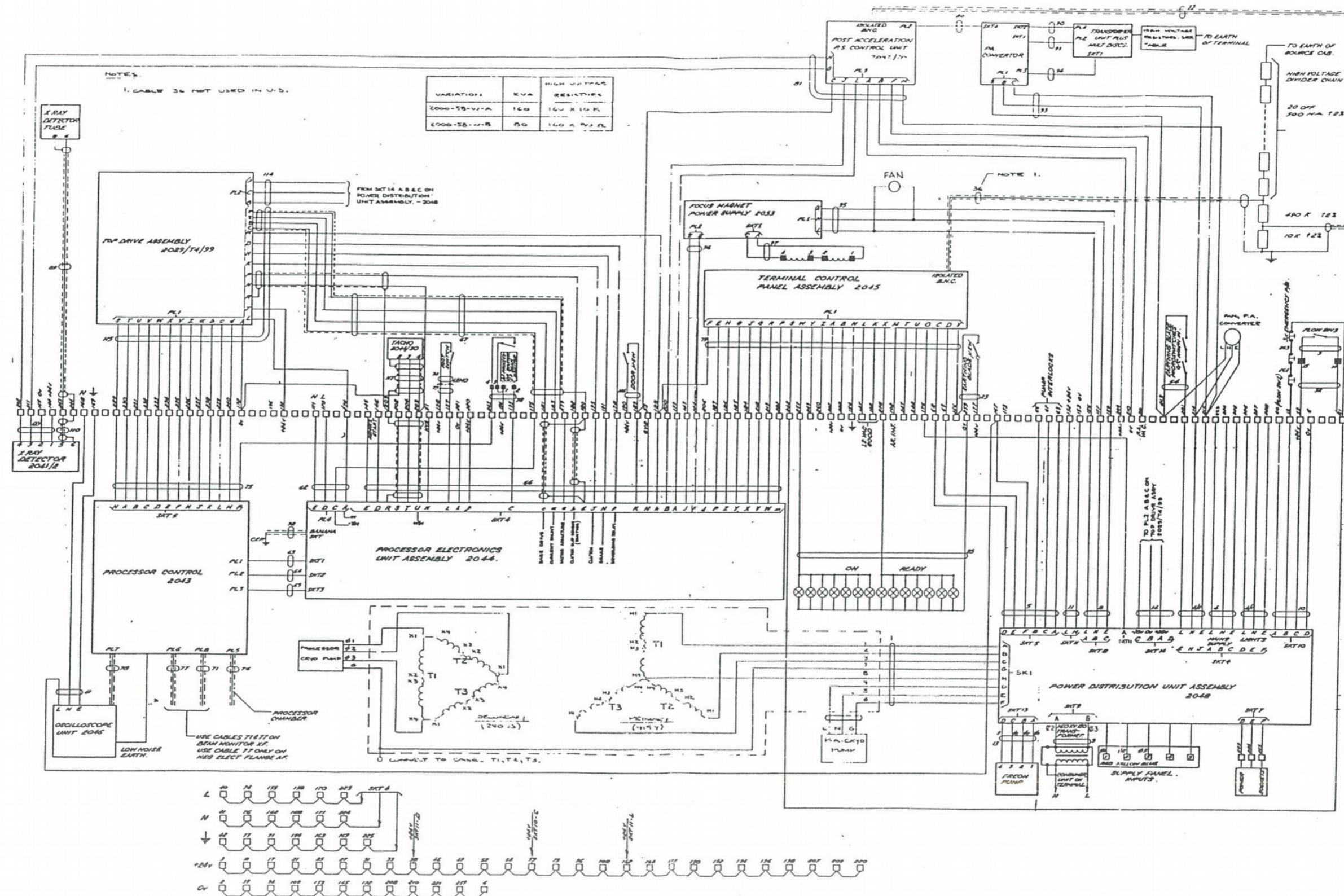
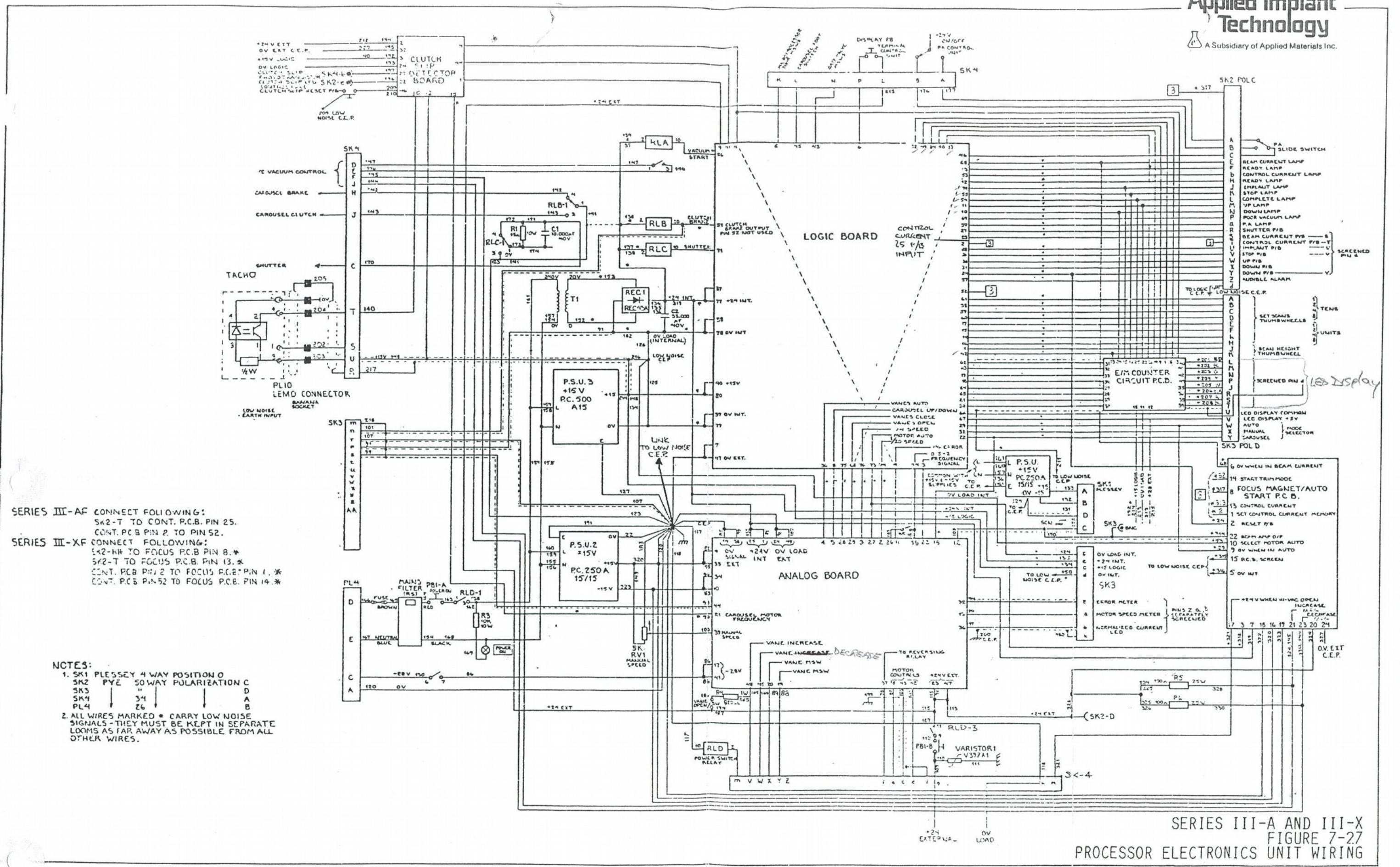


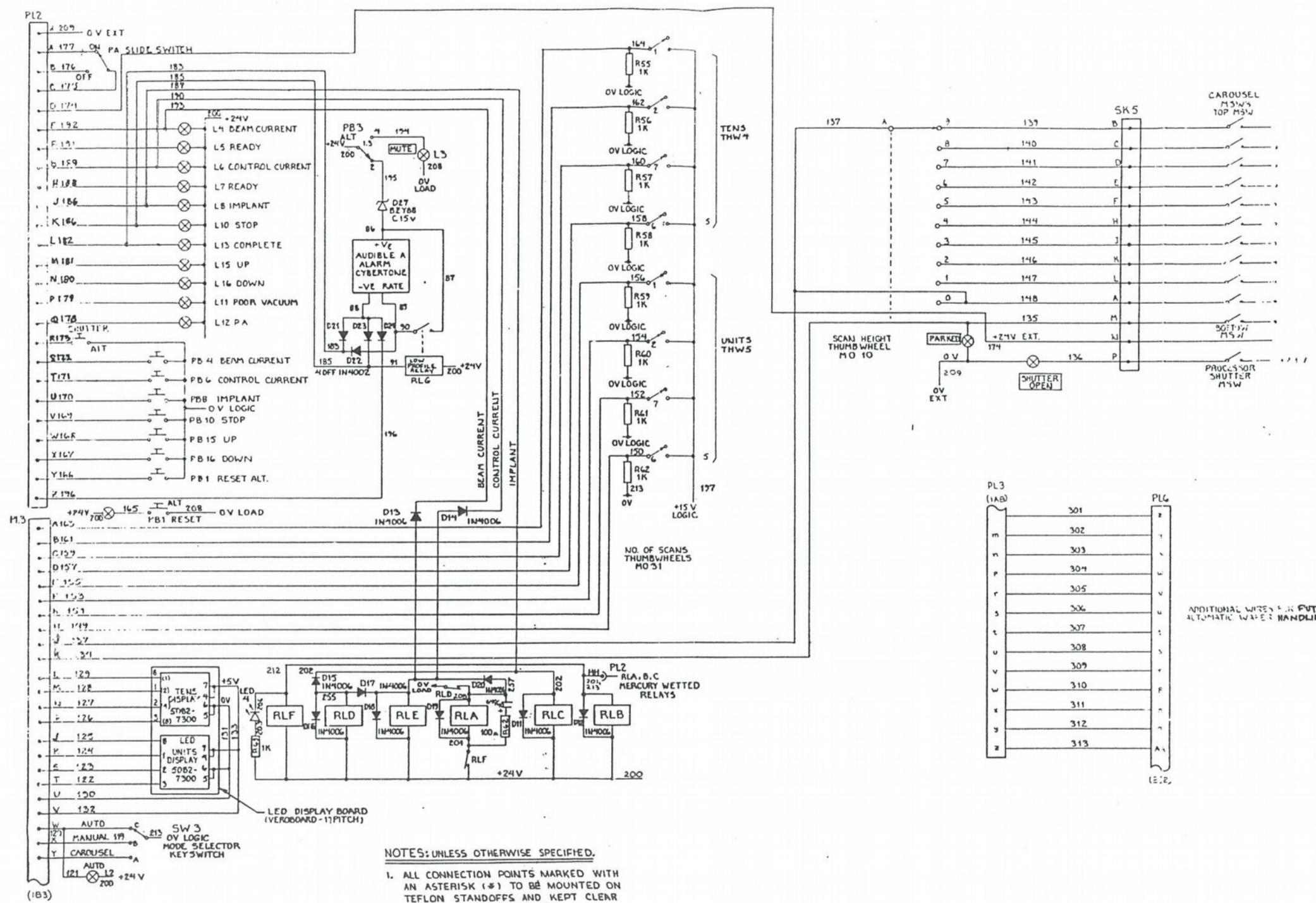
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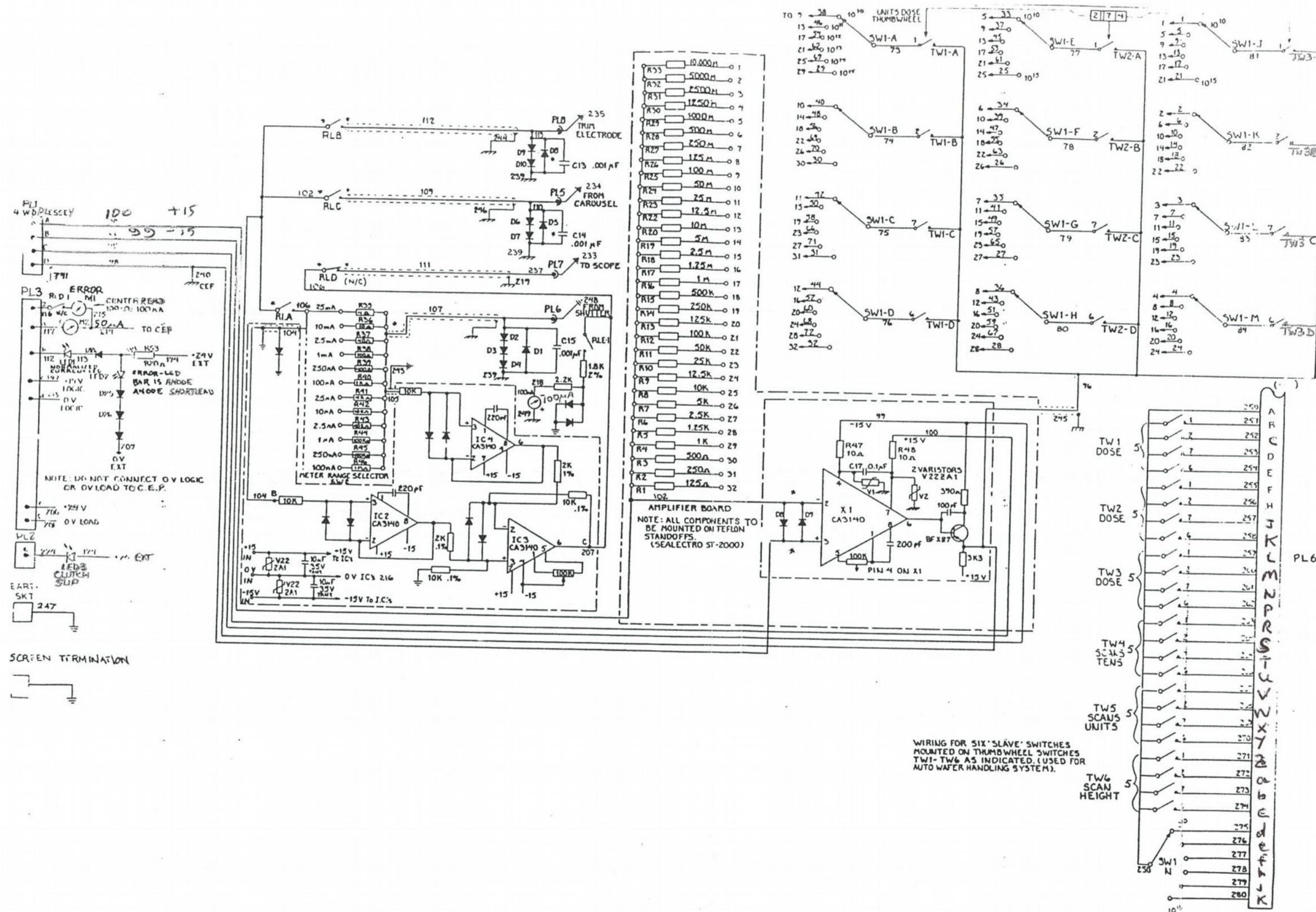
SERIES III-A AND III-X
FIGURE 7-18
BASE FRAME WIRING



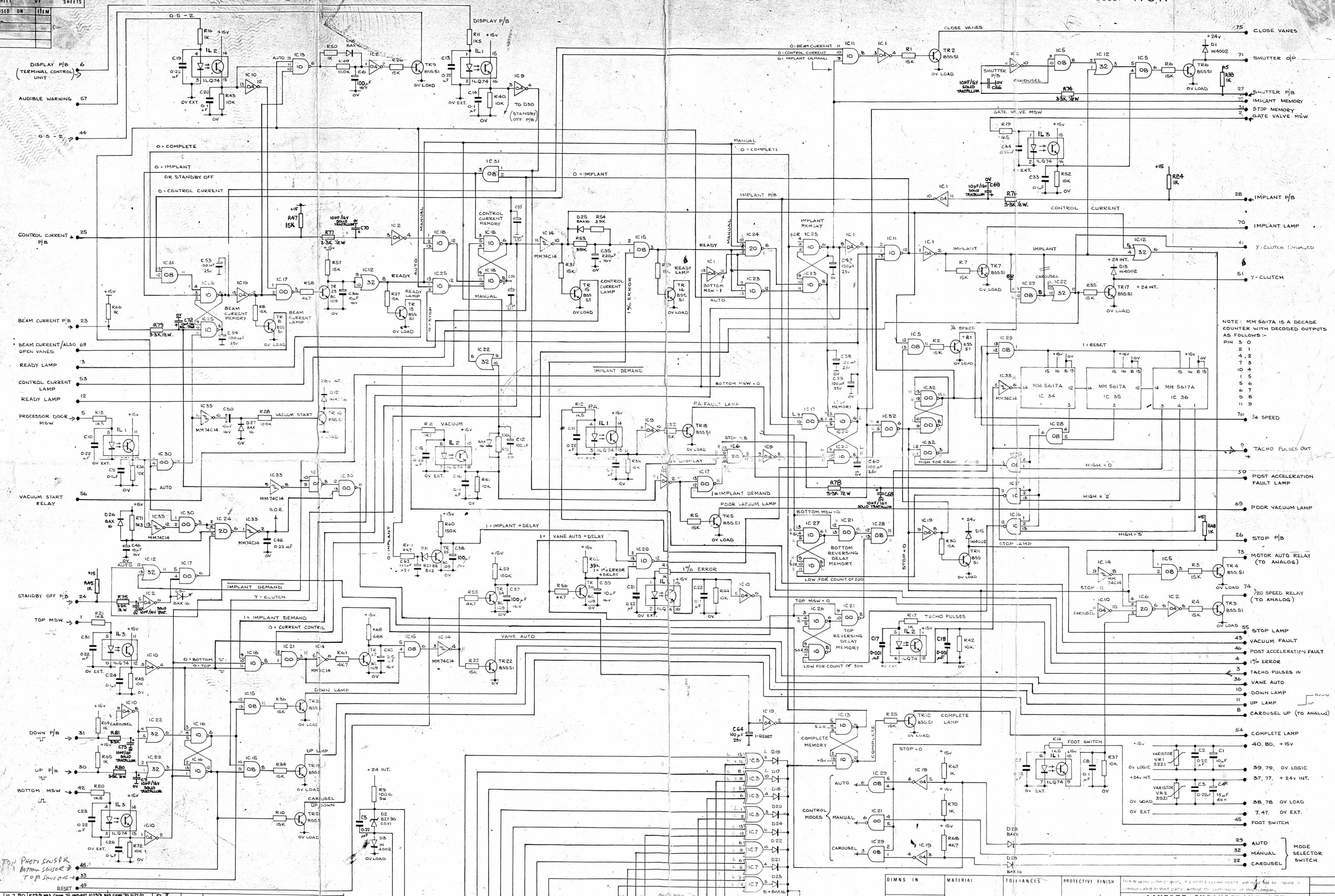
**SERIES III-A AND III-X
FIGURE 7-27
PROCESSOR ELECTRONICS UNIT WIRING**



**SERIES III-A AND III-X
FIGURE 7-26
PROCESSOR CONTROL UNIT
SHEET 1 OF 2**



SERIES III-A AND III-X
FIGURE 7-26
PROCESSOR CONTROL UNIT
SHEET 2 OF 2



ISSUE DATE	MODIFICATION	INTL	REMOVE ALL BURRS AND SHARP EDGES
6-10-78	IC29/5 WAS CONNECTED TO IC22/2	AB	
5-8-79	CCT MODIFIED	PDS	
4-11-78	CCT MODIFIED	JFG	
3-11-78	CCT MODIFIED	L	7 9.9.80 CCT MODIFIED CN.6365 AB
2-5-77	CCT MODIFIED		

DIMNS IN
DRAWN 8MK
CHECKED
SPECIFICATION
TOOL NO.
ESTIMATED WEIGHT
UNITS OTHERWIS

TO E/M COUNTER
FROM NUMBER OF SCANS
THE MBWHEELS

UNITS
1 2 3 4 5 6 7 8
L L H H L L L L
1B 19 63 62 20 21 65 64
TENS
61 58 59 60

TOLERANCES
SURFACE ROUGHNESS
SCAL

PROTECTIVE FINISH
SCAL

SCAL

SCAL

SCAL

SCAL

SCAL

SCAL

SCAL

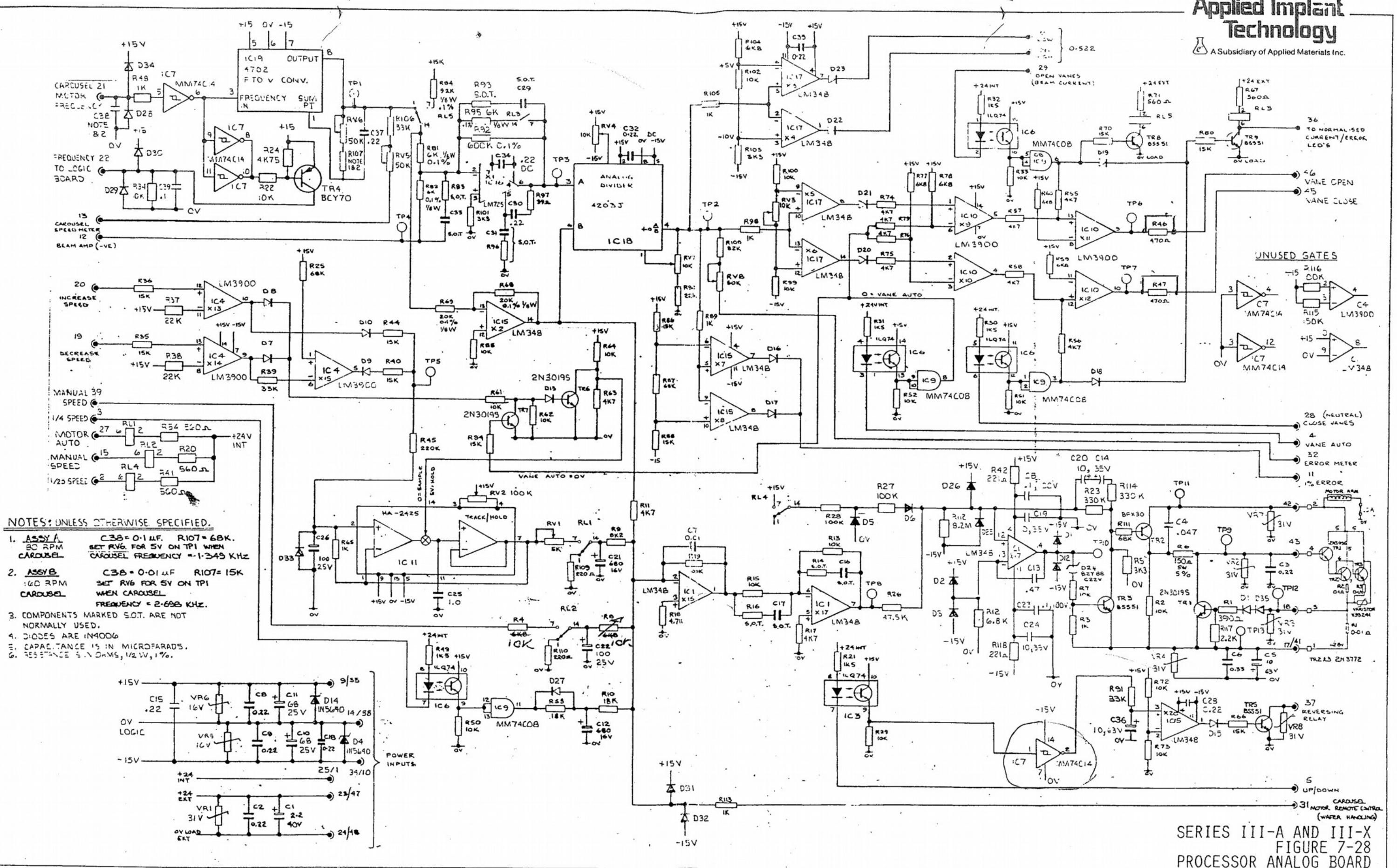
LINTOTT ENGINEERING LTD

HORSHAM, SUSSEX, ENGLAND

WD NO

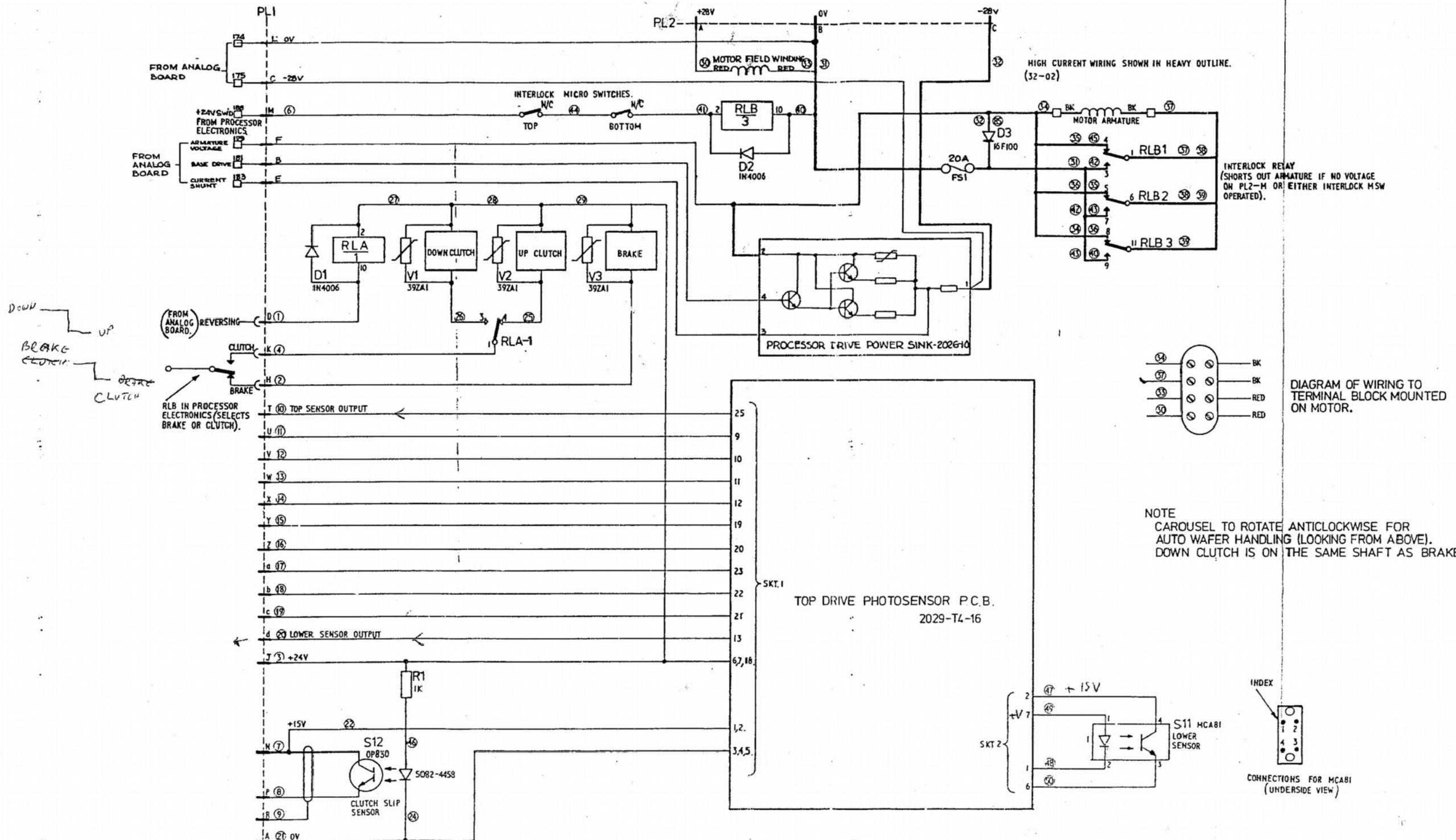
PROCESSOR CONTROL LOGIC BOARD

EPC 2044-6-05

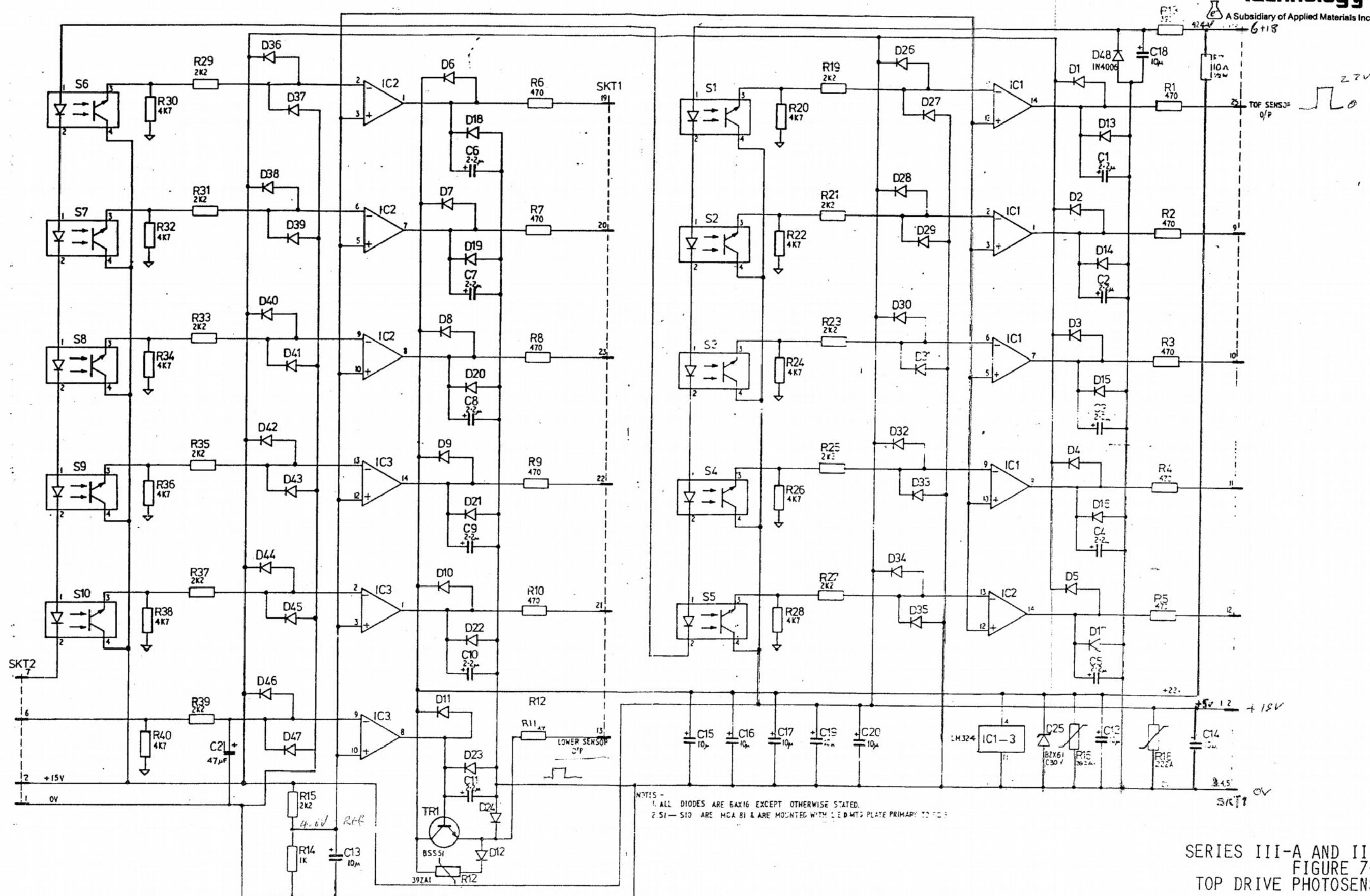


** NOTE IC7 IN CAROUSEL REVERSING RELAY CIRCUIT, DRAWING 7-31
ABOVE IS REPLACED BY IC12 ON CUC 1 BOARD.

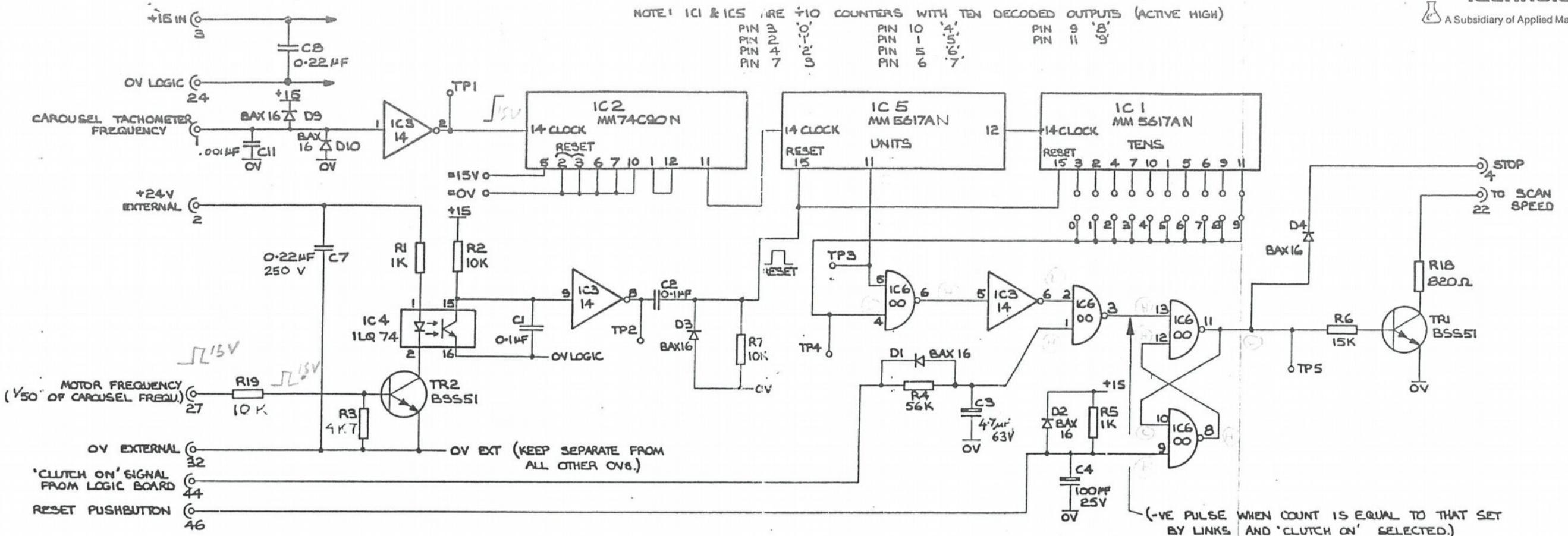
CUC 2+ SPARE BOARD STILL USES IC7 AS PER DRAWING



SERIES III-A AND III-X
FIGURE 7-31
PROCESSOR TOP DRIVE WIRING



**SERIES III-A AND III-X
FIGURE 7-32
TOP DRIVE PHOTODIODE**

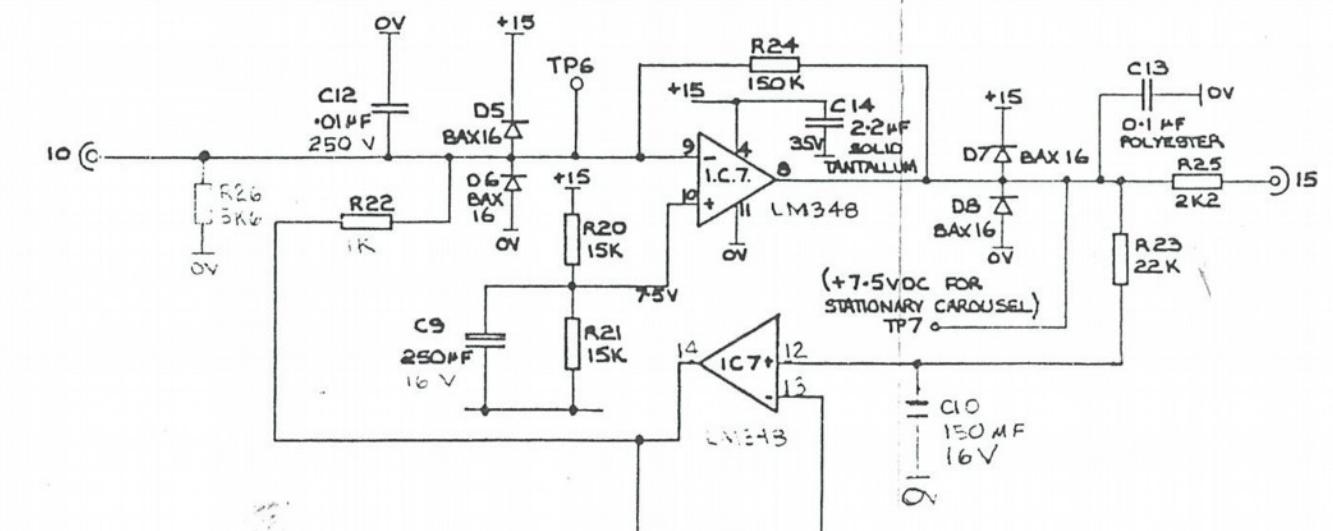
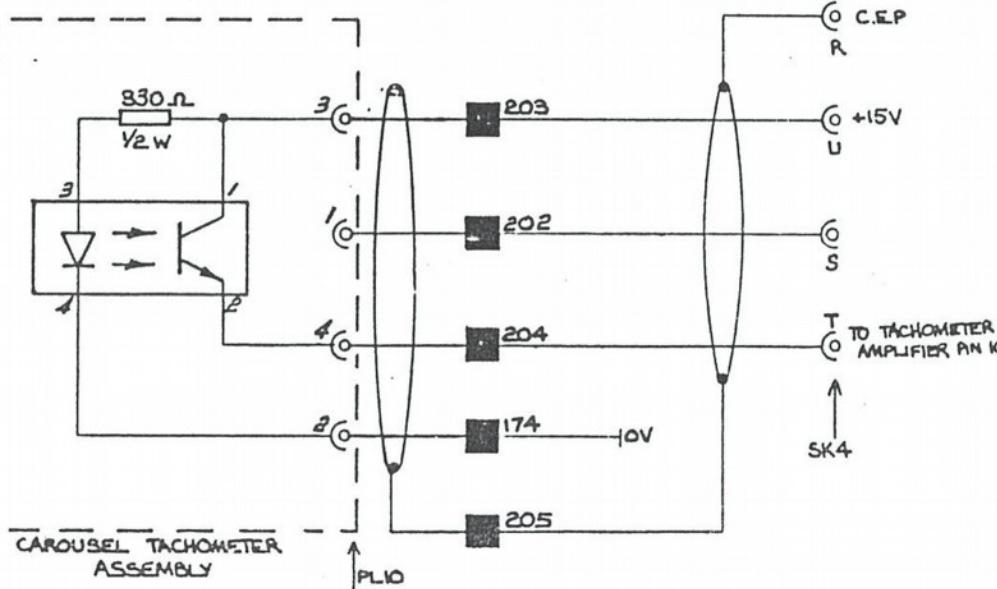


CLUTCH SLIP CIRCUIT

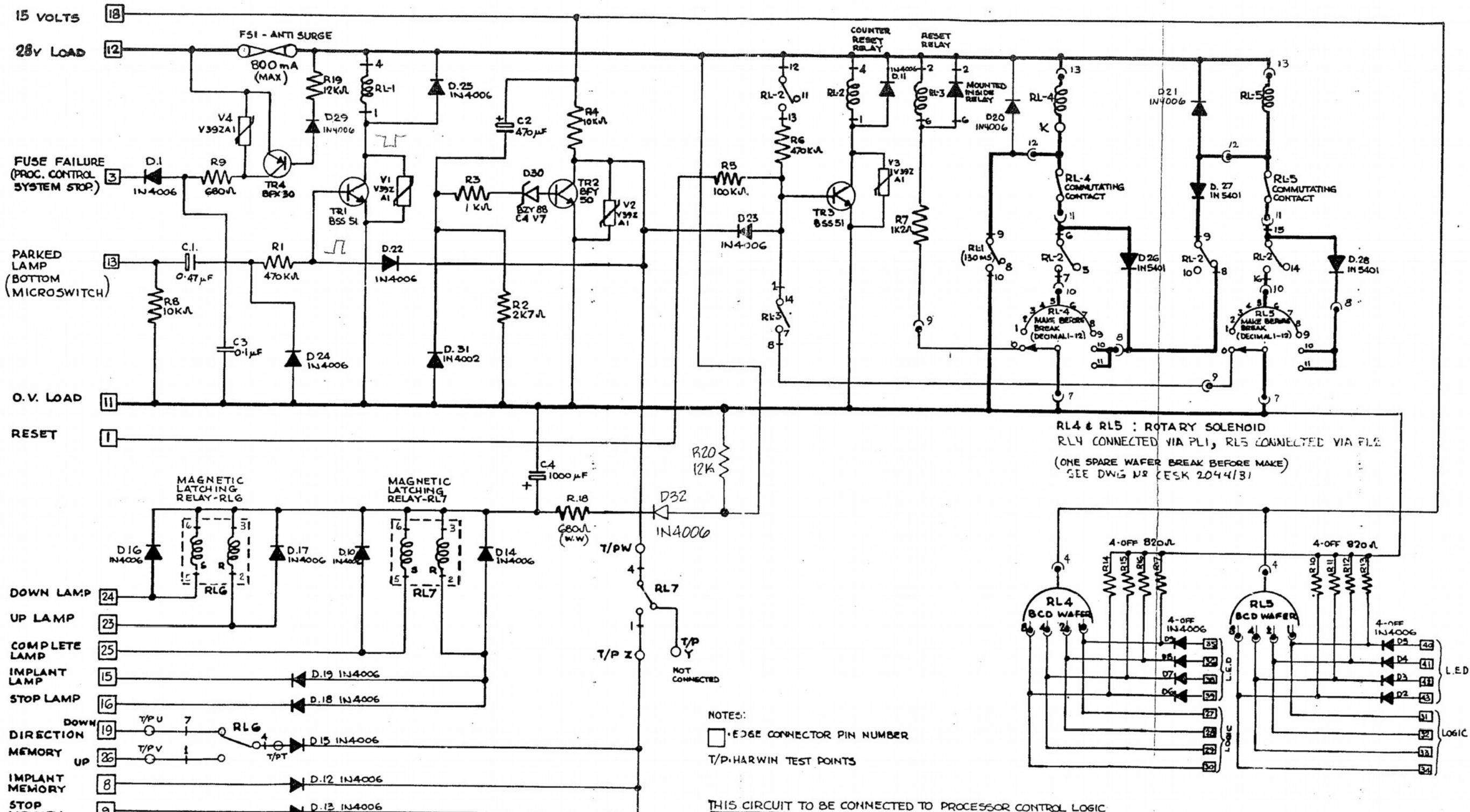
FOR REFERENCE ONLY

INTERRUPTER ASSEMBLY
TYPE OPB81357
(OPTRON)

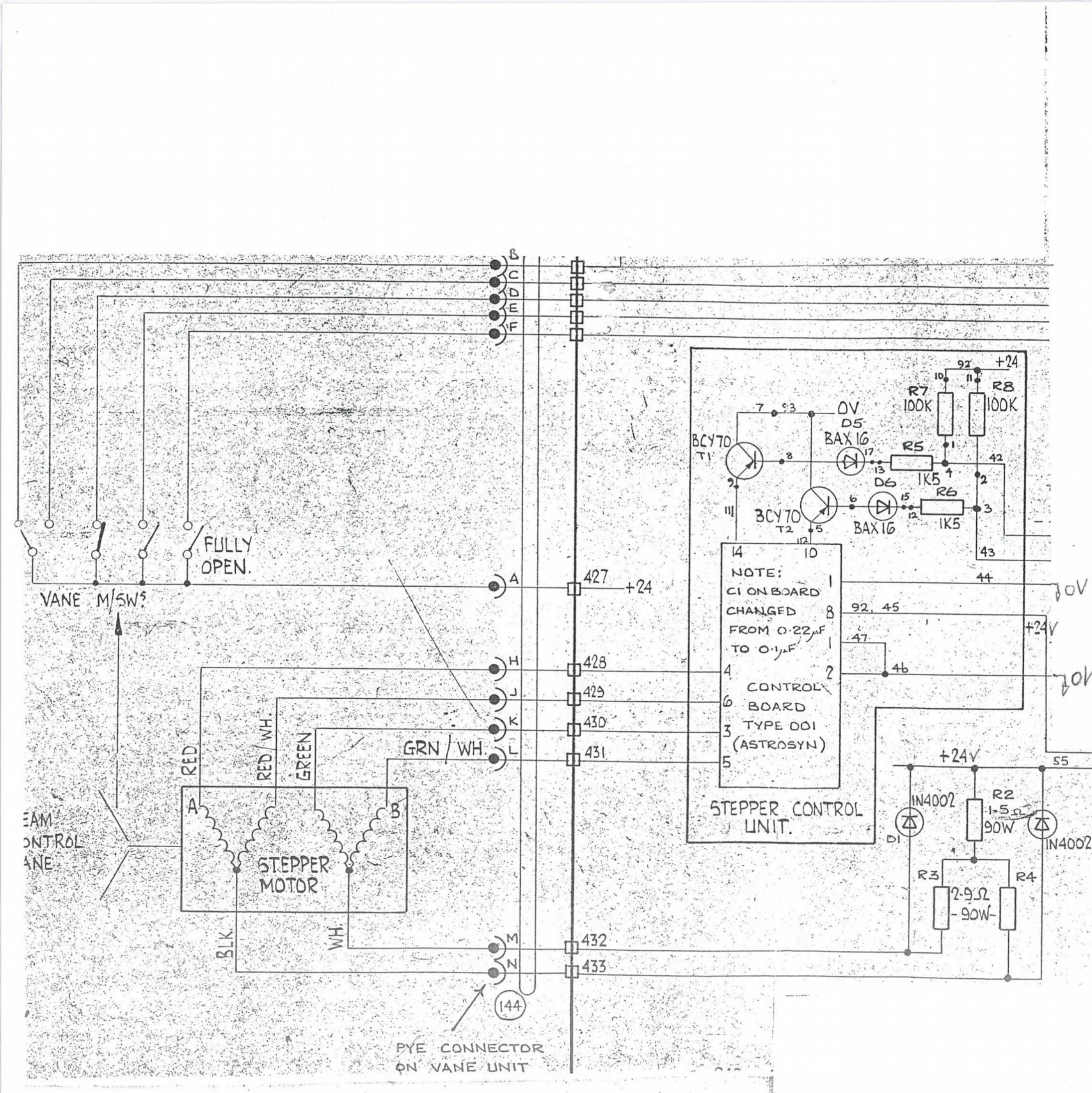
INDEX
CONNECTIONS FOR OPB81357
CAROUSEL TACHOMETER ASSEMBLY



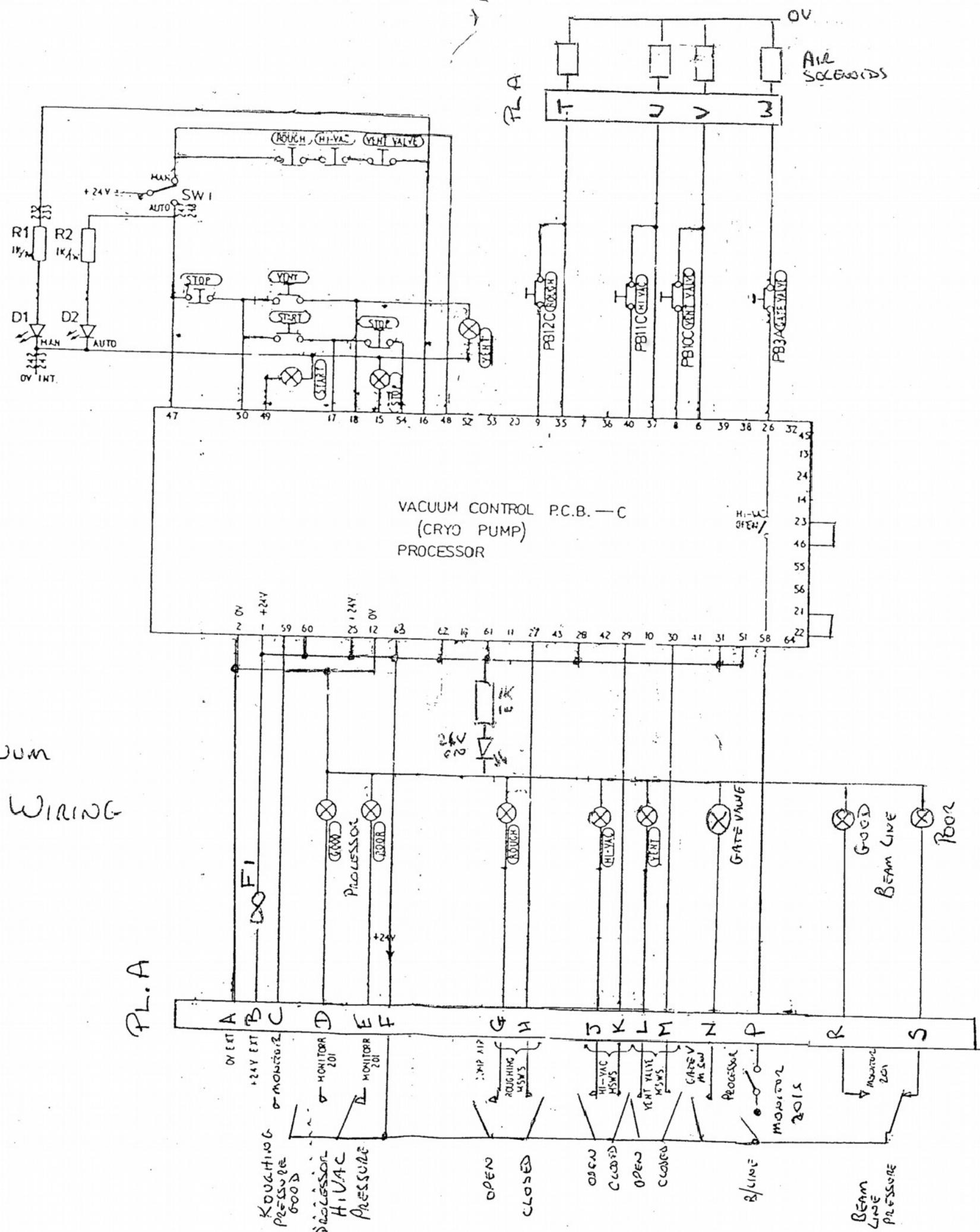
SERIES III-A AND III-X
FIGURE 7-33
CLUTCH SLIP DETECTOR

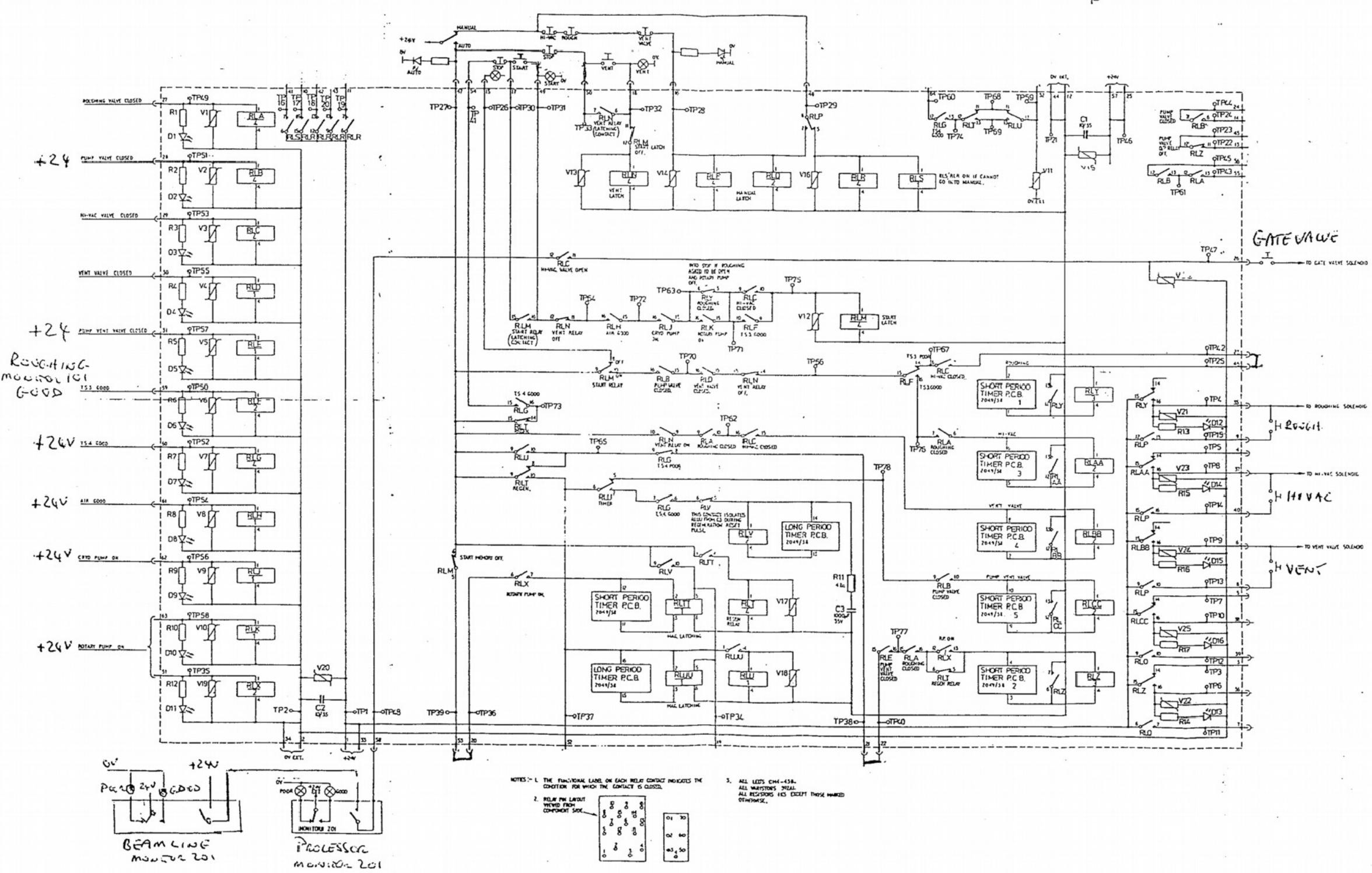


SERIES III-A AND III-X
FIGURE 7-30
ELECTROMECHANICAL COUNTER CIRCUIT

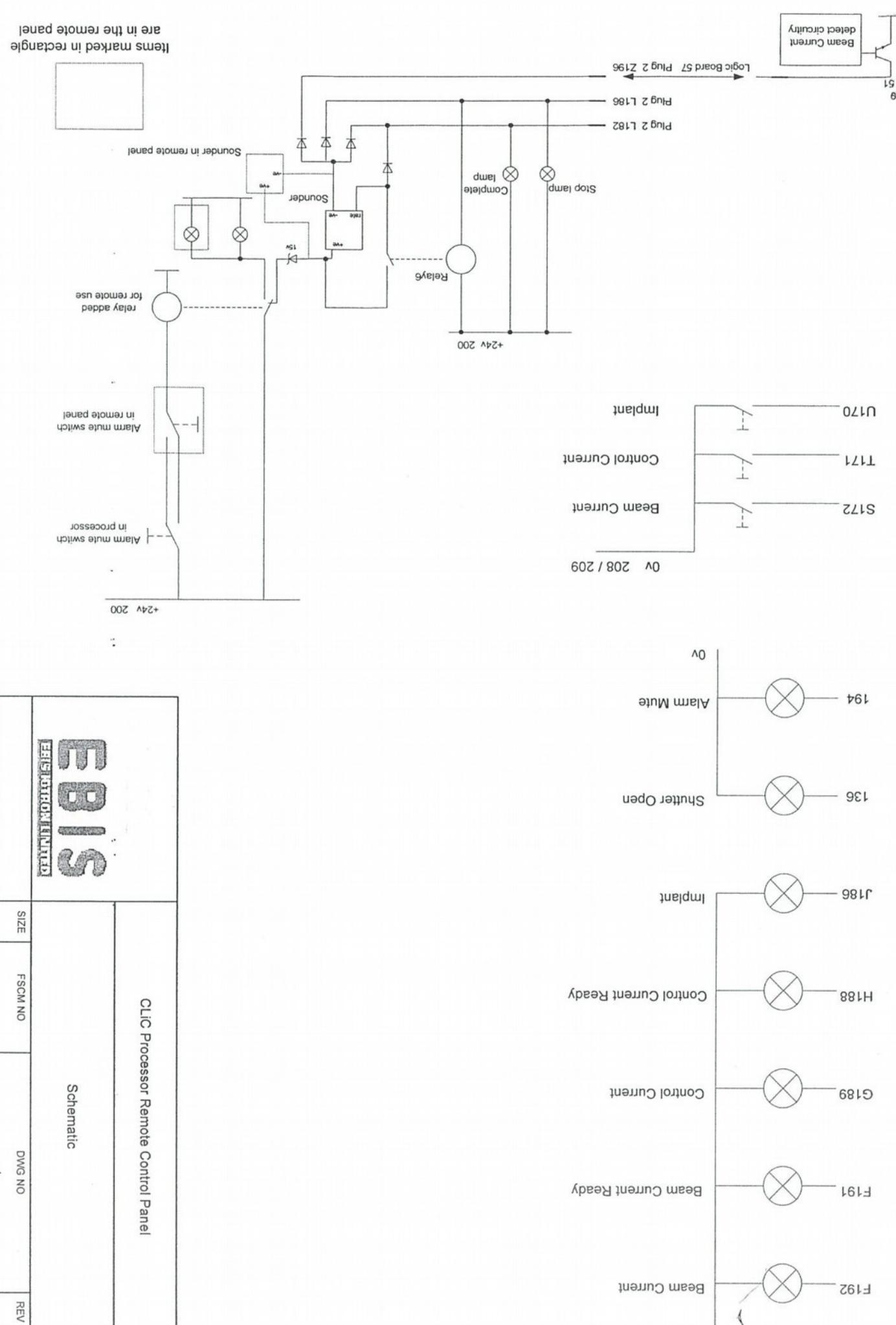
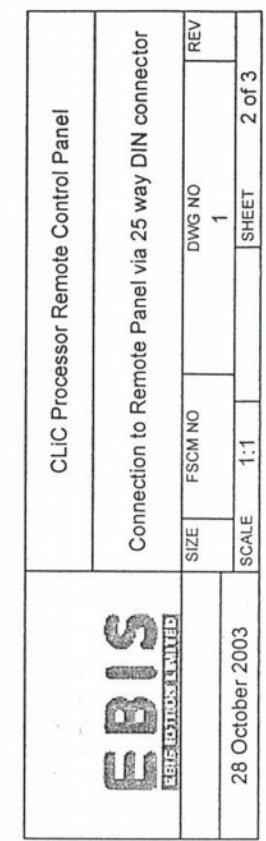
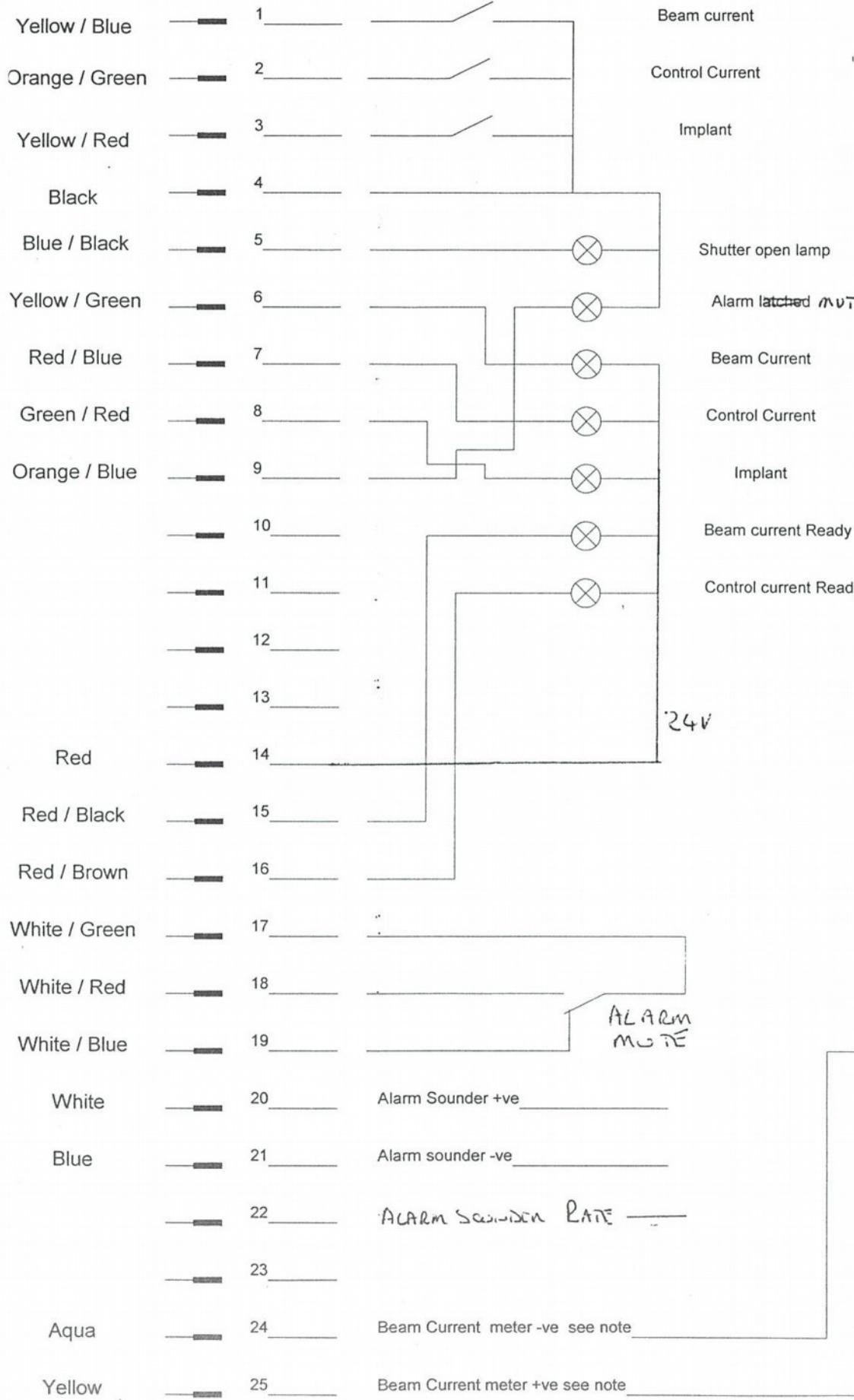


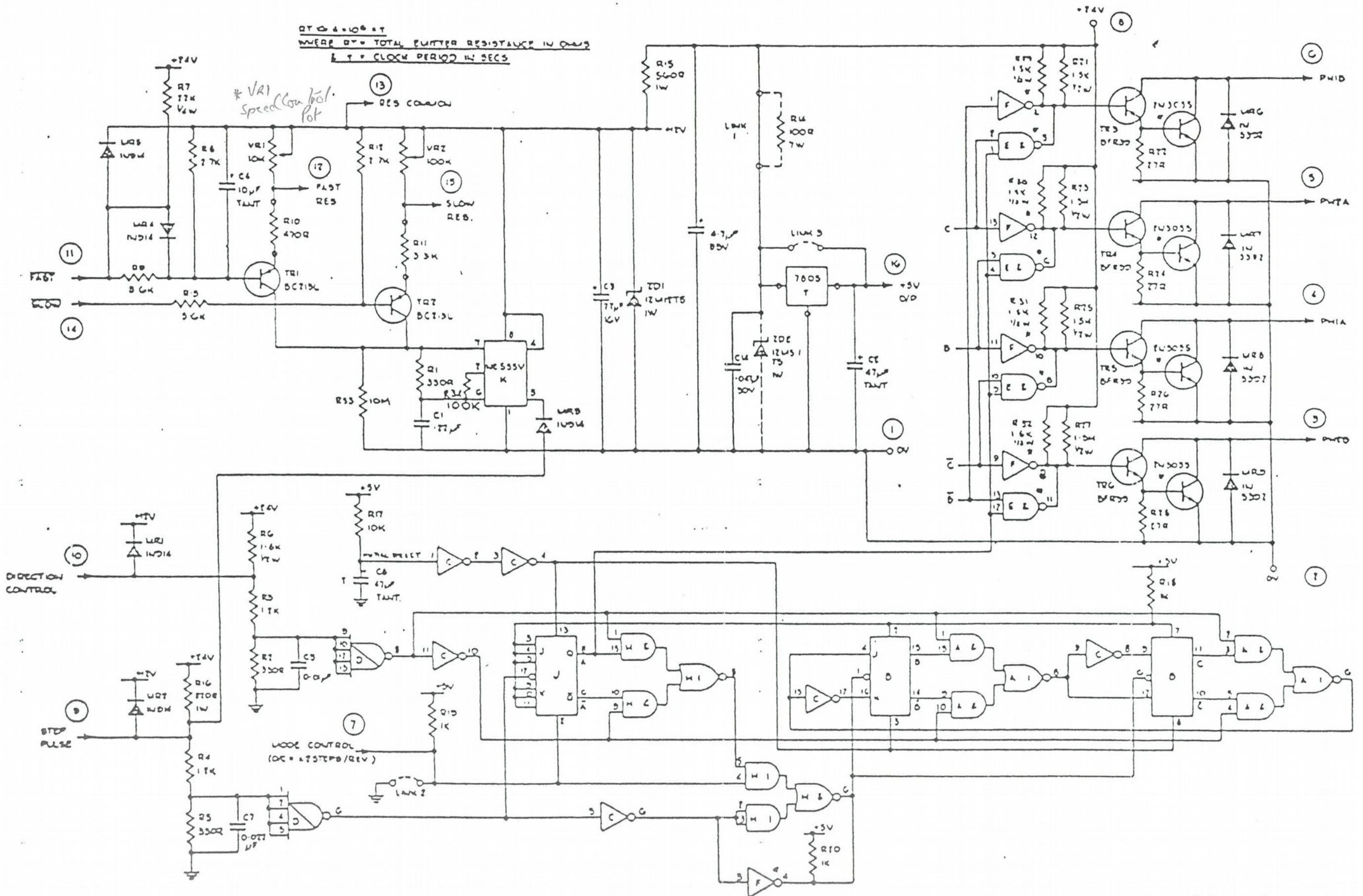
VACUUM
Control WIRING





SERIES III-A AND III-X
FIGURE 7-39
VACUUM CONTROL

25Way Din



SPECIFICATION RECORD

ASTROSYN (U.K.) LTD.

TITLE

L/R DRIVE CARD WITH $\times 2$ STEPS/REV. FACILITY

TOLERANCES
FINE
AVERAGE
COARSE

A/T AUTOMATIC IN

(F)
(A)
(C)

DRAWN
CHECKED
11/11/74

MATERIAL
FINISH

LAST R. REF 34
SCALE
DRAWN NO.
061/002
SHT. OF SHTS
/DRIVE

4-74

D

25Way Din

Yellow / Blue	1	S172 Beam Current _____
Orange / Green	2	T171 Control Current _____
Yellow / Red	3	U170 Implant _____
Black	4	208 / 209 0v _____
Blue / Black	5	136 Shutter Open lamp _____
Yellow / Green	6	F192 Beam current lamp _____
Red / Blue	7	G189 Control Current lamp _____
Green / Red	8	J186 Implant lamp _____
Orange / Blue	9	194 Alarm Mute lamp _____
	10	
	11	
	12	
	13	
Red	14	200 24v _____
Red / Black	15	F191 Beam Current Ready lamp _____
Red / Brown	16	H188 Control Current Ready lamp _____
White / Green	17	Alarm mute switch common to relay coil _____
White / Red	18	Alarm mute switch N/O to Proc panel mute swith N/O _____
White / Blue	19	Alarm mute switch N/C to proc panel mute switch N/C _____
White	20	Alarm Sounder +ve _____
Blue	21	Alarm sounder -ve _____
	22	
	23	
Aqua	24	Beam Current meter -ve see note _____
Yellow	25	Beam Current meter +ve see note _____

CLiC Processor Remote Control Panel		Connection to Processor via 25 way DIN connector		
SIZE	FSCM NO	DWG NO	REV	1 of 3
SCALE	1:1	1		
28 October 2003	EBIS	EBIS ELECTRONICS LIMITED		