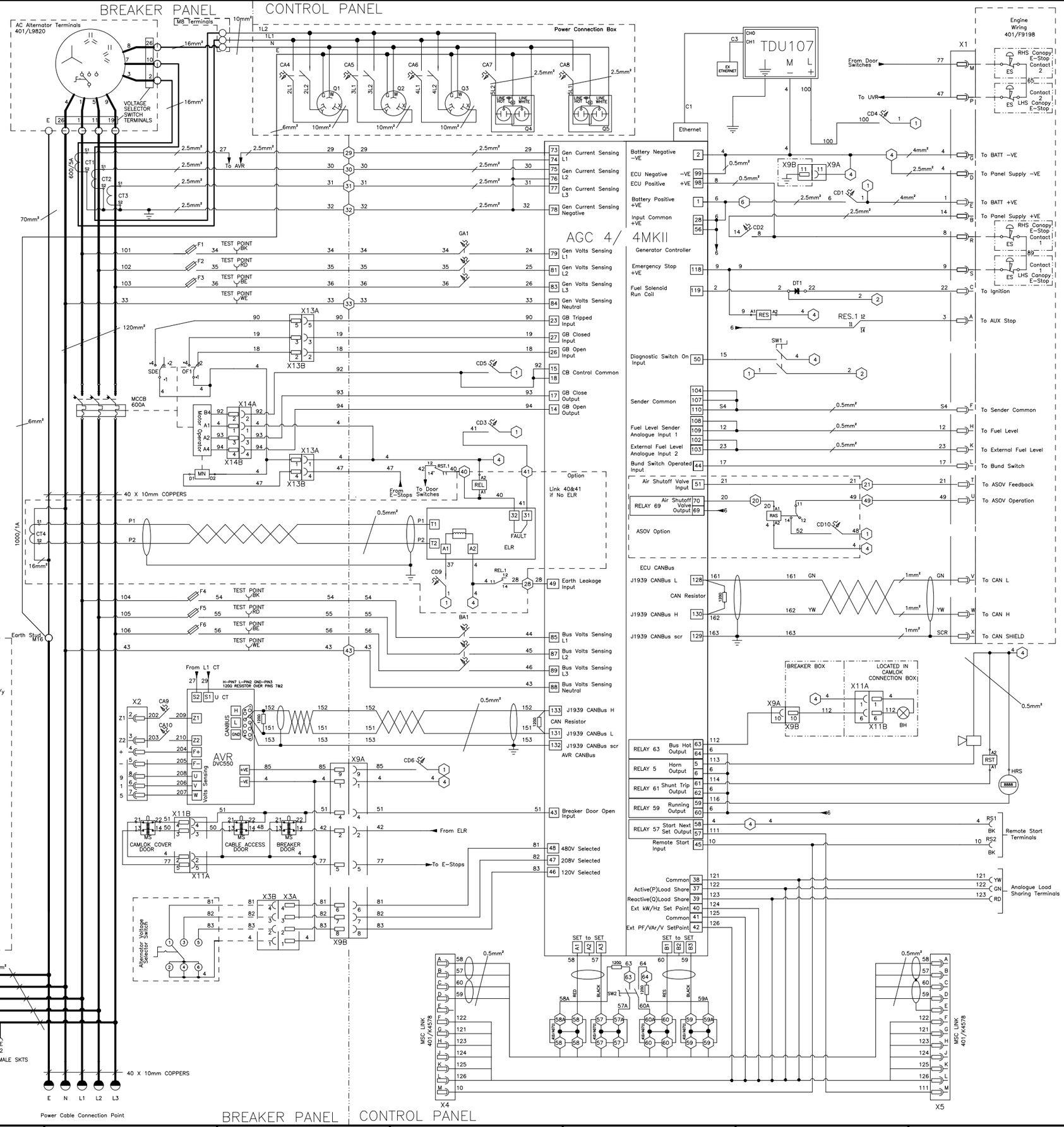
1 Permanent Live DC	MCCB Molded Case Circuit Breaker
2 Ignition Live DC	ABC Automatic Battery Charger
4 Battery Negative DC	CEH Engine Heater Contactor
RS1,RS2 Remote Start Terminals –DC	BC Battery Charger ON LED (RED)
CD1 2A MCB Controller DC Supply	EH Engine Heater ON LED (RED)
CD2 6A MCB E-Stop DC Supply	RBC Battery Charge ON Relay
CD3 2A MCB Shunt Trip (UVR) DC Supply	REH Engine Heater ON Relay
CD4 4A MCB TDU107 DC Supply	SW1 ECU Diagnostic Switch
CD5 10A MCB ACB Control DC Supply	SW2 Resistor Switch
CD6 2A MCB AVR DC Supply	AVR Automatic Voltage Regulator
CD7 2A MCB AC Indicator Lamp Supply	MS Cable Access Door Limit Switch
CD8 2A MCB CEH DC Supply	ELR Earth Leakage Relay
CD9 2A MCB ELR DC Supply	REL Earth Leakage Relay
CD10 6A MCB RAS DC Supply	RST Breaker Trip Relay
CA1 6A MCB Battery Charger AC Supply	RAS Air Shut Off Relay
CA2 20A MCB Eng Heater AC Supply	RES Emergency Stop Relay
CA3 6A MCB Alt Heater AC Supply	REX Excitation Relay
CA4 50A Twist Lock Connector Supply	ES Emergency Stop Pushbutton
CA5 50A Twist Lock Connector Supply	BH Bus Hot LED (RED)
CA6 50A Twist Lock Connector Supply	MN Under-Voltage Release Coil
CA7 15A MCB GFCI Connector Supply	OF1 Breaker Status Auxiliary
CA8 15A MCB GFCI Connector Supply	SDE Breaker Tripped Auxiliary
F1 2A Fuse Terminal	1200 120 Ohm Resistor
F2 2A Fuse Terminal	X1 Engine Loom Connector
F3 2A Fuse Terminal	X2 Alternator AVR Connector
F4 2A Fuse Terminal	X3A/B Voltage Selector Switch Connector
F5 2A Fuse Terminal	X4 Set to Set Connector 1
F6 2A Fuse Terminal	X5 Set to Set Connector 2
CT1 CT2 CT3 Gen Current Transformers	X6 Remote Control Panel Connector
CT4 Earth Leakage Toroid	X9 Breaker Connector (Panel Side)
GA1 2A Gen Voltage Sensing	X11A/B CAMLOK Box Connector
BA1 2A Bus Voltage Sensing	X13A/B Breaker Aux Connector
IS 40A 110V BC Supply Inlet Socket	X14A/B Breaker Motor Connector
IS2 40A 110V EH Supply Inlet Socket	FTR EMC Filter
Q1 50A Twist Lock	CA9 6A MCB AVR Supply
Q2 50A Twist Lock	CA10 6A MCB AVR Supply
Q3 50A Twist Lock	
Q4 15A GFCI	
Q5 15A GFCI	
DT1 Diode Terminal	



Note: Cable identification numbers on the manufactured looms with a letter after the number are a continuation of the same circuit on this schematic.
eg. 4a,4b,4c, etc are represented as just 4 on this schematic.

TITLE	AGC4 CONTROL SCHEMATICS		
SCALE	NTS		
SHEET	1		
DRAWING NO.			ISSUE
401/G9344			9

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