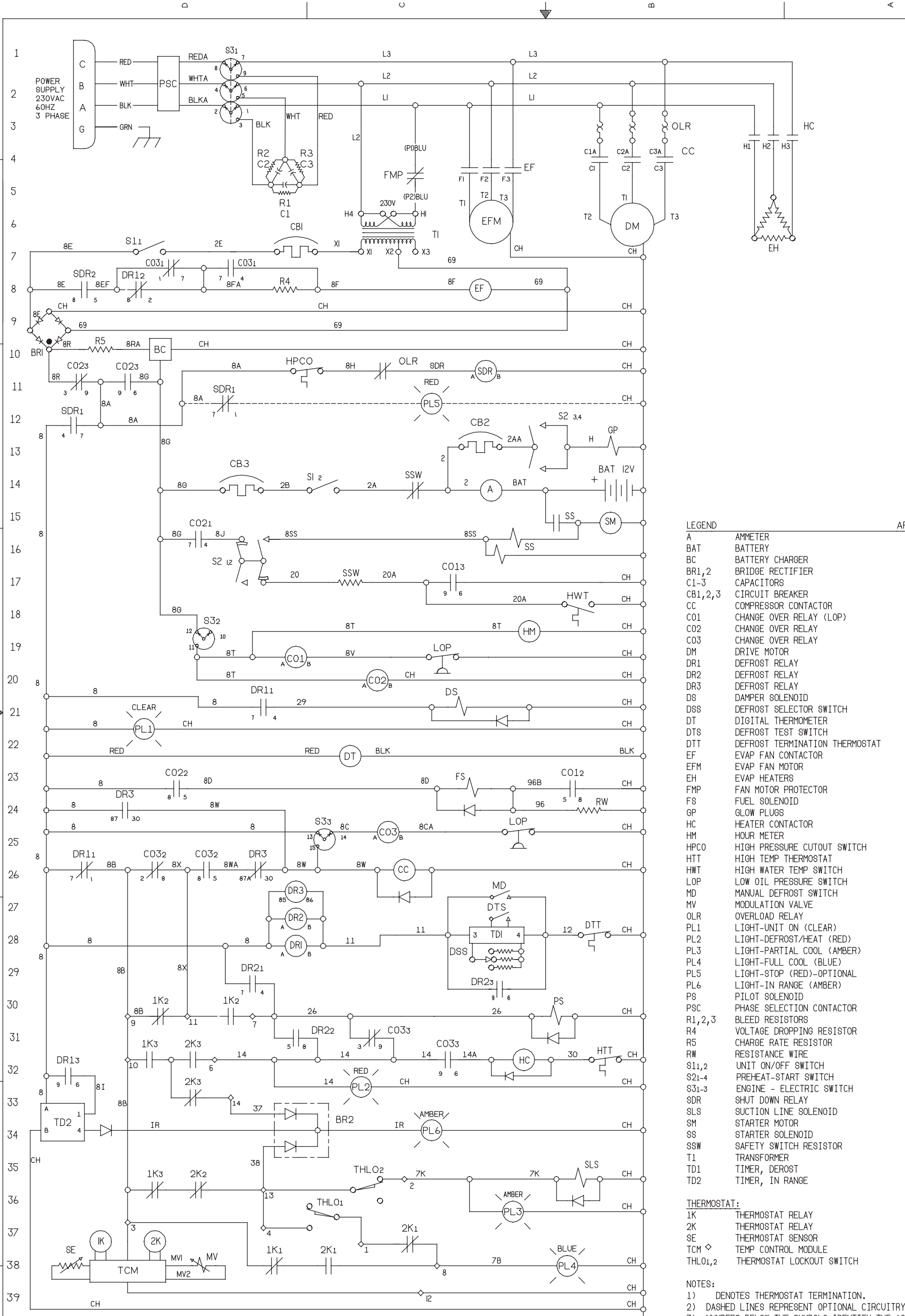


SCHEMATIC DIAGRAM
CD II - 230 VAC

DATE	BY	CHKD	APP'D	REV
8/8/85	M. YAHNKE	DGB	SH	
8/27/85				
8/27/85				

REVISIONS

NO.	DATE	BY	DESCRIPTION
52516	8/8/85	MY	RELEASED
52644	9/12/85	MY	REMOVED CAPACITORS 4-6 FROM DRIVE MOTOR



LEGEND	AREA
A	AMMETER 15
BAT	BATTERY 15
BC	BATTERY CHARGER 10
BR1,2	BRIDGE RECTIFIER 9,34
C1-3	CAPACITORS 4,5
CB1,2,3	CIRCUIT BREAKER 7,13,15
CC	COMPRESSOR CONTACTOR 4,(26)
CO1	CHANGE OVER RELAY (LOP) 18,(20),23
CO2	CHANGE OVER RELAY 11,17,(21),23
CO3	CHANGE OVER RELAY 8,(25),26,31,32
DM	DRIVE MOTOR 6
DR1	DEFROST RELAY 8,13,26,(28),32
DR2	DEFROST RELAY (27),29,30,31
DR3	DEFROST RELAY 24,26,(27)
DS	DAMPER SOLENOID 13
DSS	DEFROST SELECTOR SWITCH 29
DT	DIGITAL THERMOMETER 22
DTS	DEFROST TEST SWITCH 29
DTT	DEFROST TERMINATION THERMOSTAT 28
EF	EVAP FAN CONTACTOR 3,(8)
EFM	EVAP FAN MOTOR 7
EH	EVAP HEATERS 6
FMP	FAN MOTOR PROTECTOR 5
FS	FUEL SOLENOID 23
GP	GLOW PLUGS 14
HC	HEATER CONTACTOR 4,(32)
HM	HOOR METER 20
HPCO	HIGH PRESSURE CUTOUT SWITCH 11
HTT	HIGH TEMP THERMOSTAT 32
HWT	HIGH WATER TEMP SWITCH 19
LOP	LOW OIL PRESSURE SWITCH 20,25
MD	MANUAL DEFROST SWITCH 27
MV	MODULATION VALVE 37
OLR	OVERLOAD RELAY 3,11
PL1	LIGHT-UNIT ON (CLEAR) 22
PL2	LIGHT-DEFROST/HEAT (RED) 33
PL3	LIGHT-PARTIAL COOL (AMBER) 36
PL4	LIGHT-FULL COOL (BLUE) 38
PL5	LIGHT-STOP (RED)-OPTIONAL 12
PL6	LIGHT-IN RANGE (AMBER) 34
PS	PILOT SOLENOID 30
PSC	PHASE SELECTION CONTACTOR 2
R1,2,3	BLEED RESISTORS 4,5
R4	VOLTAGE DROPPING RESISTOR 8
R5	CHARGE RATE RESISTOR 10
RW	RESISTANCE WIRE 24
S11,2	UNIT ON/OFF SWITCH 7,15
S21-4	PREHEAT-START SWITCH 14,17
S31-3	ENGINE - ELECTRIC SWITCH 2,20,25
SDR	SHUT DOWN RELAY 8,(11),12
SLS	SUCTION LINE SOLENOID 35
SM	STARTER MOTOR 16
SS	STARTER SOLENOID 16,17
SSW	SAFETY SWITCH RESISTOR 15,18
T1	TRANSFORMER 6
TD1	TIMER, DEROST 28
TD2	TIMER, IN RANGE 34
THERMOSTAT:	
1K	THERMOSTAT RELAY 30,32,36,(37),38
2K	THERMOSTAT RELAY 32,33,36,(36),37,38
SE	THERMOSTAT SENSOR 38
TCM	TEMP CONTROL MODULE 38
THL01,2	THERMOSTAT LOCKOUT SWITCH 36,37

- NOTES:
- 1) DENOTES THERMOSTAT TERMINATION.
 - 2) DASHED LINES REPRESENT OPTIONAL CIRCUITRY.
 - 3) NUMBERS BELOW THE SYMBOLS IDENTIFY THE ACTUAL COMPONENT TERMINAL NUMBER. NUMBERS ABOVE THE SYMBOL OR LINE IDENTIFY THE COMPONENT OR CIRCUIT.
 - 4) THLO SWITCH IS DEPICTED WITH THE THERMOSTAT SETTING ABOVE THE LOCKOUT POSITION.
 - 5) ENGINE-ELECTRIC SWITCH DEPICTED IN THE ELECTRIC POSITION.

THERMOGUARD SEQUENCE - SCALED REPRESENTATION

