B

SCALE: 1 OF 1

WEIGHT: 514.1535

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 ** FILE PATH - S:\Eng 4lassy\GT12U\Wiring Schematic