

ACER

Electrical Diagram

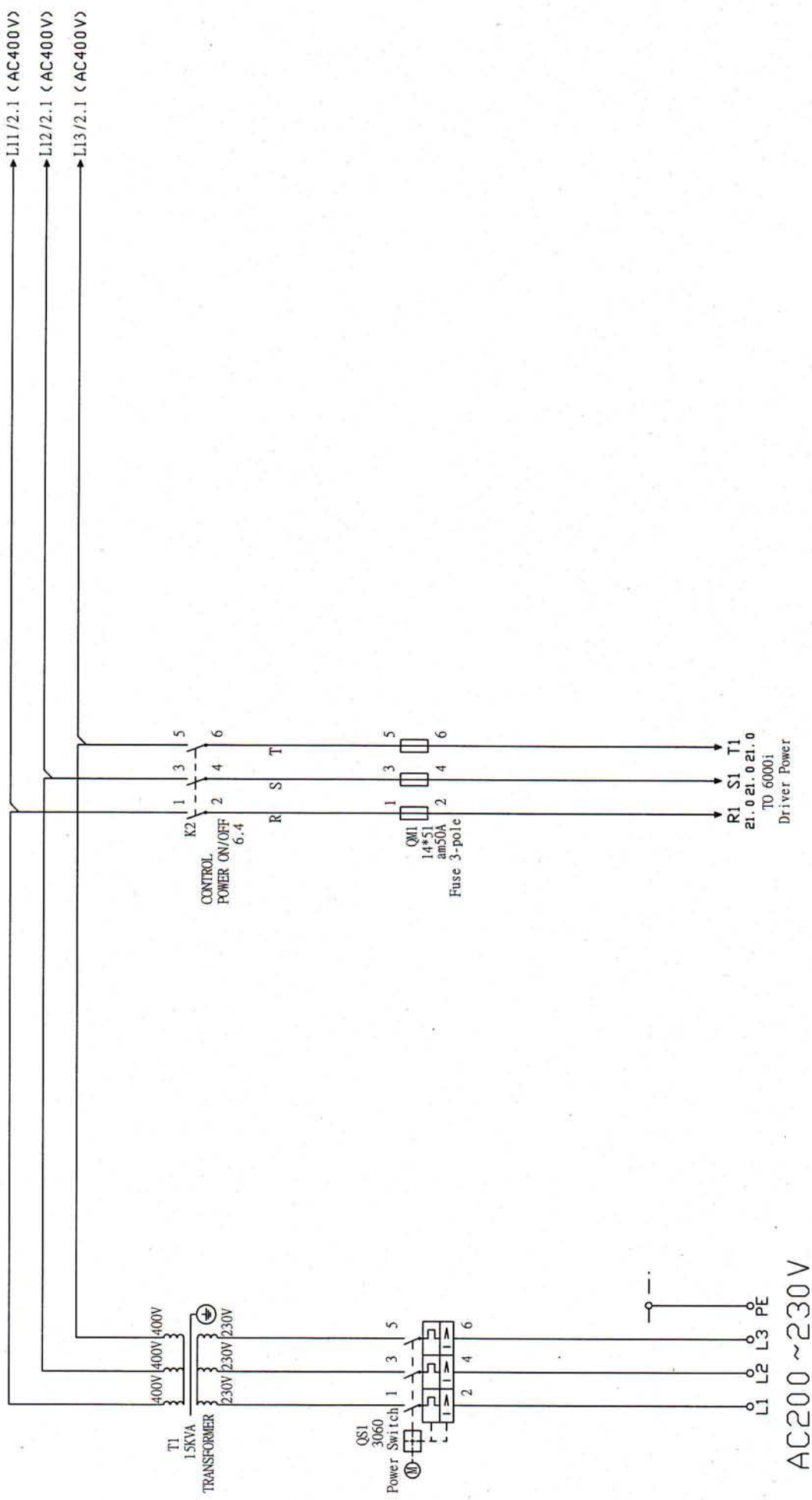
VERTICAL MACHINING CENTER

Model: EMC-2240A

**Taiwan: YA WEI MACHINE TOO.MANUFACTURING INC
YA GIN MACHINE TOO.MANUFACTURING INC
No. 101, 506 Lane, Seng-Tso Road
Seng Karng Sharng, Taichung County,
Taiwan
Tel:886-4-2520-4120 Fax:886-4-2520-4123**

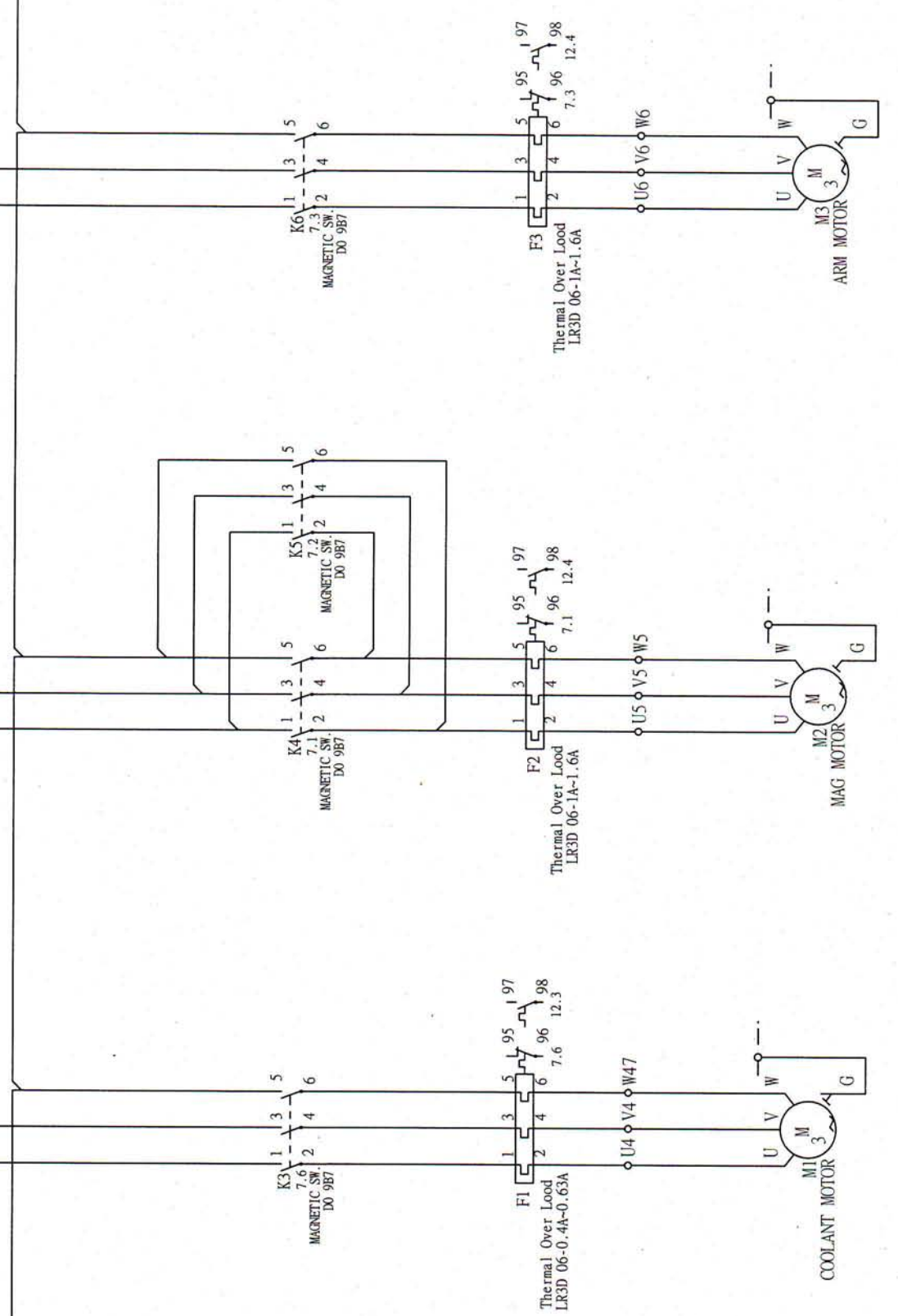
**CA: Springwood Industrial, Inc.
1062 N. Kraemer Place
Anaheim, CA 92806
Tel:714-632-9701 Fax:714-632-9730**

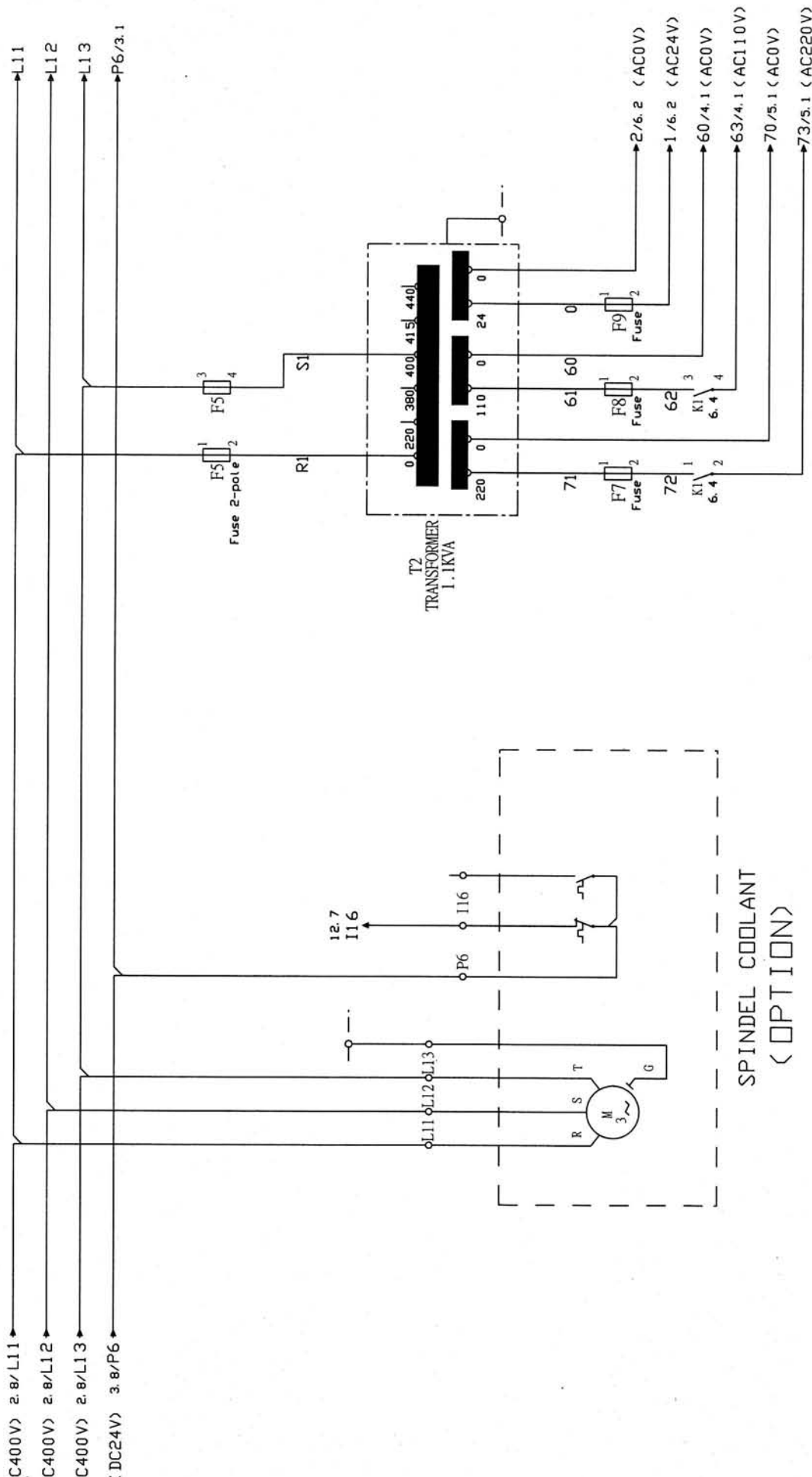
**NJ: Klim Industrial, Inc.
244 N. Randolphville Rd.
Piscataway, NJ 08854
Tel:732-752-9100 Fax:732-752-9101**

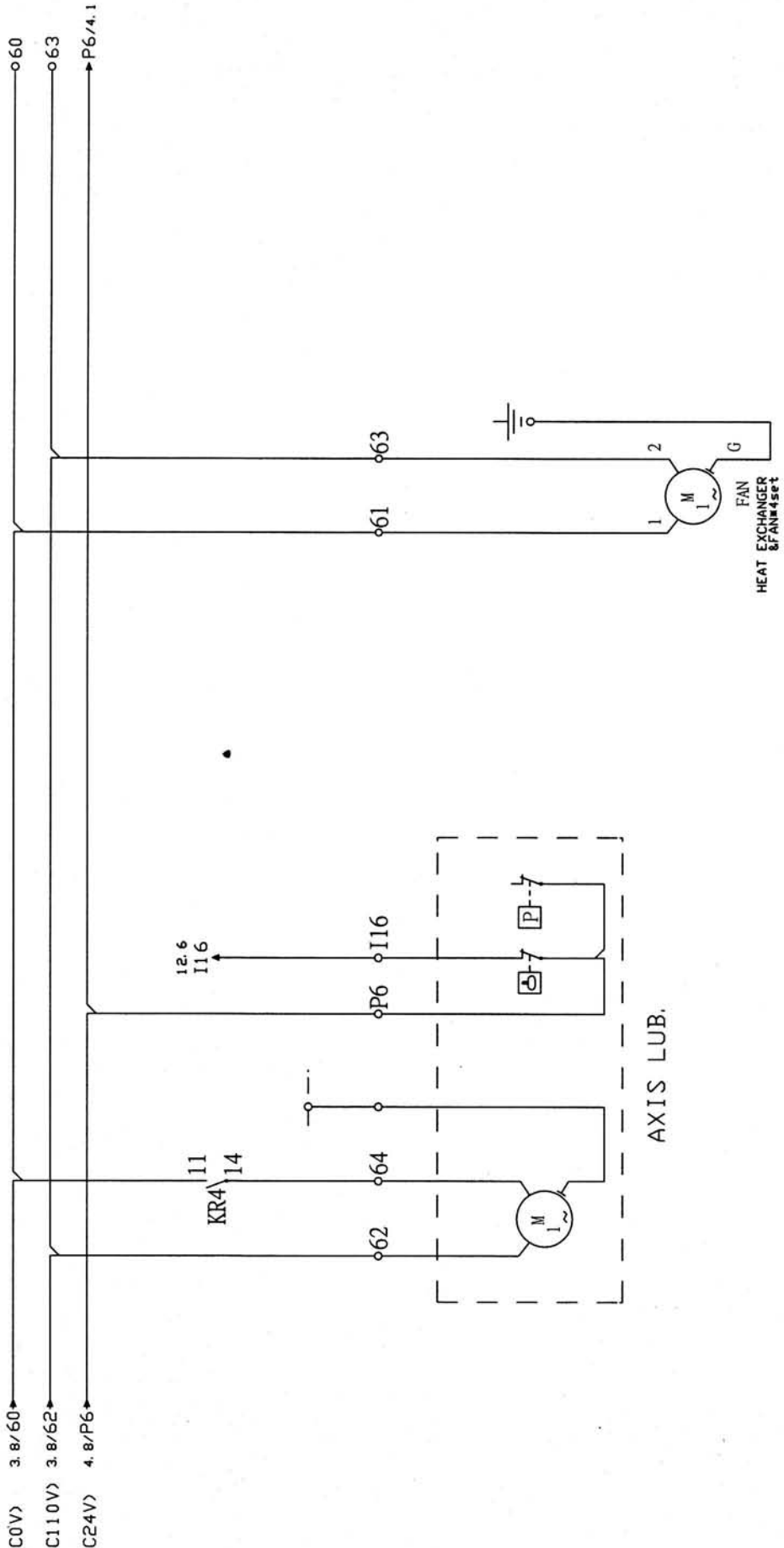


(AC400V) 1.8/ L11
 (AC400V) 1.8/ L12
 (AC400V) 1.8/ L13

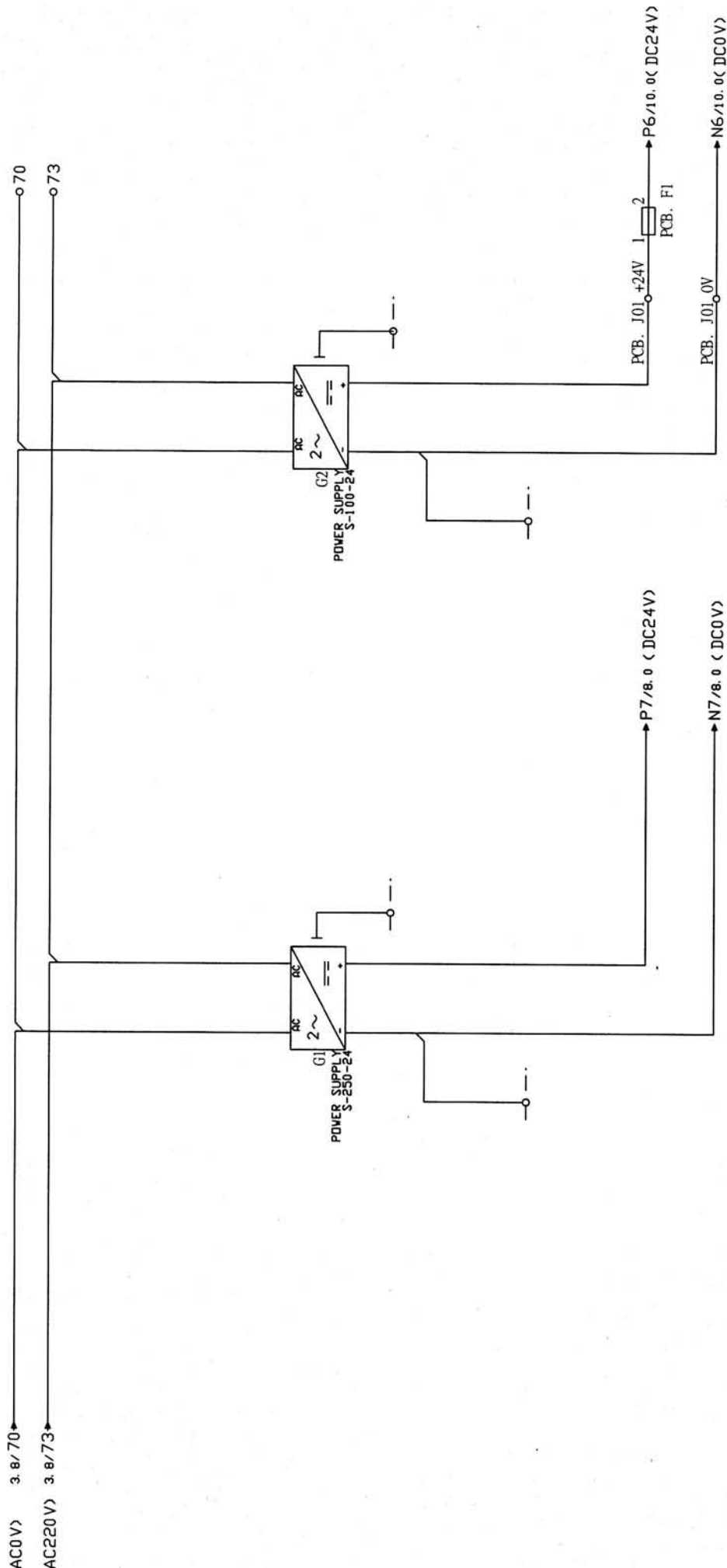
L11/3.1
 L12/3.1
 L13/3.1







R GROUP	TITLE : POWER-110V-1	MACHINE MODEL EMC-2240A	CONTROL : ANILAM 6000i	Date: 01. APR. 200
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R GROUP

TITLE : POWER 220V-1

MACHINE MODEL
EMC-2240A

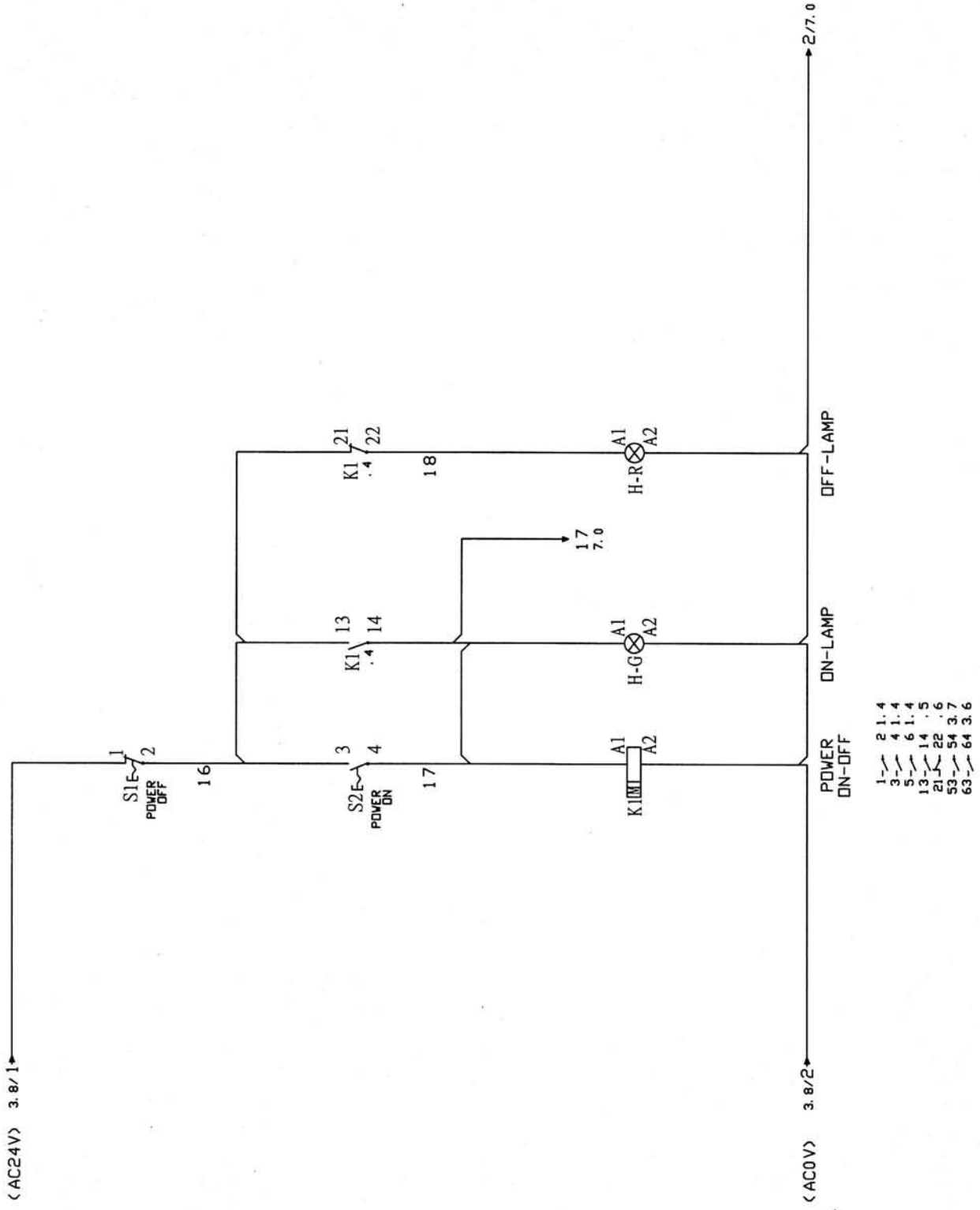
CONTROL :
ANILAM 6000i

Date:

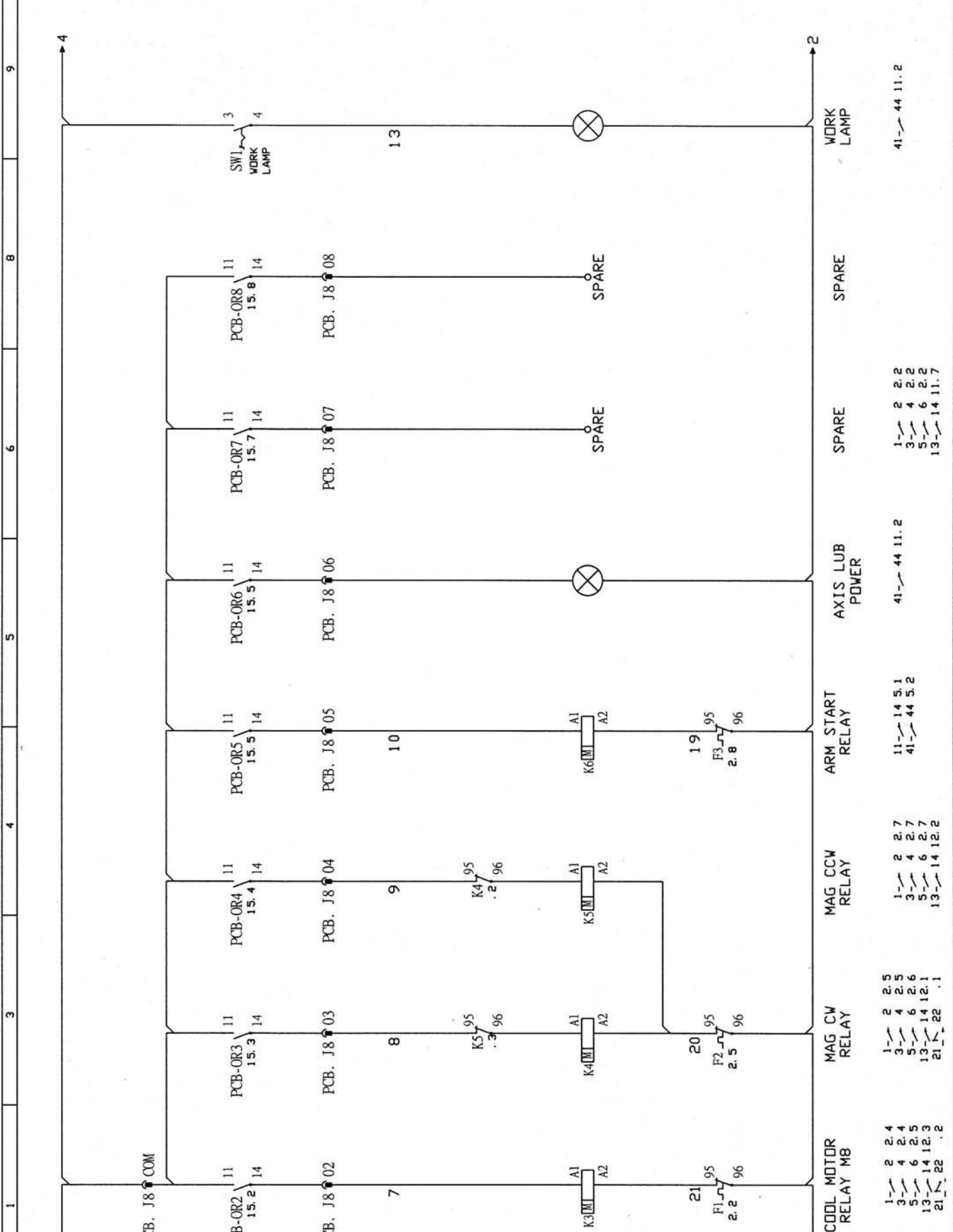
01. APR. 2008

PAGE

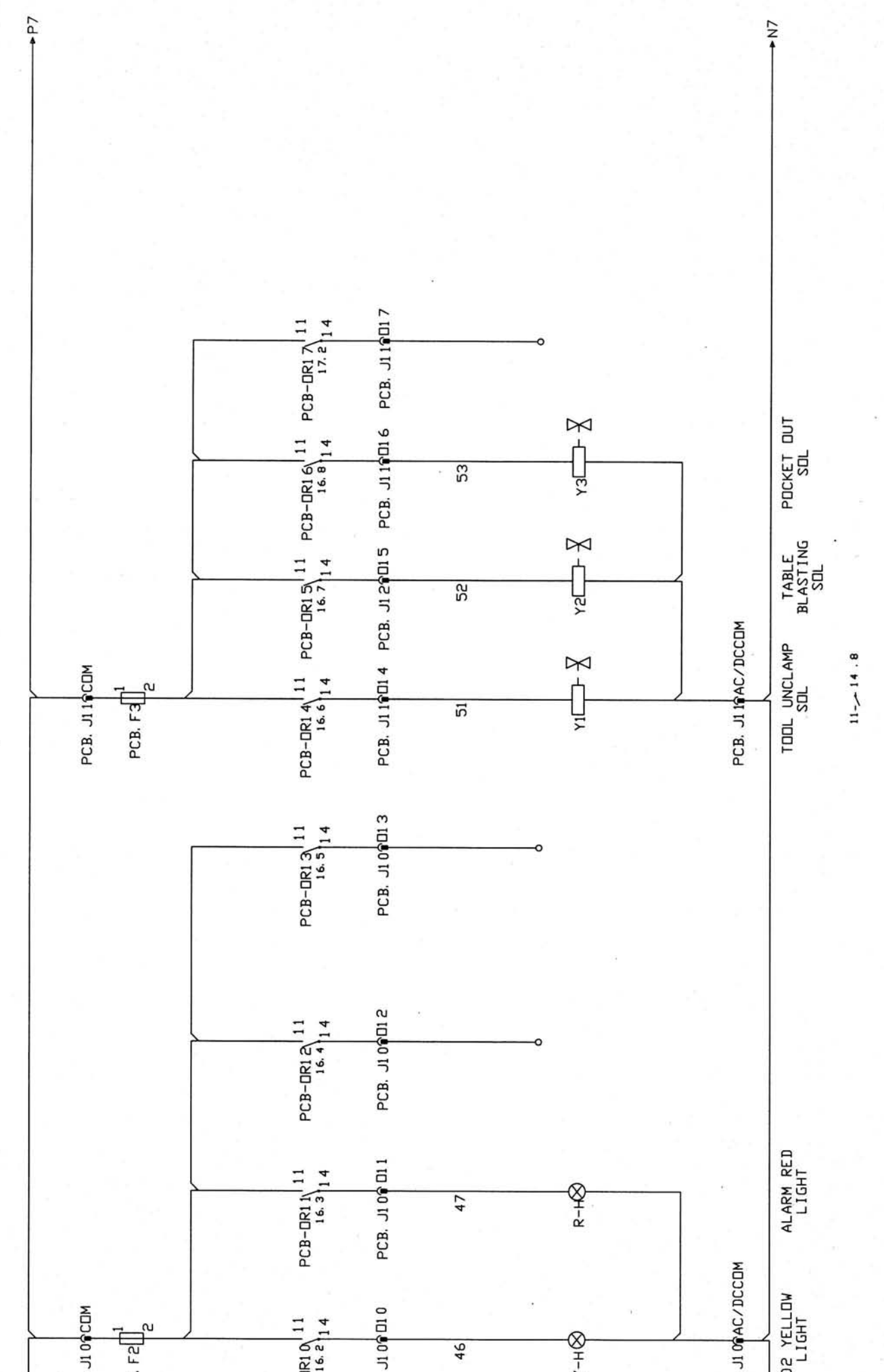
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R GROUP	TITLE : CNC CONTROL UNIT(AC)-1	MACHINE MODEL	CONTROL :	Date:	PAGE 6
		EMC-2240A	ANILAM 6000i	01. APR. 2008	



Terminal	Component	Wiring
2	CNC POWER ON	41-44 11.3
4	COMMON	
6	COOL MOTOR RELAY M8	1-2 2.4 3-4 2.4 5-6 2.5 13-14 12.3 21-22 .2
8	MAG CW RELAY	1-2 2.5 3-4 2.5 5-6 2.6 13-14 12.1 21-22 .1
9	MAG CCW RELAY	1-2 2.7 3-4 2.7 5-6 2.7 13-14 12.2
10	ARM START RELAY	11-14 5.1 41-44 5.2
13	AXIS LUB POWER	41-44 11.2
14	SPARE	1-2 2.2 3-4 2.2 5-6 2.2 13-14 11.7
15	SPARE	
19	FUSE	
20	FUSE	
21	FUSE	
41-44	WORK LAMP	41-44 11.2

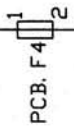


11-14.8

9	MACHINE MODEL	CONTROL :	Date:
R GROUP	TITLE : CNC CONTROL UNIT(SOL)-1	EMC-2240A	01. APR. 2008
		ANILAM 6000i	PAGE 8

V>8. 9/P7 → P7

PCB. J12 CDM



PCB-DR18
11 14
17.3

PCB-DR19
11 14
17.4

PCB-DR20
11 14
17.5

PCB-DR21
11 14
17.6

PCB. J12 DI10

PCB. J12 DI11

PCB. J12 DI12

PCB. J12 DI13

PCB. J12 AC/DCCDM

V>8. 9/N7 → N7

R GROUP

TITLE : CNC CONTROL UNIT(SOL) -2

10

MACHINE MODEL
EMC-2240A

CONTROL :
ANILAM 6000i

Date:

01. APR. 2008

PAGE

9

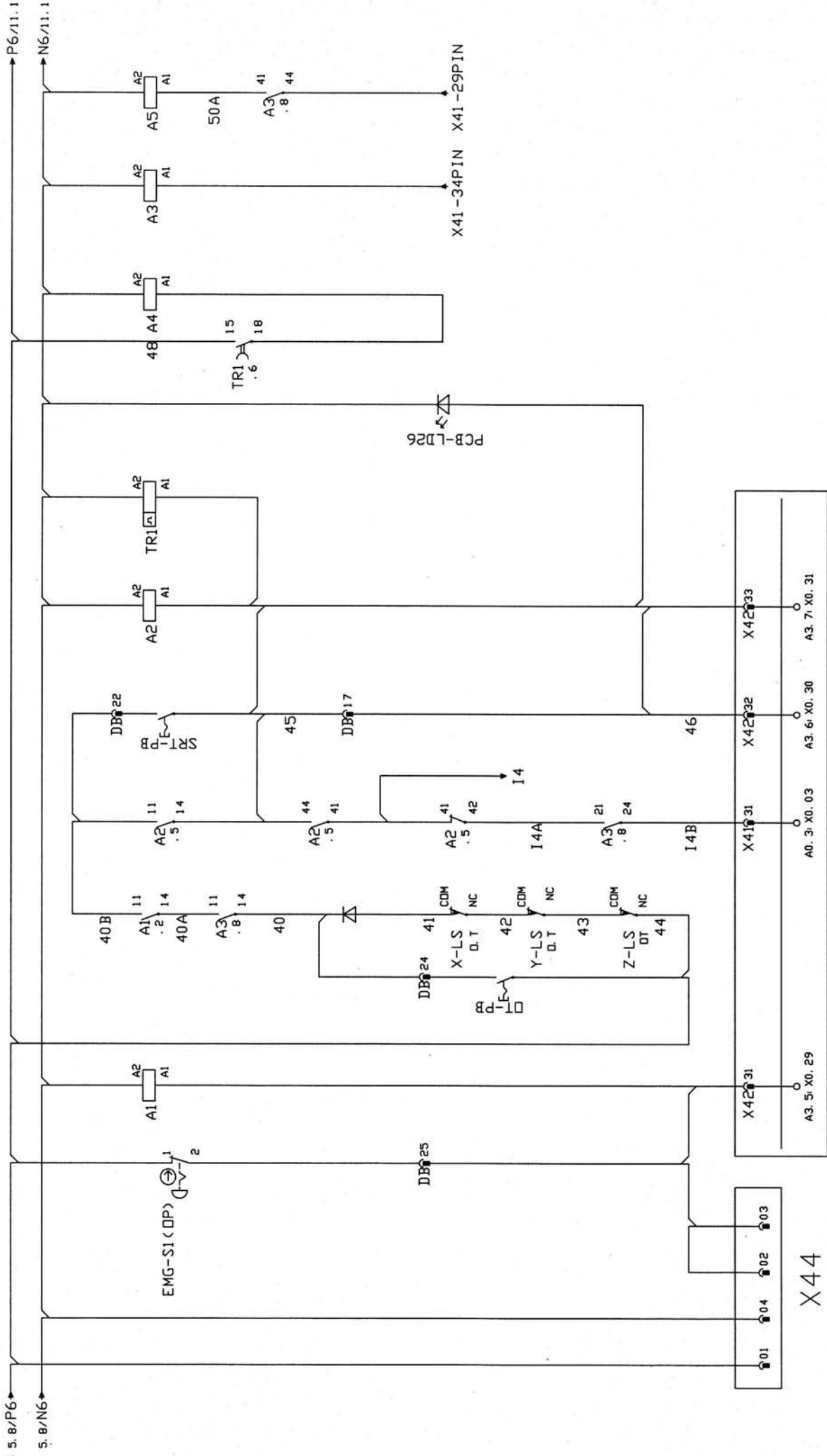
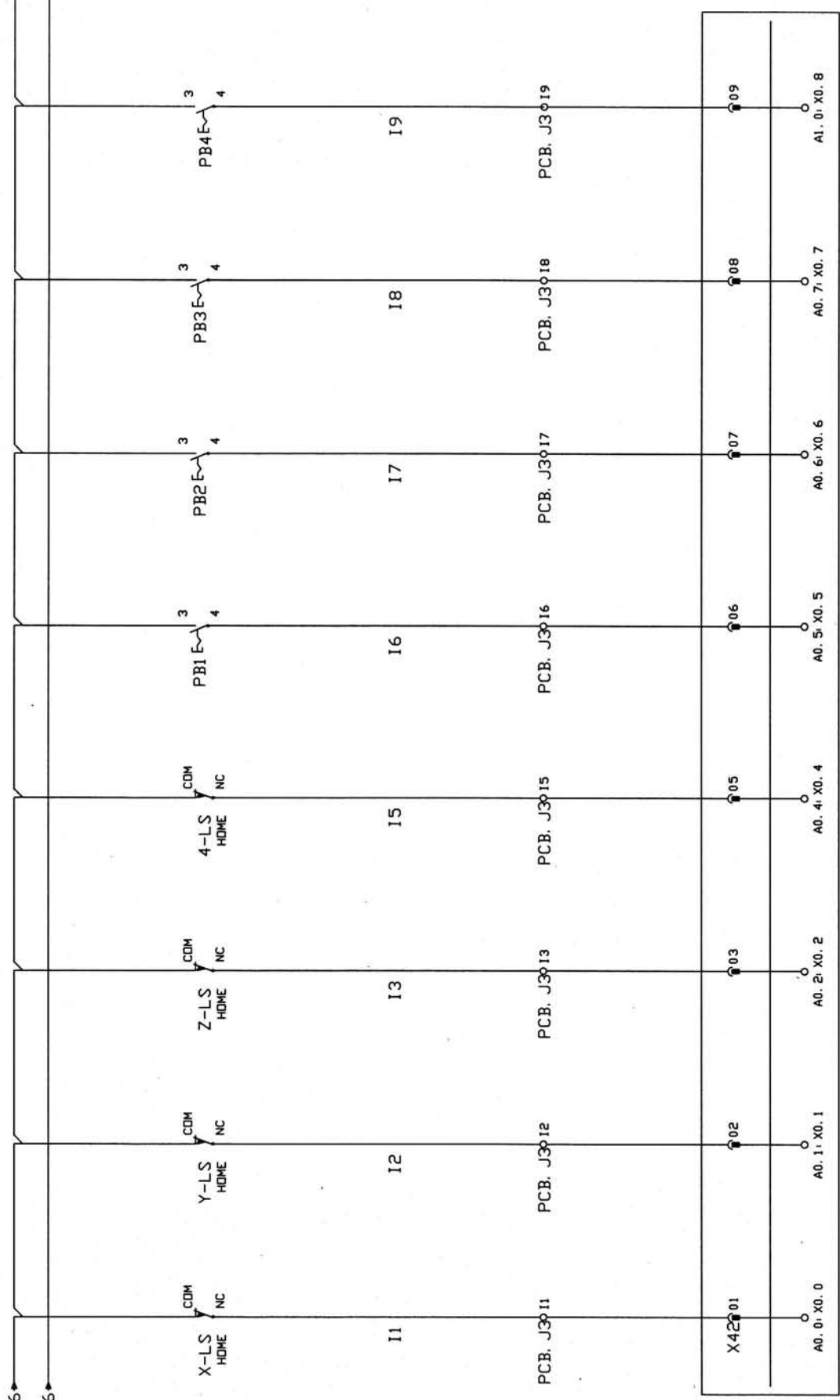


IMAGE OF E-STOP 11-14.3
 CNCACK IMAGE OF DRV ENABLE 11-14.4
 *SYSTEM DRV ENABLE HARDWARE 41-44.4, 41-42.4
 X42 33 15-18.7
 X42 32 A3.6, X0.30 A3.7, X0.31
 X41 31 A0.3, X0.03 A3.7, X0.31
 X42 31 A3.5, X0.29
 X44 01, 02, 03, 04
 X41-34PIN
 X41-29PIN
 50A
 TR1 .6
 DB22
 DB24
 DB25
 DB17
 DB18
 DB19
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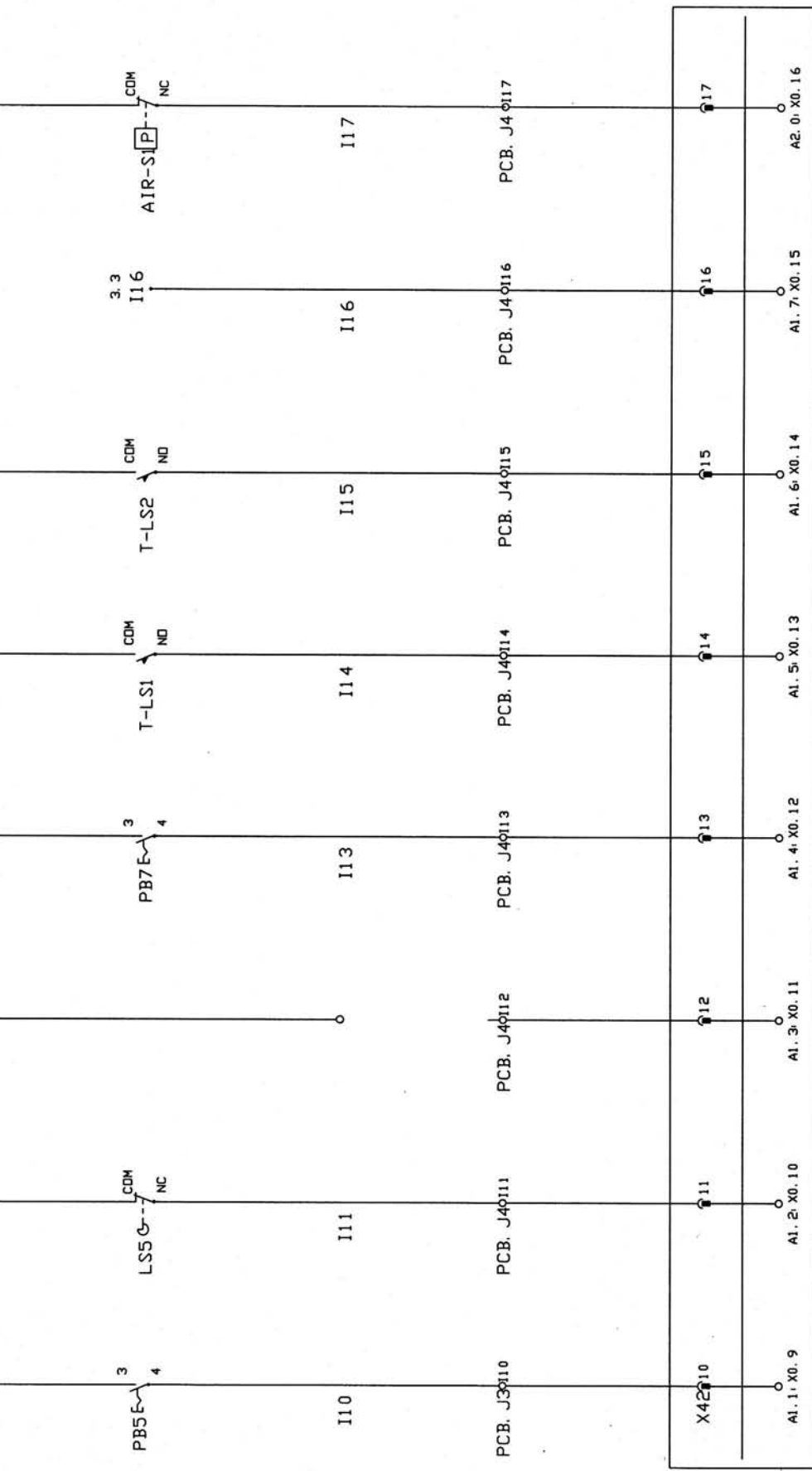
24V) 10. 9P6 →
 CC0V) 10. 9N6 →



XHOME YHOME ZHOME AX4 HOME (SPARE) MAG CW PB. MAG CCW PB. MAG HOME PB. ARM SW PB.

X42
10.2

C24V)11.9P6 →
 C0V) 11.9N6 →
 P6/13.1 →
 N6/13.1 →



DOOR
 RESEASE
 PB.
 (OPTION)

DOOR
 LIMIT
 LS.
 (OPTION)

TOOL
 UNCLAMP
 PB.

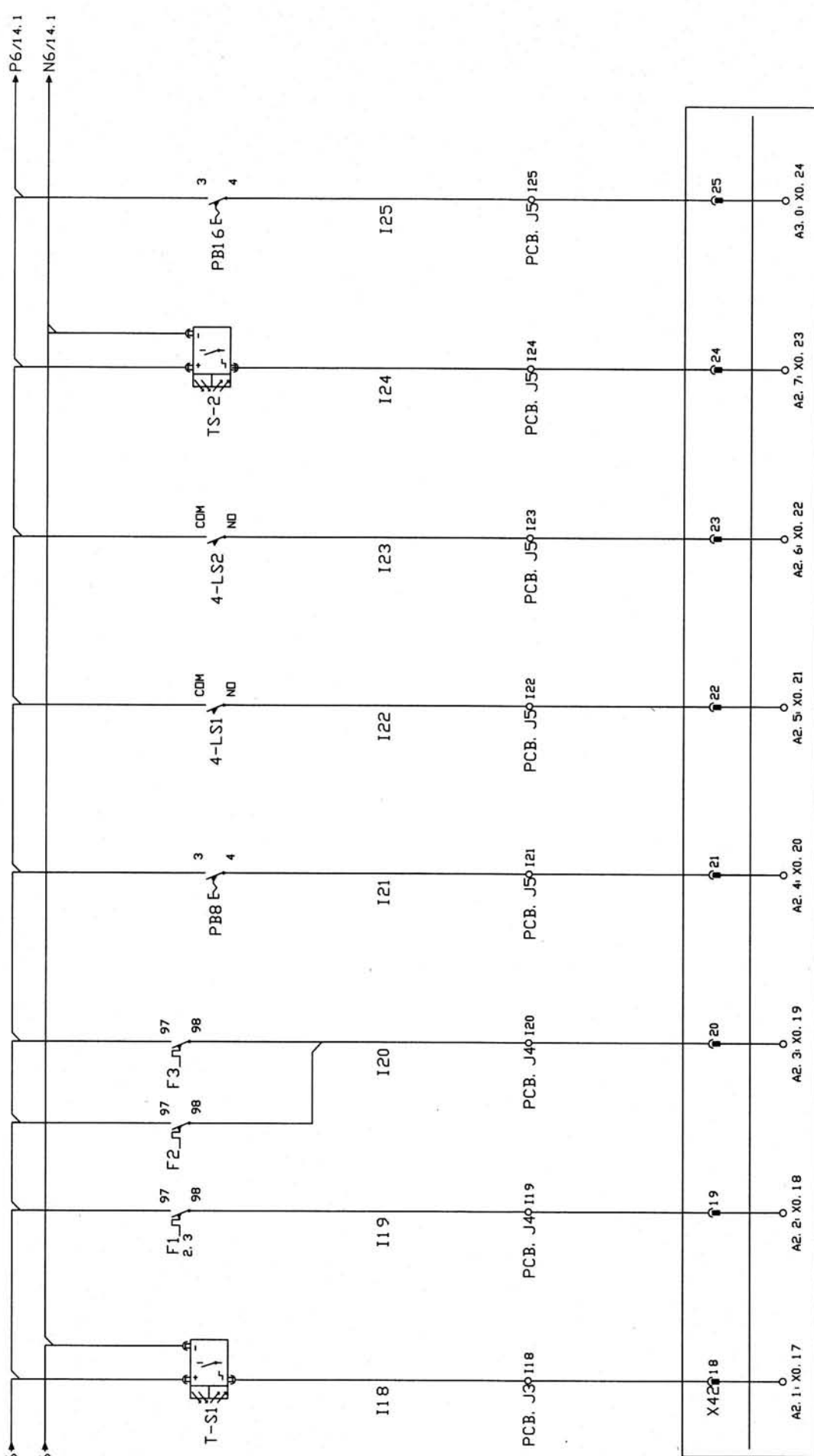
TOOL IN
 SWITCH

TOOL OUT
 SWITCH

MAG HOME
 PB

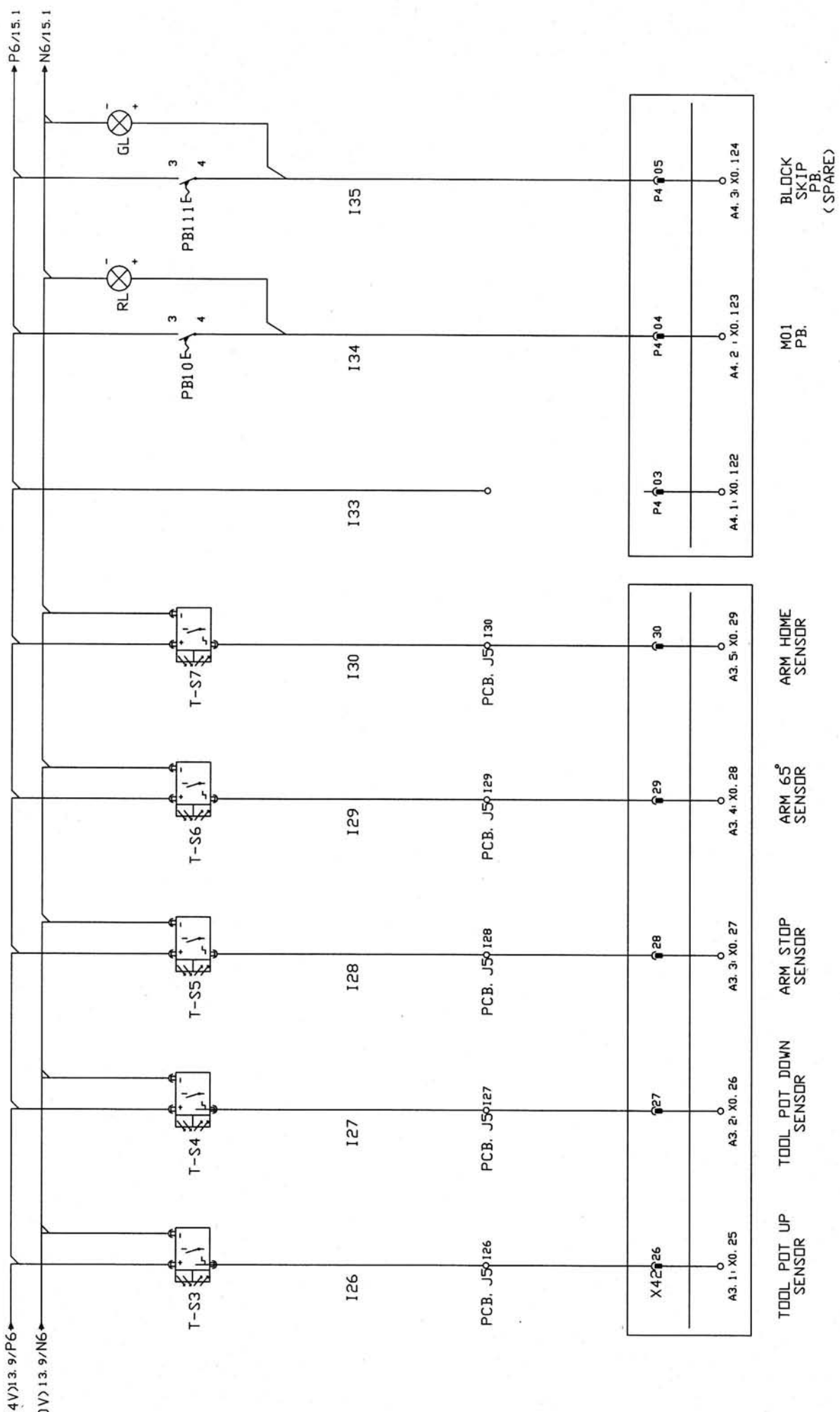
ARM SW
 PB.

X42
 10.2



MAG COMPUTER SENSOR (SPARE)
 ALL MOTOR OVERLOAD
 TABLE BLASL AIR PB.
 4TH UCLP LIM SW (POTION)
 4TH CLP LIM SW (POTION)
 MAG HOME SENSOR
 COOLANT PUMP PB.

X42
10.2

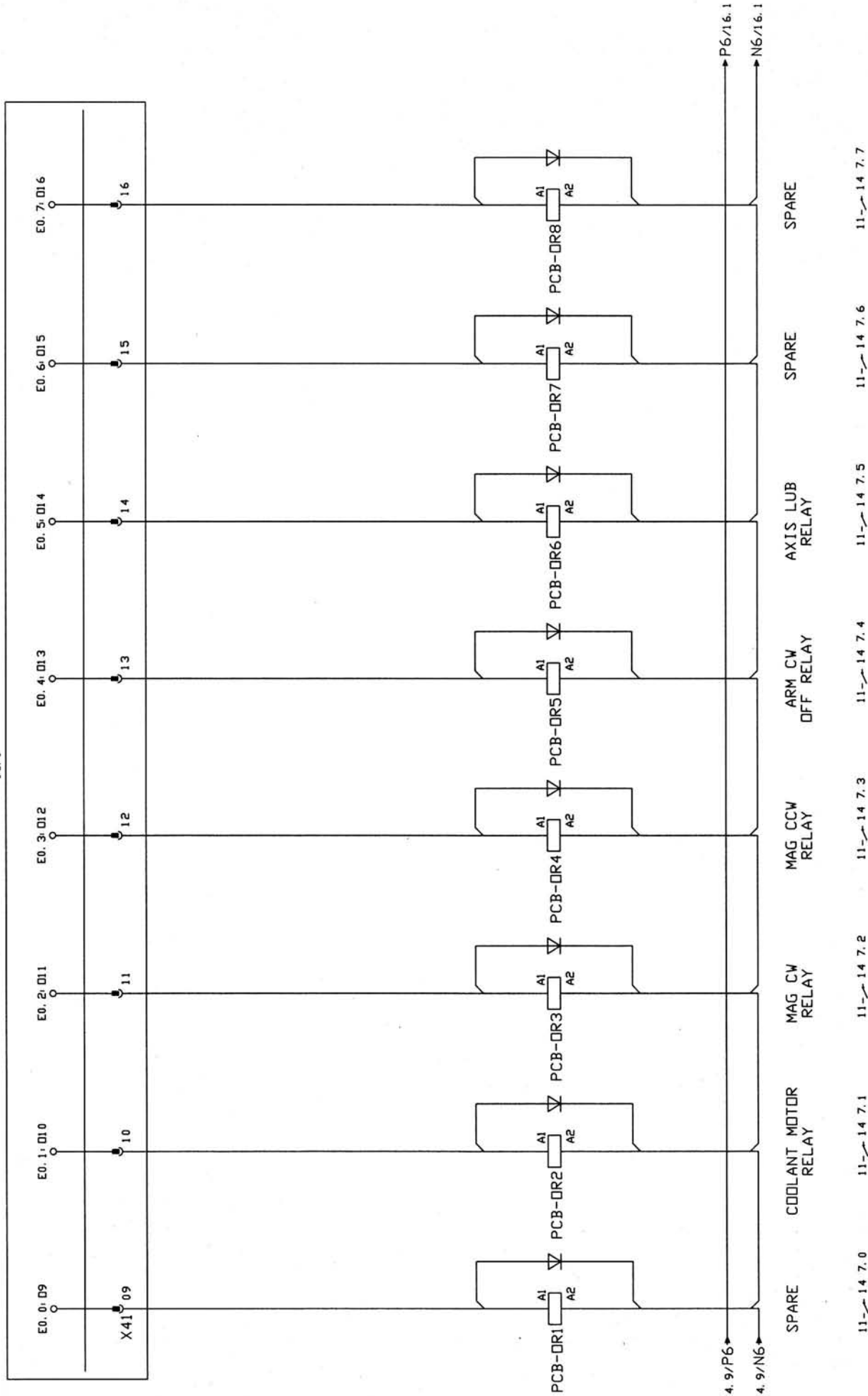


X42
10.2

GROUP TITLE : CNC I/O(INPUT) -4	MACHINE MODEL EMC-2240A	CONTROL : ANILAM 6000i	Date: 01. APR. 2008	15
			PAGE 14	

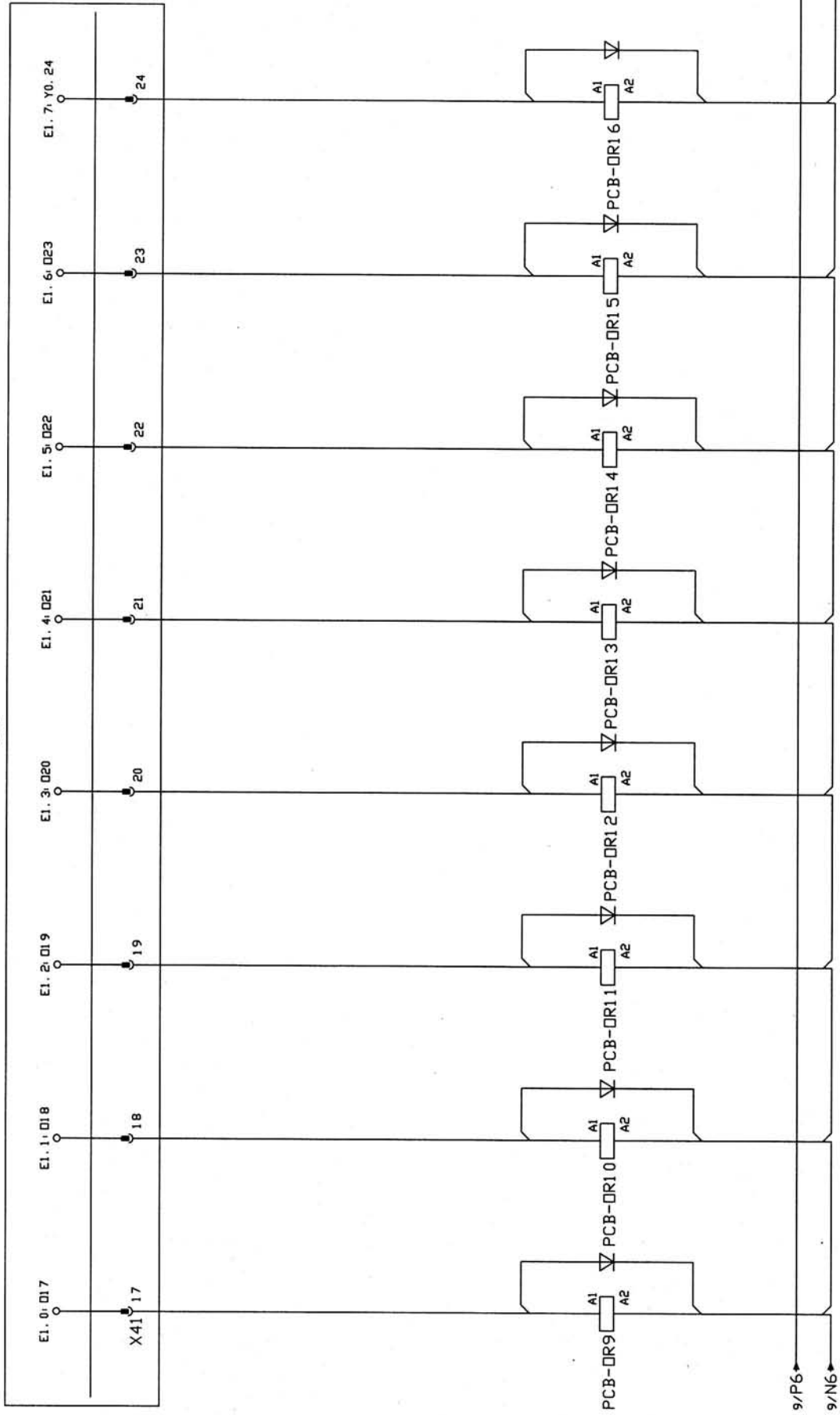
- TOOL POT UP SENSOR
- TOOL POT DOWN SENSOR
- ARM STOP SENSOR
- ARM 65° SENSOR
- ARM HOME SENSOR
- M01 PB.
- BLOCK SKIP PB. (SPARE)

X41
16.0



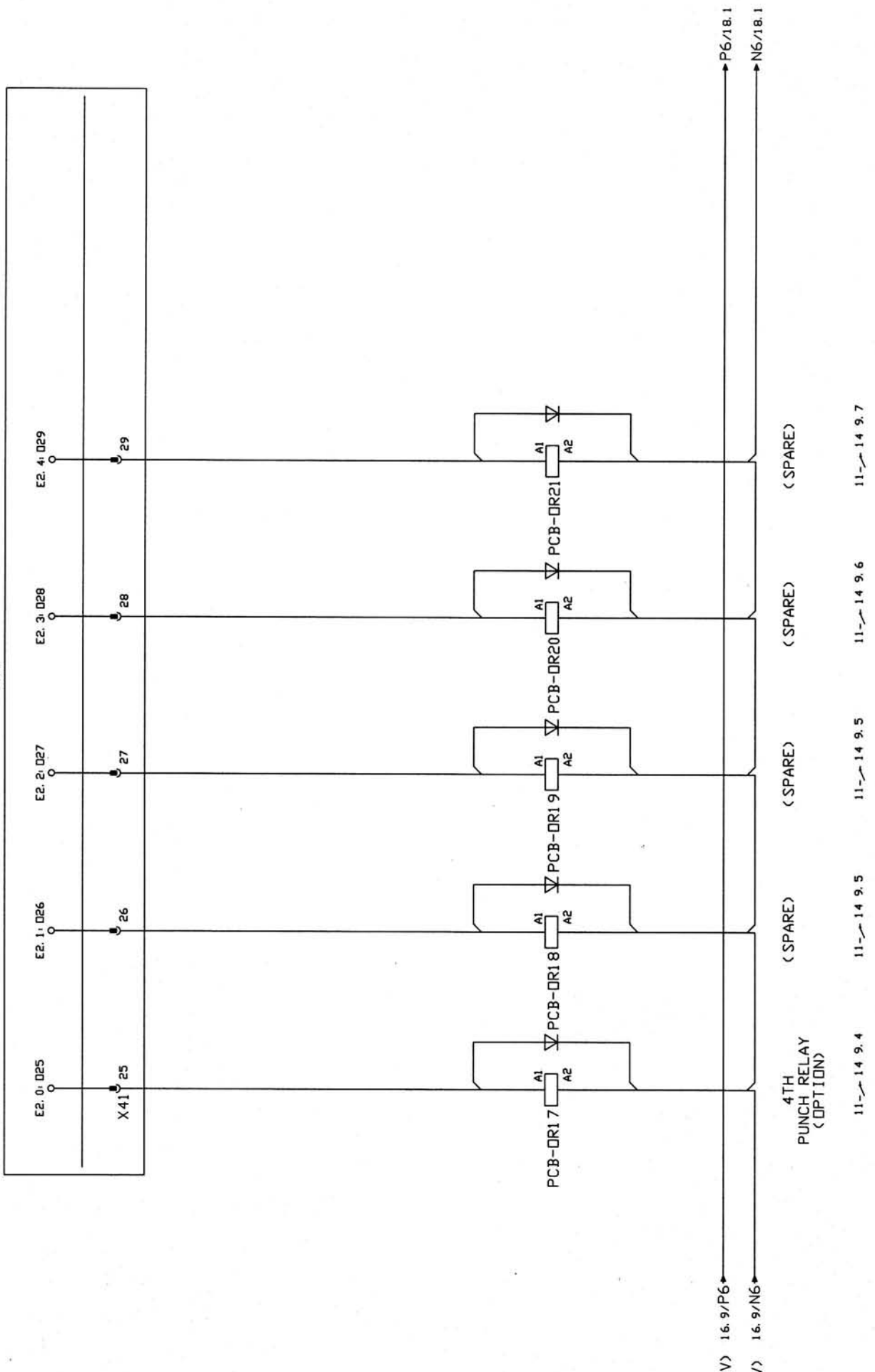
11-14 7.0	11-14 7.1	11-14 7.2	11-14 7.3	11-14 7.4	11-14 7.5	11-14 7.6	11-14 7.7
SPARE	COOLANT MOTOR RELAY	MAG CW RELAY	MAG CCW RELAY	ARM CW OFF RELAY	AXIS LUB RELAY	SPARE	SPARE

X41
15.0

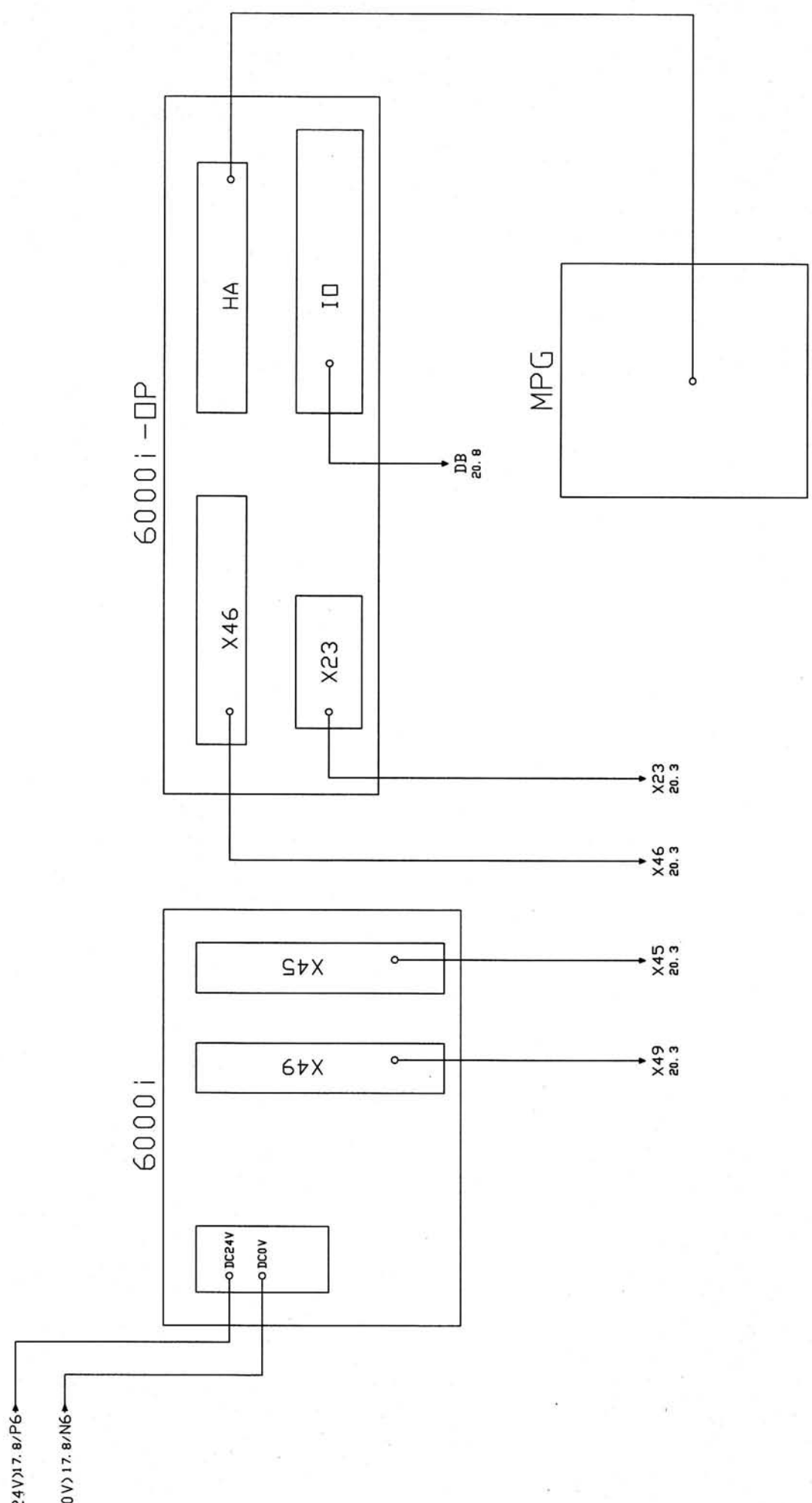


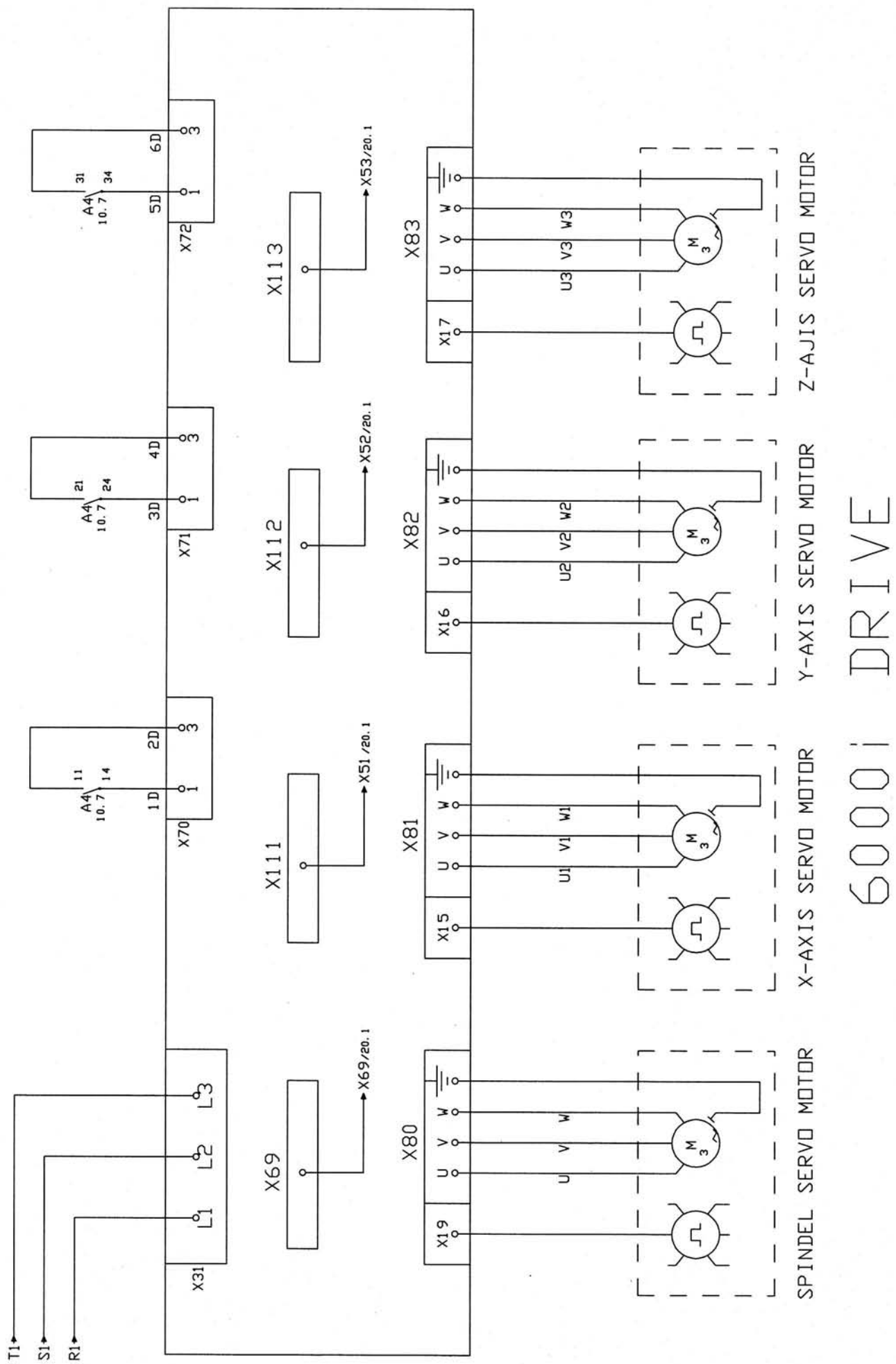
SPARE	M02 YELLOW RELAY	ALARM RED RELAY	SPARE	SPARE	TOOL DOWN RELAY	TABLE BLASTING AIR RELAY	TOOL POT DOWN RELAY
11-14 7.8	1-14 8.2	11-14 8.3	11-14 8.4	11-14 8.5	11-14 9.0	11-14 9.1	11-14 9.2

X41
16.0



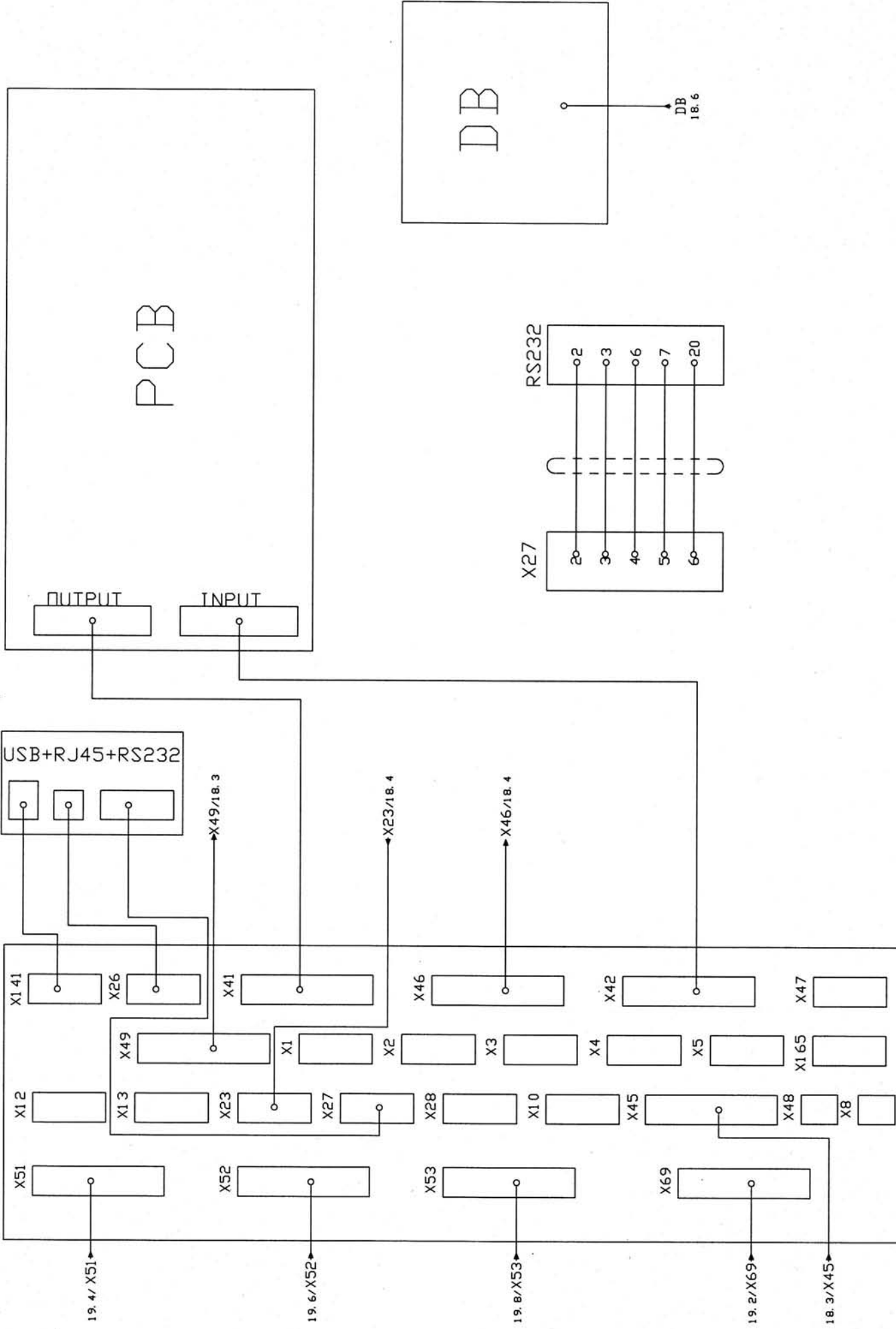
MACHINE MODEL EMC-2240A	CONTROL :	Date:	PAGE
	TITLE : CNC I/O(OUTPUT)-3	ANILAM 6000i	01. APR. 2008

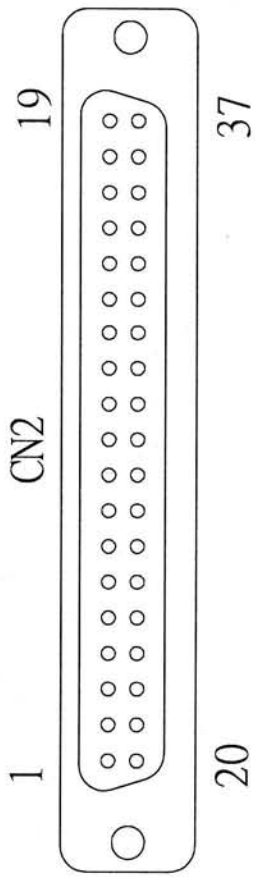




6000i DRIVE

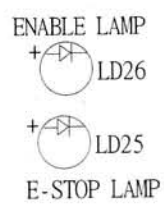
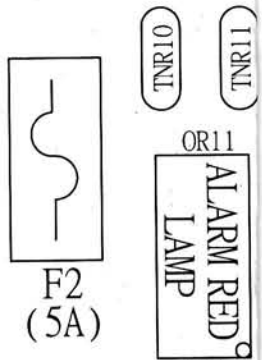
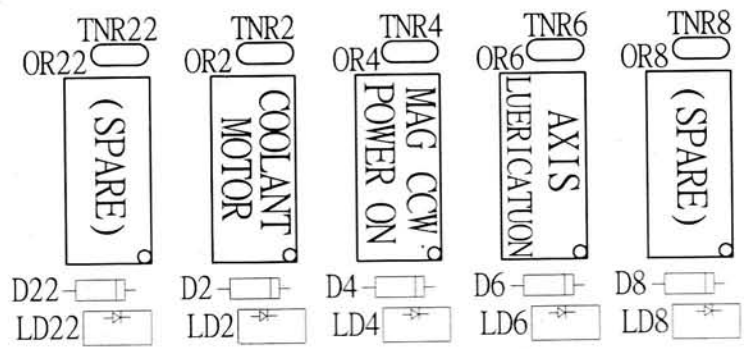
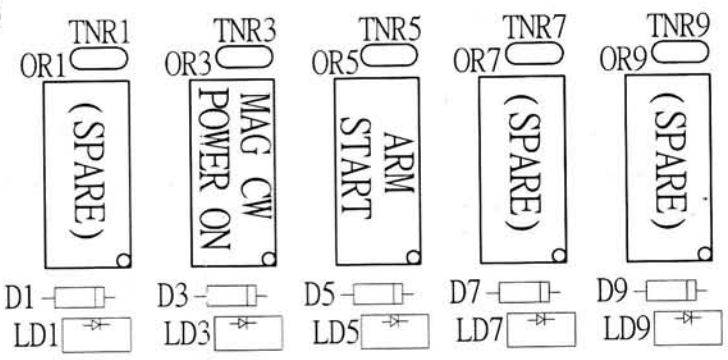
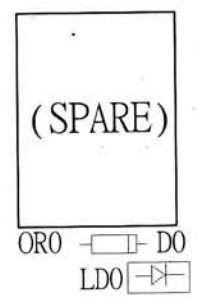
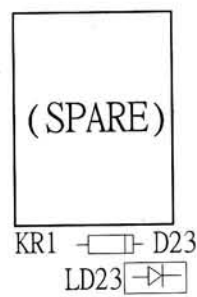
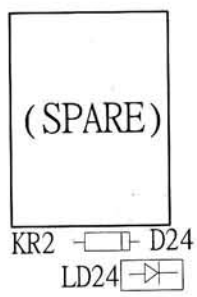
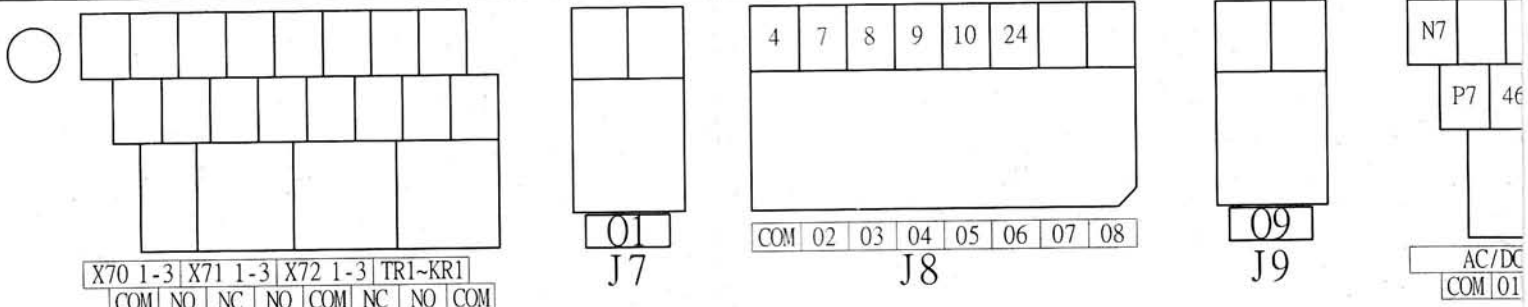
R GROUP	TITLE : CNC 6000i DRIVER	MACHINE MODEL EMC-2240A	CONTROL : ANILAM 6000i	Date : 01. APR. 2008	PAGE	19
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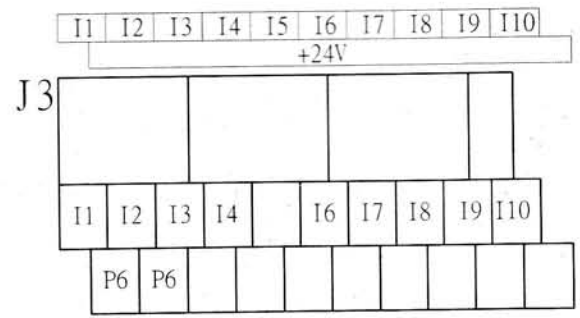
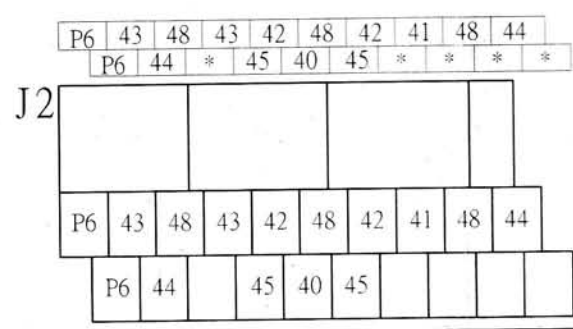
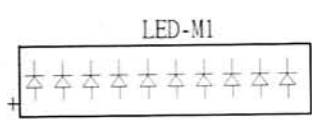


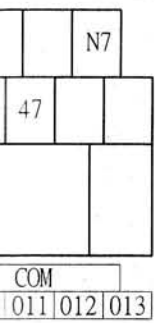
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X41-19	PE
X41-18	X41-37
X41-17	X41-36
X41-16	X41-35
X41-15	X41-34
X41-14	X41-33
X41-13	X41-32
X41-12	I4B
X41-11	X41-30
X41-10	X41-29
X41-9	X41-28
X41-8	X41-27
X41-7	X41-26
X41-6	X41-25
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X41-3	X41-22
X41-2	X41-21
X41-1	X41-20

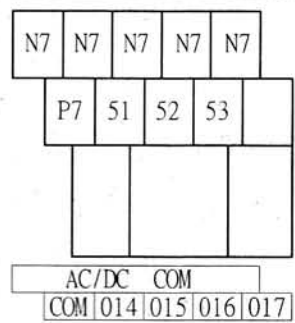


JD-001_A -FOR- EMC-2240A-6000i

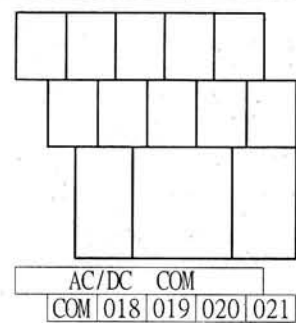




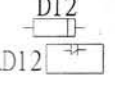
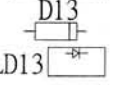
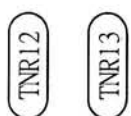
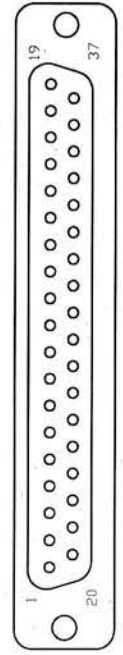
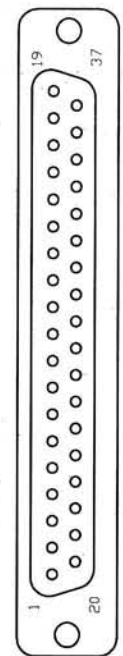
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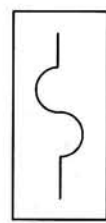
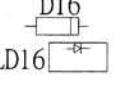
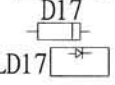
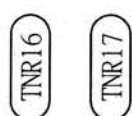
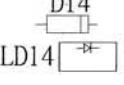
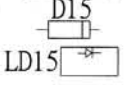
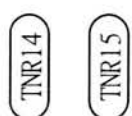
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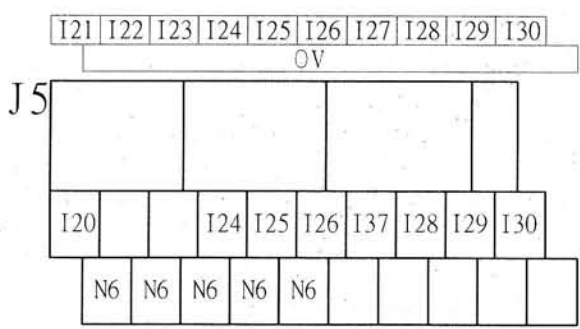
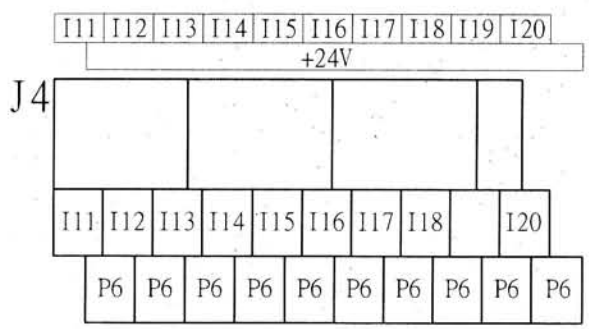
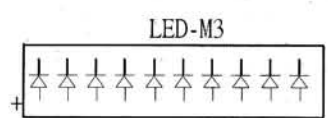
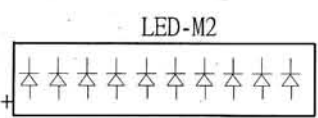
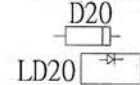
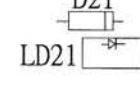
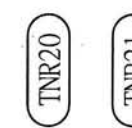
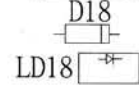
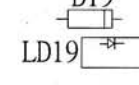
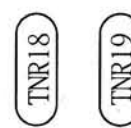
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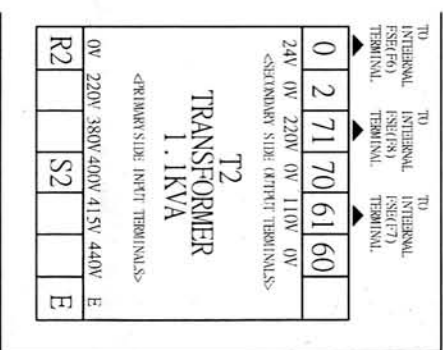
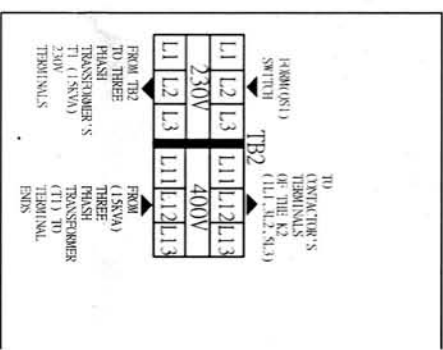
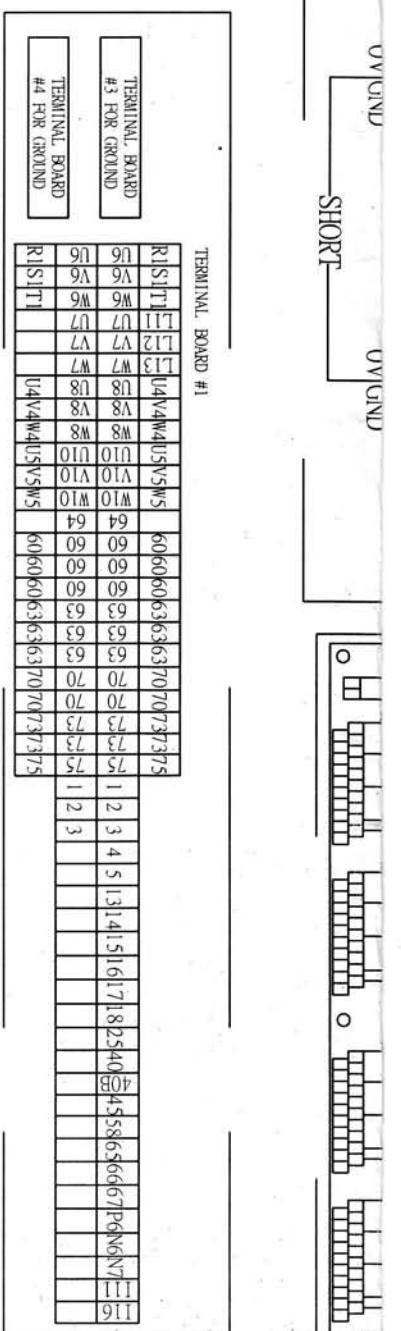
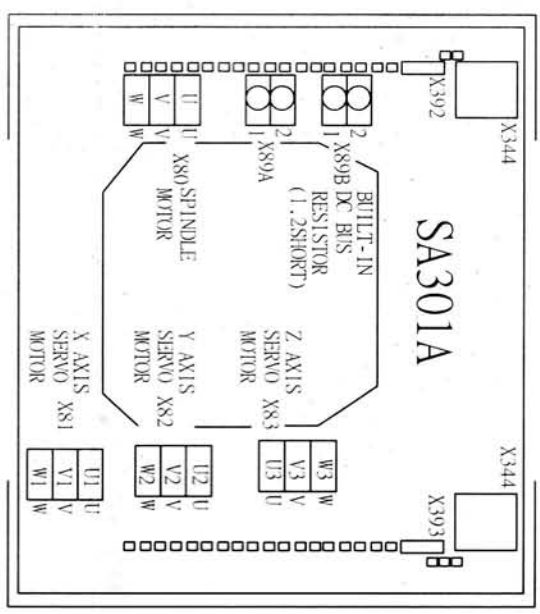
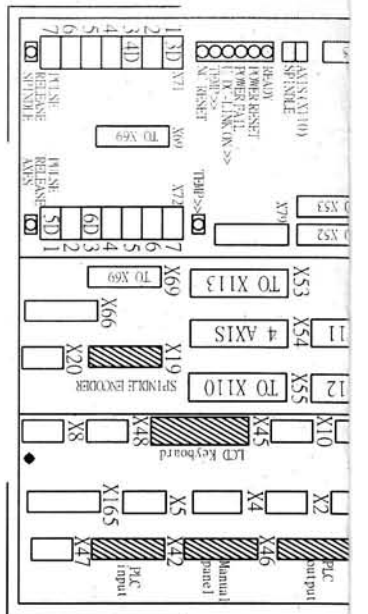


F3 (5A)



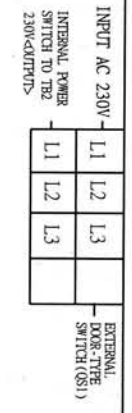
F4 (5A)





ACFR-EMC-2240A-600

63 FPN
AC 110V



63 FPN
AC 110V

