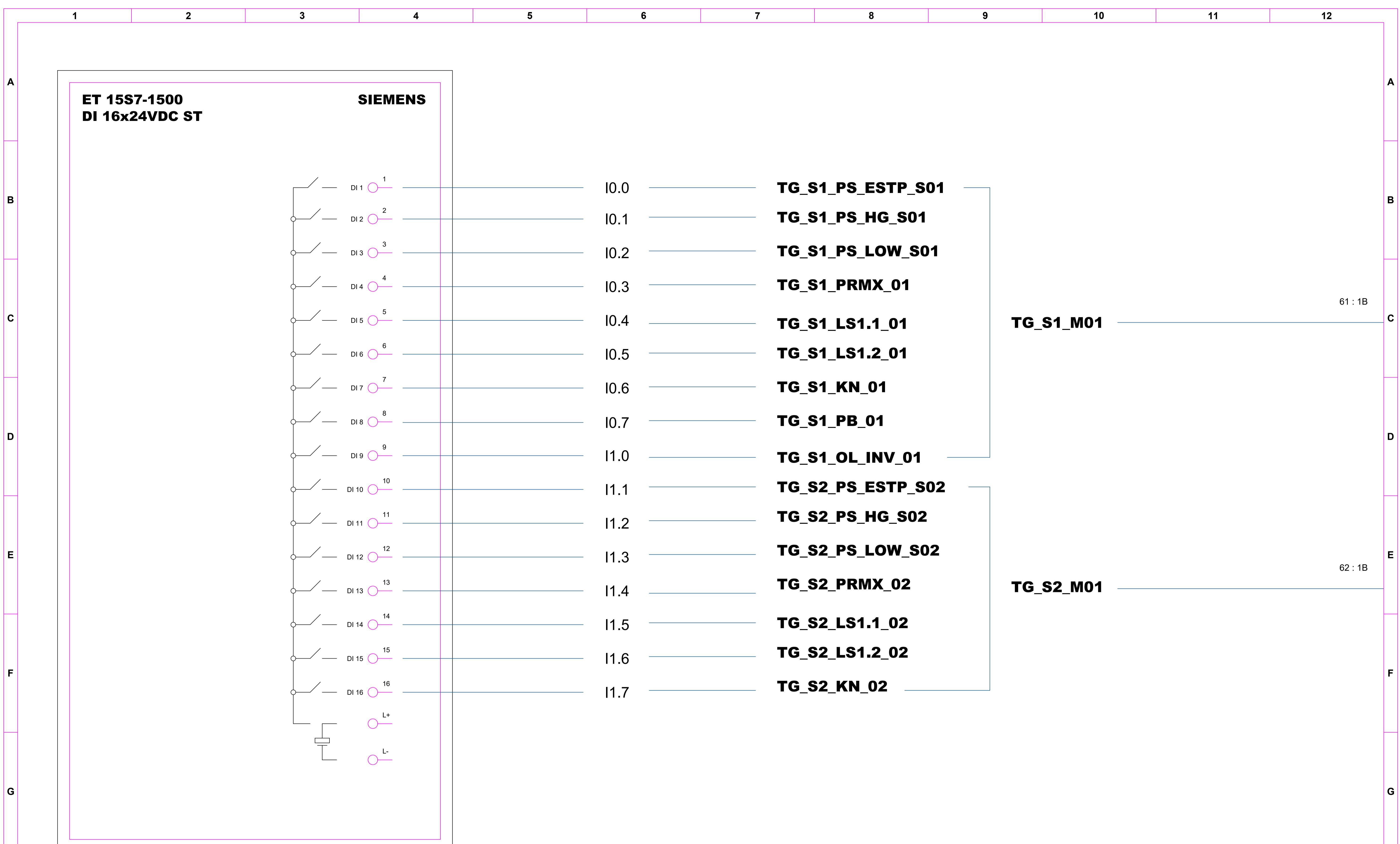
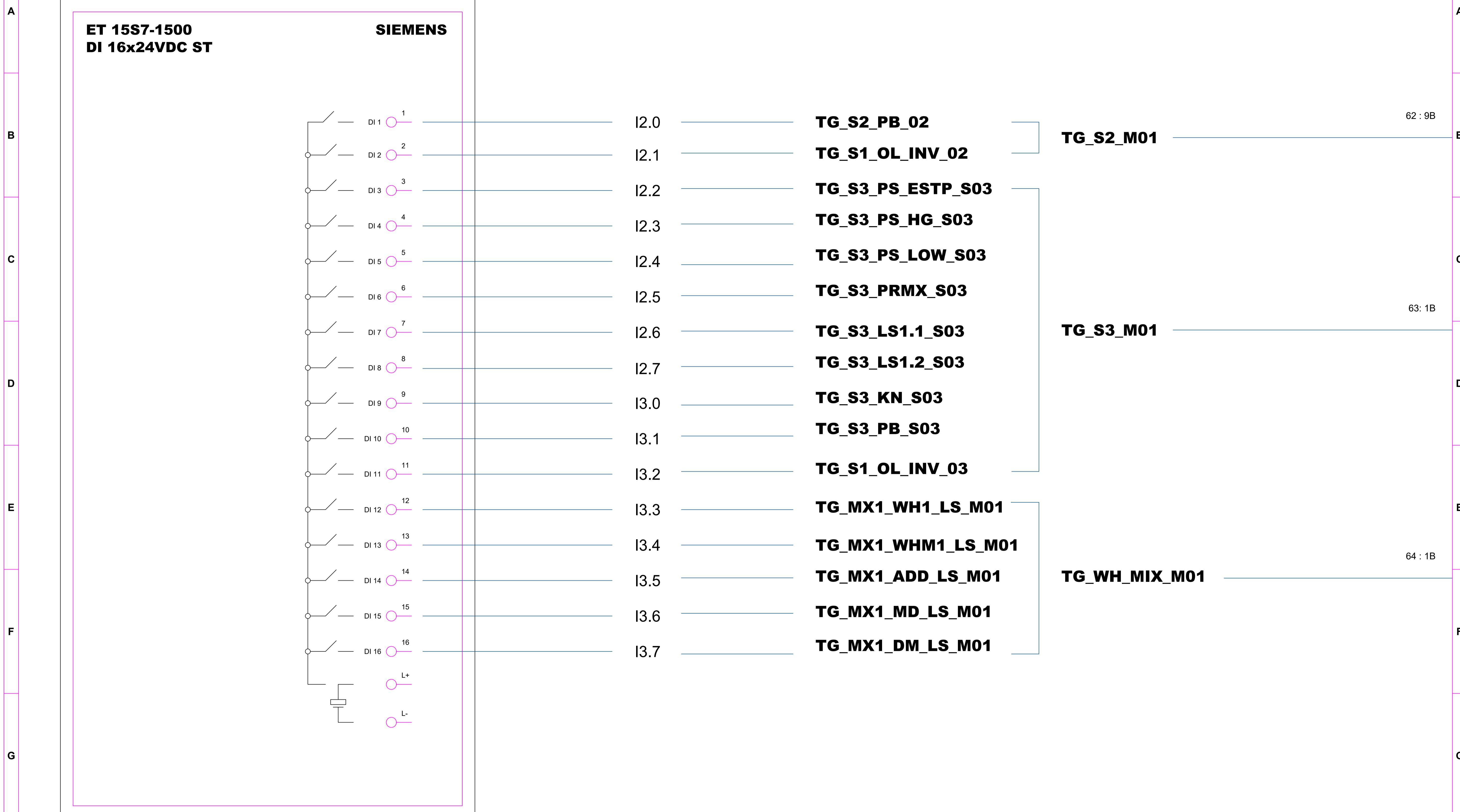


1 2 3 4 5 6 7 8 9 10 11 12



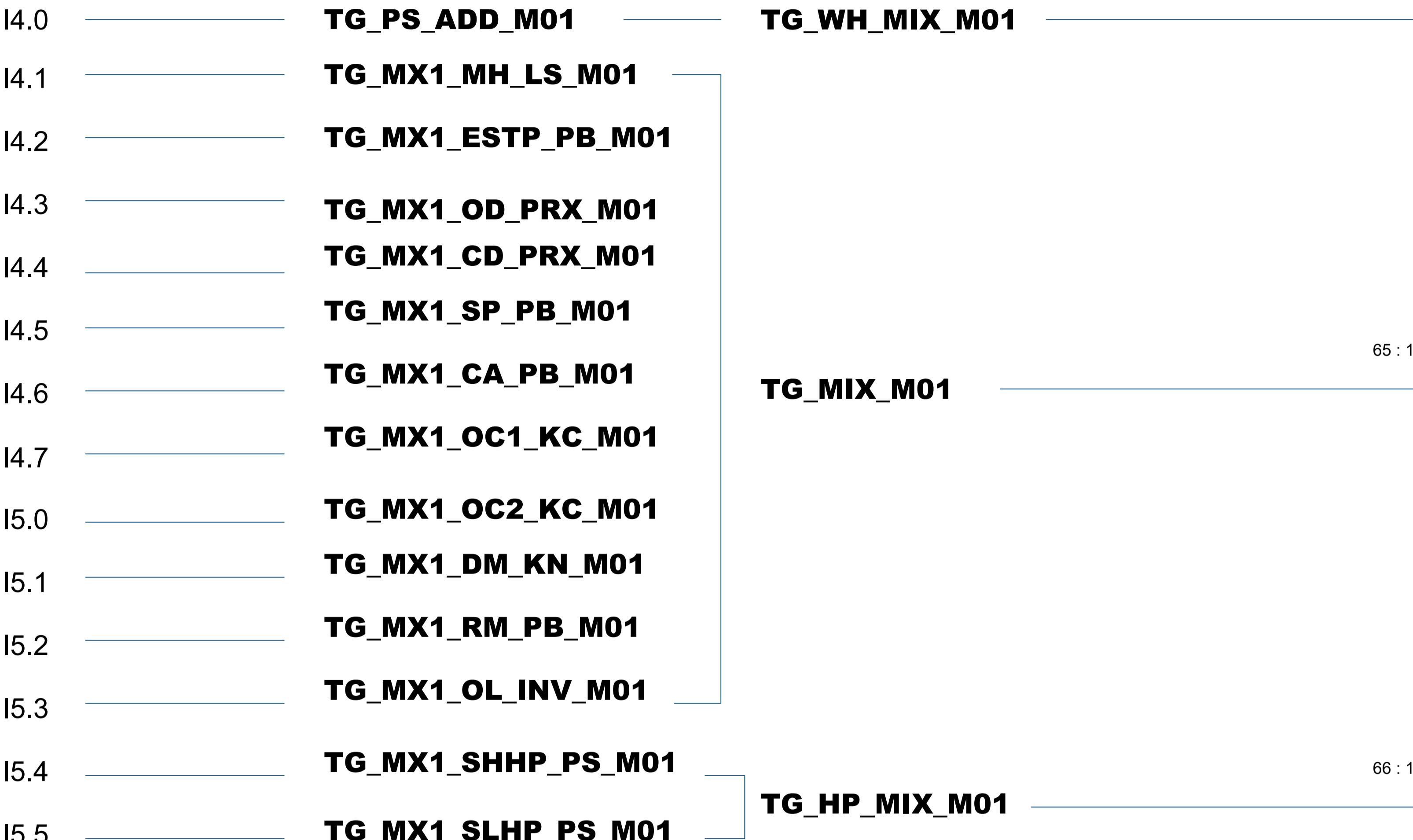
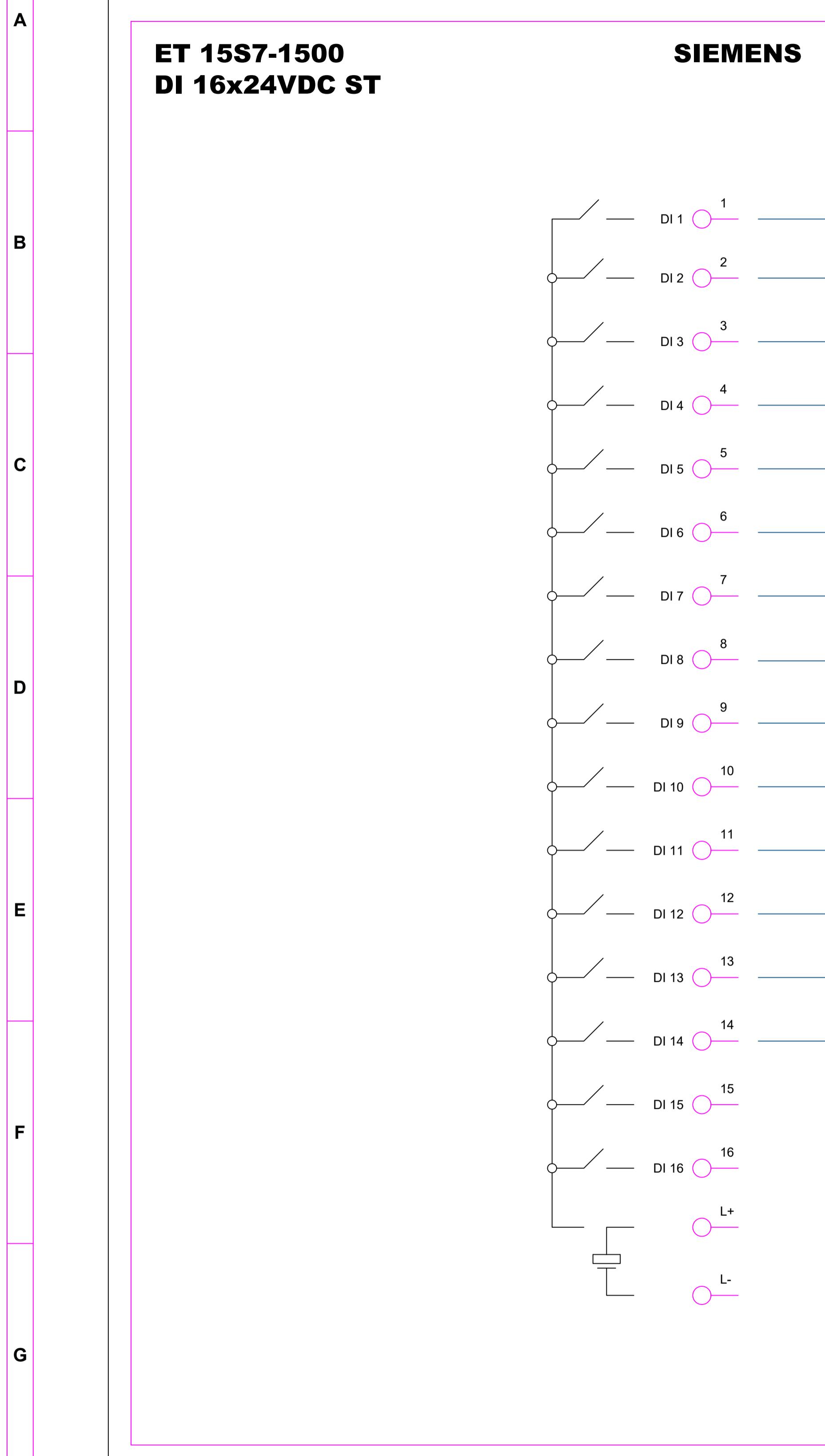
Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA		Title	WAMGROUP®	Project						
4	21-05-2025		Drawn	RAFLI											
			Appr.												
			Norm		Wiring Control Panel		Digital Input 1		Address Tile Grouting						
					2	3	4	5	6	7	8	9	10	11	12

1 2 3 4 5 6 7 8 9 10 11 12

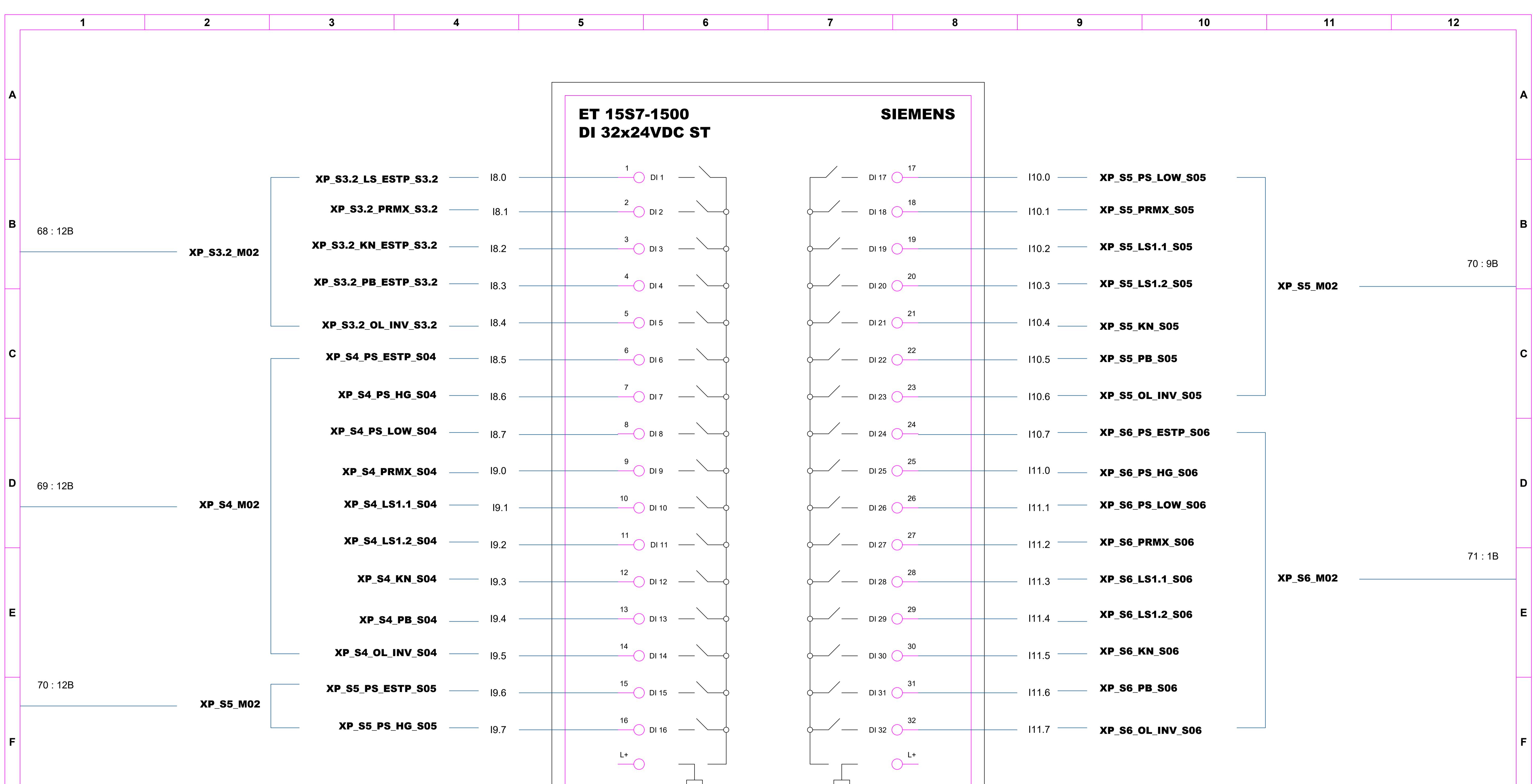


H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA		Title	WAMGROUP	Project						
	4	21-05-2025			Drawn	RAFLI										
					Appr.											
				Norm		Wiring Control Panel										
						2	3	4	5	6	7	8	9	10	11	12

1 2 3 4 5 6 7 8 9 10 11 12



H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	WAMGROUP	Title <b>Digital Input 3</b>	Project Address Tile Grouting							
	4	21-05-2025			Drawn RAFLI											
					Appr.											
				Norm		Wiring Control Panel										
						2	3	4	5	6	7	8	9	10	11	12



H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA MU mortar utama SAINT-GOBAIN	Title WAMGROUP® Digital Input 1 Pro-X Batching Sheet No.46 121 Sheet	Project		H	
4	21-05-2025			Drawn	RAFLI			+			
				Appr.				Sheet No.46			
				Norm				121 Sheet			
						Wiring Control Panel					
						2	3	4	5	6	7
						8	9	10	11	12	

1 2 3 4 5 6 7 8 9 10 11 12

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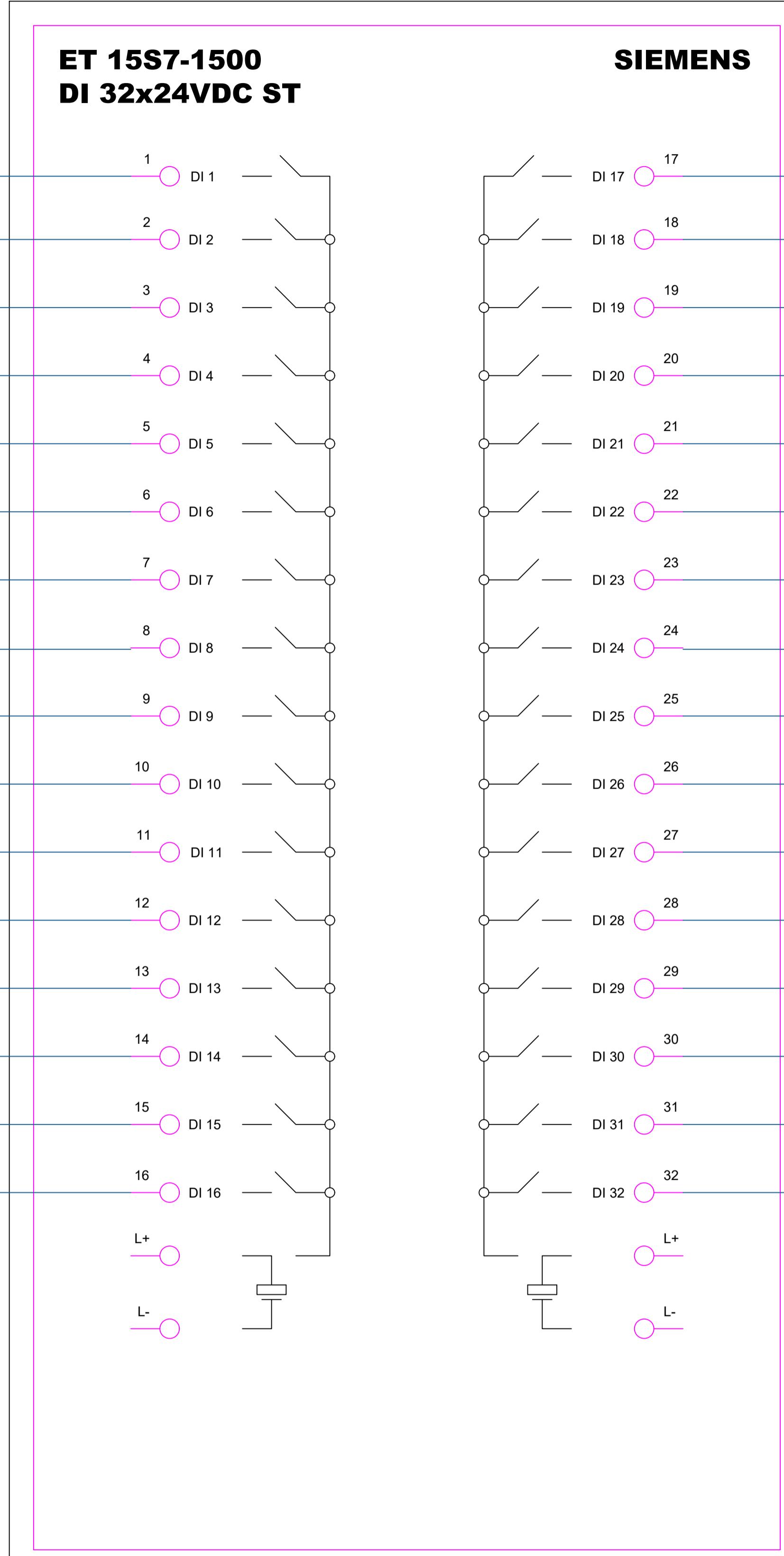
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**XP\_JB01\_M02****XP\_JB02\_M02****XP\_WH\_MIX\_M02**

Wiring Control Panel



Title

**Digital Input 2**

Project

Pro-X Batching

 +
   
Sheet No.47
   
121 Sheet

Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	SAINT-GOBAIN	Digital Input 2	Project	Pro-X Batching	Sheet No.47	121 Sheet
4	21-05-2025		Drawn	RAFLI							
			Appr.								
			Norm								

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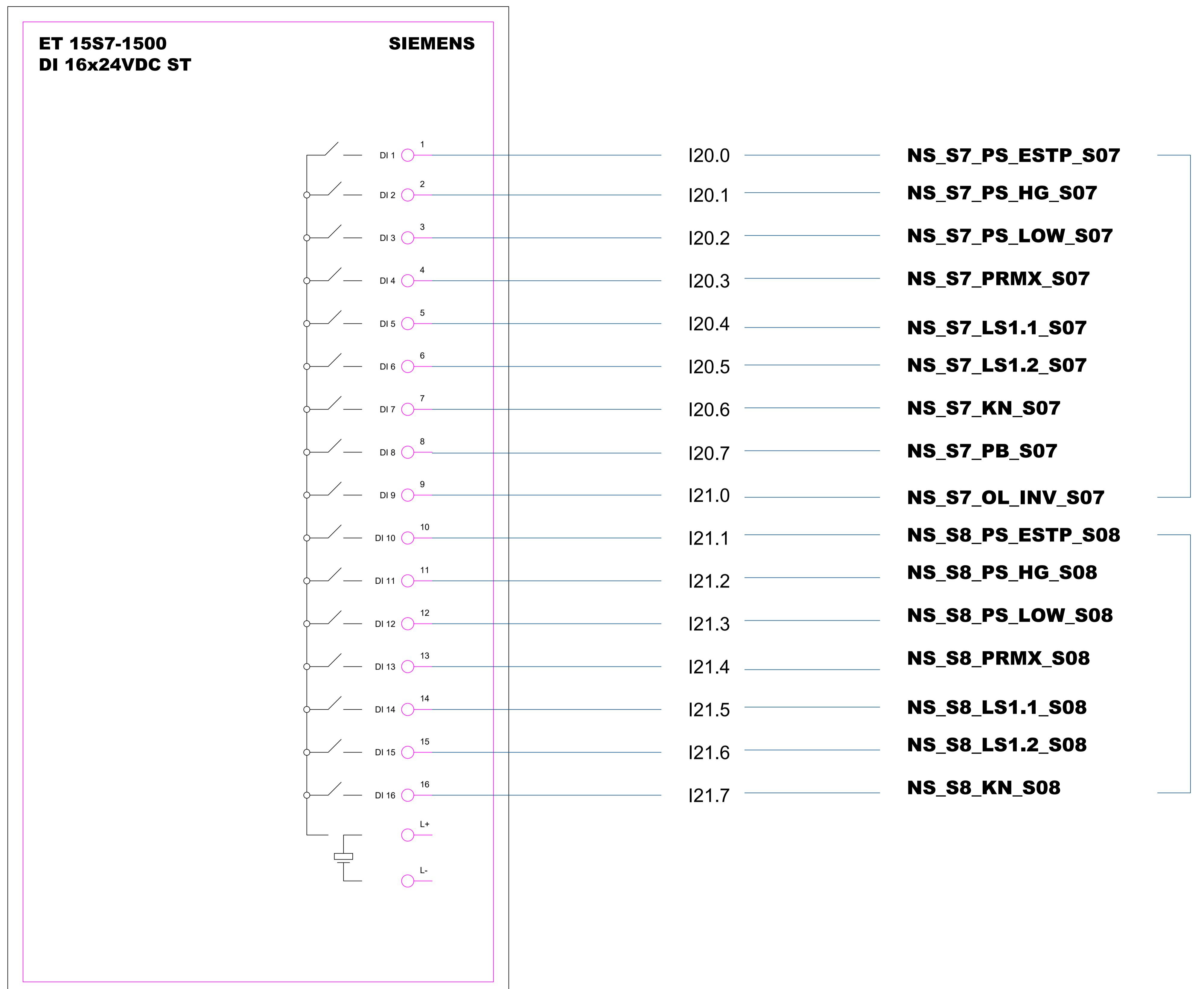
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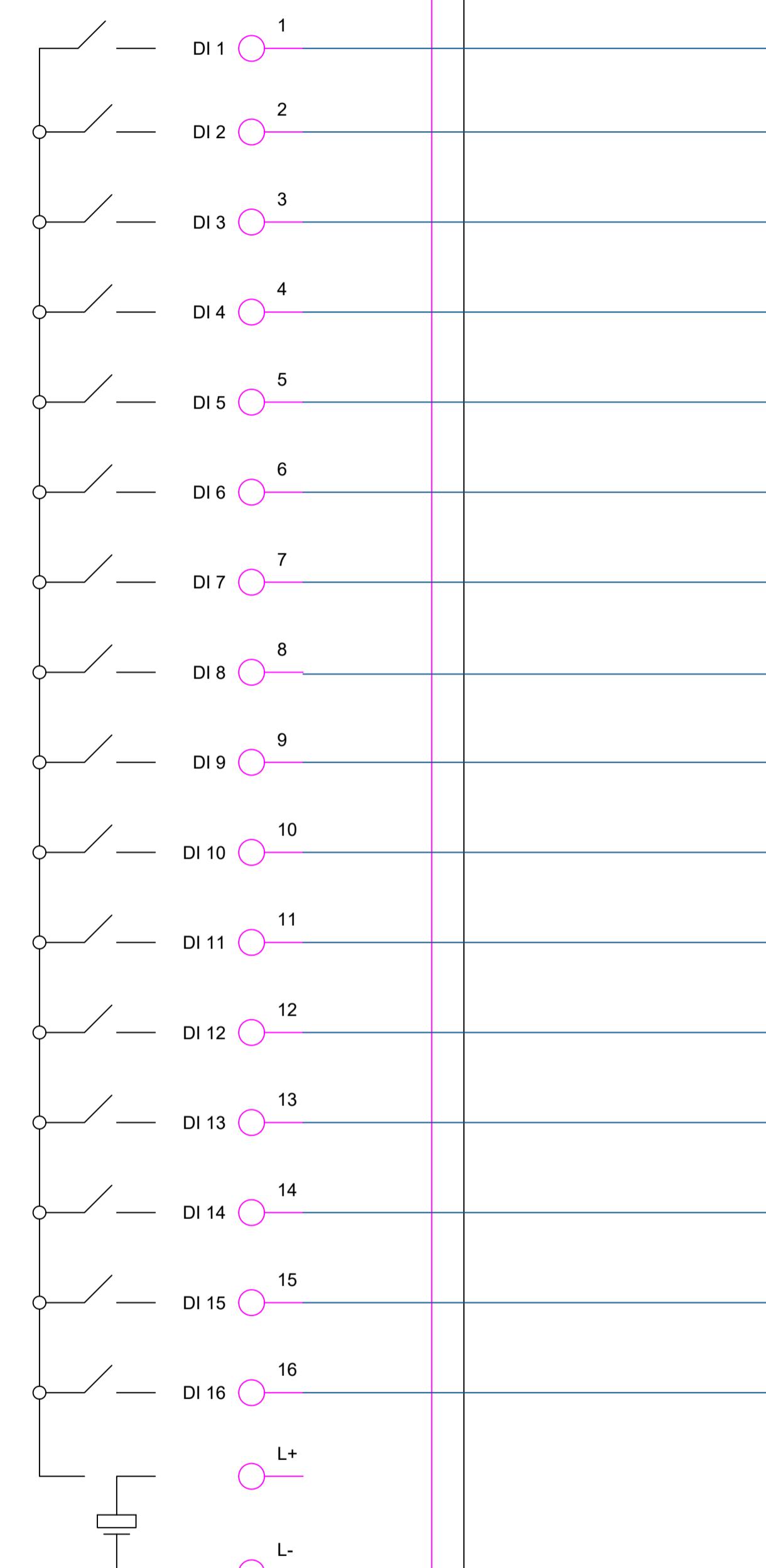


1 2 3 4 5 6 7 8 9 10 11 12

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**ET 15S7-1500  
DI 16x24VDC ST**

**SIEMENS**



- |       |                           |
|-------|---------------------------|
| I22.0 | <b>NS_S8_PB_S08</b>       |
| I22.1 | <b>NS_S7_OL_INV_S08</b>   |
| I22.2 | <b>NS_S9_PS_ESTP_S09</b>  |
| I22.3 | <b>NS_S9_PS_HG_S09</b>    |
| I22.4 | <b>NS_S9_PS_LOW_S09</b>   |
| I22.5 | <b>NS_S9_PRMX_S09</b>     |
| I22.6 | <b>NS_S9_LS1.1_S09</b>    |
| I22.7 | <b>NS_S9_LS1.2_S09</b>    |
| I23.0 | <b>NS_S9_KN_S09</b>       |
| I23.1 | <b>NS_S9_PB_S09</b>       |
| I23.2 | <b>NS_S7_OL_INV_S09</b>   |
| I23.3 | <b>NS_S10_PS_ESTP_S10</b> |
| I23.4 | <b>NS_S10_PS_HG_S10</b>   |
| I23.5 | <b>NS_S10_PS_LOW_S10</b>  |
| I23.6 | <b>NS_S10_PRMX_S10</b>    |
| I23.7 | <b>NS_S10_LS1.1_S10</b>   |

**NS\_S08\_M03**

79 : 9B

**NS\_S09\_M03**

80 : 1B

**NS\_S10\_M03**

81 : 1B

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H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title <b>Digital Input 2</b>	Project Non Sanded Batching
	4	21-05-2025		Drawn	RAFLI				
				Appr.					
				Norm		Wiring Control Panel			

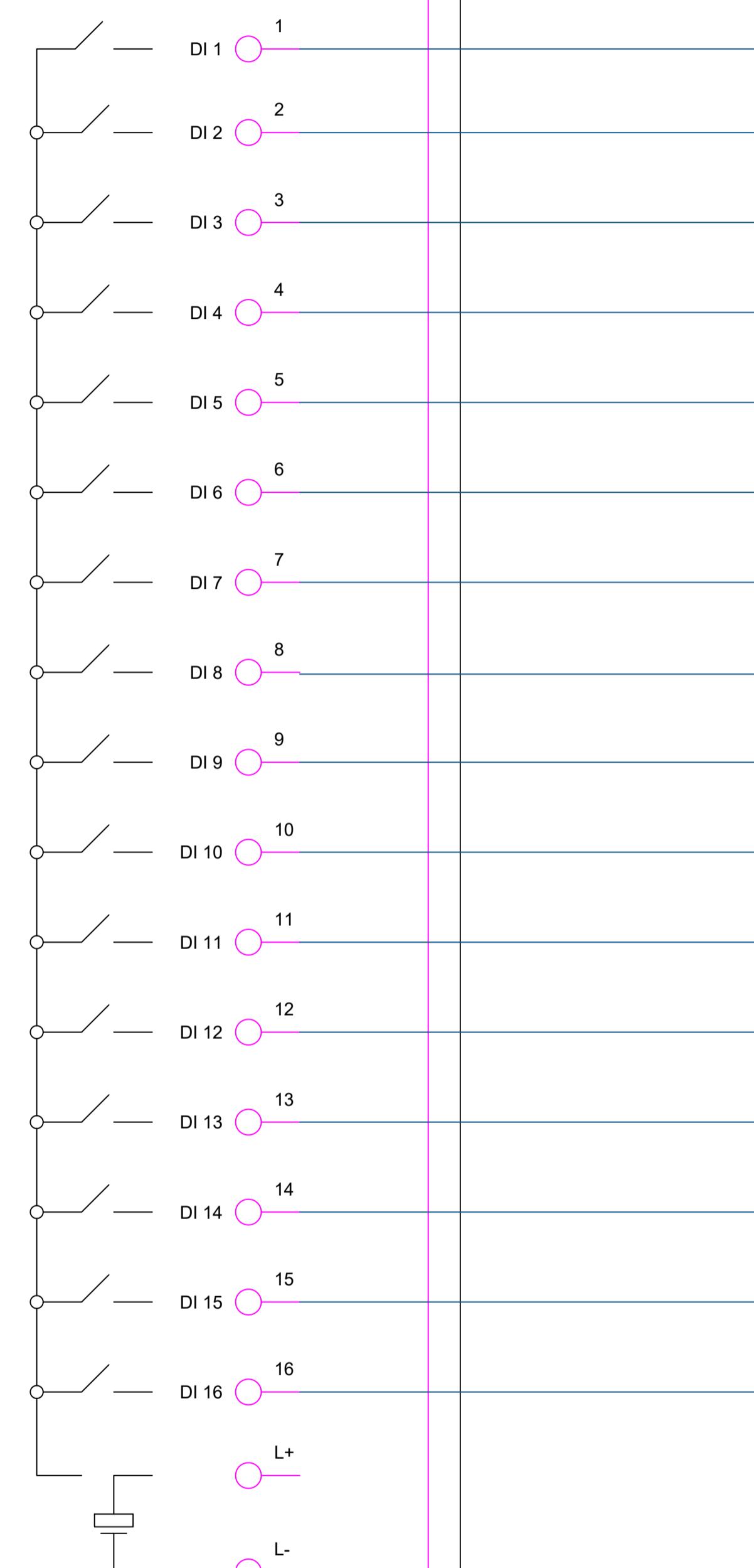
H

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Sheet No.50

121 Sheet

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**ET 15S7-1500  
DI 16x24VDC ST****SIEMENS**

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I24.0 \_\_\_\_\_ **NS\_S10\_LS1.2\_S10**I24.1 \_\_\_\_\_ **NS\_S10\_KN\_S10**I24.2 \_\_\_\_\_ **NS\_S10\_PB\_S10**I24.3 \_\_\_\_\_ **NS\_S7\_OL\_INV\_S10**

C

I24.4 \_\_\_\_\_ **NS\_MX3\_WH3\_LS\_M03**I24.5 \_\_\_\_\_ **NS\_MX3\_WHM3\_LS\_M03**

D

I24.6 \_\_\_\_\_ **NS\_MX3\_ADD\_LS\_M03**I24.7 \_\_\_\_\_ **NS\_MX3\_MD\_LS\_M03**

E

I25.0 \_\_\_\_\_ **NS\_MX3\_DM\_LS\_M03**I25.1 \_\_\_\_\_ **NS\_MX3\_MH\_LS\_M03**I25.2 \_\_\_\_\_ **NS\_MX3\_ESTP\_PB\_M03**

F

I25.3 \_\_\_\_\_ **NS\_MX3\_OD\_PRX\_M03**I25.4 \_\_\_\_\_ **NS\_MX3\_CD\_PRX\_M03**

G

I25.5 \_\_\_\_\_ **NS\_MX3\_SP\_PB\_M03**I25.6 \_\_\_\_\_ **NS\_MX3\_CA\_PB\_M03**I25.7 \_\_\_\_\_ **NS\_MX3\_OC1\_KC\_M03**

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Rev.	Date	Remarks	Date	Drawn	Appr.	P.T. CIPTA MORTAR UTAMA	Title	Project	
4	21-05-2025			RAFLI			Digital Input 3	Non Sanded Batching	+
									Sheet No.51
									121 Sheet

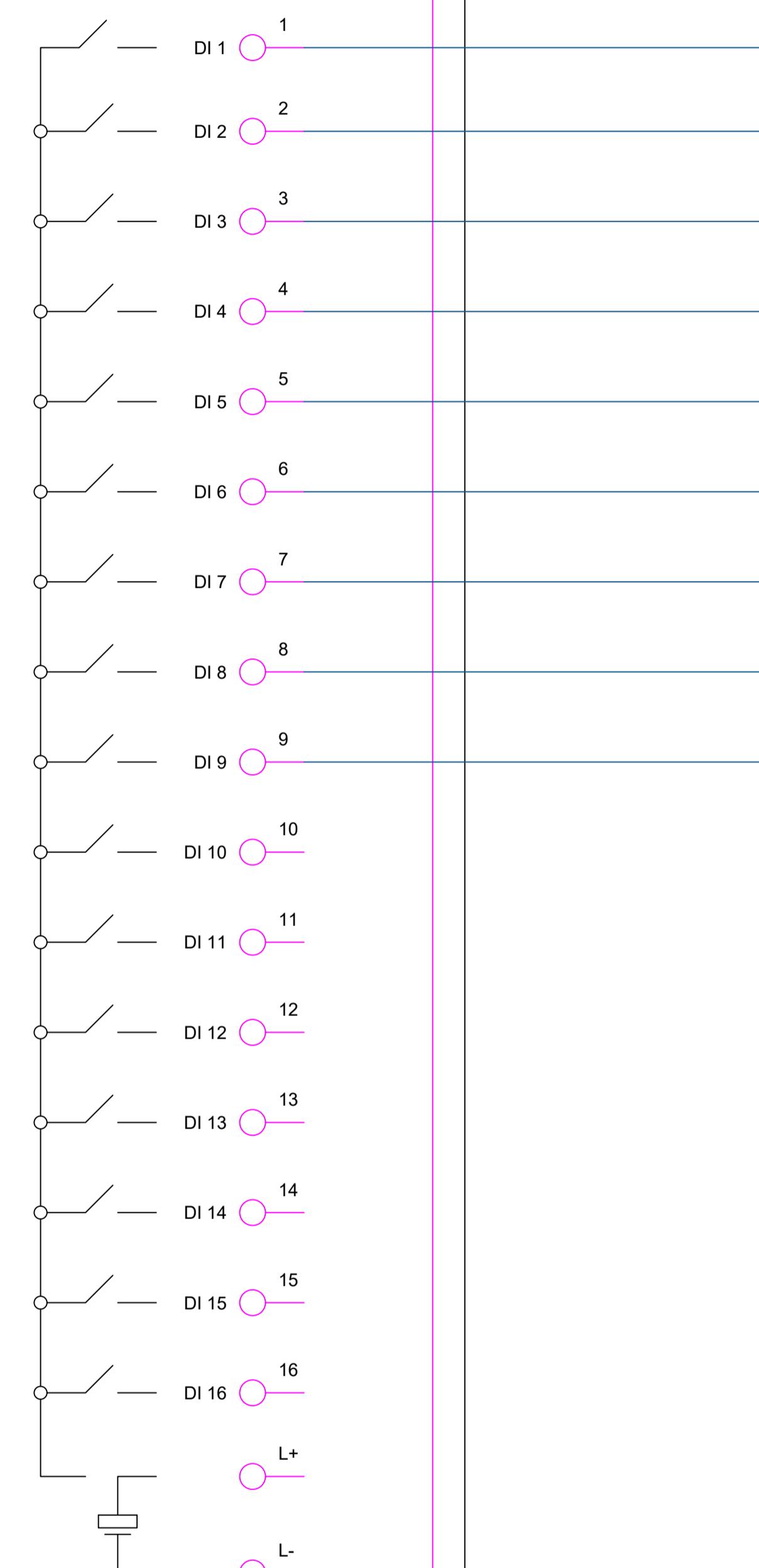


1 2 3 4 5 6 7 8 9 10 11 12

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**ET 15S7-1500  
DI 16x24VDC ST**

**SIEMENS**



DI 1

DI 2

DI 3

DI 4

DI 5

DI 6

DI 7

DI 8

DI 9

DI 10

DI 11

DI 12

DI 13

DI 14

DI 15

DI 16

I26.0

I26.1

I26.2

I26.3

I26.4

I26.5

I26.6

I26.7

I27.0

**NS\_MX3\_OC2\_KC\_M03**

**NS\_MX3\_OC3\_KC\_M03**

**NS\_MX3\_DM\_KN\_M03**

**NS\_MX3\_RM\_PB\_M03**

**NS\_MX3\_OL\_INV\_M03**

**NS\_MX3\_SHHP\_PS\_M03**

**NS\_MX3\_SLHP\_PS\_M03**

**NS\_MX3\_BVUP1.1\_PS\_M03**

**NS\_MX3\_SBVUP1.2\_PS\_M03**

**NS\_MIX\_M03**

**NS\_HP\_MIX\_M03**

83 : 8B

85 : 1B

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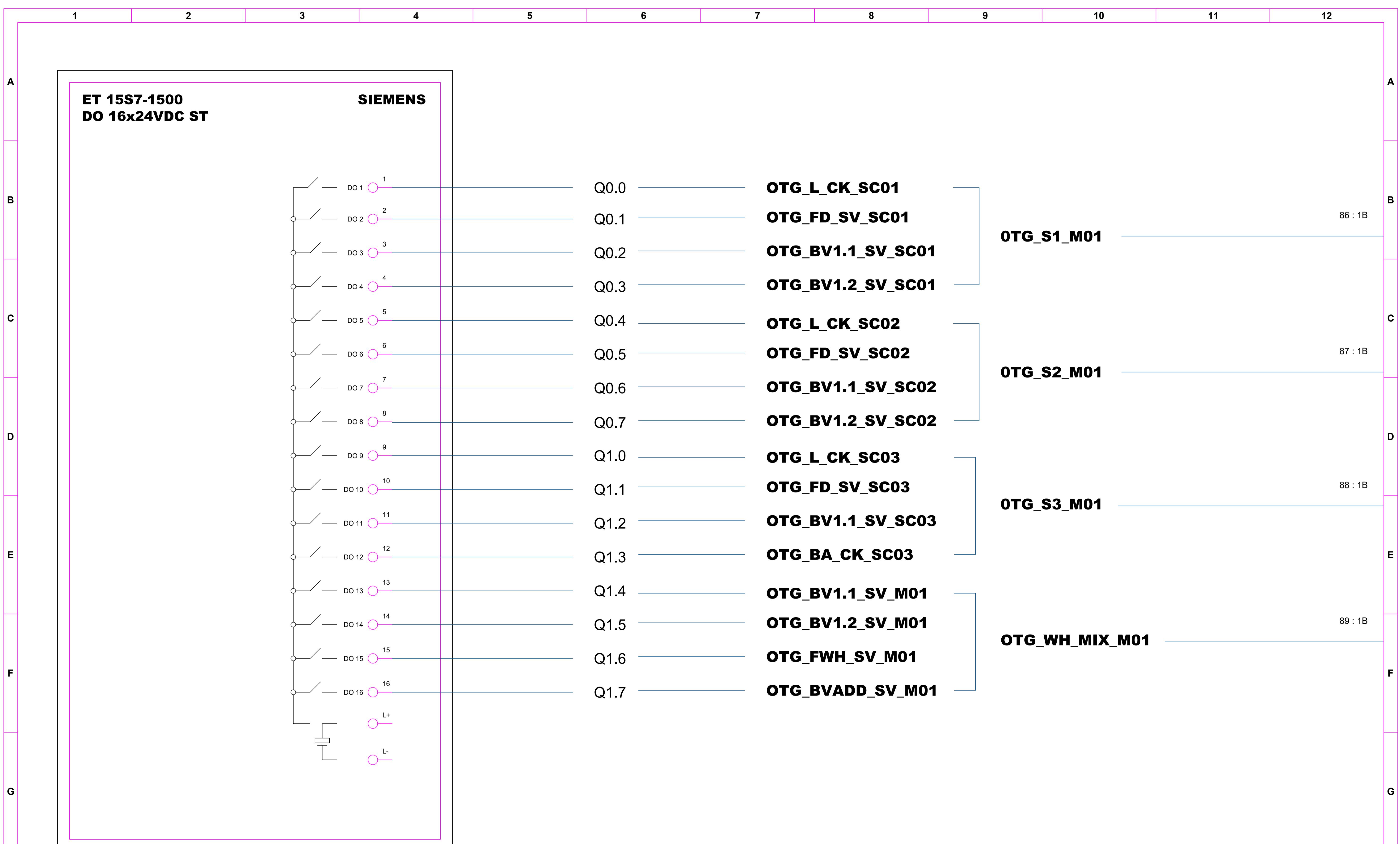
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Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title <b>Digital Input 4</b>	Project Non Sanded Batching			
4	21-05-2025		Drawn	RAFLI							
			Appr.								
			Norm		Wiring Control Panel				+ Sheet No.52 121 Sheet		

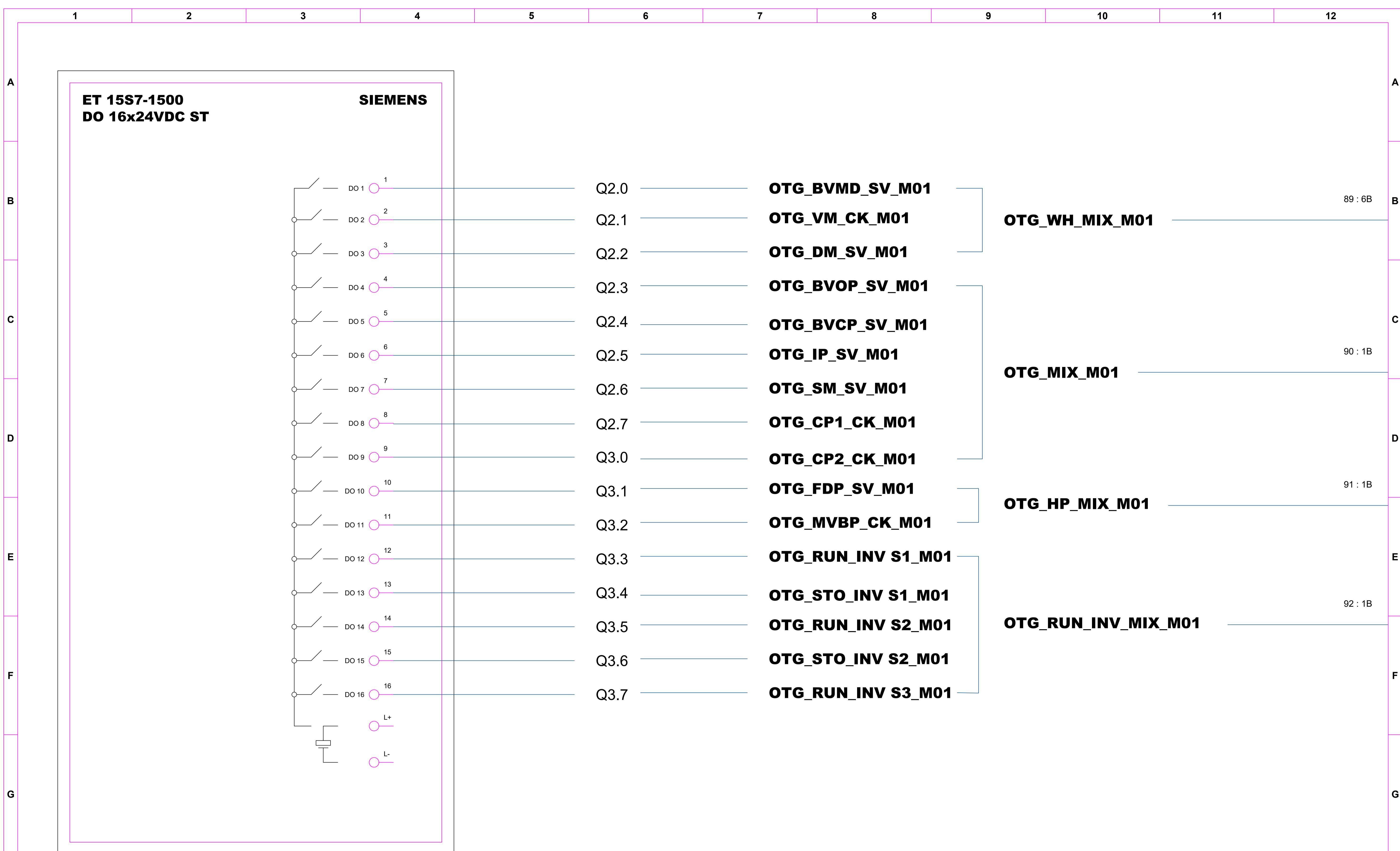
2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

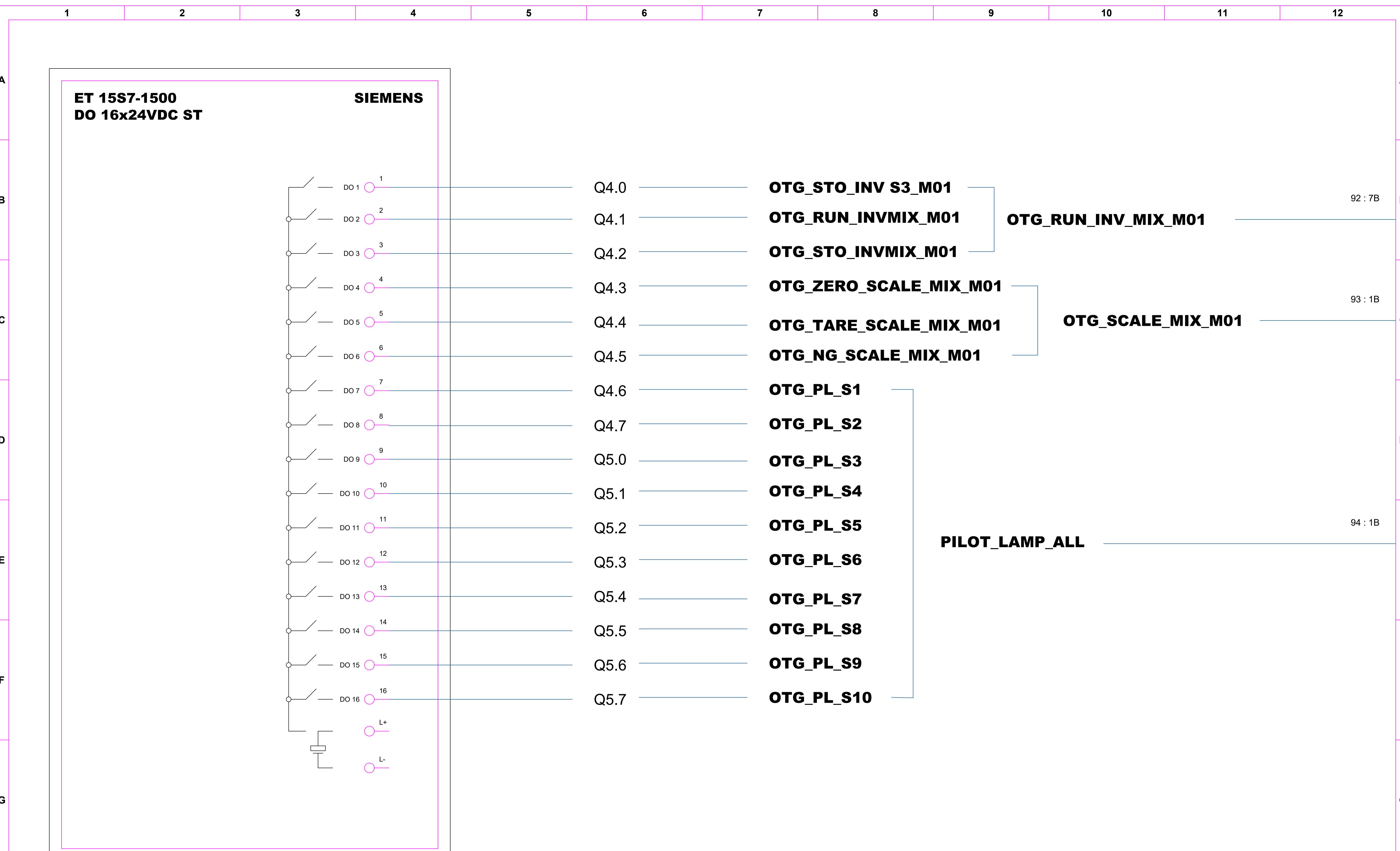


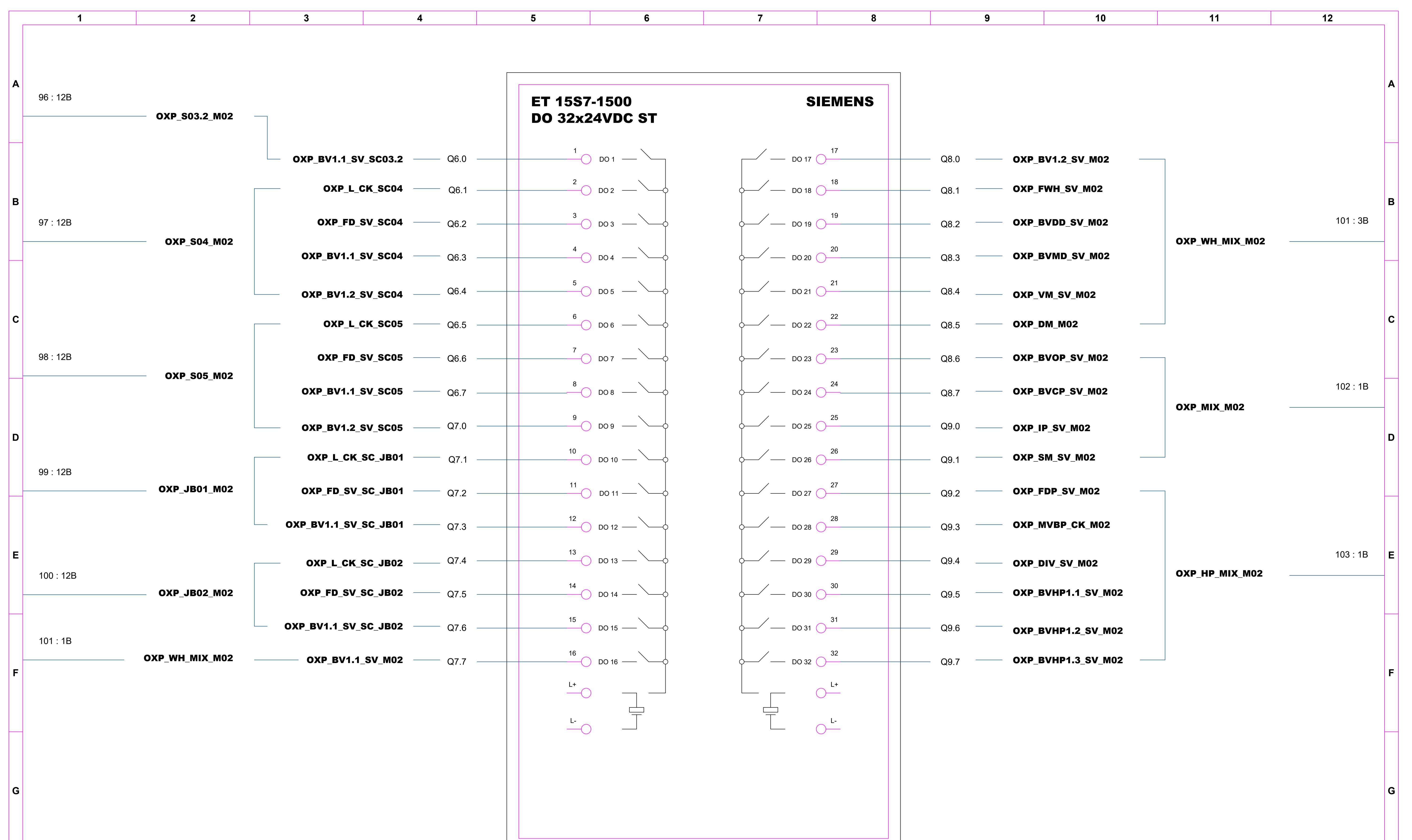
Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title <b>Digital Output 1</b>	Project Address Tile Grouting											
4	21-05-2025		Drawn	RAFLI															
			Appr.																
			Norm		Wiring Control Panel				+ Sheet No.53 121 Sheet										
									2	3	4	5	6	7	8	9	10	11	12

1 2 3 4 5 6 7 8 9 10 11 12



Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA		Title	Digital Output 2	Project						
4	21-05-2025		Drawn	RAFLI											
			Appr.												
			Norm		Wiring Control Panel			Address Tile Grouting			+ Sheet No.54	121 Sheet			
					2	3	4	5	6	7	8	9	10	11	12





H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA MU mortar utama SAINT-GOBAIN	Title Pro-X Batching Wiring Control Panel	 WAMGROUP® <b>Digital Output 1</b>	Project + Sheet No.56 121 Sheet
	4	21-05-2025		Drawn	RAFLI				
				Appr.					
				Norm					



H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA		Title	Digital Output 2	Project		
	4	21-05-2025		Drawn	RAFLI							
				Appr.								
				Norm		Wiring Control Panel					Pro-X Batching	

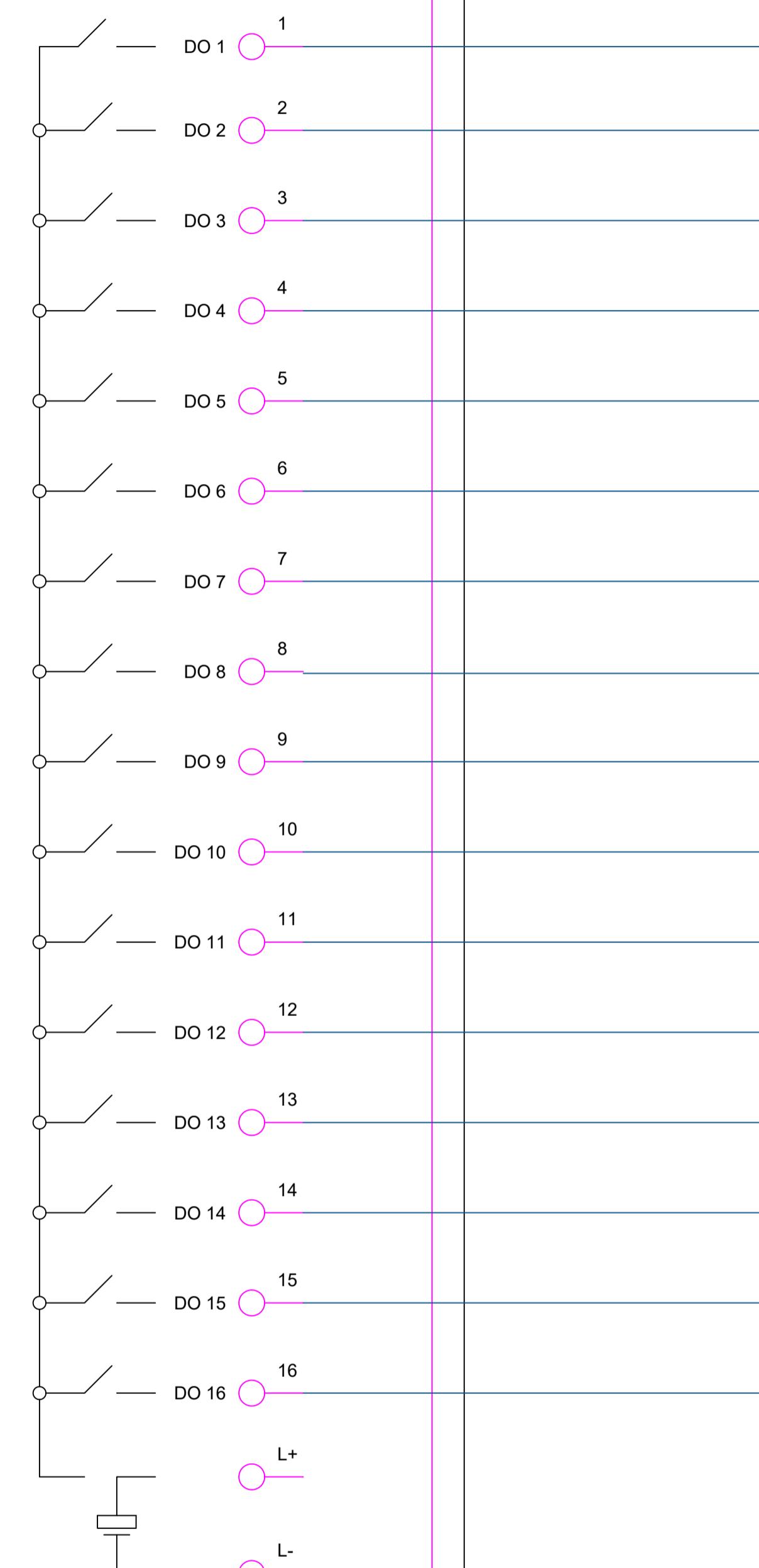
+  
Sheet No.57  
121 Sheet

1 2 3 4 5 6 7 8 9 10 11 12

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SIEMENS

**ET 15S7-1500  
DO 16x24VDC ST**



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Q14.0

**ONS\_L\_CK\_SC07**

Q14.1

**ONS\_FD\_SV\_SC07**

Q14.2

**ONS\_BV1.1\_SV\_SC07**

Q14.3

**ONS\_BV1.2\_SV\_SC07**

Q14.4

**ONS\_L\_CK\_SC08**

Q14.5

**ONS\_BV\_VM\_SC08**

Q14.6

**ONS\_BV1.1\_SV\_SC08**

Q14.7

**ONS\_BV1.2\_SV\_SC08**

Q15.0

**ONS\_L\_CK\_SC09**

Q15.1

**ONS\_FD\_SV\_SC09**

Q15.2

**ONS\_BV1.1\_SV\_SC09**

Q15.3

**ONS\_BV1.2\_SV\_SC09**

Q15.4

**ONS\_L\_CK\_SC10**

Q15.5

**ONS\_FD\_SV\_SC10**

Q15.6

**ONS\_BV1.1\_SV\_SC10**

Q15.7

**ONS\_BV1.2\_SV\_SC10**

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**ONS\_S07\_M03**

109 : 1B

**ONS\_S08\_M03**

110 : 1B

**ONS\_S09\_M03**

111 : 1B

**ONS\_S10\_M03**

112 : 1B

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Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title <b>Digital Output 1</b>	Project Non Sanded Batching	
4	21-05-2025		Drawn	RAFLI					
			Appr.						
			Norm		Wiring Control Panel				+ Sheet No.58 121 Sheet

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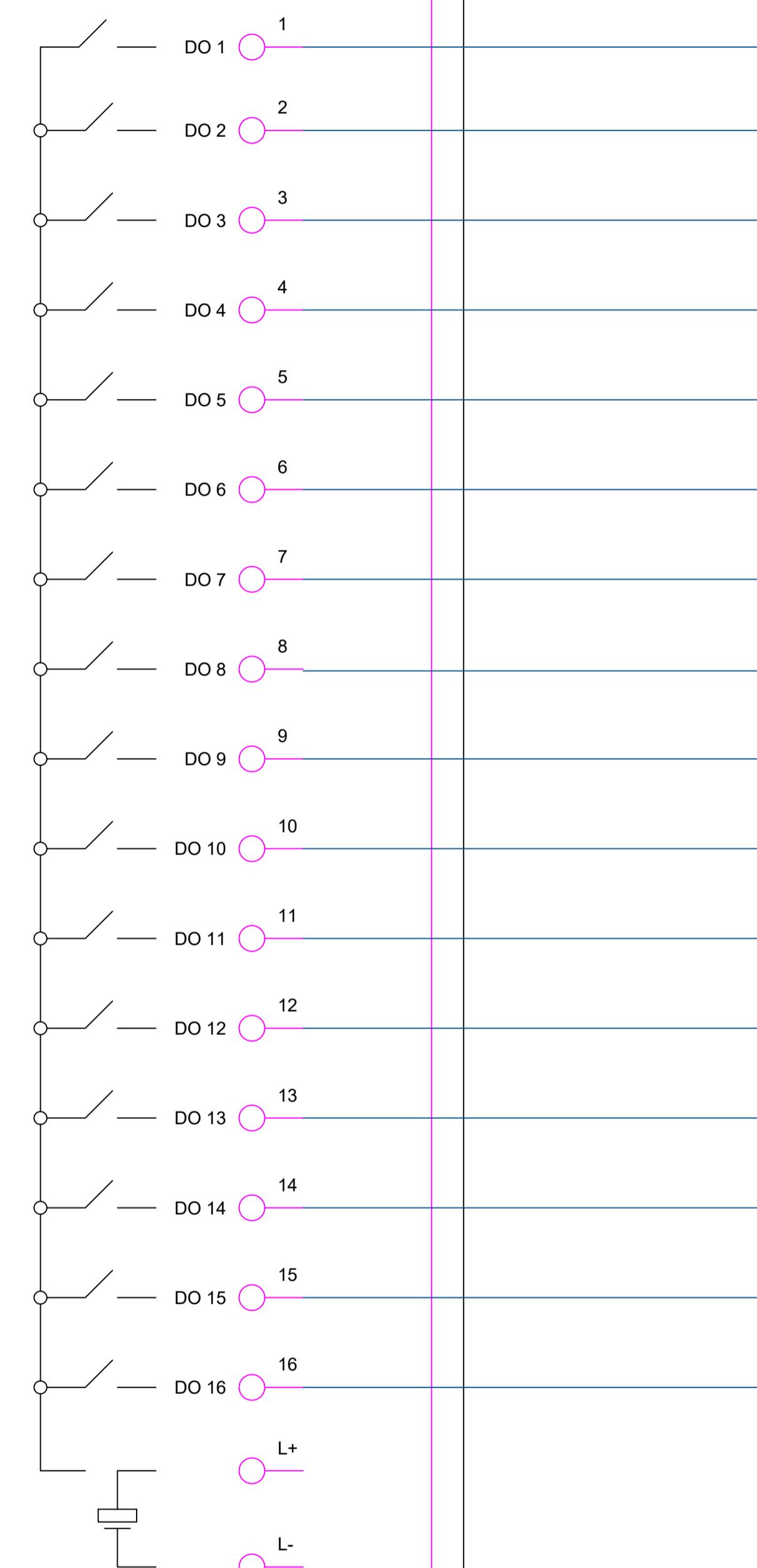
12

1 2 3 4 5 6 7 8 9 10 11 12

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**ET 15S7-1500  
DO 16x24VDC ST**

**SIEMENS**



Q16.0 Q16.1 Q16.2 Q16.3 Q16.4 Q16.5 Q16.6 Q16.7 Q17.0 Q17.1 Q17.2 Q17.3 Q17.4 Q17.5 Q17.6 Q17.7

**ONS\_BV1.1\_SV\_M03**  
**ONS\_BV1.2\_SV\_M03**  
**ONS\_FWH\_SV\_M03**  
**ONS\_BVDD\_SV\_M03**  
**ONS\_BVMD\_SV\_M03**  
**ONS\_VM1.1\_SV\_M03**  
**ONS\_VM1.2\_SV\_M03**  
**ONS\_DM\_M03**  
**ONS\_BVOP\_SV\_M03**  
**ONS\_BVCP\_SV\_M03**  
**ONS\_IP\_SV\_M03**  
**ONS\_SM\_SV\_M03**  
**ONS\_MX3\_OC1\_KC\_M03**  
**ONS\_MX3\_OC2\_KC\_M03**  
**ONS\_MX3\_OC3\_KC\_M03**  
**ONS\_FUH\_SV\_M03**

**ONS\_WH\_MIX\_M03**

113 : 1B

**ONS\_MIX\_M03**

114 : 1B

**ONS\_HP\_MIX\_M03**

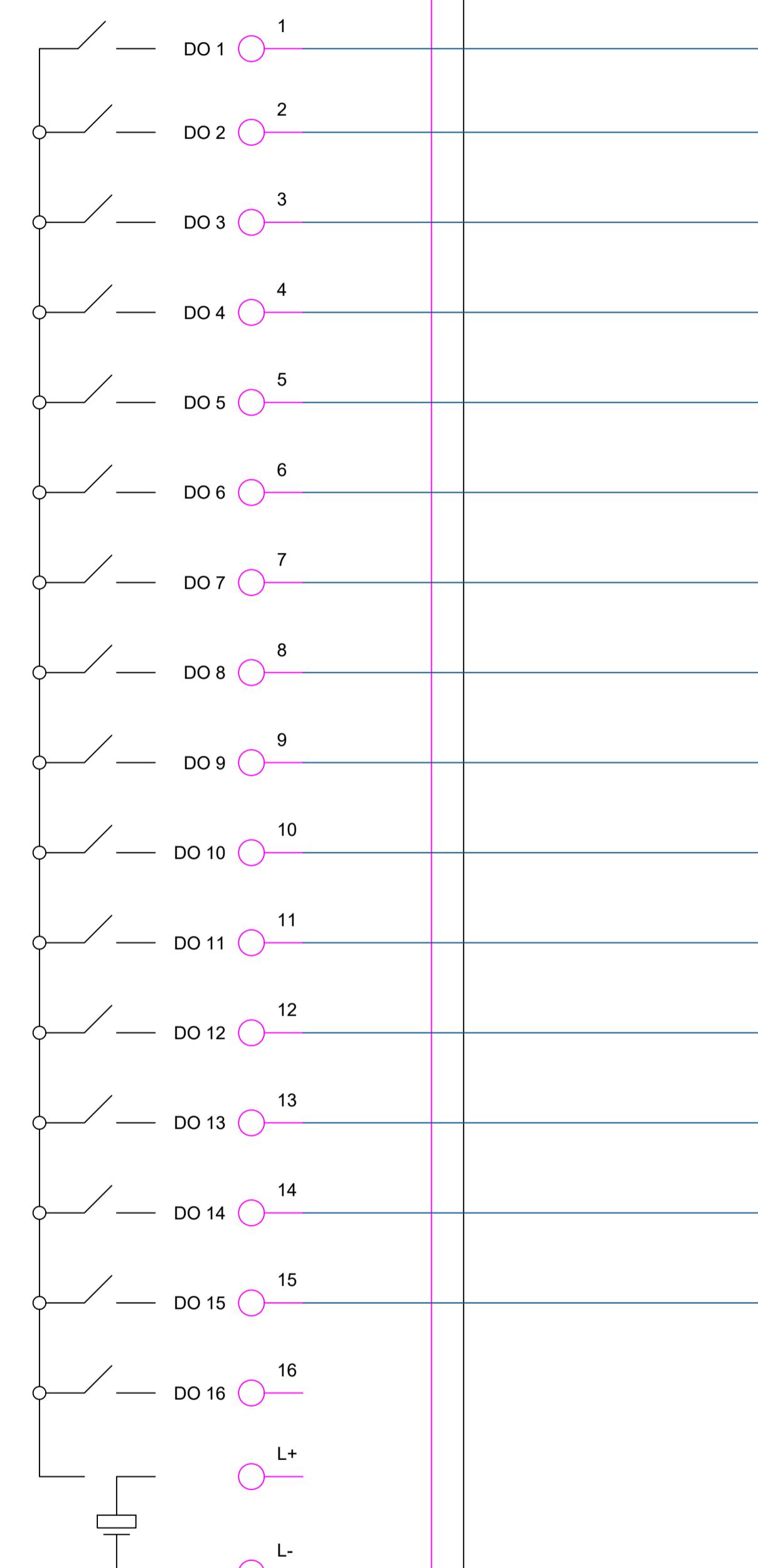
115 : 1B

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Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	WAMGROUP	Title <b>Digital Output 2</b>	Project Non Sanded Batching		
4	21-05-2025		Drawn	RAFLI						
			Appr.							
			Norm		Wiring Control Panel				+ Sheet No.59 121 Sheet	H

2 3 4 5 6 7 8 9 10 11 12

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**ET 15S7-1500  
DO 16x24VDC ST****SIEMENS**

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Q18.0  
Q18.1  
Q18.2  
Q18.3  
Q18.4  
Q18.5  
Q18.6  
Q18.7  
Q19.0  
Q19.1  
Q19.2  
Q19.3  
Q19.4  
Q19.5  
Q19.6

**ONS\_MX3\_VM1.1\_SV\_M03**  
**ONS\_MX3\_VM1.2\_SV\_M03**  
**OTG\_RUN\_INV S7\_M03**  
**OTG\_STO\_INV S7\_M03**  
**OTG\_RUN\_INV S8\_M03**  
**OTG\_STO\_INV S8\_M03**  
**OTG\_RUN\_INV S9\_M03**  
**OTG\_STO\_INV S9\_M03**  
**OTG\_RUN\_INV S10\_M03**  
**OTG\_STO\_INV S10\_M03**  
**OTG\_RUN\_INV MIX\_M03**  
**OTG\_STO\_INV MIX\_M03**  
**OTG\_ZERO\_SCALE\_MIX\_M02**  
**OTG\_TARE\_SCALE\_MIX\_M02**  
**OTG\_NG\_SCALE\_MIX\_M02**

**ONS\_HP\_MIX\_M03**

115 : 8B

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Title

**Digital Output 4**

Project

Non Sanded Batching

Rev.	Date	Remarks	Date	Drawn	17-10-2024
4	21-05-2025			RAFLI	
				Appr.	
			Norm		

P.T. CIPTA MORTAR UTAMA

Wiring Control Panel

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117 : 1B

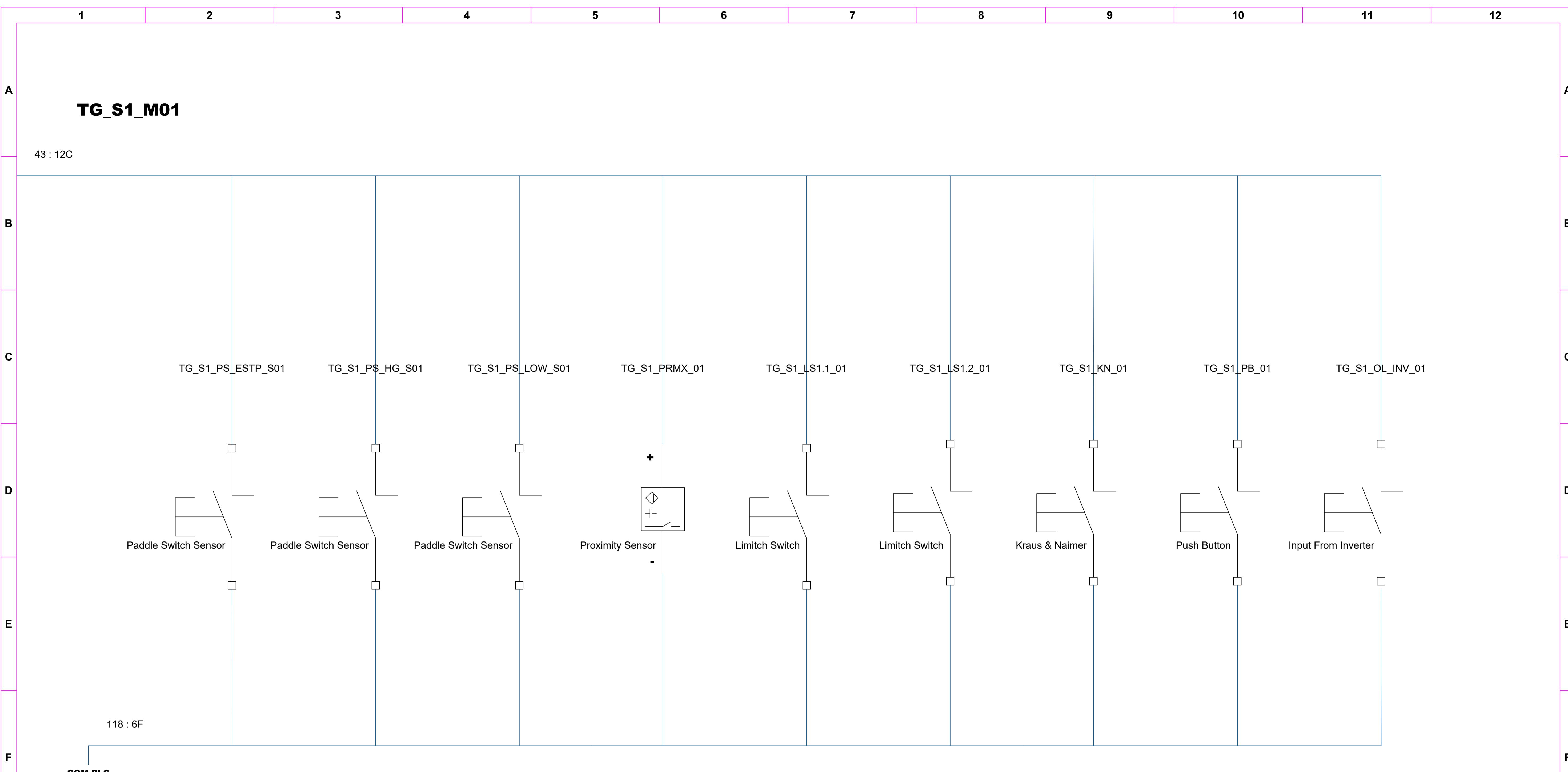
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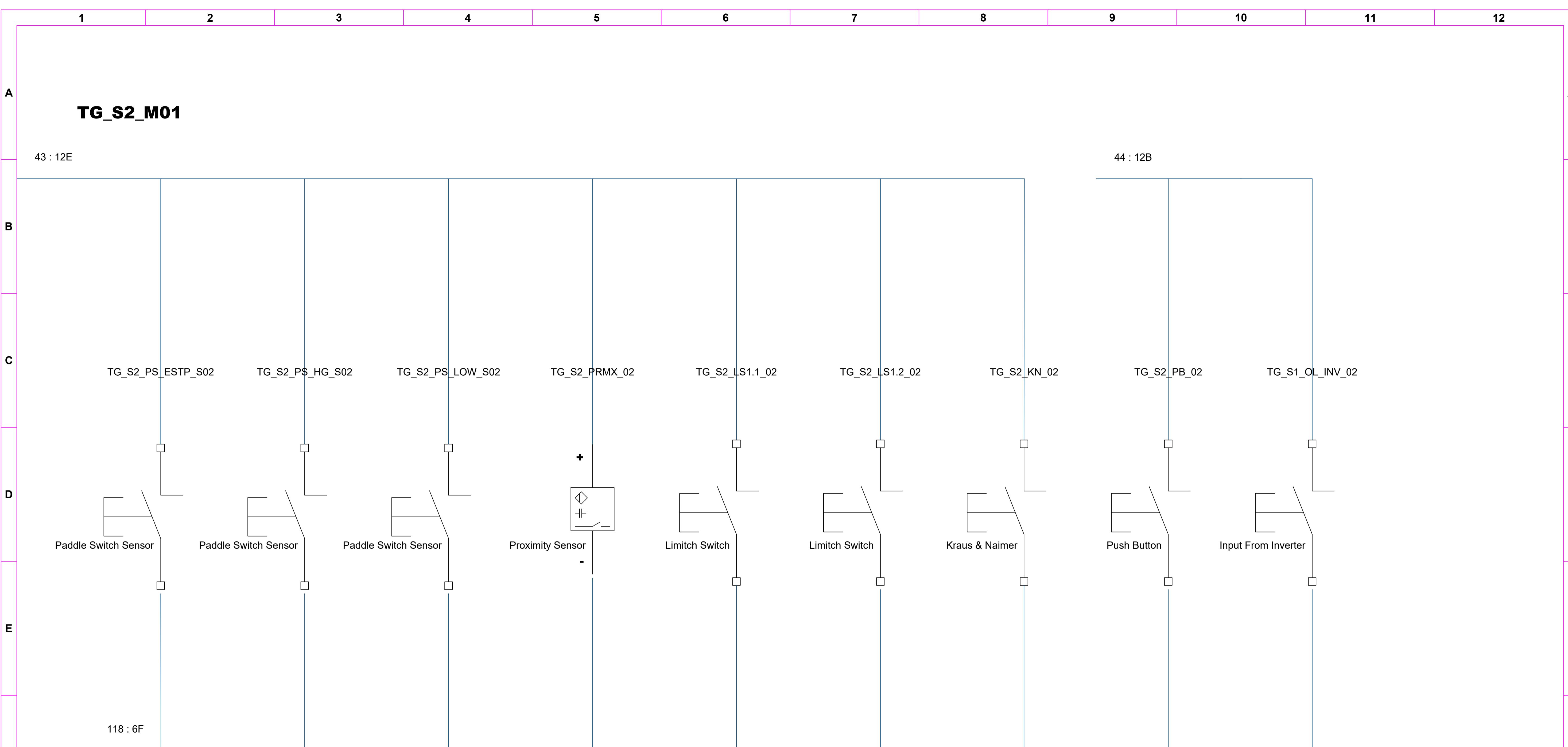
+  
Sheet No.60  
121 Sheet

1 2 3 4 5 6 7 8 9 10 11 12

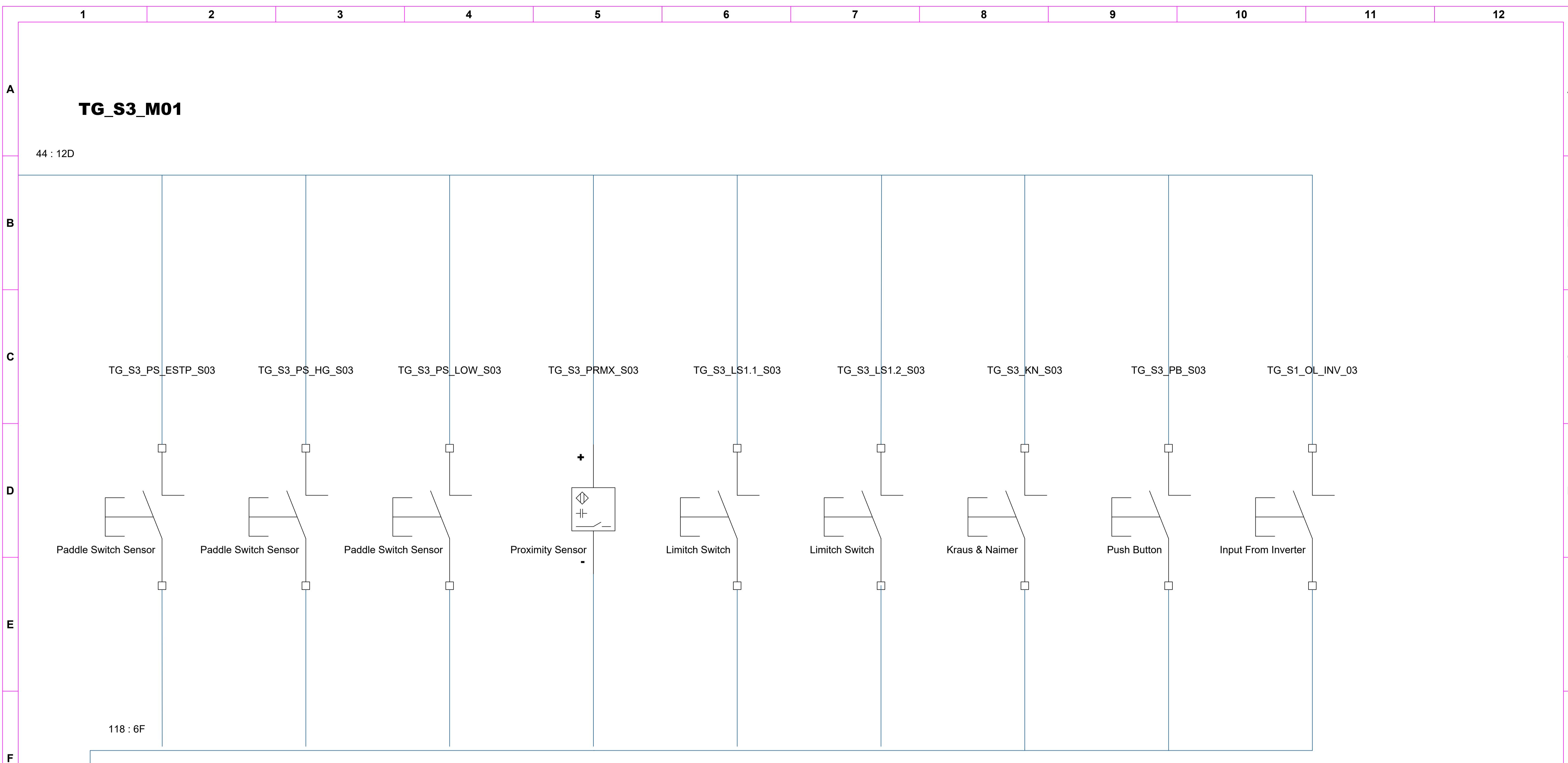


Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title <b>Group TG_S1_M01</b> Digital Input 1	Project Address Tile Grouting	
4	21-05-2025		Drawn	RAFLI					+ Sheet No.61
			Appr.						121 Sheet
			Norm		Wiring Control Panel				2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

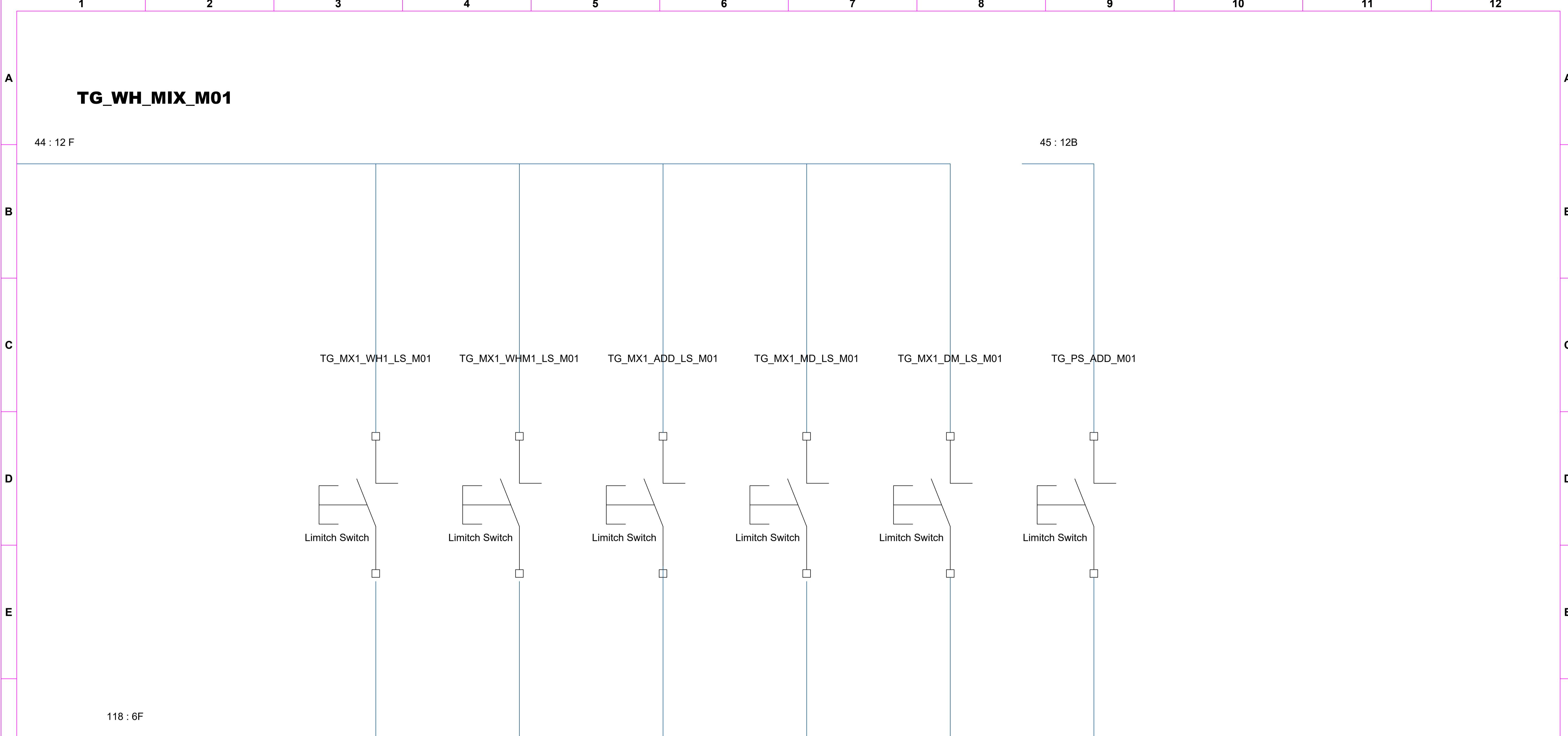


Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA		Title <b>Group TG_S2_M01</b> Digital Input 1	Project Address Tile Grouting	H
4	21-05-2025		Drawn	RAFLI					+ Sheet No.62
			Appr.						121 Sheet
			Norm		Wiring Control Panel				12



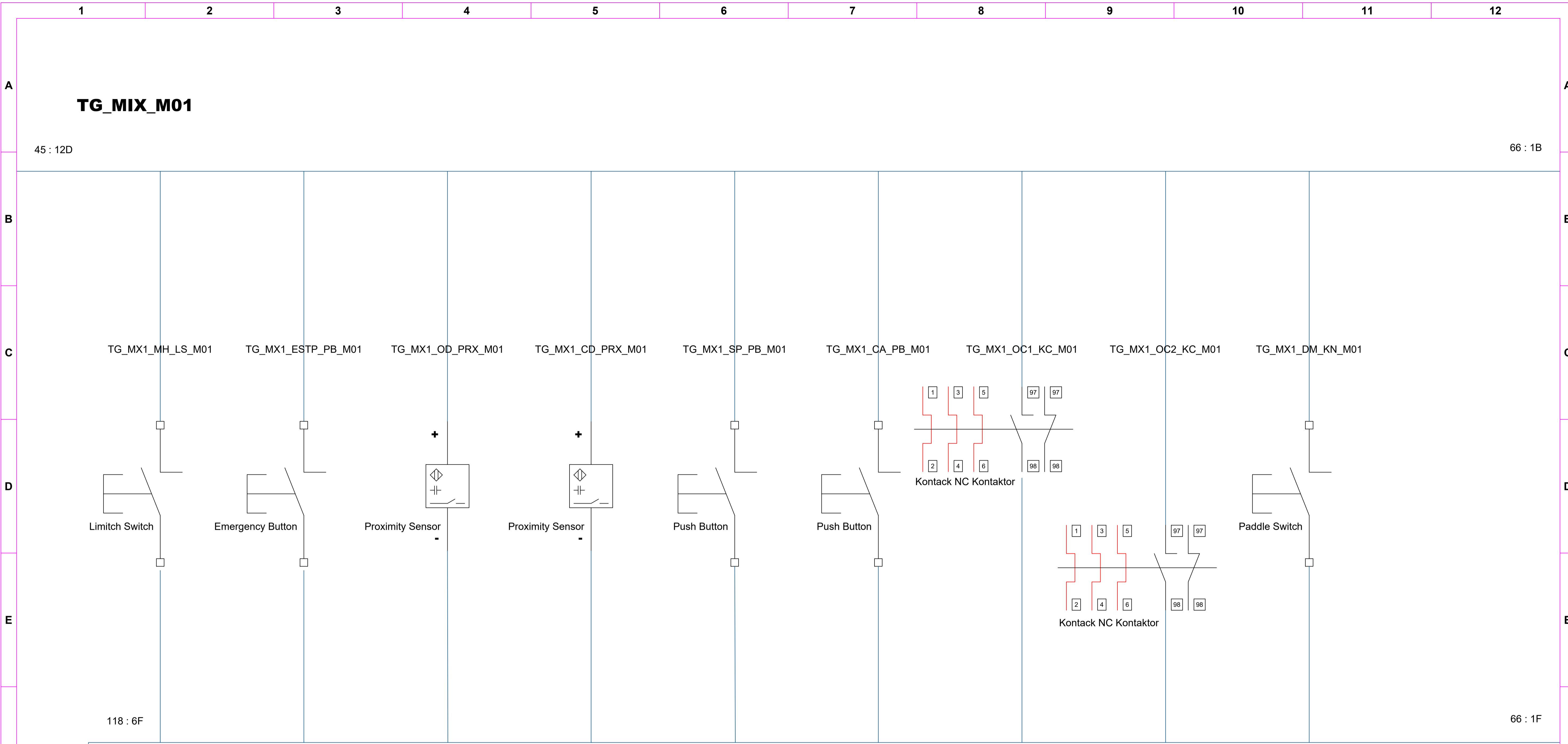
H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA SAINT-GOBAIN	 WAMGROUP®	Title	Project			
	4	21-05-2025		Drawn	RAFLI				+			
				Appr.					Sheet No.63			
				Norm	Wiring Control Panel				121 Sheet			
		2	3	4	5	6	7	8	9	10	11	12

1 2 3 4 5 6 7 8 9 10 11 12



Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title <b>Group TG_WH_MIX_M01</b> Digital Input 2	Project Address Tile Grouting						
4	21-05-2025		Drawn	RAFLI										
			Appr.											
			Norm		Wiring Control Panel				+ Sheet No.64 121 Sheet					
				2	3	4	5	6	7	8	9	10	11	12

1 2 3 4 5 6 7 8 9 10 11 12



Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA		Title <b>Group TG_MIX_M01</b> Digital Input 3	Project Address Tile Grouting	H			
4	21-05-2025		Drawn	RAFLI					+			
			Appr.						Sheet No.65			
			Norm		Wiring Control Panel				121 Sheet			
		2	3	4	5	6	7	8	9	10	11	12

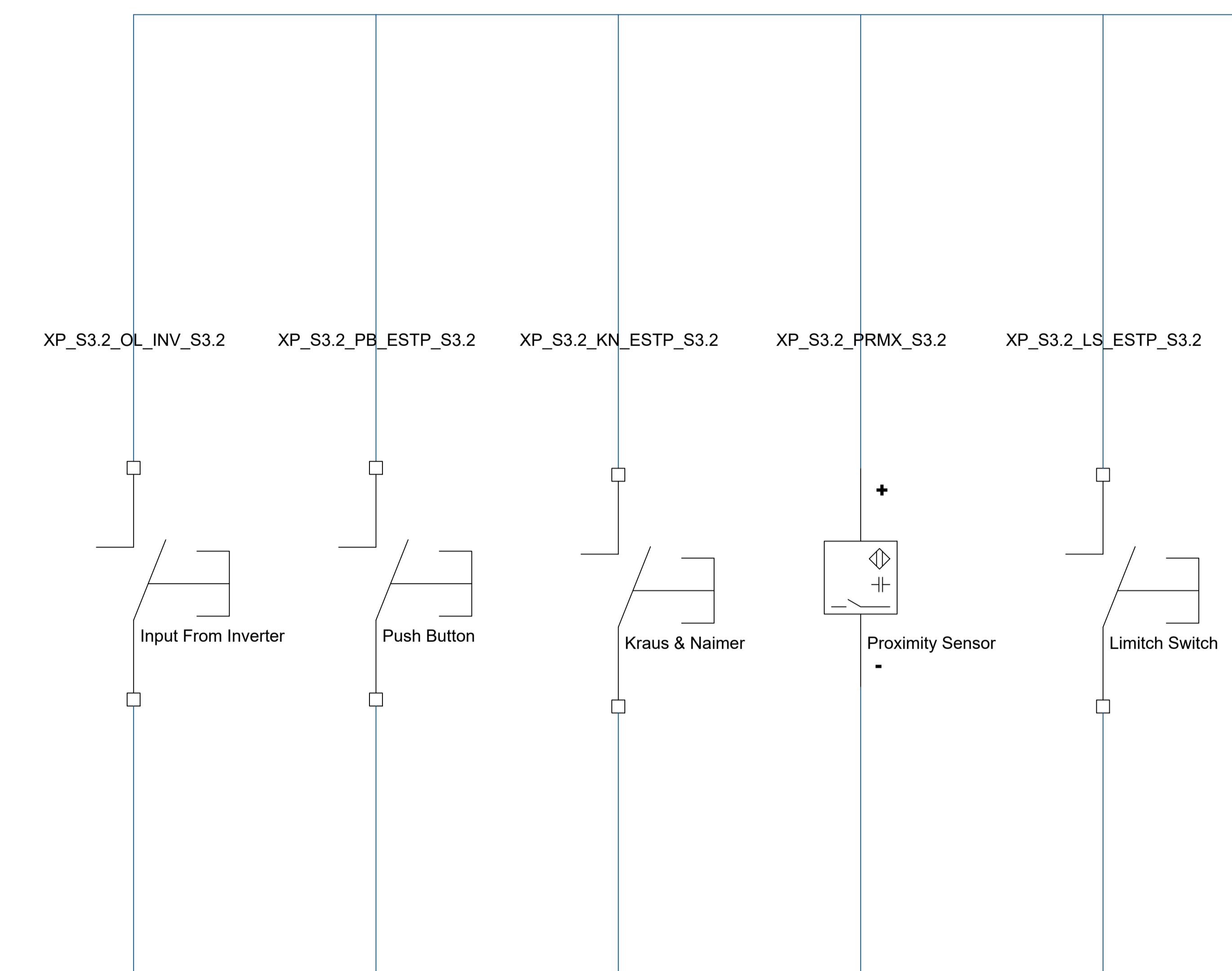


H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA MU mortar utama SAINT-GOBAIN	Title  Group <b>TG_MIX_M01</b> Digital Input 3	Project  Address Tile Grouting					
	4	21-05-2025		Drawn	RAFLI				+				
				Appr.					Sheet No.66				
				Norm		Wiring Control Panel			121 Sheet				
			2	3	4	5	6	7	8	9	10	11	12

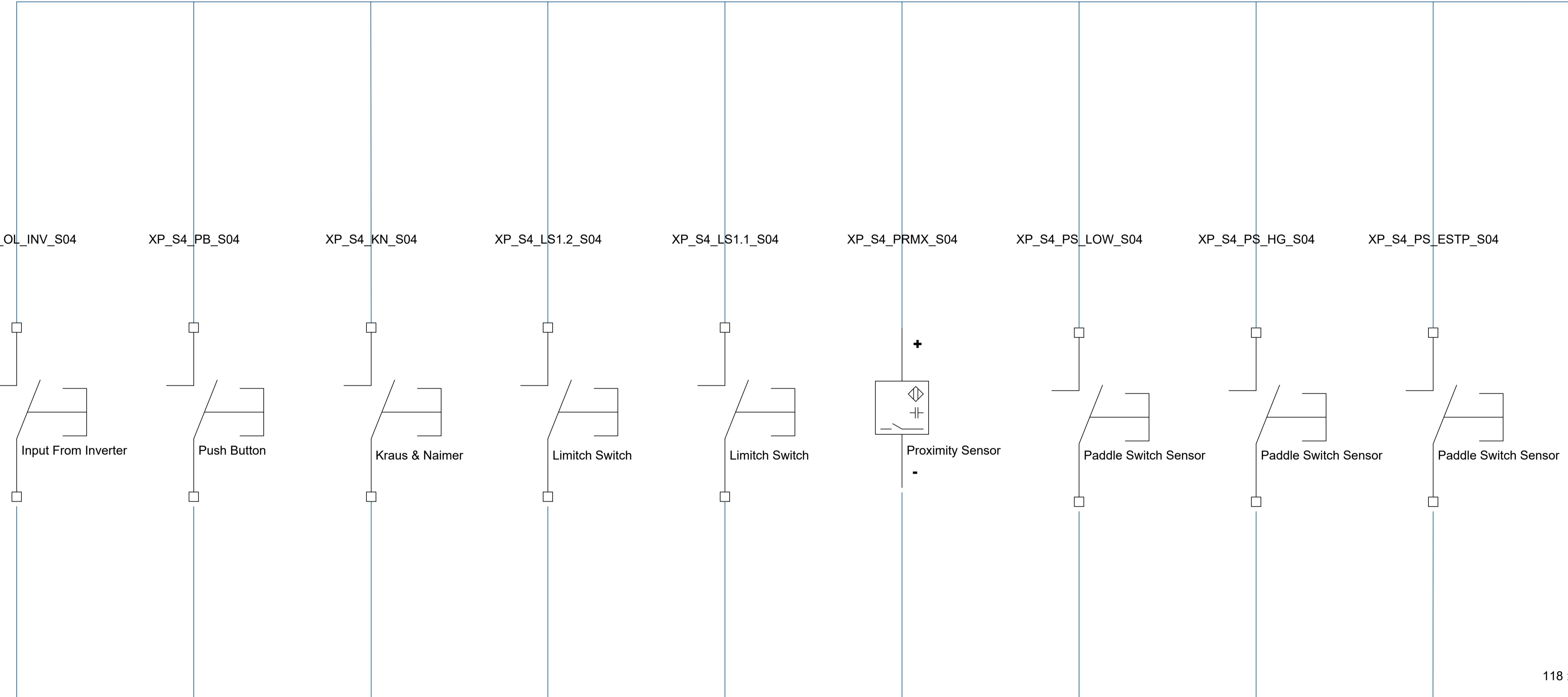
1 2 3 4 5 6 7 8 9 10 11 12



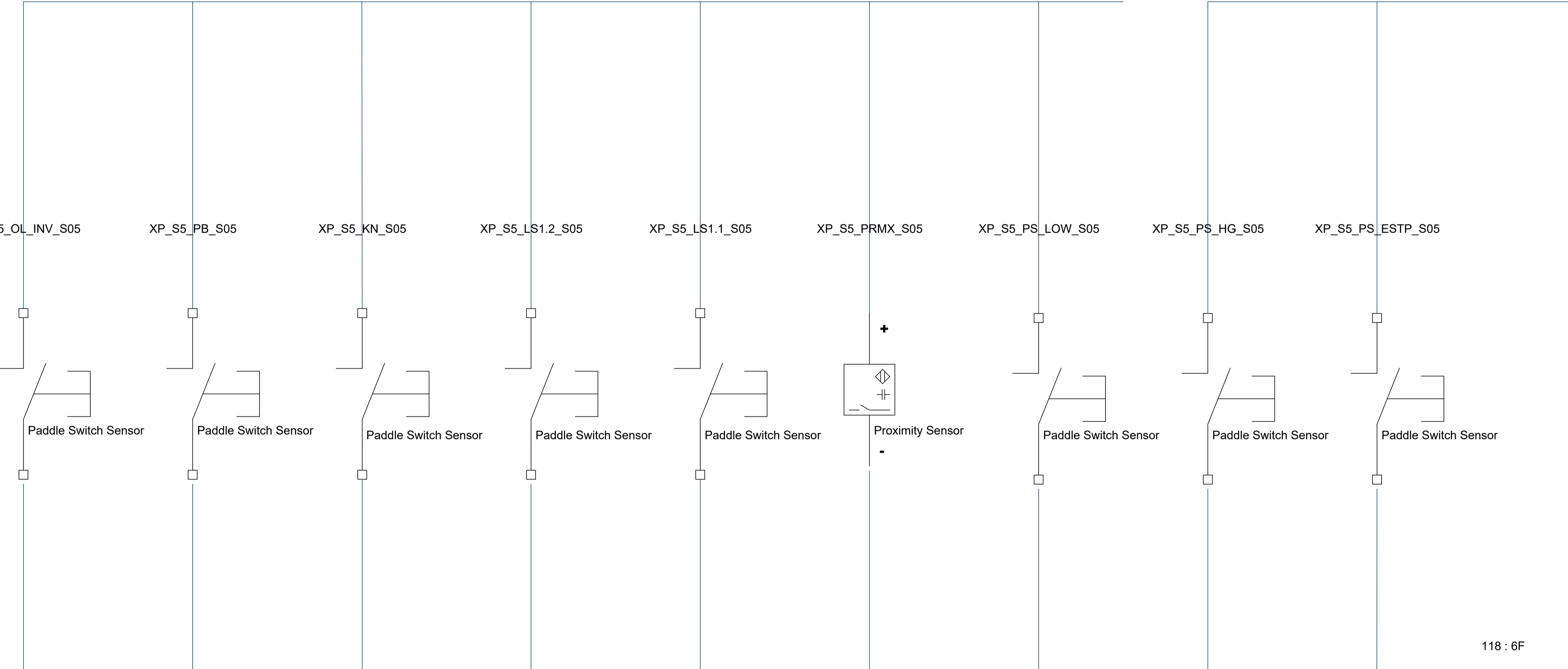
Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title <b>Group TG_HP_MIX_M01</b> Digital Input 3	Project Address Tile Grouting							
4	21-05-2025		Drawn	RAFLI											
			Appr.												
			Norm		Wiring Control Panel				+						
									Sheet No.67						
									121 Sheet						
					2	3	4	5	6	7	8	9	10	11	12



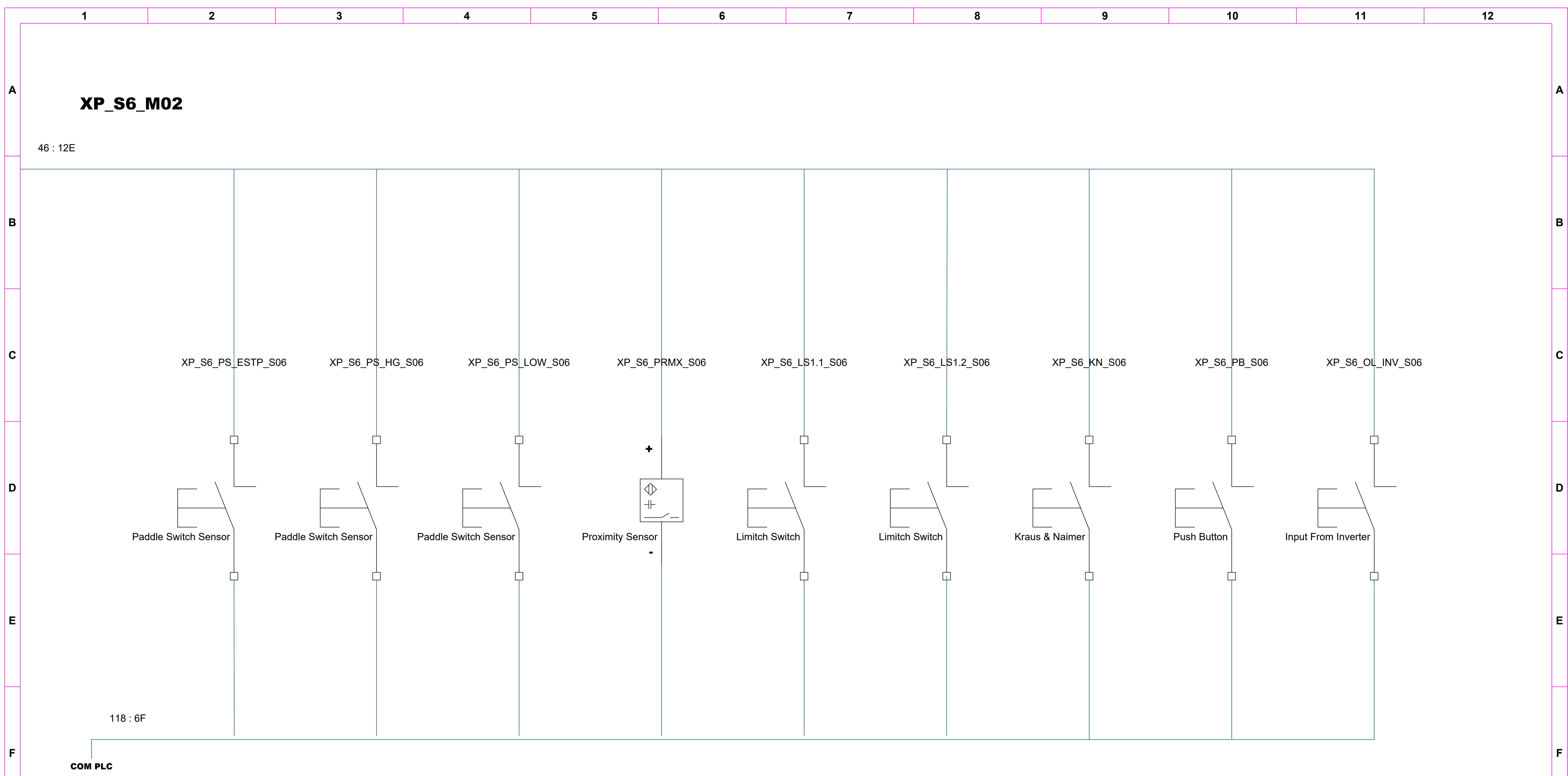
H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 <b>Group XP_S3.2_M02</b> Digital Input 1	<b>Title</b>  <b>Project</b> WAMGROUP®	
	4	21-05-2025		Drawn	RAFLI				+
				Appr.					Sheet No.68
				Norm	Wiring Control Panel				121 Sheet



118 : 6F



H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	  <b>Group XP_S5_M02</b> Digital Input 1	Title	Project		
	4	21-05-2025		Drawn	RAFLI				+		
				Appr.					Sheet No.70		
				Norm	Wiring Control Panel				121 Sheet		
				2	3	4	5	6	7	8	9
				10					11		12



1 2 3 4 5 6 7 8 9 10 11 12

A

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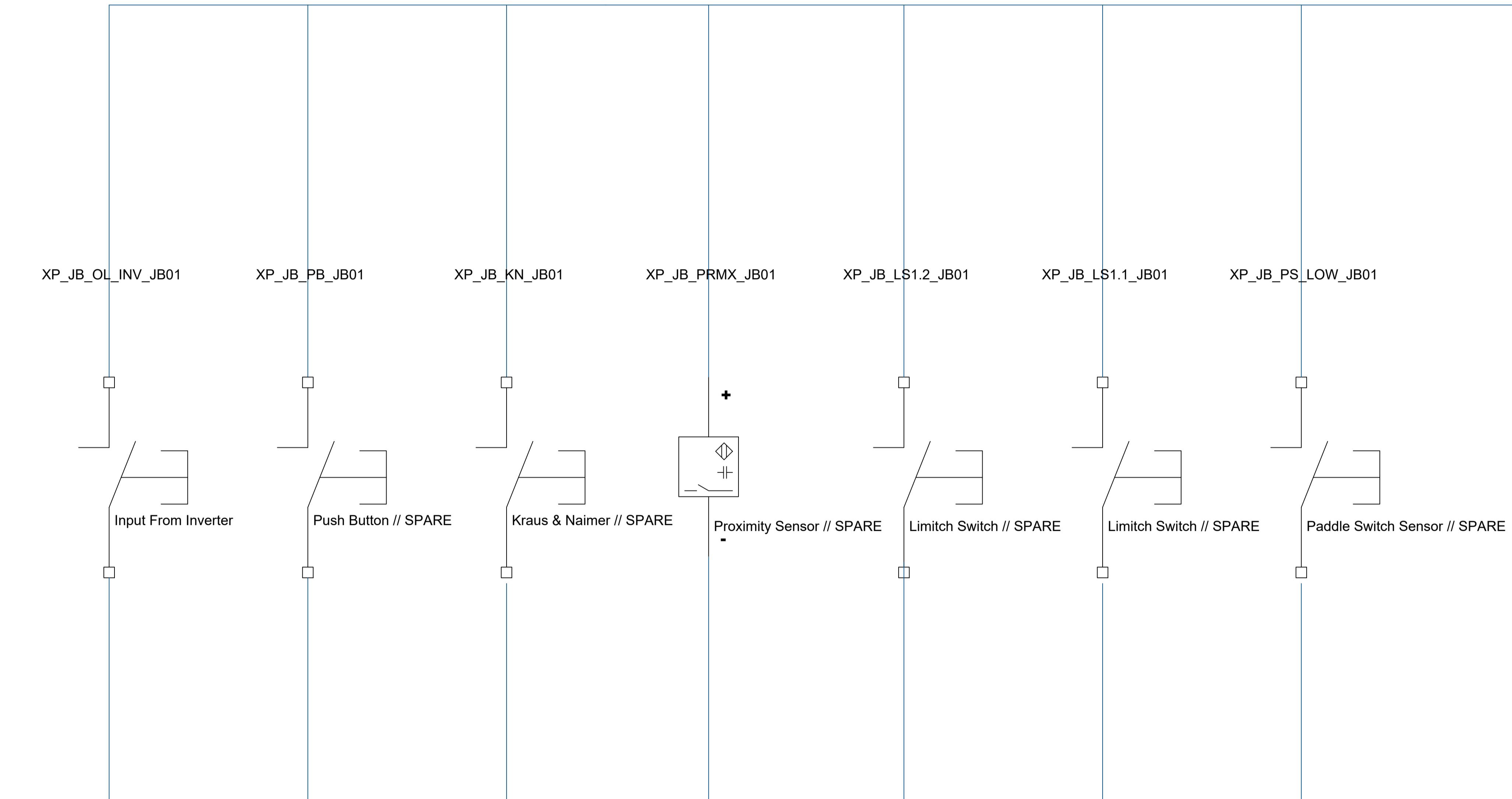
G

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**XP\_JB01\_M02**

47 : 1B



118 : 6F

COM PLC

Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA		Title <b>Group XP_JB01_M02</b> Digital Input 2	Project Pro-X Batching	
4	21-05-2025		Drawn	RAFLI					+ Sheet No.72
			Appr.						121 Sheet
			Norm		Wiring Control Panel				

1 2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

A

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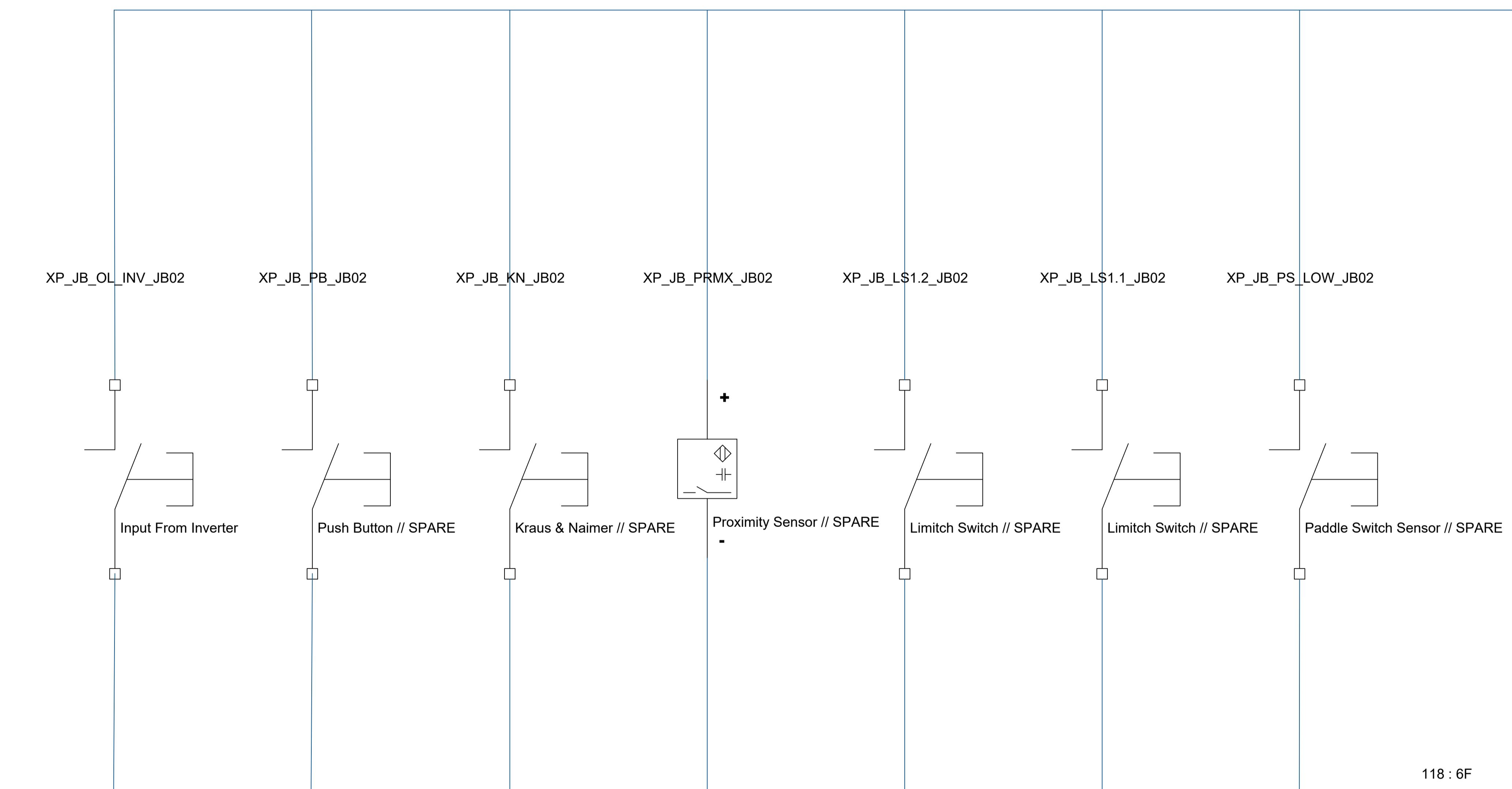
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## XP\_JB02\_M02

47 : 1D



Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title <b>Group XP_JB02_M02</b> Digital Input 2	Project Pro-X Batching	
4	21-05-2025		Drawn	RAFLI					+ Sheet No.73
			Appr.						121 Sheet
			Norm		Wiring Control Panel				

2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

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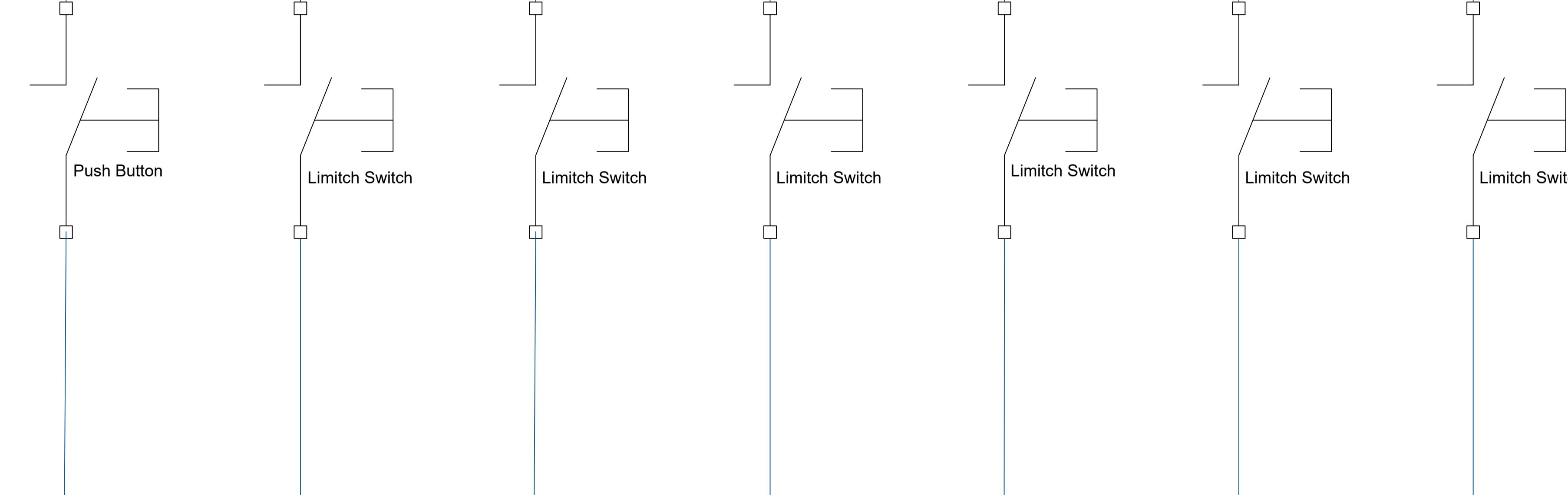
H

47 : 12B

**XP\_WH\_MIX\_M02**

47 : 1F

XP\_MX2\_ESTP\_PB\_M02 XP\_MX2\_MH\_LS\_M02 XP\_MX2\_DM\_LS\_M02 XP\_MX2\_MD\_LS\_M02 XP\_MX2\_ADD\_LS\_M02 XP\_MX2\_WHM2\_LS\_M02 XP\_MX2\_WH2\_LS\_M02



118 : 6F

COM PLC



Title

**Group XP\_WH\_MIX\_M02**  
Digital Input 2



Project

Pro-X Batching

+
Sheet No.74
121 Sheet

Rev.	Date	Remarks	Date	17-10-2024
4	21-05-2025		Drawn	RAFLI
			Appr.	
			Norm	

P.T. CIPTA MORTAR UTAMA

Wiring Control Panel

1 2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

## XP\_MIX\_M02

47 : 12D

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XP\_MX2\_OD\_PRX\_M02 XP\_MX2\_CD\_PRX\_M02 XP\_MX2\_SP\_PRX\_M02 XP\_MX2\_CA\_PRX\_M02 XP\_MX2\_DM\_KN\_M02 XP\_MX2\_RM\_PB\_M02 XP\_MX2\_OI\_INV\_M02

Limitch Switch

Limitch Switch

Push Button

Push Button

Kraus & Naimer

Push Button

Push Button

Input From Inverter

118 : 6F

COM PLC

Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title <b>Group XP_MIX_M02</b> Digital Input 2	Project Pro-X Batching	
4	21-05-2025		Drawn	RAFLI					+
			Appr.						Sheet No.75
			Norm		Wiring Control Panel				121 Sheet

2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

## XP\_HP\_MIX\_M02

47 : 12E

48 : 1B

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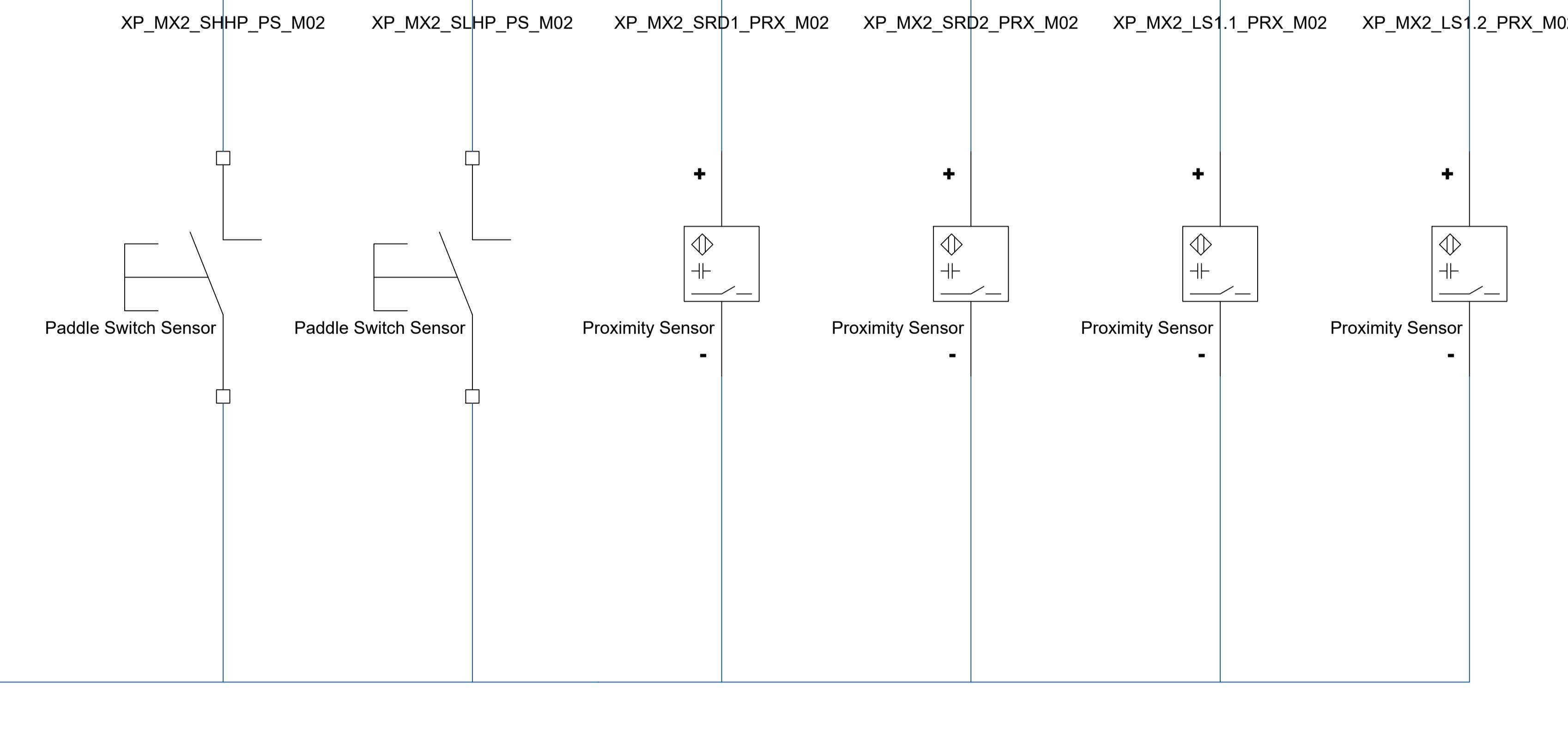
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Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title Group XP_HP_MIX_M02 Digital Input 2	Project Pro-X Batching	
4	21-05-2025		Drawn	RAFLI					+ Sheet No.76
			Appr.						121 Sheet
			Norm		Wiring Control Panel				

2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

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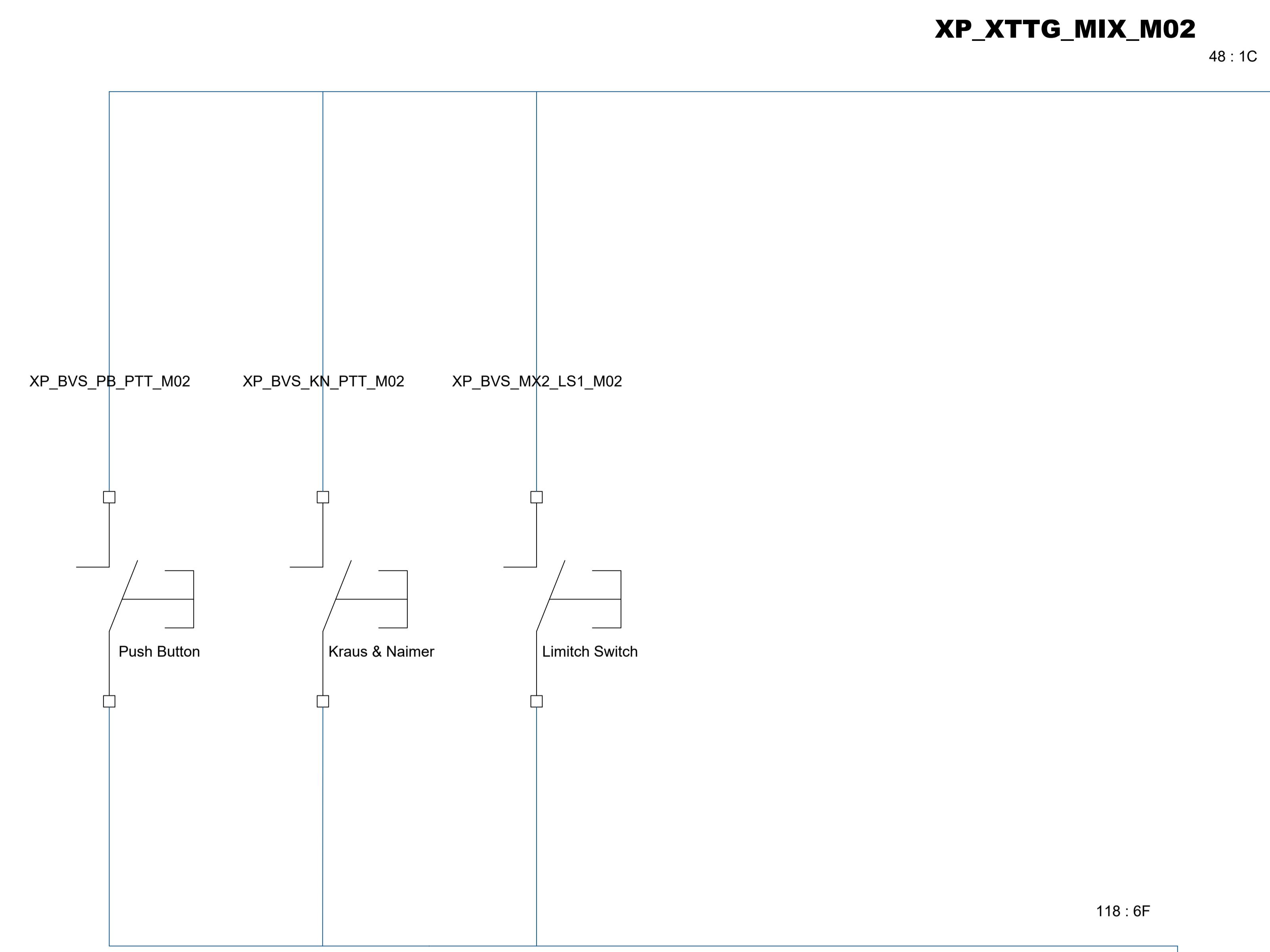
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Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title <b>Group XP_XTTG_MIX_M02</b> Digital Input 3	Project Pro-X Batching	
4	21-05-2025		Drawn	RAFLI					+ Sheet No.77
			Appr.						121 Sheet
			Norm		Wiring Control Panel				

2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

## NS\_S07\_M03

49 : 12C

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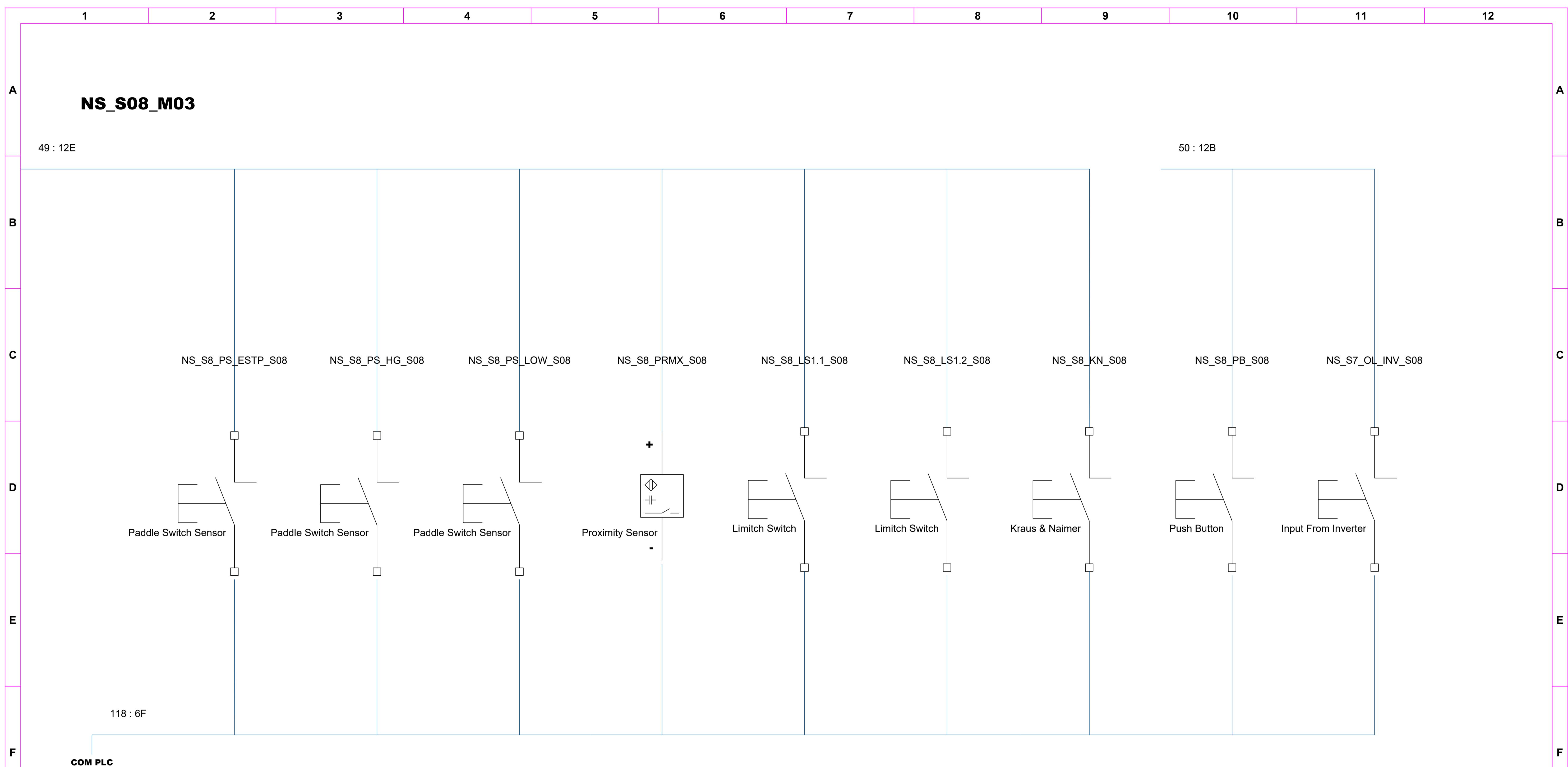
NS\_S7\_PS\_ESTP\_S07 NS\_S7\_PS\_HG\_S07 NS\_S7\_PS\_LOW\_S07 NS\_S7\_PRMX\_S07 NS\_S7\_LS1.1\_S07 NS\_S7\_LS1.2\_S07 NS\_S7\_KN\_S07 NS\_S7\_PB\_S07 NS\_S7\_OI\_INV\_S07



118 : 6F

COM PLC

Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title <b>Group NS_S07_M03</b> Digital Input 1	Project Non Sanded Batching		
4	21-05-2025		Drawn	RAFLI					+ Sheet No.78	
			Appr.						121 Sheet	
			Norm		Wiring Control Panel				12	
	2	3	4	5	6	7	8	9	10	11



H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 <b>MU</b> mortar utama SAINT-GOBAIN	Title	Project		H
	4	21-05-2025		Drawn	RAFLI					+	
				Appr.						Sheet No.79	
				Norm						121 Sheet	
1	2	3	4	5	6	7	8	9	10	11	12

1 2 3 4 5 6 7 8 9 10 11 12

## NS\_S09\_M03

50 : 12B

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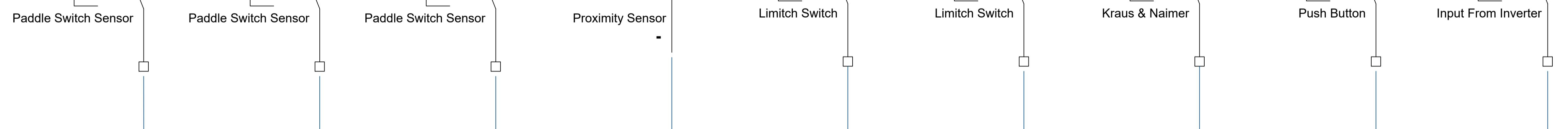
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NS\_S9\_PS\_ESTP\_S09 NS\_S9\_PS\_HG\_S09 NS\_S9\_PS\_LOW\_S09 NS\_S9\_PRMX\_S09 NS\_S9\_LS1.1\_S09 NS\_S9\_LS1.2\_S09 NS\_S9\_KN\_S09 NS\_S9\_PB\_S09 NS\_S7\_OI\_INV\_S09



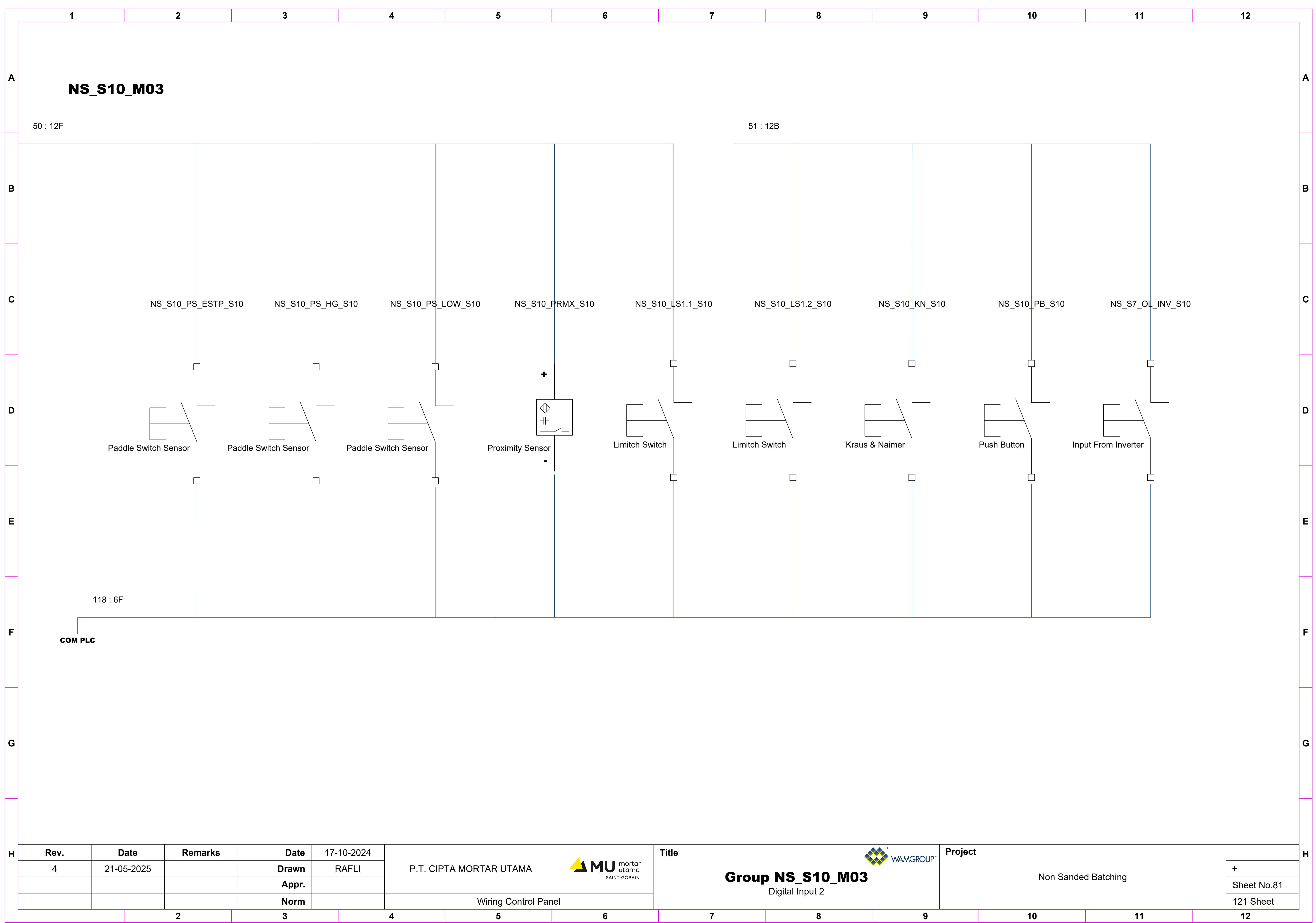
118 : 6F

COM PLC

Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title Group NS_S09_M03 Digital Input 2	Project Non Sanded Batching	
4	21-05-2025		Drawn	RAFLI					+ Sheet No.80
			Appr.						121 Sheet
			Norm		Wiring Control Panel				

2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12



1 2 3 4 5 6 7 8 9 10 11 12

# NS\_WH\_MIX\_M03

51 : 12D

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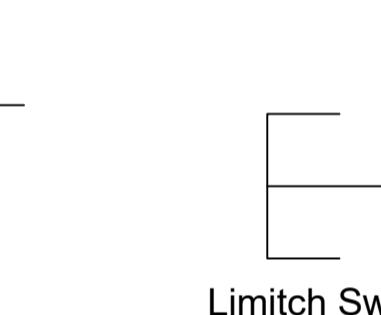
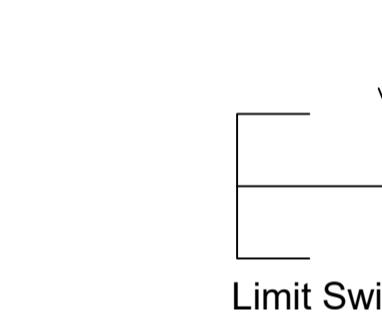
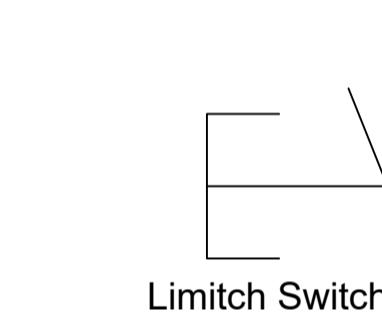
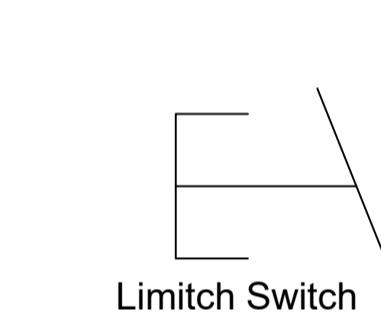
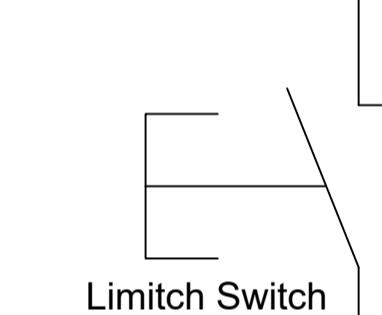
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NS\_MX3\_WH3\_LS\_M03 NS\_MX3\_WHM3\_LS\_M03 NS\_MX3\_ADD\_LS\_M03 NS\_MX3\_MD\_LS\_M03 NS\_MX3\_DM\_LS\_M03



118 : 6F

COM PLC

Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	WAMGROUP	Title <b>Group NS_WH_MIX_M03</b> Digital Input 3	Project Non Sanded Batching					
4	21-05-2025		Drawn	RAFLI					+				
			Appr.						Sheet No.82				
			Norm		Wiring Control Panel				121 Sheet				
			2	3	4	5	6	7	8	9	10	11	12

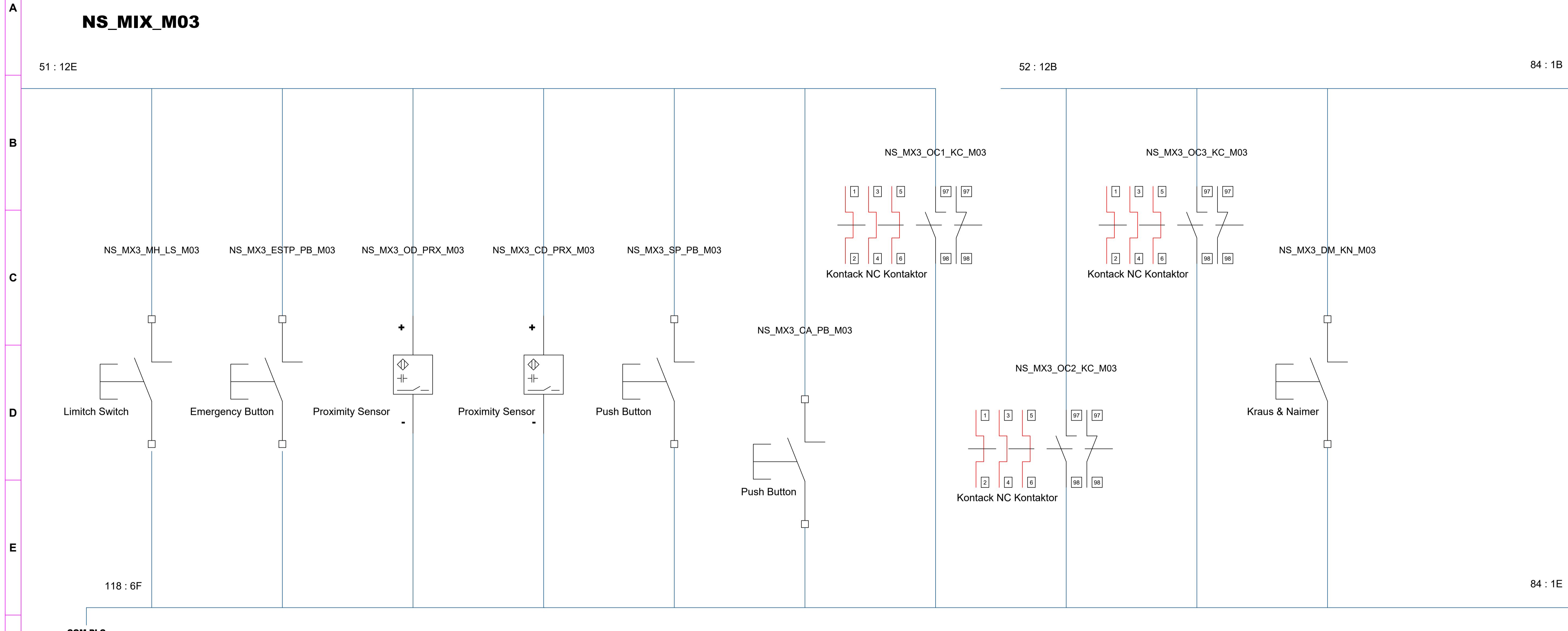
1 2 3 4 5 6 7 8 9 10 11 12

## NS\_MIX\_M03

51 : 12E

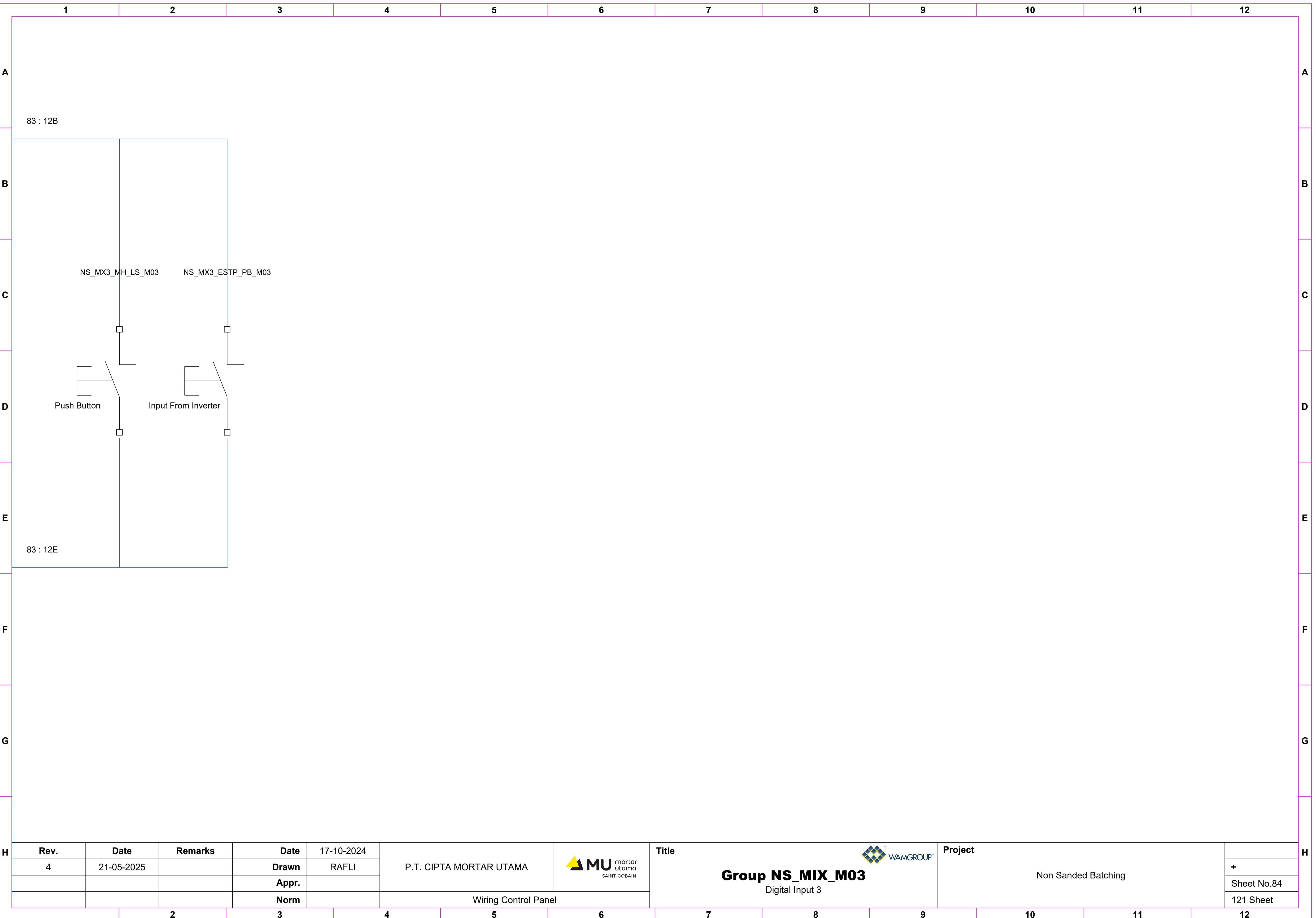
52 : 12B

84 : 1B



COM PLC 118 : 6F 84 : 1E

H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA Appr. Norm	WAMGROUP SAINT-GOBAIN Wiring Control Panel	Title  Group NS_MIX_M03 Digital Input 3	Project  Non Sanded Batching	
2	4	21-05-2025			RAFLI					
3										
4									+ Sheet No.83 121 Sheet	
5										
6										
7										
8										
9										
10										
11										
12										



1 2 3 4 5 6 7 8 9 10 11 12

## NS\_HP\_MIX\_M03

52 : 12D

B

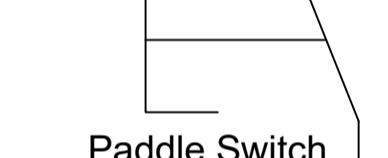
NS\_MX3\_SLHP\_PS\_M03 NS\_MX3\_SBVUP1.2\_PS\_M03

NS\_MX3\_SHHP\_PS\_M03

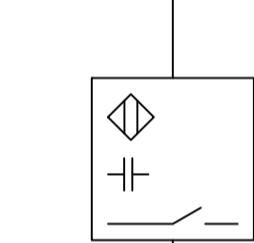
NS\_MX3\_BVUP1.1\_PS\_M03



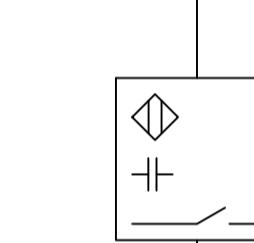
Paddle Switch



Paddle Switch



Proximity Sensor



Proximity Sensor

118 : 6F

COM PLC

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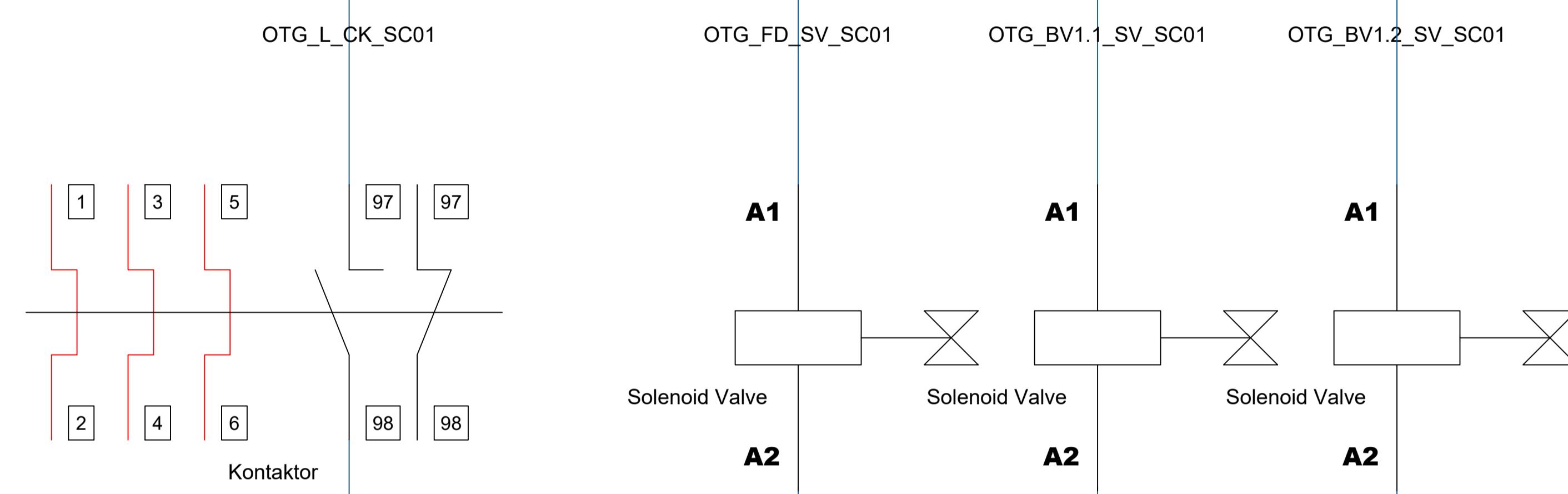
H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	MU mortar utama SAINT-GOBAIN	Title <b>Group NS_HP_MIX_M03</b> Digital Input 3	Project Non Sanded Batching	
	4	21-05-2025		Drawn	RAFLI					+
				Appr.						Sheet No.85
				Norm						121 Sheet

2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

## OTG\_S1\_M01

53 : 12 B

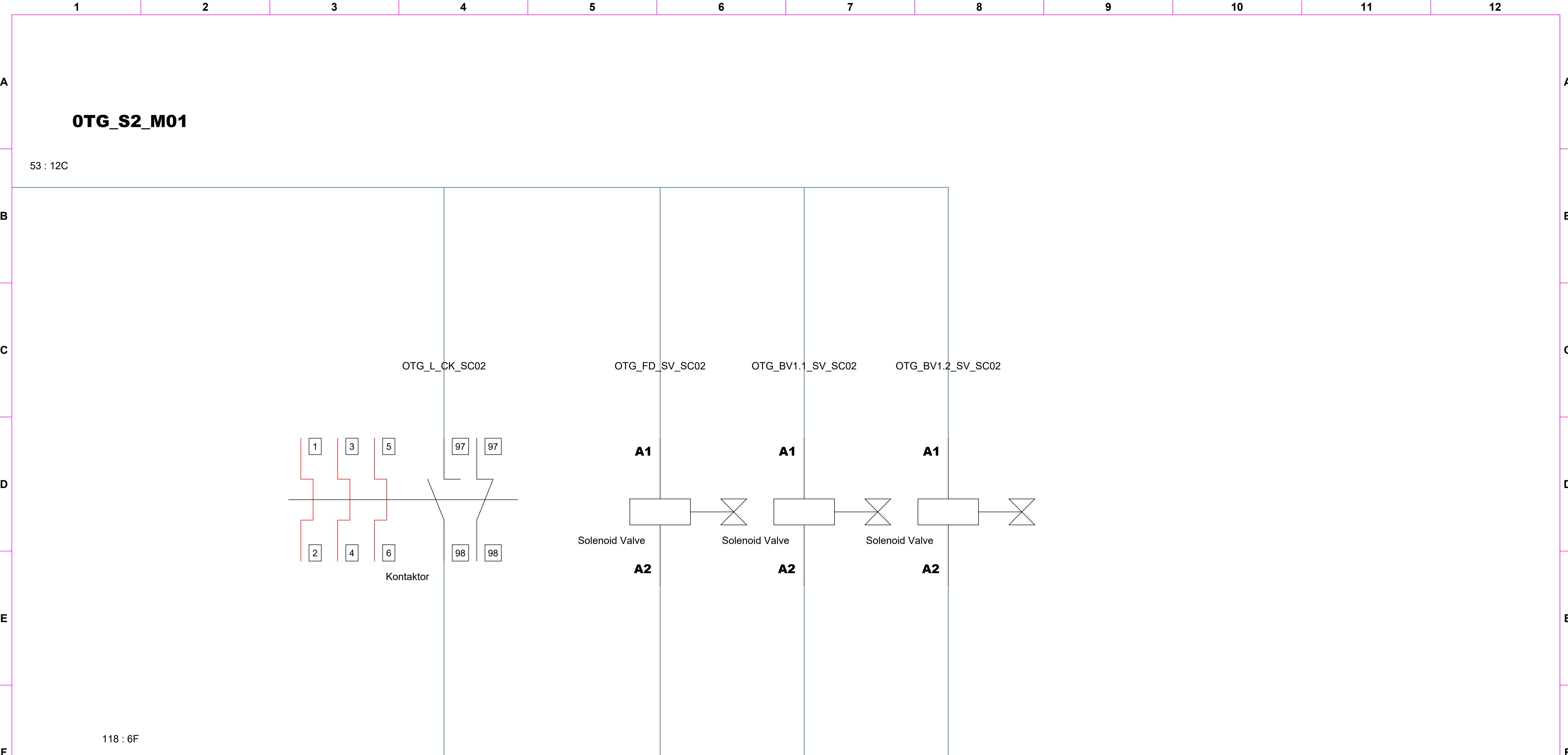


118 : 6F

COM PLC

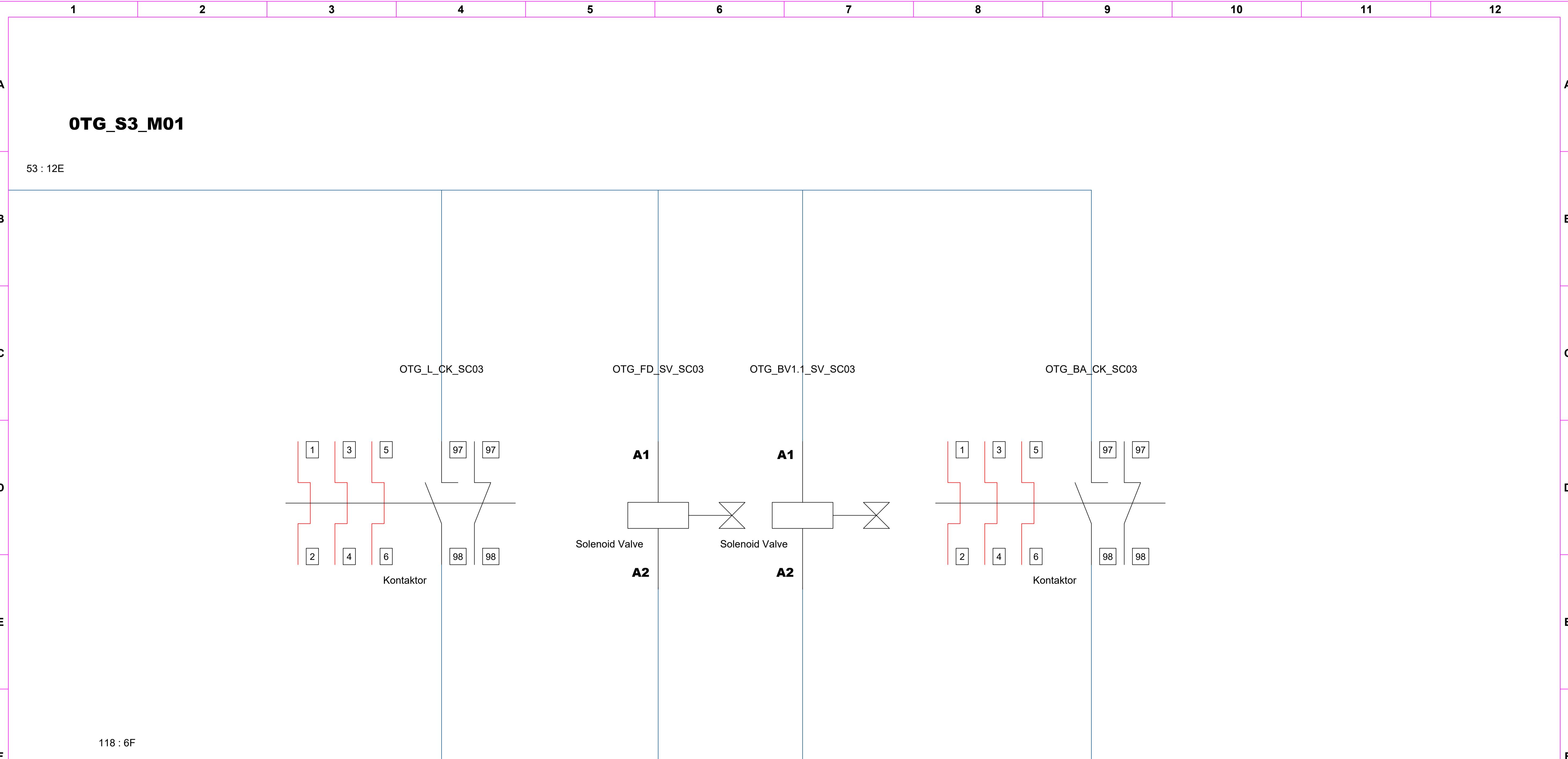
H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA Appr. Norm	WAMGROUP Saint-Gobain WAMGROUP Digital Output 1	Project Address Tile Grouting Sheet No.86 121 Sheet	H							
	4	21-05-2025		Drawn	RAFLI				+							
				Appr.					Sheet No.86							
				Norm		Wiring Control Panel		121 Sheet								
						2	3	4	5	6	7	8	9	10	11	12

1 2 3 4 5 6 7 8 9 10 11 12



Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title <b>Group 0TG_S2_M01</b> Digital Output 1	Project Address Tile Grouting	H			
4	21-05-2025		Drawn	RAFLI					H			
			Appr.									
			Norm		Wiring Control Panel							
		2	3	4	5	6	7	8	9	10	11	12

1 2 3 4 5 6 7 8 9 10 11 12



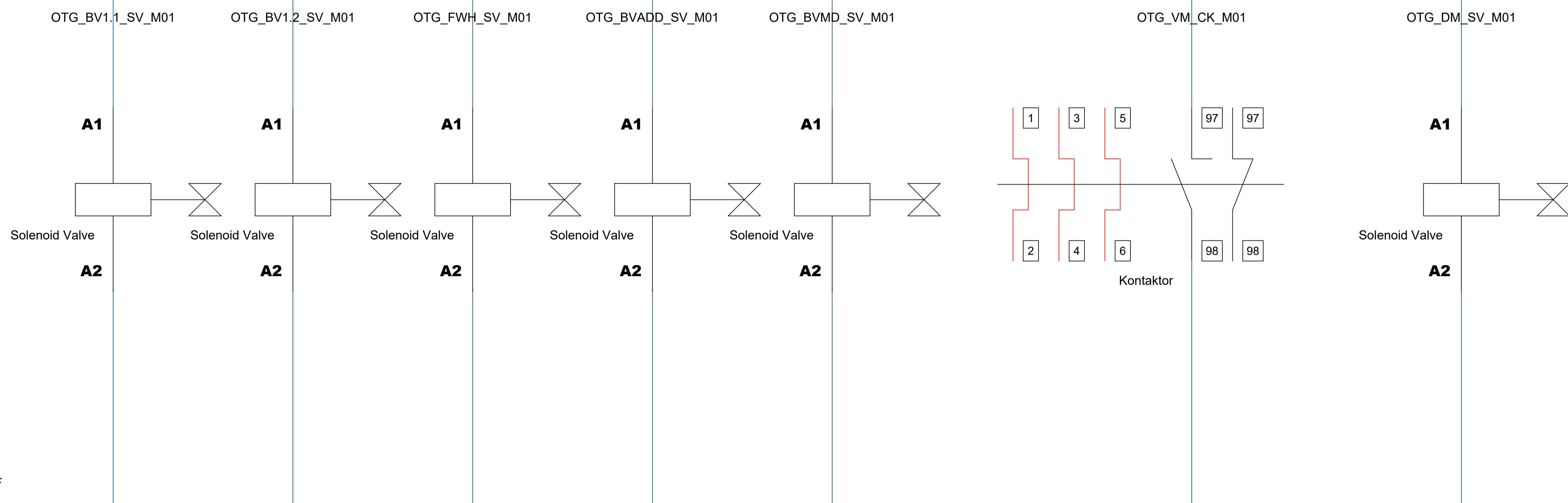
Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title <b>Group OTG_S3_M01</b> Digital Output 1	Project Address Tile Grouting											
4	21-05-2025		Drawn	RAFLI															
			Appr.																
			Norm		Wiring Control Panel				+ Sheet No.88 121 Sheet										
									2	3	4	5	6	7	8	9	10	11	12

1 2 3 4 5 6 7 8 9 10 11 12

## OTG\_WH\_MIX\_M01

53 : 12F

54 : 12B



118 : 6F

COM PLC

H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	WAMGROUP	Title <b>Group OTG_WH_MIX_M01</b> Digital Output 2	Project Address Tile Grouting	
	4	21-05-2025			Drawn					
					Appr.					
				Norm		Wiring Control Panel				
		2	3	4	5	6	7	8	9	10
										11
										12

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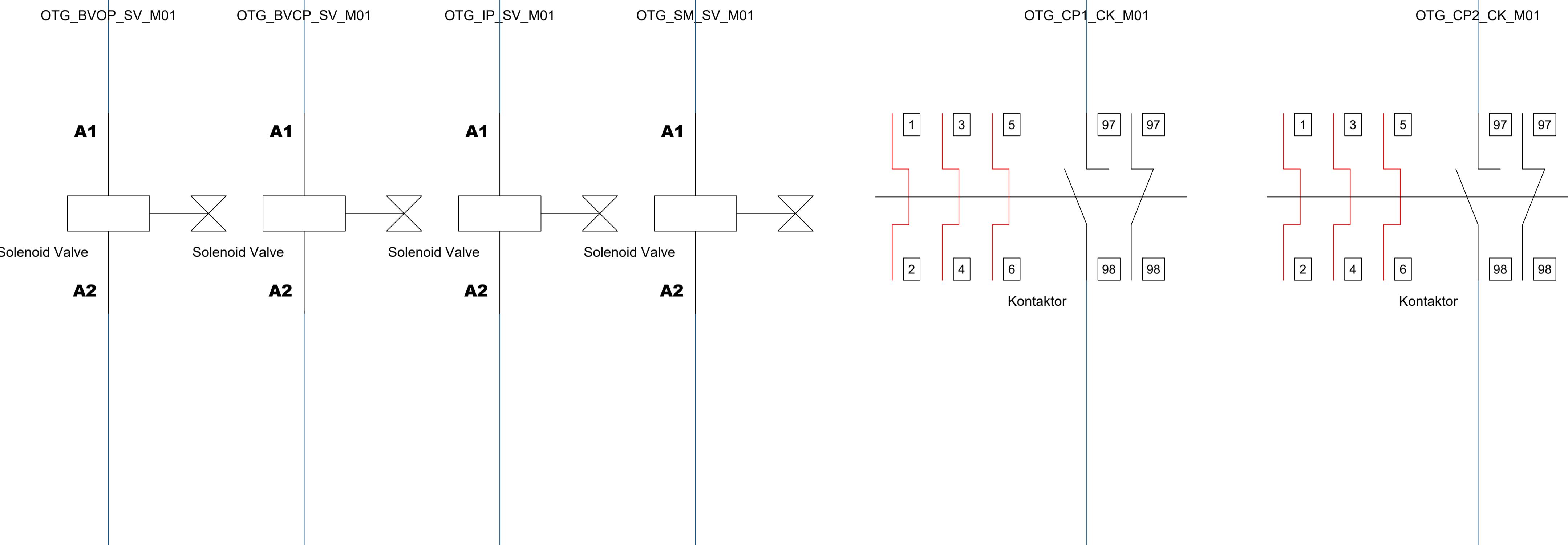
G

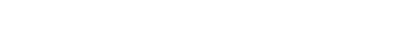
H

+

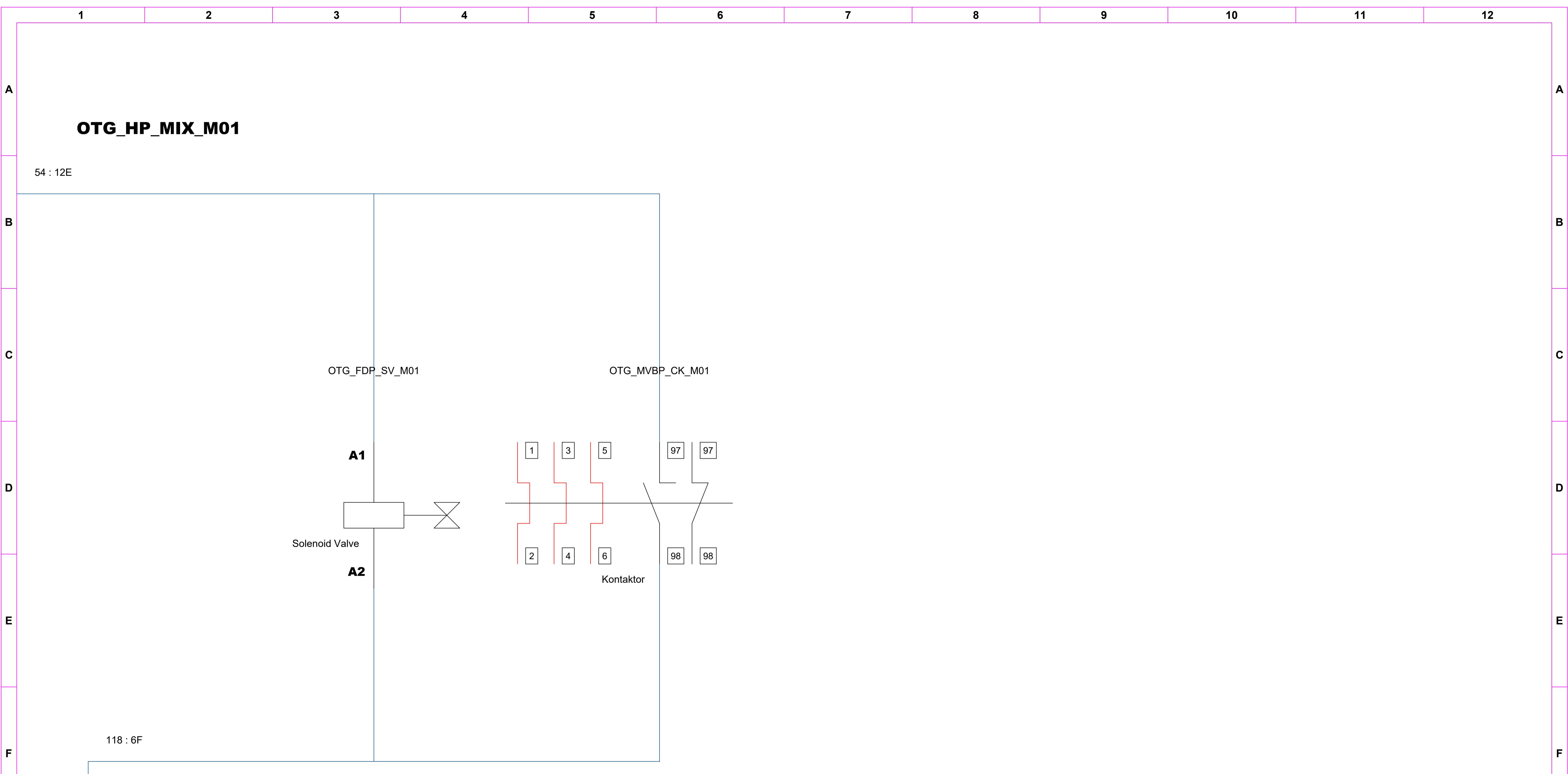
Sheet No.89

121 Sheet



H	<b>Rev.</b>	<b>Date</b>	<b>Remarks</b>	<b>Date</b>	17-10-2024	P.T. CIPTA MORTAR UTAMA	  <b>Group OTG_MIX_M01</b> Digital Output 2	<b>Title</b>	<b>Project</b>	
	4	21-05-2025		<b>Drawn</b>	RAFLI					+
				<b>Appr.</b>						Sheet No.90
				<b>Norm</b>	Wiring Control Panel					121 Sheet

1 2 3 4 5 6 7 8 9 10 11 12



Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title <b>Group OTG_HP_MIX_M01</b> Digital Output 2	Project Address Tile Grouting	H			
4	21-05-2025		Drawn	RAFLI					H			
			Appr.									
			Norm		Wiring Control Panel							
		2	3	4	5	6	7	8	9	10	11	12

1 2 3 4 5 6 7 8 9 10 11 12

A OTG\_RUN\_INV\_MIX\_M01 A

54 : 12F

55 : 12B

B

B

C

C

OTG\_RUN\_INV\_S1\_M01 OTG\_STO\_INV\_S1\_M01 OTG\_RUN\_INV\_S2\_M01 OTG\_STO\_INV\_S2\_M01 OTG\_RUN\_INV\_S3\_M01 OTG\_STO\_INV\_S3\_M01 OTG\_RUN\_INVMIX\_M01 OTG\_STO\_INVMIX\_M01

A1

A1

A1

A1

A1

A1

A1

A1

A1

Solenoid Valve

A2

A2

A2

A2

A2

A2

A2

A2

118 : 6F

COM PLC

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G

H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title <b>Group OTG_RUN_INV_MIX_M01</b> Digital Output 3	Project Address Tile Grouting	
	4	21-05-2025		Drawn	RAFLI					+
				Norm						Sheet No.92
						Wiring Control Panel				121 Sheet
										12

2

3

4

5

6

7

8

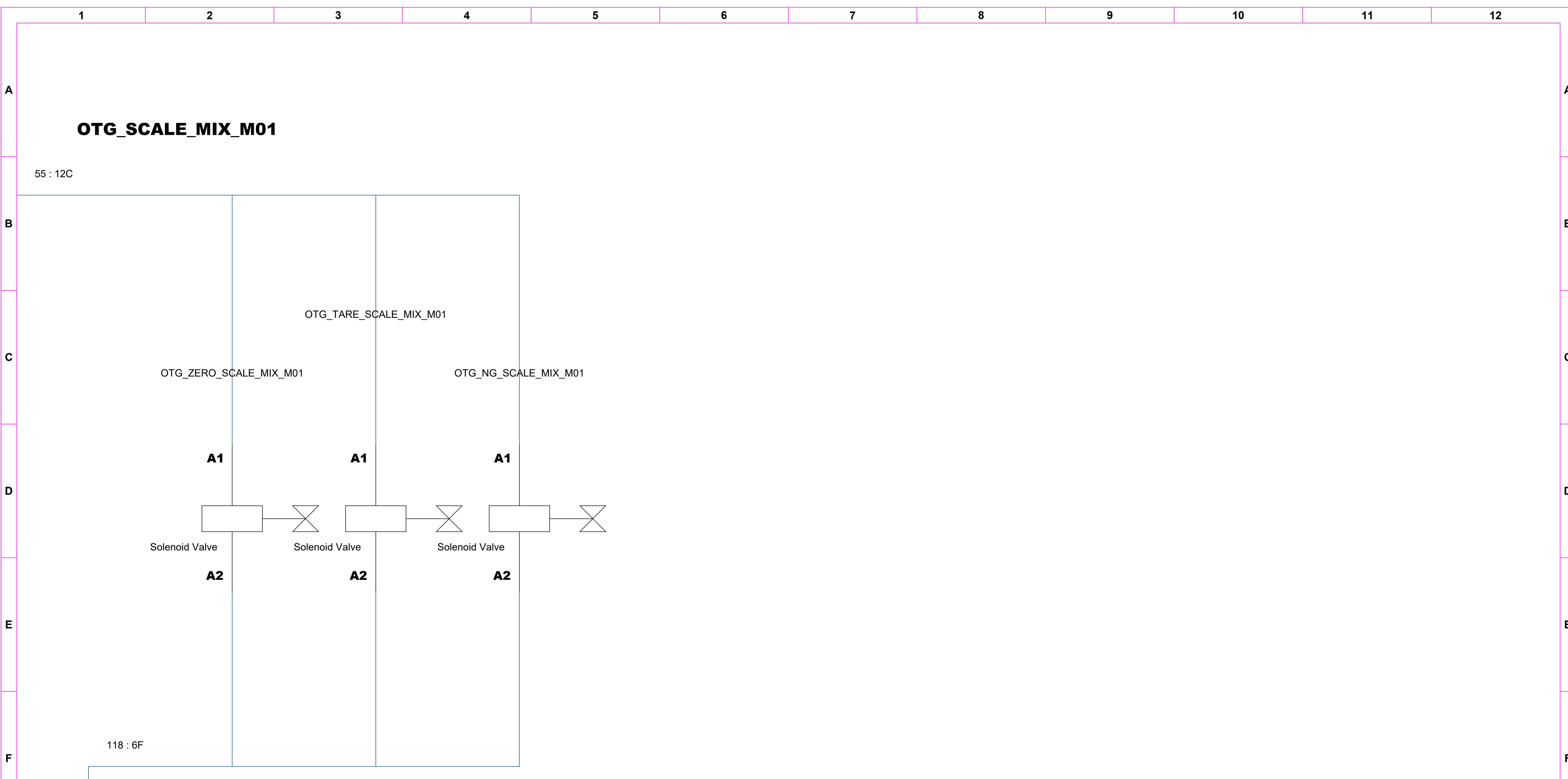
9

10

11

12

1 2 3 4 5 6 7 8 9 10 11 12



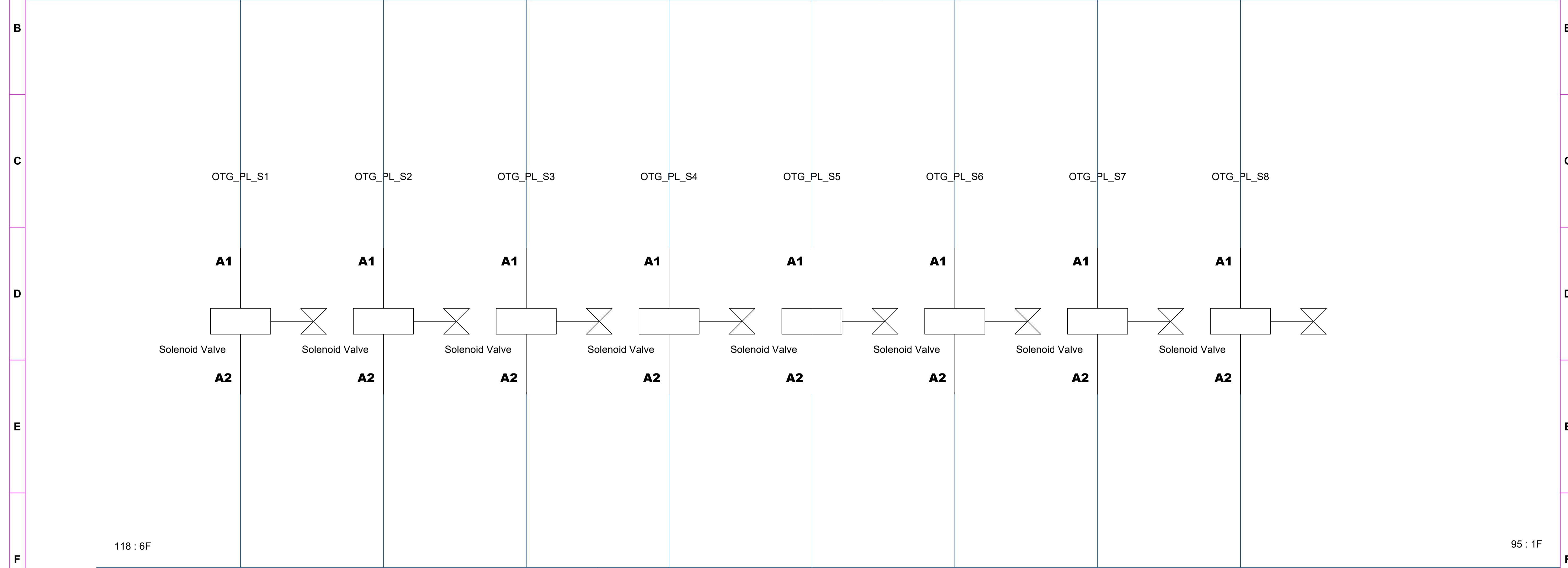
Rev.	Date	Remarks	Date	Drawn	Appr.	Norm	P.T. CIPTA MORTAR UTAMA	AMU mortar utama SAINT-GOBAIN	Title	Project	
4	21-05-2025			RAFLI					Group OTG_SCALE_MIX_M01	Digital Output 3	Address Tile Grouting
											+
											Sheet No.93
											121 Sheet
	2	3	4	5	6	7	8	9	10	11	12

1 2 3 4 5 6 7 8 9 10 11 12

## PILOT LAMP ALL

55 : 12E

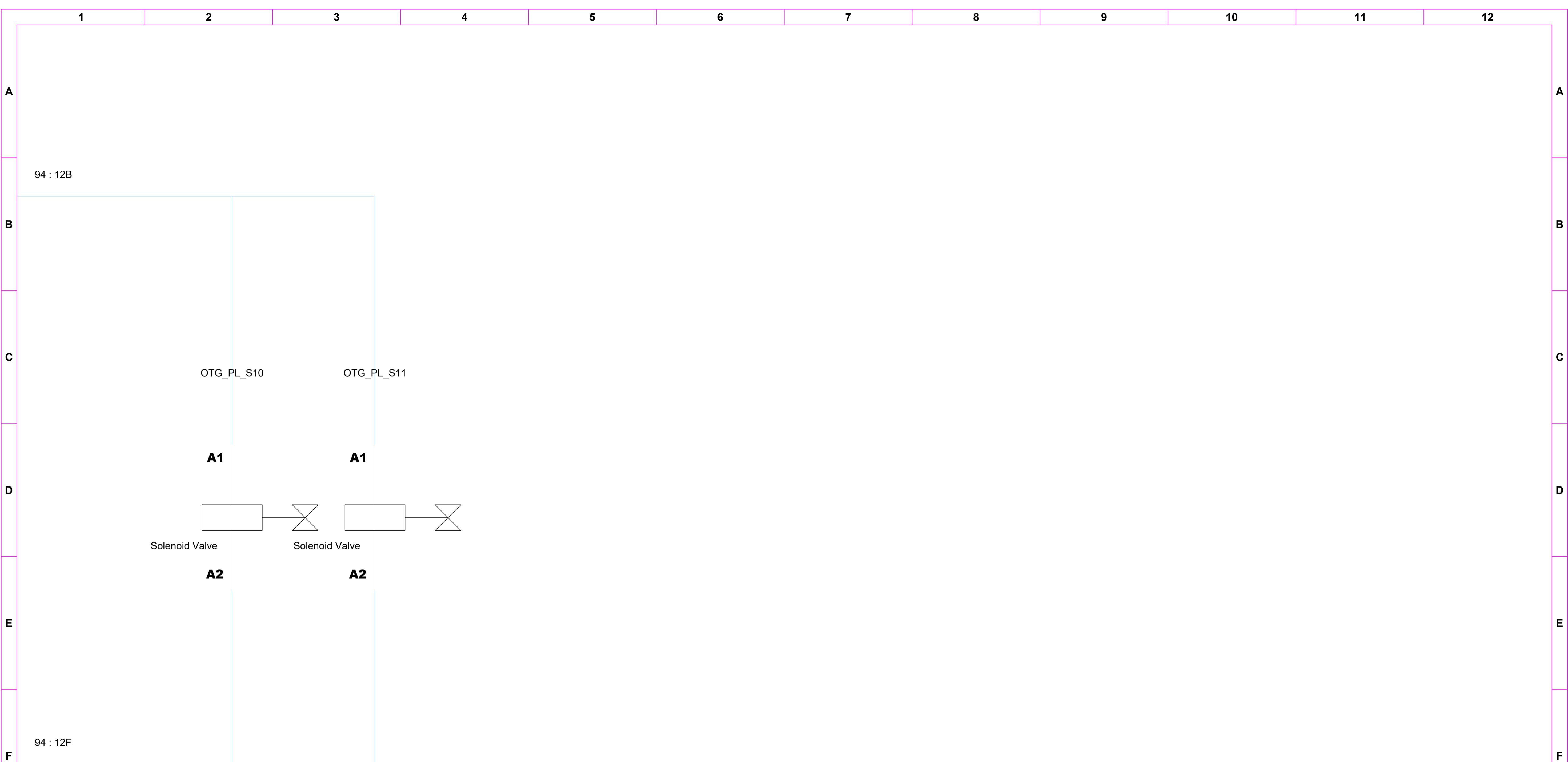
95 : 1B



95 : 1F

COM PLC

Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title <b>Group PILOT LAMP ALL</b> Digital Output 3	Project Address Tile Grouting							
4	21-05-2025		Drawn	RAFLI											
			Appr.												
			Norm		Wiring Control Panel				+ Sheet No.94 121 Sheet						
					2	3	4	5	6	7	8	9	10	11	12



H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA  Wiring Control Panel	MU mortar utama SAINT-GOBAIN	Title  Group PILOT LAMP ALL Digital Output 3	Project  Address Tile Grouting		H	
4	21-05-2025			Drawn	RAFLI					+ Sheet No.95		
				Appr.						121 Sheet		
				Norm								
		2	3	4	5	6	7	8	9	10	11	12

1 2 3 4 5 6 7 8 9 10 11 12

A

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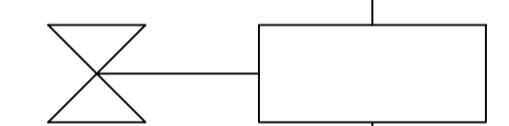
H

**OXP\_S03.2\_M02**

56 : 1A

OXP\_BV1.1\_SV\_SC03.2

**A1**



Solenoid Valve

**A2**

118 : 6F

COM PLC

Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	<b>AMU</b> mortar utama SAINT-GOBAIN	Title	WAMGROUP	Project	
4	21-05-2025		Drawn	RAFLI					Pro-X Batching	+
			Appr.							Sheet No.96
			Norm		Wiring Control Panel					121 Sheet

**Group OXP\_S03.2\_M02**

Digital Output 1

2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

A

B

C

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E

F

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A

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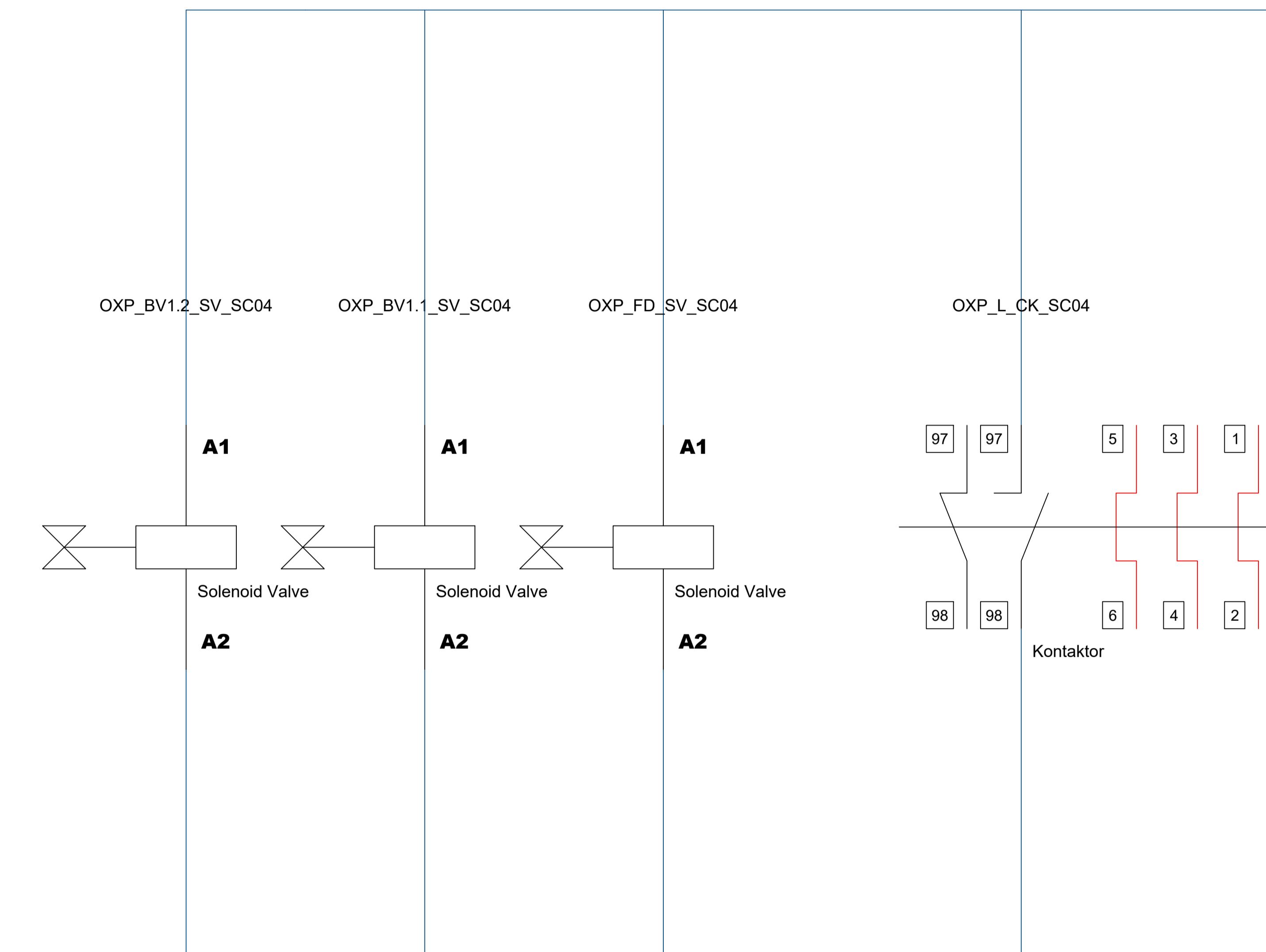
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## OXP\_S04\_M02

56 : 1B



118 : 6F

COM PLC

P.T. CIPTA MORTAR UTAMA  
SAINT-GOBAIN



WAMGROUP<sup>®</sup>

**Group OXP\_S04\_M02**  
Digital Output 1

Project

Pro-X Batching

+
Sheet No.97
121 Sheet

Rev.	Date	Remarks	Date	Drawn	Appr.	Norm	Wiring Control Panel	Title	Project	
4	21-05-2025			RAFLI					Pro-X Batching	
										+
										Sheet No.97
										121 Sheet

2

3

4

5

6

7

8

9

10

11

12

1 2 3 4 5 6 7 8 9 10 11 12

A

B

C

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F

G

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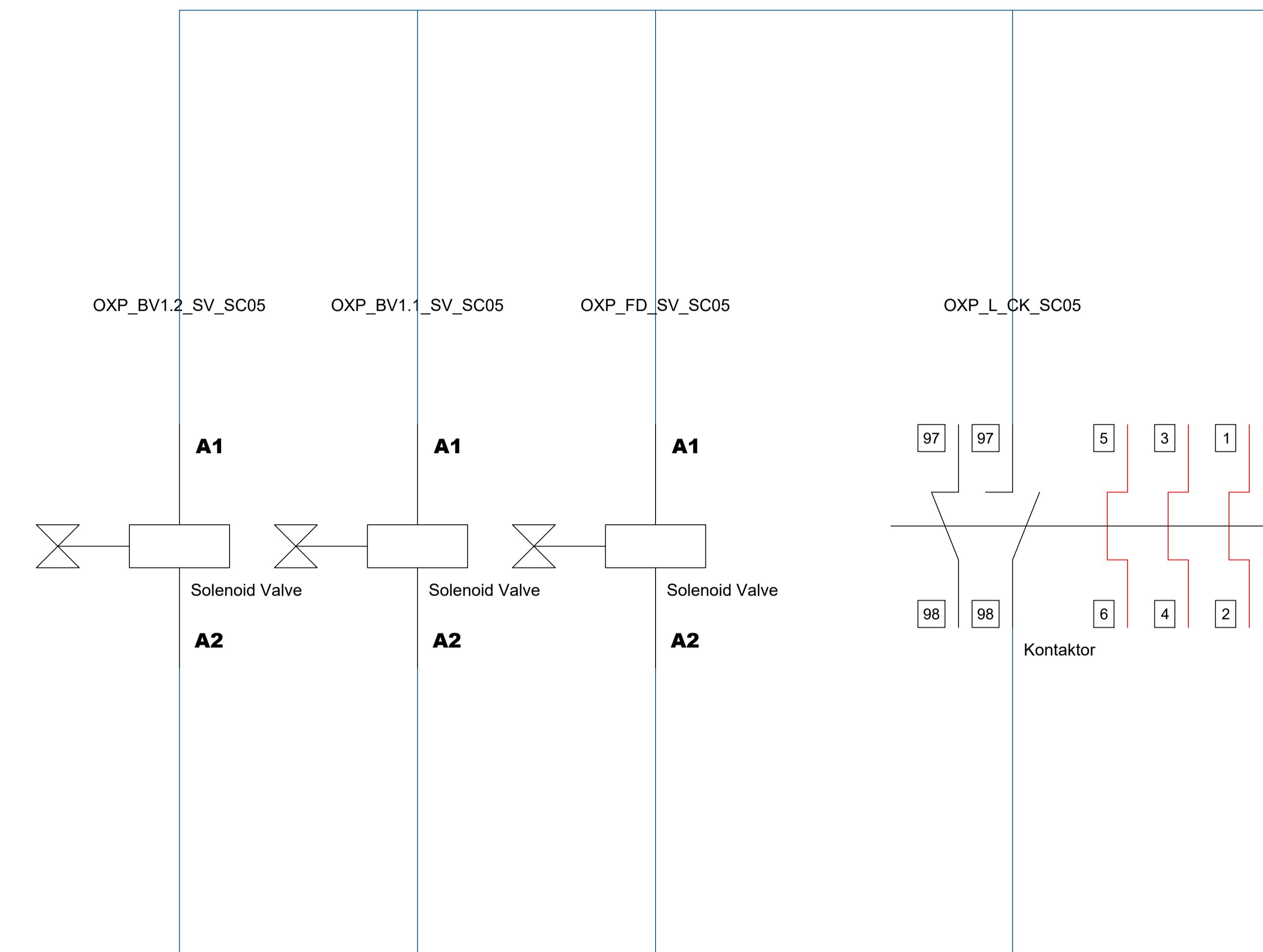
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## OXP\_S05\_M02

56 : 1C



118 : 6F

COM PLC

Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA		Title	Project	
	4	21-05-2025		Drawn					+
			Norm		Wiring Control Panel				Sheet No.98
									121 Sheet

2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

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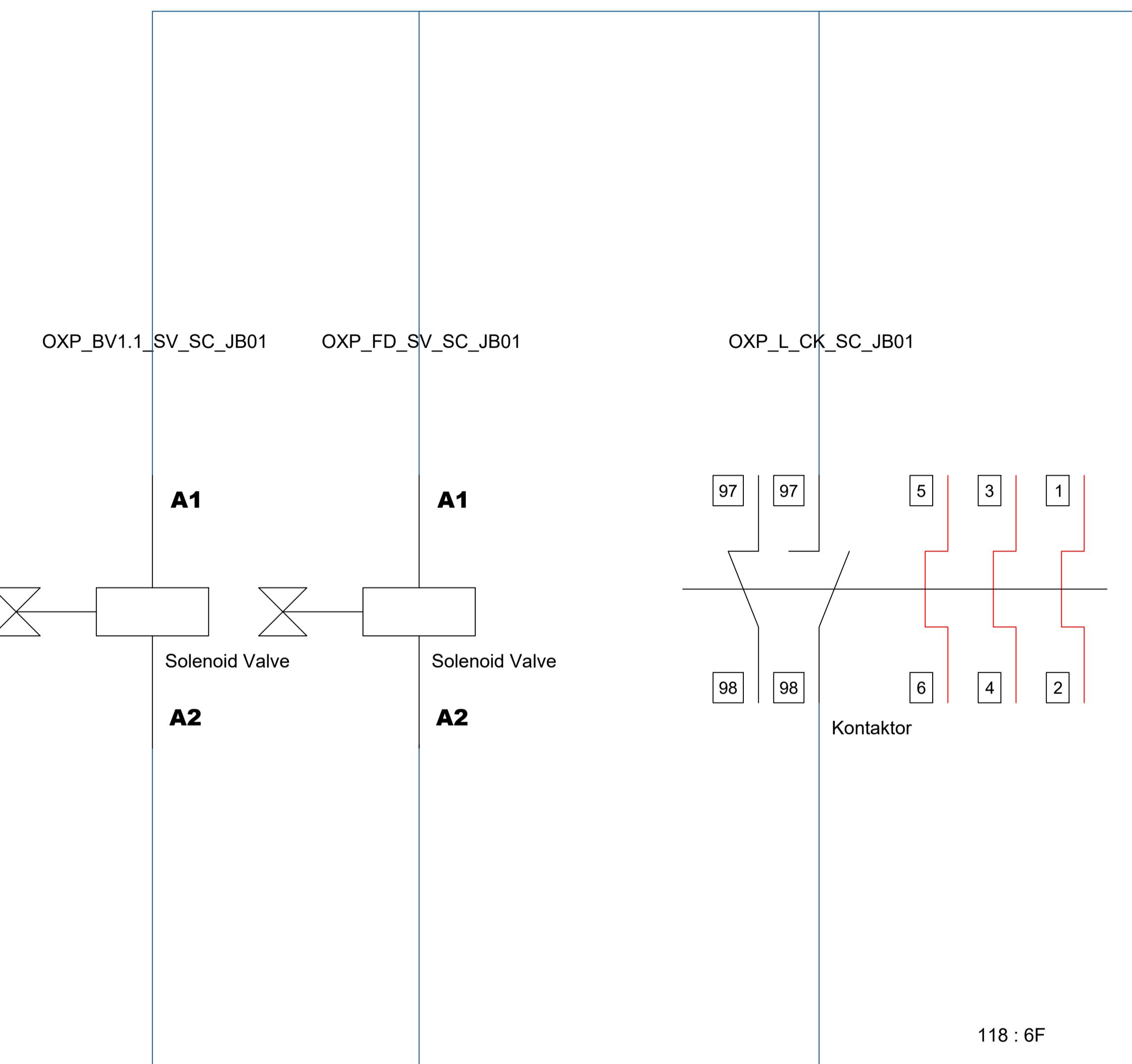
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## OXP\_JB01\_M02

56 : 1D



Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA Appr. Norm	WAMGROUP SAINT-GOBAIN	Title  Group OXP_JB01_M02 Digital Output 1	Project Pro-X Batching	
4	21-05-2025			Drawn RAFLI					+
									Sheet No.99
									121 Sheet

2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

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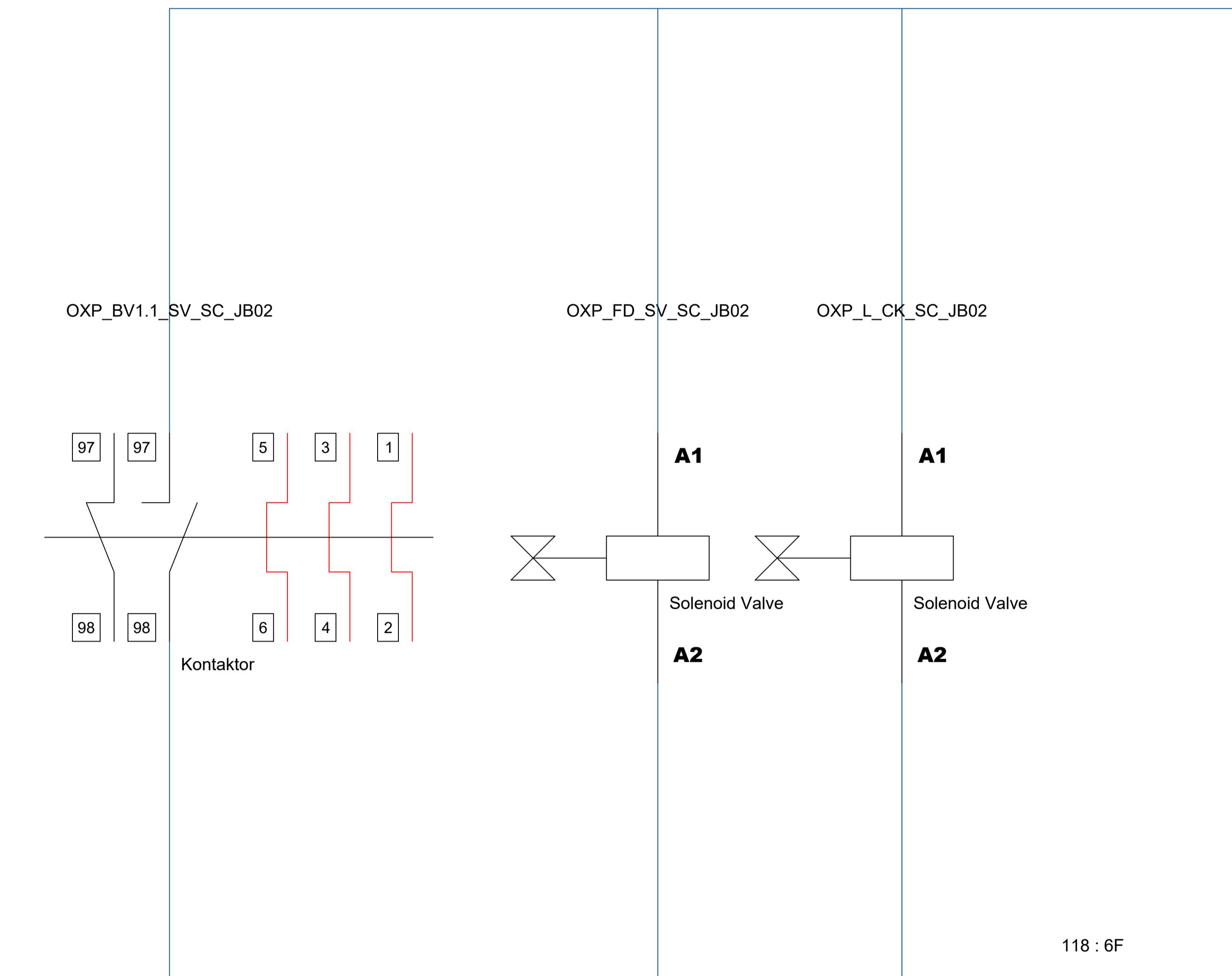
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## OXP\_JB02\_M02

56 : 1E

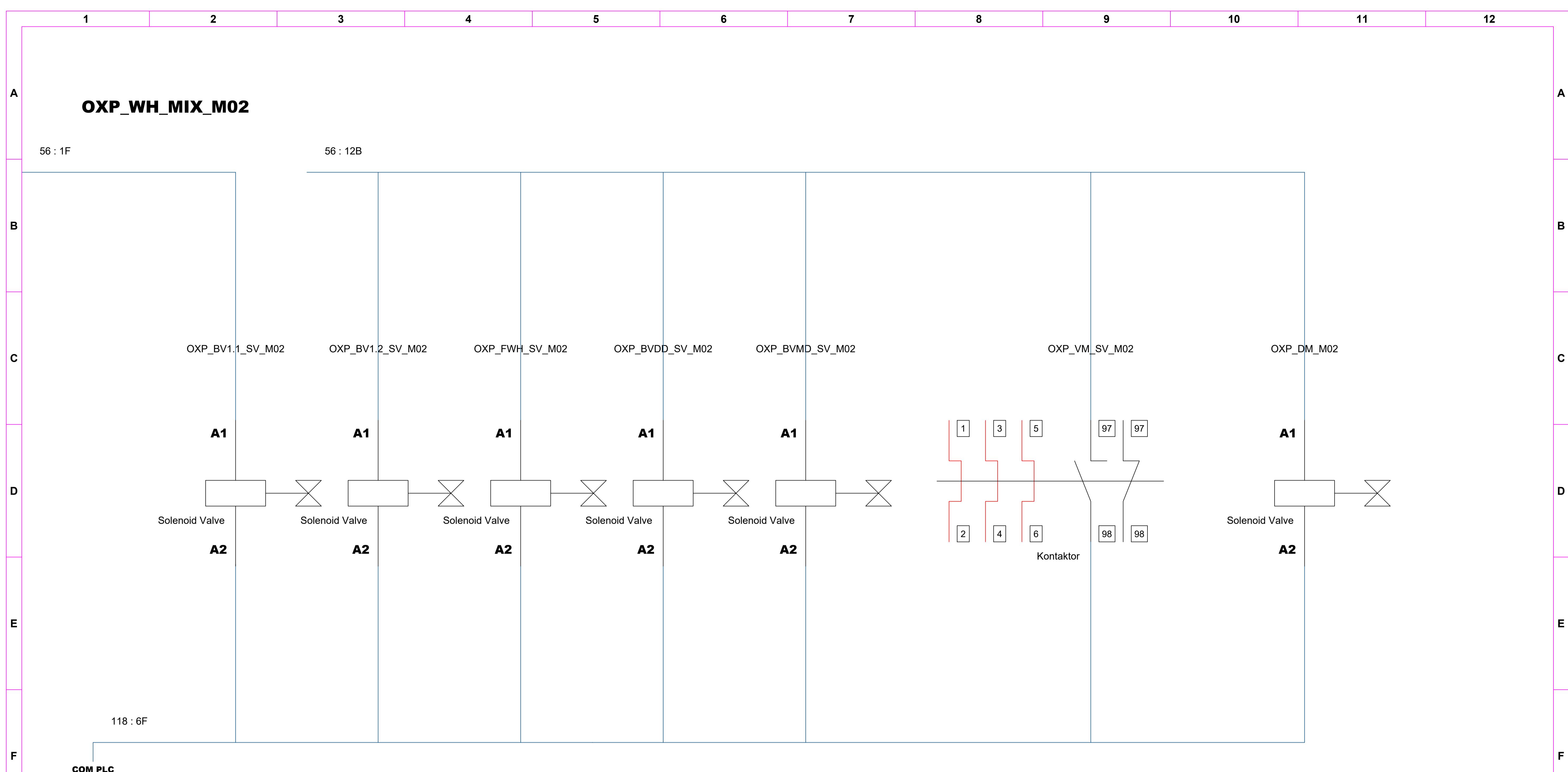


118 : 6F

COM PLC

Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA		Title	WAMGROUP	Project				
4	21-05-2025		Drawn	RAFLI						+			
			Appr.							Sheet No.100			
			Norm		Wiring Control Panel				Pro-X Batching	121 Sheet			
			2	3	4	5	6	7	8	9	10	11	12

1 2 3 4 5 6 7 8 9 10 11 12



H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	WAMGROUP <sup>®</sup>	Title <b>Group OXP_WH_MIX_M02</b> Digital Output 1	Project Pro-X Batching					
	4	21-05-2025		Drawn	RAFLI									
				Appr.										
				Norm		Wiring Control Panel								
				2	3	4	5	6	7	8	9	10	11	12

121 Sheet

1 2 3 4 5 6 7 8 9 10 11 12

## OXP\_MIX\_M02

56 : 12D

B

OXP\_BVOP\_SV\_M02 OXP\_BVCP\_SV\_M02 OXP\_IP\_SV\_M02 OXP\_SM\_SV\_M02

A1

A1

A1

A1

Solenoid Valve Solenoid Valve Solenoid Valve Solenoid Valve

A2

A2

A2

A2

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118 : 6F

COM PLC

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H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP <sup>®</sup>	Title <b>Group OXP_MIX_M02</b> Digital Output 1	Project Pro-X Batching	
	4	21-05-2025		Drawn	RAFLI				Norm	Wiring Control Panel
										+
										Sheet No.102
										121 Sheet

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**OXP\_HP\_MIX\_M02**

56 : 12E

**B****A****C****B****D****C**

OXP\_FDP\_SV\_M02 OXP\_MVBP\_CK\_M02 OXP\_DIV\_SV\_M02 OXP\_BVHP1.1\_SV\_M02 OXP\_BVHP1.2\_SV\_M02 OXP\_BVHP1.3\_SV\_M02

**A1****A1****A1****A1****A1****A1****A1**

Solenoid Valve

Solenoid Valve

Solenoid Valve

Solenoid Valve

Solenoid Valve

Solenoid Valve

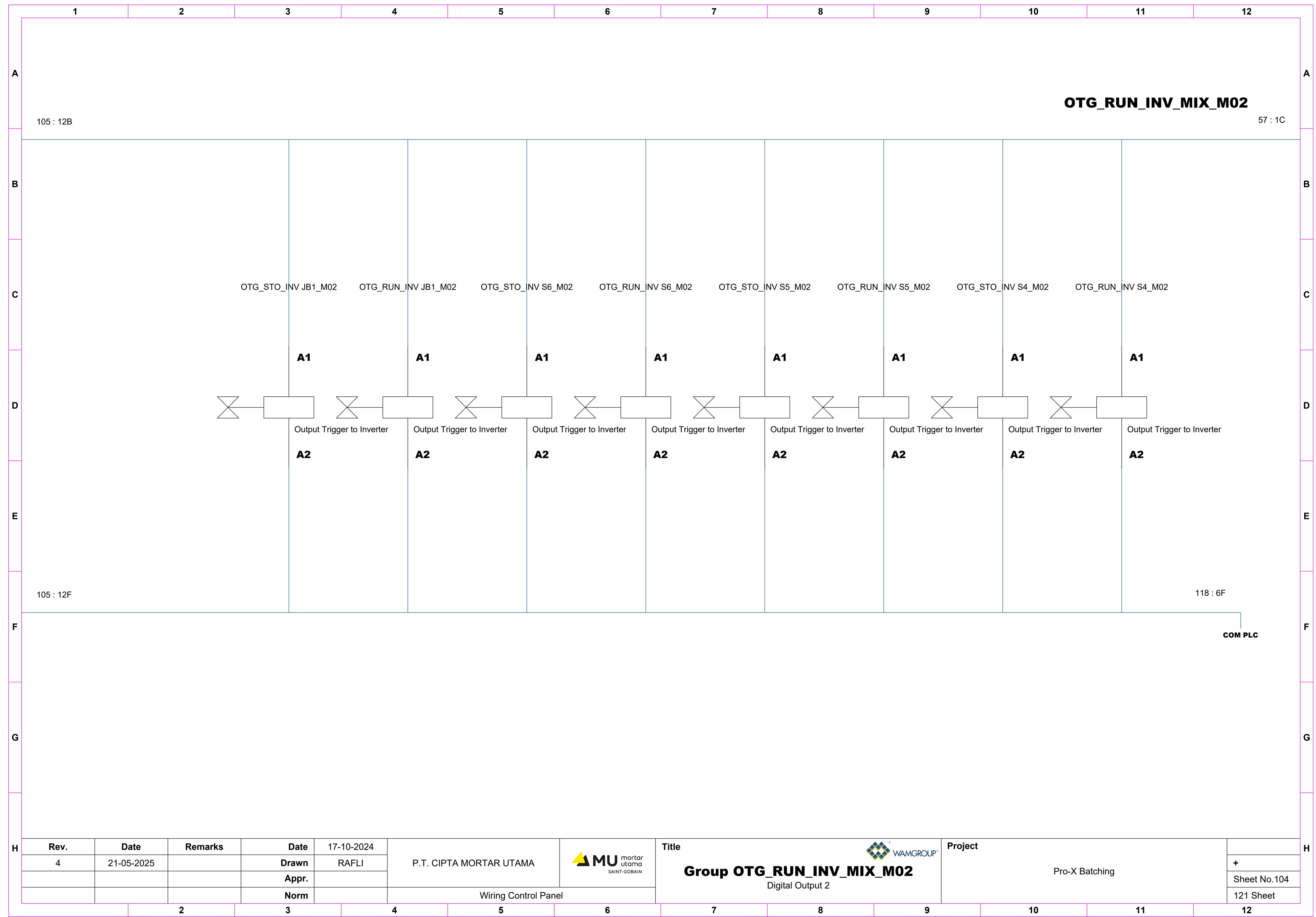
**A2****A2****A2****A2****A2****A2****A2**

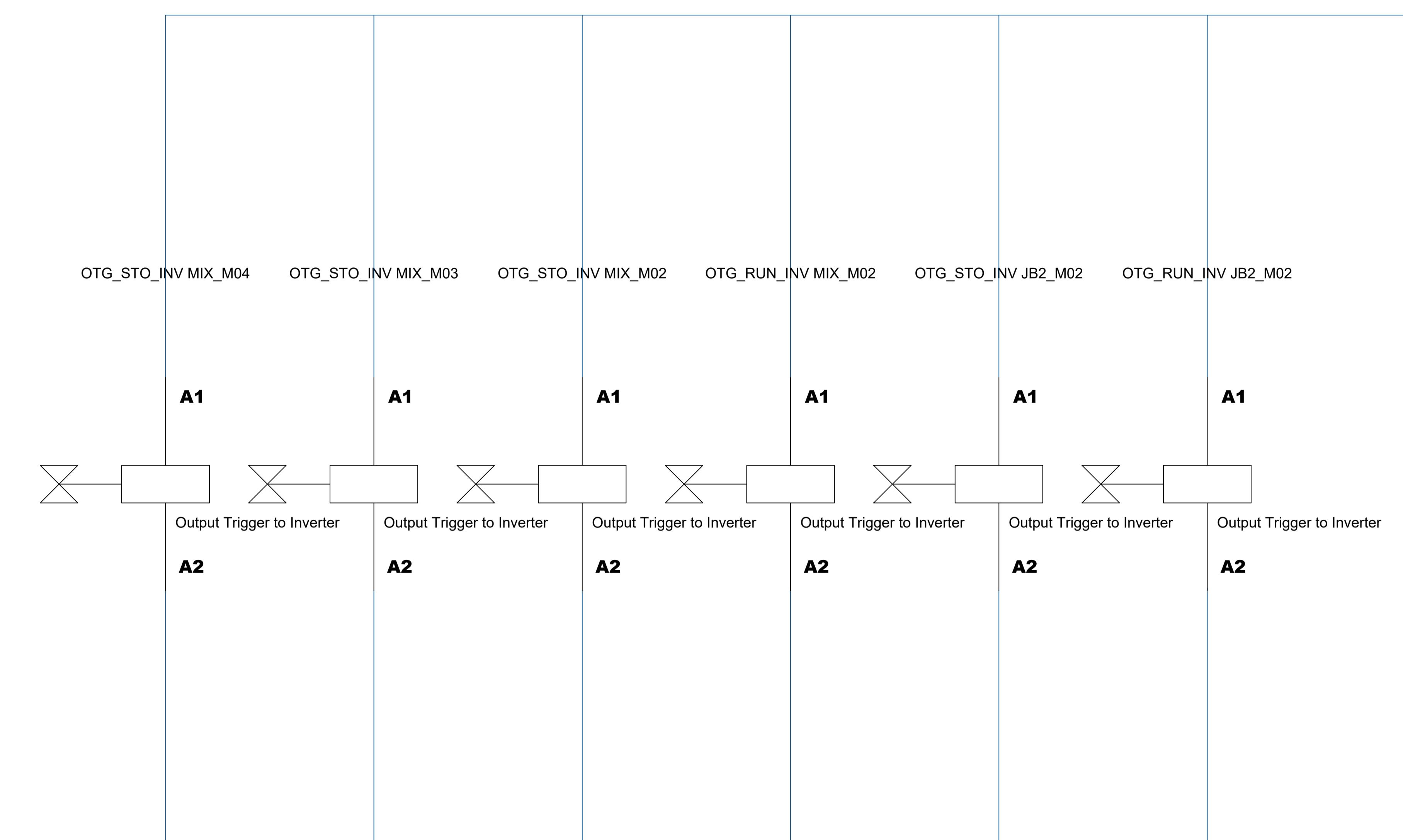
118 : 6F

COM PLC

**G****D****H****E****F****G****H**

Rev.	Date	Remarks	Date	Drawn	RAFLI	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title	Project	
4	21-05-2025			Appr.				Group OXP_HP_MIX_M02 Digital Output 1	Pro-X Batching	+
				Norm		Wiring Control Panel				Sheet No.103
										121 Sheet





H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA Appr.	WAMGROUP mortar utama SAINT-GOBAIN	Title <b>Group OTG_RUN_INV_MIX_M02</b> Digital Output 2	Project Pro-X Batching	
	4	21-05-2025		Drawn RAFLI						
				Norm						
										+ Sheet No.105 121 Sheet

# OTG\_SCALE\_MIX\_M02

57 : 1B

57 : 12B

OTG\_ZERO\_SCALE\_MIX\_M02

OTG\_TARE\_SCALE\_MIX\_M02

OTG\_NG\_SCALE\_MIX\_M02\_DIV\_SV\_M02

**A1****A1****A1**

Zero Indikator

Tare Indikator

Net Gross Indikator

**A2****A2****A2**

118 : 6F

COM PLC

H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA  WAMGROUP	Title	Project Pro-X Batching Digital Output 2		H
	4	21-05-2025		Drawn	RAFLI					
				Appr.						
				Norm		Wiring Control Panel			+ Sheet No.106 121 Sheet	

A

**OTG\_PINCH\_SILO**

57 : 12D

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OTG\_BV\_PINCH\_S1      OTG\_BV\_PINCH\_S2      OTG\_BV\_PINCH\_S3      OTG\_BV\_PINCH\_S4      OTG\_BV\_PINCH\_S5      OTG\_BV\_PINCH\_S6      OTG\_BV\_PINCH\_S7      OTG\_BV\_PINCH\_S8      OTG\_BV\_PINCH\_S9

**A1****A1****A1****A1****A1****A1****A1****A1****A1****A1**

Solenoid Valve

**A2****A2****A2****A2****A2****A2****A2****A2****A2****A2**

118 : 6F

COM PLC

H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 <b>WAMGROUP</b> <b>Group OTG_PINCH_SILO</b> Digital Output 2	Project Pro-X Batching		H
	4	21-05-2025			Drawn				+	
					Appr.				Sheet No.107	
				Norm		Wiring Control Panel			121 Sheet	

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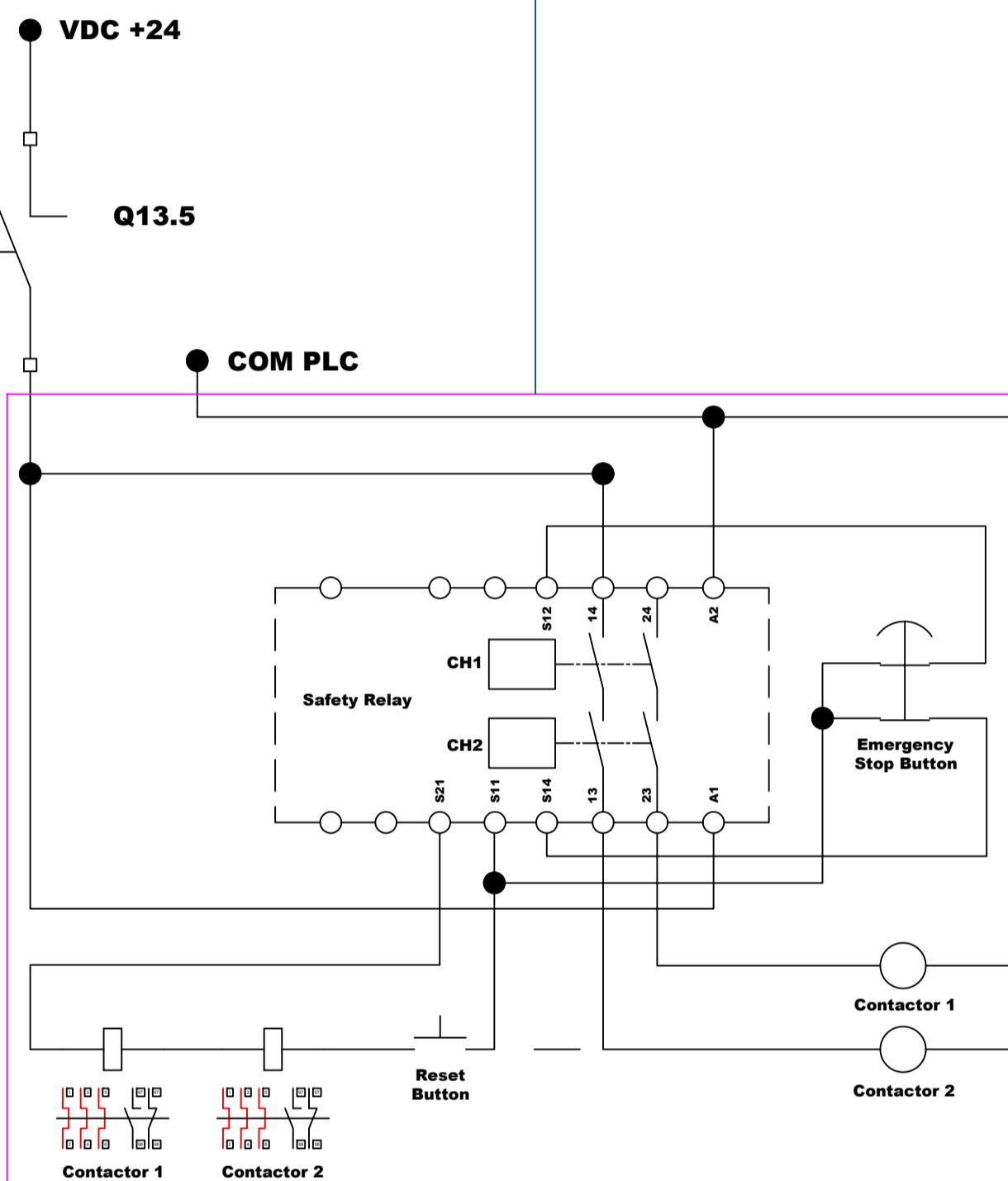
12

1 2 3 4 5 6 7 8 9 10 11 12

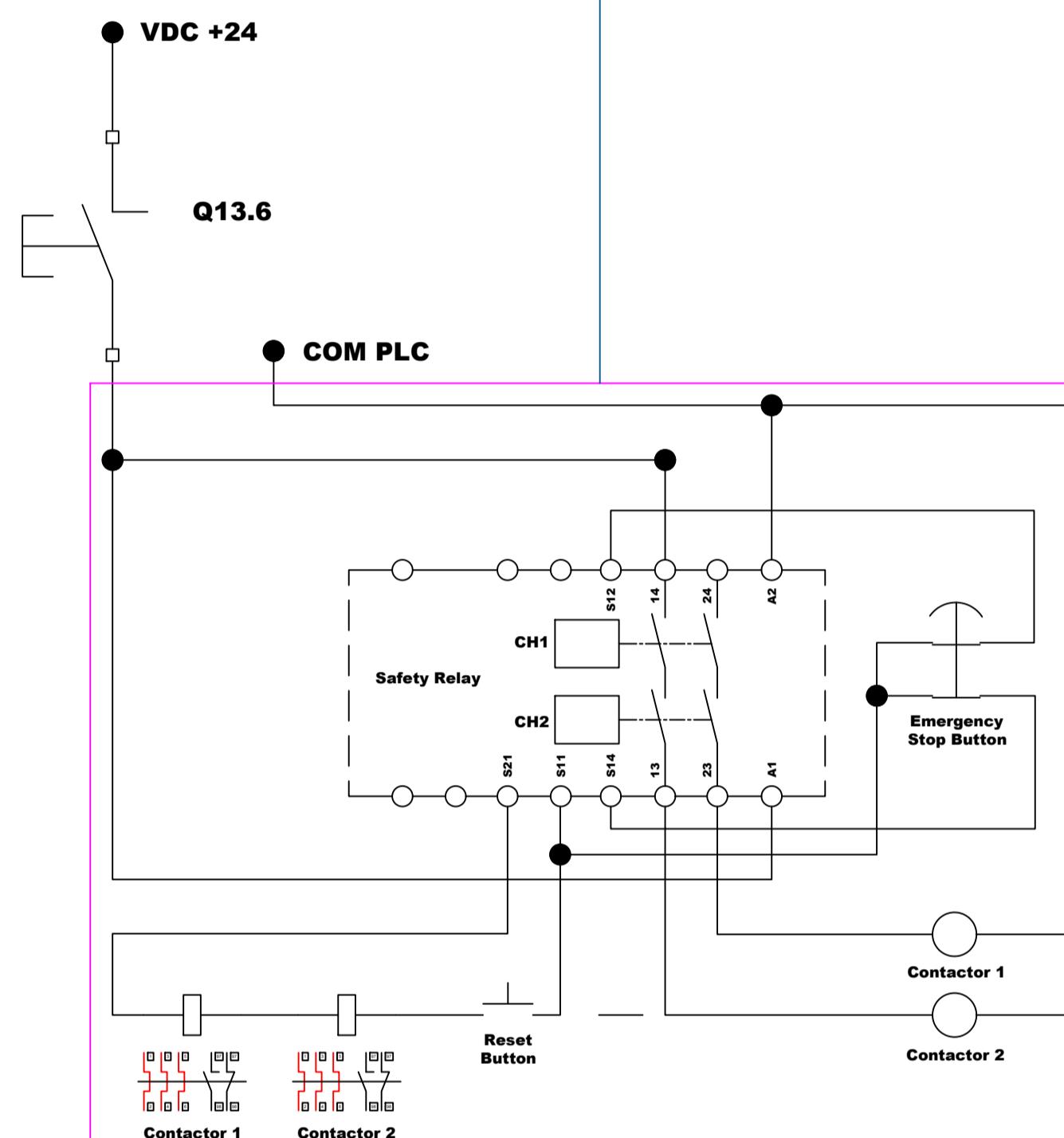
## RELAY

57 : 12F

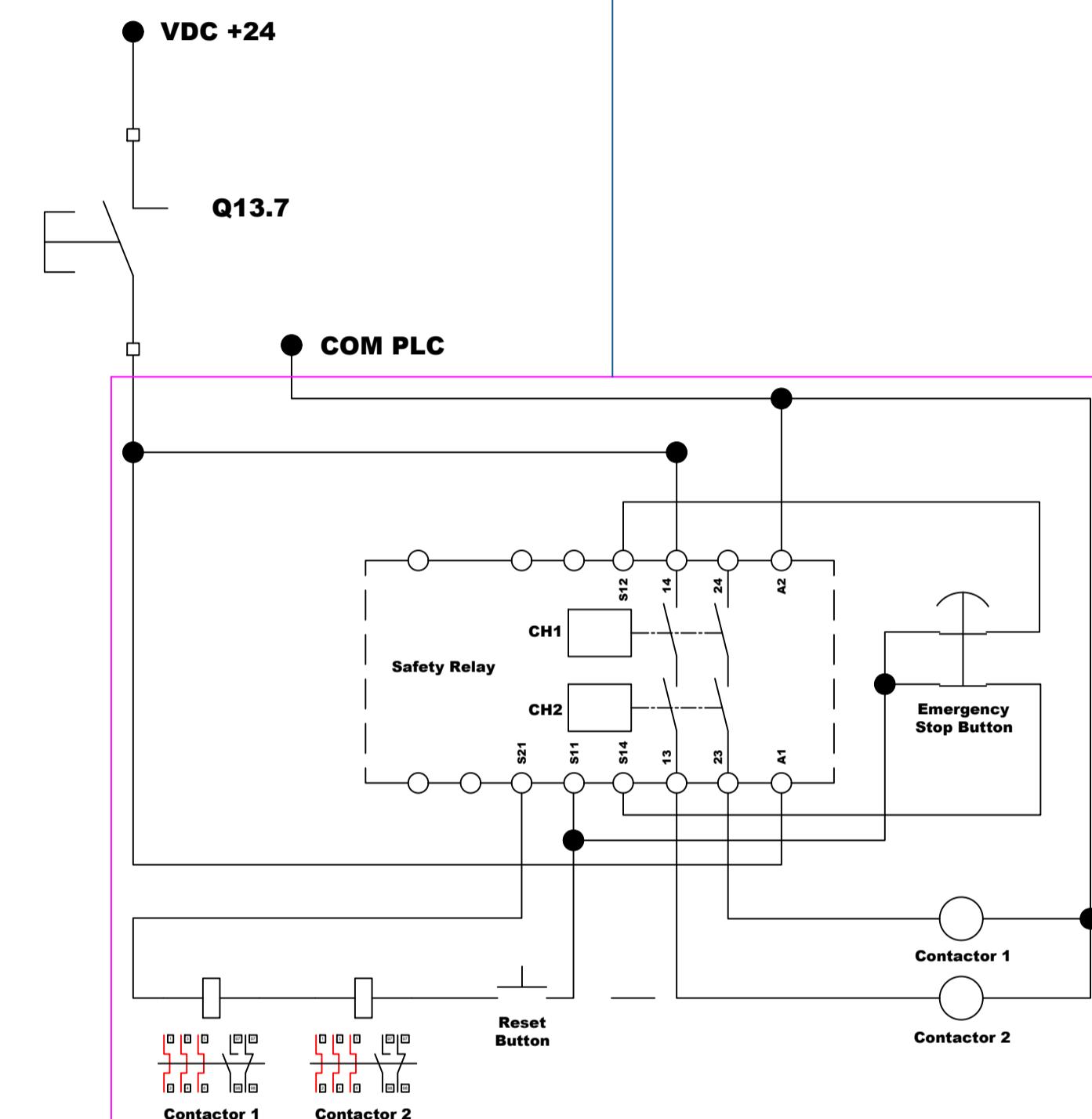
B



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118 : 6F

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COM PLC

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H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	WAMGROUP	Title Group RELAY Digital Output 2	Project Pro-X Batching		H
	4	21-05-2025		Drawn	RAFLI						
				Appr.							
				Norm		Wiring Control Panel					

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Sheet No.108

121 Sheet

Group RELAY  
Digital Output 2

Pro-X Batching

1 2 3 4 5 6 7 8 9 10 11 12

## ONS\_S07\_M03

58 : 12B

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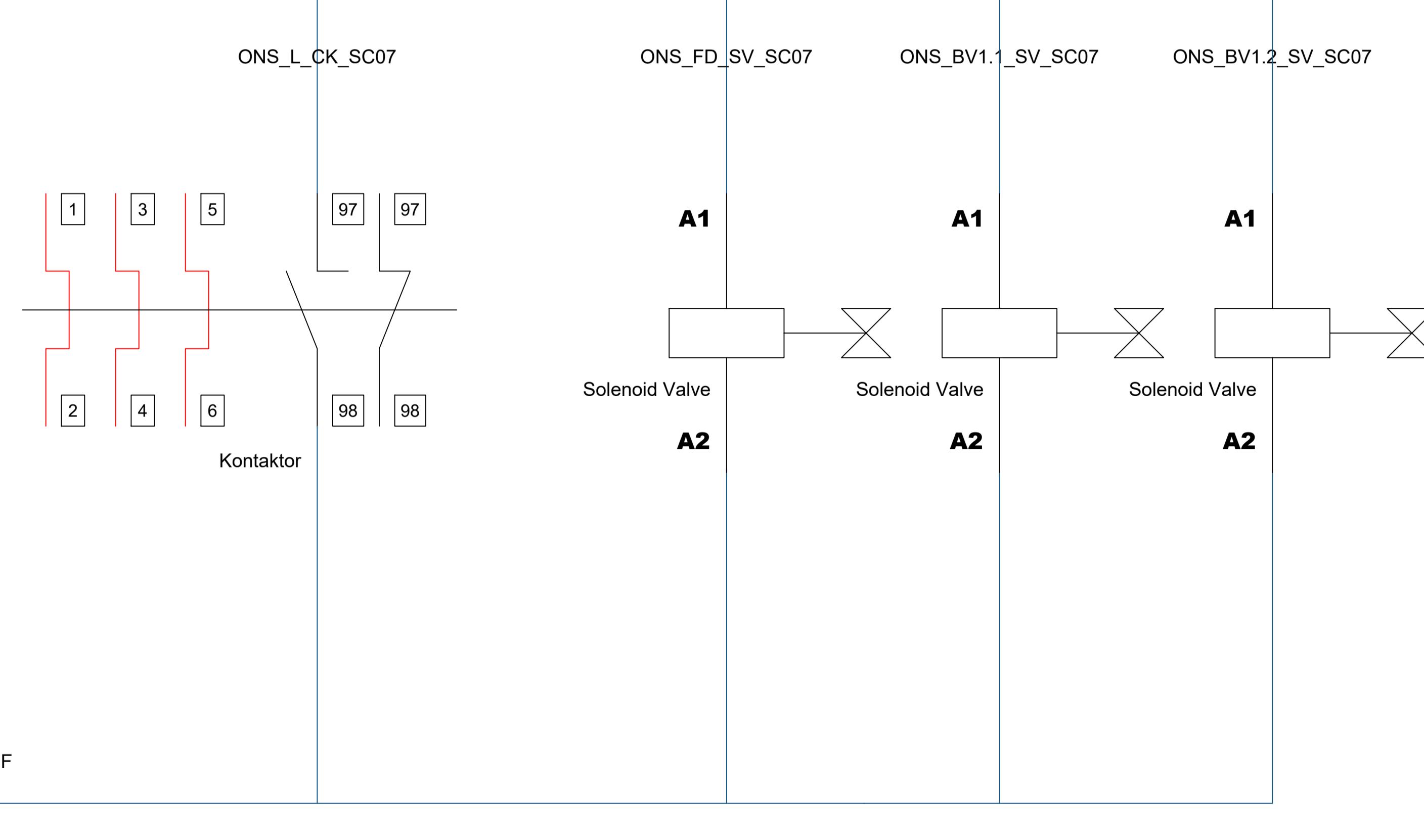
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Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title Group ONS_S07_M03 Digital Output 1	Project Non Sanded Batching	
4	21-05-2025		Drawn	RAFLI					+
			Appr.						Sheet No.109
			Norm		Wiring Control Panel				121 Sheet

2 3 4 5 6 7 8 9 10 11 12

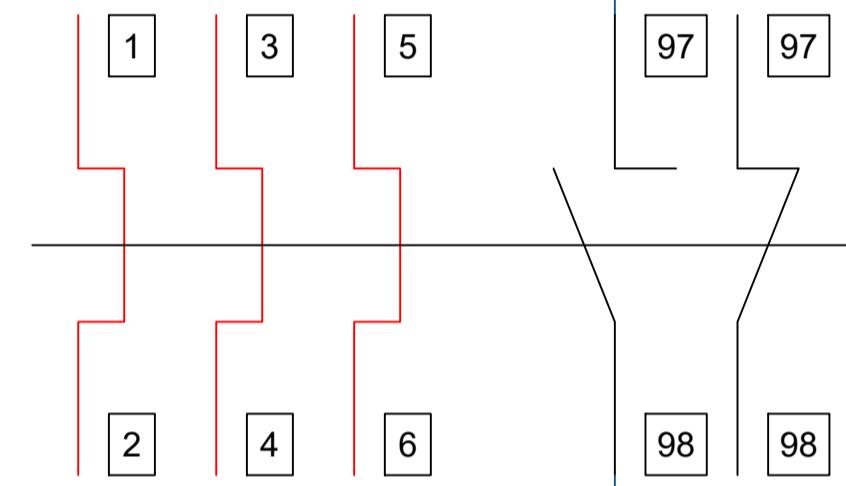
1 2 3 4 5 6 7 8 9 10 11 12

## ONS\_S08\_M03

58 : 12C

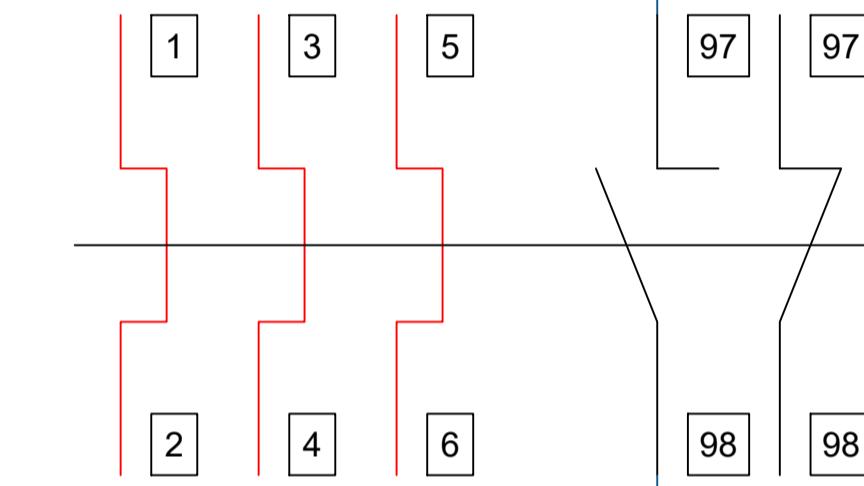
B

ONS\_L\_CK\_SC08



Kontaktor

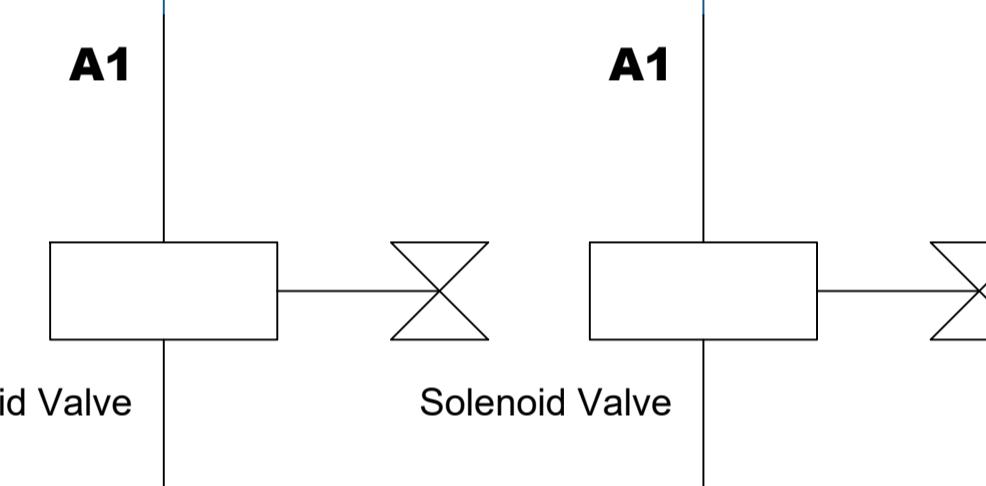
ONS\_BV\_VM\_SC08



Kontaktor

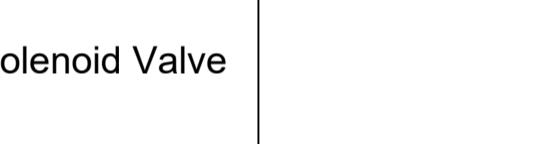
ONS\_BV1.1\_SV\_SC08

Solenoid Valve



ONS\_BV1.2\_SV\_SC08

Solenoid Valve



118 : 6F

COM PLC

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H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title Group ONS_S08_M03 Digital Output 1	Project Non Sanded Batching		H
	4	21-05-2025		Drawn	RAFLI					+	
				Appr.						Sheet No.110	
				Norm		Wiring Control Panel				121 Sheet	

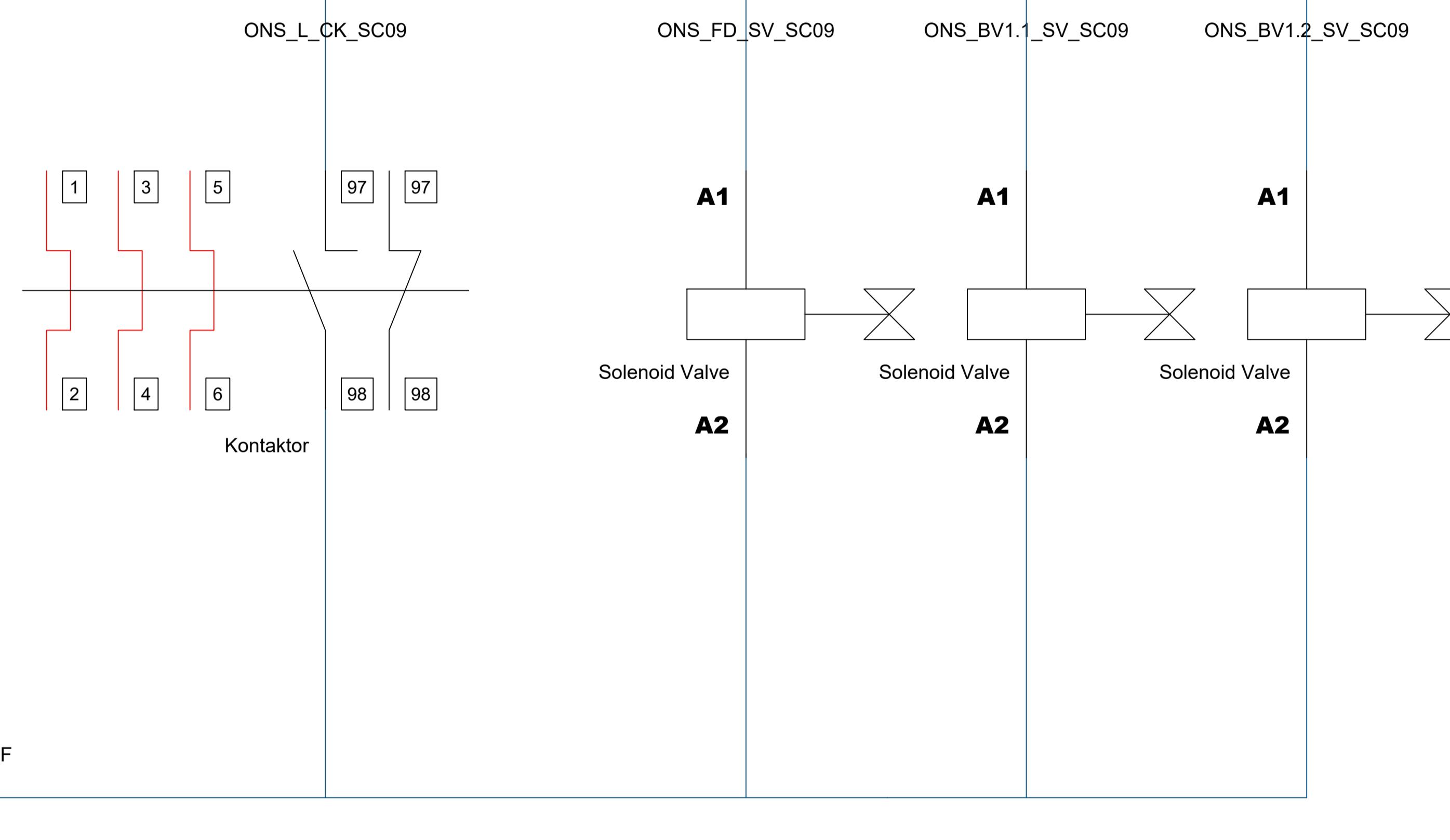
2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

## ONS\_S09\_M03

58 : 12E

B



ONS\_L\_CK\_SC09

ONS\_FD\_SV\_SC09

ONS\_BV1.1\_SV\_SC09

ONS\_BV1.2\_SV\_SC09

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COM PLC

118 : 6F

Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title Group ONS_S09_M03 Digital Output 1	Project Non Sanded Batching		
4	21-05-2025		Drawn	RAFLI			Norm	Wiring Control Panel	+	Sheet No.111
				<th data-kind="ghost"></th> <th data-kind="ghost"></th> <th></th> <th></th> <th></th> <th>121 Sheet</th>						121 Sheet

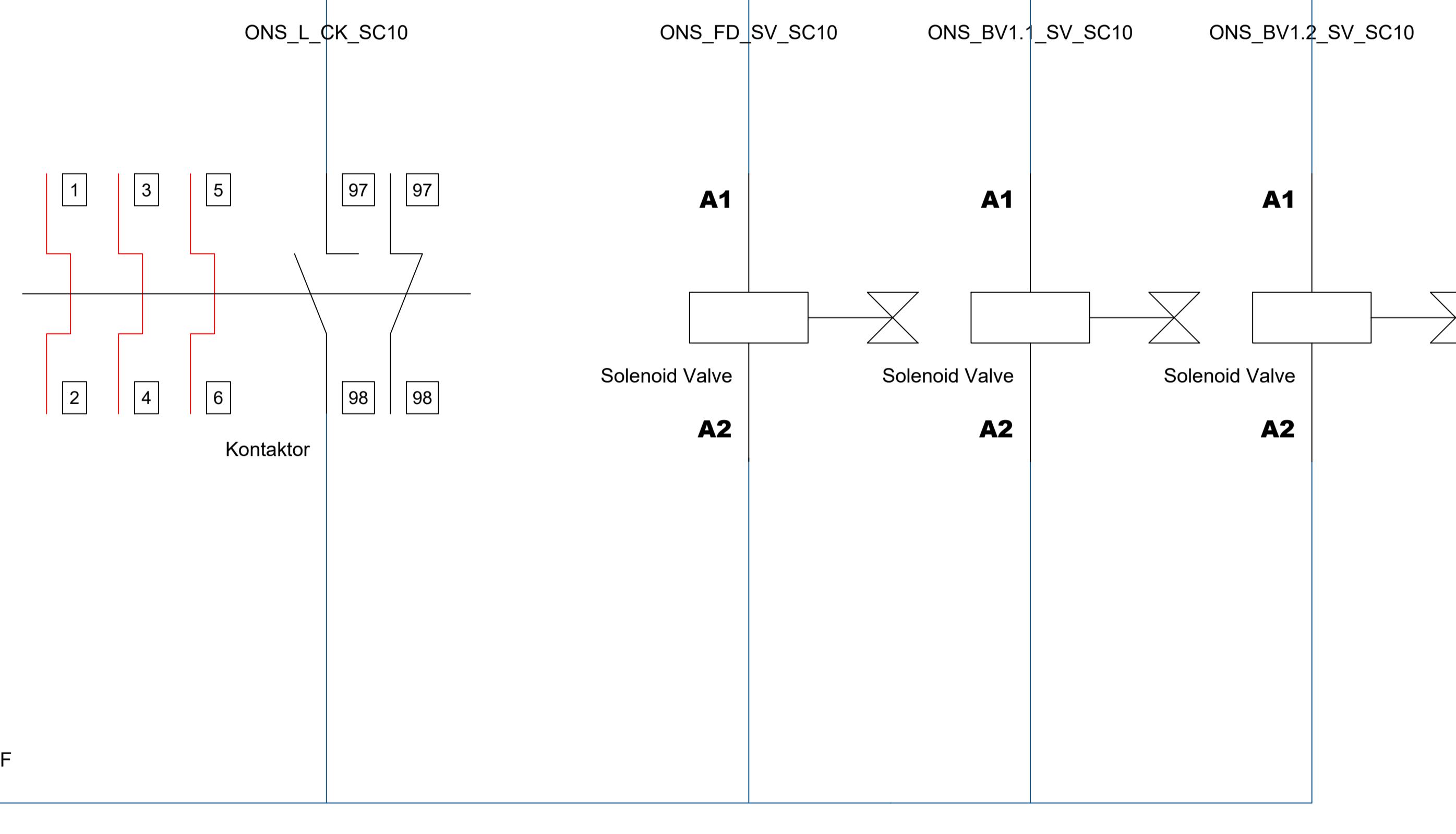
1 2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

## ONS\_S10\_M03

58 : 12F

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Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA	 WAMGROUP	Title <b>Group ONS_S10_M03</b> Digital Output 1	Project Non Sanded Batching		
4	21-05-2025		Drawn	RAFLI						
			Norm							

2 3 4 5 6 7 8 9 10 11 12

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Sheet No.112

121 Sheet

1 2 3 4 5 6 7 8 9 10 11 12

A

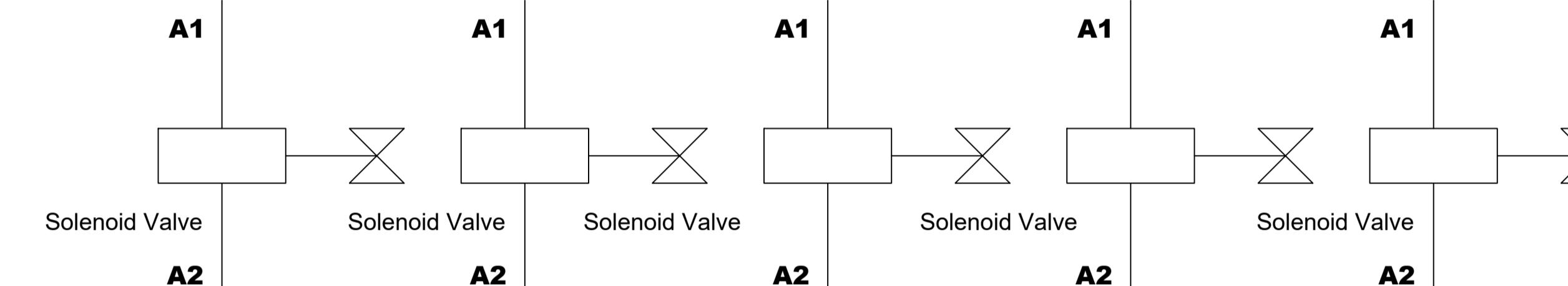
## ONS\_WH\_MIX\_M03

59 : 12C

B

ONS\_BV1.1\_SV\_M03 ONS\_BV1.2\_SV\_M03 ONS\_FWH\_SV\_M03 ONS\_BVDD\_SV\_M03 ONS\_BVMD\_SV\_M03 ONS\_VM1.1\_SV\_M03 ONS\_VM1.2\_SV\_M03 ONS\_DM\_M03

C



D

Solenoid Valve Solenoid Valve Solenoid Valve Solenoid Valve Solenoid Valve

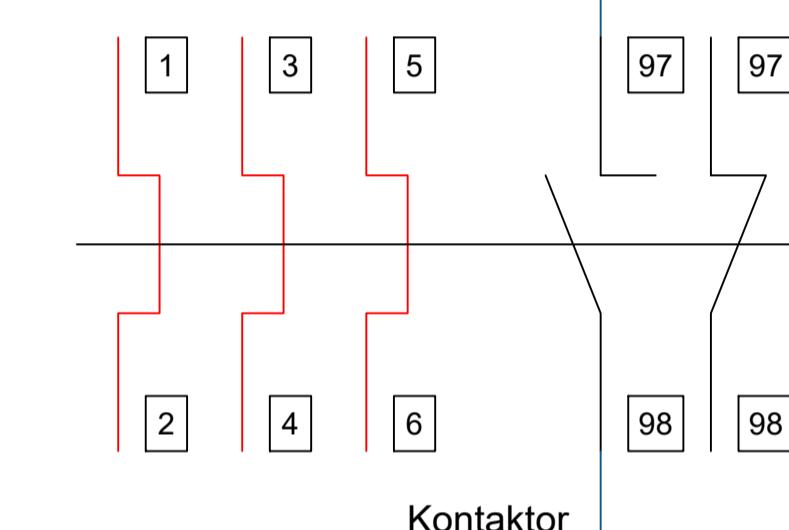
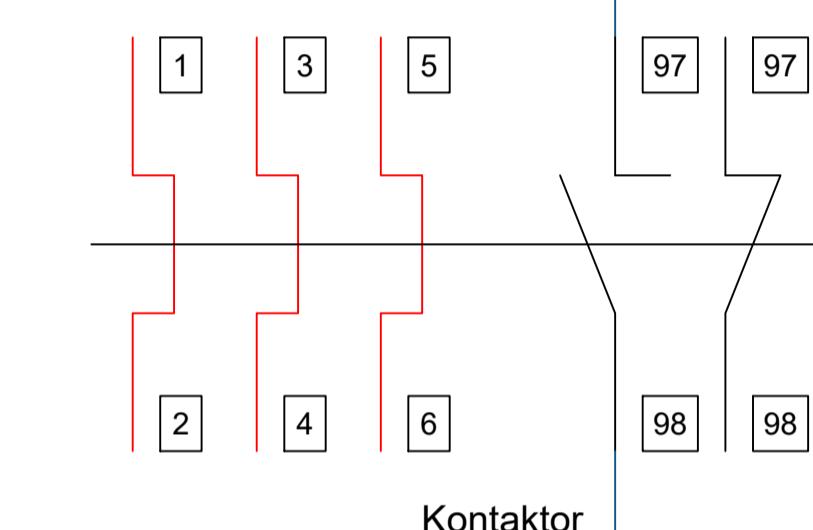
E

118 : 6F  
COM PLC

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Solenoid Valve A2

I

2 3 4 5 6 7 8 9 10 11 12



Title

**Group ONS\_WH\_MIX\_M03**  
Digital Output 2



Project

Non Sanded Batching

+  
Sheet No.113  
121 Sheet

Rev. Date Remarks Date Drawn RAFLI

4 21-05-2025 Appr.

Norm

P.T. CIPTA MORTAR UTAMA

Wiring Control Panel

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1 2 3 4 5 6 7 8 9 10 11 12

**ONS\_MIX\_M03**

59 : 12E

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ONS\_BVOP\_SV\_M03 ONS\_BVCP\_SV\_M03 ONS\_IP\_SV\_M03 ONS\_SM\_SV\_M03

**A1****A1****A1****A1**

Solenoid Valve Solenoid Valve Solenoid Valve Solenoid Valve

**A2****A2****A2****A2**

118 : 6F

COM PLC

Rev.	Date	Remarks	Date	Drawn	Appr.	Norm	P.T. CIPTA MORTAR UTAMA	<b>AMU</b> mortar utama SAINT-GOBAIN	Title	Project	
4	21-05-2025			RAFLI					Group <b>ONS_MIX_M03</b>	Non Sanded Batching	+
									Digital Output 2		Sheet No.114
											121 Sheet

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Wiring Control Panel

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1 2 3 4 5 6 7 8 9 10 11 12

## ONS\_HP\_MIX\_M03

59 : 12F

60 : 12B

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A

C

B

ONS\_MX3\_OC1\_KC\_M03

ONS\_MX3\_OC2\_KC\_M03

ONS\_MX3\_OC3\_KC\_M03

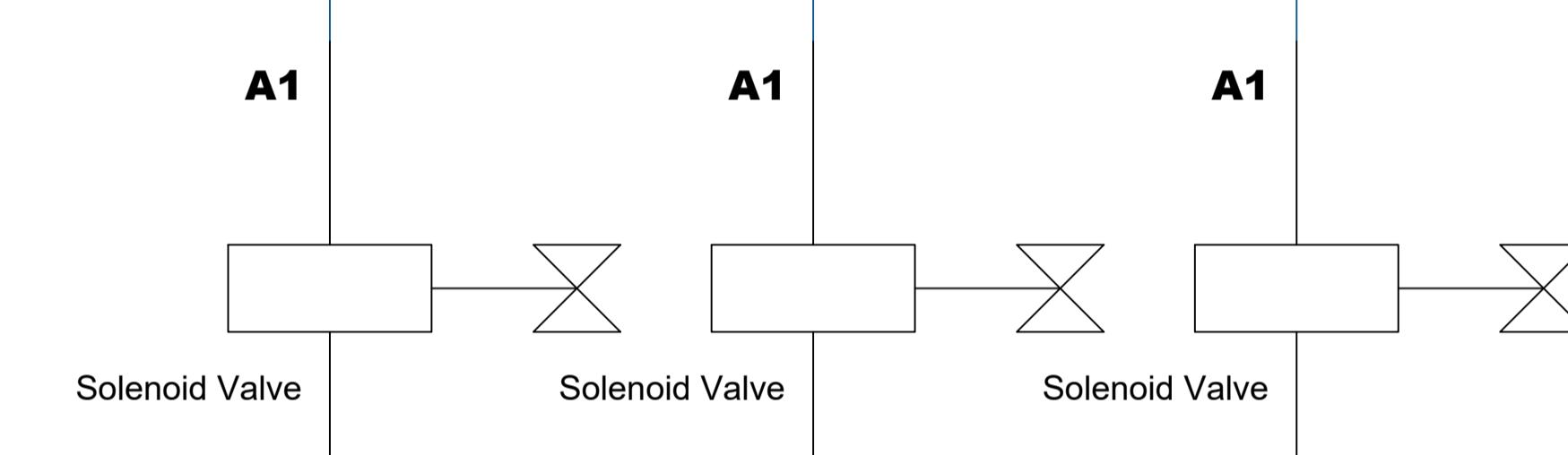
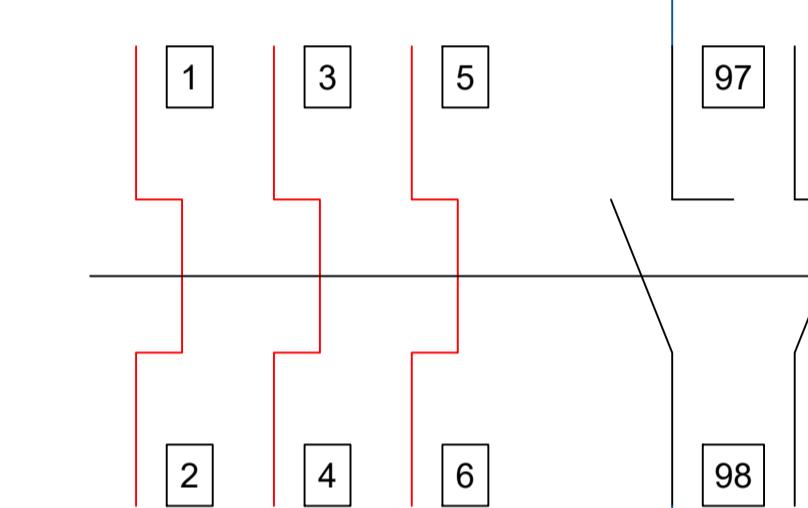
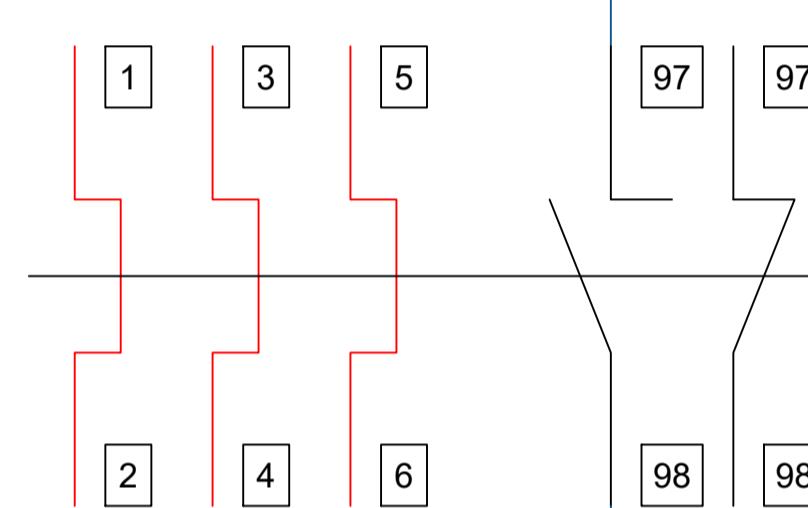
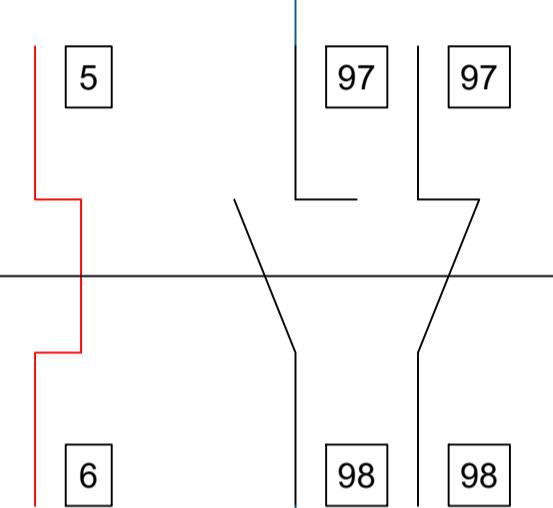
ONS\_FUH\_SV\_M03

ONS\_MX3\_VM1.1\_SV\_M03

ONS\_MX3\_VM1.2\_SV\_M03

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Rev.	Date	Remarks	Date	Drawn	Appr.	Norm	P.T. CIPTA MORTAR UTAMA	AMU mortar utama SAINT-GOBAIN	Title	Project	
4	21-05-2025			RAFLI					Group ONS_HP_MIX_M03 Digital Output 2	Non Sanded Batching	+
											Sheet No.115
											121 Sheet

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1 2 3 4 5 6 7 8 9 10 11 12

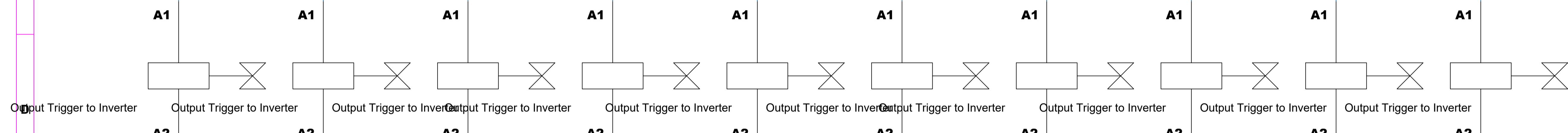
A OTG\_RUN\_INV\_MIX\_M02 A

60 :12D

B

C OTG\_RUN\_INV S7\_M03 OTG\_STO\_INV S7\_M03 OTG\_RUN\_INV S8\_M03 OTG\_STO\_INV S8\_M03 OTG\_RUN\_INV S9\_M03 OTG\_STO\_INV S9\_M03 OTG\_RUN\_INV S10\_M03 OTG\_STO\_INV S10\_M03 OTG\_RUN\_INV MIX\_M03 OTG\_STO\_INV MIX\_M03

D



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118 : 6F

F COM PLC F

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H Rev. Date Remarks Date 17-10-2024 Drawn RAFLI Project

4 21-05-2025 Appr.

Norm

Wiring Control Panel



Title  
Group OTG\_RUN\_INV\_MIX\_M02  
Digital Output 3



Non Sanded Batching

+  
Sheet No.116  
121 Sheet

2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

A

A

## OTG\_SCALE\_MIX\_M02

60 : 12F

B

B

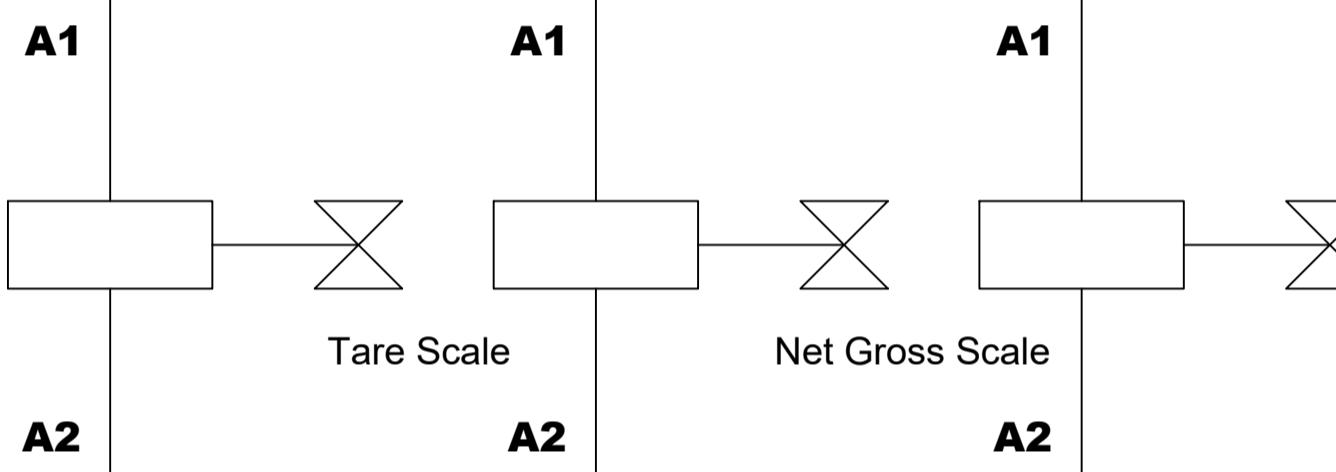
OTG\_TARE\_SCALE\_MIX\_M02

C

OTG\_ZERO\_SCALE\_MIX\_M02

OTG\_NG\_SCALE\_MIX\_M02

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118 : 6F

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Rev.	Date	Remarks	Date	Drawn	Appr.	P.T. CIPTA MORTAR UTAMA	AMU mortar utama SAINT-GOBAIN	Title	Project	
4	21-05-2025			RAFLI				Group OTG_SCALE_MIX_M02	Non Sanded Batching	+
								Digital Output 3		Sheet No.117
			Norm			Wiring Control Panel				121 Sheet

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1 2 3 4 5 6 7 8 9 10 11 12

A A

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D D

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Rev.	Date	Remarks	Date	Drawn	Appr.	Title	Project	
4	21-05-2025		17-10-2024	RAFLI		P.T. CIPTA MORTAR UTAMA	WAMGROUP	Address Tile Grouting, Pro-X Batching, Non Sanded Batching
							<b>Power Supply</b>	Sheet No.118
			Norm			Wiring Control Panel		121 Sheet

2 3 4 5 6 7 8 9 10 11 12

1 2 3 4 5 6 7 8 9 10 11 12

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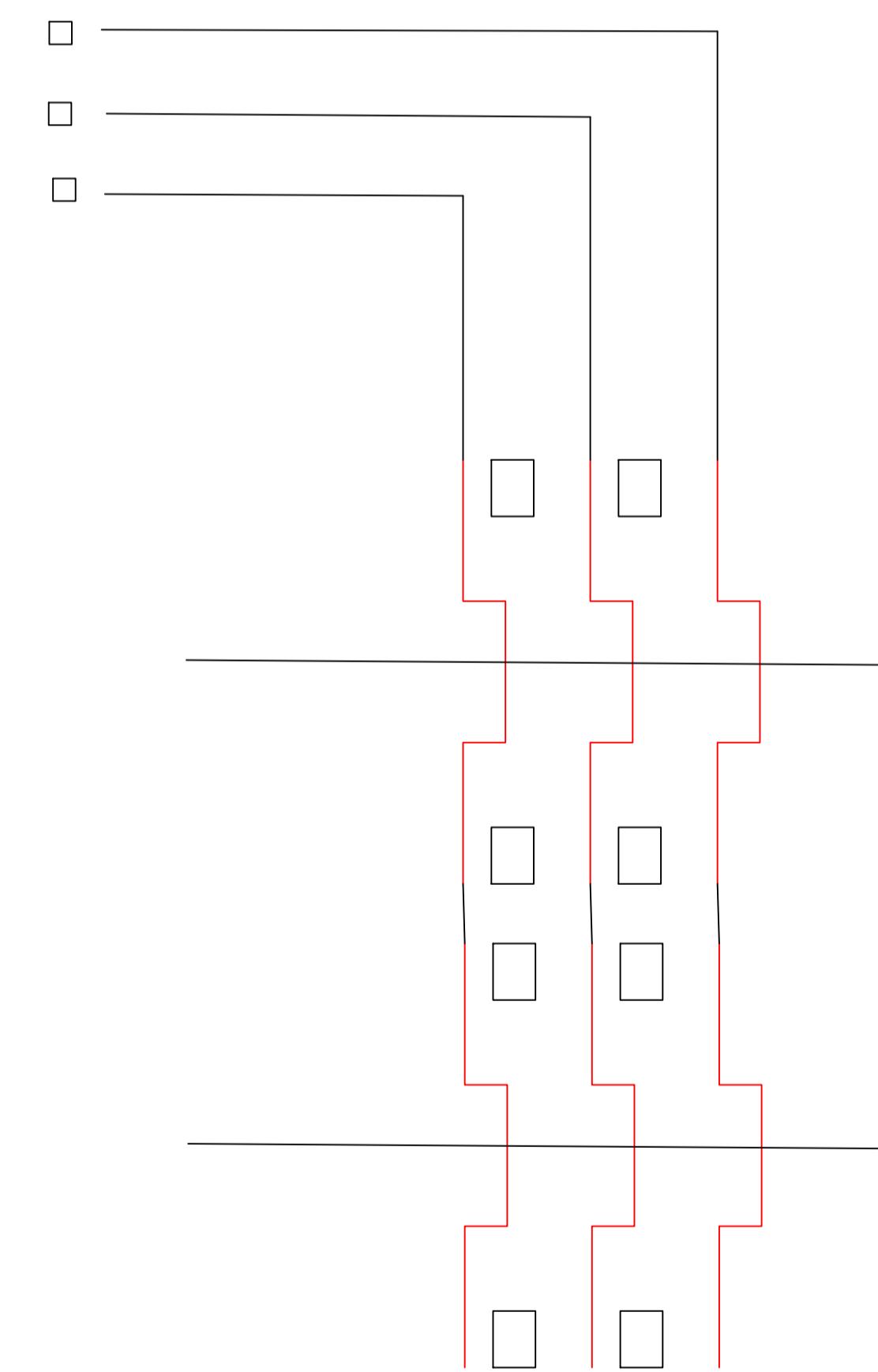
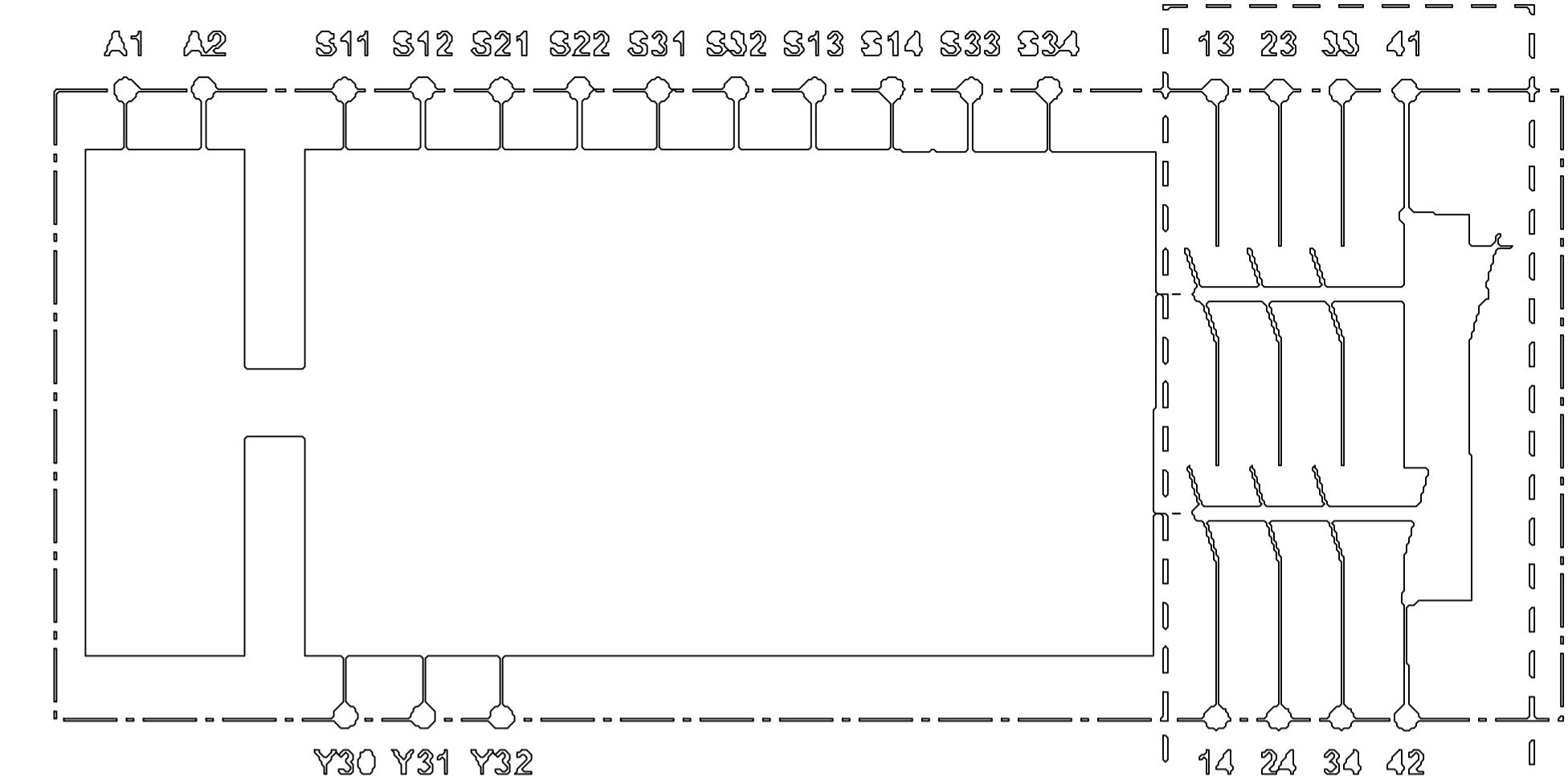
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Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA Wiring Control Panel	MU mortar SAINT-GOBAIN	Title	WAMGROUP	Project WIRING SAFETY RELAY PLANT 1	
4	21-05-2025		Drawn	RAFLI			SAFETY RELAY PNOZ X3P			
			Norm							

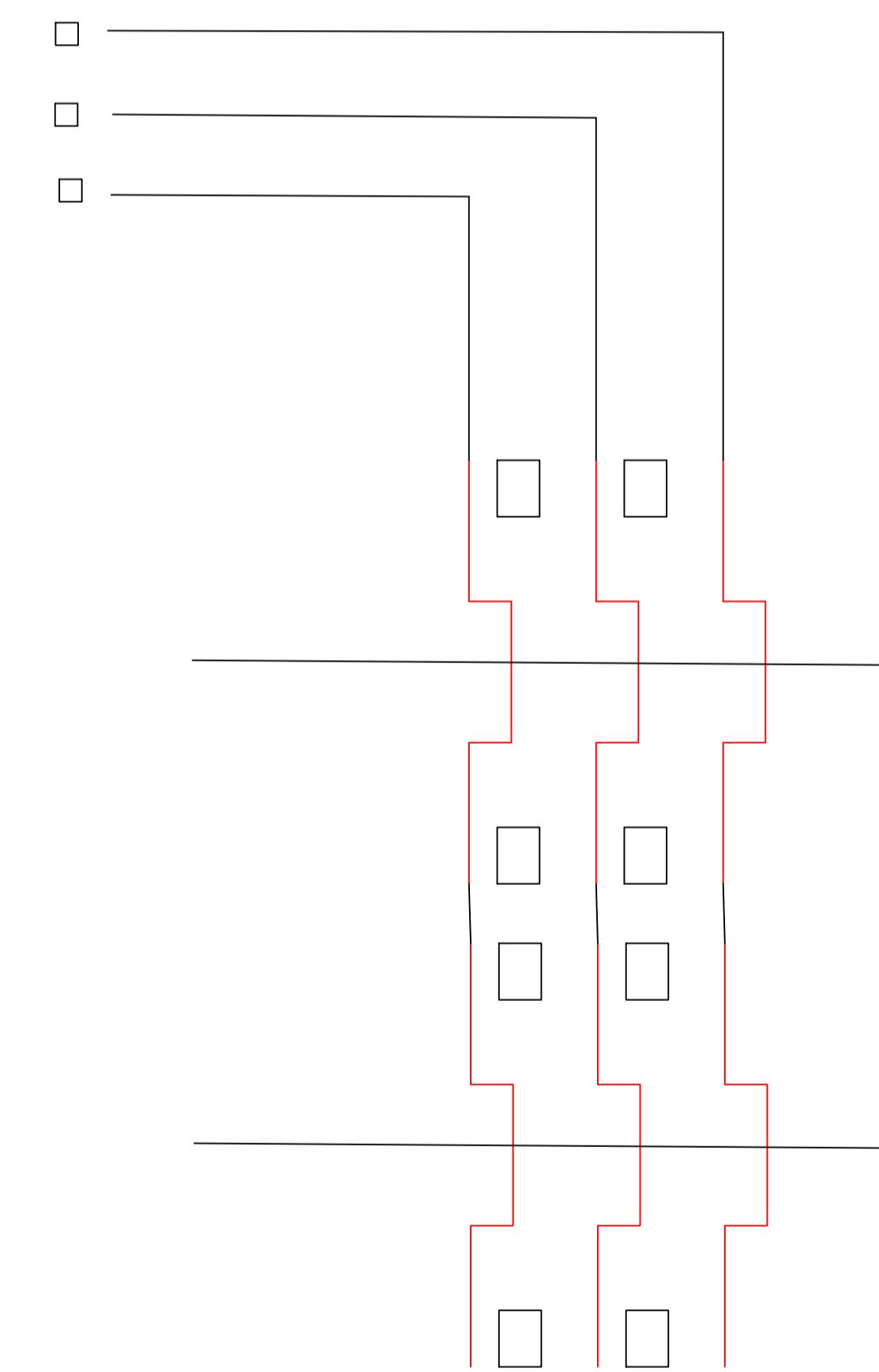
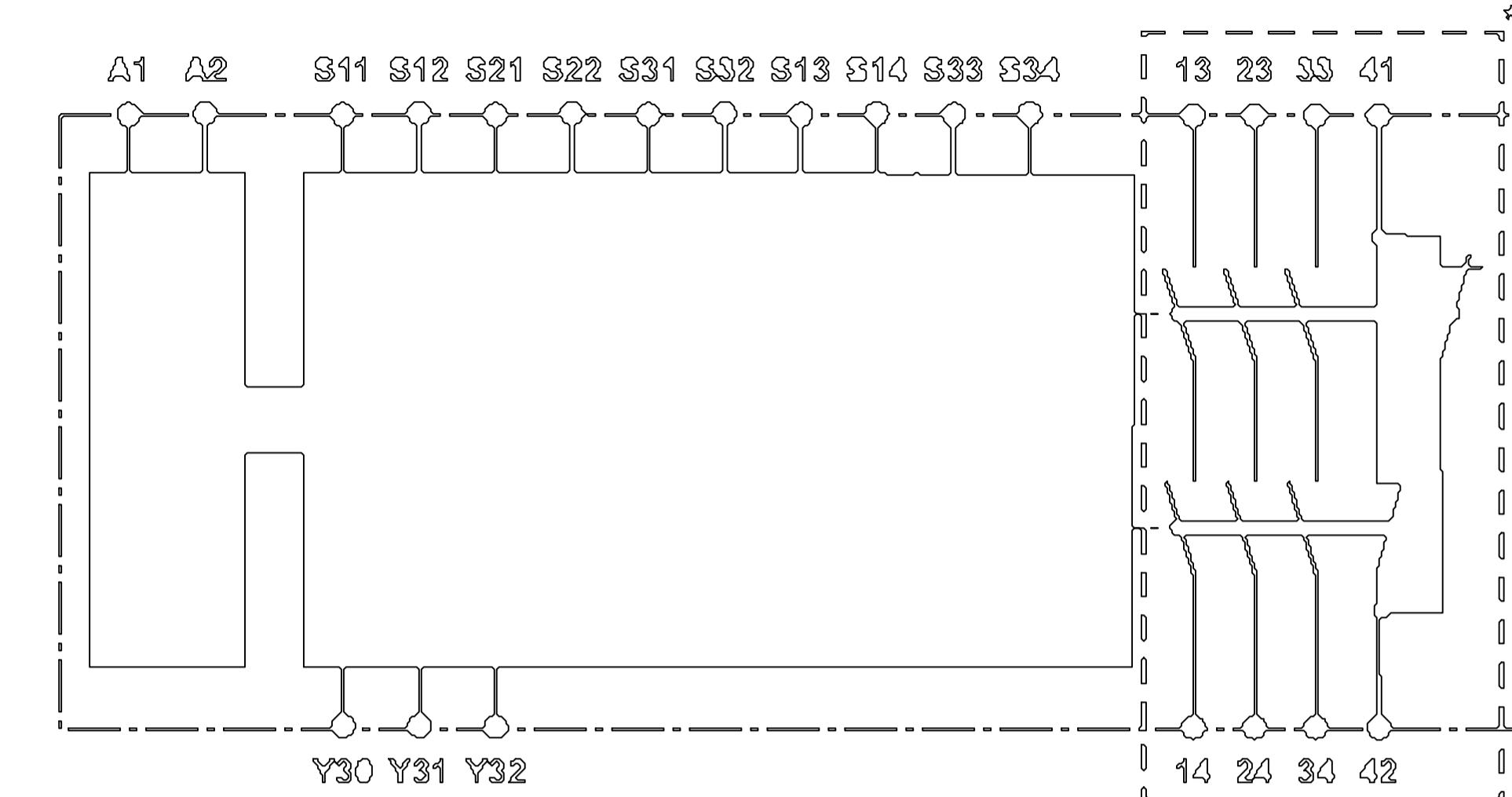
2 3 4 5 6 7 8 9 10 11 12

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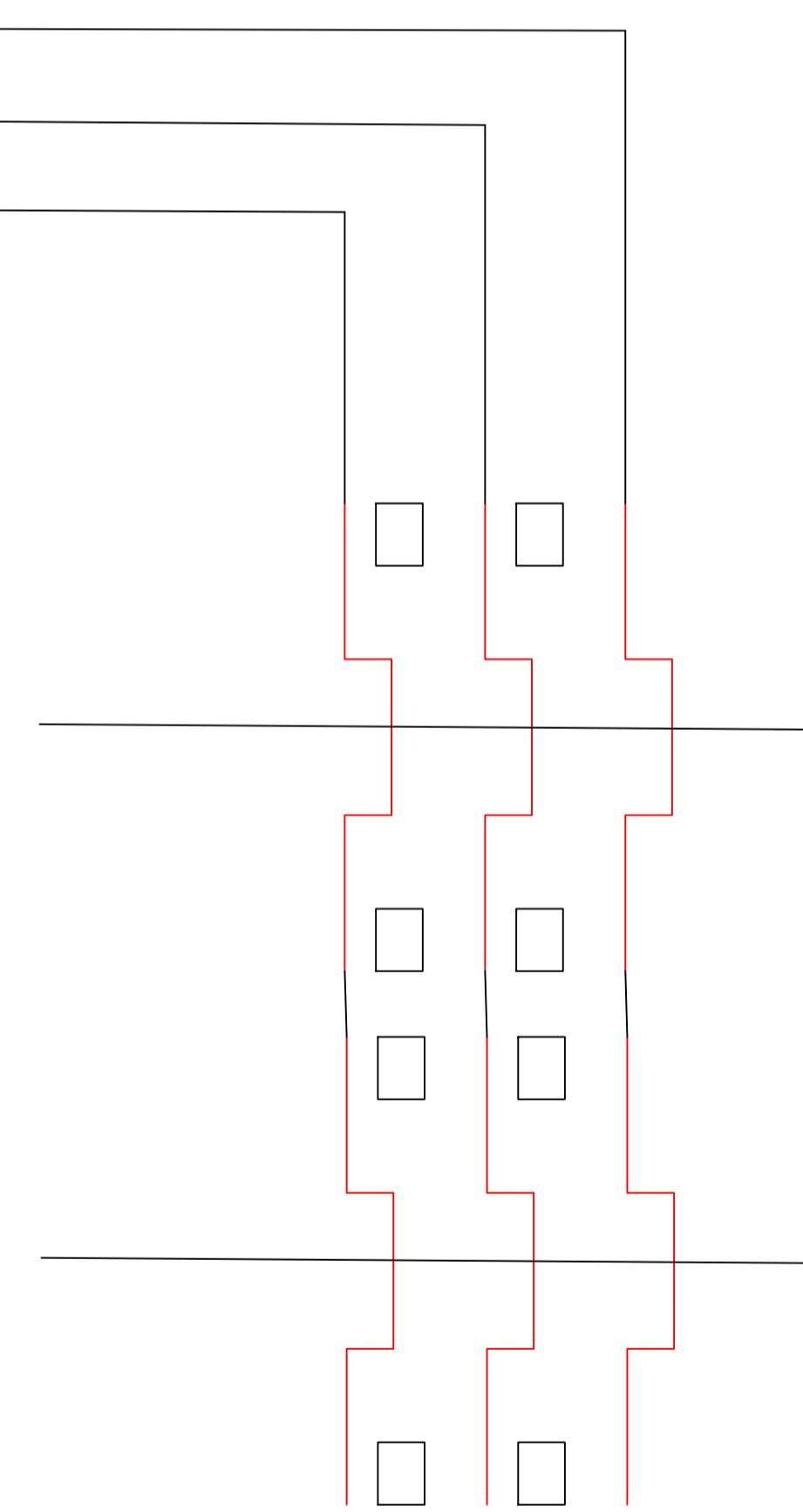
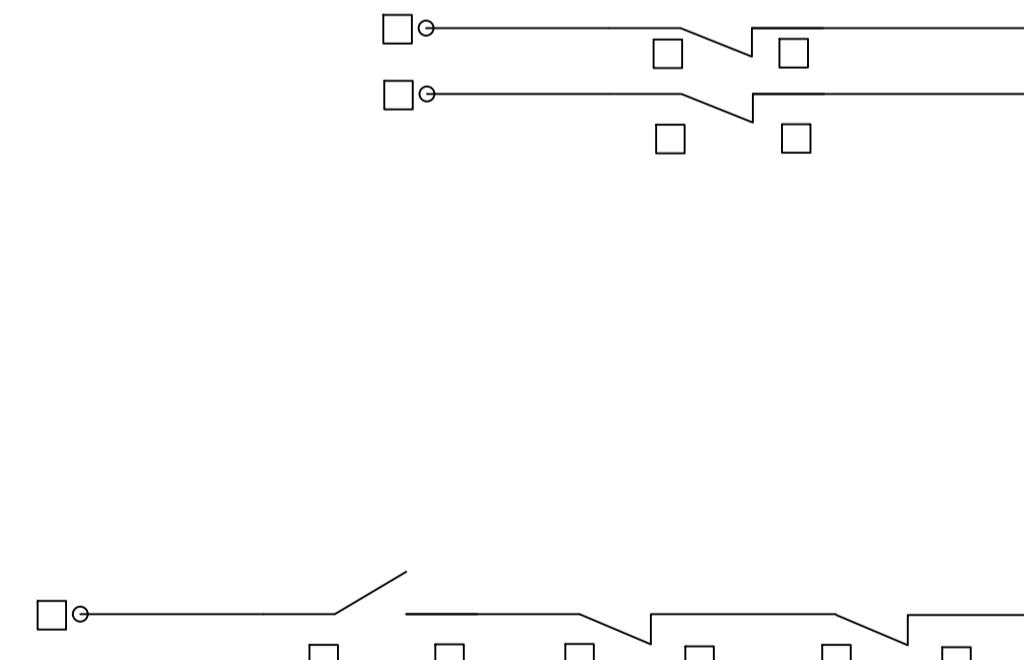
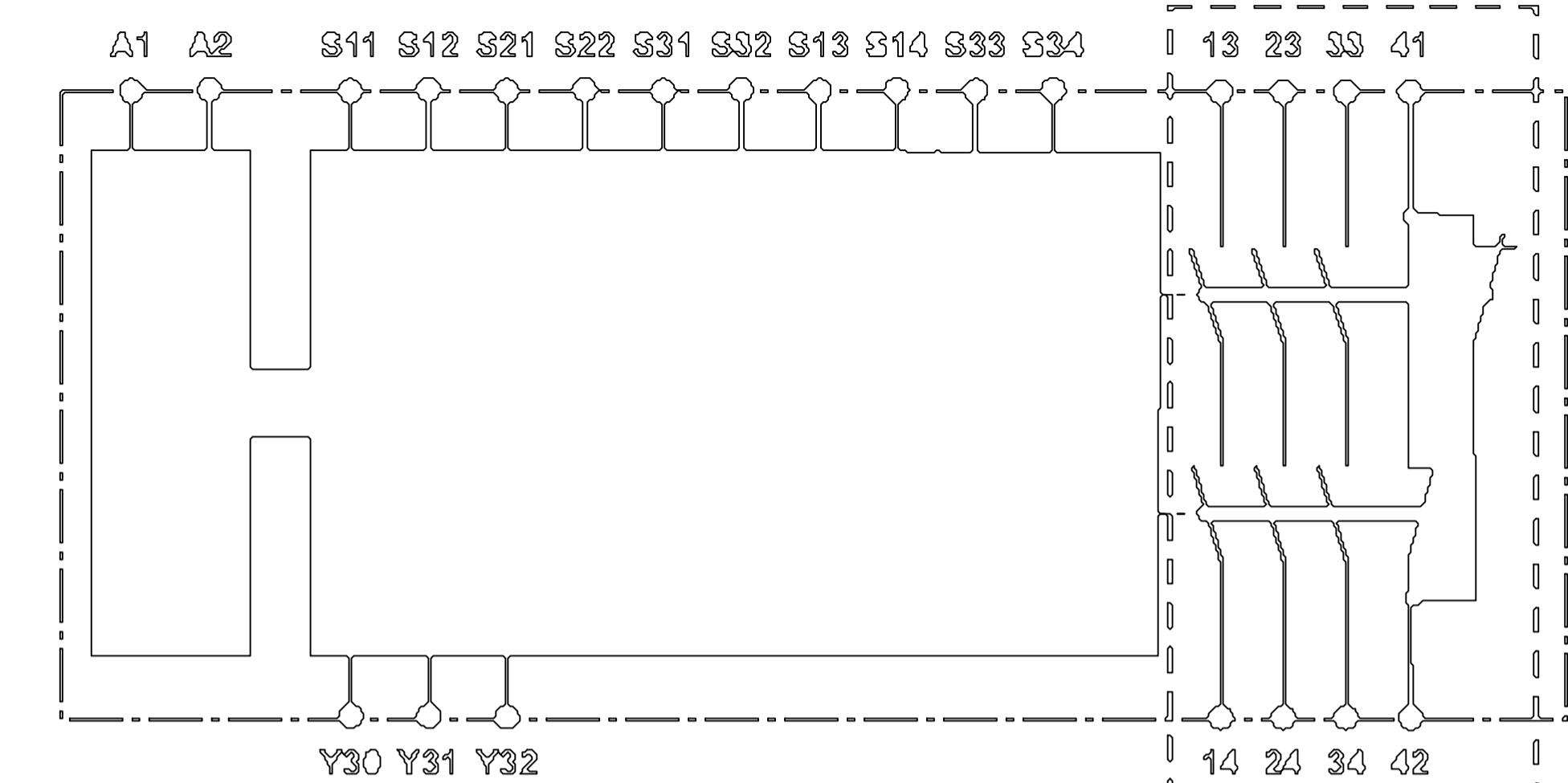
+

Sheet No.119

121 Sheet



Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA SAINT-GOBAIN	Title <b>SAFETY RELAY PNOZ X3P</b>	Project WIRING SAFETY RELAY PLANT 2	H		
4	21-05-2025		Drawn	RAFLI						
			Appr.							
			Norm		Wiring Control Panel					
2	3	4	5	6	7	8	9	10	11	12



H	Rev.	Date	Remarks	Date	17-10-2024	P.T. CIPTA MORTAR UTAMA  WIRING SAFETY RELAY PLANT 3  Wiring Control Panel	 <b>WAMGROUP</b> <b>SAFETY RELAY PNOZ X3P</b>	Title	Project	
	4	21-05-2025		Drawn	RAFLI					+
				Appr.						Sheet No.121
				Norm						121 Sheet