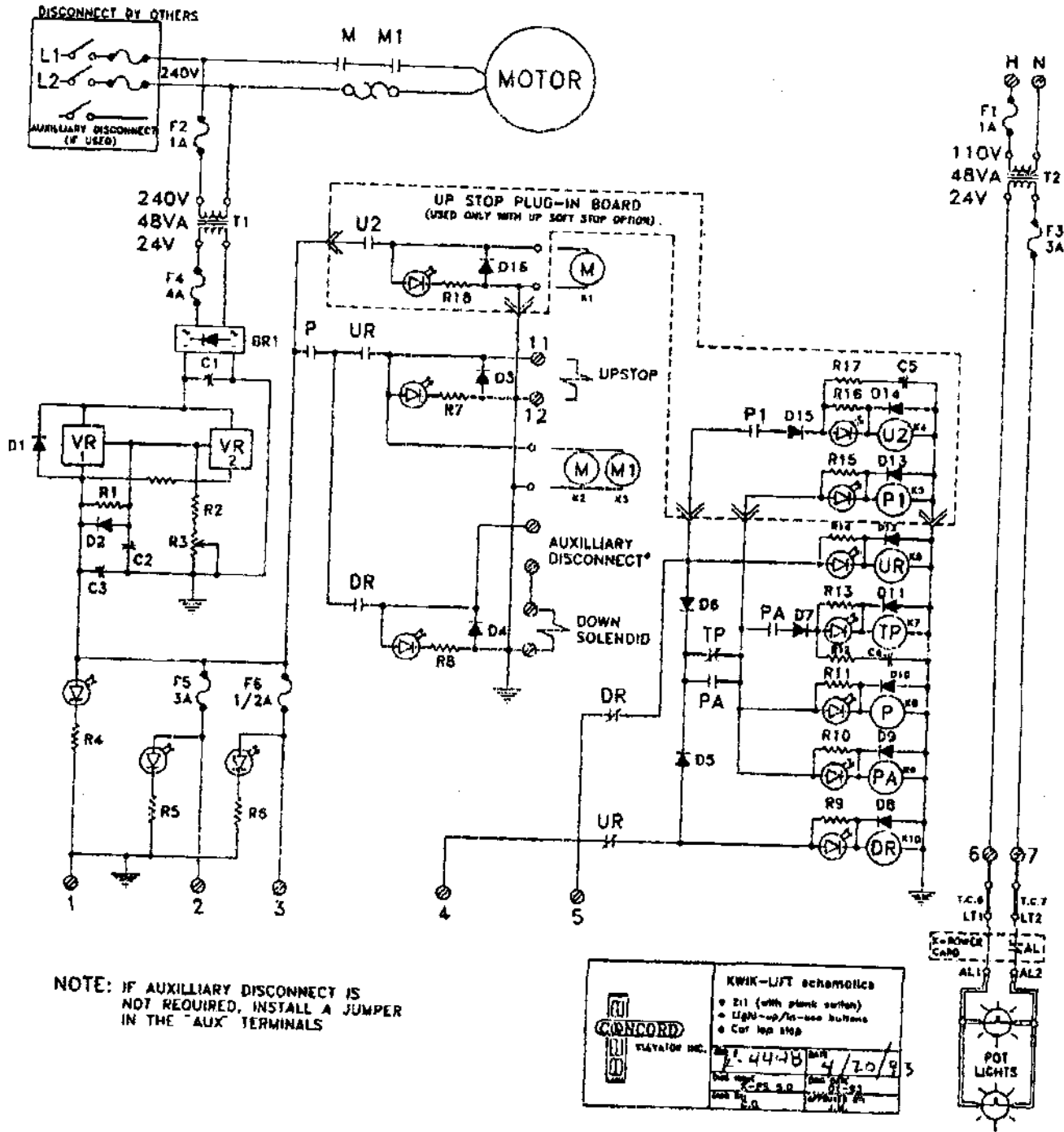


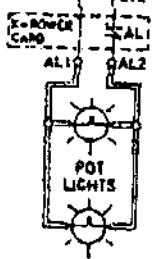
# POWER SUPPLY BOARD (K-PS)



NOTE: IF AUXILLIARY DISCONNECT IS NOT REQUIRED, INSTALL A JUMPER IN THE 'AUX' TERMINALS

**CONCORD**  
 KWIK-LIFT schematics  
 • Z11 (with plain carbon)  
 • Light-up/in-use buttons  
 • Car lap stop

Part No.	7-44-28	Rev.	4/20/95
Doc No.	CS-50	Doc No.	01-91
Doc Rev.	1.0	Doc Rev.	1.0

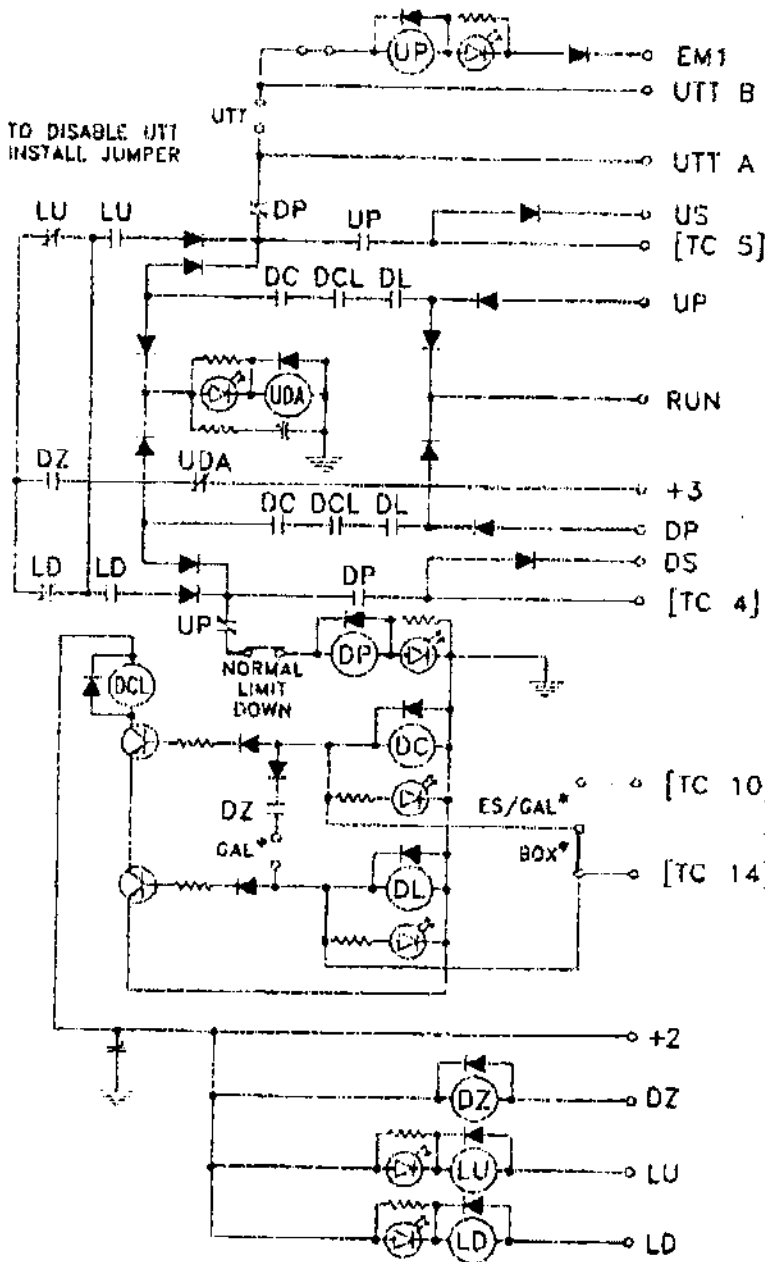




OUTPUT CARD (K-OUTPUT)

UP=UP PILOT  
 UDA=UP DOWN AUXILIARY  
 DP=DOWN PILOT  
 DCL=DOORS CLOSED AND LOCKED  
 DC=DOORS CLOSED  
 DL=DOORS LOCKED  
 DZ=DOOR ZONE  
 LU=RE-LEVEL UP  
 LD=RE-LEVEL DOWN

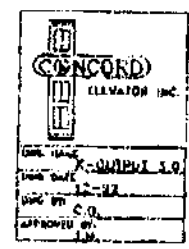
NOTE: TO DISABLE UTI  
 INSTALL JUMPER



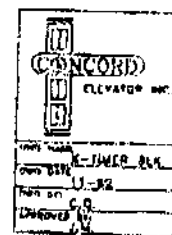
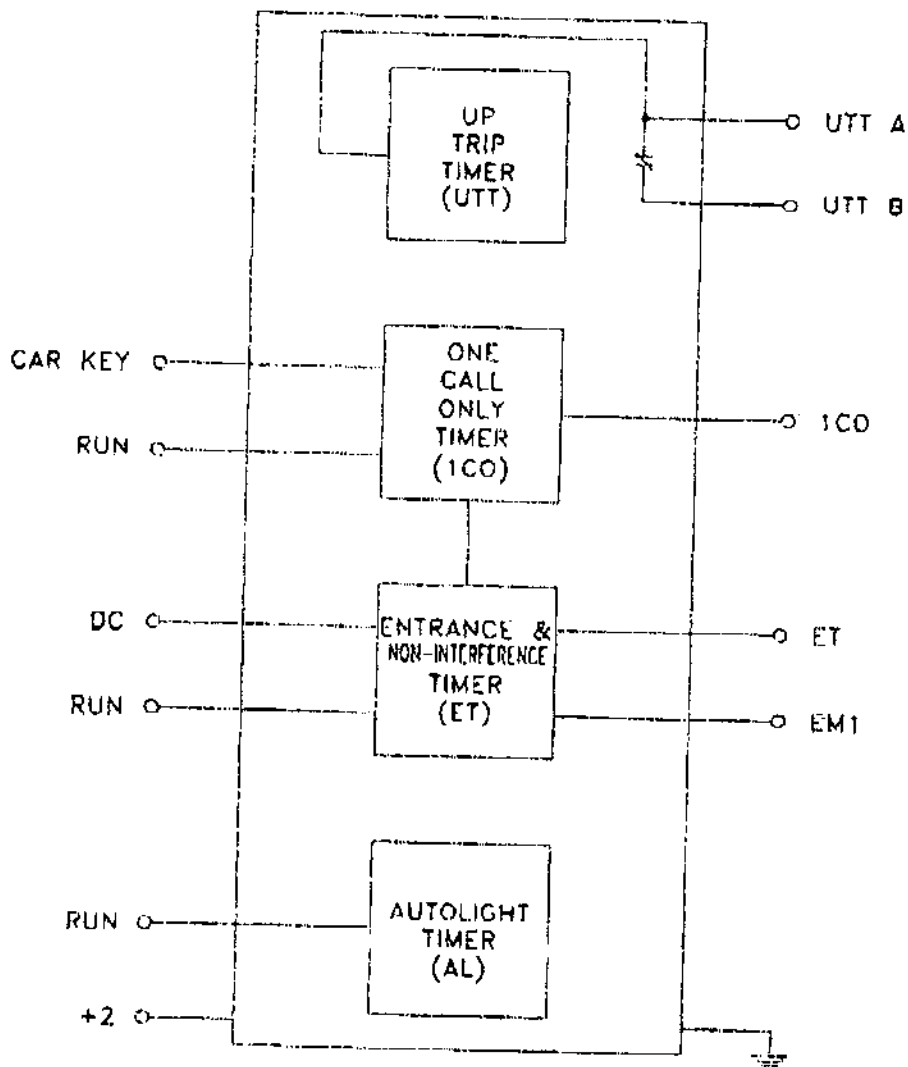
REFERENCES	
PAGES 2,5	
PAGE 4	
PAGE 4	
PAGE 6	
PAGE 6	
PAGES 2,4	
PAGES 2,6	
PAGE 4	
PAGES 2,8	
PAGE 7	
PAGE 7	
PAGES 2,4,5,8	
PAGES 2,5	
PAGE 5	
PAGE 5	

FROM INFRARED READER LOGIC CARD

\*NOTE: FACTORY JUMPERS INSTALLED AS PER ORDER FOR SPECIFIC LOCK TYPES



### TIMER CARD (K-TIME)

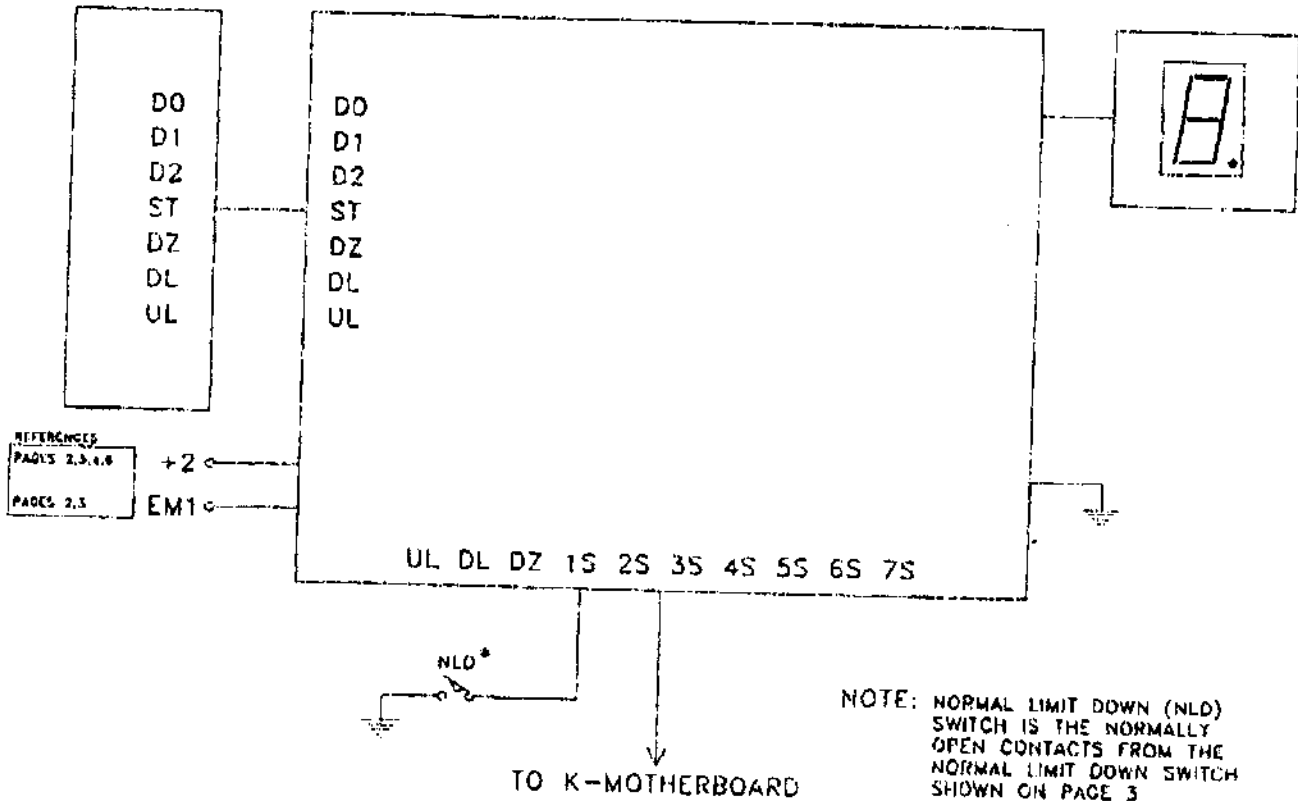


# INFRARED POSITION SENSING SYSTEM

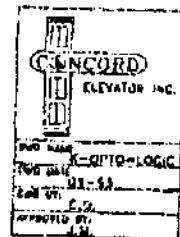
INFRARED READER BOARD  
(K-OPTO-READER)

INFRARED READER LOGIC CARD  
(K-OPTO-LOGIC)

DISPLAY BOARD

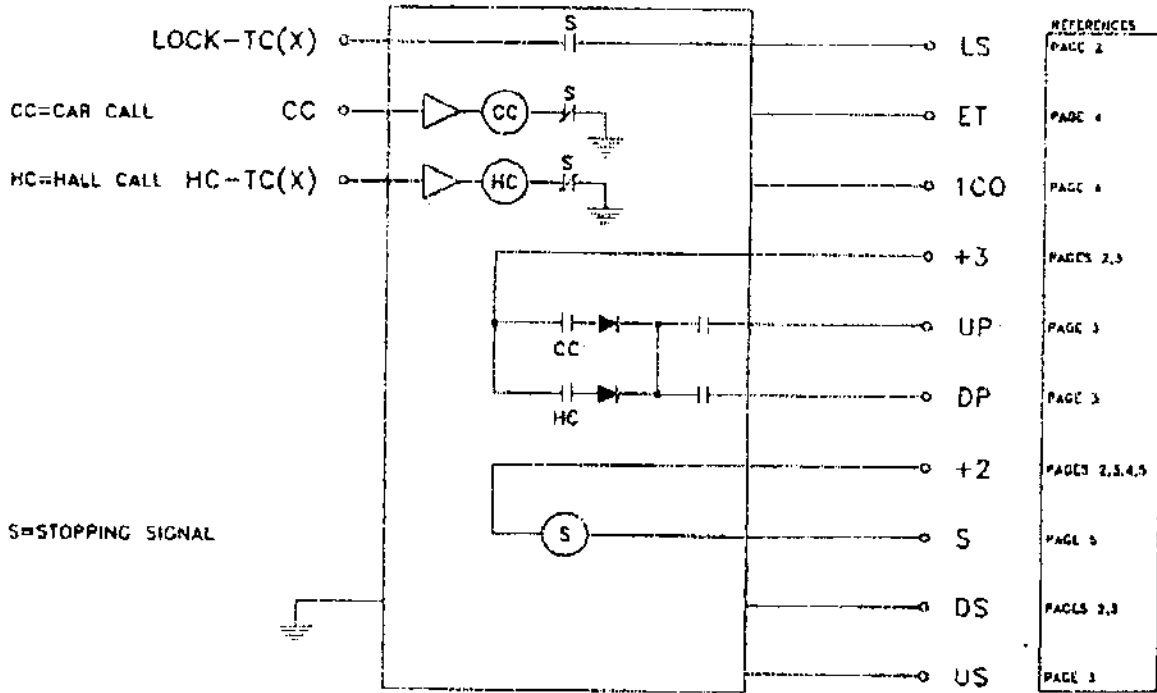


NOTE: NORMAL LIMIT DOWN (NLD) SWITCH IS THE NORMALLY OPEN CONTACTS FROM THE NORMAL LIMIT DOWN SWITCH SHOWN ON PAGE 3



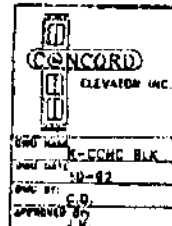
FLOOR CARDS

AUTOMATIC OR CONSTANT PRESSURE FLOOR CARDS

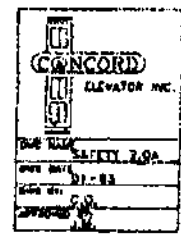
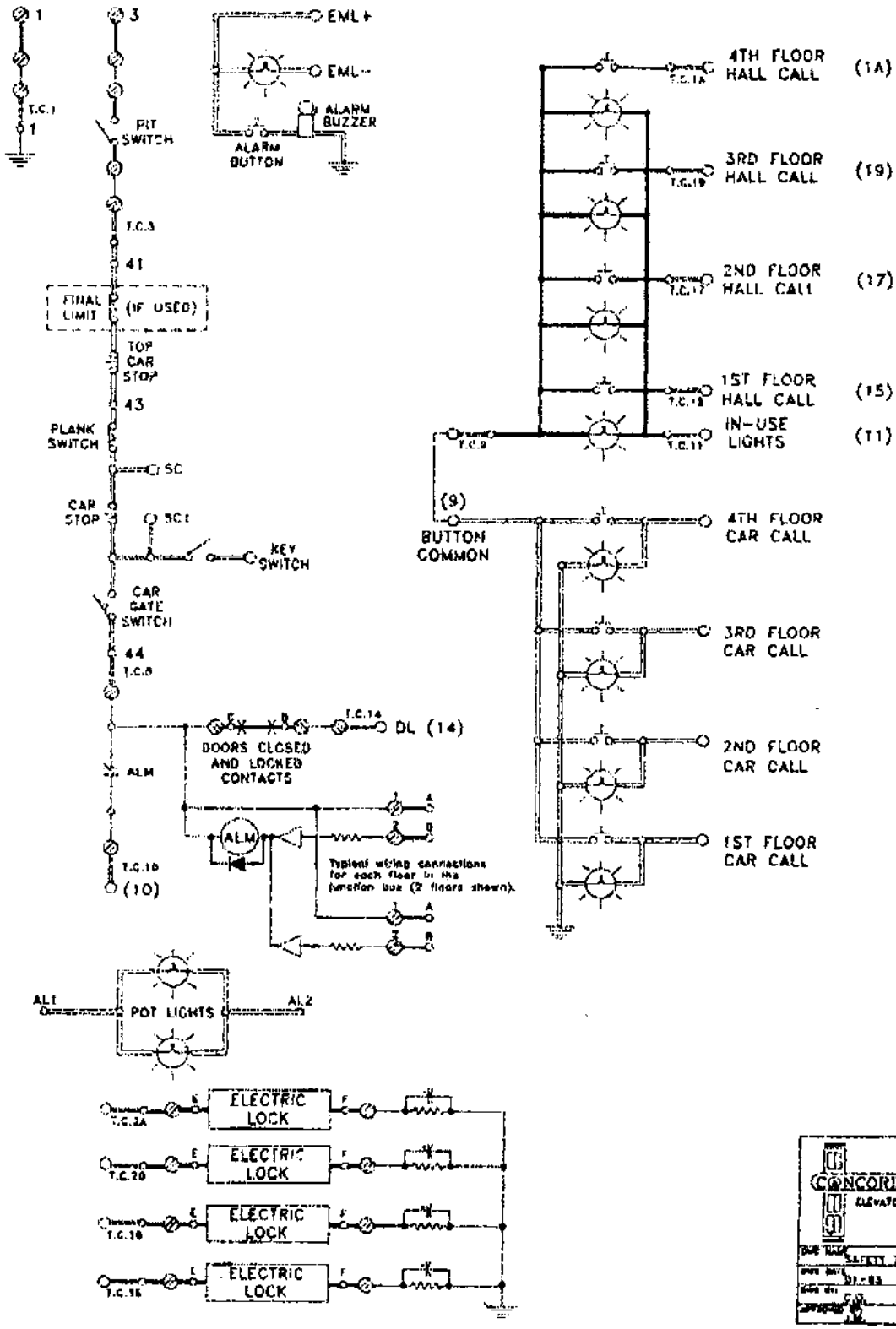


NOTE: THE TOP FLOOR CARD IS UNIQUE - MARKED K-T-CCHC  
 THE BOTTOM FLOOR CARD IS UNIQUE - MARKED K-B-CCHC  
 ALL INTERMEDIATE FLOOR CARDS ARE INTERCHANGABLE - MARKED K-M-CCHC

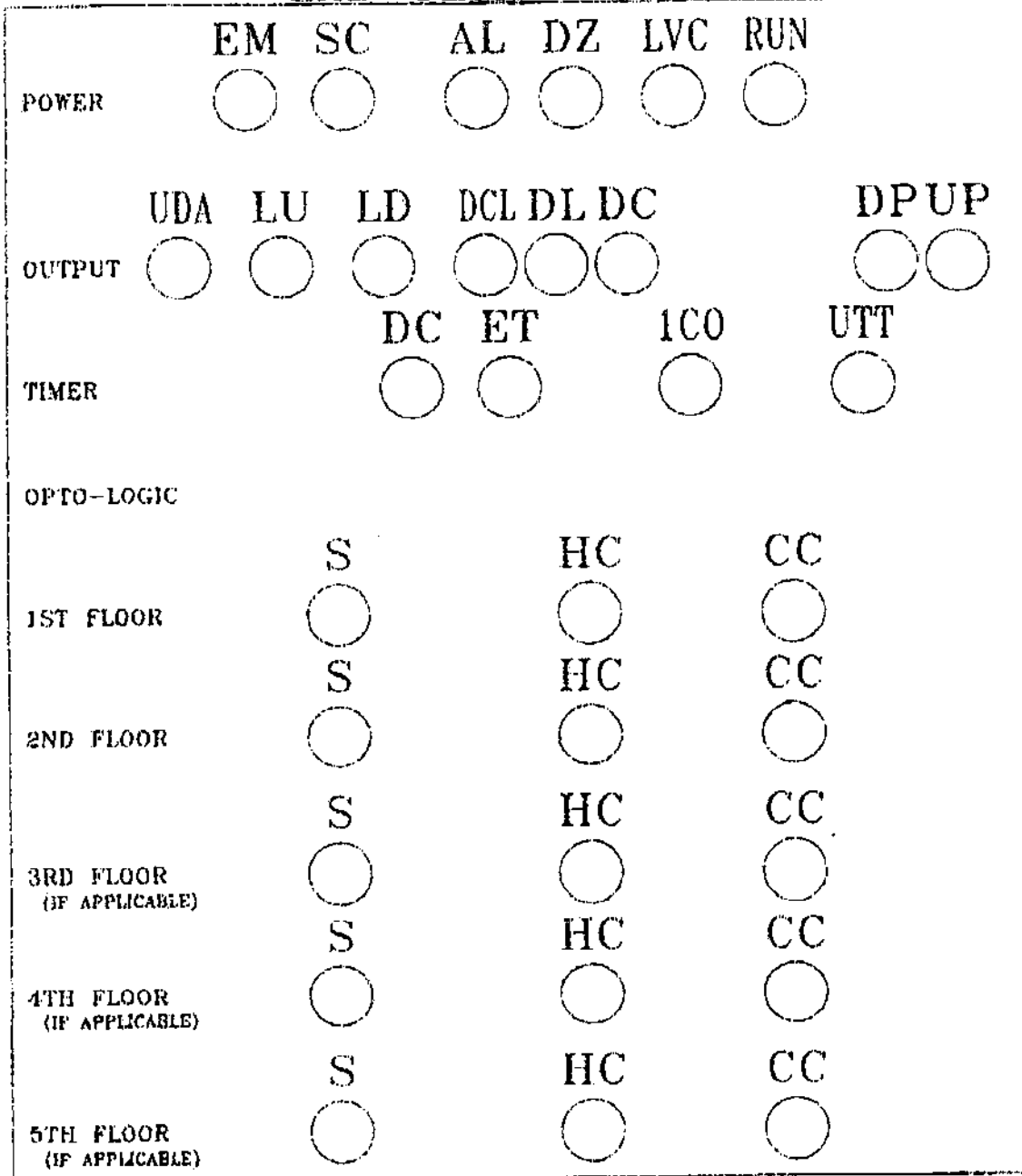
THE ABOVE DIAGRAM IS REPRESENTATIVE OF HOW THE CIRCUIT BOARD WORKS AND IS NOT MEANT TO BE AN ACTUAL SCHEMATIC




SAFETY CIRCUIT, BUTTONS & LOCKS



# LED TEMPLATE



NOTE: THIS TEMPLATE MAY BE CUT OUT AND PLACED DIRECTLY OVER THE MOTHERBOARD IN THE CONTROLLER BOX.  
 \*\*FOR TROUBLESHOOTING PURPOSES ONLY\*\*

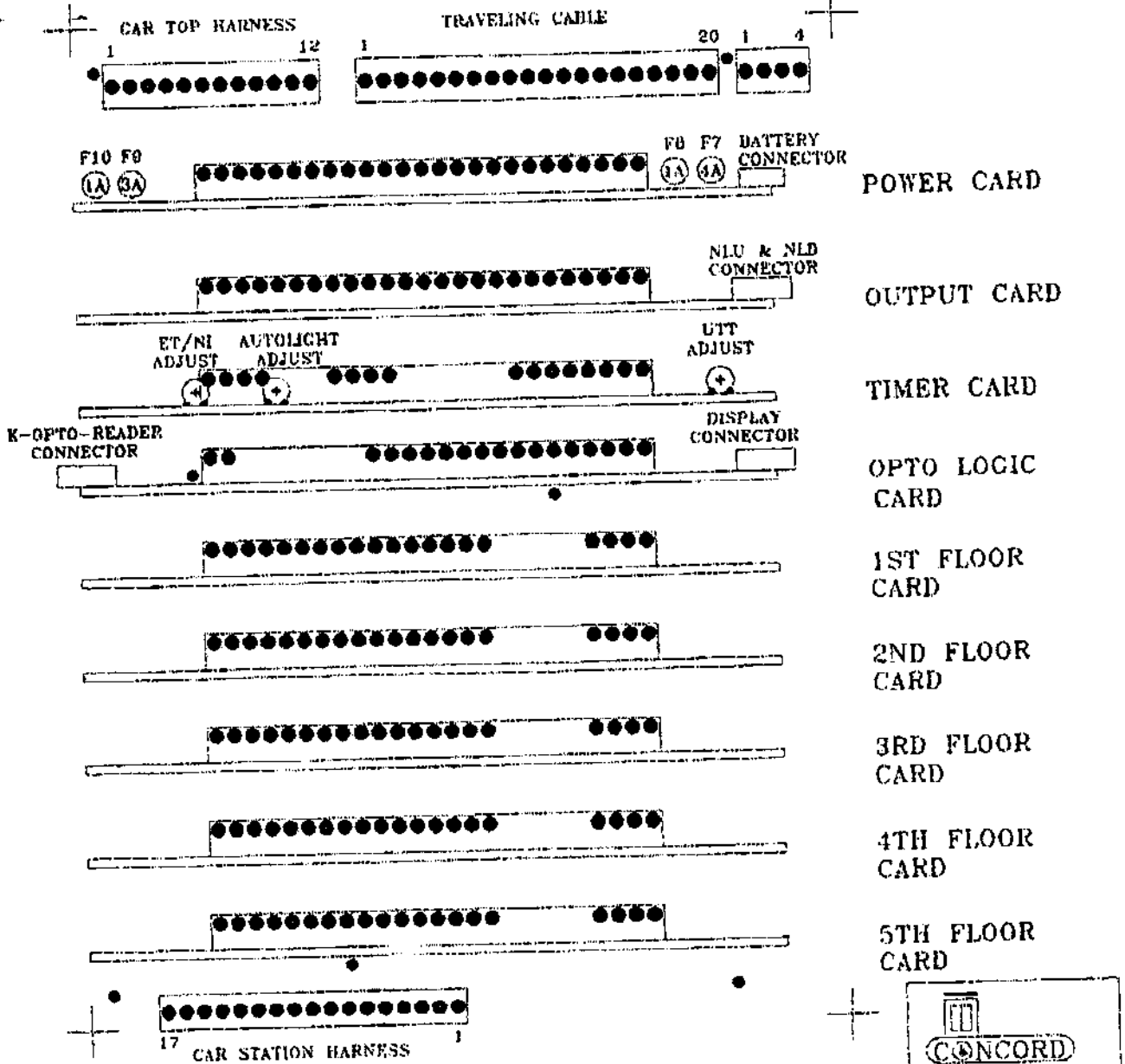


CONCORD  
ELEVATOR INC.

DWG NAME	K-JEMPLT2.1
DWG DATE	03-93
DWG BY:	C.O.
APPROVED BY:	J.M.

# MOTHERBOARD LAYOUT

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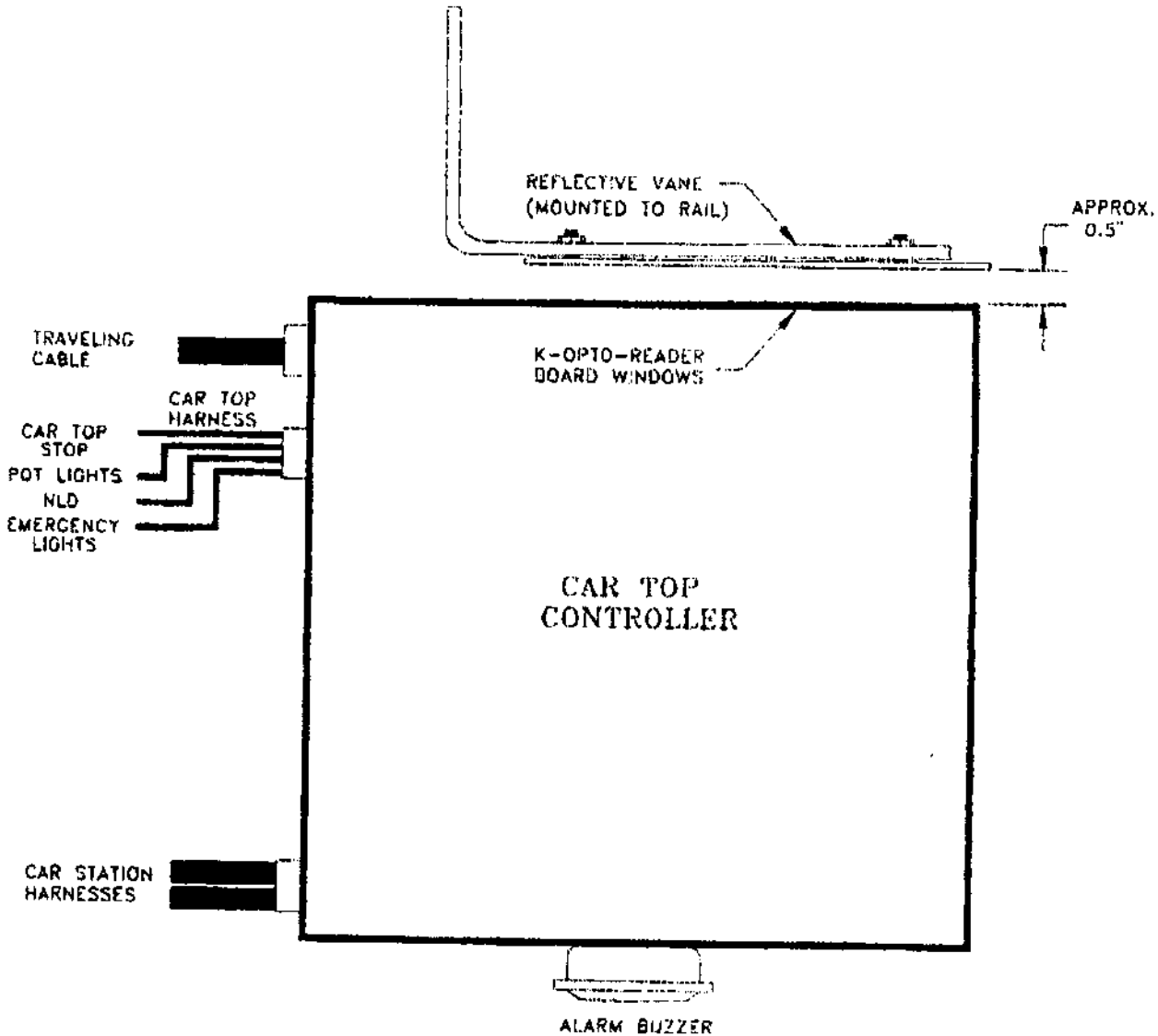
**CONCORD**

DWG NAME	KS-MOM-5
DWG DATE	11-02
DWG BY:	C.Q.
APPROVED BY:	J.M.

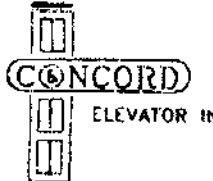


# CAR TOP CONTROLLER HARNESS DIAGRAM

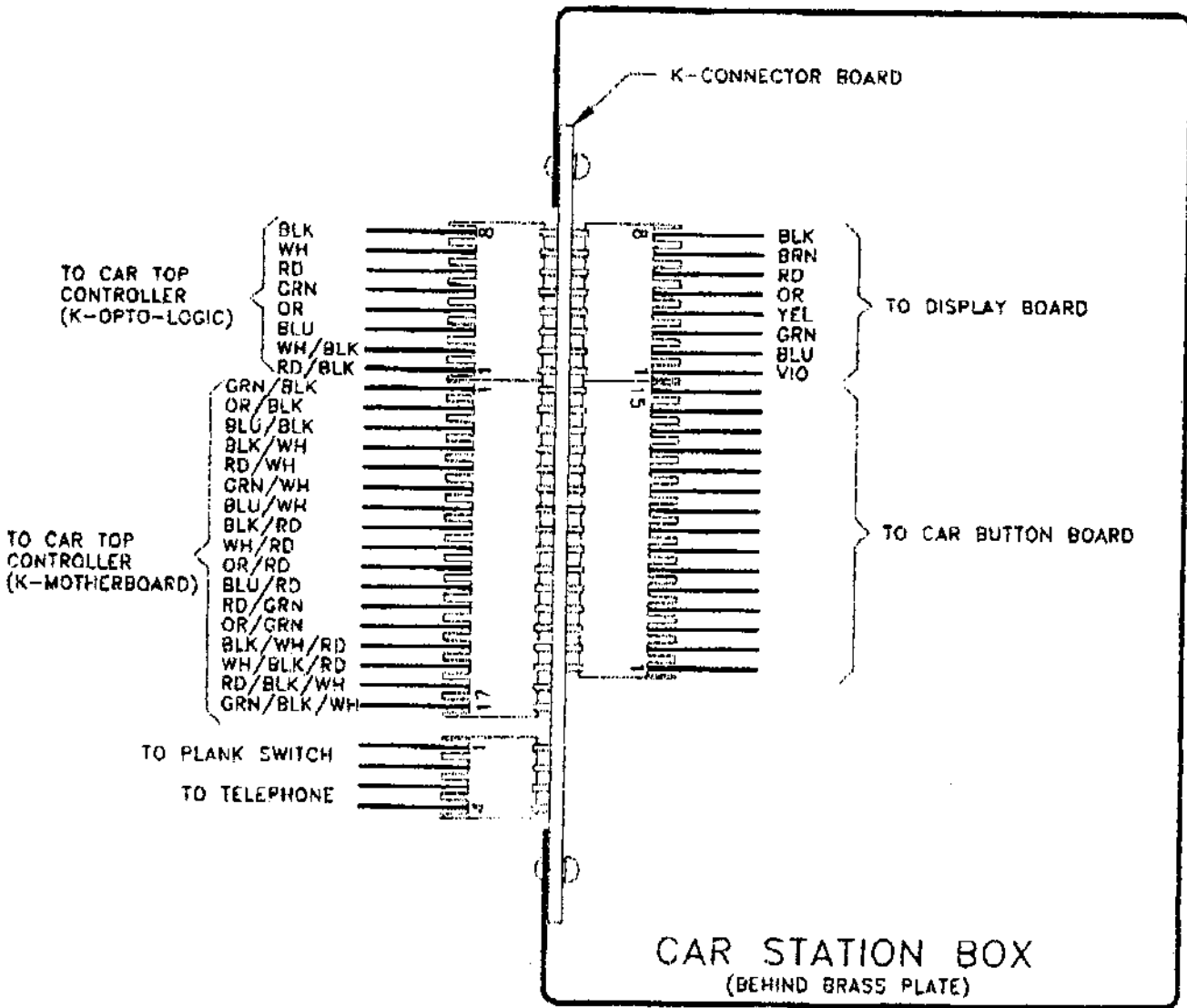
PAGE 11




NOTE: REFLECTIVE VANES MUST BE MOUNTED PARALLEL TO THE CONTROLLER BOX AND AT AN APPROXIMATE DISTANCE OF 0.5" FROM THE OUTSIDE OF THE BOX

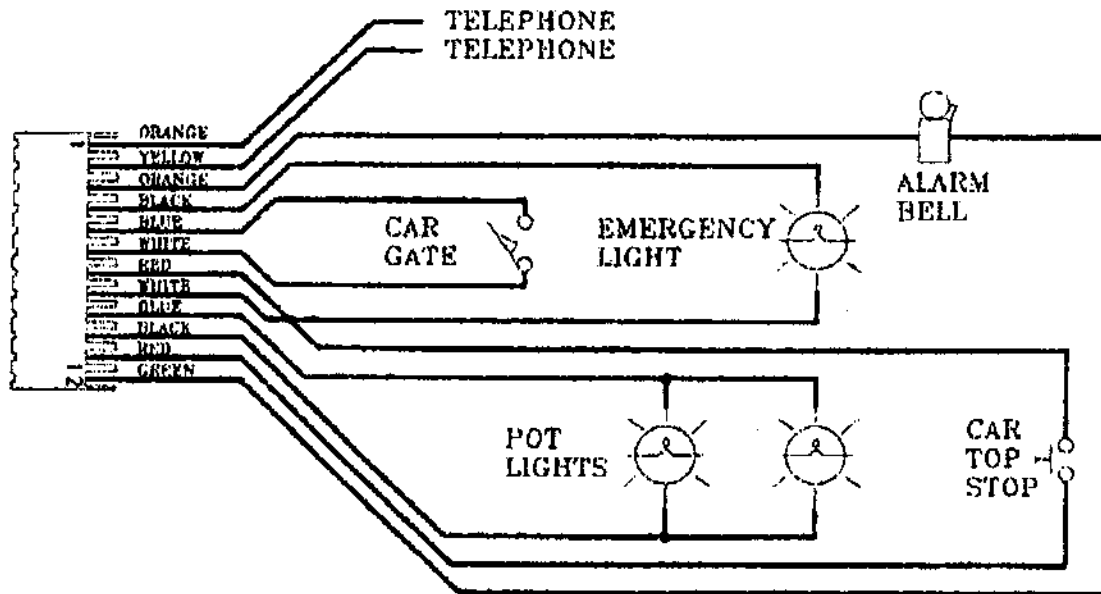
	
DWG NAME	K-CARTOP
DWG DATE	12-92
DWG BY:	C.O.
APPROVED BY:	J.M.


# CAR BUTTON WIRING CONNECTOR



	
DWG NAME	K-CARHRN
DWG DATE	11-92
DWG BY:	C.Q.
APPROVED BY:	J.M.

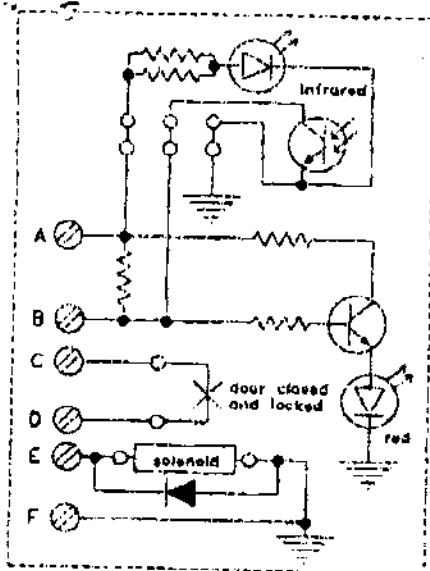
# CAR TOP HARNESS CONNECTIONS



 <b>CONCORD</b> ELEVATOR INC.	
DWG NAME	K-CARTOP
DWG DATE	12-92
DWG BY:	C.O.
APPROVED BY:	J.M.

# HALL STATION WIRING CONNECTIONS (KWIKLOCK OPTION)

PAGE 14A

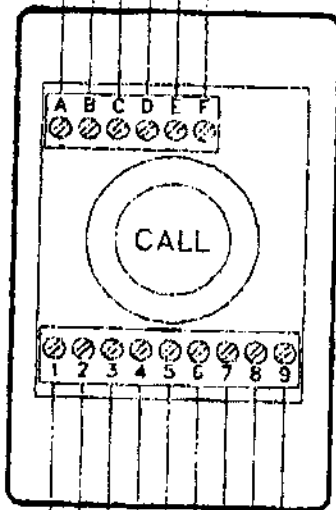
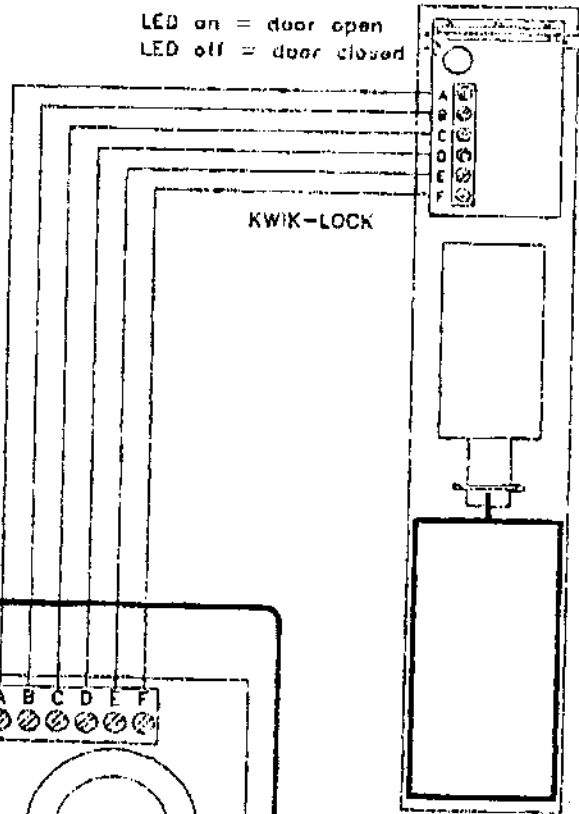


Components within the dotted line are located on the circuit board in the lock assembly

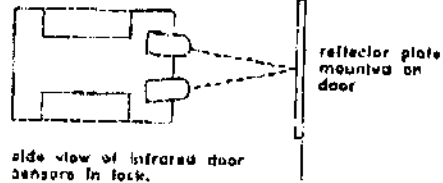
- A- +27V from T.C.B
- B- door closed/open signal
- C- door closed/locked contacts
- D- door closed/locked contacts
- E- lock solenoid +
- F- lock solenoid -


LED on = door open  
LED off = door closed

reflector mounted on door



TO JUNCTION BOX

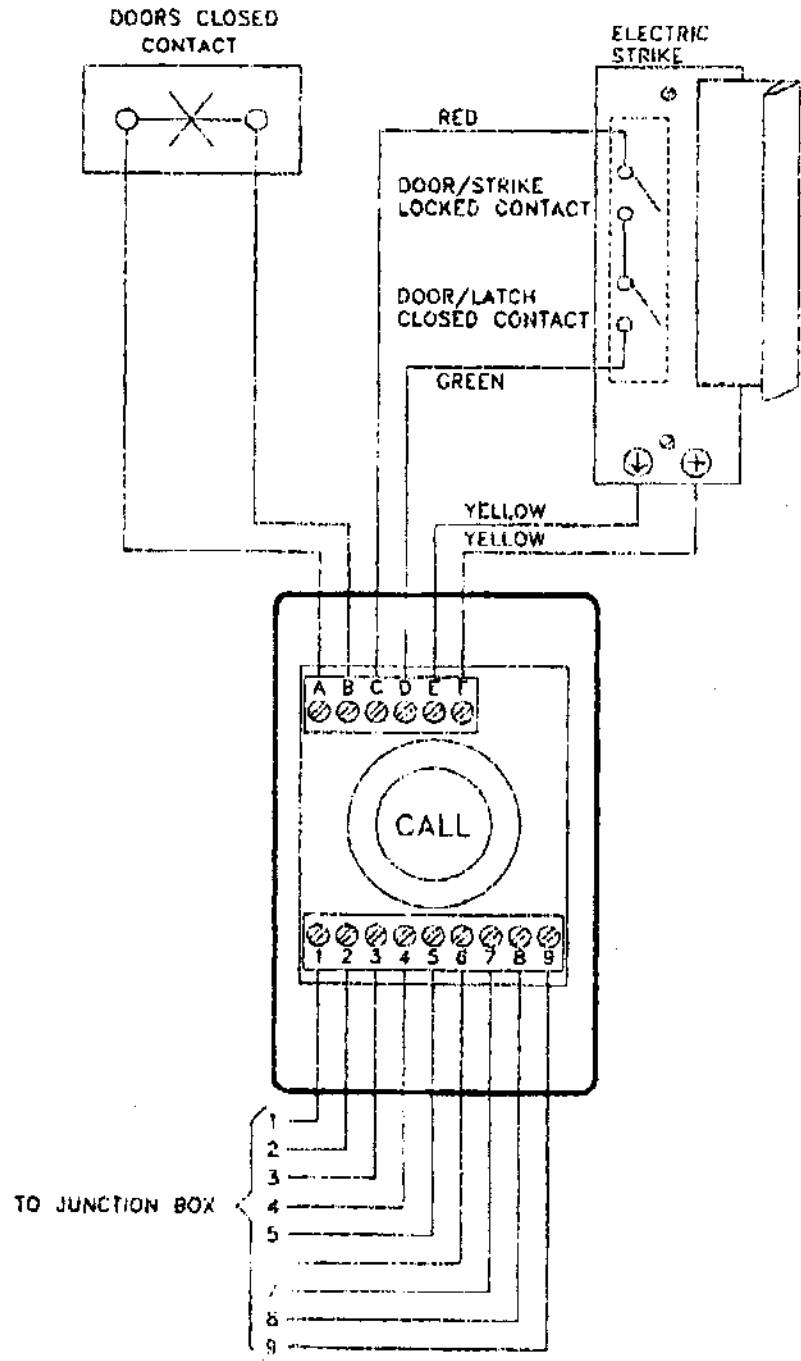





CONCORD  
ELEVATOR INC.

DWG NAME	K-HALSTA-A
DWG DATE	01-93
DWG BY:	C.O.
APPROVED BY:	J.M.

### HALL STATION WIRING CONNECTIONS (ELECTRIC STRIKE OPTION)

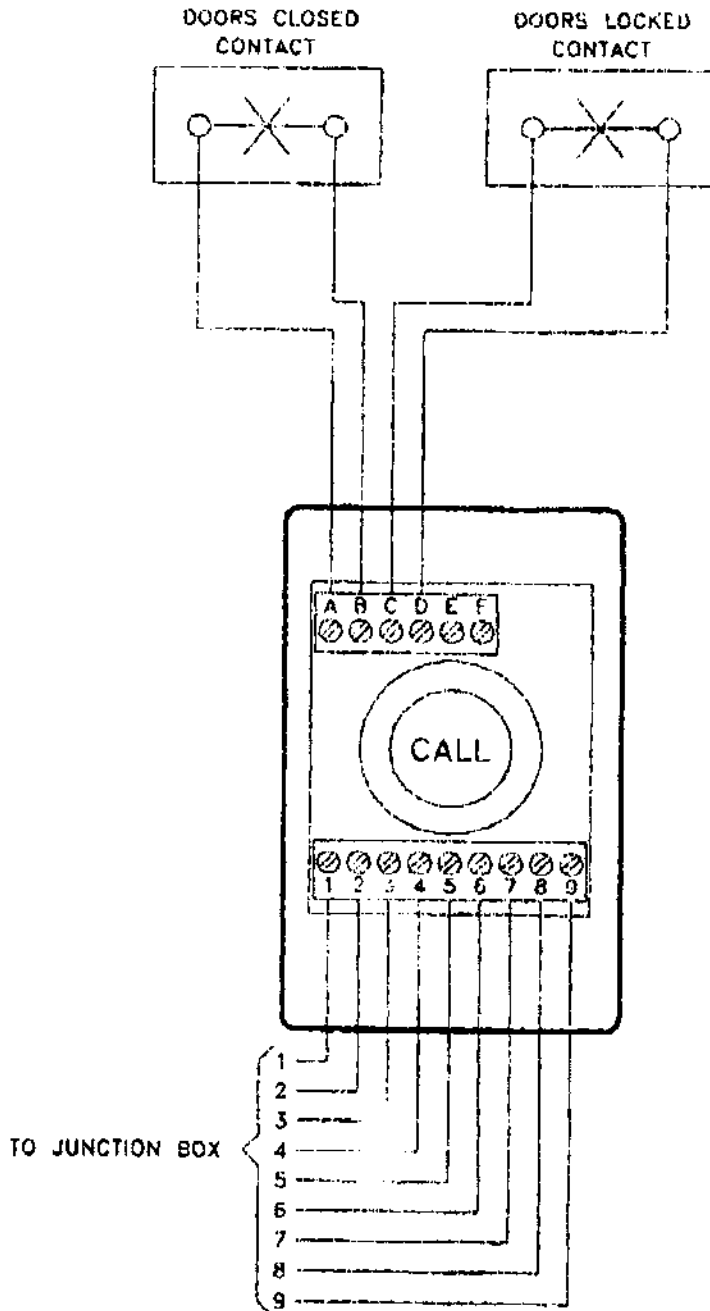


**NOTE:** IF CATCH AND LATCH MONITOR ARE NOT USED, INSTALL A WIRE JUMPER IN THE "C" AND "D" TERMINALS

	
DWG NAME	K-HALSTA-D
DWG DATE	01-93
DWG BY:	C.O.
APPROVED BY:	J.M.

# HALL STATION WIRING CONNECTIONS (GAL INTERLOCK OPTION)

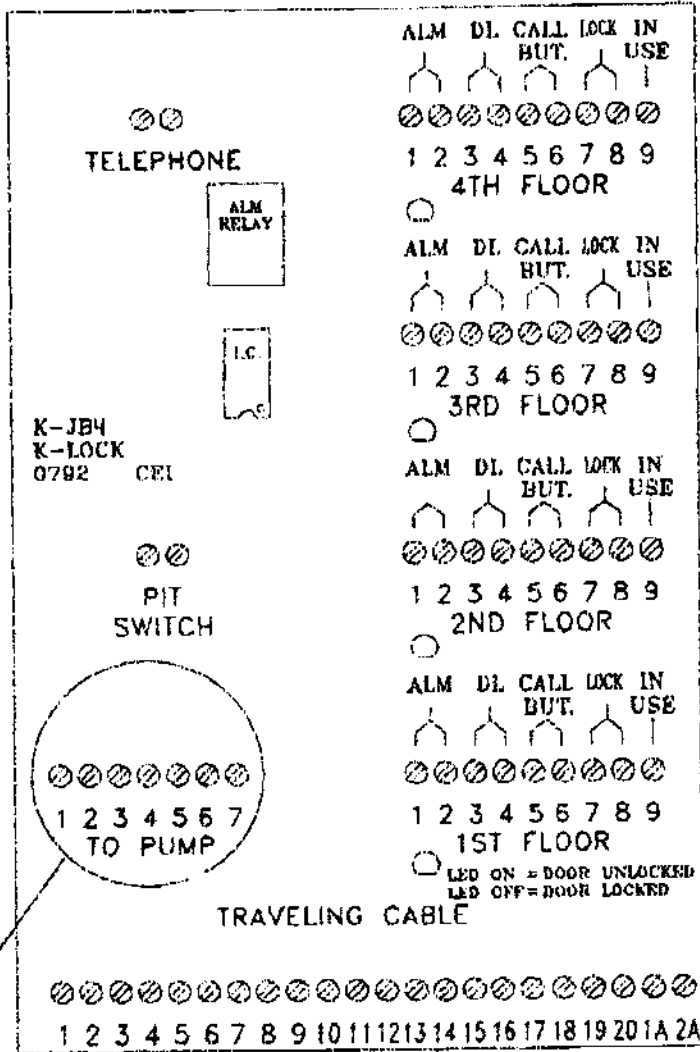
PAGE 14C



**CONCORD**  
ELEVATOR INC.

DWG NAME	K-HALSTA-C
DWG DATE	01-93
DWG BY:	C.O.
APPROVED BY:	J.M.

# JUNCTION BOX CONNECTIONS (KWIKLOCK OPTION) PAGE 15A



- 1 GROUND
- 2 +24V
- 3 +24V FOR SAFETY CIRCUIT
- 4 DOWN
- 5 UP
- 6 24V A.C. FOR POT LIGHTS
- 7 24V A.C. FOR POT LIGHTS

NOTE:  
 1. THE WIRES USED FOR  
 1A - 4A ARE AS FOLLOWS:  
 1A - RED      RED  
 2A - WHITE      SHIELDED PAIR

DWG NAME	KS-JB5
DWG DATE	12-92
DWG BY:	C.O.
APPROVED BY:	J.M.



