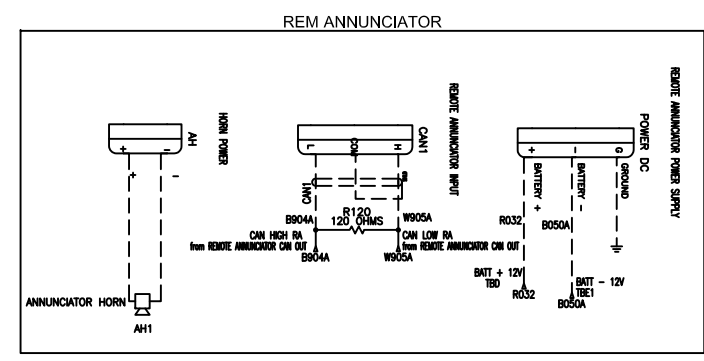
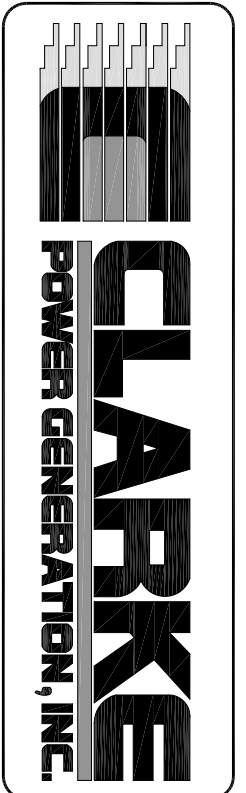


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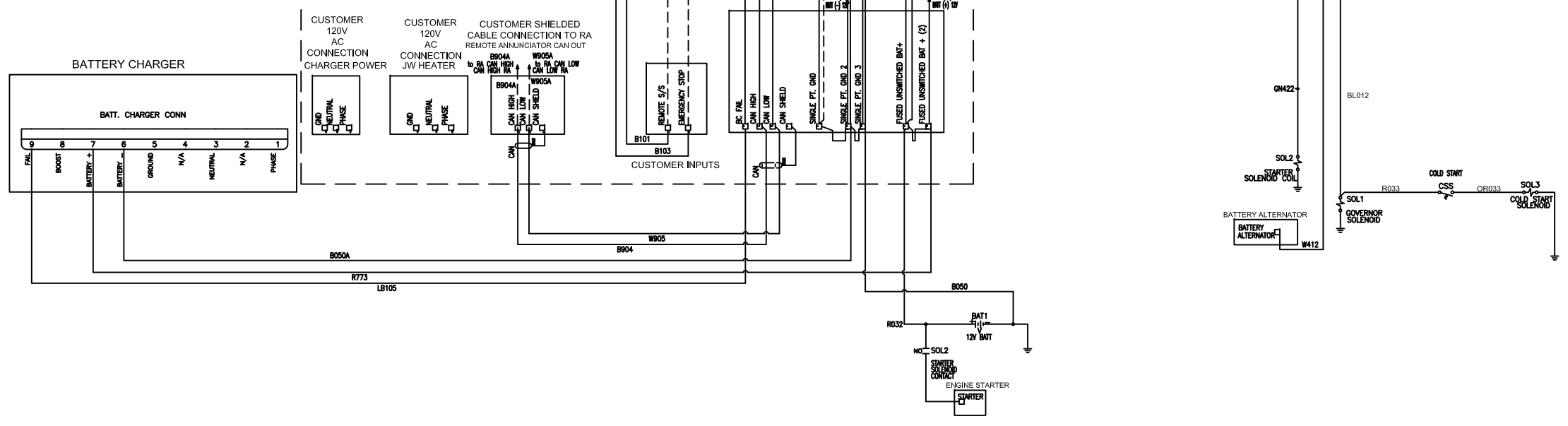


LEGEND

- | | | |
|----------------|---------------------|-------------------------|
| Colors: | Definitions: | PS- Oil Pressure |
| B-Black | AH1-Alarm Horn | Sensor |
| BL-Blue | CBDC1- 1 Amp DC | TS-Coolant |
| BR-Brown | Circuit Breaker | Temperature |
| G-Gray | CR1-Relay | Sensor |
| GN-Green | Contact and Coil 1 | Block D |
| LB-Light Blue | CR2-Relay | Block D |
| LG-Light Green | Contact and Coil 2 | TBE-Terminal |
| OR-Orange | FLS-Fuel Leak | Block E |
| R-Red | Sensor | |
| TA-Tan | FLT1-Coolant | |
| W-White | Level Switch | |
| Y-Yellow | FLT2-Low Fuel | |
| | Level Switch | |
| | MP- Magnetic | |
| | Pickup | |

NOTES:
 *-INDICATES "IF EQUIPPED". MAY NOT PERTAIN TO ALL MODELS.

TERMINAL BLOCKS INSIDE THIS BOX MAY NOT BE SUPPLIED ON ALL MODELS. SOME MODELS MAY BE DIRECT WIRED.



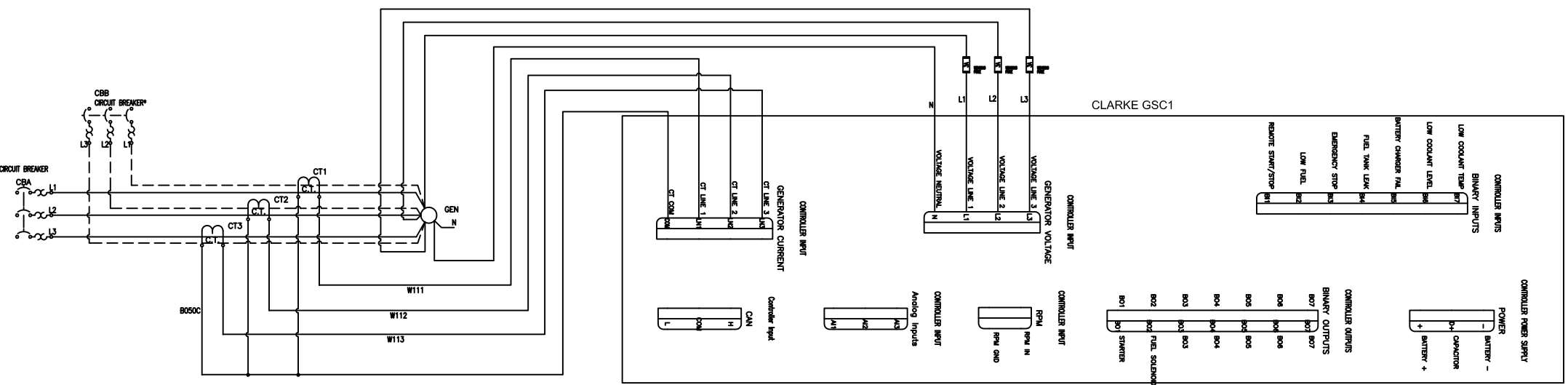
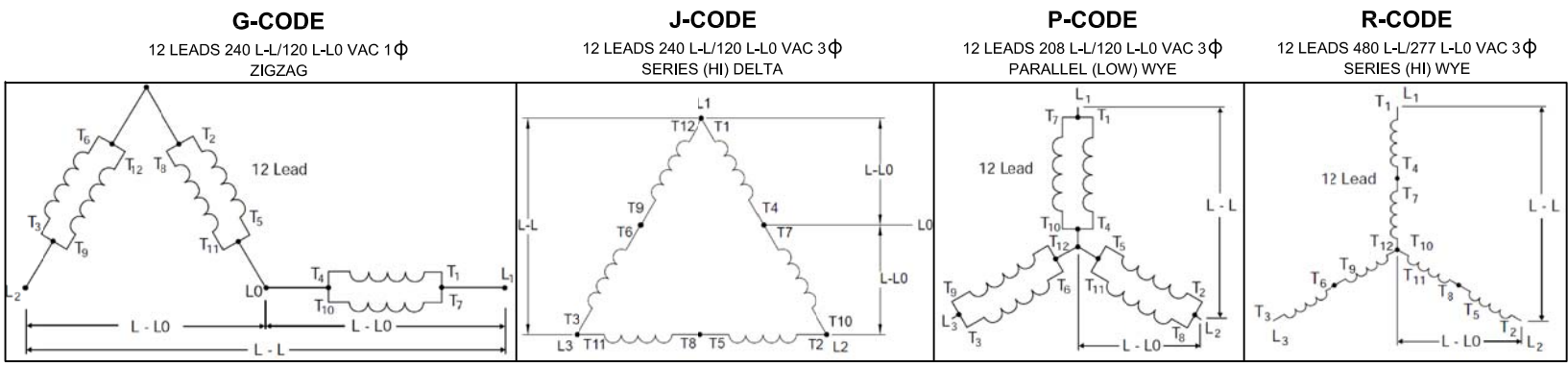
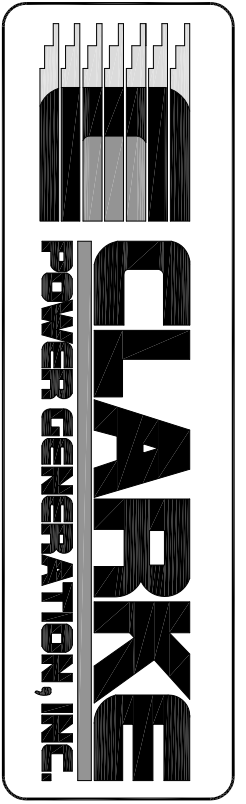
NO.	DATE	REVISION	BY
A	11-08-11	ADDED PROTECTION REQUIREMENTS (JWB/BNL)	AH

MECHANICAL ENGINE GENSET WIRING DC WIRES

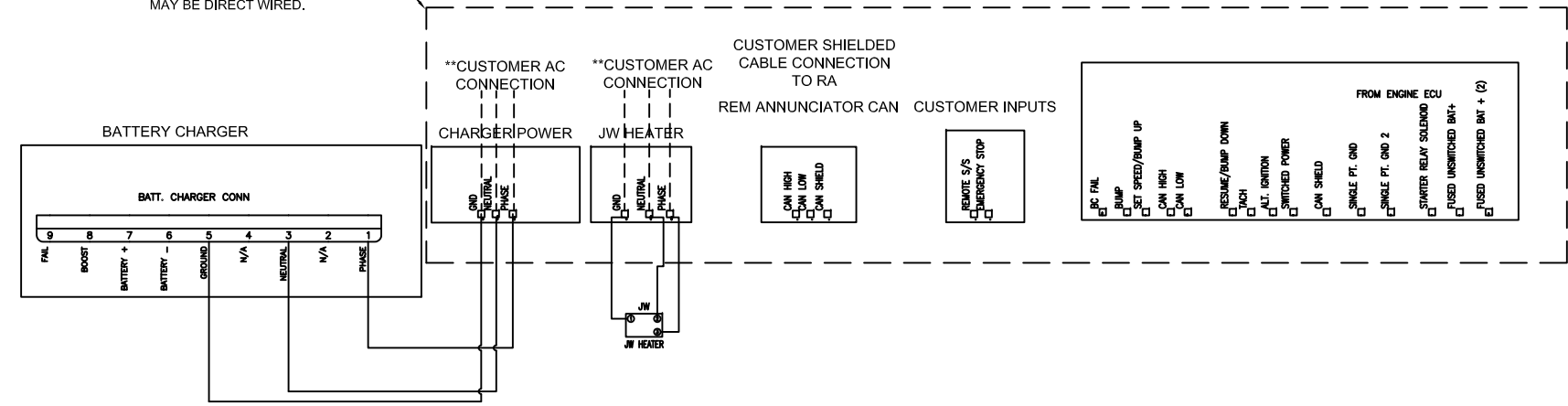
ENGINEER AHIGGINS	CHECKED BY KWAULIGMAN
JOB NO.	DRAWN BY AHIGGINS
SCALE No Scale	DATE 3-18-11

DWG NO
G071144
 SHEET NO
1 OF 2

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TERMINAL BLOCKS INSIDE THIS BOX MAY NOT BE SUPPLIED ON ALL MODELS. SOME MODELS MAY BE DIRECT WIRED.



LEGEND

Colors:	Definitions:
B-Black	CBA-AC 3 Pole
BL-Blue	Circuit Breaker (A)
BR-Brown	CBB-AC 3 Pole
G-Gray	Circuit Breaker (B)
GN-Green	CT1-Current
LB-Light Blue	Transformer Line1
LG-Light Green	CT2-Current
OR-Orange	Transformer Line 2
R-Red	CT3-Current
TA-Tan	Transformer Line 3
W-White	JW-Jacket Water Heater
Y-Yellow	

NOTES:
 *-INDICATES "IF EQUIPPED". MAY NOT PERTAIN TO ALL MODELS.
 **- ALL CUSTOMER CONNECTIONS SHOULD BE PROTECTED FOR OVERCURRENT BY CUSTOMER BY FUSE OR CIRCUIT BREAKER. SEE THE TABLES IN THIS DRAWING FOR CURRENT DRAWS.

BATTERY CHARGER AMPS				
BATTER CHARGER RATING	AMPS @ 120V	PROTECTION AMPS	AMPS @ 240V	PROTECTION AMPS
12V 5 AMP	0.60	6.00	0.30	6.00
12V 10 AMP	1.20	6.00	0.60	6.00
24V 5 AMP	1.20	6.00	0.60	6.00
24V 10 AMP	2.70	6.00	1.20	6.00

BLOCK HEATER AMPS				
HEATER RATING	AMPS @ 120V	PROTECTION AMPS	AMPS @ 240V	PROTECTION AMPS
1500 W	12.50	15.00	6.25	8.00
2500 W	21.00	25.00	11.00	12.00
4000 W	33.00	40.00	17.00	20.00
5000 W	42.00	50.00	21.00	25.00

NO.	DATE	REVISION	BY

MECHANICAL ENGINE GENSET WIRING AC WIRES

ENGINEER AHIGGINS	CHECKED BY KWAULIGMAN
JOB NO.	DRAWN BY AHIGGINS
SCALE No Scale	DATE 3-18-11

DWG NO
G071144
 SHEET NO
2 OF 2