

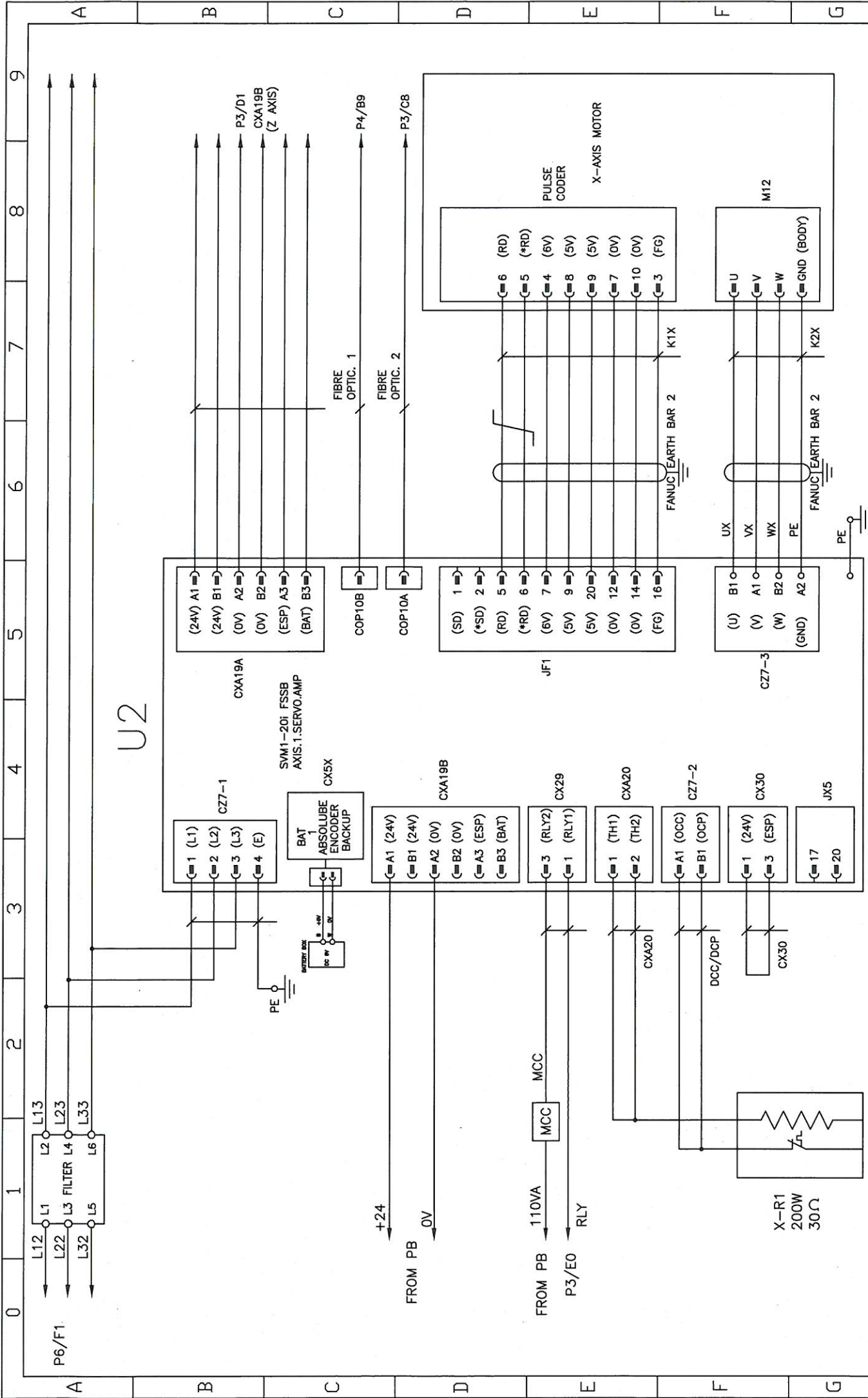
**SHARP**

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**OD-1524X**  
**Plunge Type Cylindrical CNC Grinder**  
**Electrical Manual**

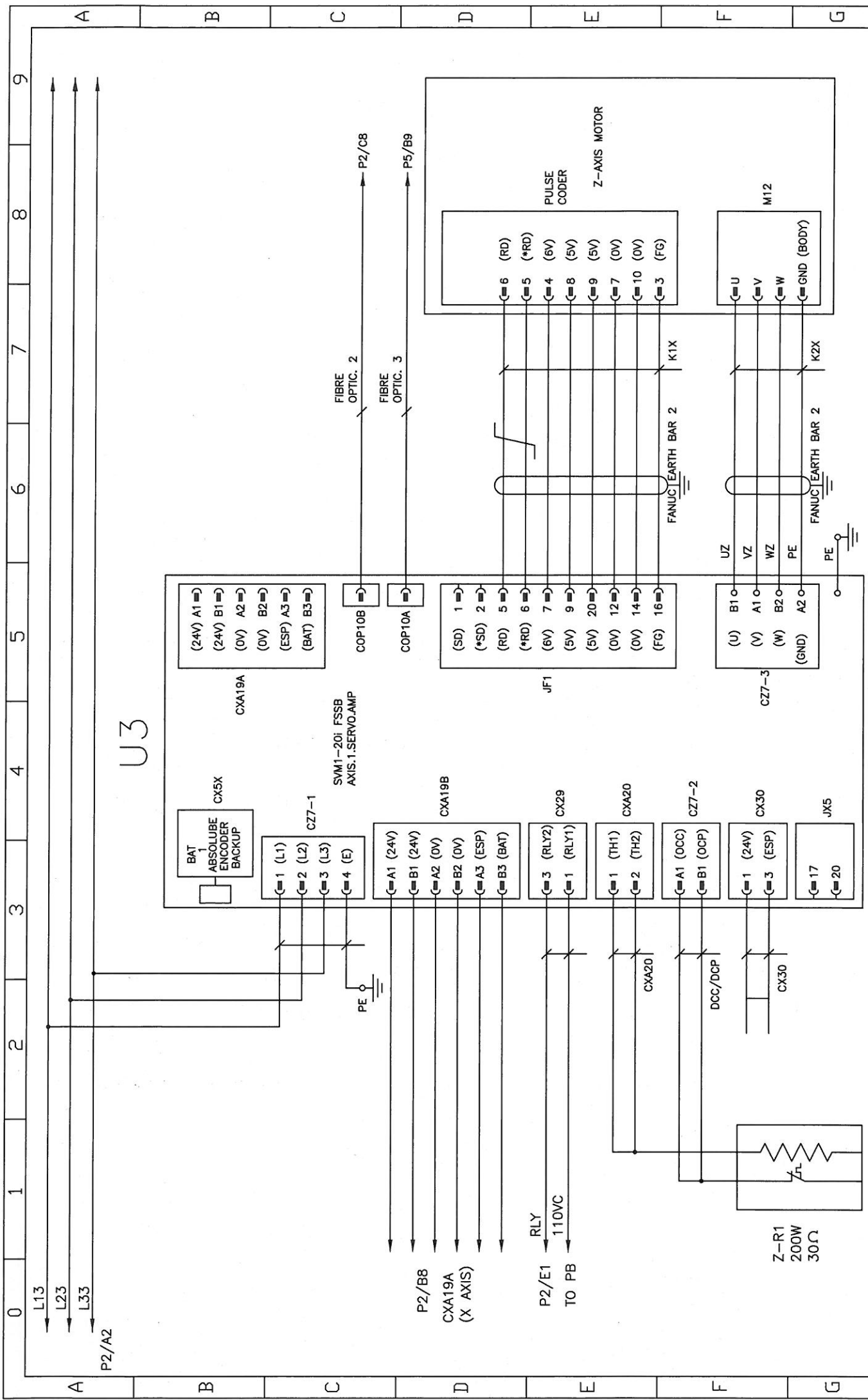
**Sharp Industries, Inc.**





U2

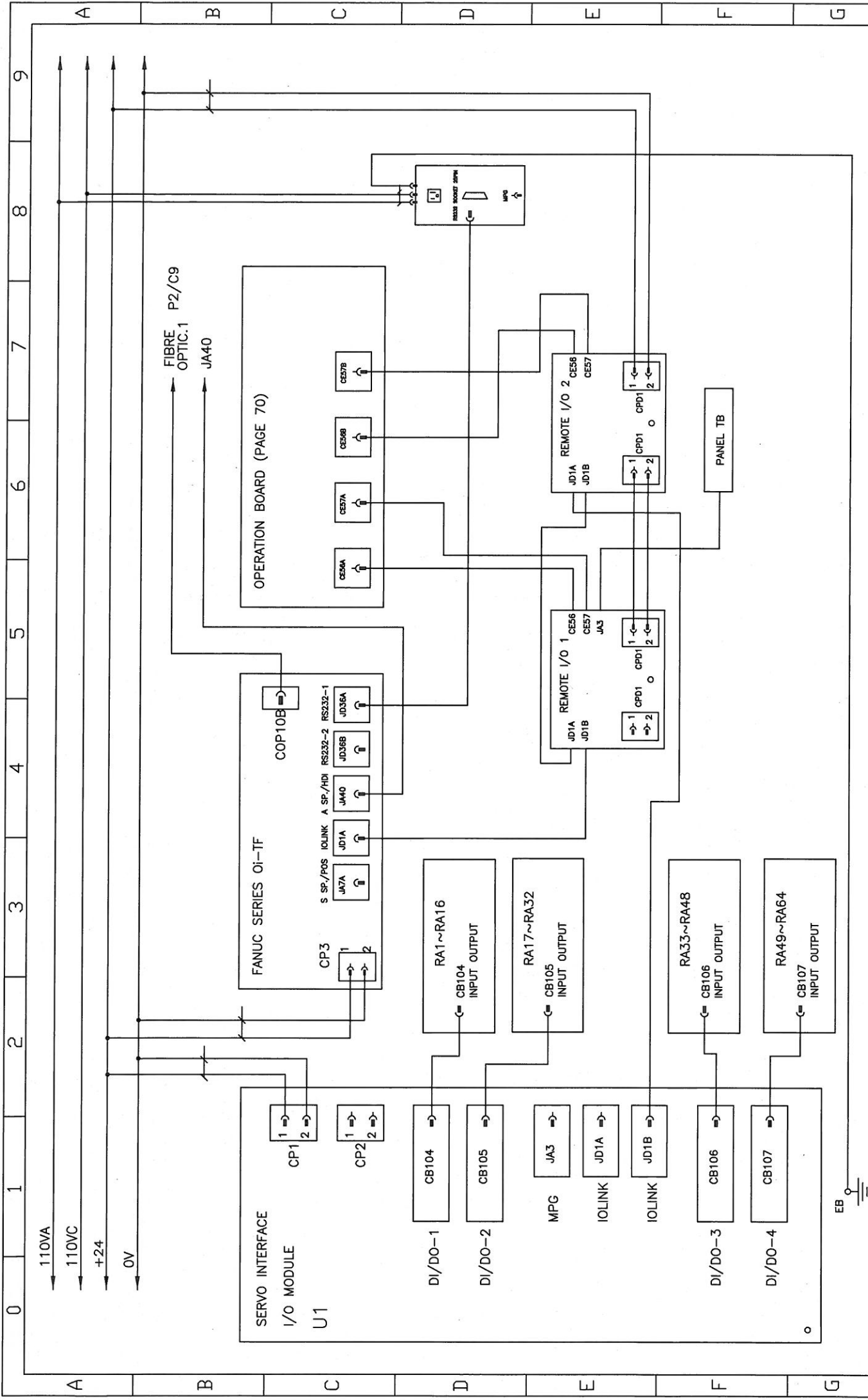
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c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title:	X AXIS AMPLIFIER		
b	Designed	16	10	14	SHUN							
a	Drawn	16	10	14	SHUN							



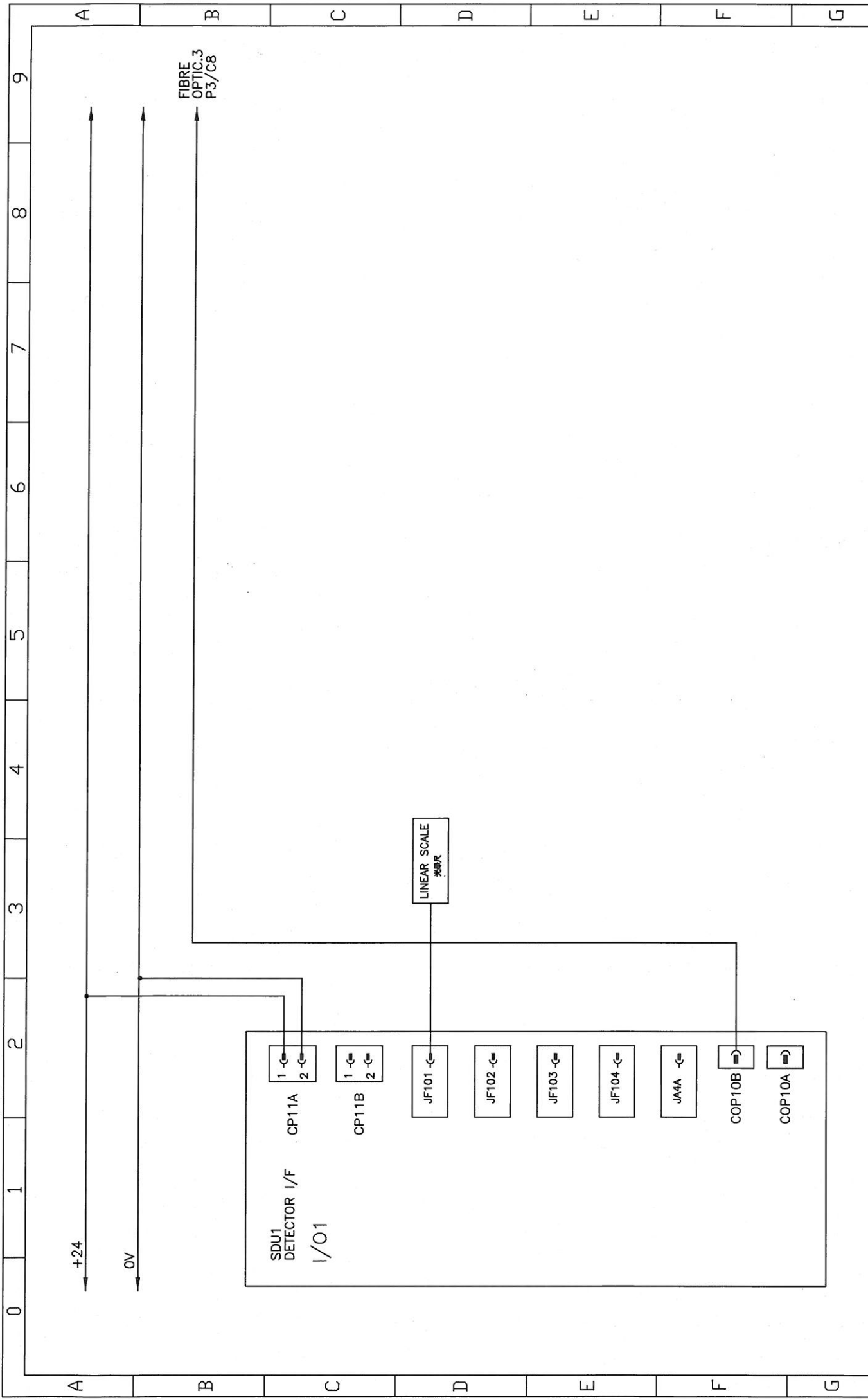
U3

d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type 0i-TF	Machine: DD Grinding	Drawing No.: 03
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b	Designed	16	10	14	SHUN				
a	Drawn	16	10	14	SHUN				
							<b>MODEL</b>	<b>OD-CNC</b>	Title: Z AXIS AMPLIFIER

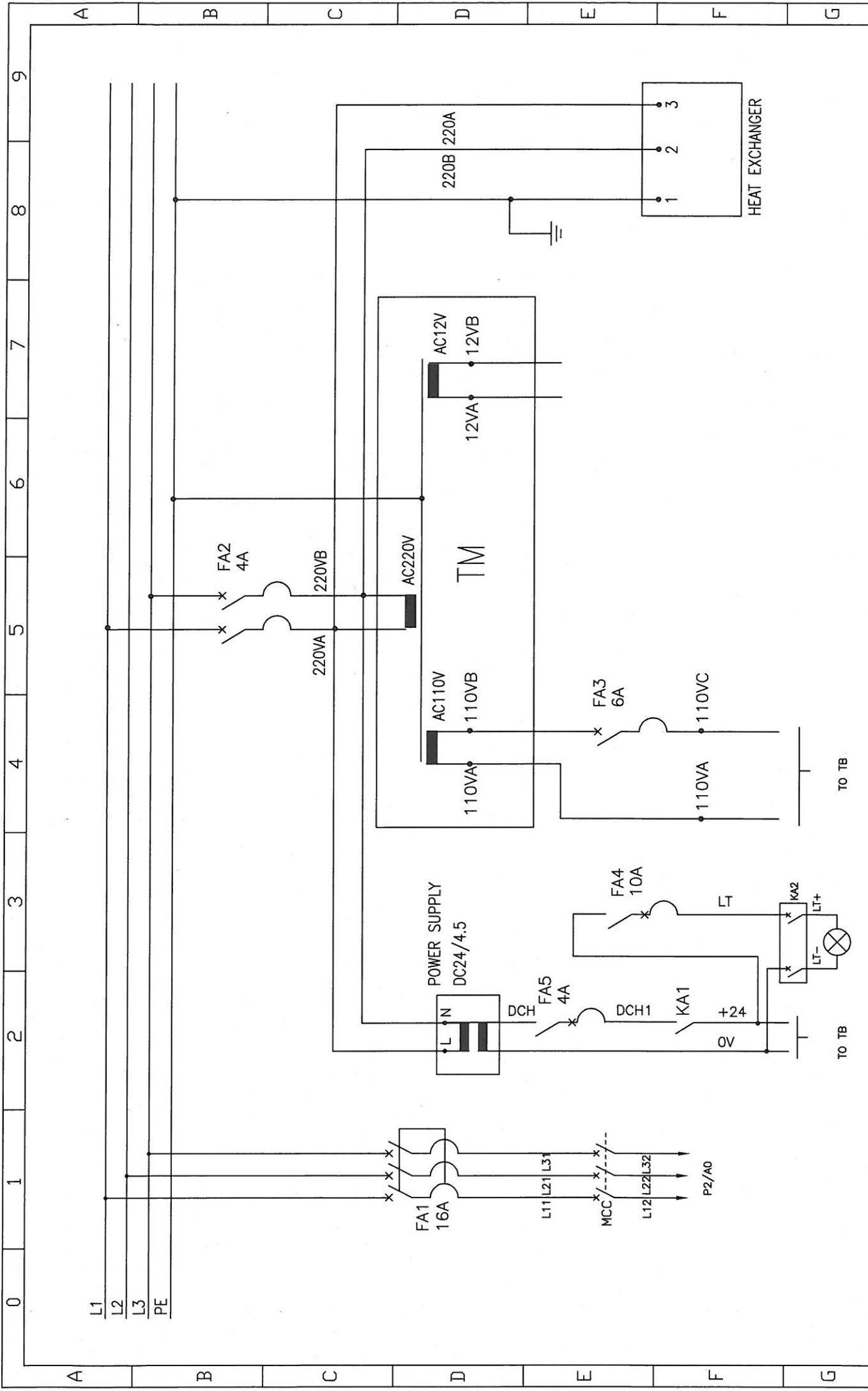




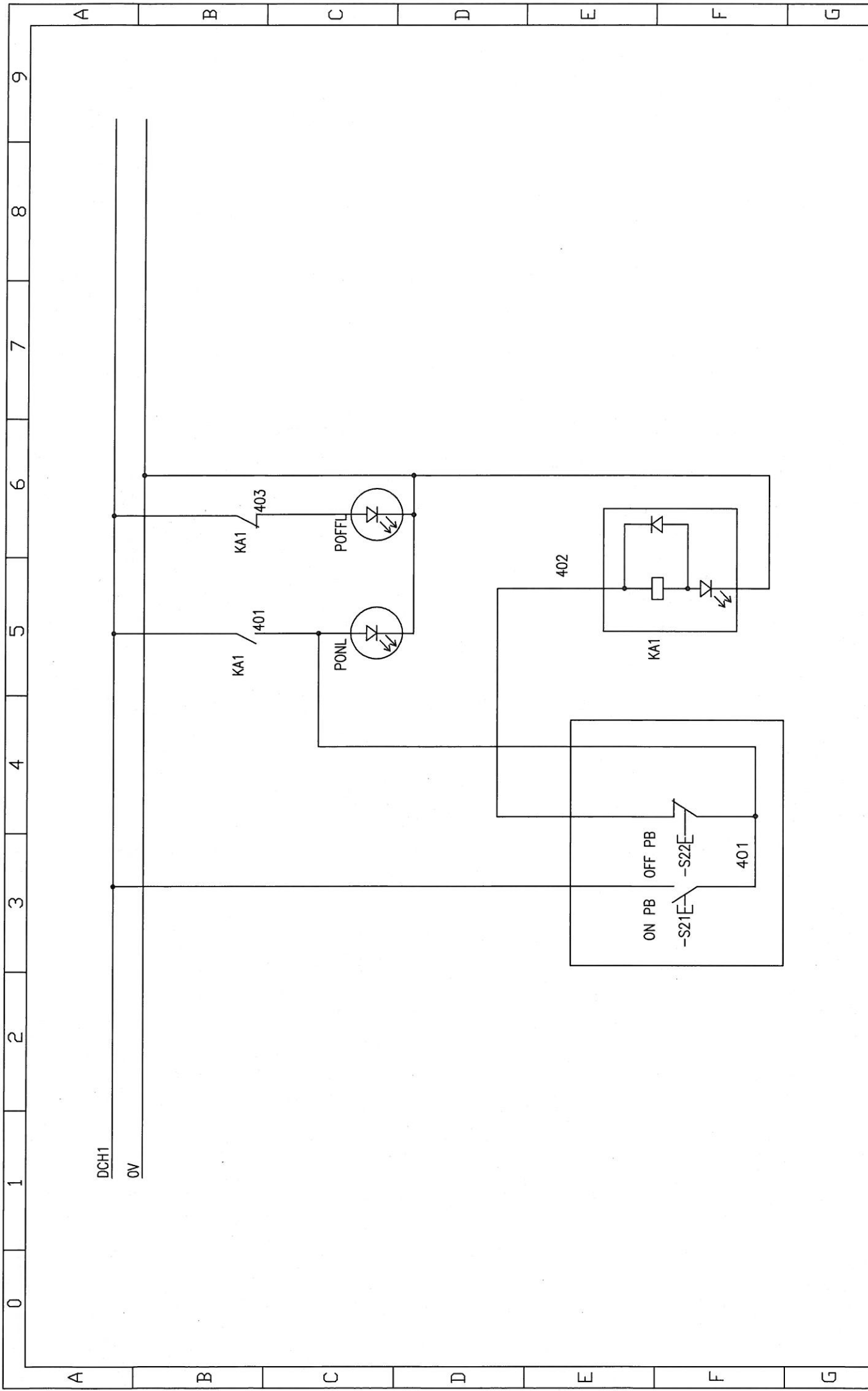
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b	Designed	16	10	14	SHUN				
a	Drawn	16	10	14	SHUN				
							<b>OD-CNC</b>	PC ROM	Title: CNC CONTROL SYSTEM



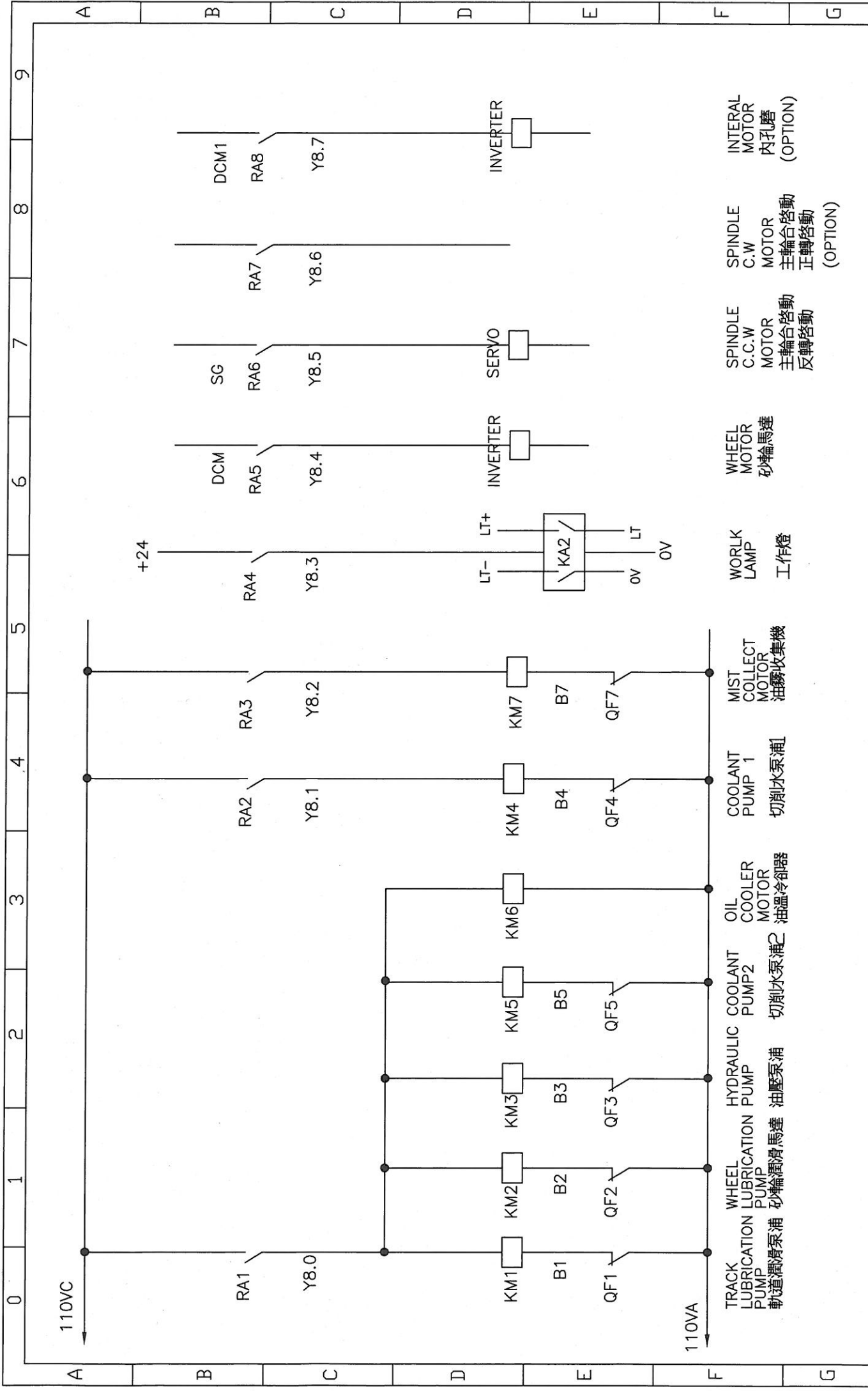
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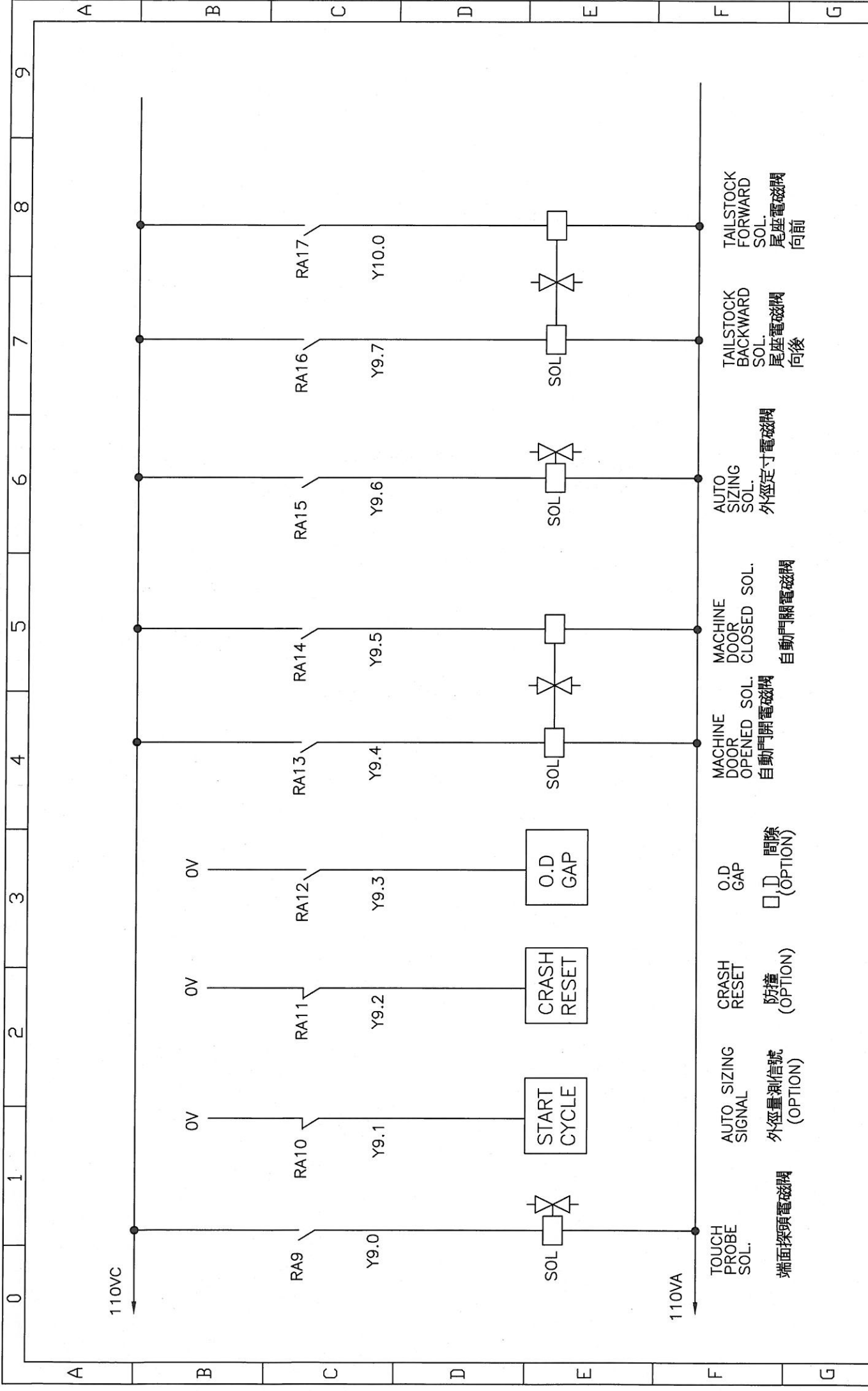
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c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title:	AIR COOLANT & AC POWER SUPPLY		
b	Designed	16	10	14	SHUN							
a	Drawn	16	10	14	SHUN							



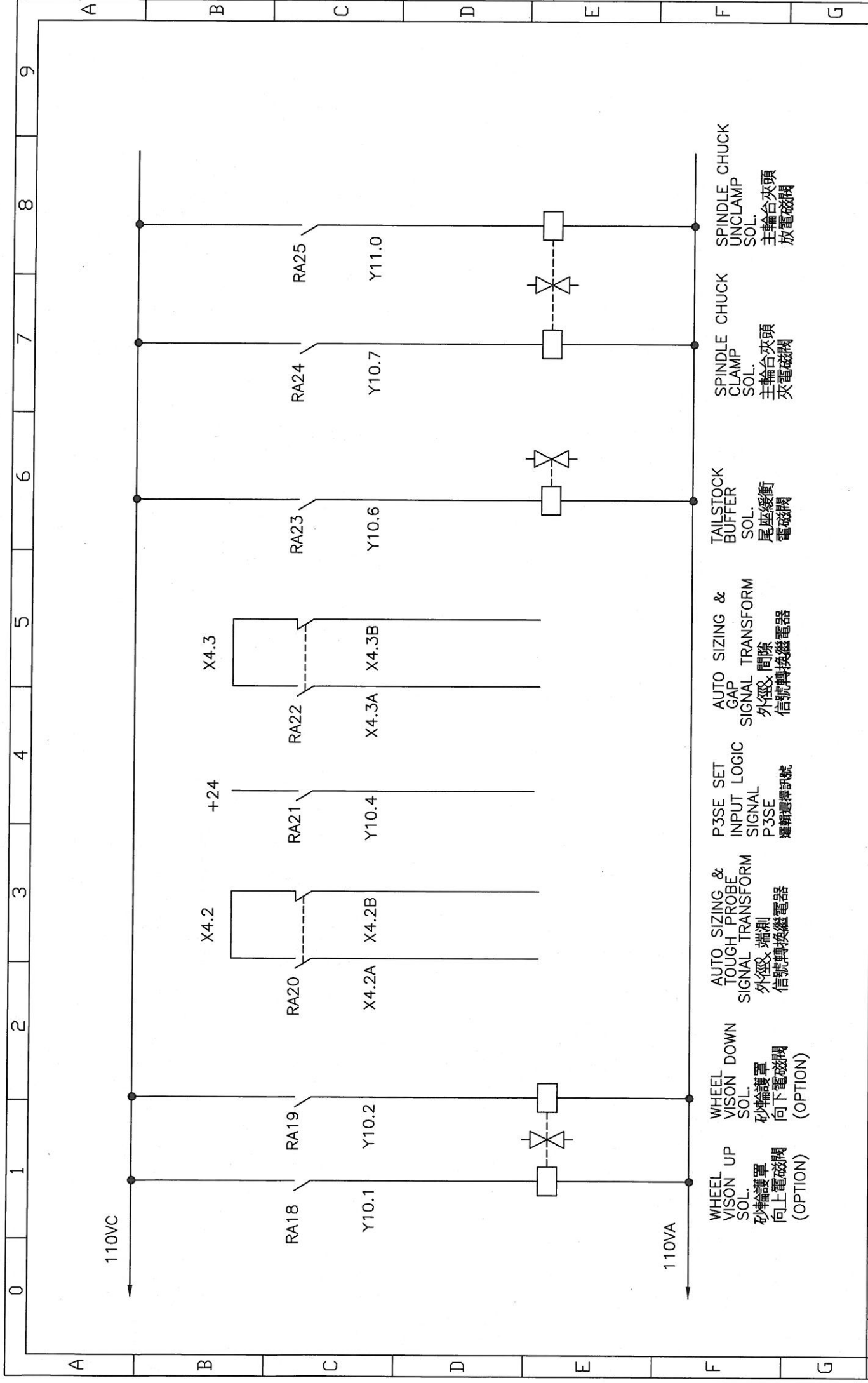
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b	Designed	16	10	14	SHUN		Title: POWER ON/OFF CONTROL				
a	Drawn	16	10	14	SHUN						



d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0I-TF	Machine:	□□ Grinding	Drawing No.:	08
c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title:	CONTROL SYSTEM		
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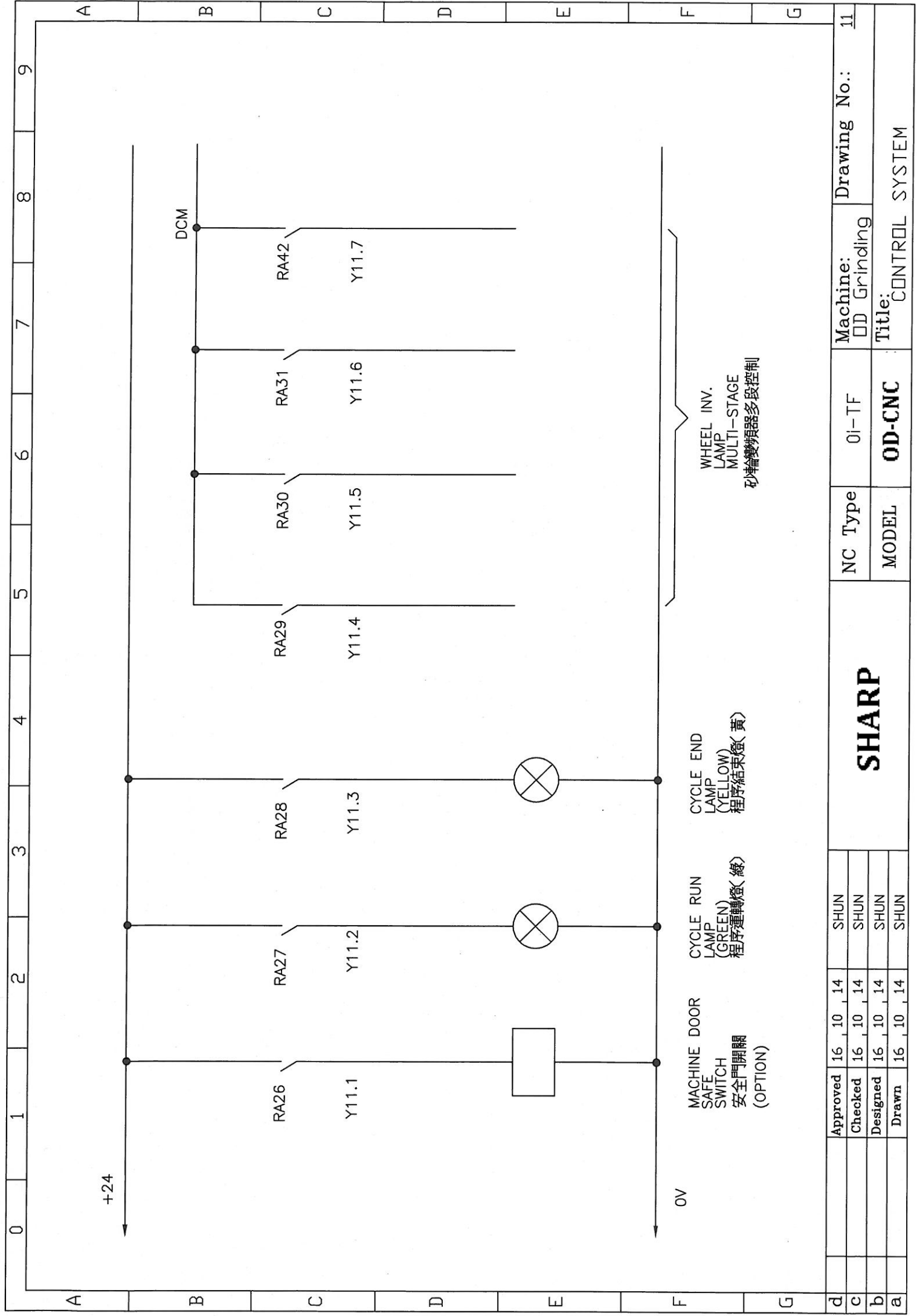


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a	Drawn	16	10	14	SHUN							

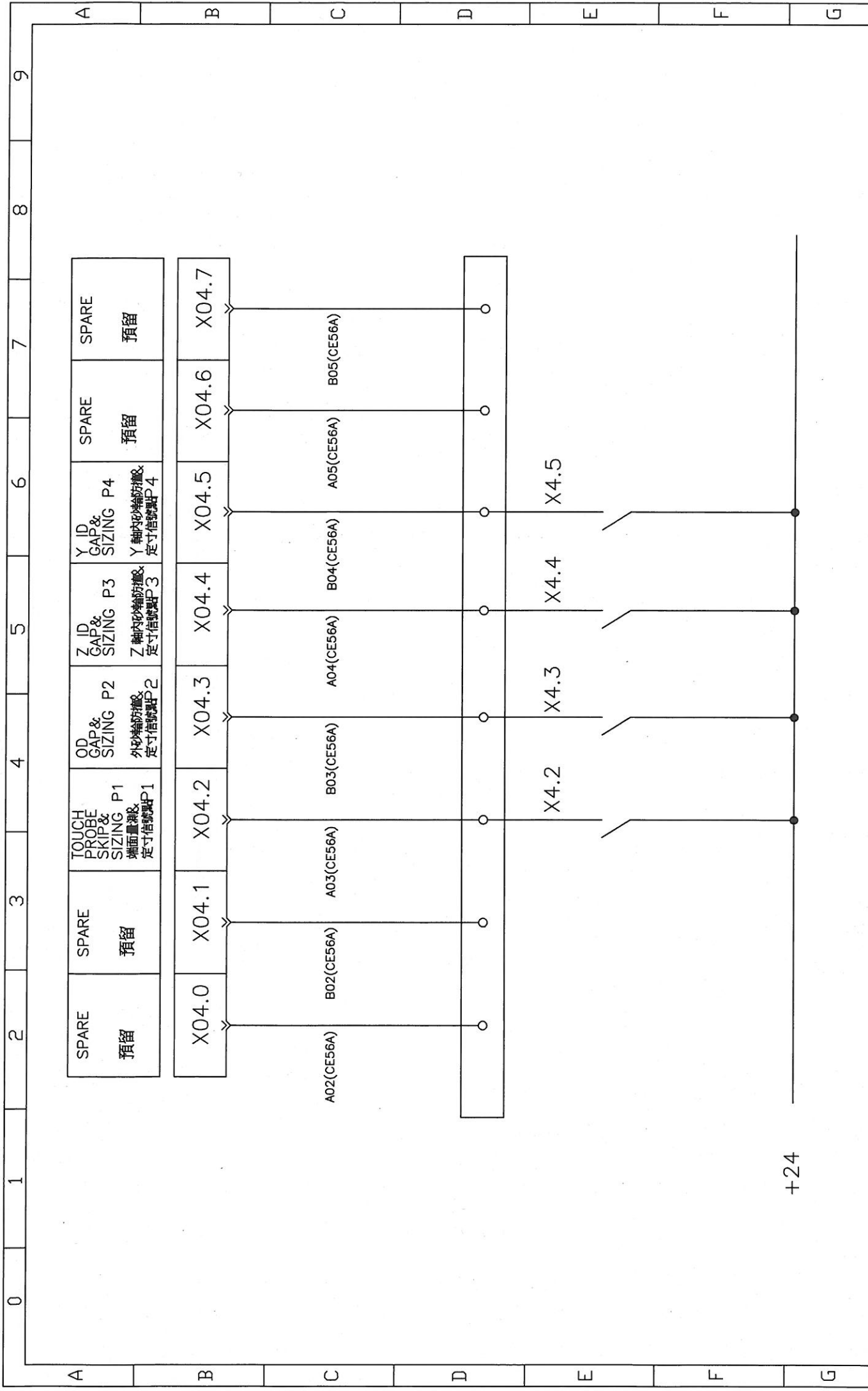


Drawing No.:		10	
Machine:		0i-TF	
Title:		CONTROL SYSTEM	
NC Type		0i-TF	
MODEL		OD-CNC	
<b>SHARP</b>			
Approved	16	10	14
Checked	16	10	14
Designed	16	10	14
Drawn	16	10	14
	SHUN		
	SHUN		
	SHUN		
	SHUN		

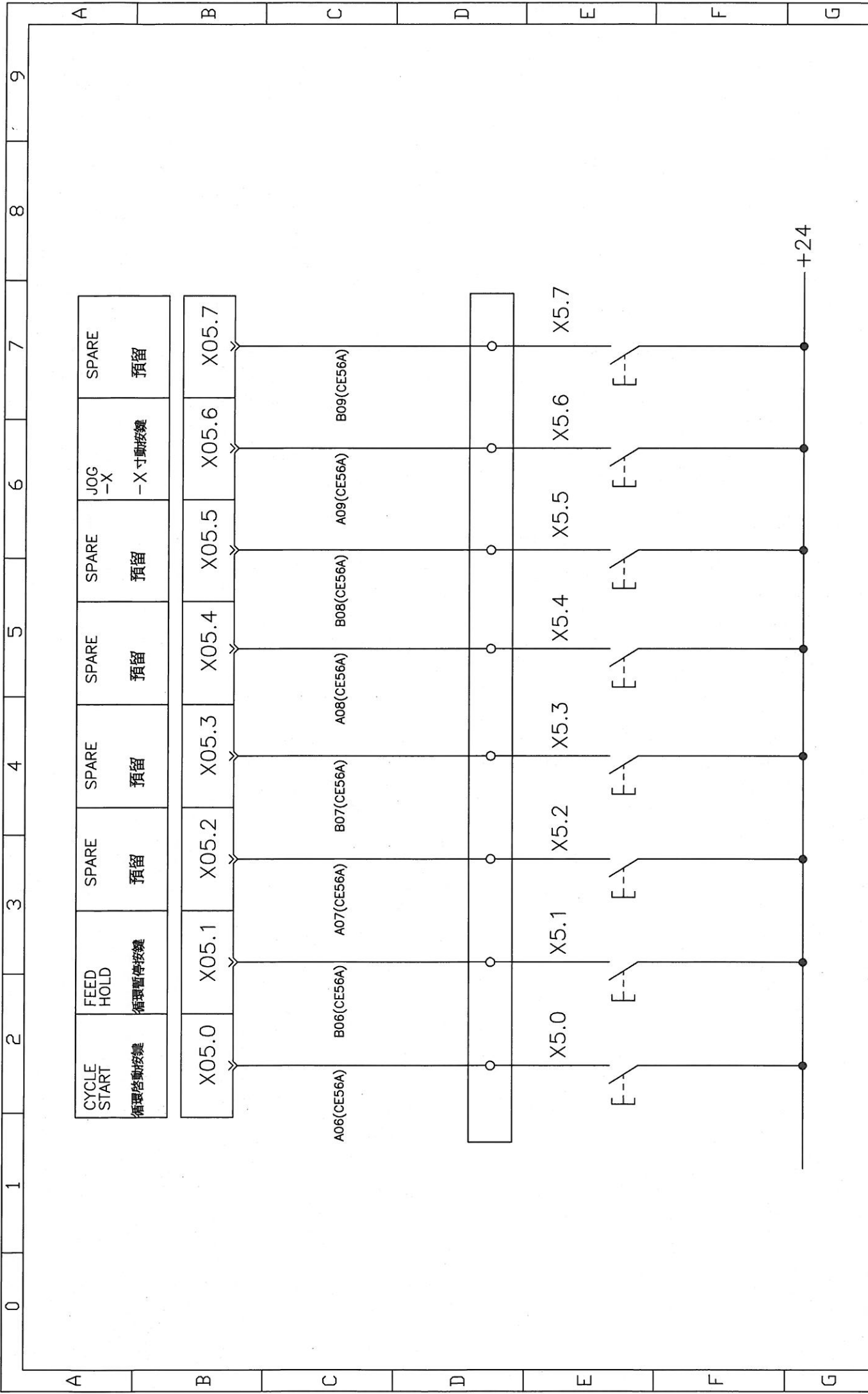




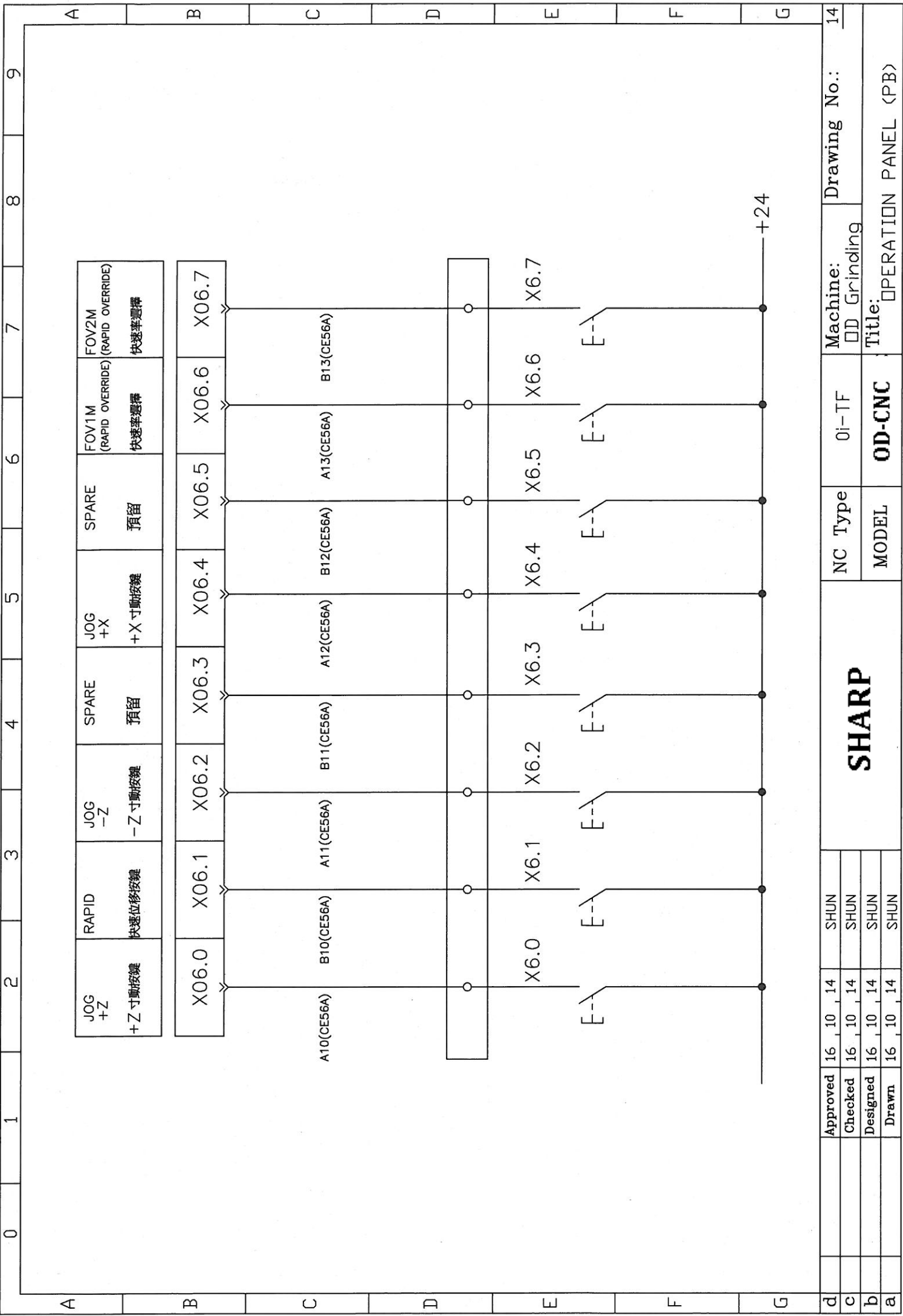
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c	Checked	16	10	14	SHUN					
b	Designed	16	10	14	SHUN					
a	Drawn	16	10	14	SHUN					



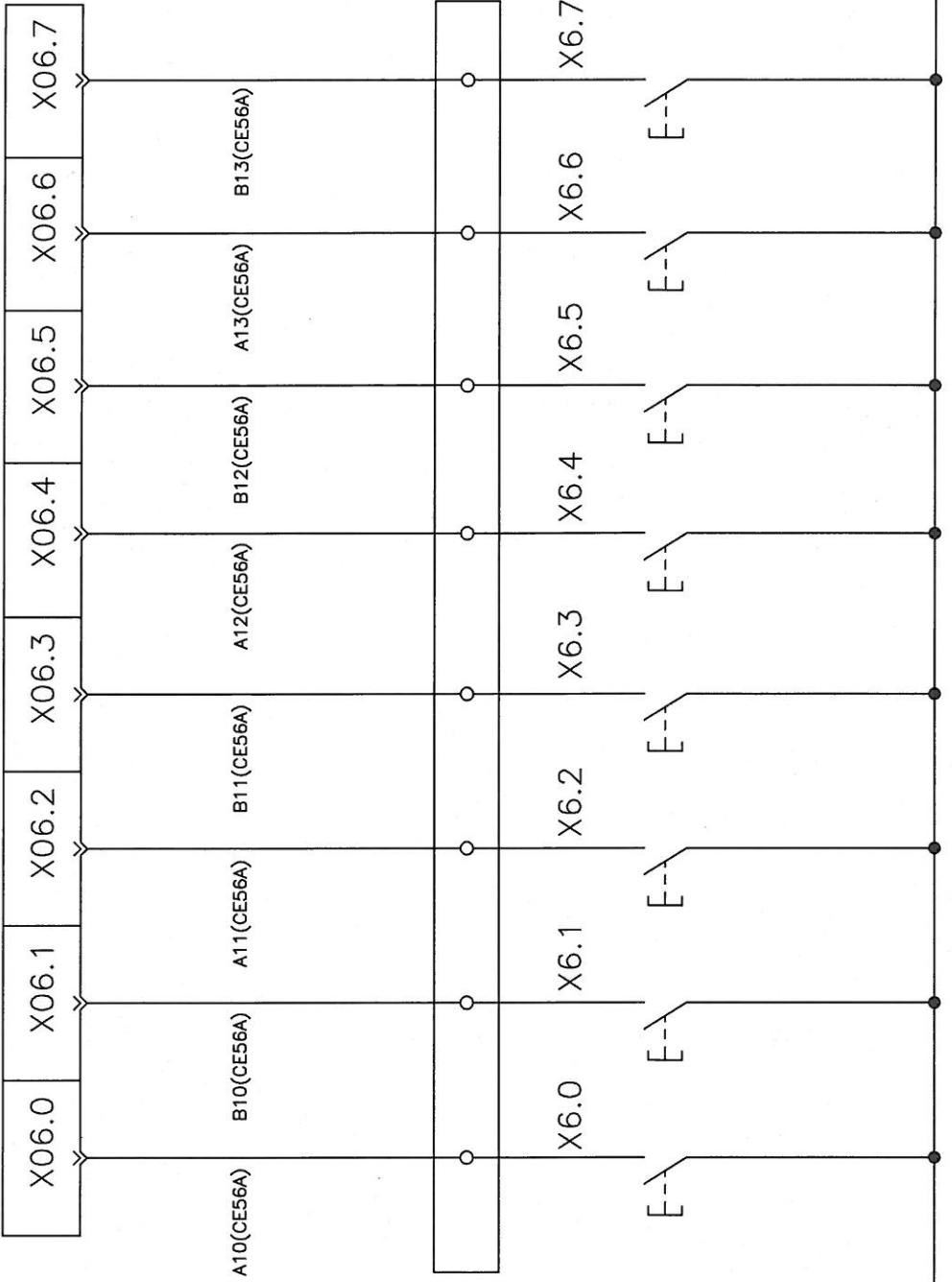
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c	Checked	16	10	14	SHUN		PC ROM	<b>OD-CNC</b>	Title:	OPERATION PANEL (PB)		
b	Designed	16	10	14	SHUN							
a	Drawn	16	10	14	SHUN							



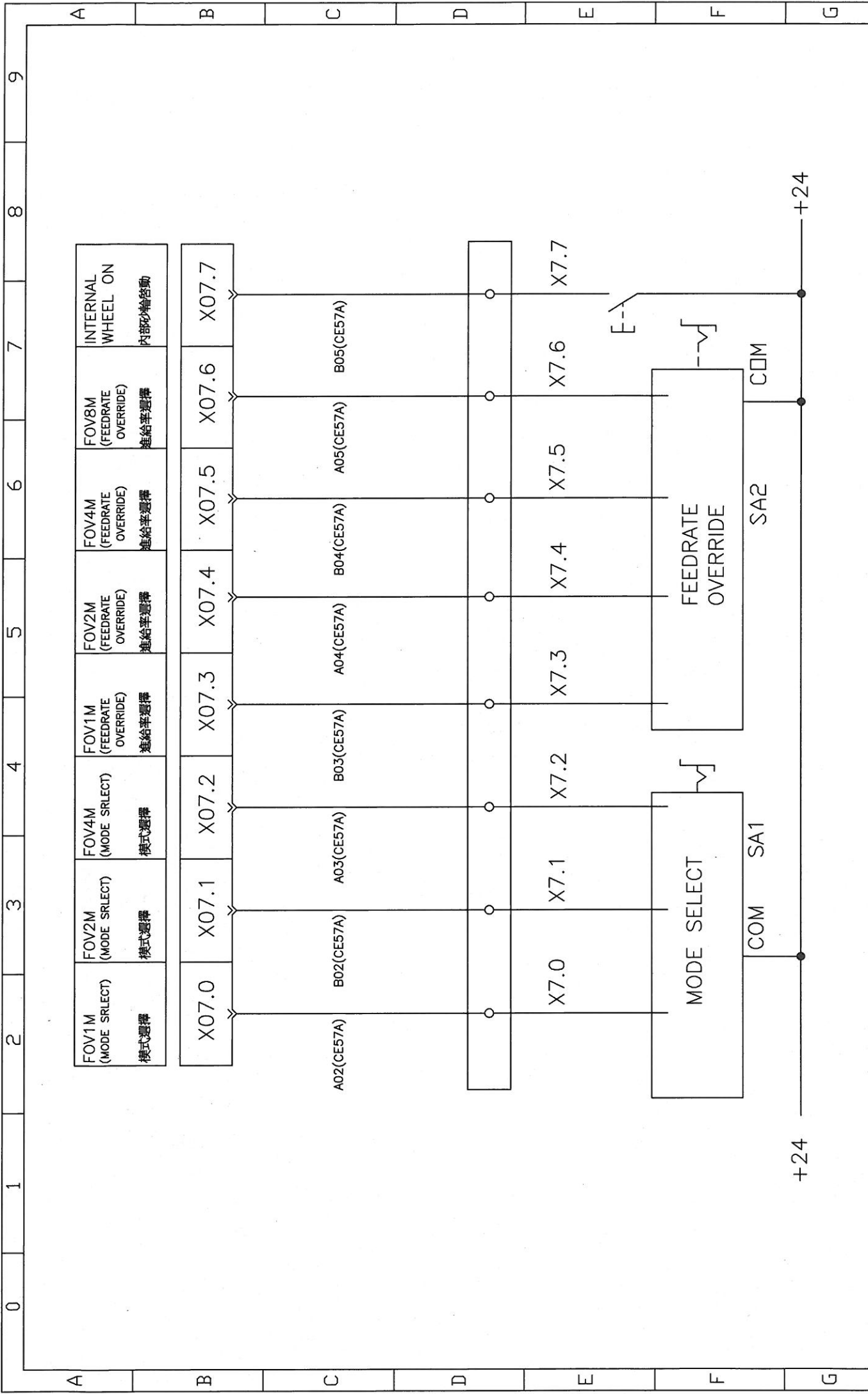
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				NC Type: 0i-TF		Title: OPERATION PANEL (PB)	
				MODEL		OD-CNC	
				Approved	16	10	14
Checked	16	10	14	SHUN			
Designed	16	10	14	SHUN			
Drawn	16	10	14	SHUN			



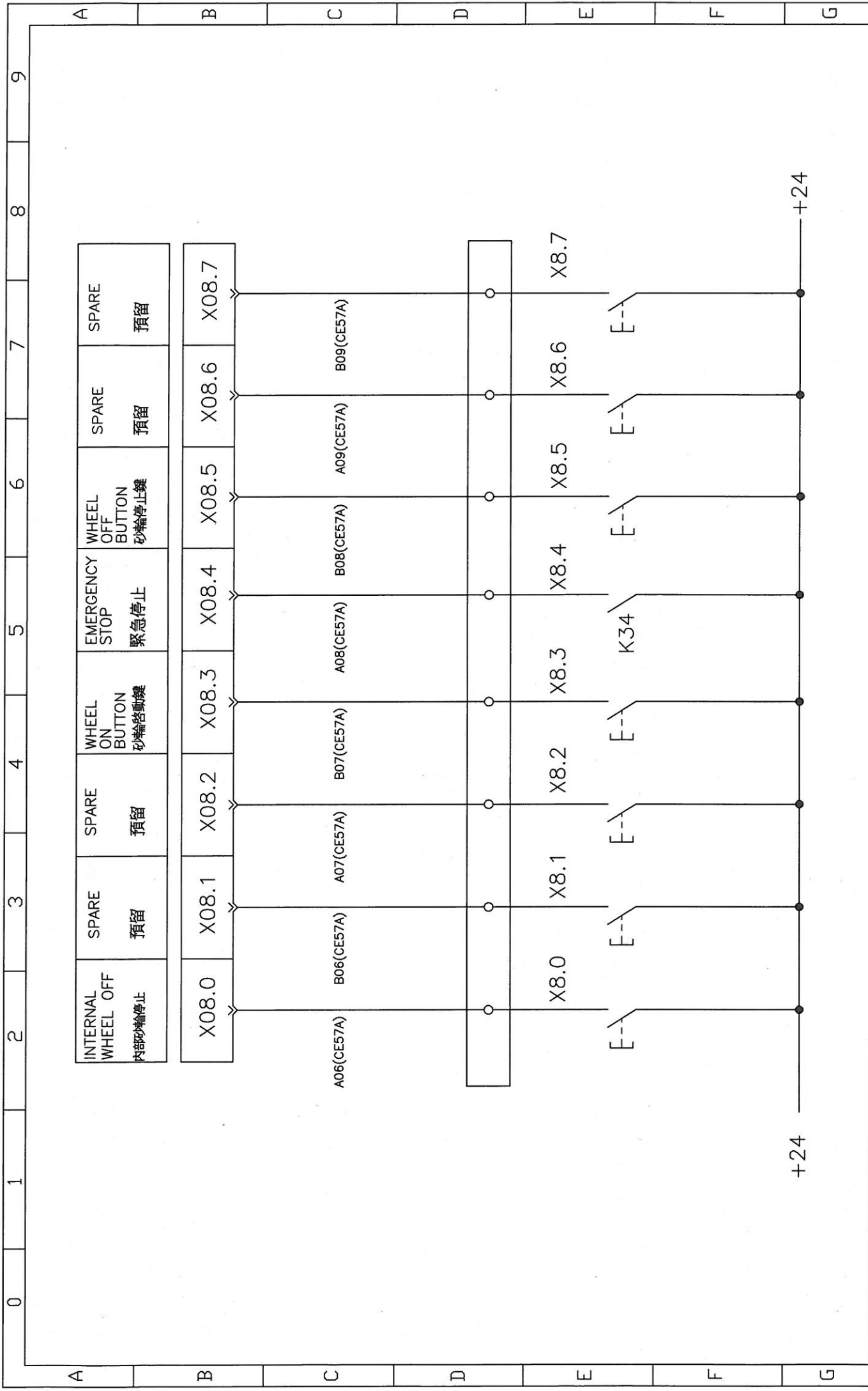
JOG +Z +Z 寸動按鍵	RAPID 快速位移按鍵	JOG -Z -Z 寸動按鍵	SPARE 預留	JOG +X +X 寸動按鍵	SPARE 預留	FOV1M (RAPID OVERRIDE) 快速率選擇	FOV2M (RAPID OVERRIDE) 快速率選擇
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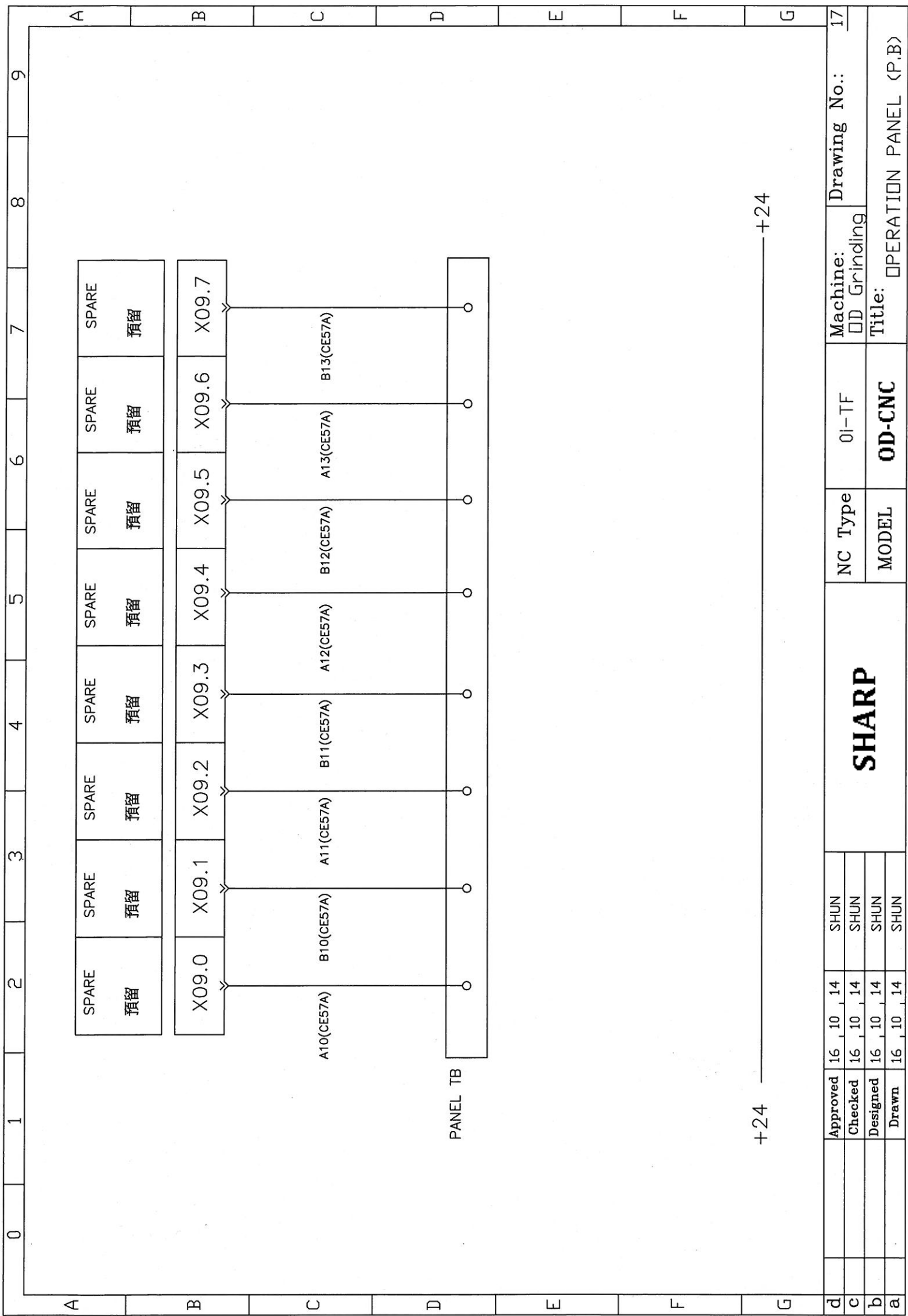
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b	Designed	16	10	14	SHUN							
a	Drawn	16	10	14	SHUN							



d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine:	DD Grinding	Drawing No.:	15	
c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title:	OPERATION PANEL (P,B)			
b	Designed	16	10	14	SHUN								
a	Drawn	16	10	14	SHUN								



d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine:	Drawing No.:	
c	Checked	16	10	14	SHUN			MODEL	OD-CNC	DD Grinding	16
b	Designed	16	10	14	SHUN		Title: OPERATION PANEL (P,B)				
a	Drawn	16	10	14	SHUN						

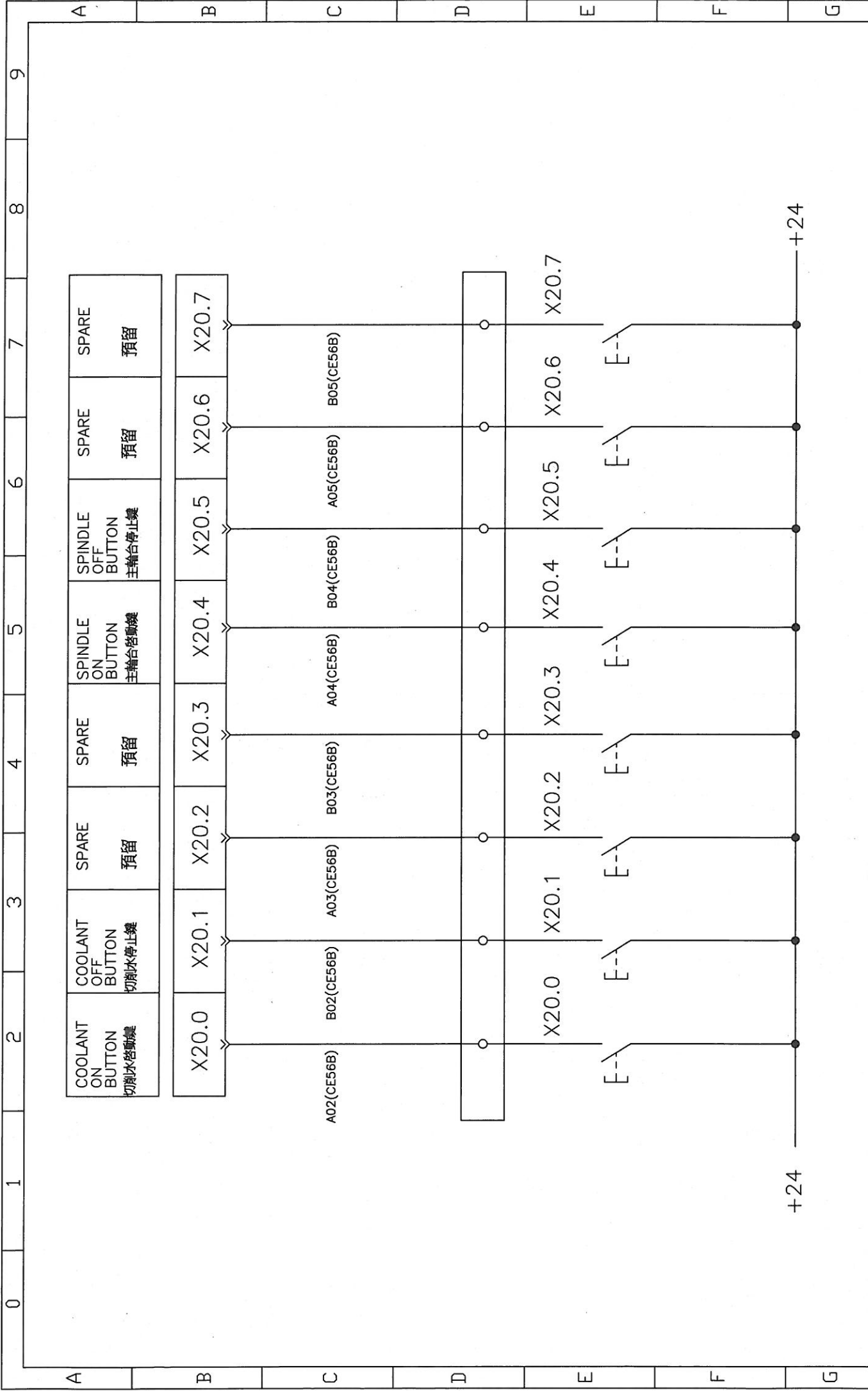


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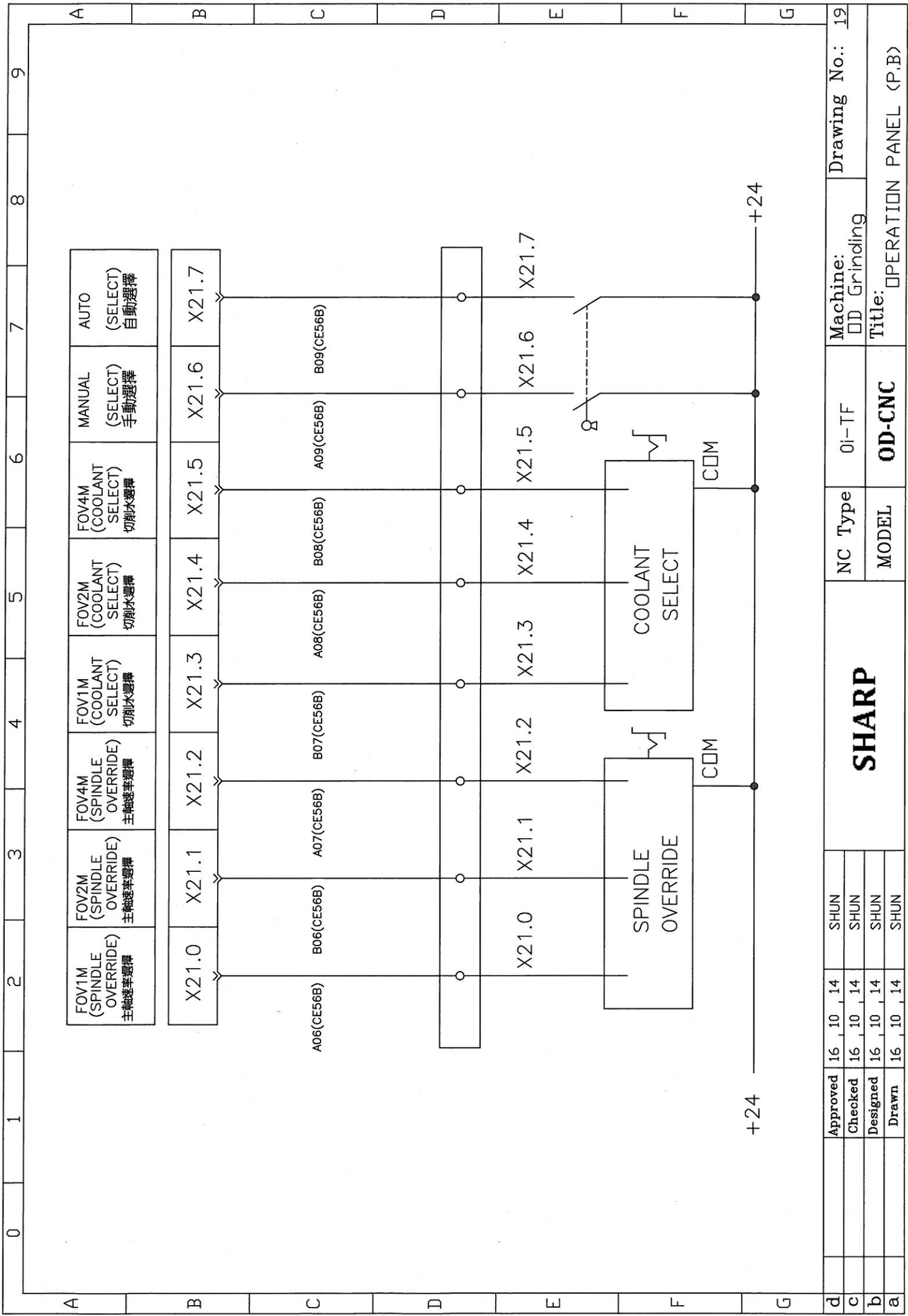
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																				<b>SHARP</b>							
d		Approved	16	10	14																						
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b		Designed	16	10	14																						
a		Drawn	16	10	14																						

Title: OPERATION PANEL (P,B)



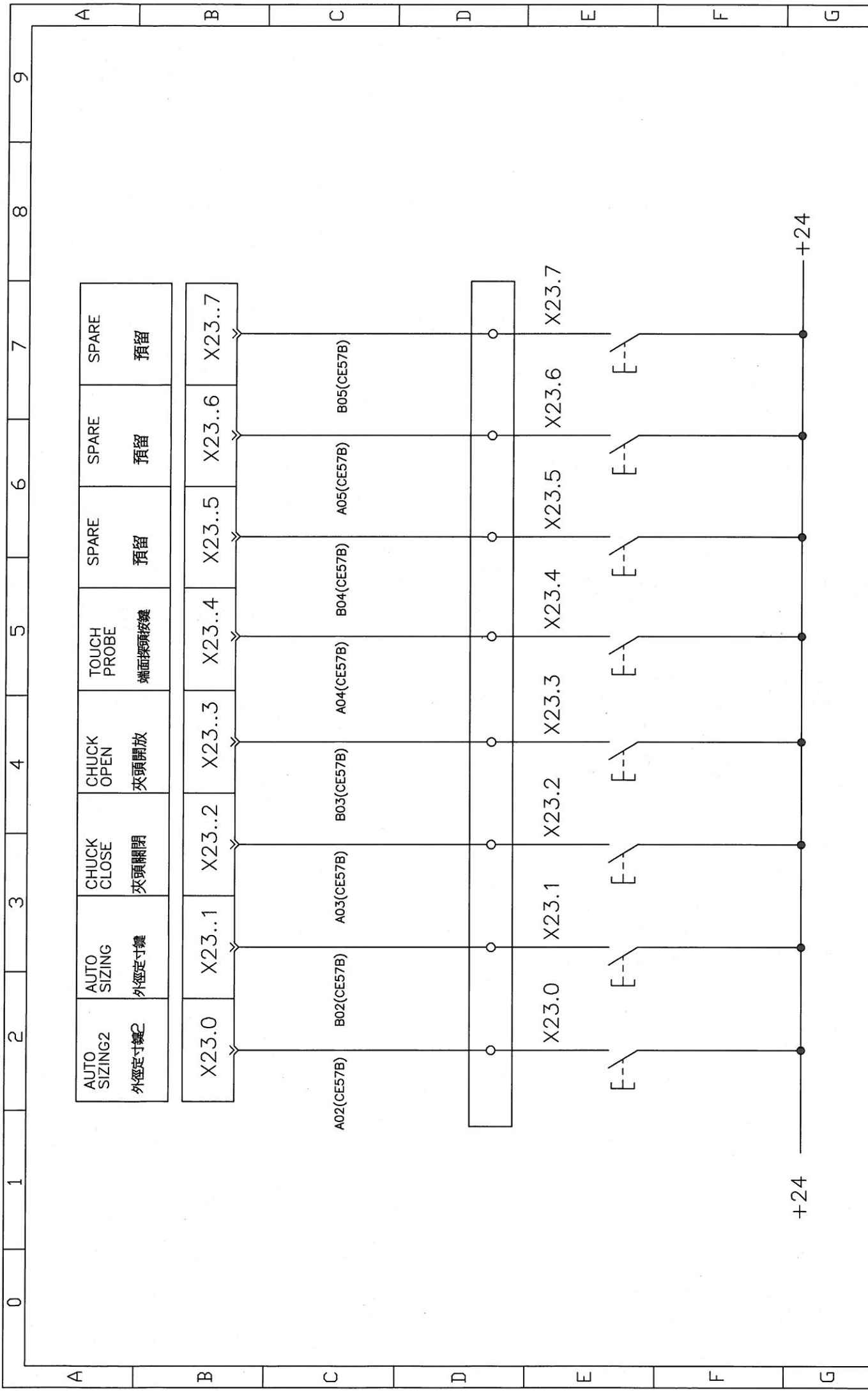


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c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title: OPERATION PANEL (P.B)				
b	Designed	16	10	14	SHUN								
a	Drawn	16	10	14	SHUN								

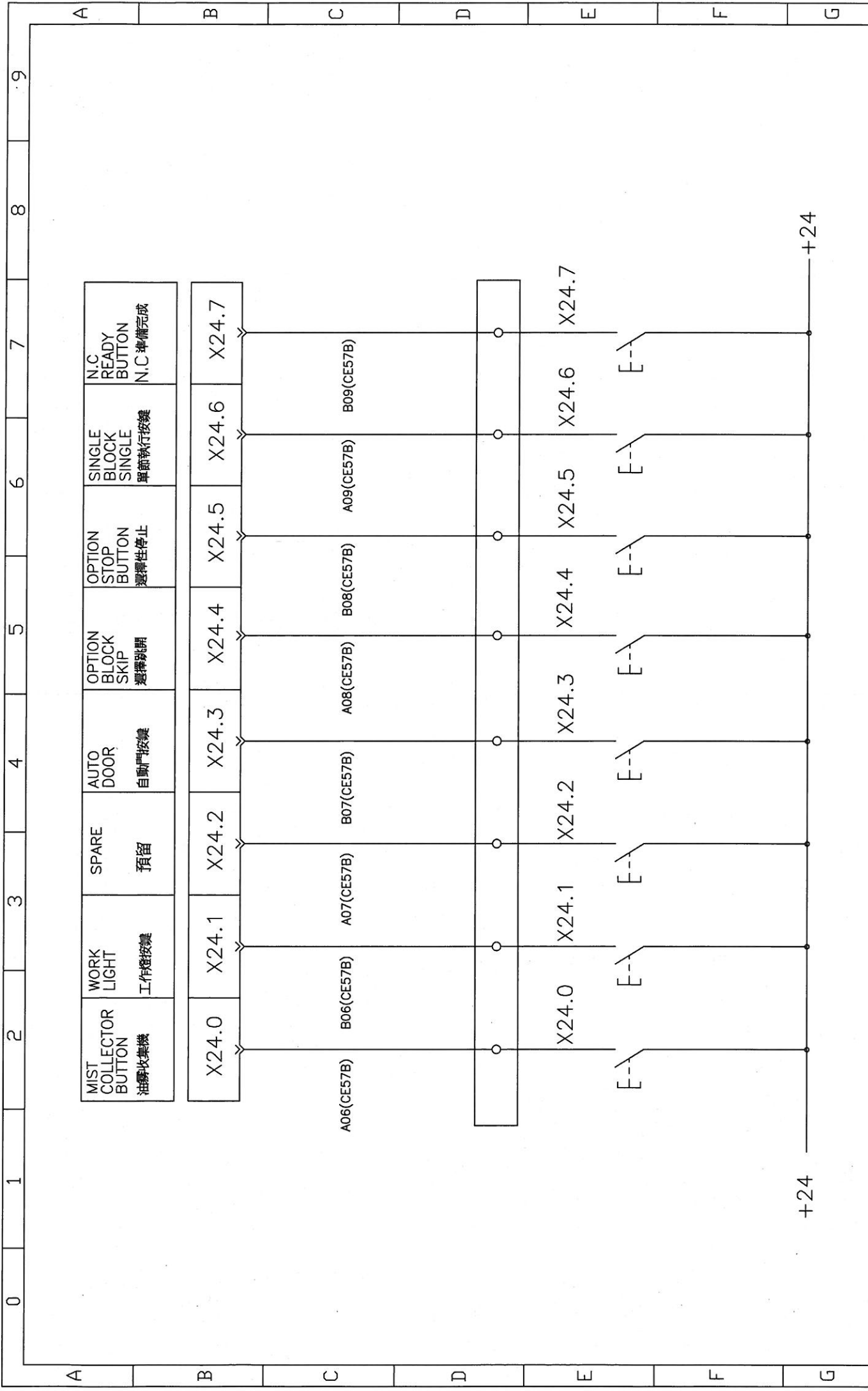


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c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title: OPERATION PANEL (P.B)			
b	Designed	16	10	14	SHUN							
a	Drawn	16	10	14	SHUN							

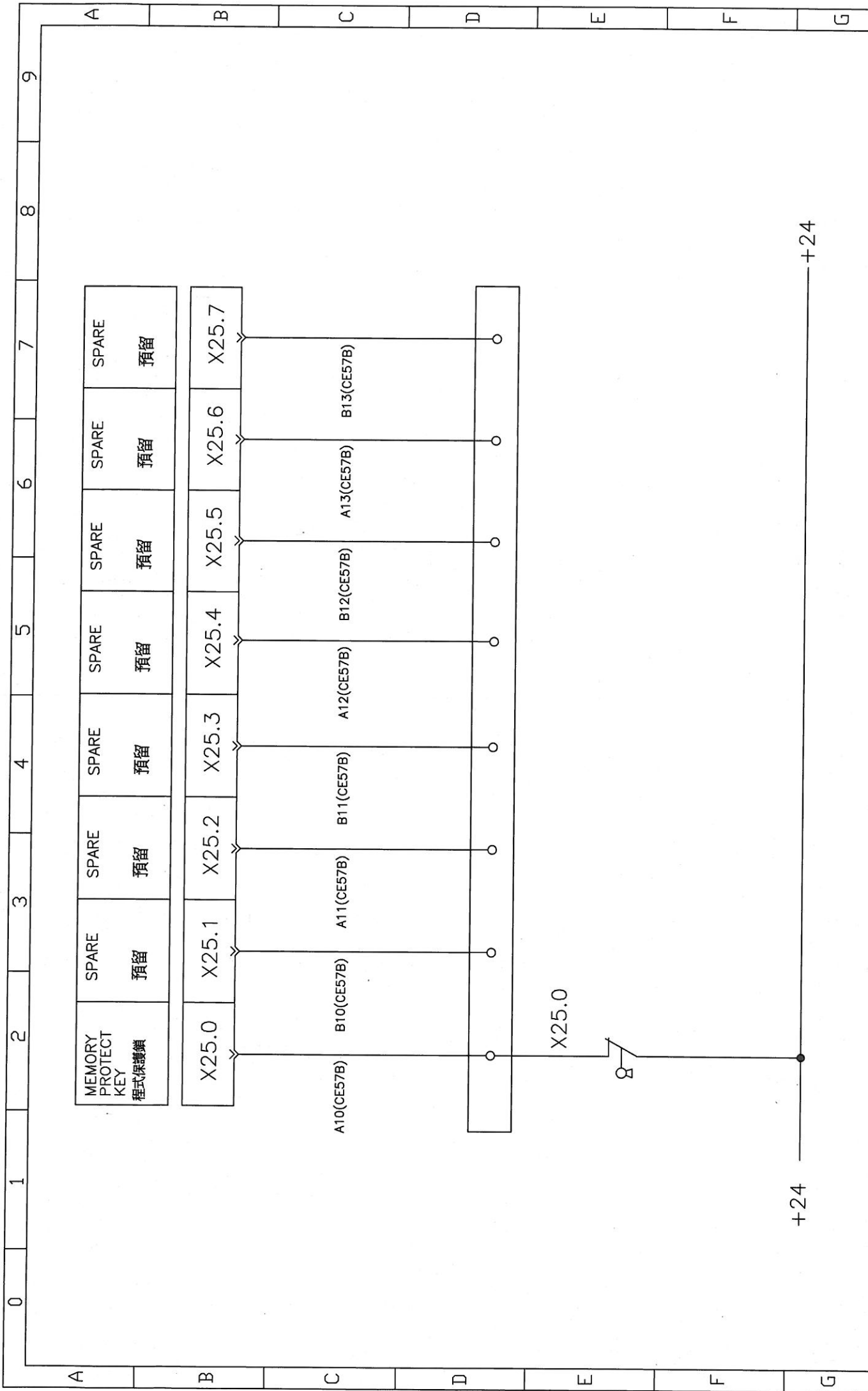




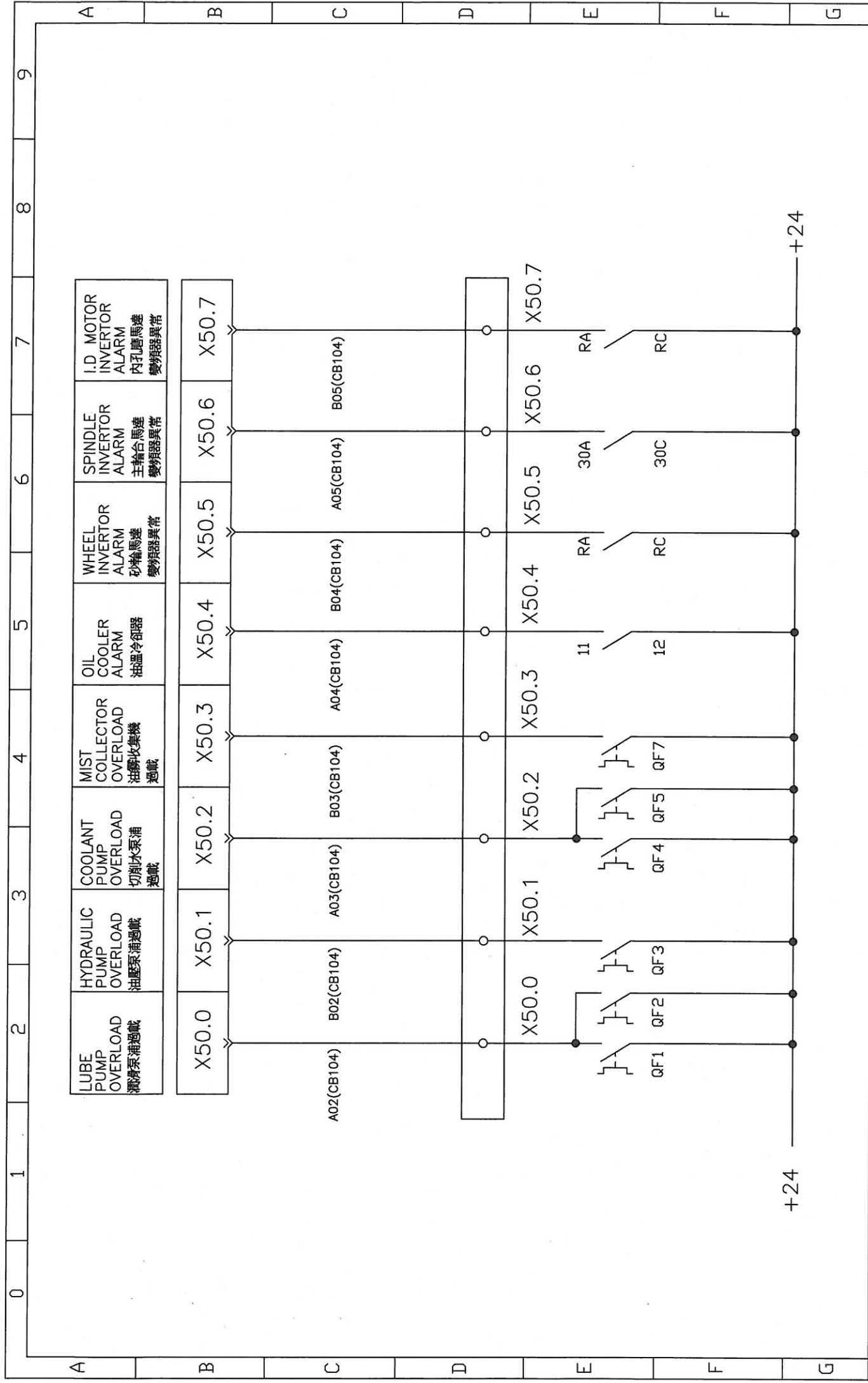
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b	Designed	16	10	14	SHUN							
a	Drawn	16	10	14	SHUN							



d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine:	□□ Grinding	Drawing No.:	22	
c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title:	OPERATION PANEL (P.B)			
b	Designed	16	10	14	SHUN								
a	Drawn	16	10	14	SHUN								

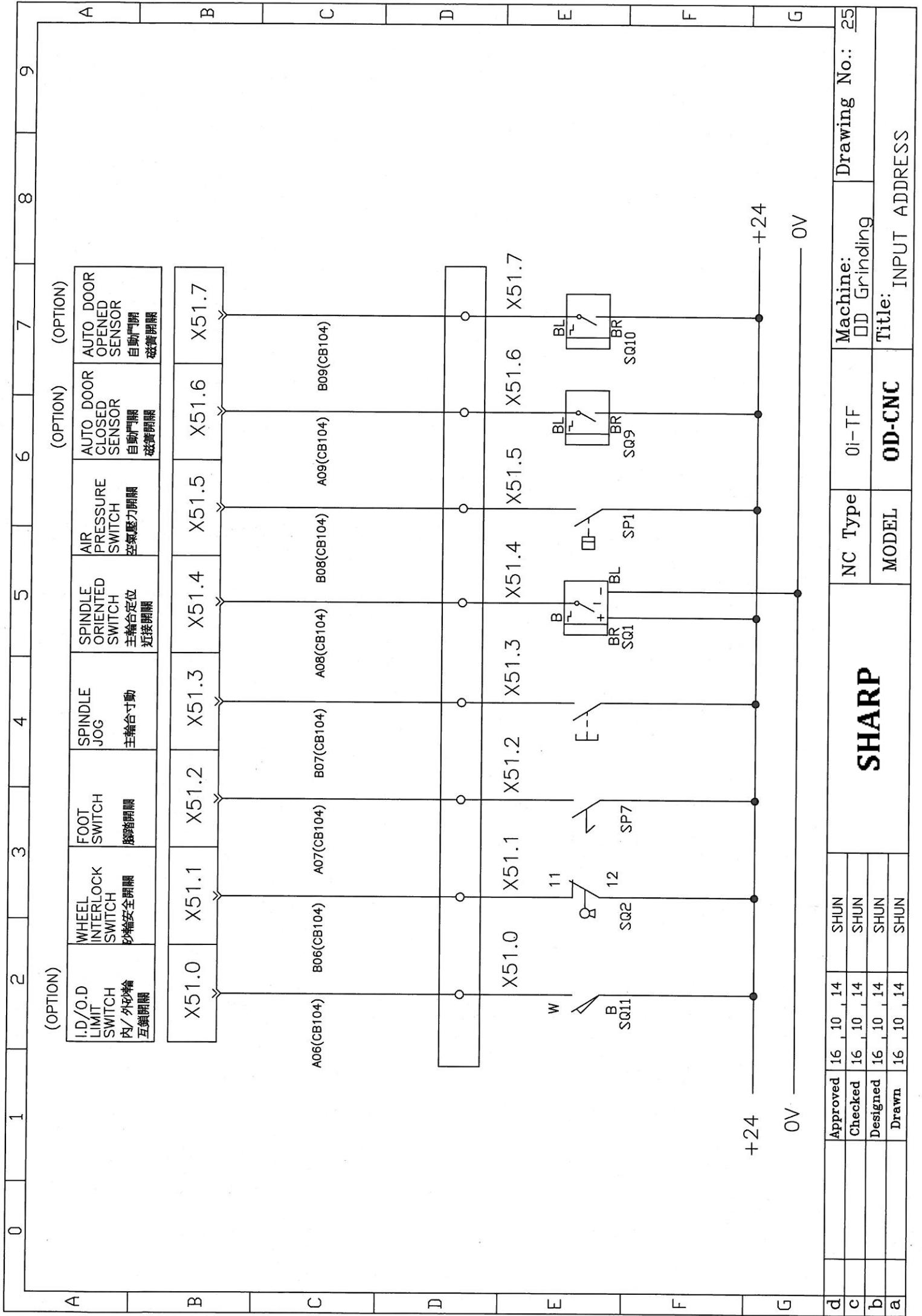


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c	Checked	16	10	14	SHUN			MODEL	<b>OD-CNC</b>	
b	Designed	16	10	14	SHUN		Title: OPERATION PANEL (P,B)			
a	Drawn	16	10	14	SHUN					



d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine: OD Grinding	Drawing No.: 24
	Checked	16	10	14	SHUN					
	Designed	16	10	14	SHUN					
	Drawn	16	10	14	SHUN					
							MODEL	<b>OD-CNC</b>	Title: INPUT ADDRESS	

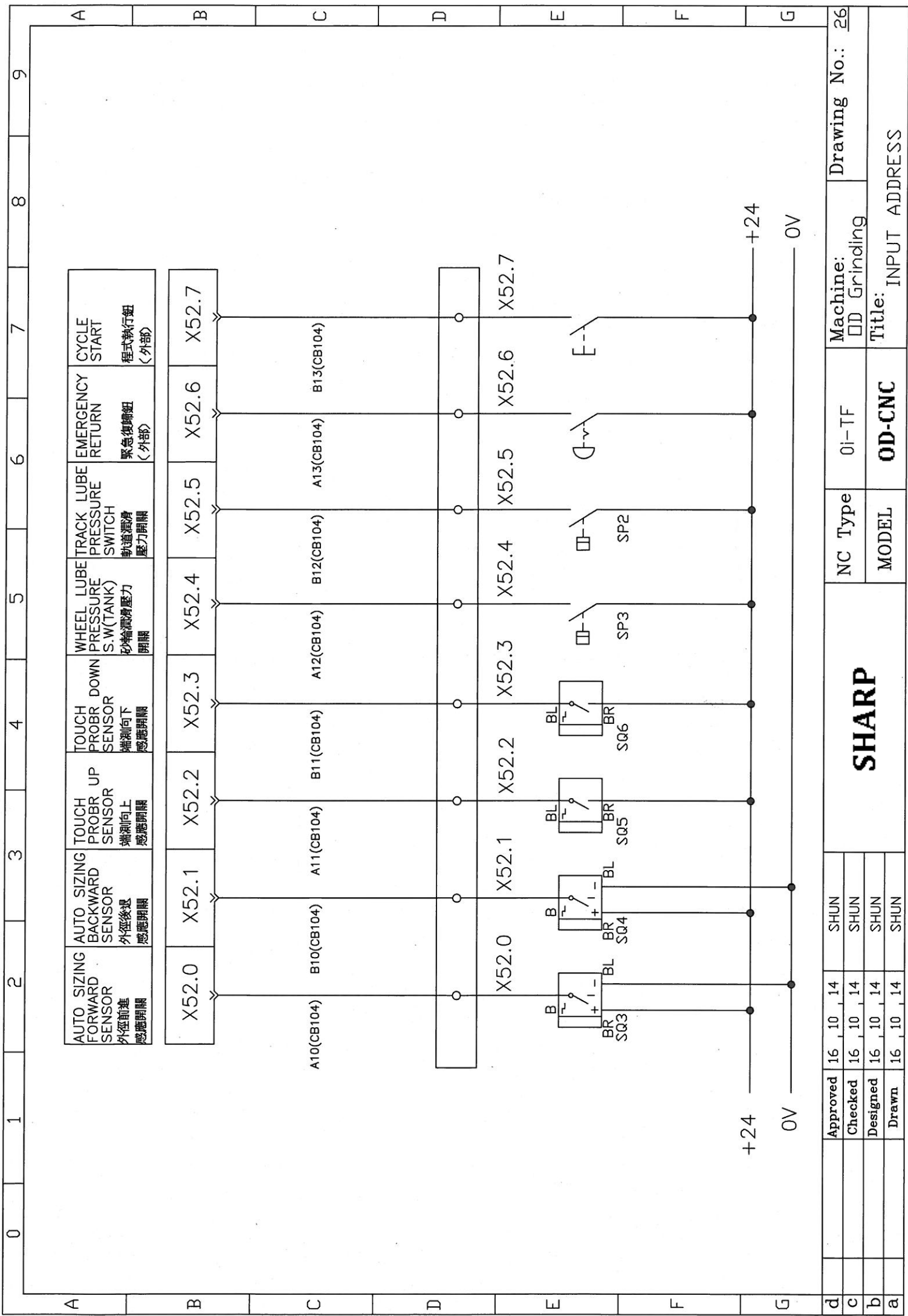




(OPTION)		(OPTION)		(OPTION)		(OPTION)	
I.D./O.D. LIMIT SWITCH 內/外砂輪互鎖開關	WHEEL INTERLOCK SWITCH 砂輪安全開關	FOOT SWITCH 腳踏開關	SPINDLE JOG 主輪合寸動	SPINDLE ORIENTED SWITCH 主輪合定位近接開關	AIR PRESSURE SWITCH 空氣壓力開關	AUTO DOOR CLOSED SENSOR 自動門閉磁簧開關	AUTO DOOR OPENED SENSOR 自動門開磁簧開關

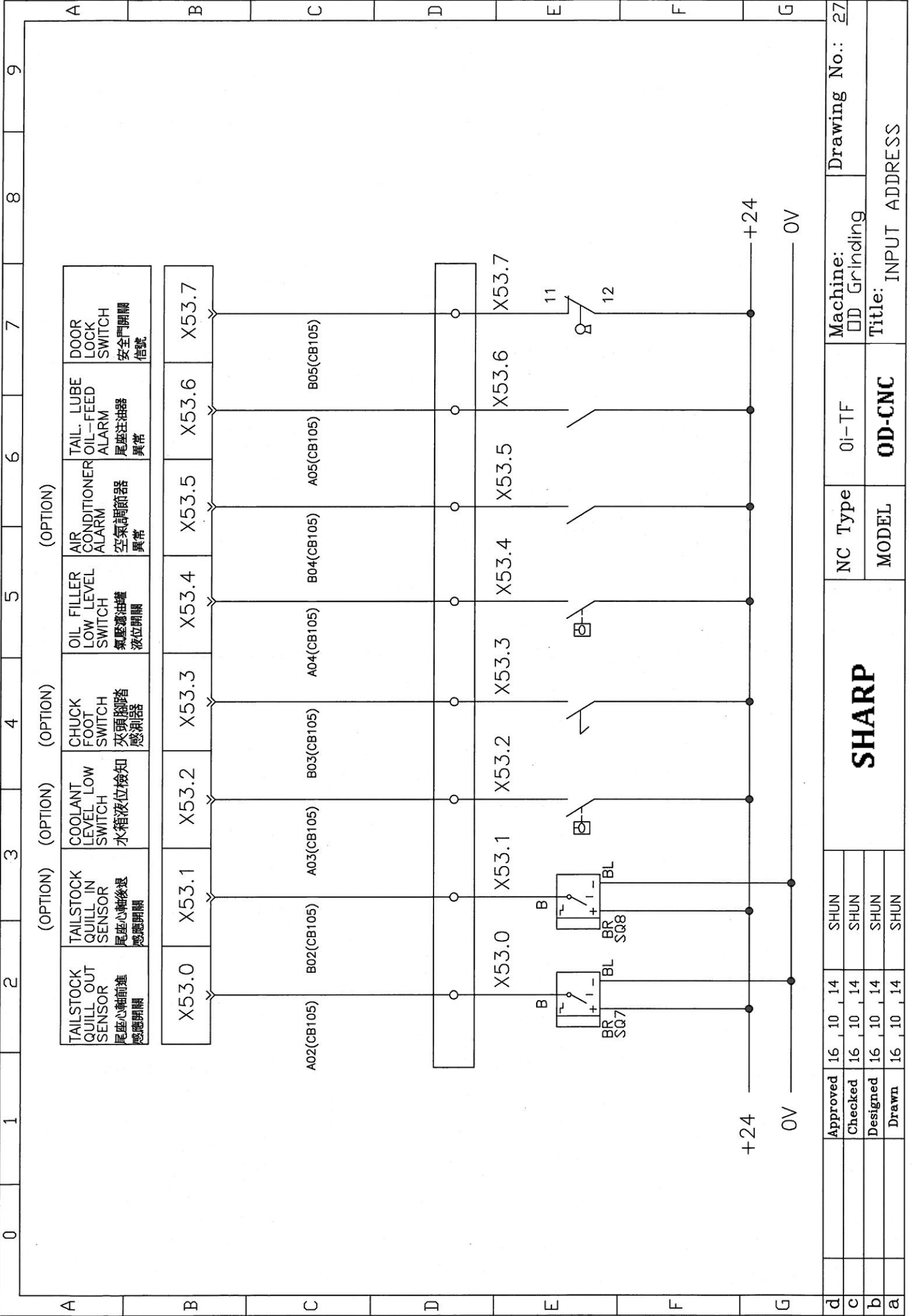
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c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>			
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a	Drawn	16	10	14	SHUN						

Drawing No.: 25

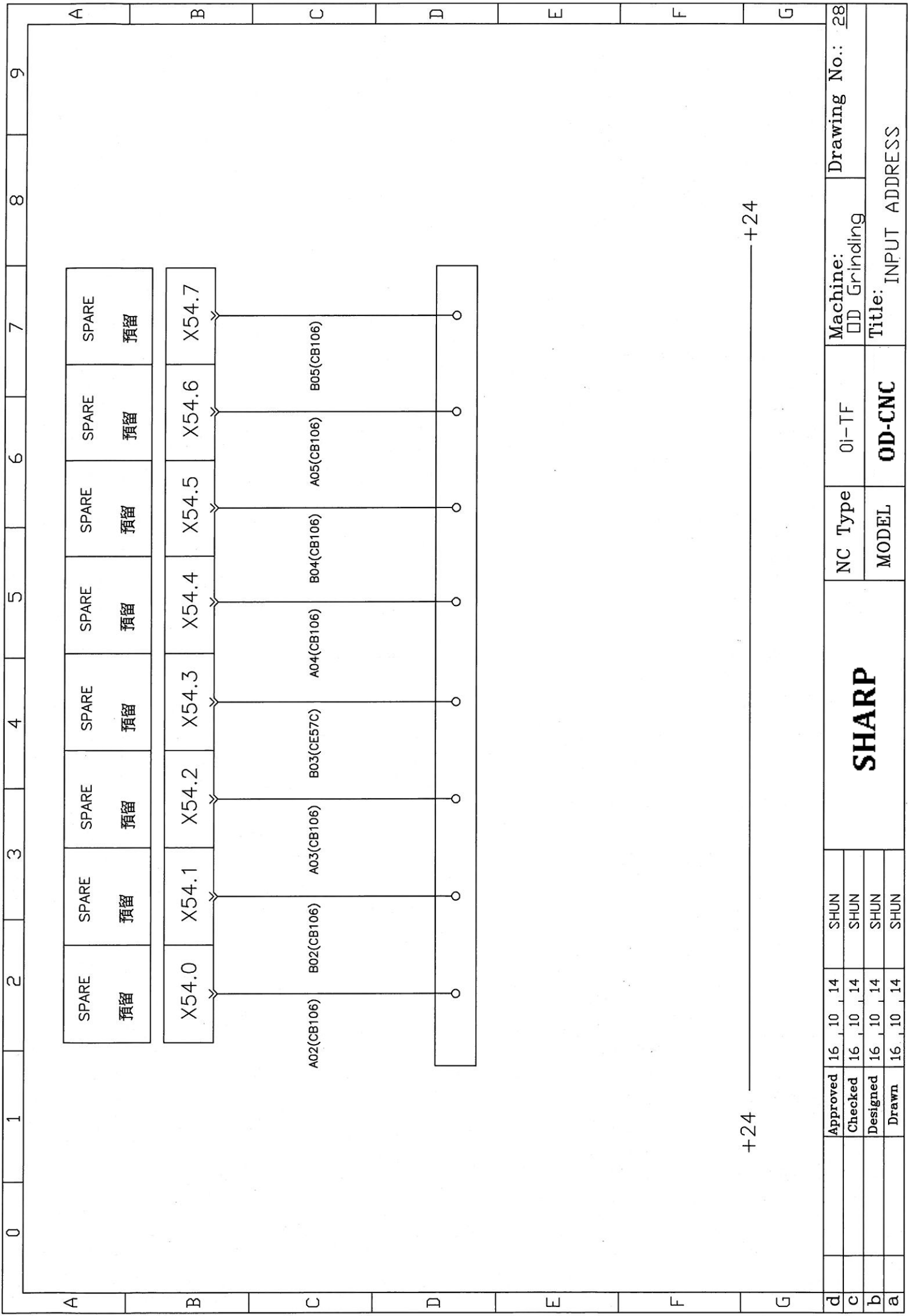


AUTO SIZING FORWARD SENSOR 外徑前進 感應開關	AUTO SIZING BACKWARD SENSOR 外徑後退 感應開關	TOUCH PROBR UP SENSOR 端測向上 感應開關	TOUCH PROBR DOWN SENSOR 端測向下 感應開關	WHEEL LUBE PRESSURE S.W(TANK) 砂輪潤滑壓力 開關	TRACK LUBE PRESSURE SWITCH 軌道潤滑 壓力開關	EMERGENCY RETURN 緊急復歸鈕 (<外部)	CYCLE START 程式執行鈕 (<外部)
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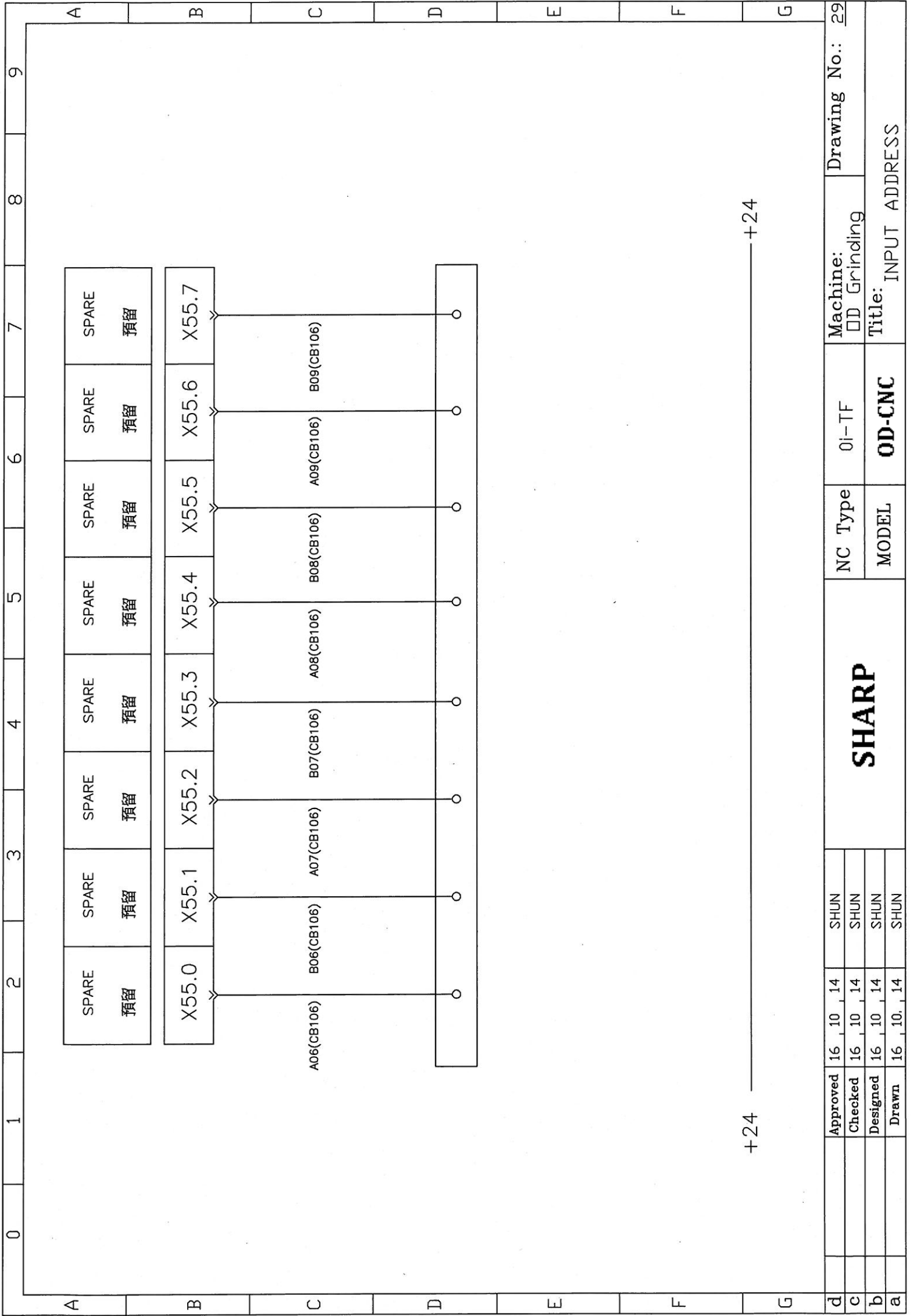
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b	Designed	16	10	14	SHUN					
a	Drawn	16	10	14	SHUN					



<b>SHARP</b>				Machine: <input type="checkbox"/> DD Grinding	Drawing No.: 27
Approved	16	10	14	SHUN	MODEL <b>OD-CNC</b> Title: INPUT ADDRESS
Checked	16	10	14	SHUN	
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Drawn	16	10	14	SHUN	
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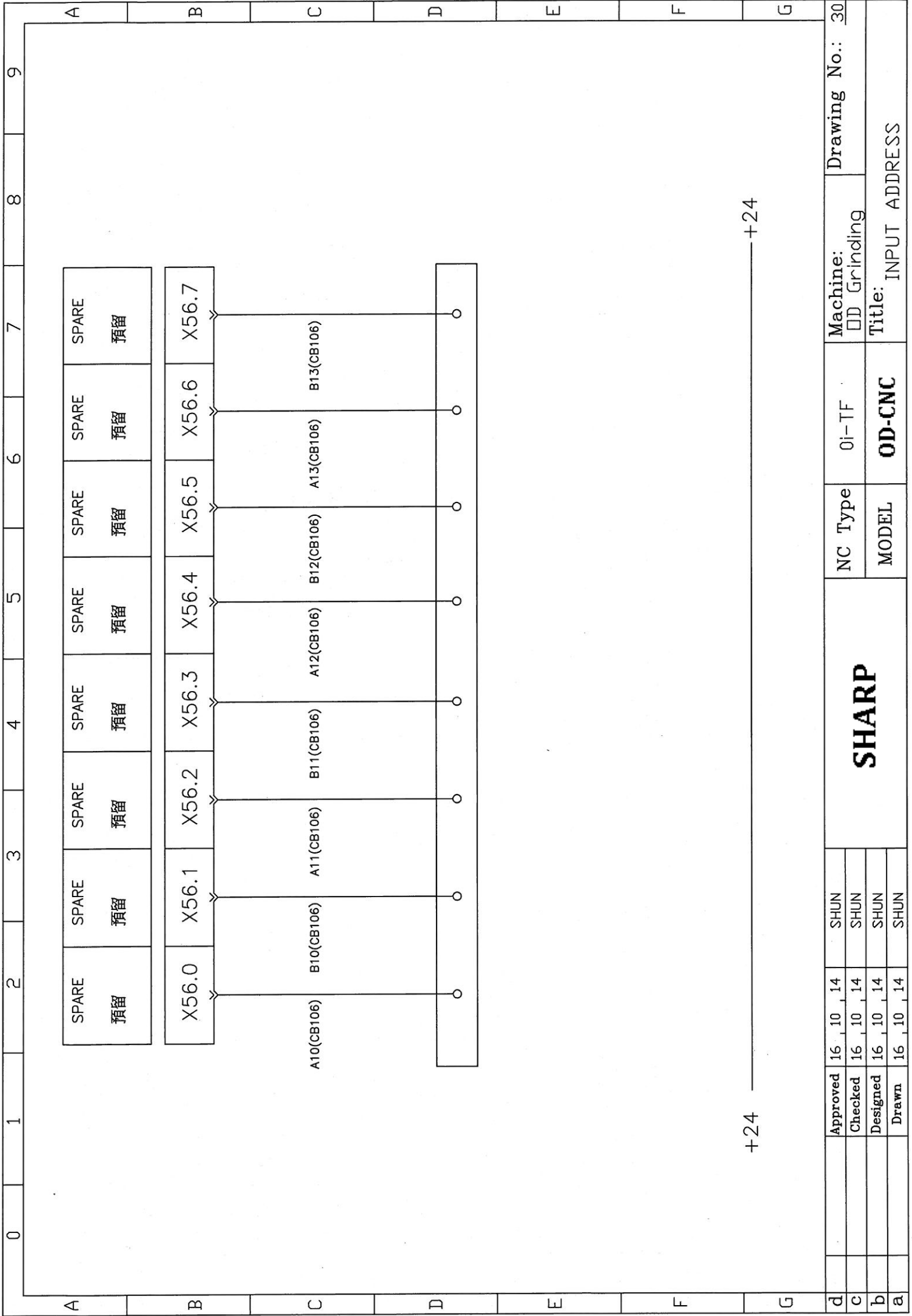


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a	Drawn	16	10	14	SHUN							

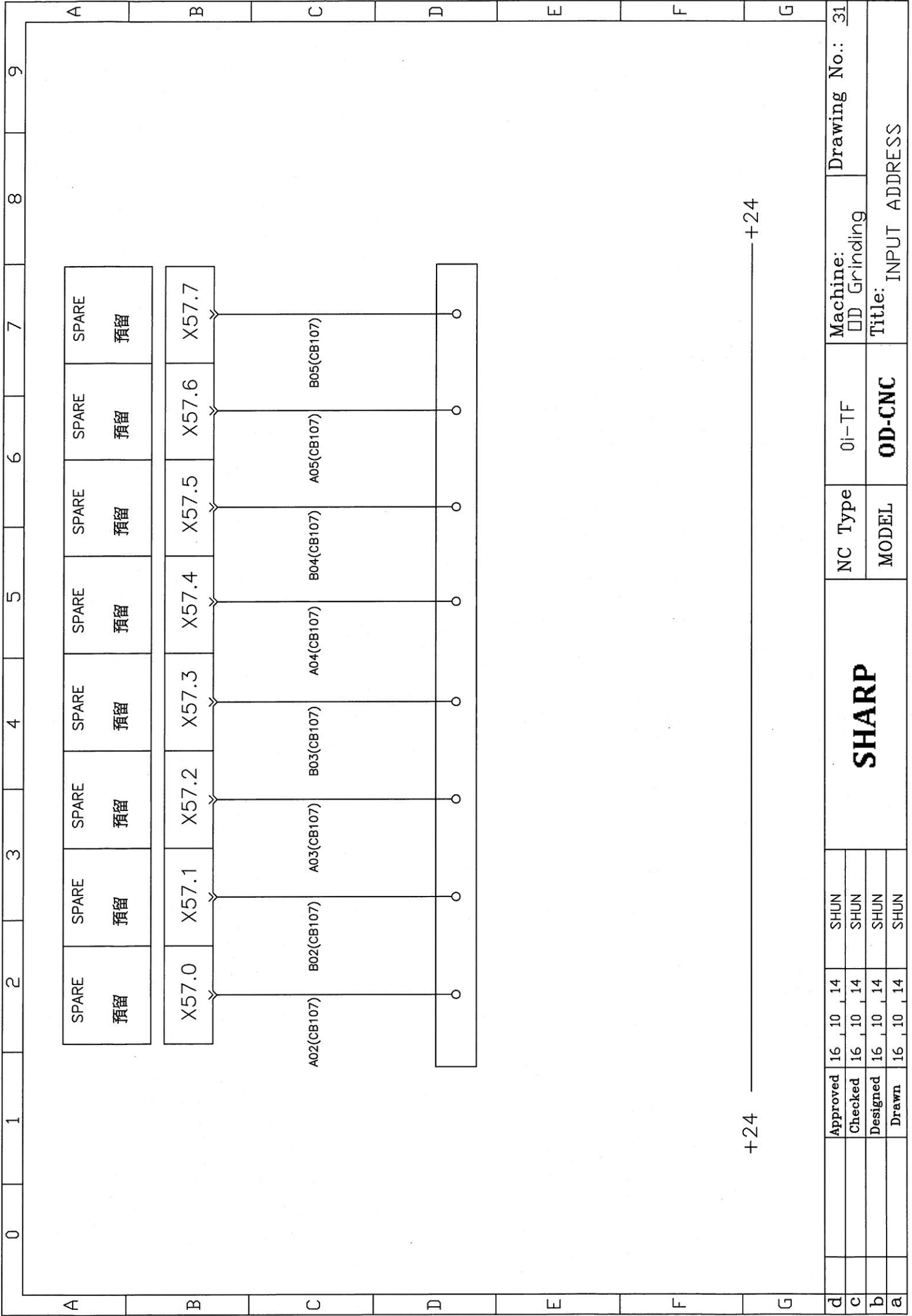


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d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine:	□□ Grinding	Drawing No.:	29
c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title:	INPUT ADDRESS		
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a	Drawn	16	10	14	SHUN							

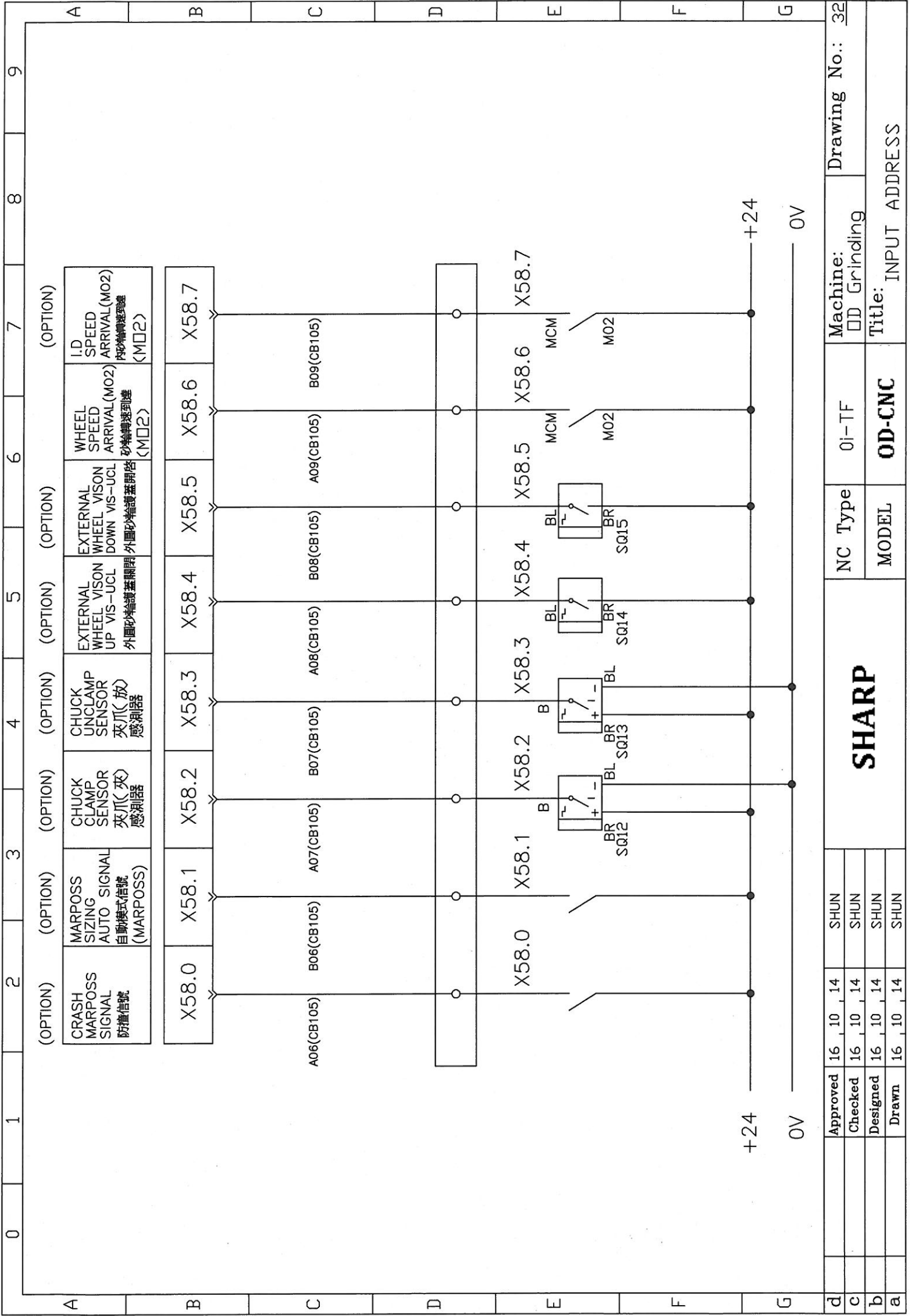


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a	Drawn	16	10	14	SHUN							

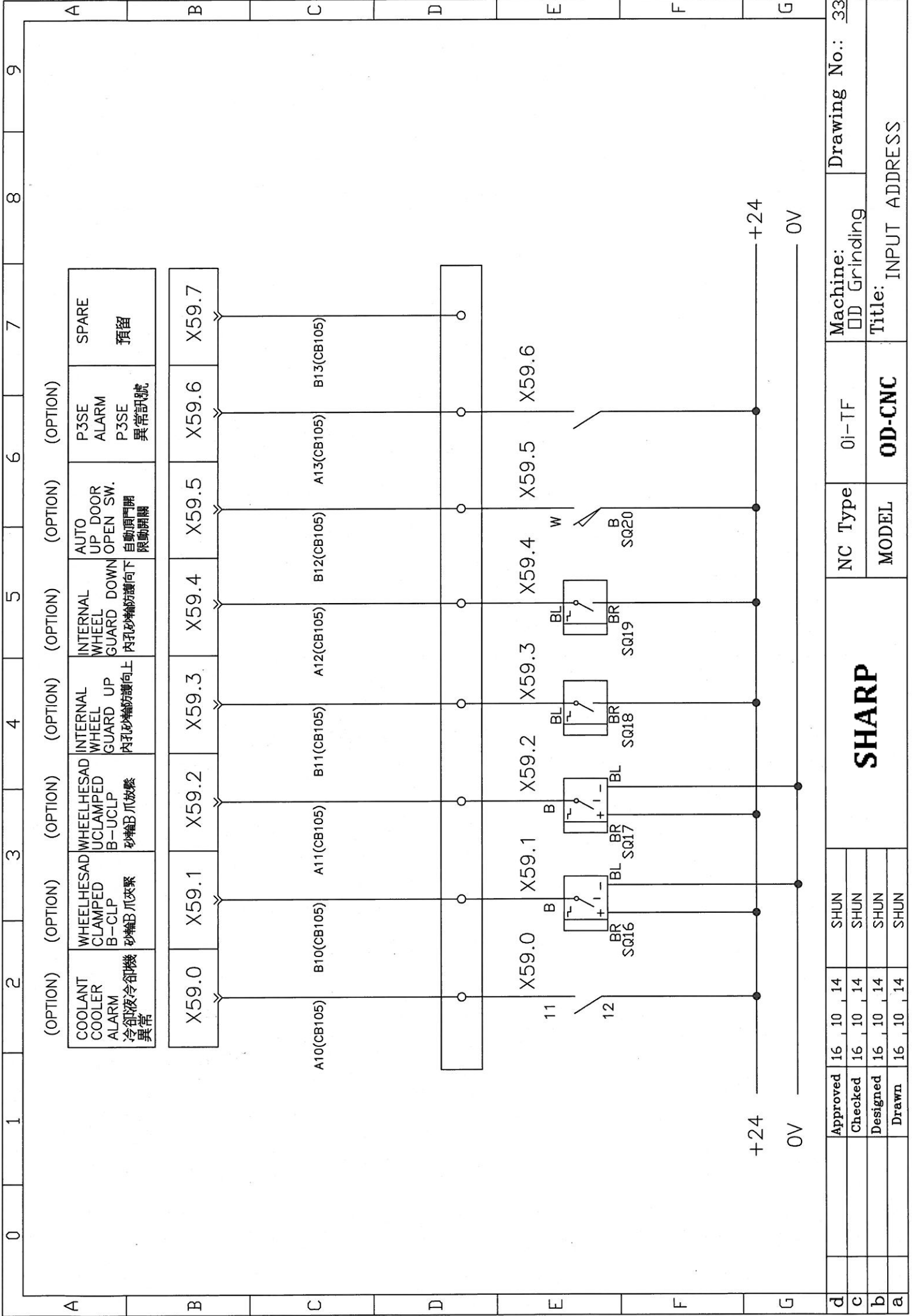


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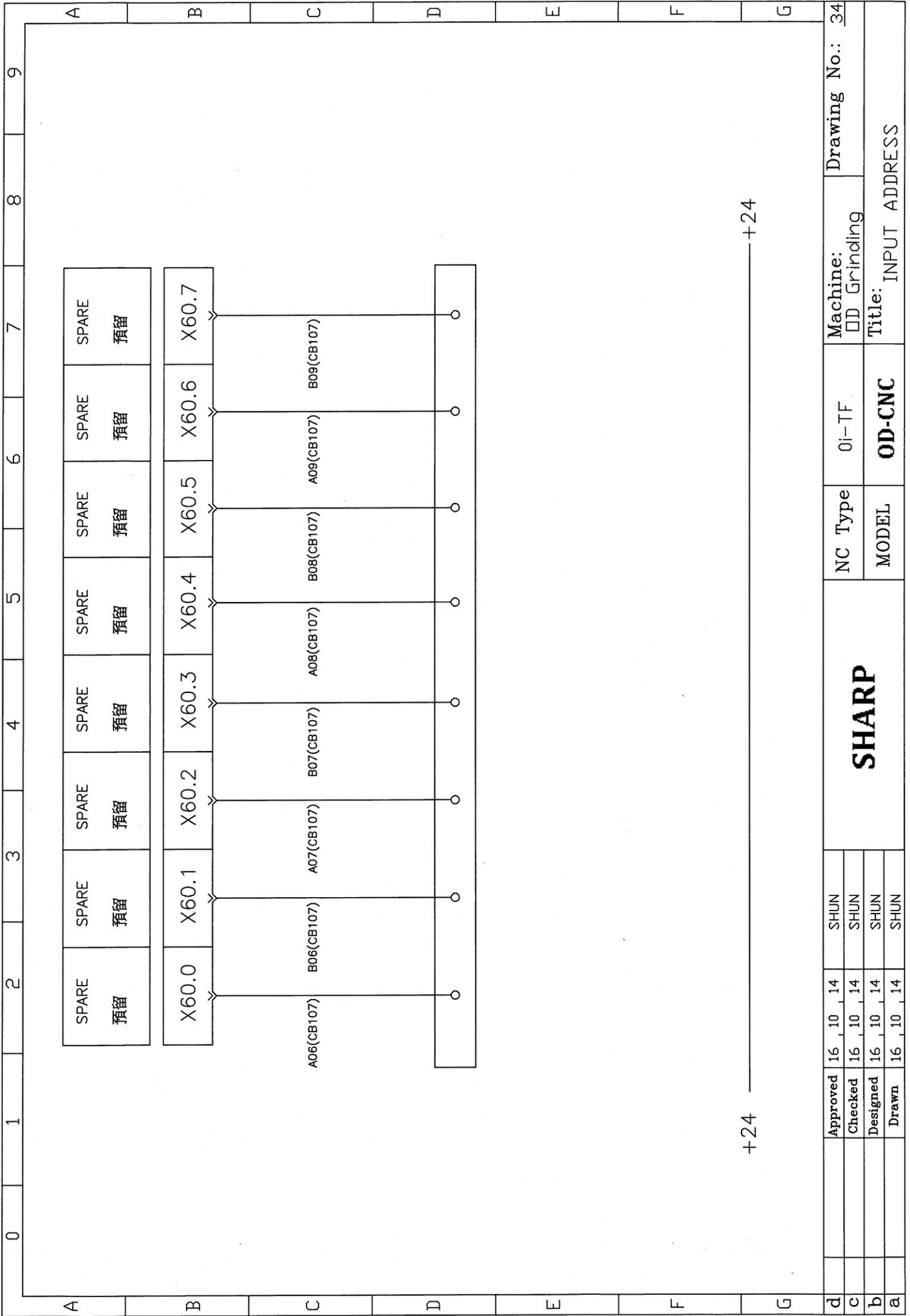




d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine:	□□ Grinding	Drawing No.:	32
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a	Drawn	16	10	14	SHUN							

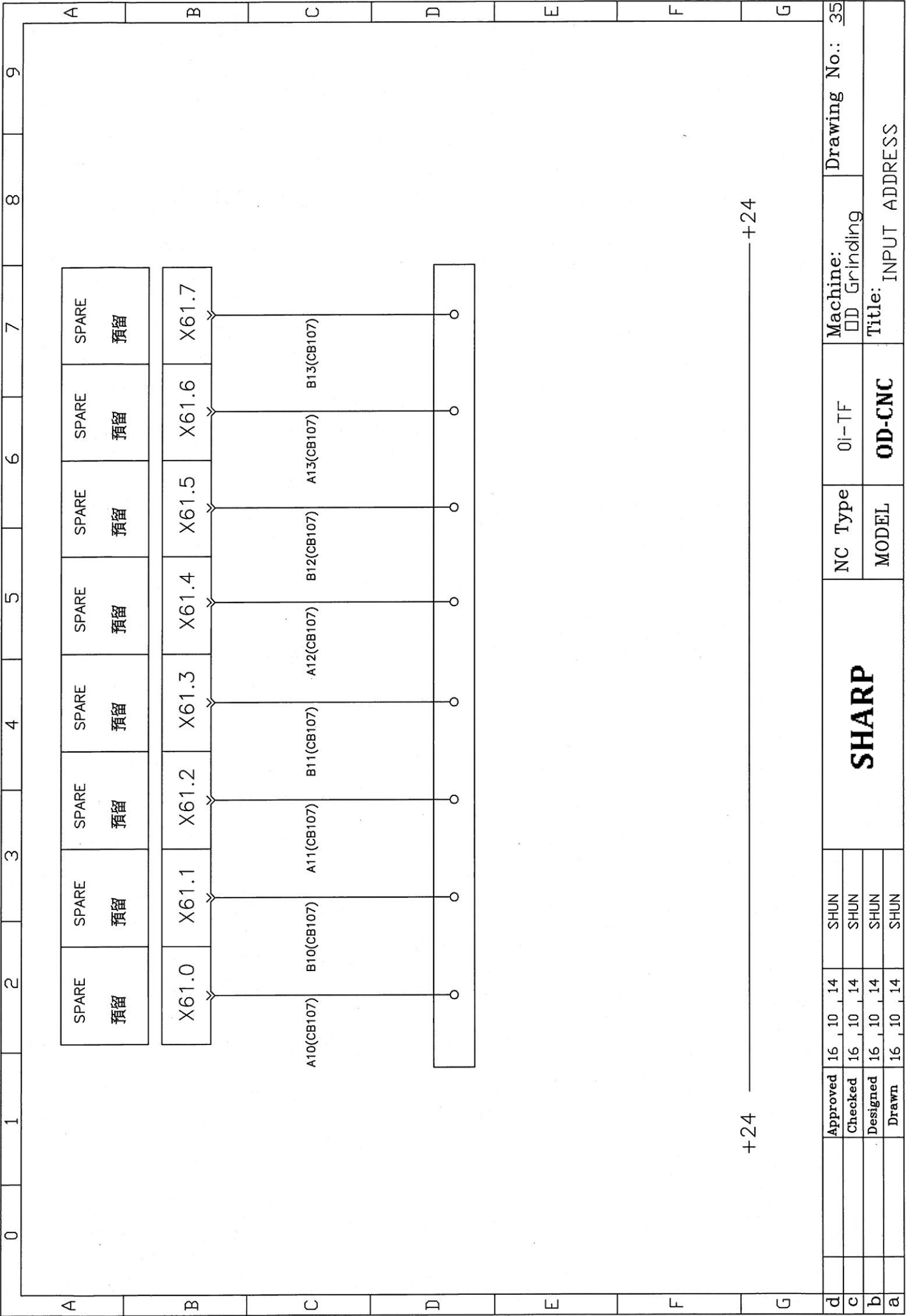


Approved		16	10	14	SHUN	<b>SHARP</b>	<b>OD-CNC</b>	Machine: □□ Grinding	Drawing No.: 33
Checked		16	10	14	SHUN				
Designed		16	10	14	SHUN				
Drawn		16	10	14	SHUN				
							NC Type	0i-TF	
							MODEL		Title: INPUT ADDRESS



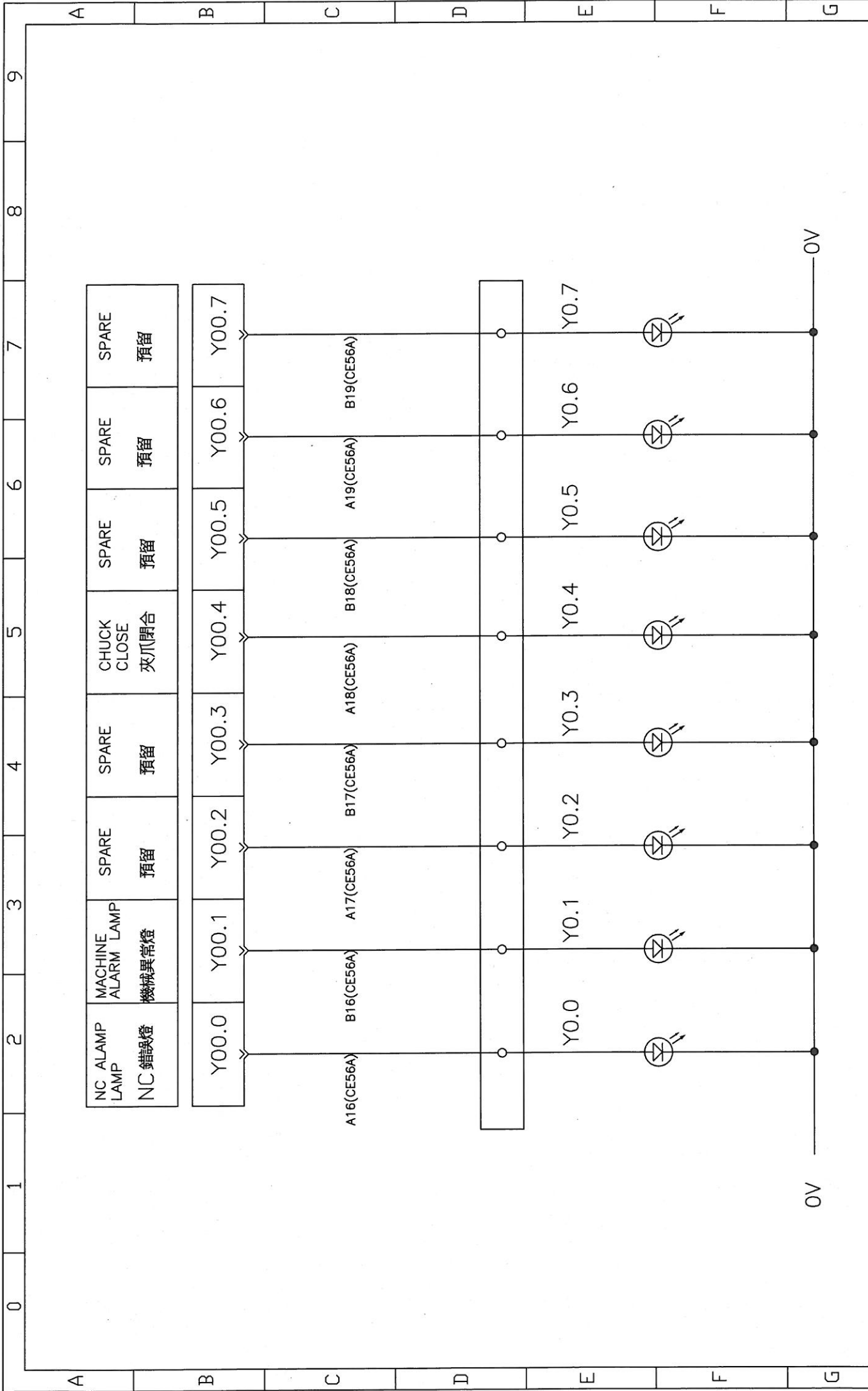
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d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine:	□□ Grinding	Drawing No.:	34
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a	Drawn	16	10	14	SHUN							

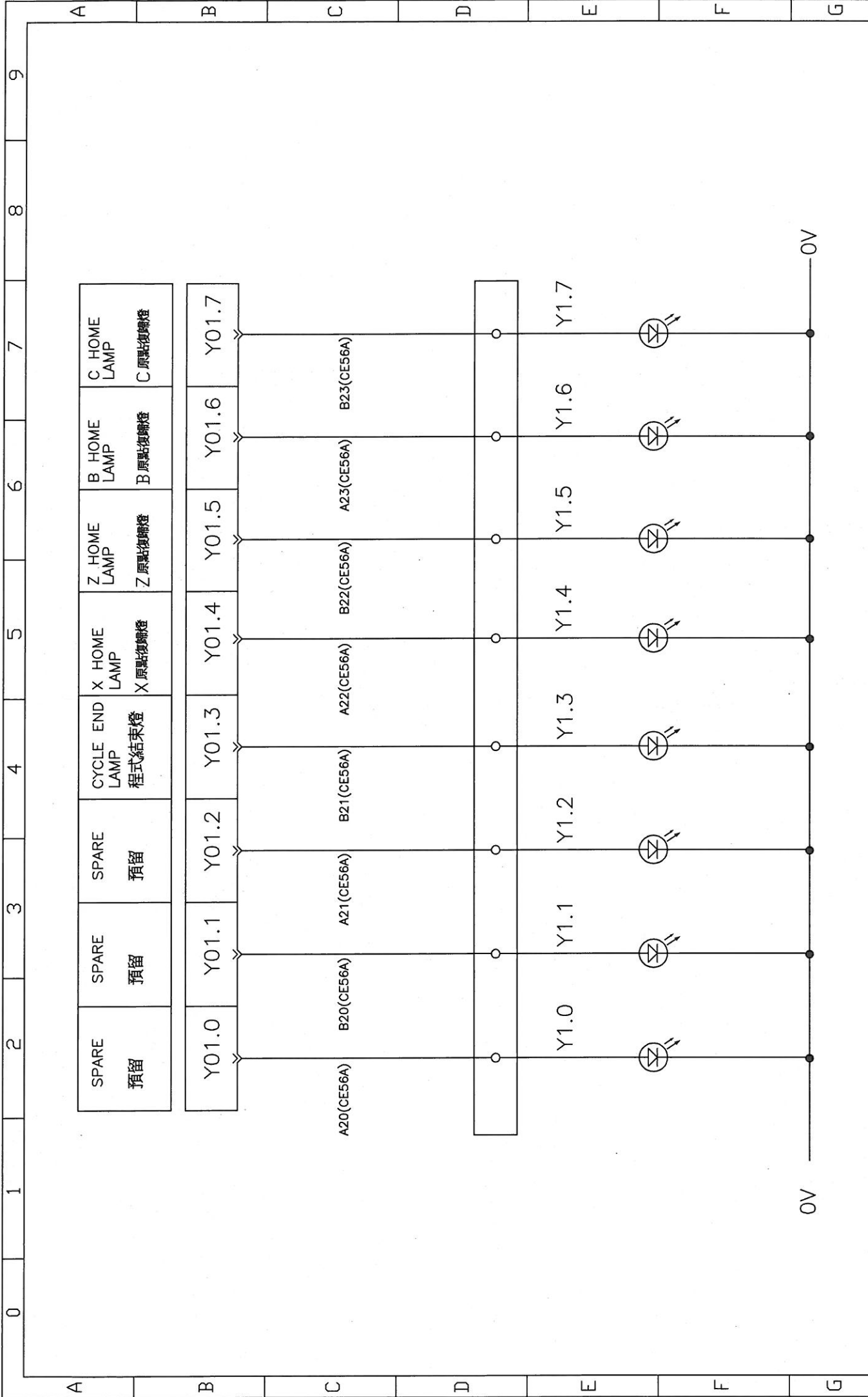


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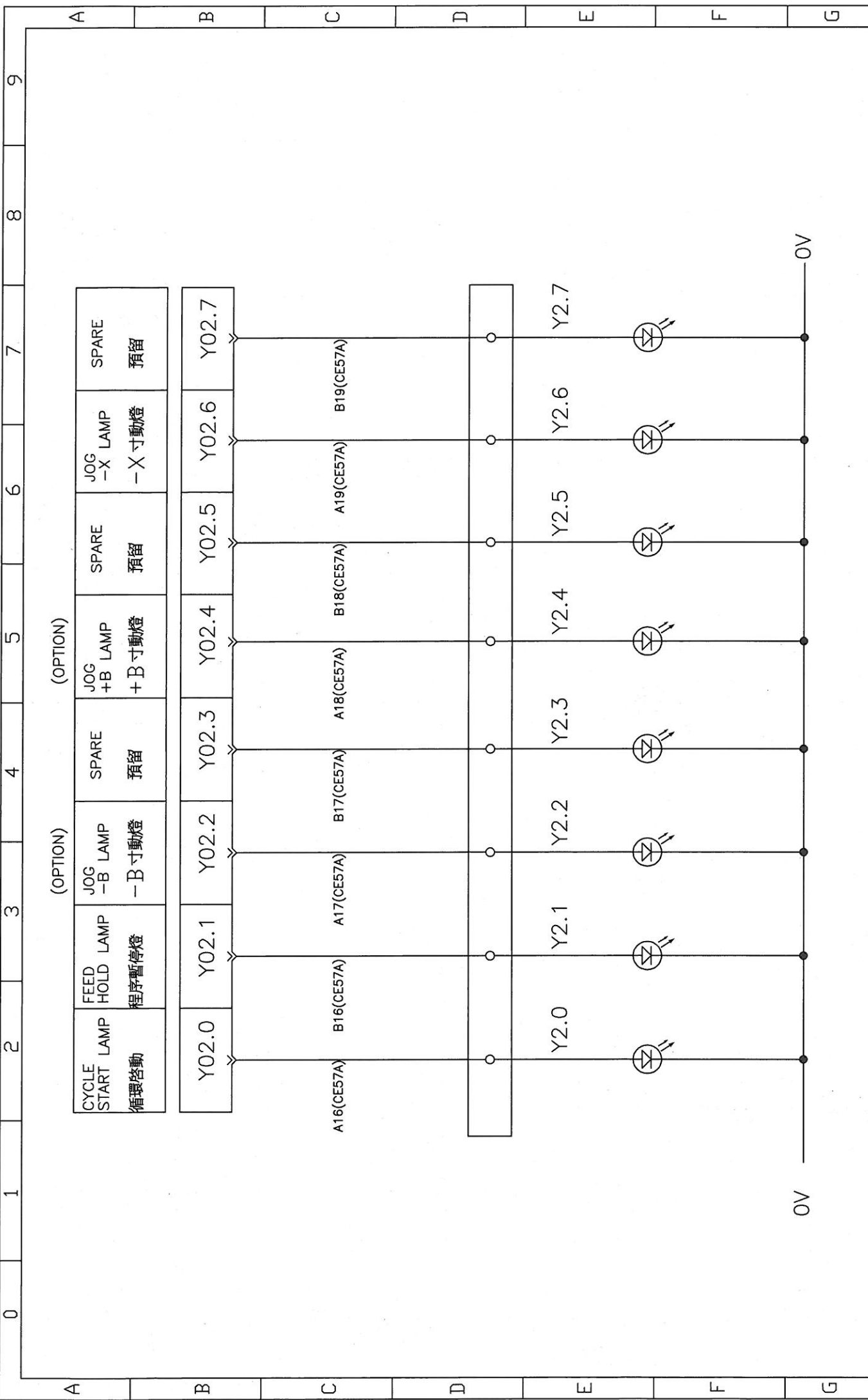
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a	Drawn	16	10	14	SHUN							



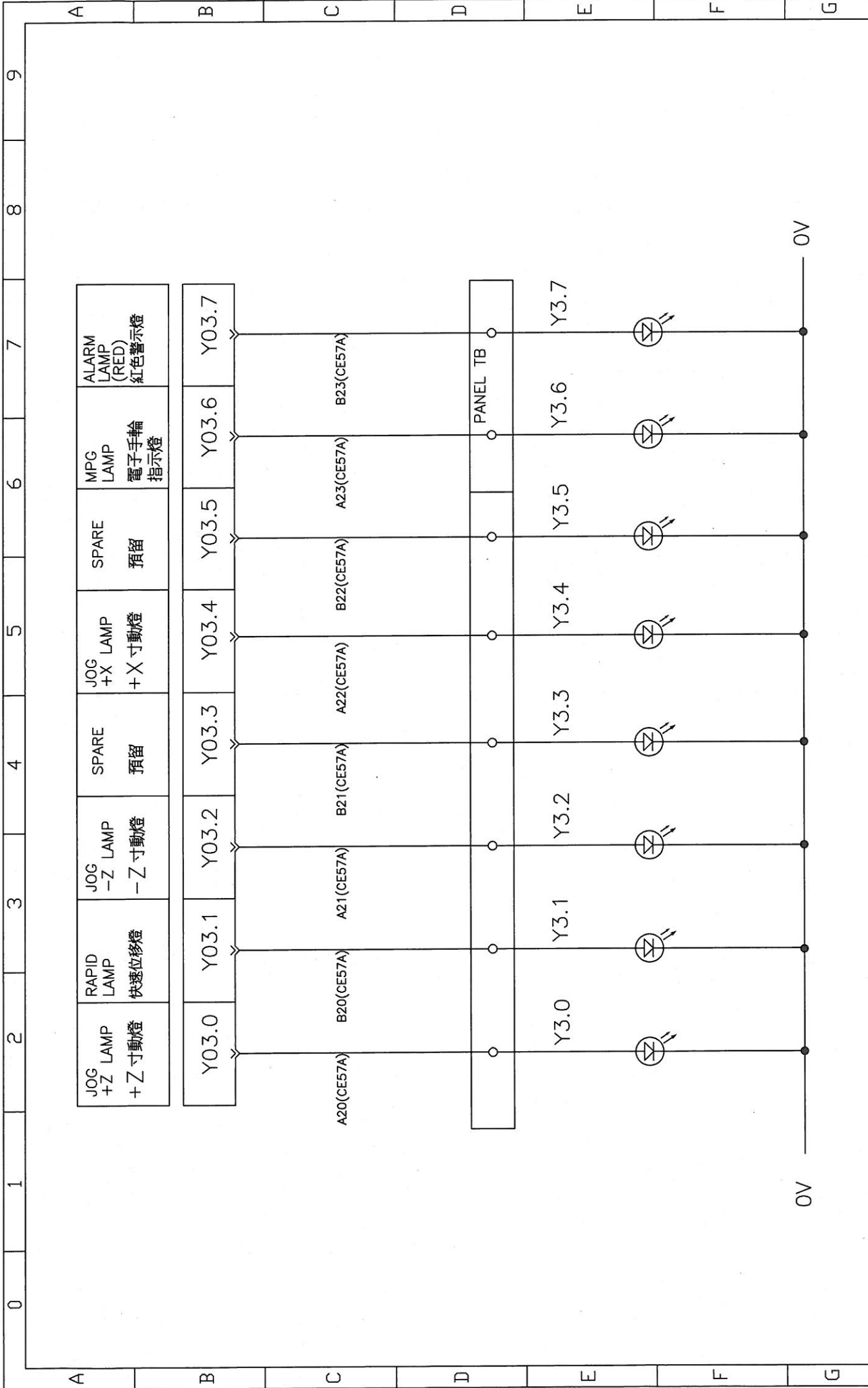
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c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	OD Grinding	36
b	Designed	16	10	14	SHUN		Title: OPERATION PANEL (LAMP)			
a	Drawn	16	10	14	SHUN					



d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine:	DD Grinding	Drawing No.:	37	
c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title:	OPERATION PANEL (LAMP)			
b	Designed	16	10	14	SHUN								
a	Drawn	16	10	14	SHUN								



Approved		16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine: □□ Grinding	Drawing No.: 38	
Checked		16	10	14	SHUN						
Designed		16	10	14	SHUN						
Drawn		16	10	14	SHUN						
							MODEL	<b>OD-CNC</b>	Title: OPERATION PANEL (LAMP)		

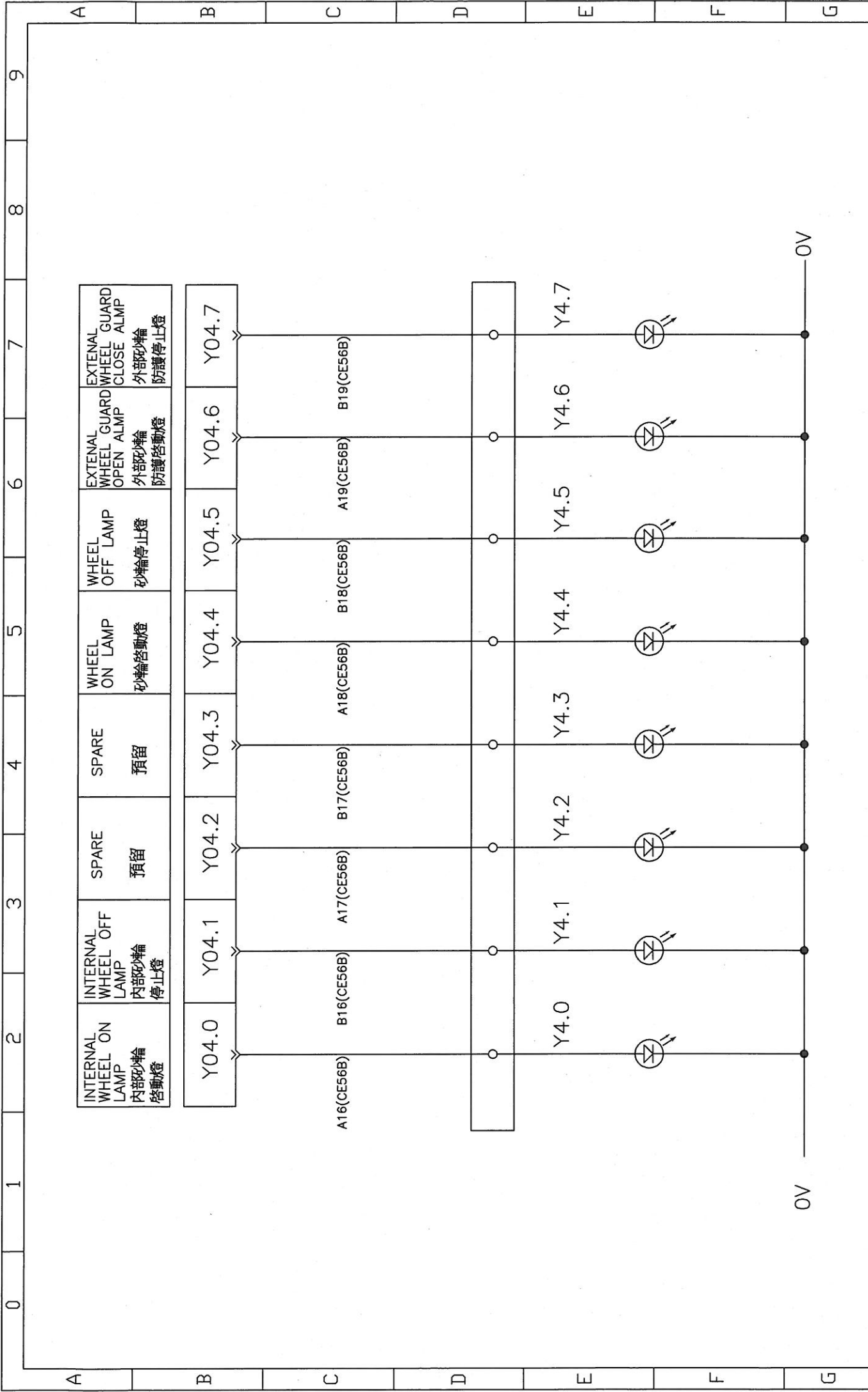


0 1 2 3 4 5 6 7 8 9

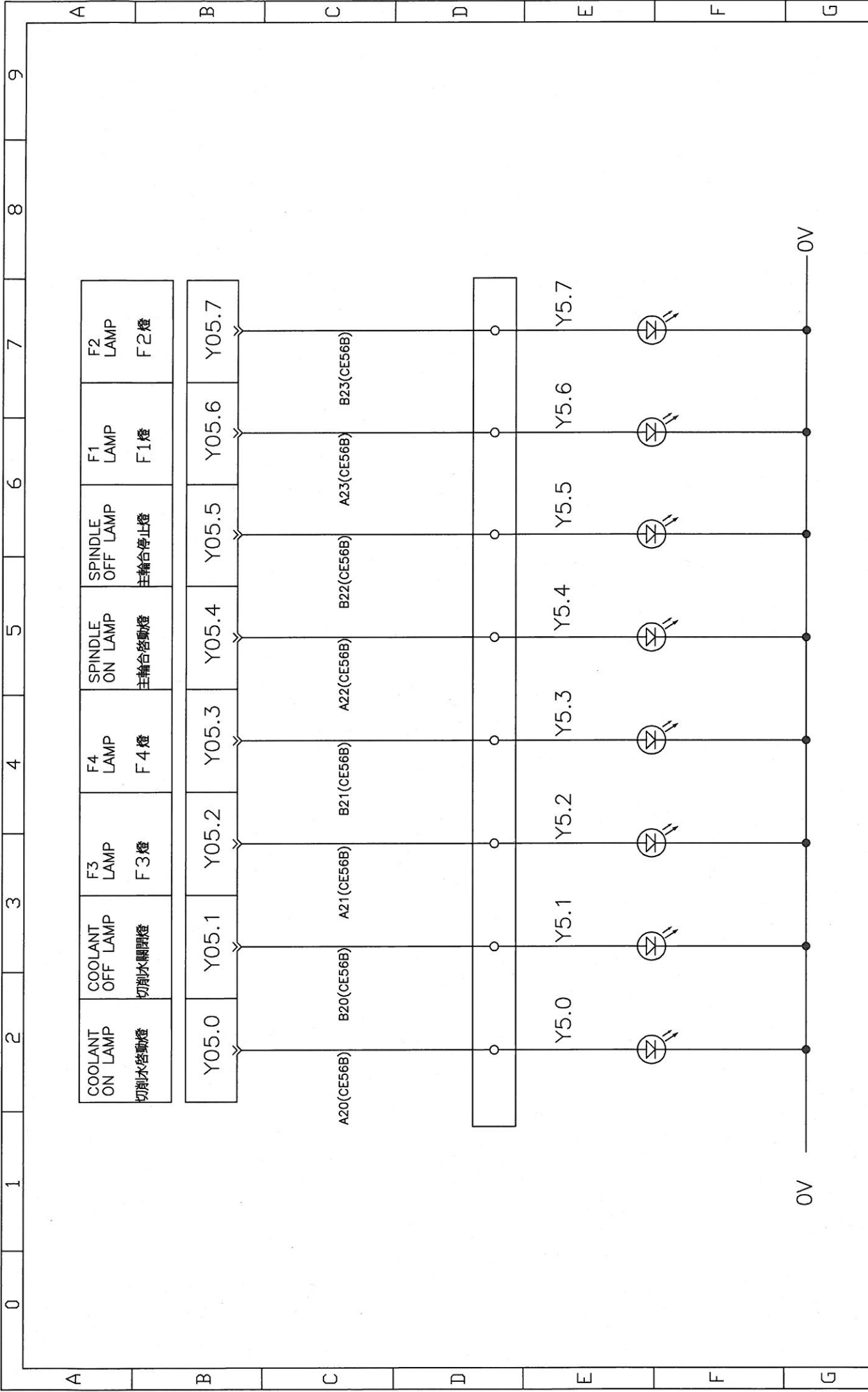
A B C D E F G

d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine:	DD Grinding	Drawing No.:	39	
c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title:	OPERATION PANEL (LAMP)			
b	Designed	16	10	14	SHUN								
a	Drawn	16	10	14	SHUN								

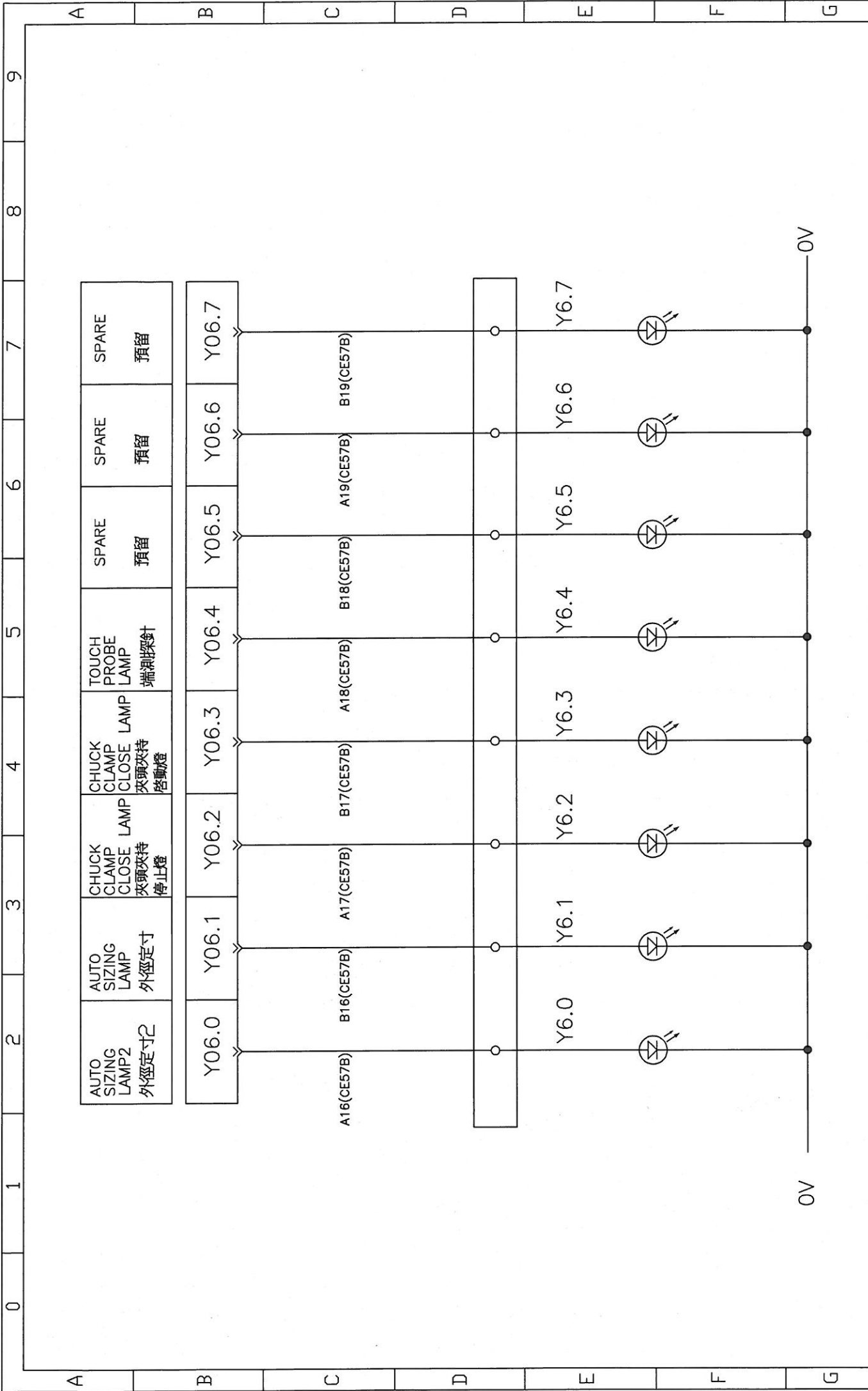




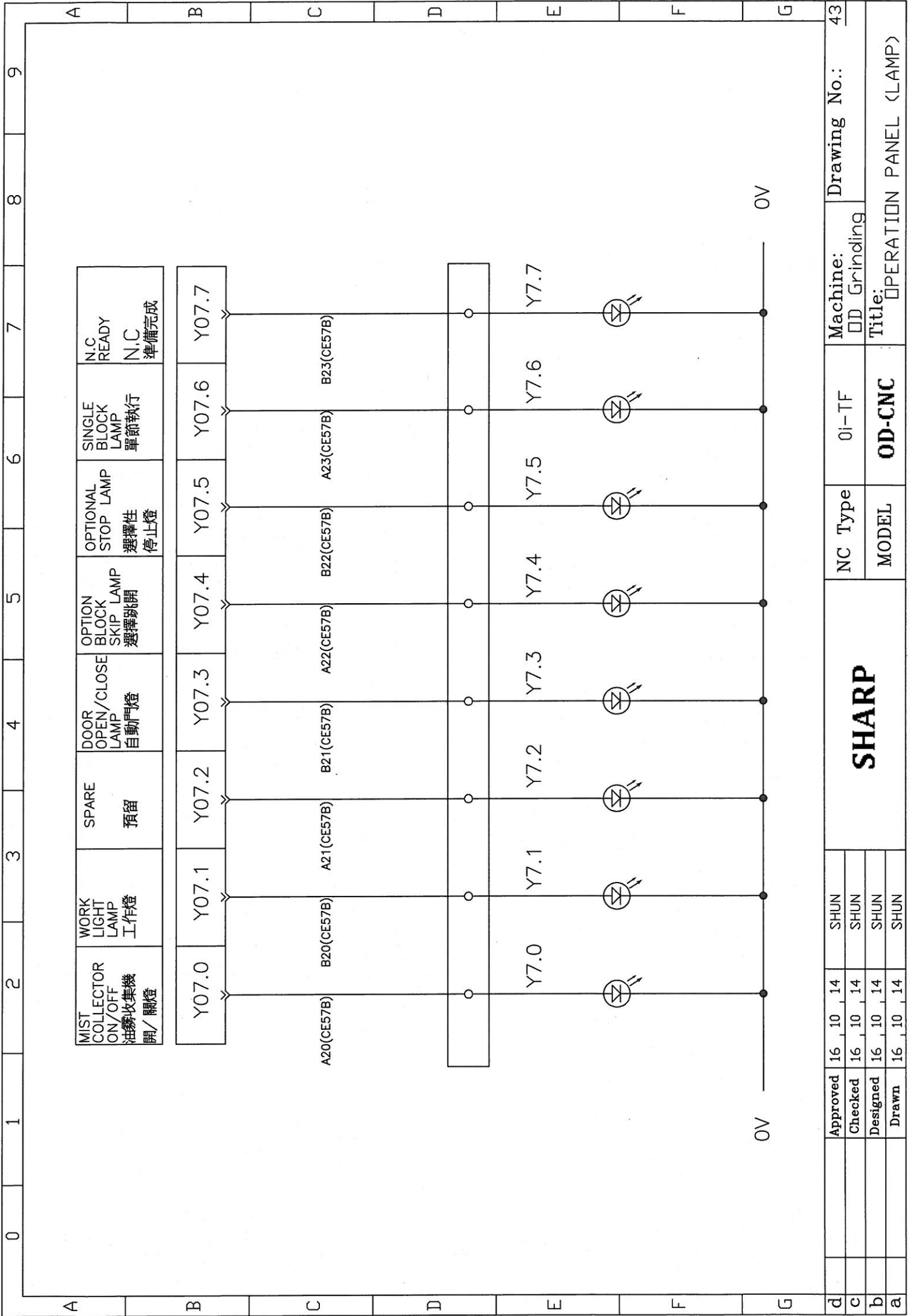
d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine:	□□ Grinding	Drawing No.:	40	
c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title:	OUTPUT ADDRESS			
b	Designed	16	10	14	SHUN								
a	Drawn	16	10	14	SHUN								



d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine:	DD Grinding	Drawing No.:	41	
c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title:	OPERATION PANEL (LAMP)			
b	Designed	16	10	14	SHUN								
a	Drawn	16	10	14	SHUN								



d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine:	DD Grinding	Drawing No.:	42
c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title: OPERATION PANEL (LAMP)			
b	Designed	16	10	14	SHUN							
a	Drawn	16	10	14	SHUN							



Machine: 0i-TF  
 Drawing No.: 43

NC Type  
 MODEL

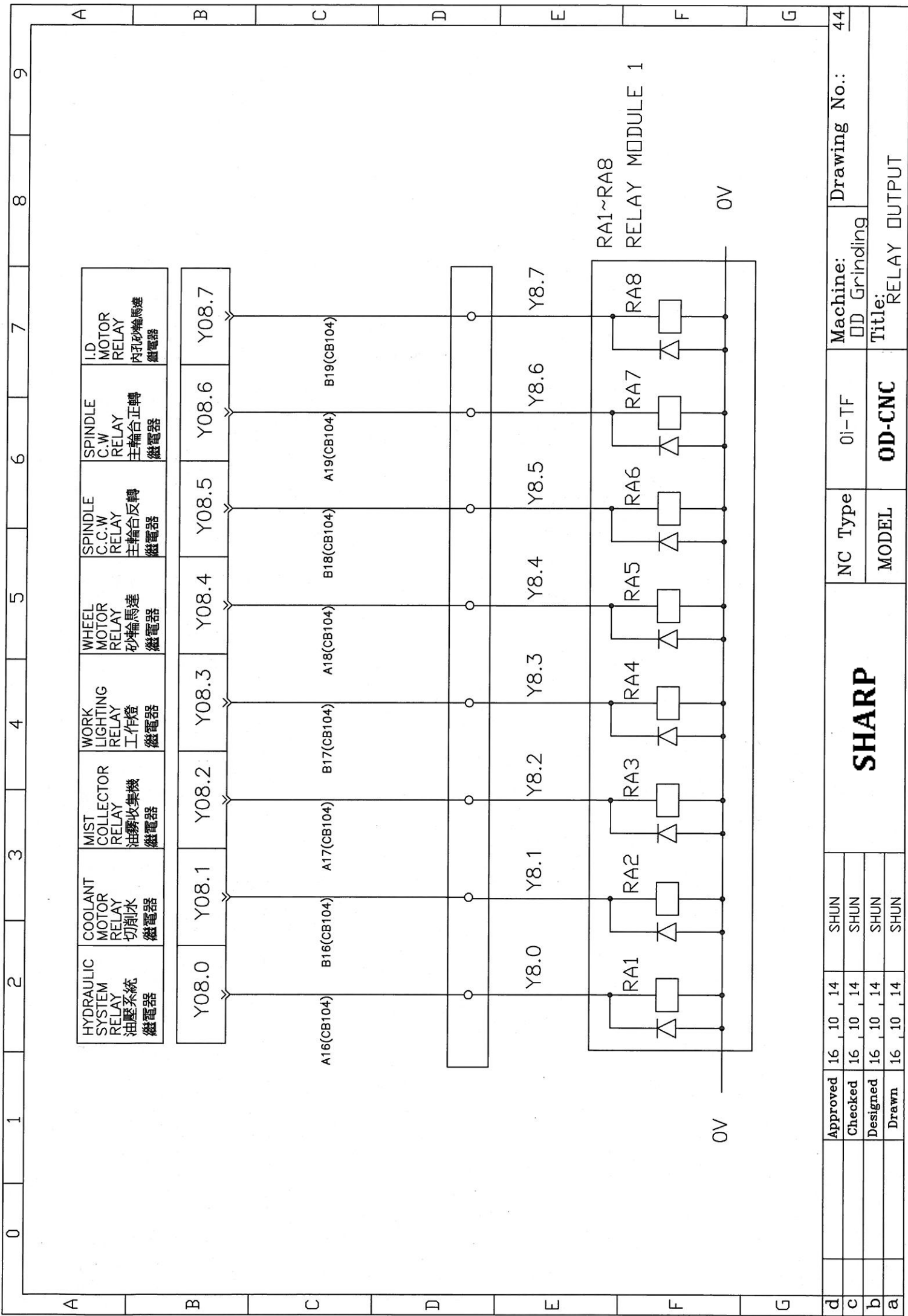
Machine: 0i-TF  
 Title: OPERATION PANEL (LAMP)

MODEL  
**OD-CNC**

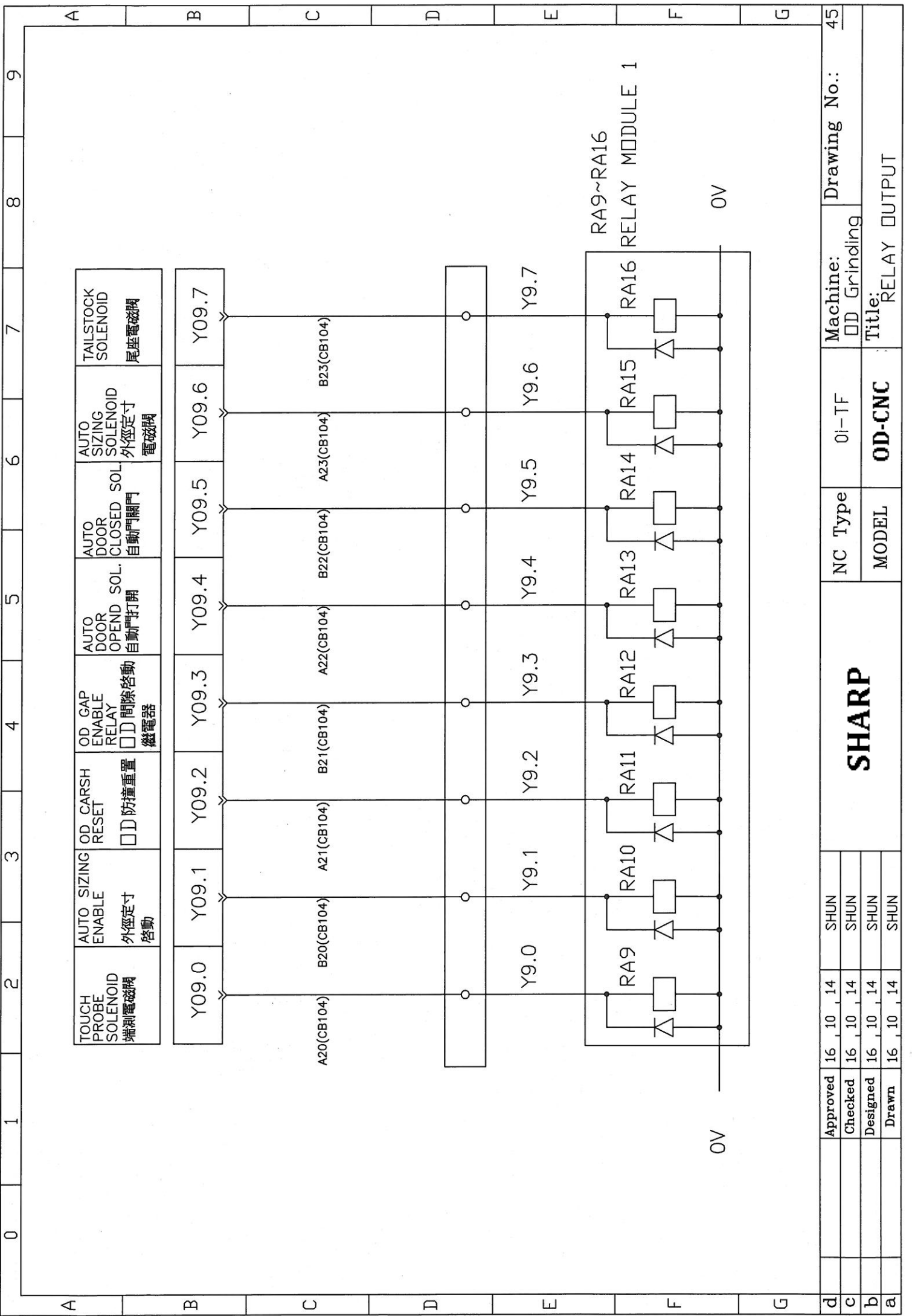
# SHARP

NC Type  
 MODEL

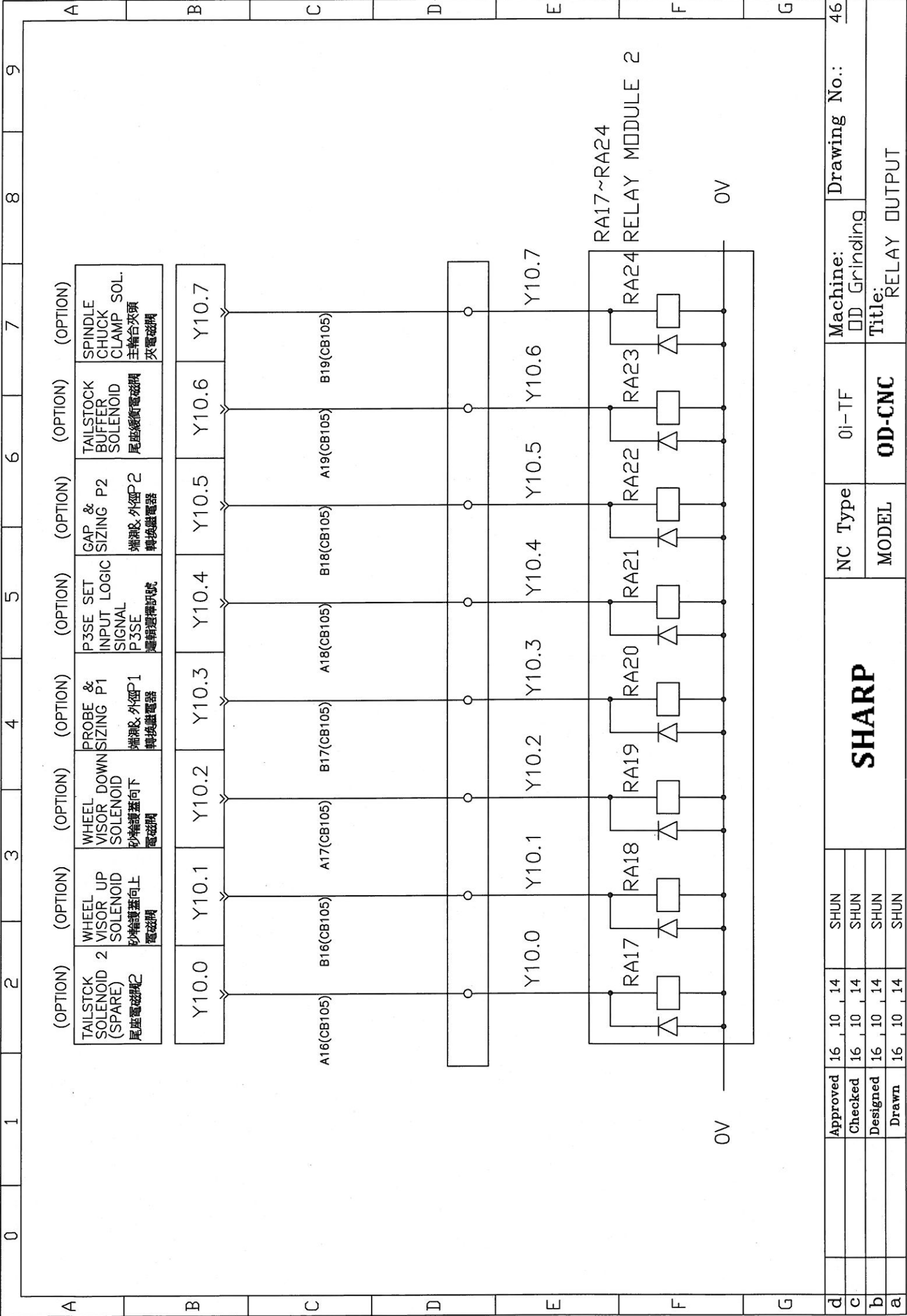
Machine: 0i-TF  
 Drawing No.: 43



d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine:	DD Grinding	Drawing No.:	44
c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title:		RELAY OUTPUT	
b	Designed	16	10	14	SHUN							
a	Drawn	16	10	14	SHUN							



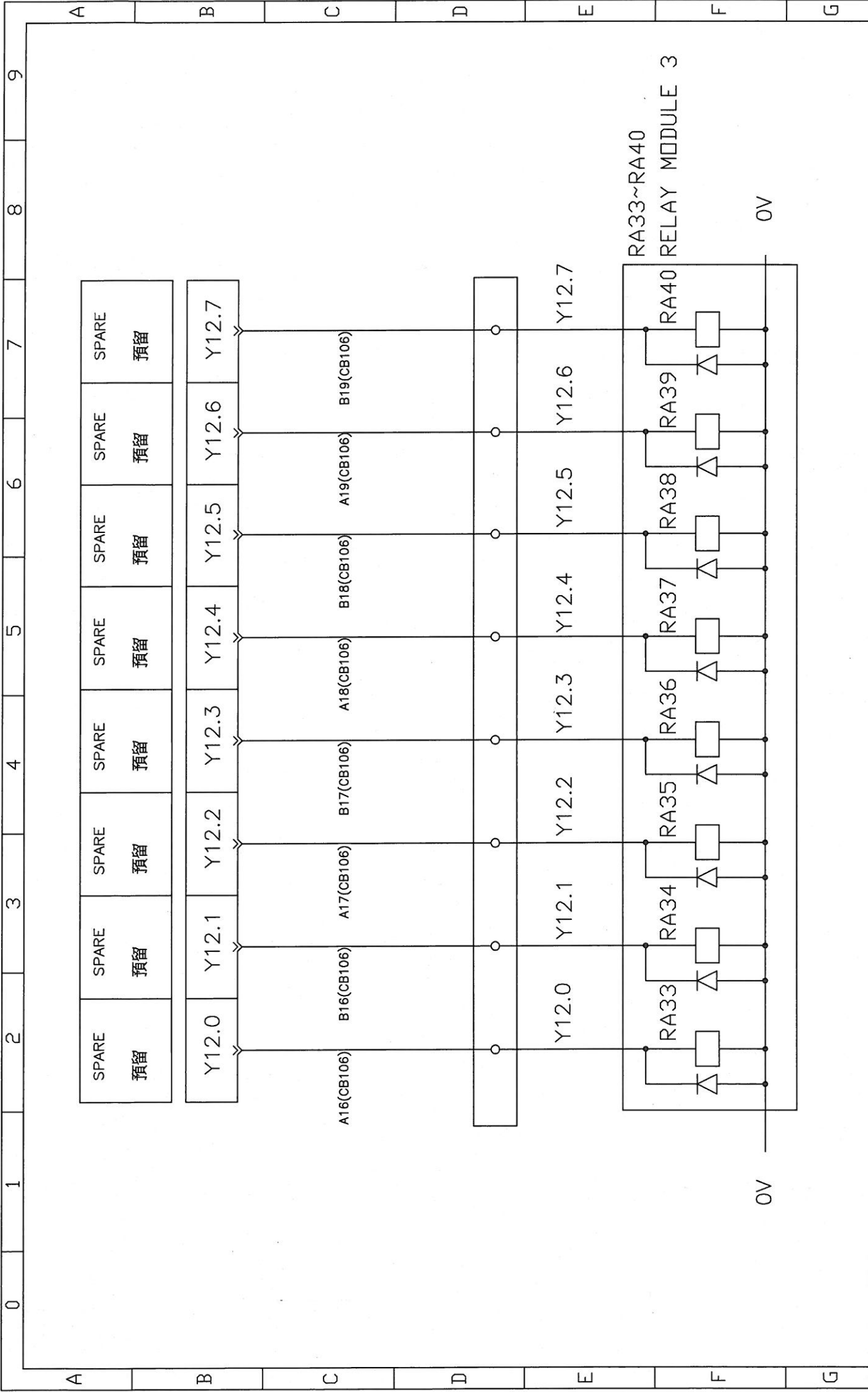
d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine:	Drawing No.:	
c	Checked	16	10	14	SHUN		MODEL	OD-CNC	0i Grinding	45	
b	Designed	16	10	14	SHUN		Title: RELAY OUTPUT				
a	Drawn	16	10	14	SHUN						



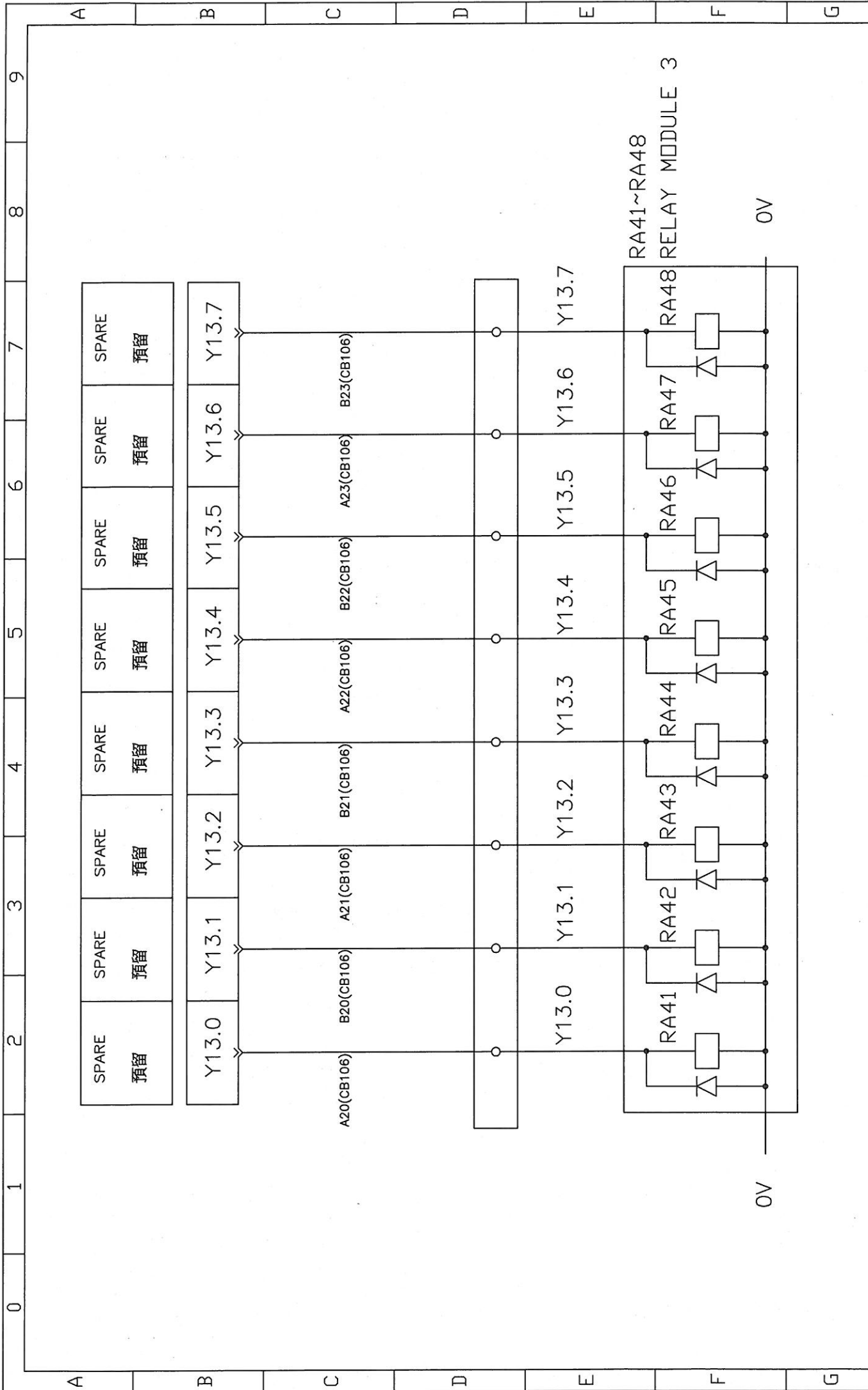
d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine:	Drawing No.:
c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	00 Grinding	46
b	Designed	16	10	14	SHUN		Title: RELAY OUTPUT			
a	Drawn	16	10	14	SHUN					



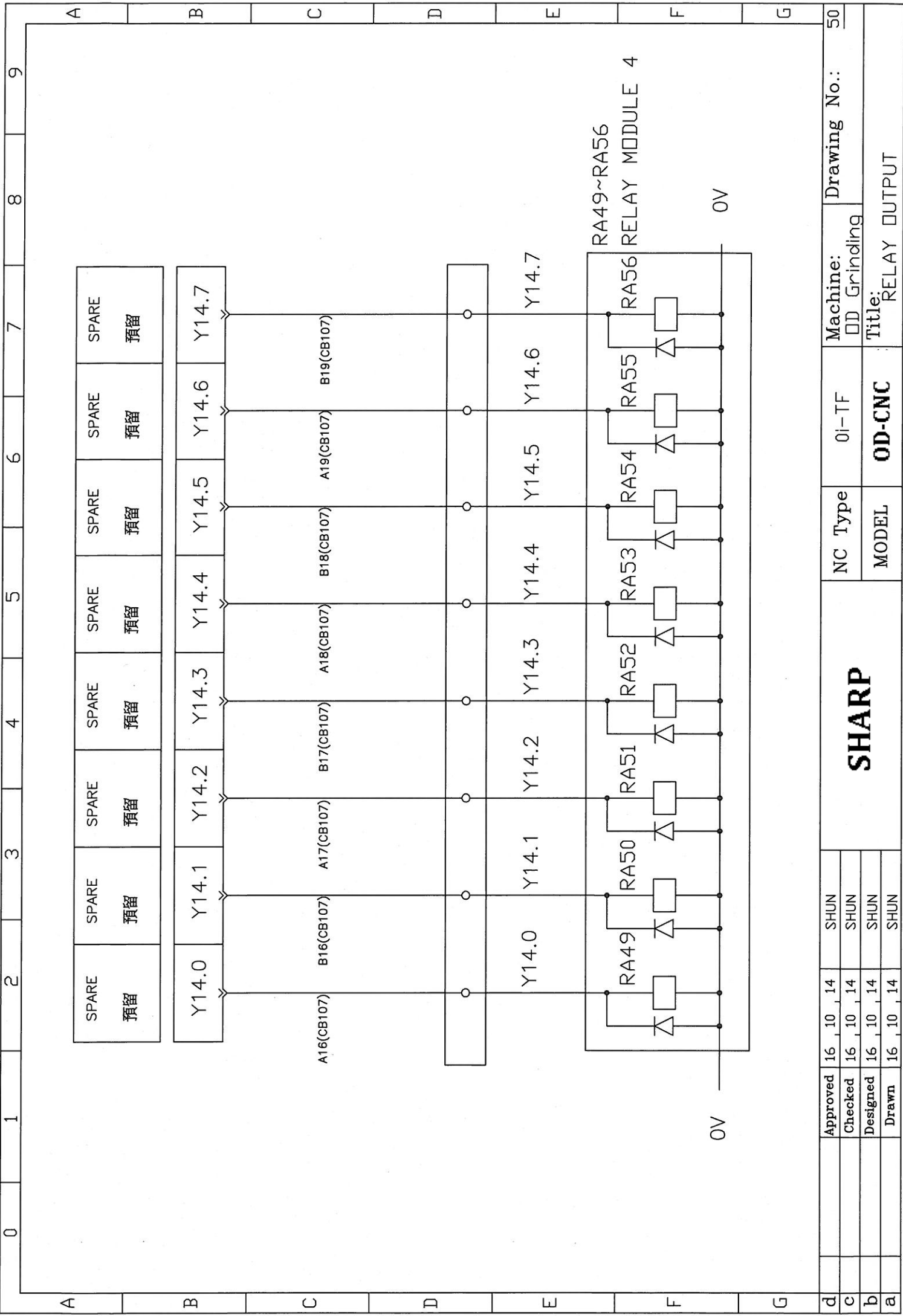


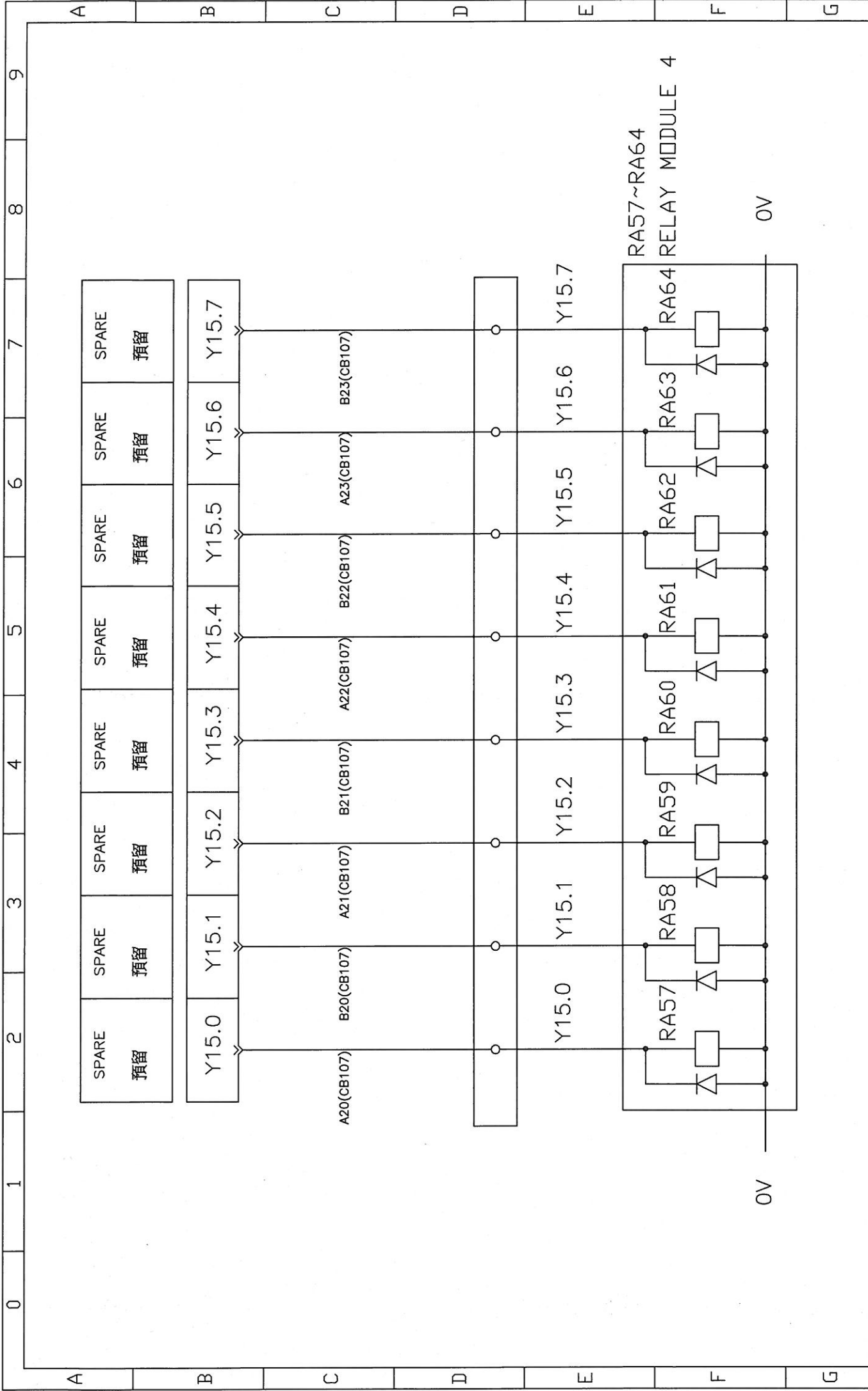


d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine: □□ Grinding	Drawing No.:	48
c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title:	RELAY OUTPUT	
b	Designed	16	10	14	SHUN						
a	Drawn	16	10	14	SHUN						



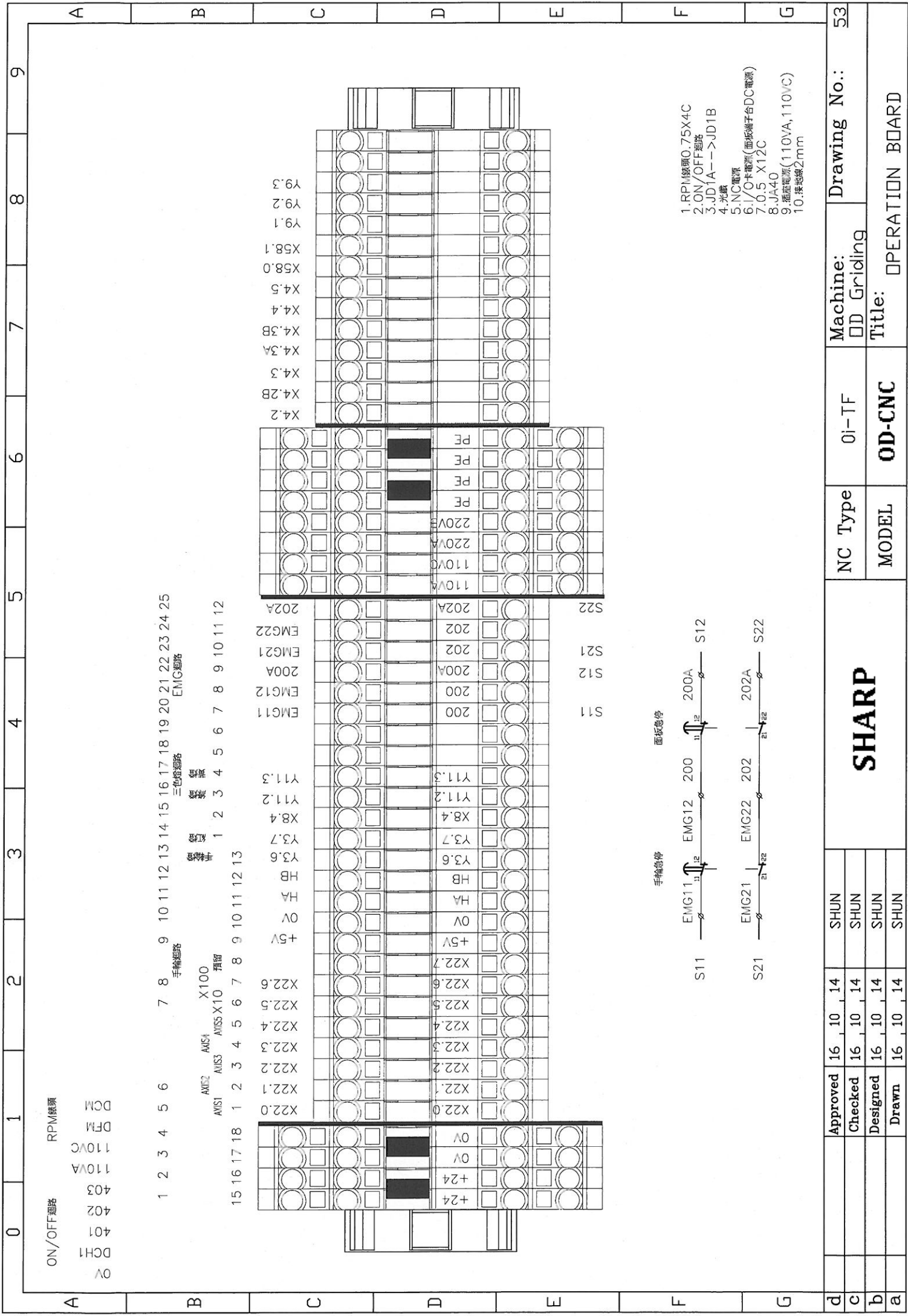
d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine:	Drawing No.:
c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	DD Grinding	49
b	Designed	16	10	14	SHUN		Title: RELAY OUTPUT			
a	Drawn	16	10	14	SHUN					





d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine: OD Grinding	Drawing No.:	51
c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title: RELAY OUTPUT		
b	Designed	16	10	14	SHUN						
a	Drawn	16	10	14	SHUN						

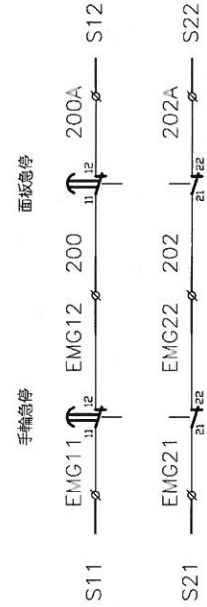




ON/OFF 迴路  
RPM 線頭  
DCM  
DTM  
110VC  
110VA  
403  
402  
401  
DCH1  
0V

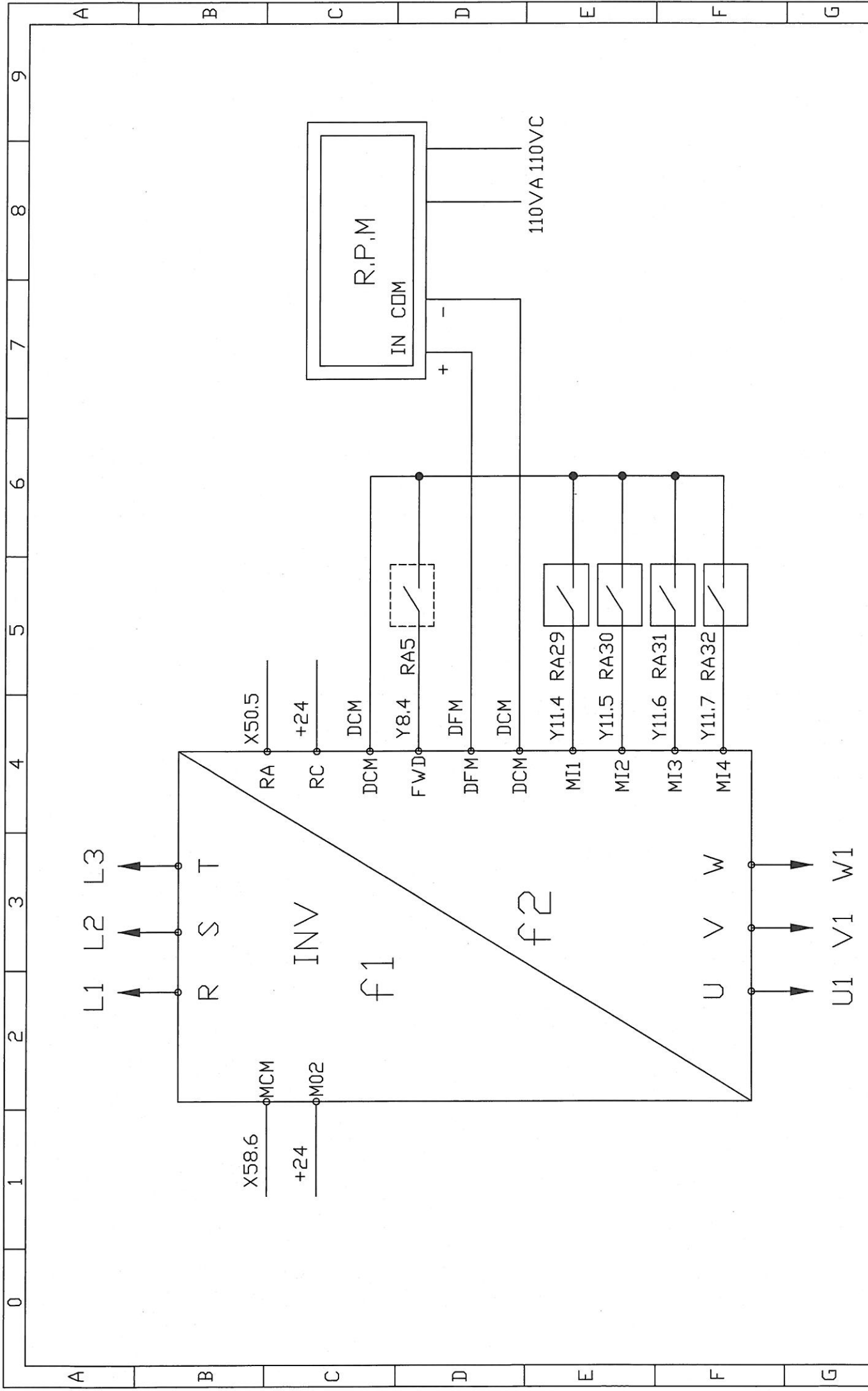
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25  
手輪迴路  
三色線迴路  
EMG迴路  
線架板  
線架板  
線架板  
預留  
預留  
預留

X22.0	EMG1	202A	110VA	110VA	220VA	220VA	PE	PE	PE	PE	X4.2	X4.2B	X4.3	X4.3A	X4.3B	X4.4	X4.5	X58.0	X58.1	Y9.1	Y9.2	Y9.3
X22.1	EMG12	200A	110V	110V	220V	220V	PE	PE	PE	PE	X4.2	X4.2B	X4.3	X4.3A	X4.3B	X4.4	X4.5	X58.0	X58.1	Y9.1	Y9.2	Y9.3
X22.2	EMG12	200A	110V	110V	220V	220V	PE	PE	PE	PE	X4.2	X4.2B	X4.3	X4.3A	X4.3B	X4.4	X4.5	X58.0	X58.1	Y9.1	Y9.2	Y9.3
X22.3	EMG12	200A	110V	110V	220V	220V	PE	PE	PE	PE	X4.2	X4.2B	X4.3	X4.3A	X4.3B	X4.4	X4.5	X58.0	X58.1	Y9.1	Y9.2	Y9.3
X22.4	EMG12	200A	110V	110V	220V	220V	PE	PE	PE	PE	X4.2	X4.2B	X4.3	X4.3A	X4.3B	X4.4	X4.5	X58.0	X58.1	Y9.1	Y9.2	Y9.3
X22.5	EMG12	200A	110V	110V	220V	220V	PE	PE	PE	PE	X4.2	X4.2B	X4.3	X4.3A	X4.3B	X4.4	X4.5	X58.0	X58.1	Y9.1	Y9.2	Y9.3
X22.6	EMG12	200A	110V	110V	220V	220V	PE	PE	PE	PE	X4.2	X4.2B	X4.3	X4.3A	X4.3B	X4.4	X4.5	X58.0	X58.1	Y9.1	Y9.2	Y9.3
X22.7	EMG12	200A	110V	110V	220V	220V	PE	PE	PE	PE	X4.2	X4.2B	X4.3	X4.3A	X4.3B	X4.4	X4.5	X58.0	X58.1	Y9.1	Y9.2	Y9.3
+5V	EMG12	200A	110V	110V	220V	220V	PE	PE	PE	PE	X4.2	X4.2B	X4.3	X4.3A	X4.3B	X4.4	X4.5	X58.0	X58.1	Y9.1	Y9.2	Y9.3
0V	EMG12	200A	110V	110V	220V	220V	PE	PE	PE	PE	X4.2	X4.2B	X4.3	X4.3A	X4.3B	X4.4	X4.5	X58.0	X58.1	Y9.1	Y9.2	Y9.3
HA	EMG12	200A	110V	110V	220V	220V	PE	PE	PE	PE	X4.2	X4.2B	X4.3	X4.3A	X4.3B	X4.4	X4.5	X58.0	X58.1	Y9.1	Y9.2	Y9.3
HB	EMG12	200A	110V	110V	220V	220V	PE	PE	PE	PE	X4.2	X4.2B	X4.3	X4.3A	X4.3B	X4.4	X4.5	X58.0	X58.1	Y9.1	Y9.2	Y9.3
Y3.6	EMG12	200A	110V	110V	220V	220V	PE	PE	PE	PE	X4.2	X4.2B	X4.3	X4.3A	X4.3B	X4.4	X4.5	X58.0	X58.1	Y9.1	Y9.2	Y9.3
Y3.7	EMG12	200A	110V	110V	220V	220V	PE	PE	PE	PE	X4.2	X4.2B	X4.3	X4.3A	X4.3B	X4.4	X4.5	X58.0	X58.1	Y9.1	Y9.2	Y9.3
X8.4	EMG12	200A	110V	110V	220V	220V	PE	PE	PE	PE	X4.2	X4.2B	X4.3	X4.3A	X4.3B	X4.4	X4.5	X58.0	X58.1	Y9.1	Y9.2	Y9.3
Y11.2	EMG12	200A	110V	110V	220V	220V	PE	PE	PE	PE	X4.2	X4.2B	X4.3	X4.3A	X4.3B	X4.4	X4.5	X58.0	X58.1	Y9.1	Y9.2	Y9.3
Y11.3	EMG12	200A	110V	110V	220V	220V	PE	PE	PE	PE	X4.2	X4.2B	X4.3	X4.3A	X4.3B	X4.4	X4.5	X58.0	X58.1	Y9.1	Y9.2	Y9.3
202A	EMG12	200A	110V	110V	220V	220V	PE	PE	PE	PE	X4.2	X4.2B	X4.3	X4.3A	X4.3B	X4.4	X4.5	X58.0	X58.1	Y9.1	Y9.2	Y9.3
S22	EMG12	200A	110V	110V	220V	220V	PE	PE	PE	PE	X4.2	X4.2B	X4.3	X4.3A	X4.3B	X4.4	X4.5	X58.0	X58.1	Y9.1	Y9.2	Y9.3

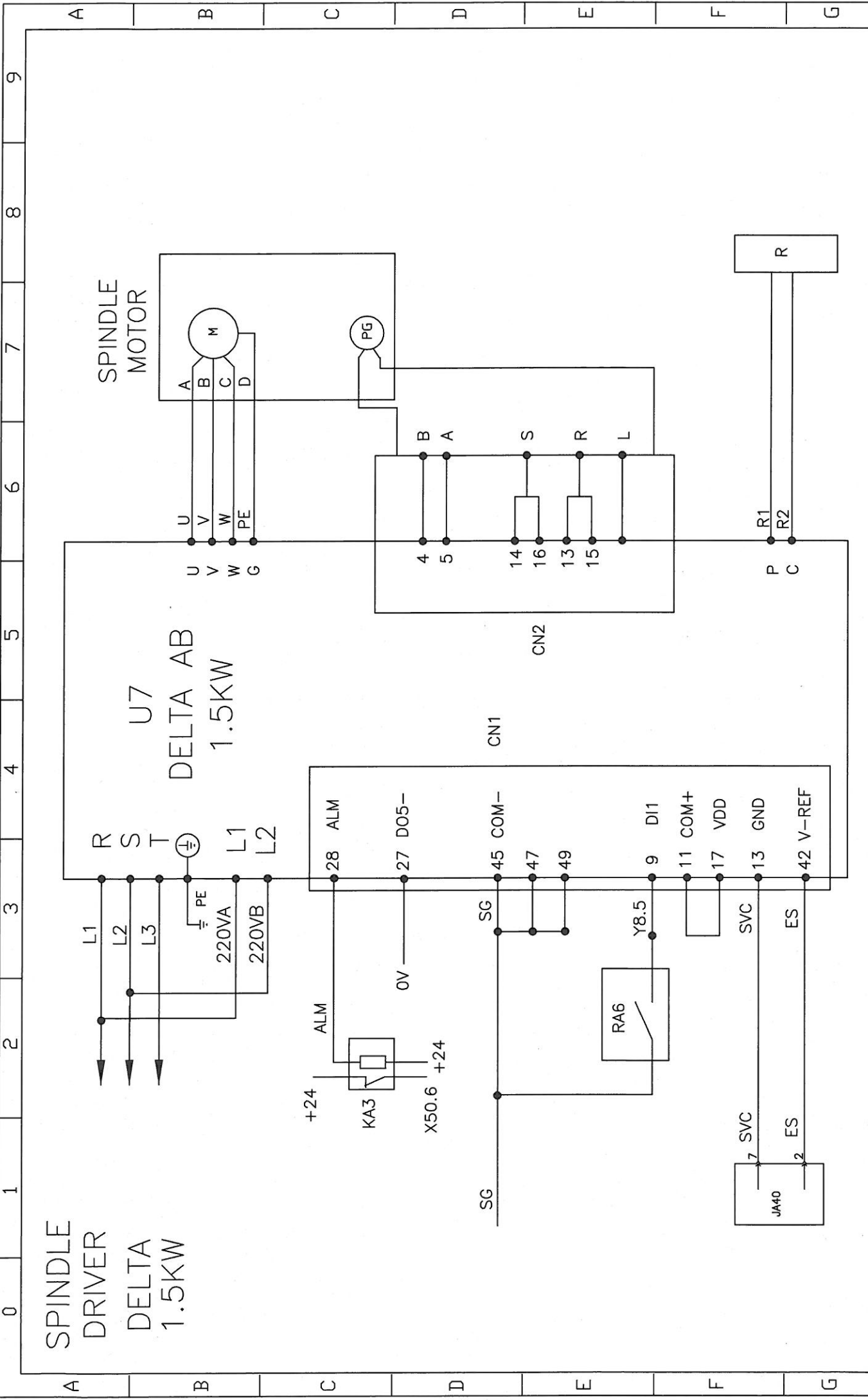


1. RPM 線頭 0.75X4C
2. ON/OFF 迴路
3. JD1A --> JD1B
4. 光纖
5. NC 電源
6. I/O 卡電源 (面或端子台DC 電源)
7. 0.5 X12C
8. JA40
9. 插板電源 (110VA, 110VC)
10. 接地線 2mm

d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine:	Drawing No.:
c	Checked	16	10	14	SHUN		MODEL	OD Gridding	0D Gridding	53
b	Designed	16	10	14	SHUN		OD-CNC	Title:	OPERATION BOARD	
a	Drawn	16	10	14	SHUN					



d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type <b>0I-TF</b>	Machine: □□ Gridding	Drawing No.: <b>54</b>
c	Checked	16	10	14	SHUN				
b	Designed	16	10	14	SHUN				
a	Drawn	16	10	14	SHUN				
							<b>MODEL</b>	<b>OD-CNC</b>	Title: WHEEL INVERTER



SPINDLE DRIVER  
DELTA  
1.5KW

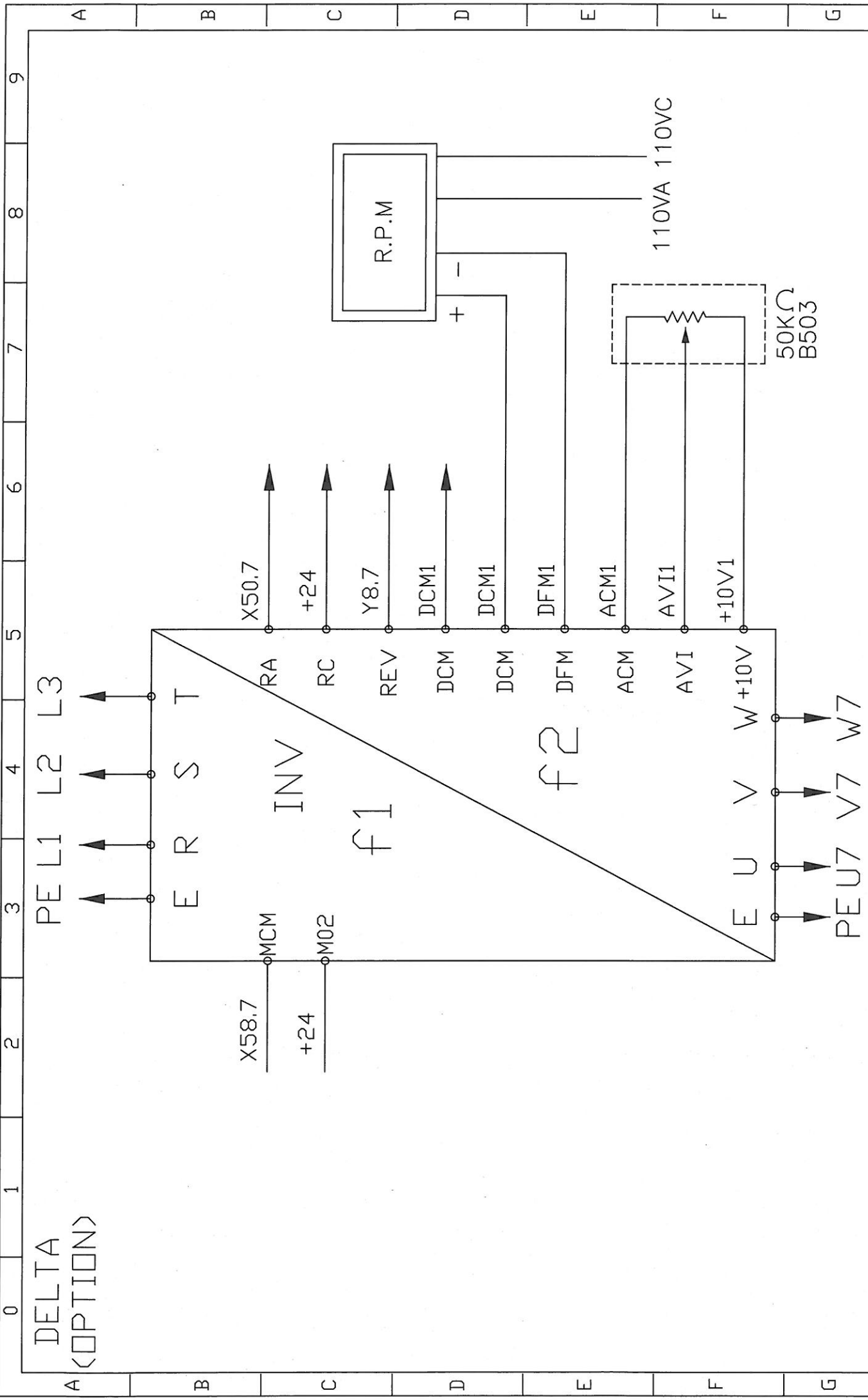
U7  
DELTA AB  
1.5KW

SPINDLE MOTOR

**SHARP**

d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine:	DD Grinding	Drawing No.:	55
c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title:	SPINDLE DRIVER(DELTA)		
b	Designed	16	10	14	SHUN							
a	Drawn	16	10	14	SHUN							





DELTA  
(OPTION)

PE L1 L2 L3

X58.7

+24

X50.7

+24

R.P.M

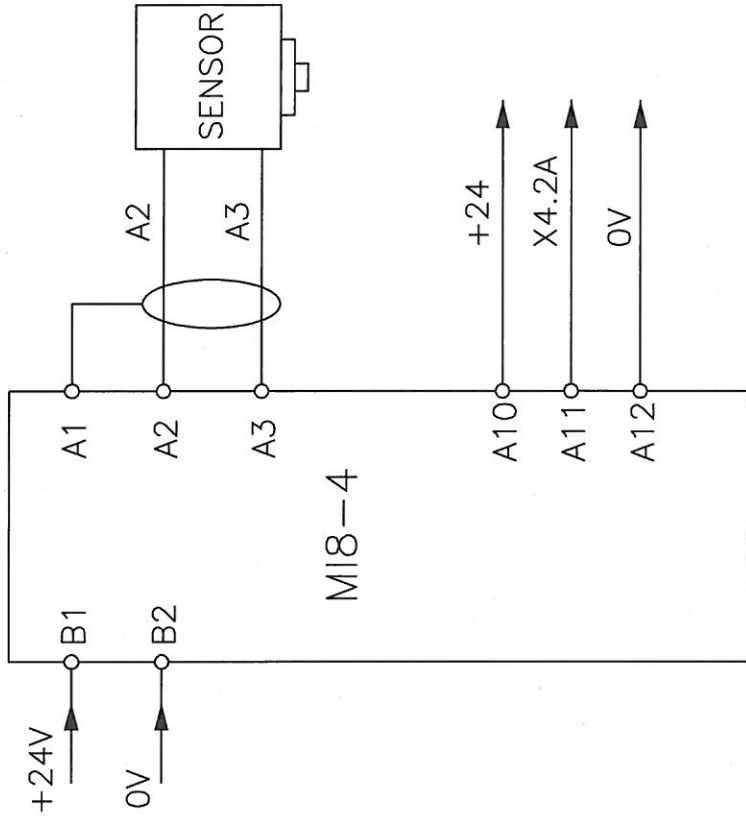
110VA 110V

50KΩ  
B503

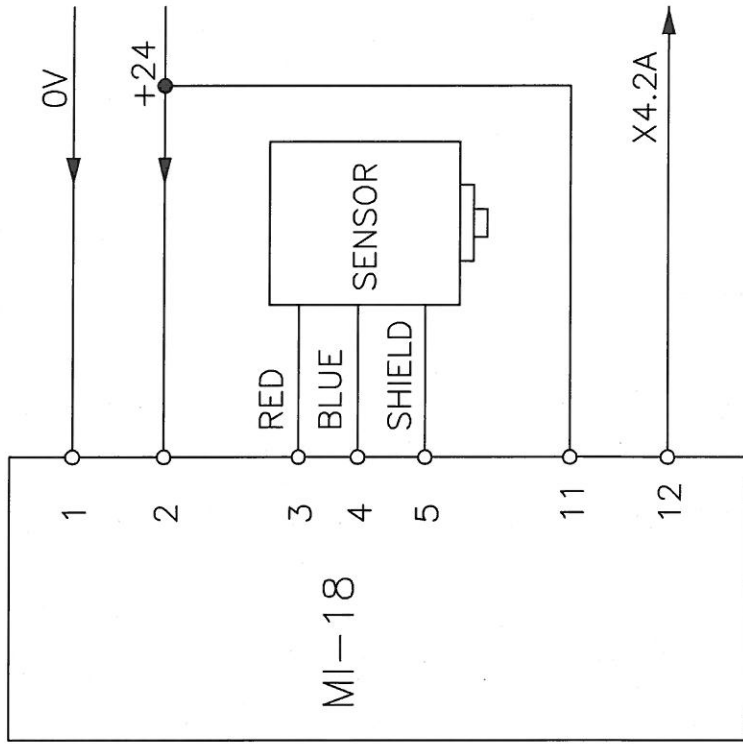
**SHARP**

Approved	16	10	14	SHUN	NC Type	0i-TF	Machine: DD Grinding	Drawing No.: 56
Checked	16	10	14	SHUN				
Designed	16	10	14	SHUN				
Drawn	16	10	14	SHUN				
					MODEL	<b>OD-CNC</b>	Title: ID INVERTER	

RENISHAW(OPTION)  
端面(TOUCH PROBE)



MARPOSS(OPTION)  
端面(TOUCH PROBE)



**SHARP**

Approved	16	10	14	SHUN
Checked	16	10	14	SHUN
Designed	16	10	14	SHUN
Drawn	16	10	14	SHUN

NC Type	0i-TF
MODEL	<b>OD-CNC</b>

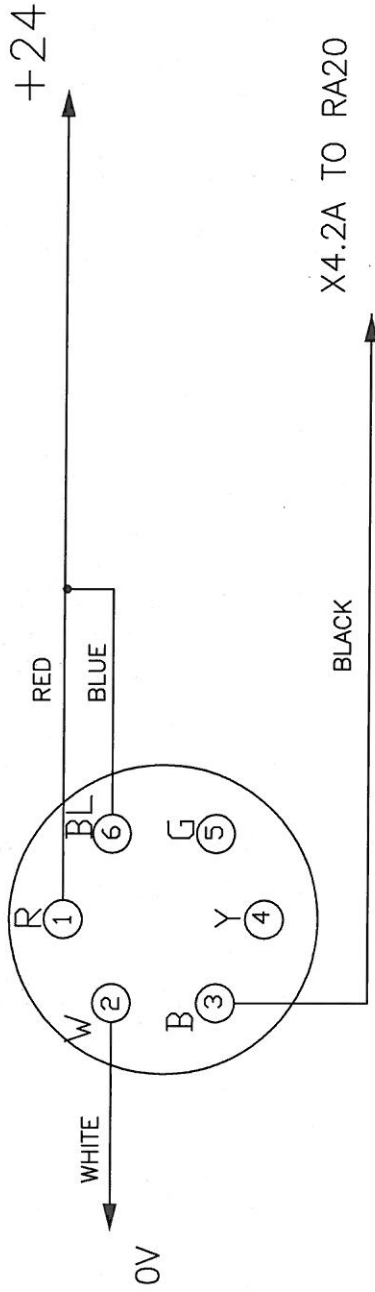
Machine:  
□□ Gridding

Title: TOUCH PROBE

Drawing No.: 57

TL-02(OPTION)  
端面(TOUCH PROBE)

6C 隔離線



Approved	16	10	14	SHUN
Checked	16	10	14	SHUN
Designed	16	10	14	SHUN
Drawn	16	10	14	SHUN

**SHARP**

NC Type

01-TF

MODEL

**OD-CNC**

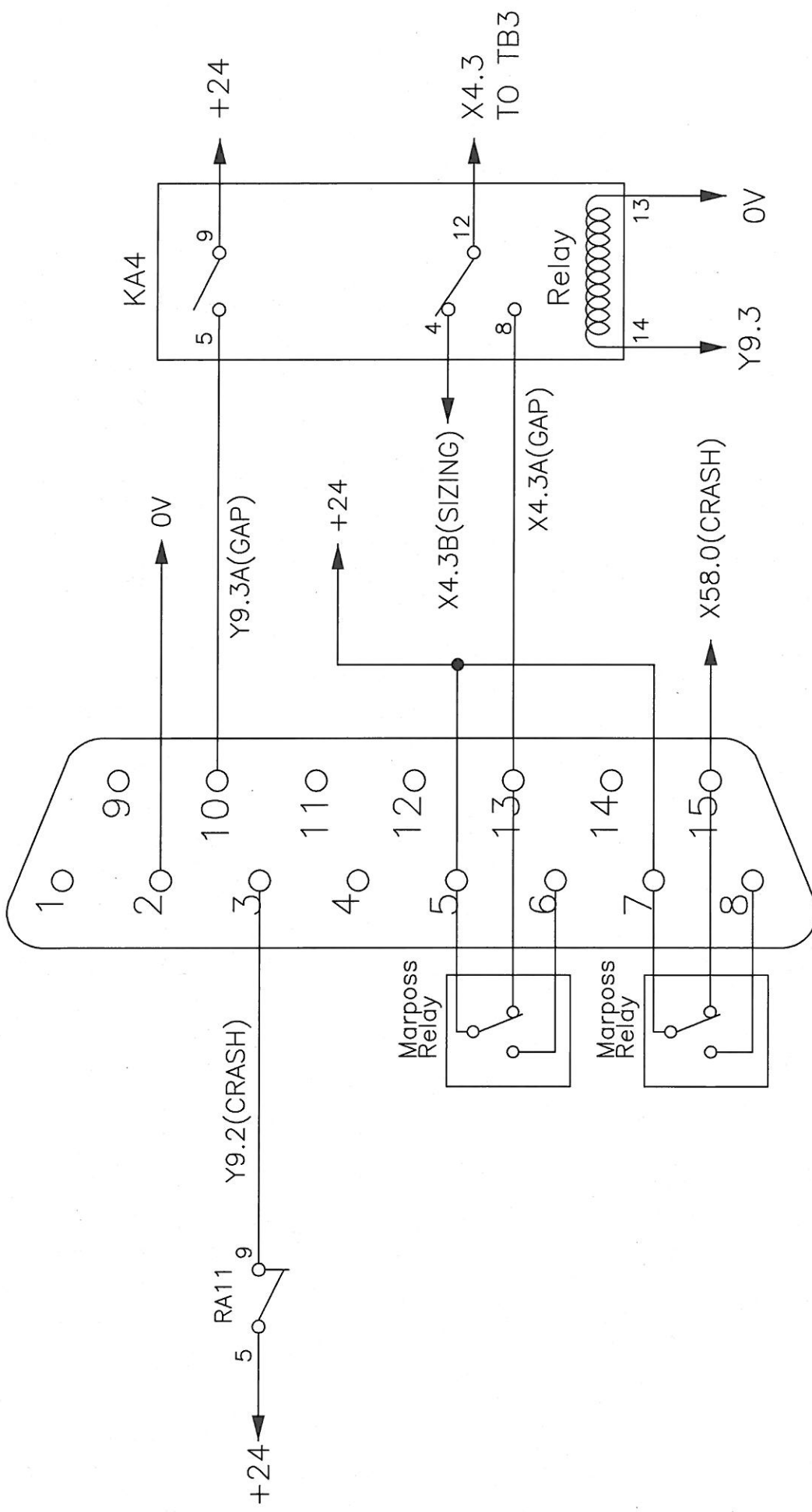
Machine:  
 DD Griding

Title: TOUCH PROBE

Drawing No.:

58

MARPOSS E20N(OPTION)  
 間隙(GAP) & 防撞(CRASH)



d	Approved	16	10	14	SHUN
c	Checked	16	10	14	SHUN
b	Designed	16	10	14	SHUN
a	Drawn	16	10	14	SHUN

**SHARP**

NC Type	0i-TF
MODEL	<b>OD-CNC</b>

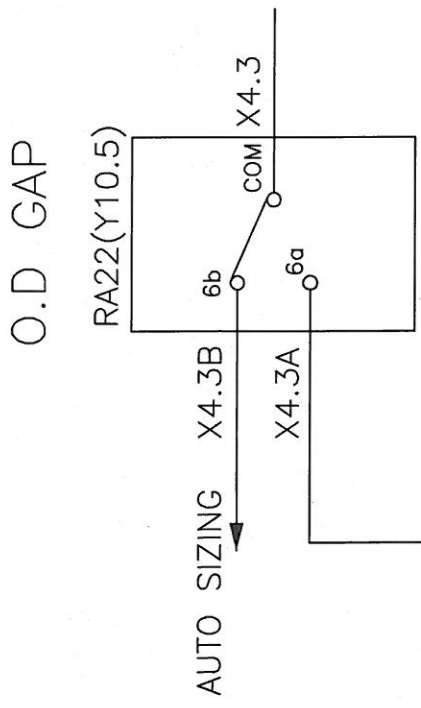
Machine:	DD Grinding
Title:	GAP&CRASH

Drawing No.:	59
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# MARPOSS(P3SE) GAP&CRASH 防碰撞/間隙

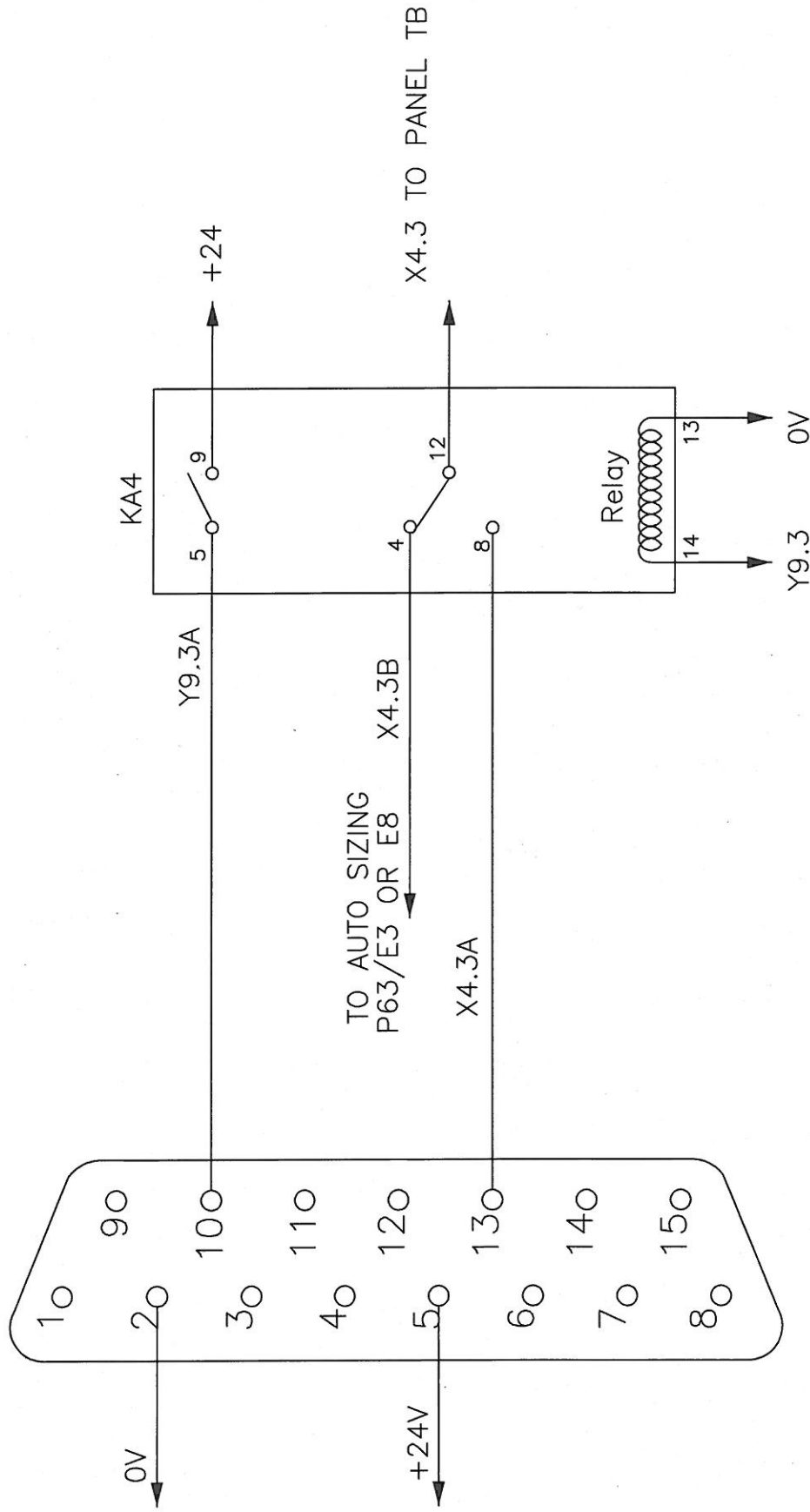
## 9C 隔離線

NO	DESCRIPTION	COLOR	I/O
1	NOT CONNECTED		
9	NOT CONNECTED		
2	CONNECT TO +24V FOR SOURCE TYPE	BLUE	0V
10	GAP#1 INPUT LOGIC SIGNAL	WHITE	Y9.3
3	CRASH#1 INPUT LOGIC SIGNAL	YELLOW	Y9.2
11	GAP#2 INPUT LOGIC SIGNAL(SPARE)		
4	CRASH#2 INPUT LOGIC SIGNAL(SPARE)		
12	SET INPUT LOGIC SIGNAL	PURPLE	Y10.4
5	CONNECT TO 0V FOR SINK TYPE	RED	+24
13	GAP#1 OUTPUT LOGIC SIGNAL	BLACK	X4.3A
6	CRASH#1 OUTPUT LOGIC SIGNAL	ORANGE	X58.0
14	GAP#2 OUTPUT LOGIC SIGNAL(SPARE)		
7	CRASH#2 OUTPUT LOGIC SIGNAL(SPARE)		
15	ALARM/BUSY OUTPUT LOGIC SIGNAL	GREY	X59.6
8	NOT CONNECTED		



d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine: <input type="checkbox"/> D Gridding	Drawing No.: 60
c	Checked	16	10	14	SHUN					
b	Designed	16	10	14	SHUN					
a	Drawn	16	10	14	SHUN					
							MODEL	<b>OD-CNC</b>	Title: <input type="checkbox"/> D CRASH & GAP	

MAPROSS E20N(OPTION)  
問隙(GAP)



d	Approved	16	10	14	SHUN
c	Checked	16	10	14	SHUN
b	Designed	16	10	14	SHUN
a	Drawn	16	10	14	SHUN

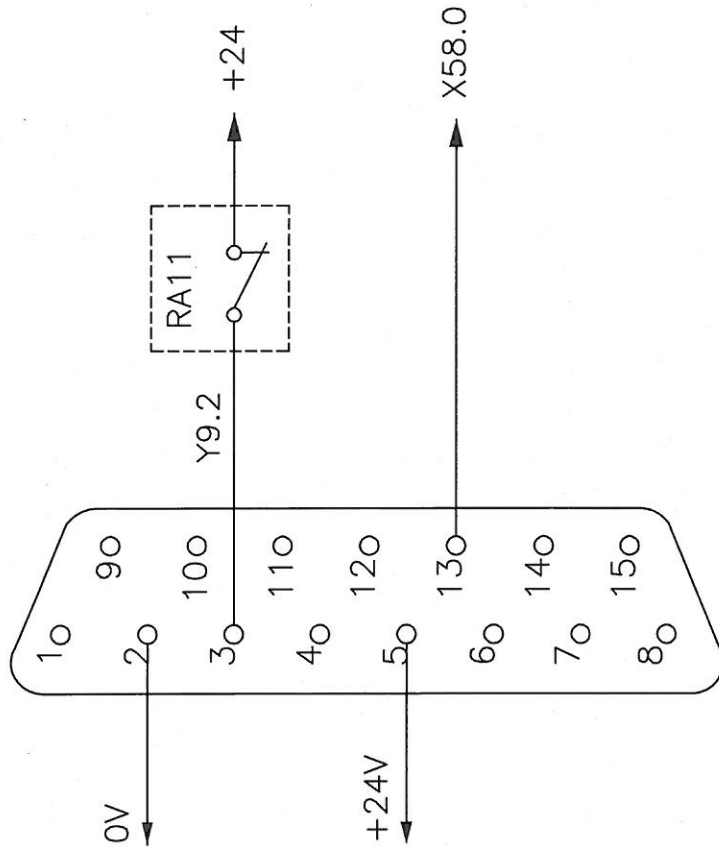
**SHARP**

NC Type	0i-TF
MODEL	<b>OD-CNC</b>

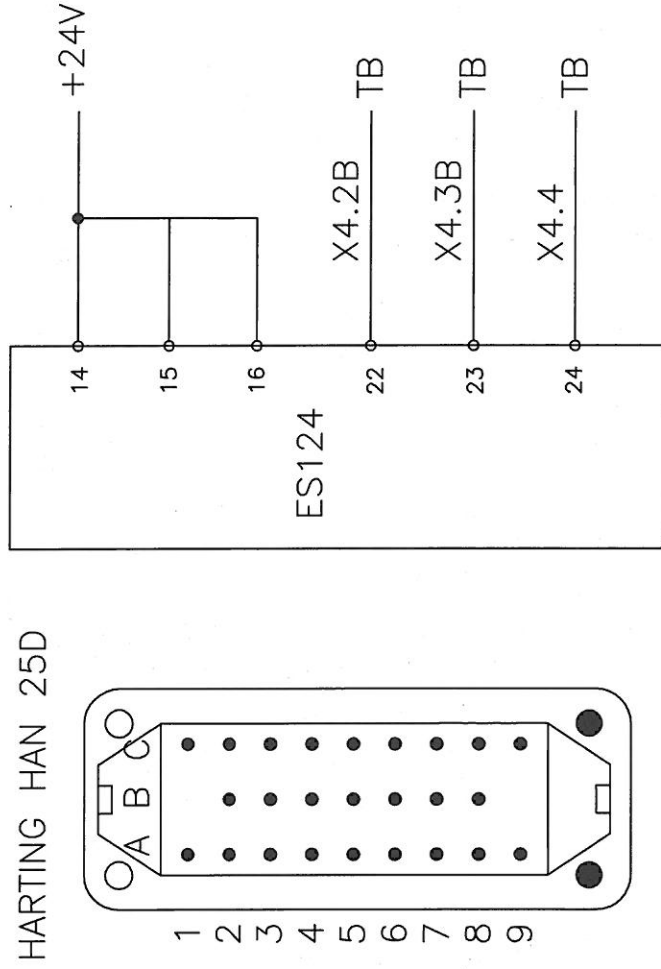
Machine:  
DD Gridding  
Title: GAP

Drawing No.: 61

MAPROSS E2ON(OPTION)  
CRASH(防撞)



MOVOMATIC(OPTION)  
ES124(外徑)



**SHARP**

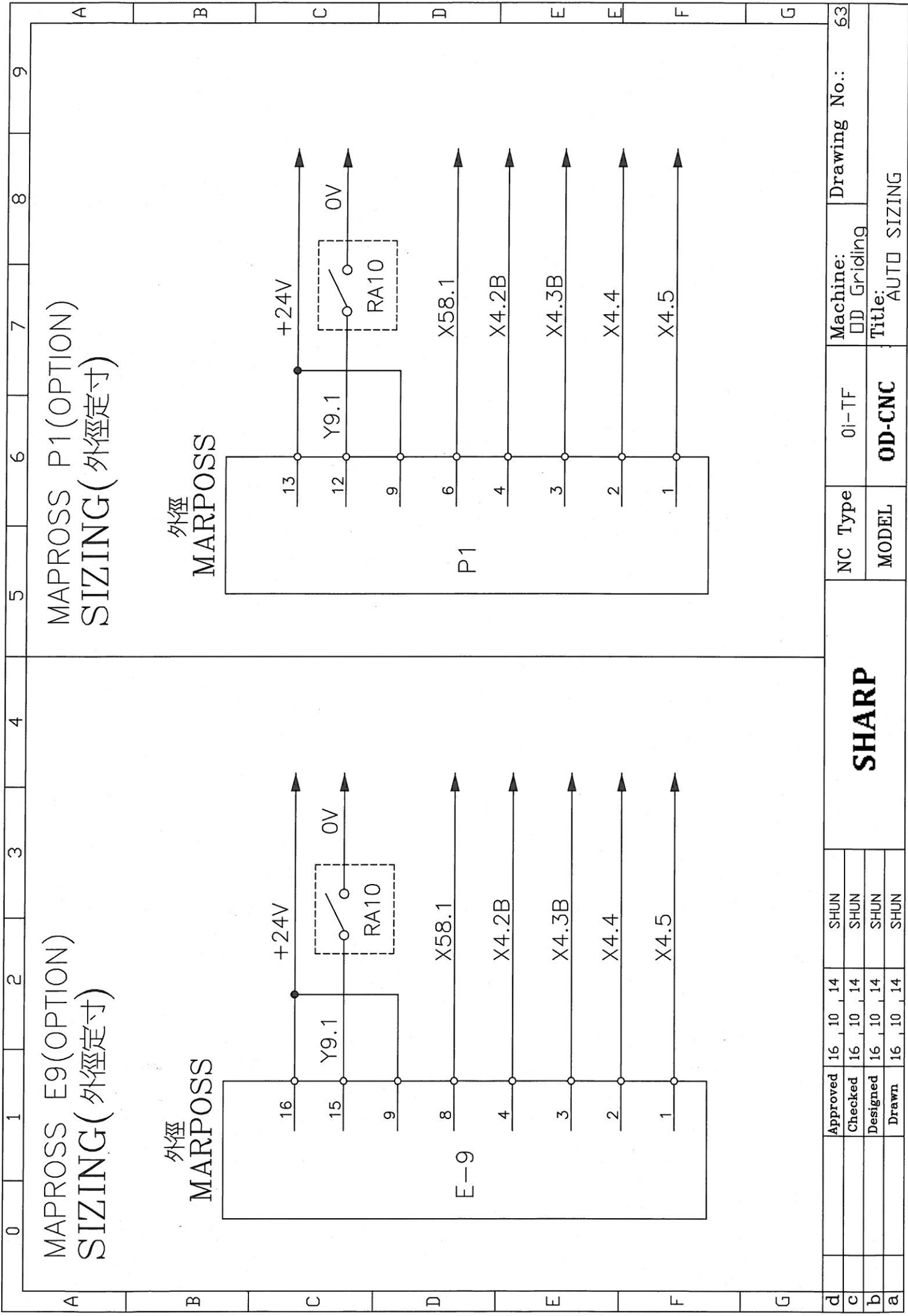
Approved	16	10	14	SHUN
Checked	16	10	14	SHUN
Designed	16	10	14	SHUN
Drawn	16	10	14	SHUN

NC Type	0i-TF
MODEL	<b>OD-CNC</b>

Machine:  
DD Gridding

Drawing No.: 62

Title: CRASH & AUTO SIZING



MAPROSS P1(OPTION)  
SIZING(外徑定寸)

MAPROSS E9(OPTION)  
SIZING(外徑定寸)

外徑  
MARPOSS

外徑  
MARPOSS

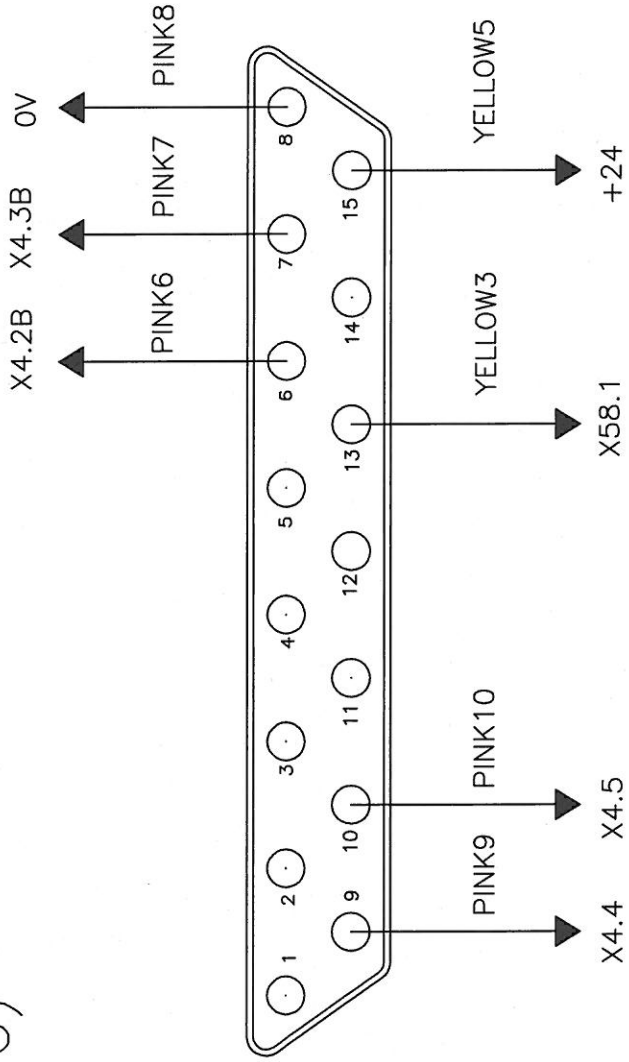
P1

E-9

d	Approved	16	10	14	SHUN	<b>SHARP</b>	<b>OD-CNC</b>	01-TF	Machine: □□ Griding	Drawing No.: 63		
c	Checked	16	10	14	SHUN							
b	Designed	16	10	14	SHUN							
a	Drawn	16	10	14	SHUN							
							MODEL	Title: AUTO SIZING				

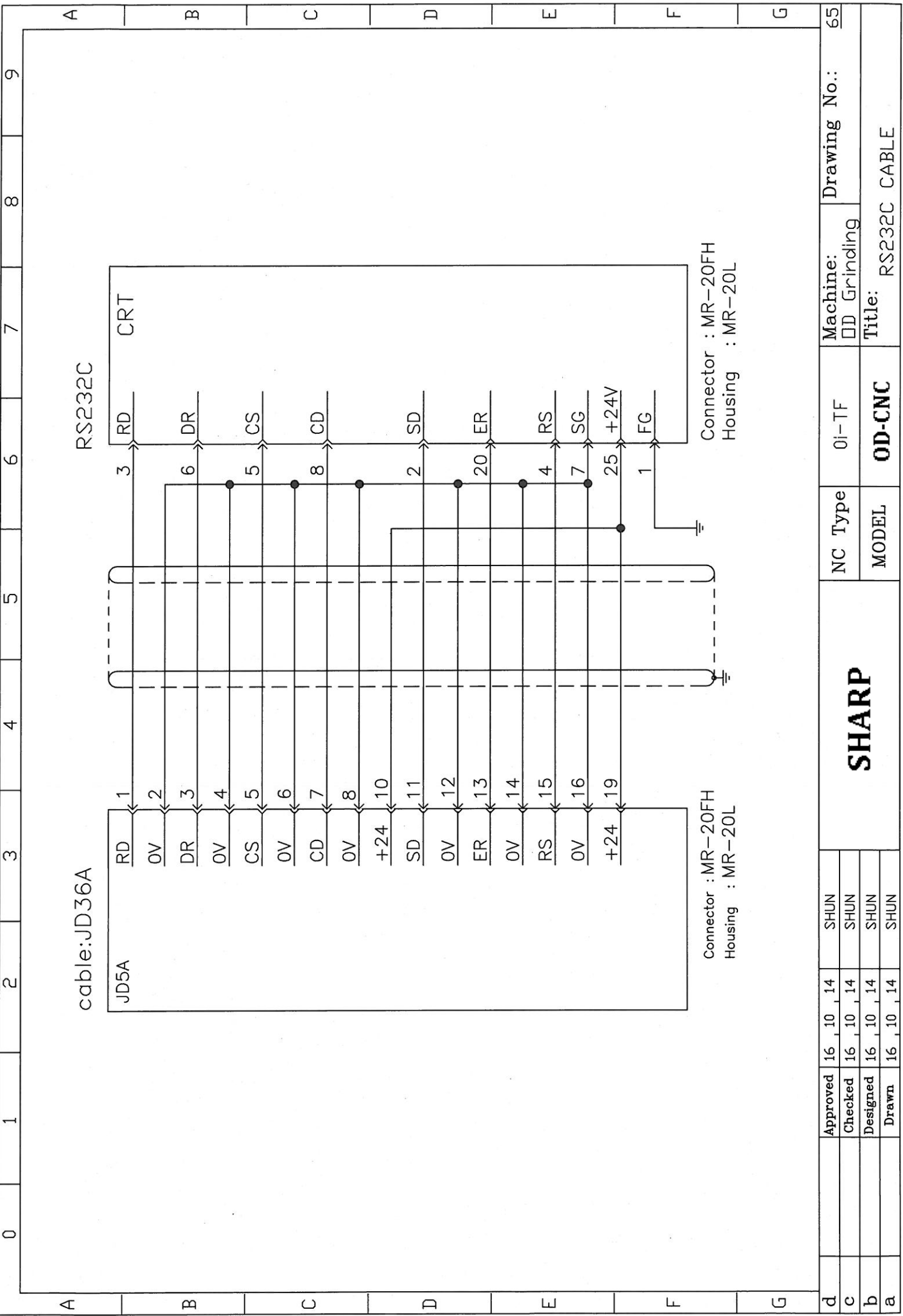


PULCOM-V2  
(AUTO SIZING)



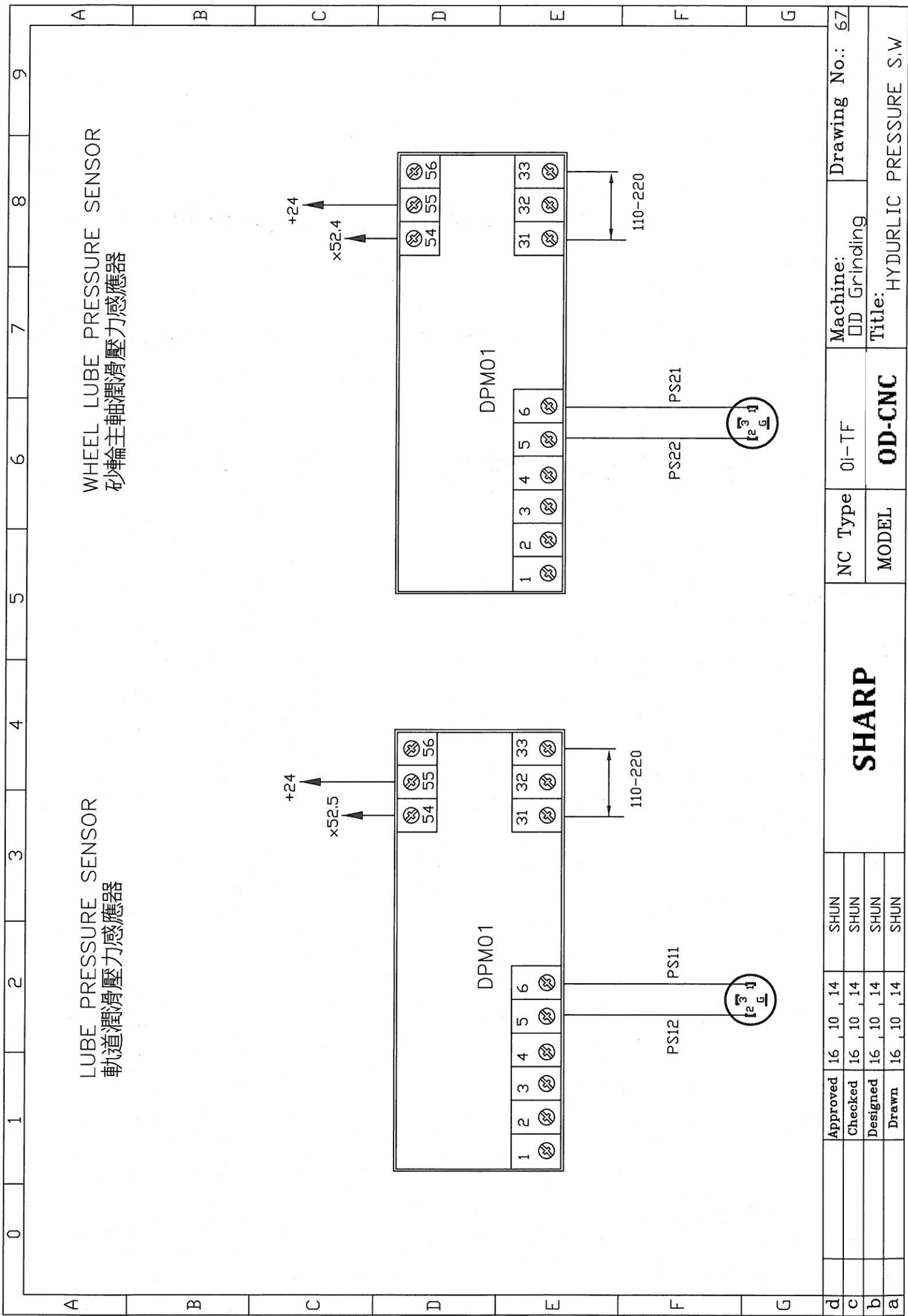
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G
--	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	01-TF	Machine:	DD Grinding	Drawing No.:	64
c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title:		AUTO SIZING	
b	Designed	16	10	14	SHUN							
a	Drawn	16	10	14	SHUN							



d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine:	DD Grinding	Drawing No.:	65
c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title:		RS232C CABLE	
b	Designed	16	10	14	SHUN							
a	Drawn	16	10	14	SHUN							





LUBE PRESSURE SENSOR  
軌道潤滑壓力感應器

WHEEL LUBE PRESSURE SENSOR  
砂輪主軸潤滑壓力感應器

+24  
x52.5

+24  
x52.4

DPM01

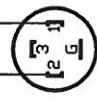
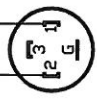
DPM01

110-220

110-220

PS12 PS11

PS22 PS21

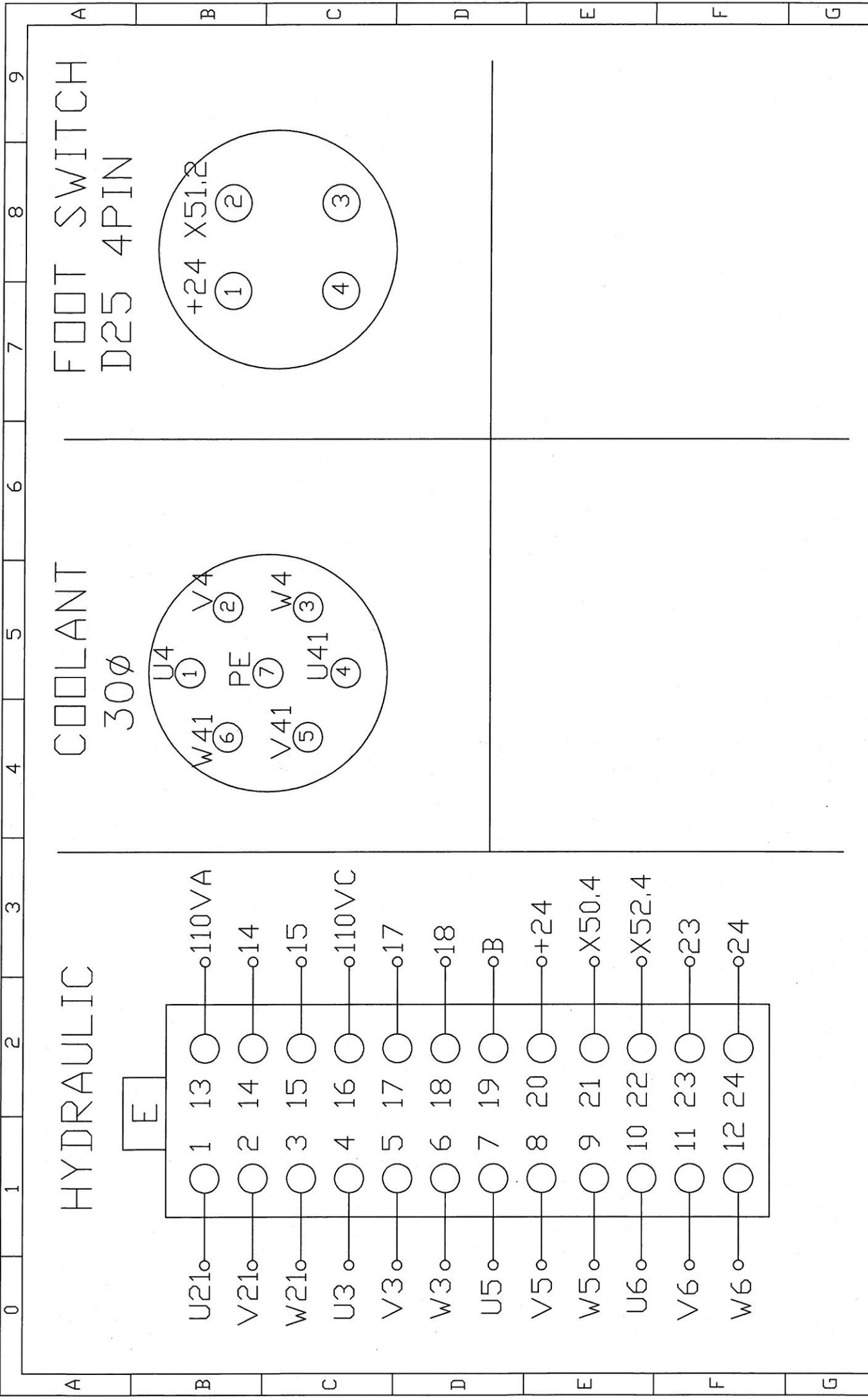


d	Approved	16	10	14	SHUN
c	Checked	16	10	14	SHUN
b	Designed	16	10	14	SHUN
a	Drawn	16	10	14	SHUN

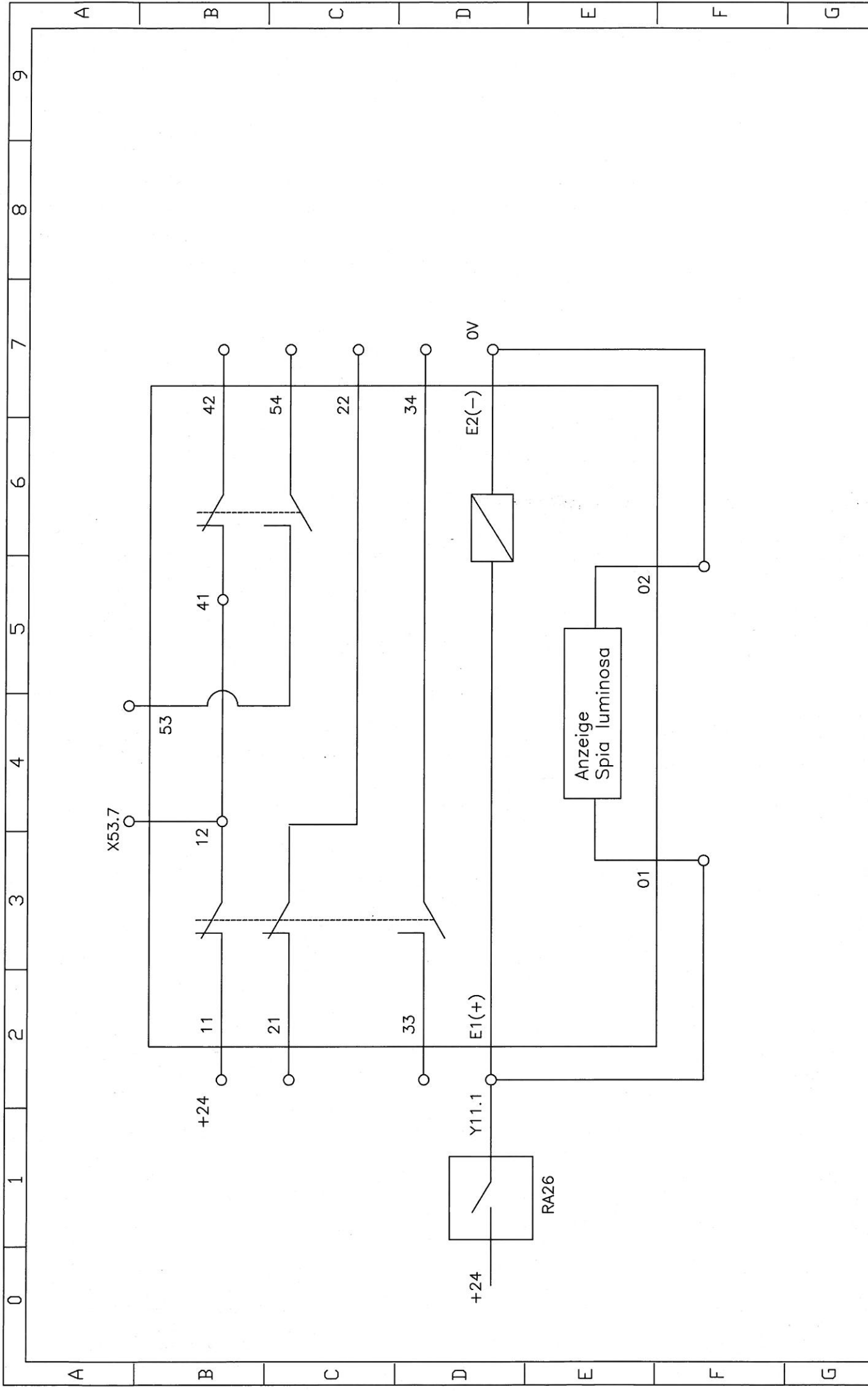
**SHARP**

NC Type	0i-TF
MODEL	<b>OD-CNC</b>

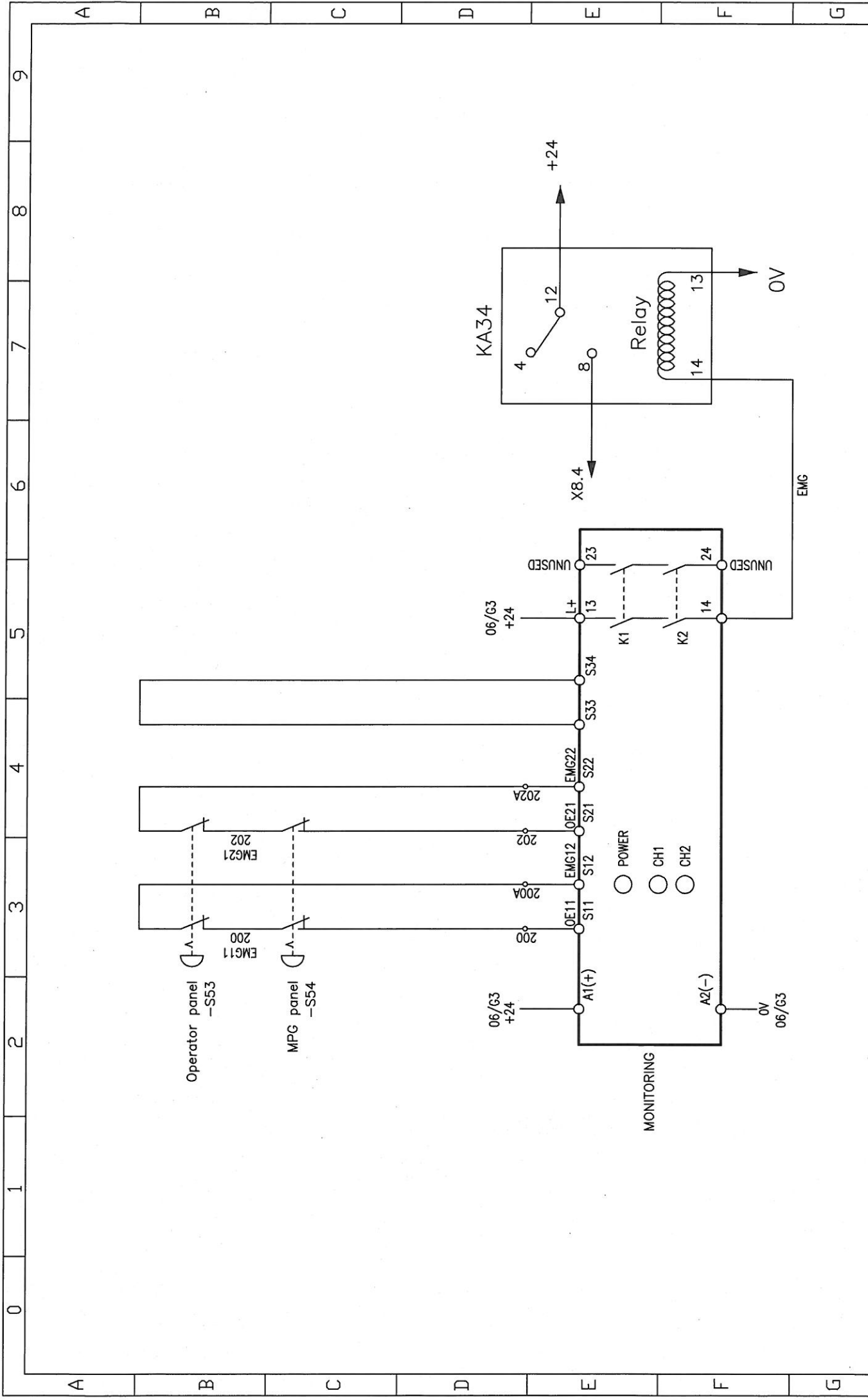
Machine:	□□ Grinding
Title:	HYDURLIC PRESSURE S.W
Drawing No.:	67



d	Approved	16, 10, 14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine: OD Grinding	Drawing No: 68	
c	Checked	16, 10, 14	SHUN		MODEL:	<b>OD-CNC</b>	Title: HYDRAULIC AND COOLANT PUMP SOCKET CONNECTION		
b	Designed	16, 10, 14	SHUN						
a	Drawn	16, 10, 14	SHUN						



d	Approved	16	10	14	SHUN	<b>SHARP</b>	<b>OD-CNC</b>	NC Type	0i-TF	Machine:	DD Grinding	Drawing No.:	69
c	Checked	16	10	14	SHUN								
b	Designed	16	10	14	SHUN								
a	Drawn	16	10	14	SHUN								
											Title: DOOR INTERLOCK		



d	Approved	16	10	14	SHUN	<b>SHARP</b>	<b>OD-CNC</b>	MODEL	0i-TF	Machine: □□ Grinding	Title: EMG	Drawing No.: 70
c	Checked	16	10	14	SHUN							
b	Designed	16	10	14	SHUN							
a	Drawn	16	10	14	SHUN							

0 1 2 3 4 5 6 7 8 9

A B C D E F G

SUG 520\*200\*2mm

**MODE SELECT**

**RAPID TRAVERSE**

**FEEDRATE OVERRIDE**

**SPINDLE OVERRIDE**

**COOLANT SELECT**

**MODE SELECT**

**PROGRAM**

**EMERGENCY STOP**

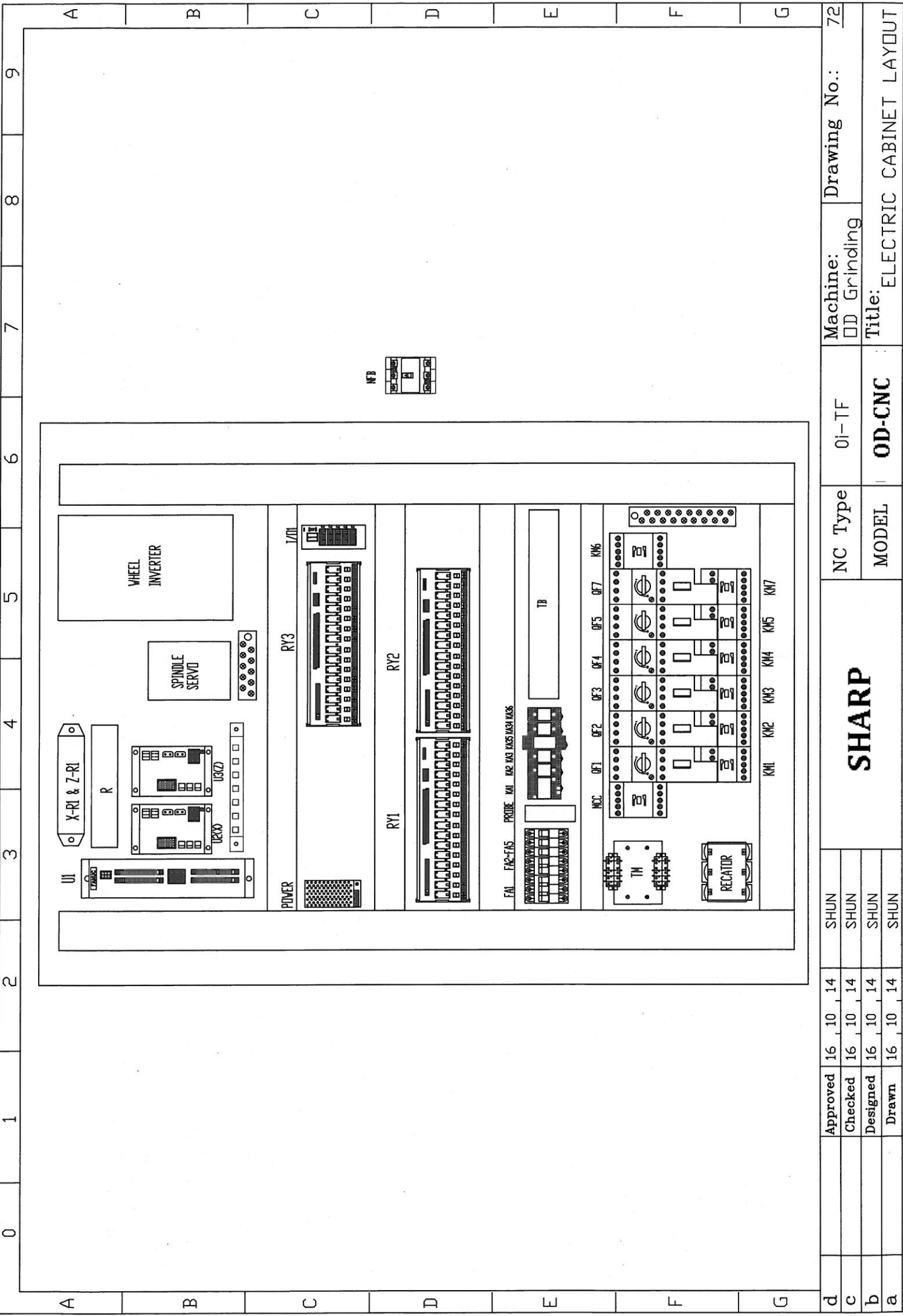
**AXIS DIRECTION**

**SPINDLE**

**FUNCTION**

d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine:	DD Grinding	Drawing No.:	71
c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title:	OPERATION BOARD I/O		
b	Designed	16	10	14	SHUN							
a	Drawn	16	10	14	SHUN							

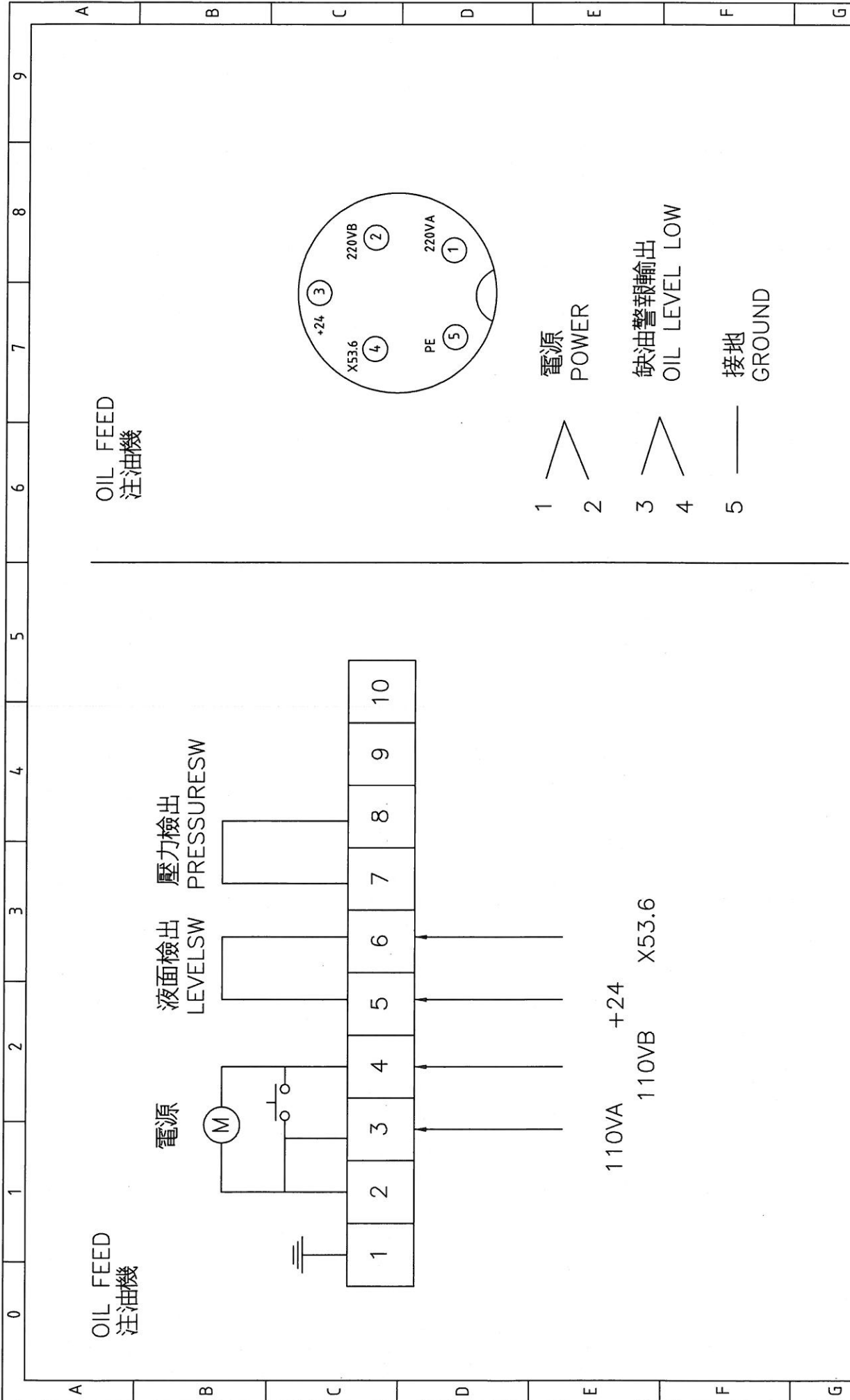




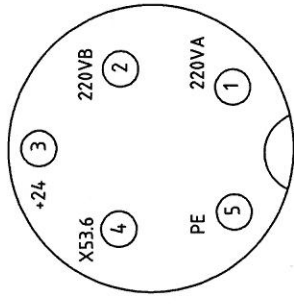
NT3

10-10-10	10-10-10
10-10-10	10-10-10

d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine:	OD Grinding	Drawing No.:	72	
c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title:	ELECTRIC CABINET LAYOUT			
b	Designed	16	10	14	SHUN								
a	Drawn	16	10	14	SHUN								



OIL FEED  
注油機



- 1 電源 POWER
- 2
- 3 缺油警報輸出 OIL LEVEL LOW
- 4
- 5 接地 GROUND

OIL FEED  
注油機

電源  
液面檢出 LEVELSW  
壓力檢出 PRESSURESW

110VA +24  
110VB X53.6

d	Approved	16	10	14	SHUN	<b>SHARP</b>	NC Type	0i-TF	Machine:	OD Grinding	Drawing No.:	73
c	Checked	16	10	14	SHUN		MODEL	<b>OD-CNC</b>	Title:	LUBRICATION OIL FEED		
b	Designed	16	10	14	SHUN							
a	Drawn	16	10	14	SHUN							