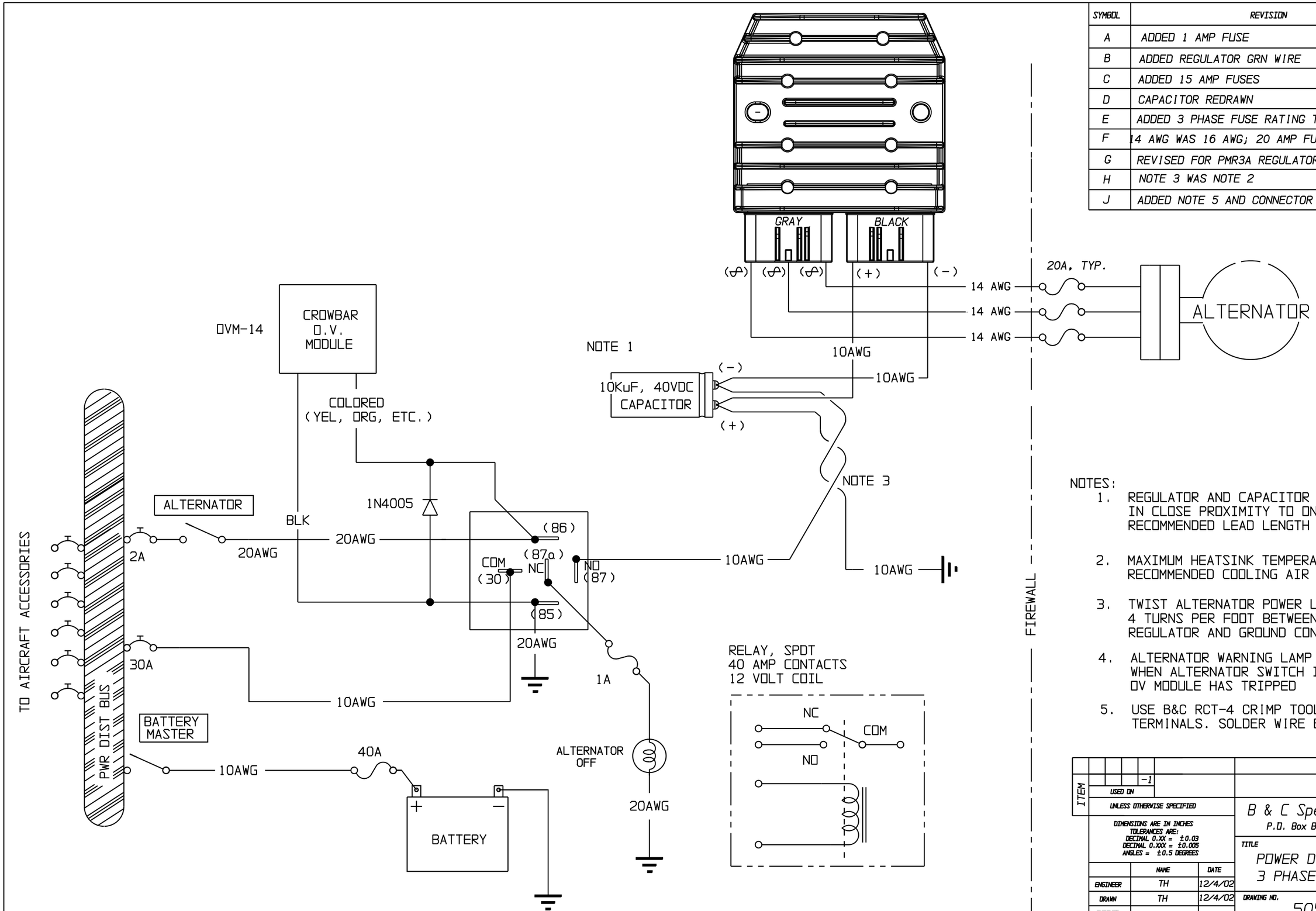
SYMBOL	REVISION	DRAWN	APPRVD
A	ADDED 1 AMP FUSE	TH	4/03
B	ADDED REGULATOR GRN WIRE	TH	2/04
C	ADDED 15 AMP FUSES	TH	9/04
D	CAPACITOR REDRAWN	TH	10/04
E	ADDED 3 PHASE FUSE RATING TO DWG FACE	TH	2/05
F	14 AWG WAS 16 AWG; 20 AMP FUSES WERE 15 AMP	TH	3/05
G	REVISED FOR PMR3A REGULATOR	TH	1/7/08
H	NOTE 3 WAS NOTE 2	TH	1/9/08
J	ADDED NOTE 5 AND CONNECTOR COLORS	TH	2/5/08



NOTES:

1. REGULATOR AND CAPACITOR SHOULD BE MOUNTED IN CLOSE PROXIMITY TO ONE ANOTHER. RECOMMENDED LEAD LENGTH 6 IN. MAXIMUM
2. MAXIMUM HEATSINK TEMPERATURE 221°F. RECOMMENDED COOLING AIR FLOW 7 FT./SEC.
3. TWIST ALTERNATOR POWER LEADS APPROX 4 TURNS PER FOOT BETWEEN VOLTAGE REGULATOR AND GROUND CONNECTION.
4. ALTERNATOR WARNING LAMP IS ILLUMINATED WHEN ALTERNATOR SWITCH IS OFF OR WHEN OV MODULE HAS TRIPPED
5. USE B&C RCT-4 CRIMP TOOL FOR CONNECTOR TERMINALS. SOLDER WIRE END CRIMP.

ITEM -1
USED ON
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
DECIMAL 0.XX = ±0.03
DECIMAL 0.XXX = ±0.005
ANGLES = ±0.5 DEGREES

	NAME	DATE
ENGINEER	TH	12/4/02
DRAWN	TH	12/4/02
CHECKED		
PROJECT		

B & C Specialty Products
P.O. Box B, Newton, Kansas 67114

TITLE
POWER DISTRIBUTION DIAGRAM
3 PHASE P.M. ALTERNATOR

DRAWING NO. 505-500
REVISION J
DATE 2/5/08
SCALE FULL
JOB NO.
PAGE 1 OF 1