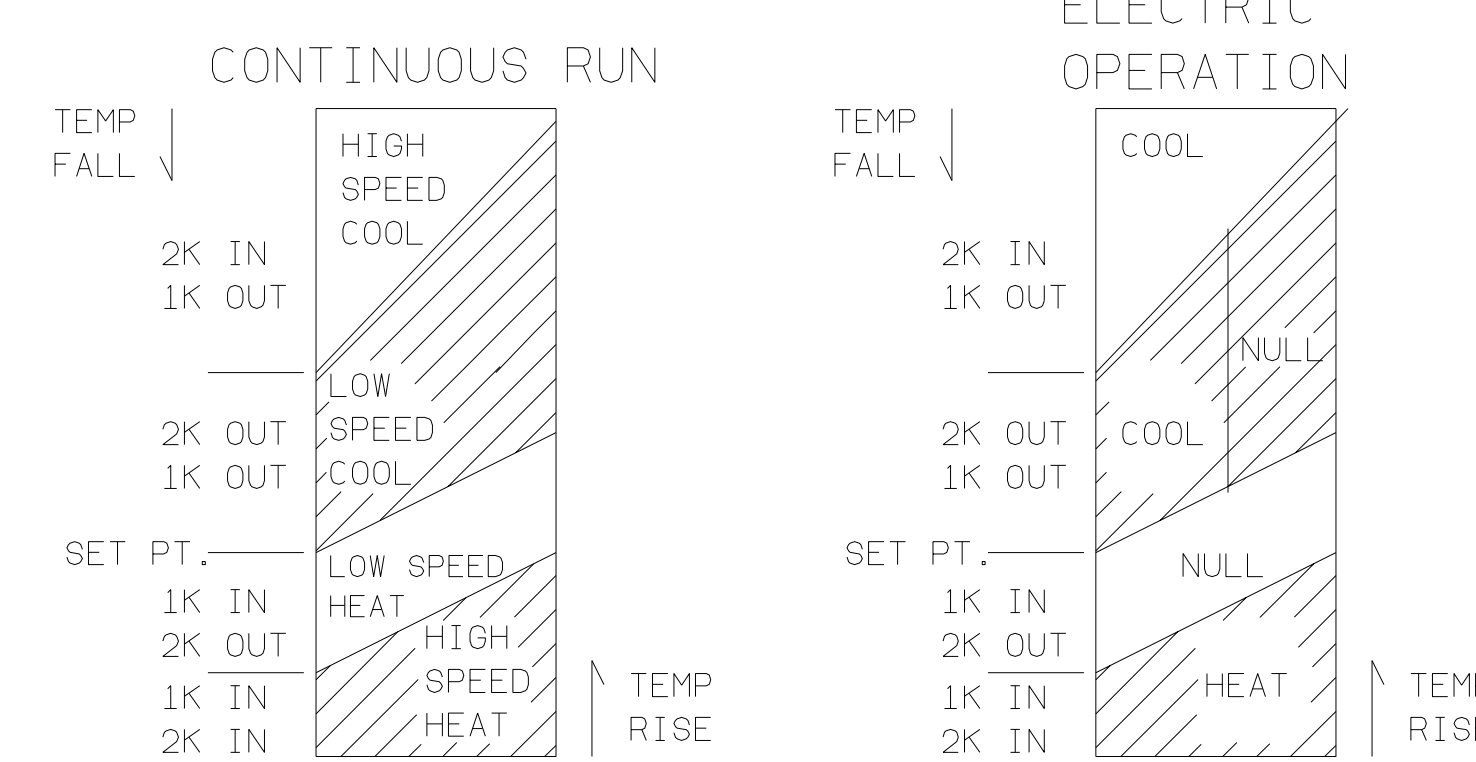


LEGEND	AREA
A	AMMETER (OPT) 10
AS	AIR SWITCH 43
ATS	AMBIENT TEMP SWITCH (OPT) 39
CB1,2	CIRCUIT BREAKER 10,10
C1-3	CAPACITOR 11,17,20
DR1-2	DEFROST RELAY 38,49
DS	DAMPER SOLENOID 49
D1-22(R)	DIODES (R - REMOTE) 4,7,15
	15,16,17,18,21
	29,29,31,32,34,39,
	40,46,49,57
ER	ELECTRIC RELAY 30,35
ERR	ENGINE RESET RELAY 43
ETS	ELECTRONIC DEFROST TERMINATION THERMOSTAT 43
FI	FUSE 60A 10
FP	FUEL PUMP 22
FPR	FUEL PUMP RELAY 5,23
FS	FUEL SOLENOID 18
FSR	FUEL SOLENOID RELAY 18,19
FSRT	FUEL SOLENOID RELAY TIMER 19
GP	GLOW PLUGS 4
HC	HEATER CONTACTOR (OPT) 38,63
HIT	HEAT INITIATION TIMER 39
HMD	HOURLY METER - DIESEL 20
HME	HOURLY METER - ELECTRIC (OPT) 26
HMT	HOURLY METER - TOTAL UNIT HOURS (OPT) 56
HPCO	HIGH PRESSURE CUTOFF SWITCH 21
HS	HEAT SOLENOID 39
HTK	HIGH TEMPERATURE CUTOFF SWITCH 38
HTS	HIGH TEMPERATURE SENSOR (EEC ONLY) 37
HWT	HIGH WATER TEMPERATURE SWITCH 28
LOP	LOW OIL PRESSURE SWITCH - ENGINE 27
LPCO	LOW PRESSURE CUTOFF SWITCH 20
MC1,2	MOTOR CONTACTOR 26,27,28,60
MSR	STARTER RELAY - MANUAL 7,9
OL	OVERLOAD RELAY 26,60
OR	ON RELAY (OPTIONAL) 11,12
PHR	PREHEAT RELAY (OPTIONAL) 5,13
PHS	PHASE SELECTOR (OPTIONAL) 58
PL	PILOT LIGHTS (R - REMOTE)
	1 - UNIT SHUTDOWN (RED) 9
	2 - ALTERNATOR FAULT (YELLOW) 15
	4R - COOL MODE (OPT) (WHITE) 31
	5R - POWER CORD WARNING (OPT) (RED) 32,57
	6R - HIGH SPEED MODE (OPT) (BLUE) 33
	7R - HEAT MODE (OPT) (AMBER) 39
	8 - DEFROST MODE (YELLOW) 51
	9R - DEFROST MODE (OPT) (TAN)
PR1,2	PHASE RELAY (OPT) 27,28,57,58
PS	PILOT SOLENOID 40
R1-11(R)	RESISTORS (R - REMOTE) 9,15,51,57
SDM	SHUT DOWN MODULE (OPT) 58
SDR	SHUT DOWN RELAY (OPT) 20,56
SM	STARTER MOTOR 9
SR	STARTER RELAY (OPT) 6,14
SS	STARTER SOLENOID 8
SWR	SAFETY SWITCH RELAY 10,29
S	SWITCHES (R - REMOTE)
	1a-d, 1R - PREHEAT/START (OPT) 3,8,14
	2,2R - ON/OFF (OPT) 10,12
	3a-dR - DIESEL/ELECTRIC 20,27,29,32
	5,5R - MANUAL DEFROST 42,43
	7R - ON/OFF SW RECPT BOX 10
TCM	TEMPERATURE CONTROL MODULE 45
	1K - THERMOSTAT RELAY HEAT/COOL 29,45
	2K - THERMOSTAT RELAY HIGH SPEED 32,46
TS	THROTTLE SOLENOID 32
UR	UNLOADING RELAY (OPT) 16,17
UT	UNLOADING TIMER (OPT) 17
VR	VOLTAGE REGULATOR 16

(RELAYS SHOWN IN LOW SPEED COOL - POWER OFF)

THERMOSTAT RELAY SEQUENCE



* USED WITHOUT REMOTE BODY BOX
 *** USED WITH REMOTE BODY BOX

DATE: 12/14/94
 CHECKED: BCR
 APPROVED: BCR
 APPROVED: CRT

DATE: 2/17/95
 CHECKED: BCR
 APPROVED: BCR
 APPROVED: CRT

DATE: 1/14/95
 CHECKED: BCR
 APPROVED: BCR
 APPROVED: CRT

SCALE: NONE

SHEET 1 OF 2

PROJ. NO. 5044874

PROJ. NAME: STD 3PH

PROJ. CODE: 5044875

PROJ. REV: C

PROJ. TITLE: MD, KD, RD, TD, SDZ

PROJ. CODE: 5044875

PROJ. CODE: 5044875

PROJ. REV: C

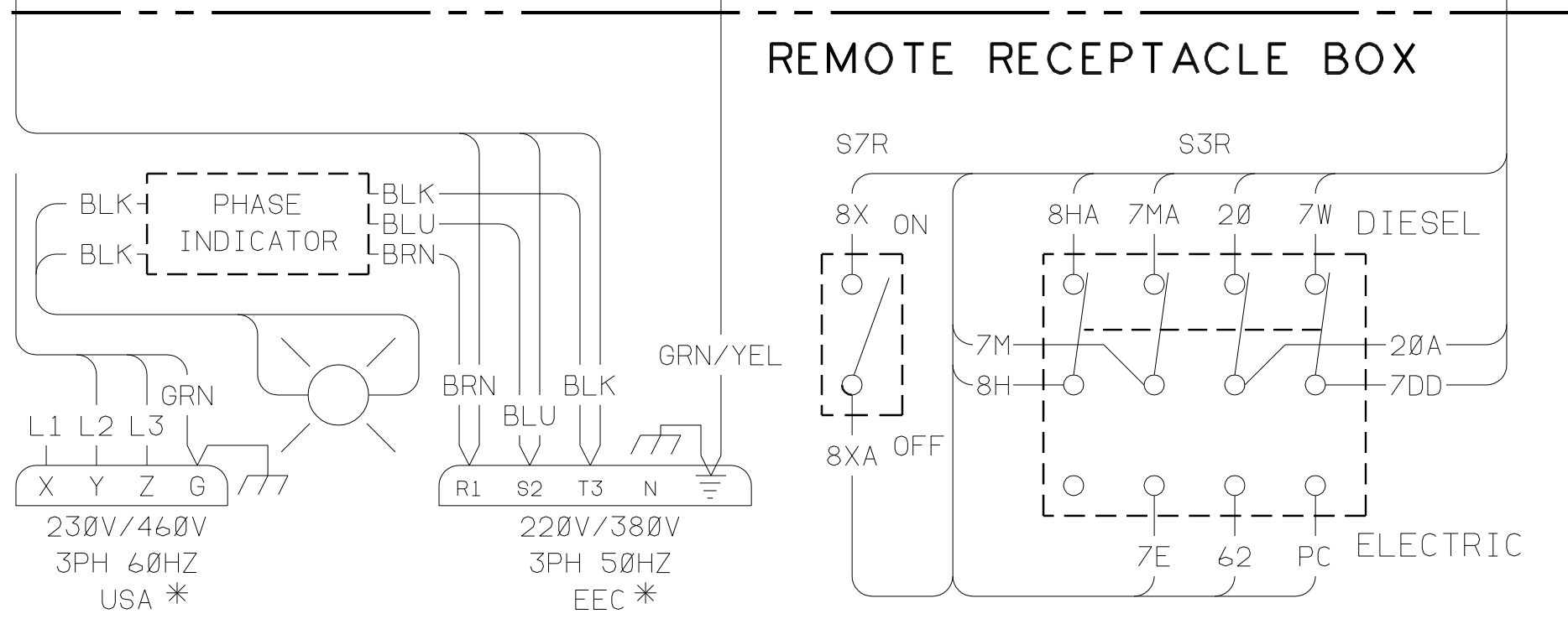
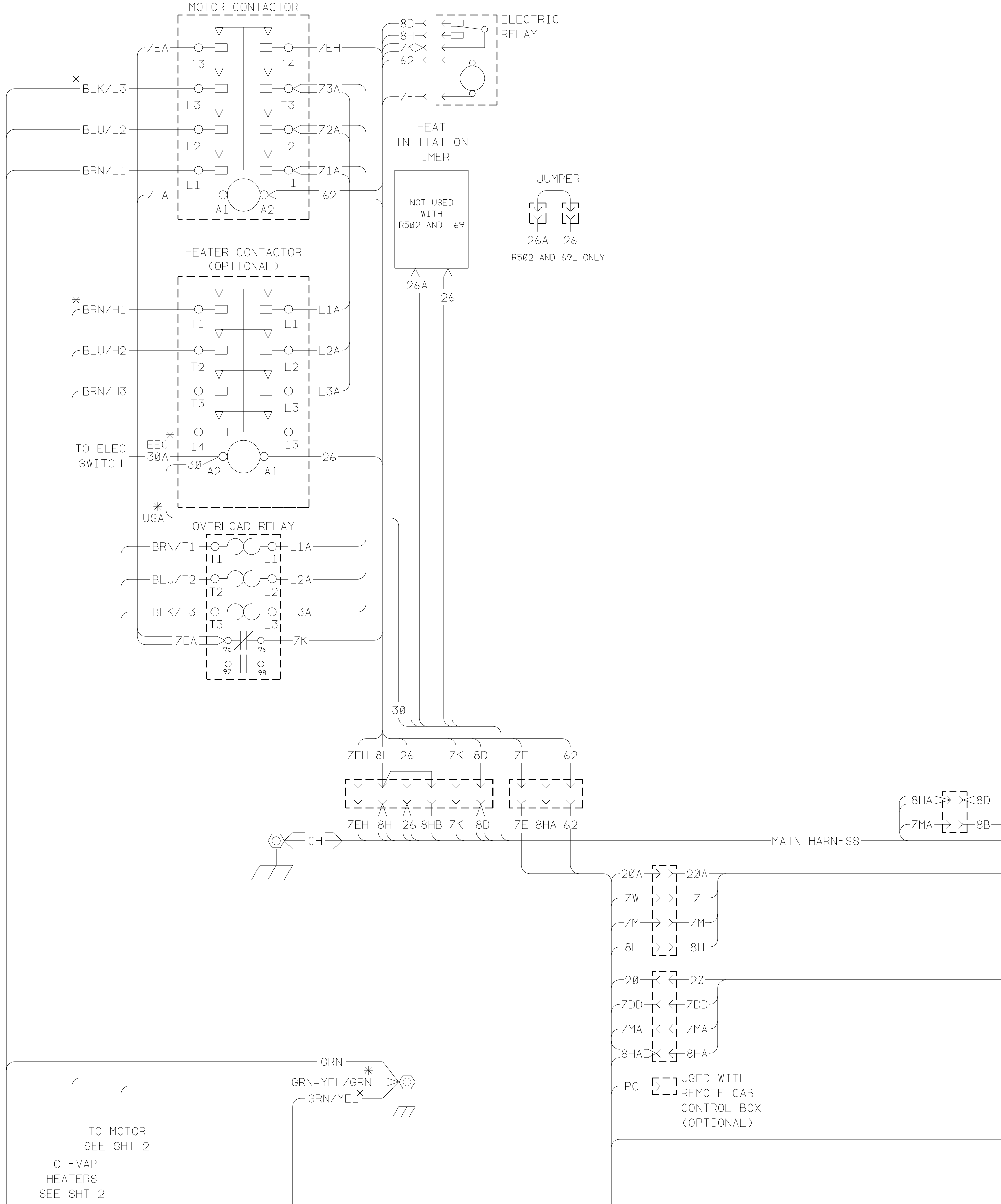
PROJ. CODE: 5044875

PROJ. REV: C

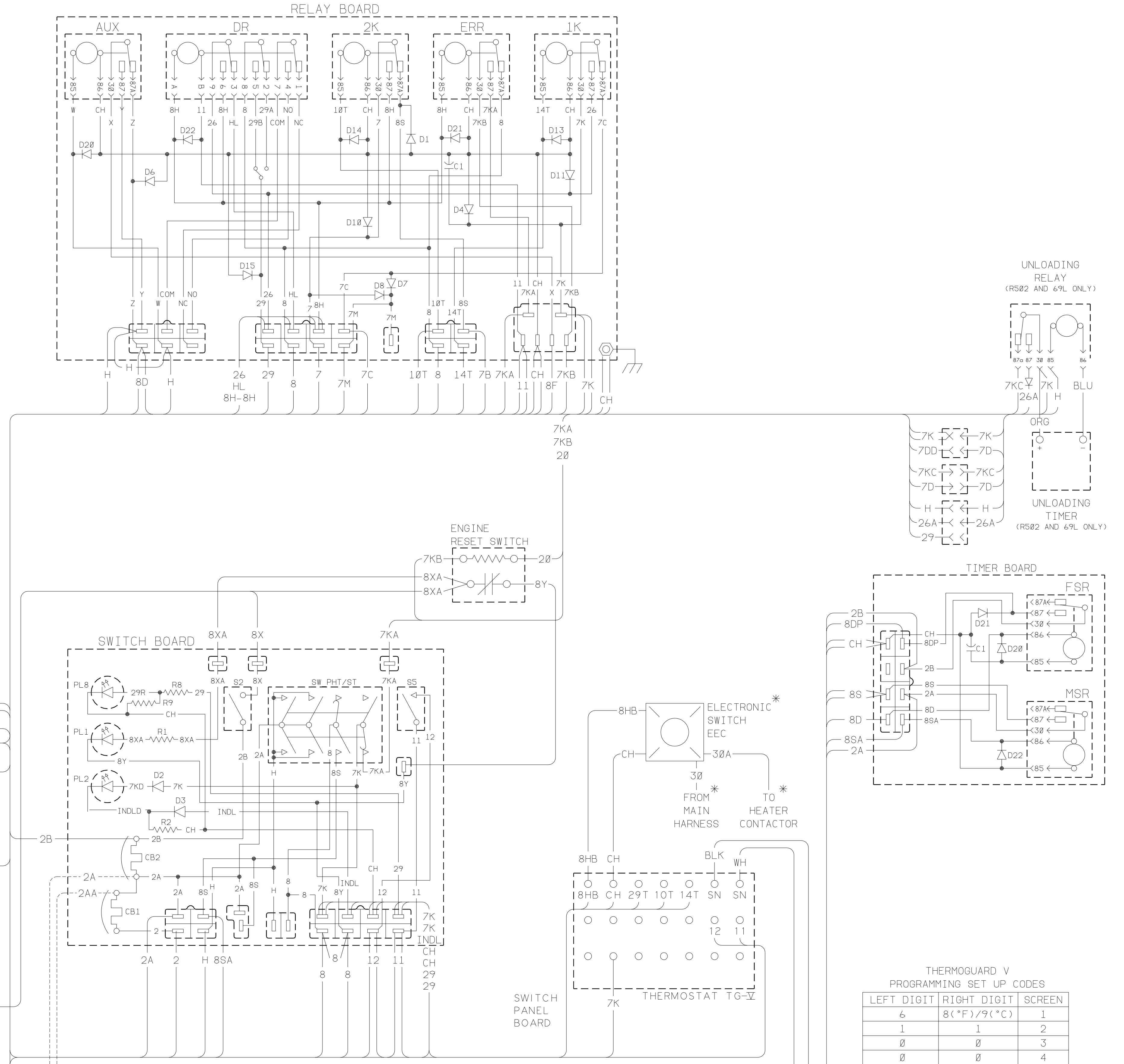
PROJ. CODE: 5044875

PROJ. REV: C

CONTROL BOX



CONTROL BOX DOOR



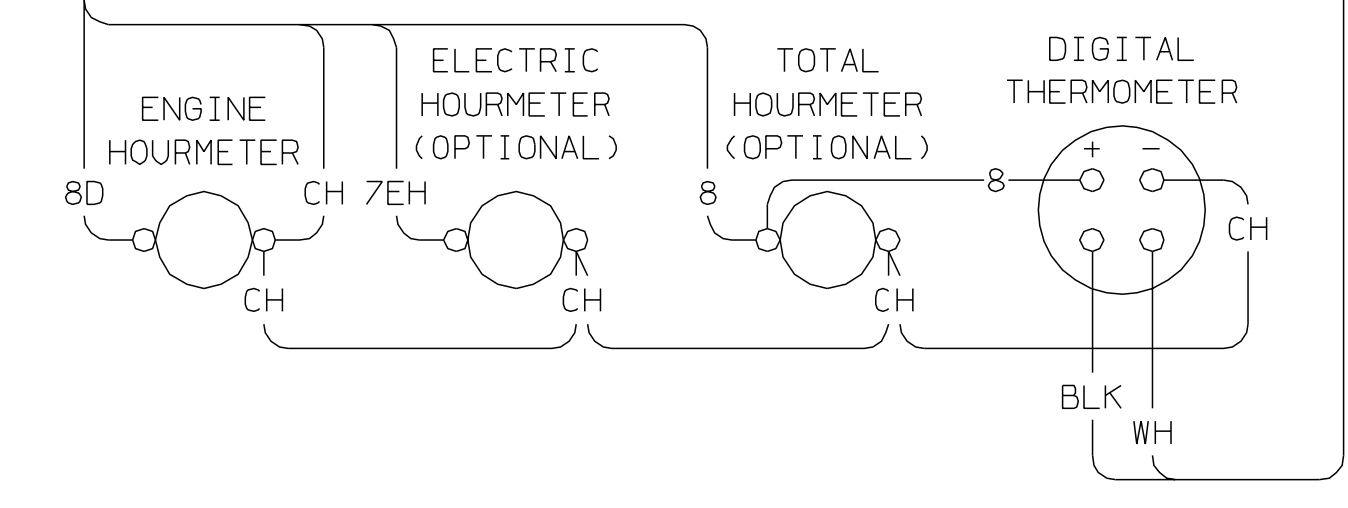
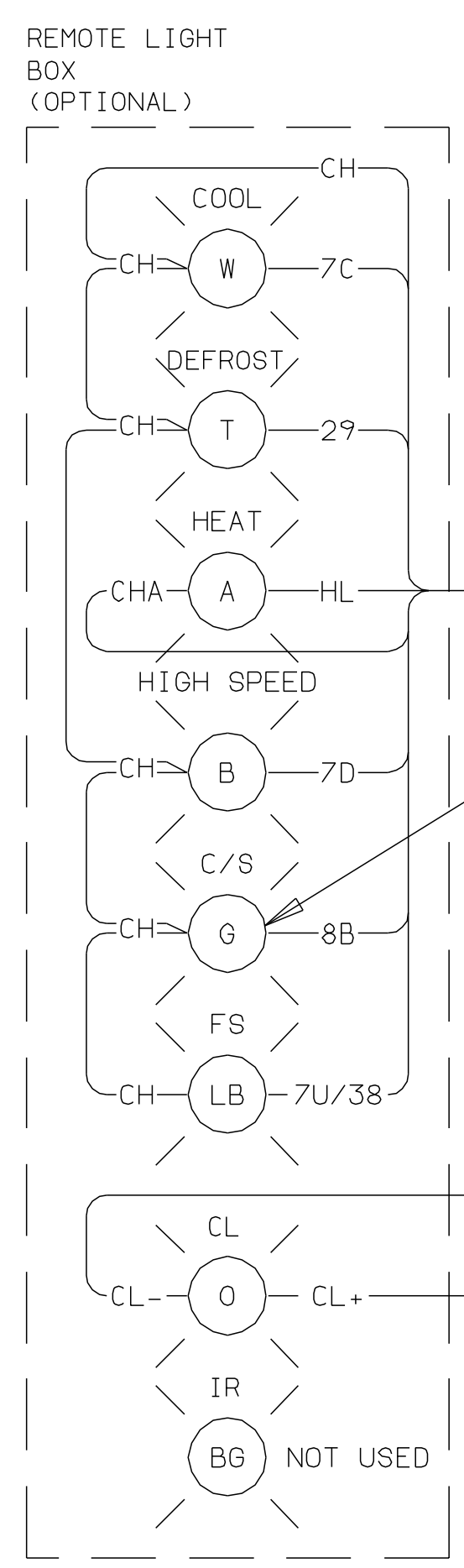
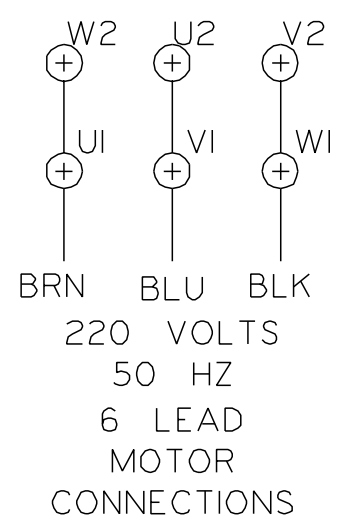
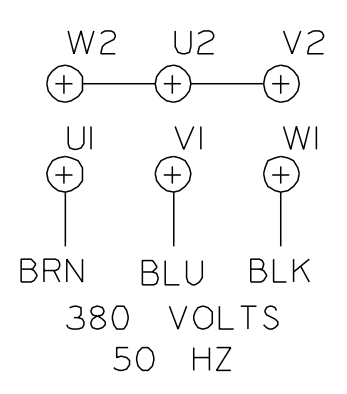
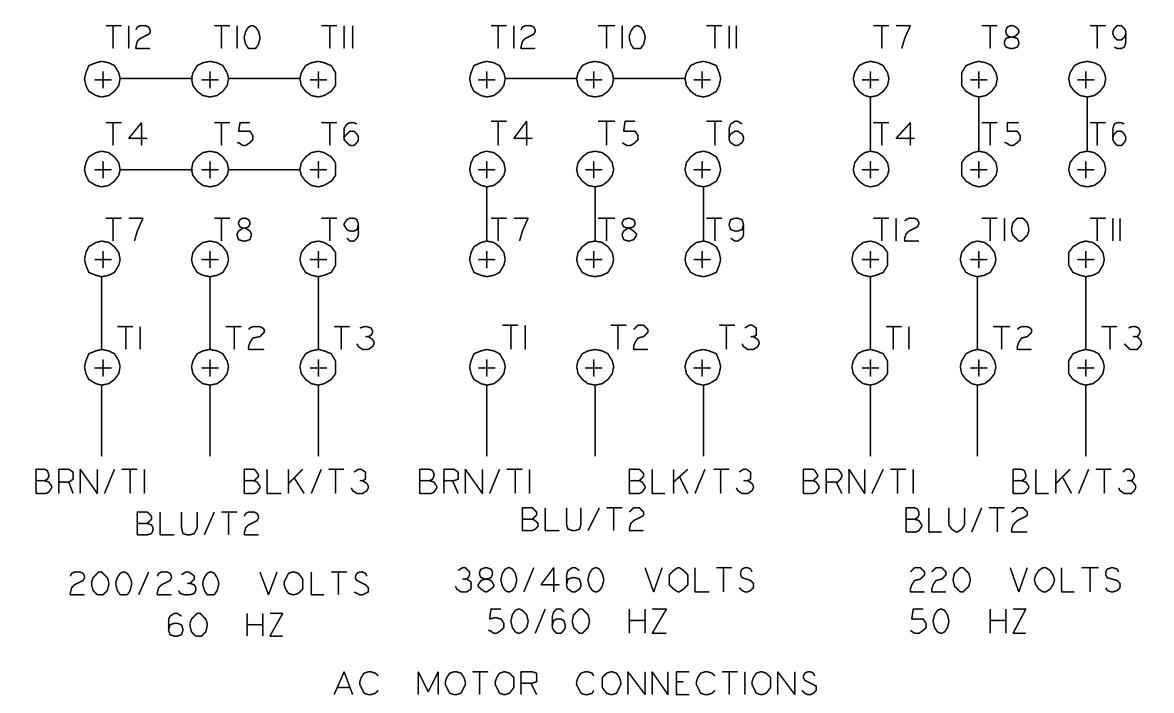
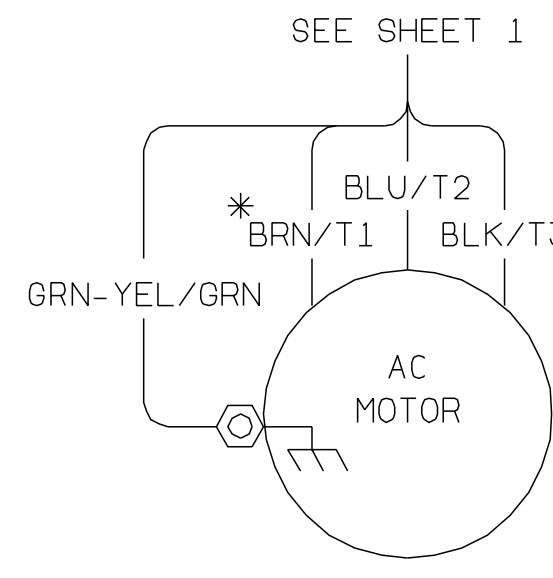
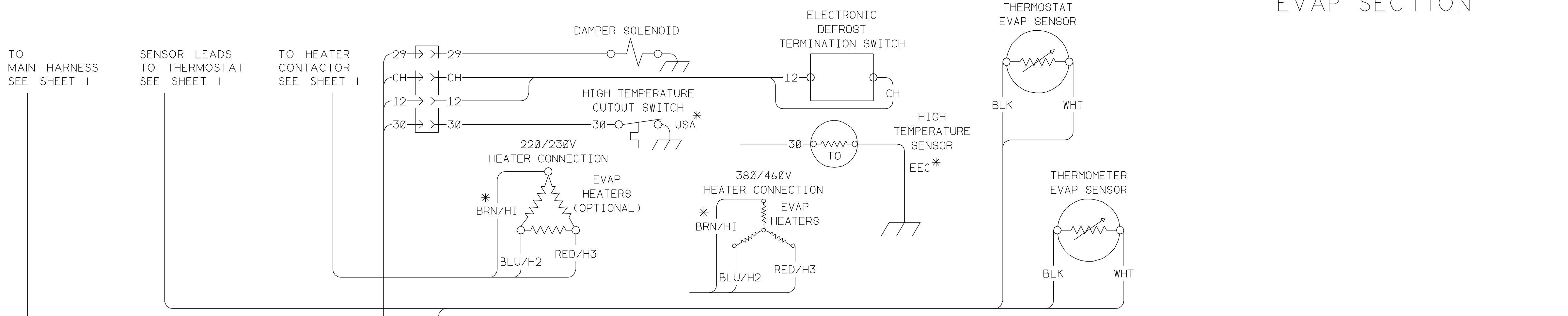
THEMOMGUARD V
PROGRAMMING SET UP CODES

LEFT DIGIT	RIGHT DIGIT	SCREEN
6	8(°F)/9(°C)	1
1	1	2
0	0	3
0	0	4
0	0	5

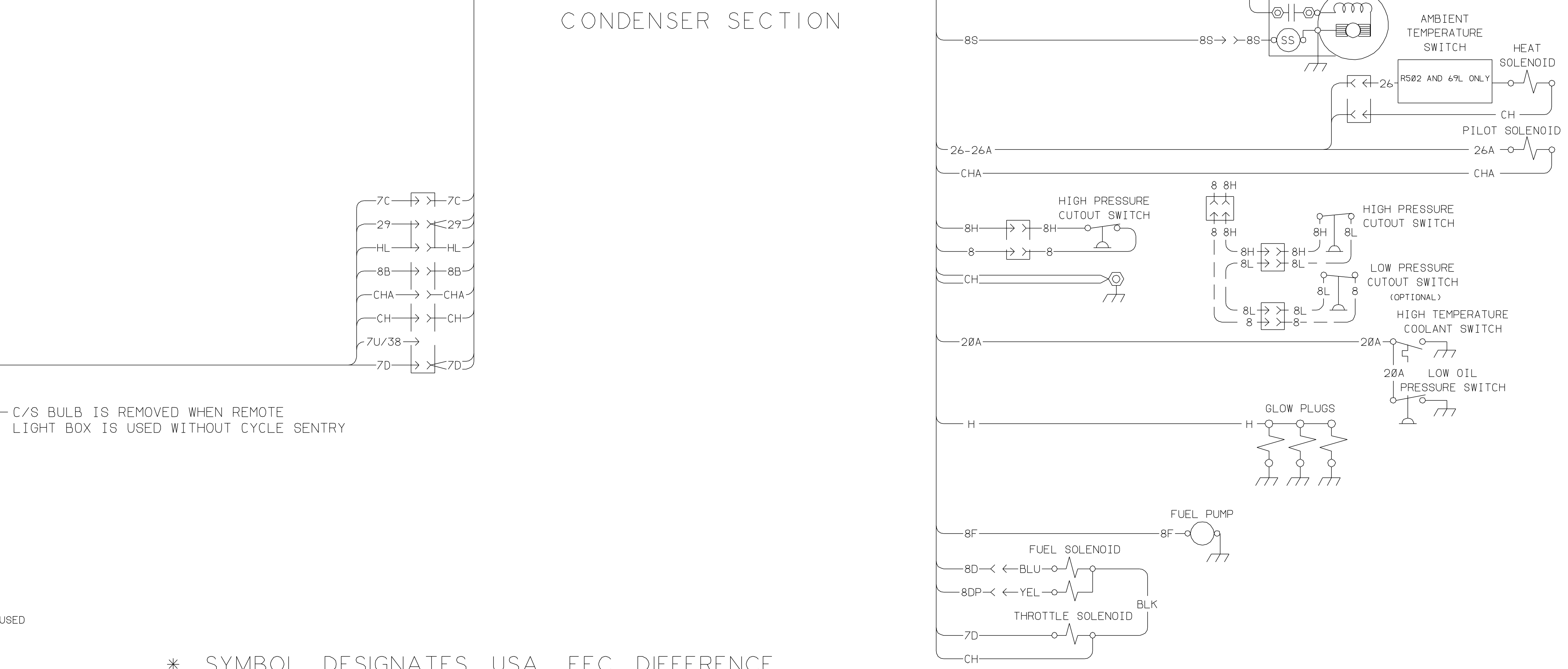
TO MAIN HARNESS
SEE SHEET 2

DRAWN: BCR CHECKED: BCR APPROVED: - APPROVED: CRT	DATE: 01/03/95 DATE: 2/17/95 DATE: 2/14/95	THERMO KING PROPRIETARY DATA THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF THE THERMO KING CORPORATION. IT IS TRANSMITTED TO YOU IN CONFIDENCE AND TRUST, AND IS TO BE RETURNED UPON REQUEST. ITS CONTENTS MAY NOT BE DISCLOSED IN WHOLE OR IN PART TO OTHERS OR USED FOR OTHER THAN THE PURPOSE FOR WHICH TRANSMITTED WITHOUT THE PRIOR WRITTEN PERMISSION OF THERMO KING CORPORATION. © THERMO KING CORPORATION	DIAGRAM-WIRING MD, KD, RD, TD-50 STD 3 PHASE	THERMO KING CORPORATION WINNEAPOLIS, MINNESOTA USA (5D44875) DRAWING NUMBER: 5D44874 REV: B
--	--	---	--	---

EVAP SECTION



CONDENSER SECTION

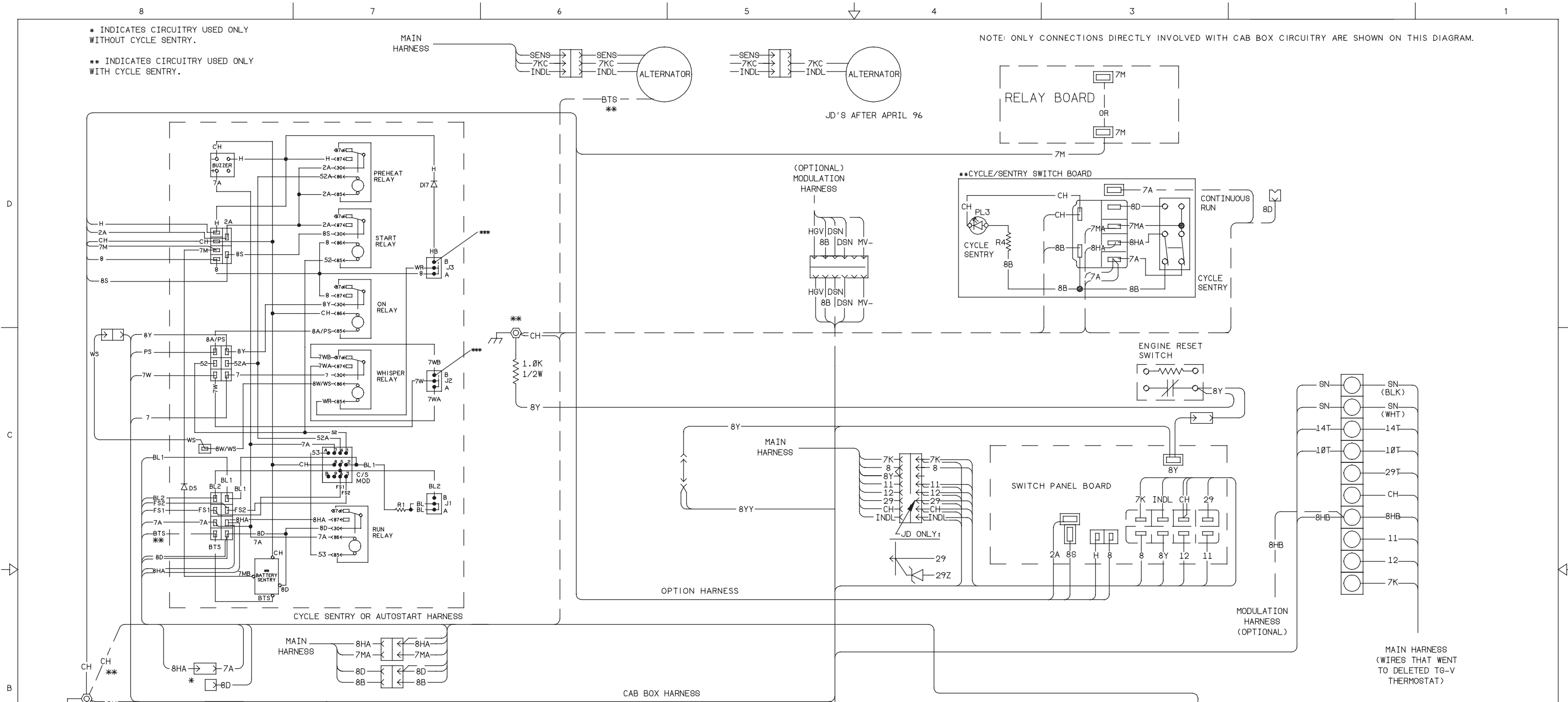


* SYMBOL DESIGNATES USA, EEC DIFFERENCE

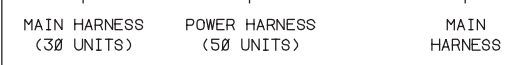
THERMO KING PROPRIETARY DATA		DATE	01/03/95	DIAGRAM-WIRING MD, KD, RD, TD-50 STD 3 PHASE	THERMO KING CORPORATION MINNEAPOLIS, MINNESOTA USA
DRAWN	BCR	SCALE	NONE		
CHECKED		SHEET	2 OF 2		
APPROVED		DRAWING NUMBER	5D44874		
THIS PRINT SUPERSEDES ANY OF EARLIER DATE DESTROY SAME.				REV	B

* INDICATES CIRCUITRY USED ONLY WITHOUT CYCLE SENTRY.
 ** INDICATES CIRCUITRY USED ONLY WITH CYCLE SENTRY.

NOTE: ONLY CONNECTIONS DIRECTLY INVOLVED WITH CAB BOX CIRCUITRY ARE SHOWN ON THIS DIAGRAM.



REMOVE '7' WIRE FROM 4-PIN MAIN HARNESS CONNECTOR AND REPLACE WITH '7W' WIRE FROM CAB BOX HARNESS. CONNECT MAIN HARNESS '7' WIRE TO CAB BOX HARNESS 1-PIN CONNECTOR.



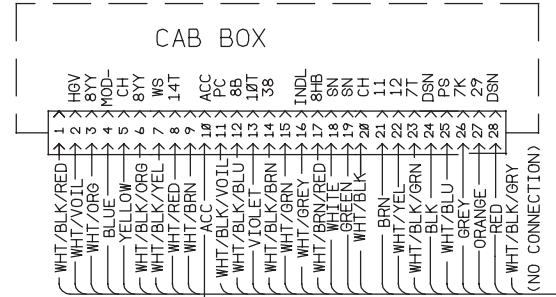
CAB BOX SCREEN CODES - MD, KD, RD, TD, SDZ

	SCREEN 0	SCREEN 2	SCREEN 5	SCREEN 8	SCREEN:0	SCREEN:5
NO MODULATION	68 •F	69 •C	11	00	00	0F
MODULATION	6E •F	6F •C	11	DR	00	0F

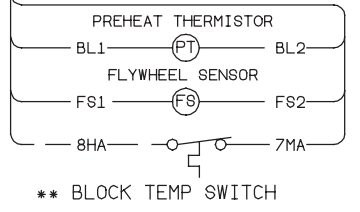
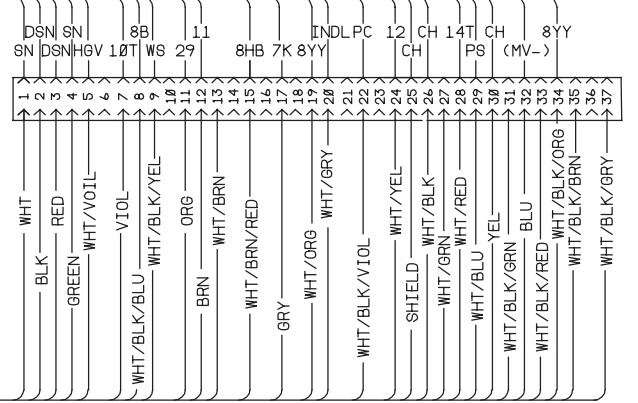
D=SENSOR GRADE (0-5) FOR DISCHARGE AIR SENSOR.
 R=SENSOR GRADE (0-5) FOR RETURN AIR SENSOR.

CAB BOX SCREEN CODES - JD

	SCREEN 0	SCREEN 2	SCREEN 5	SCREEN 8	SCREEN:0	SCREEN:5
NO MODULATION	68 •F	69 •C	11	00	01	0F



EXTENTION CABLE (35 FEET)
 TO TRUCK ACCESSORY TERMINAL



REVISIONS
 1. 08/20/92
 2. 11/9/92
 3. 11/9/92

DRAWN: FLJ
 CHECKED: TB
 APPROVED: JW

DATE: 08/20/92
 DATE: 11/9/92
 DATE: 11/9/92

DIAGRAM WIRING
 CAB BOX
 JD,MD,KD,RD,TD,SDZ

THERMO KING CORPORATION
 MINNEAPOLIS, MINNESOTA USA
 (5D40793)
 DRAWING NUMBER: 5D39622
 REV: G

SCALE: N/A
 SHEET: 1 OF 1