

KING LAM STREET - CONFERENCE TABLE LIFT

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 Stage and Studio Engineering Specialists



CONFERENCE TABLE LIFT - MAIN PANEL

Cover page

				REVISION
				0
0	22/12/2022	Paul		SCHEME
REV.	DATE	NAME	CHANGES	01
User data 1			User data 2	

CONTRACT: DINO - KING LAM STREET

LOCATION: +L1

Main electrical closet

1-CONFERENCE TABLE LIFT - MAIN PANEL

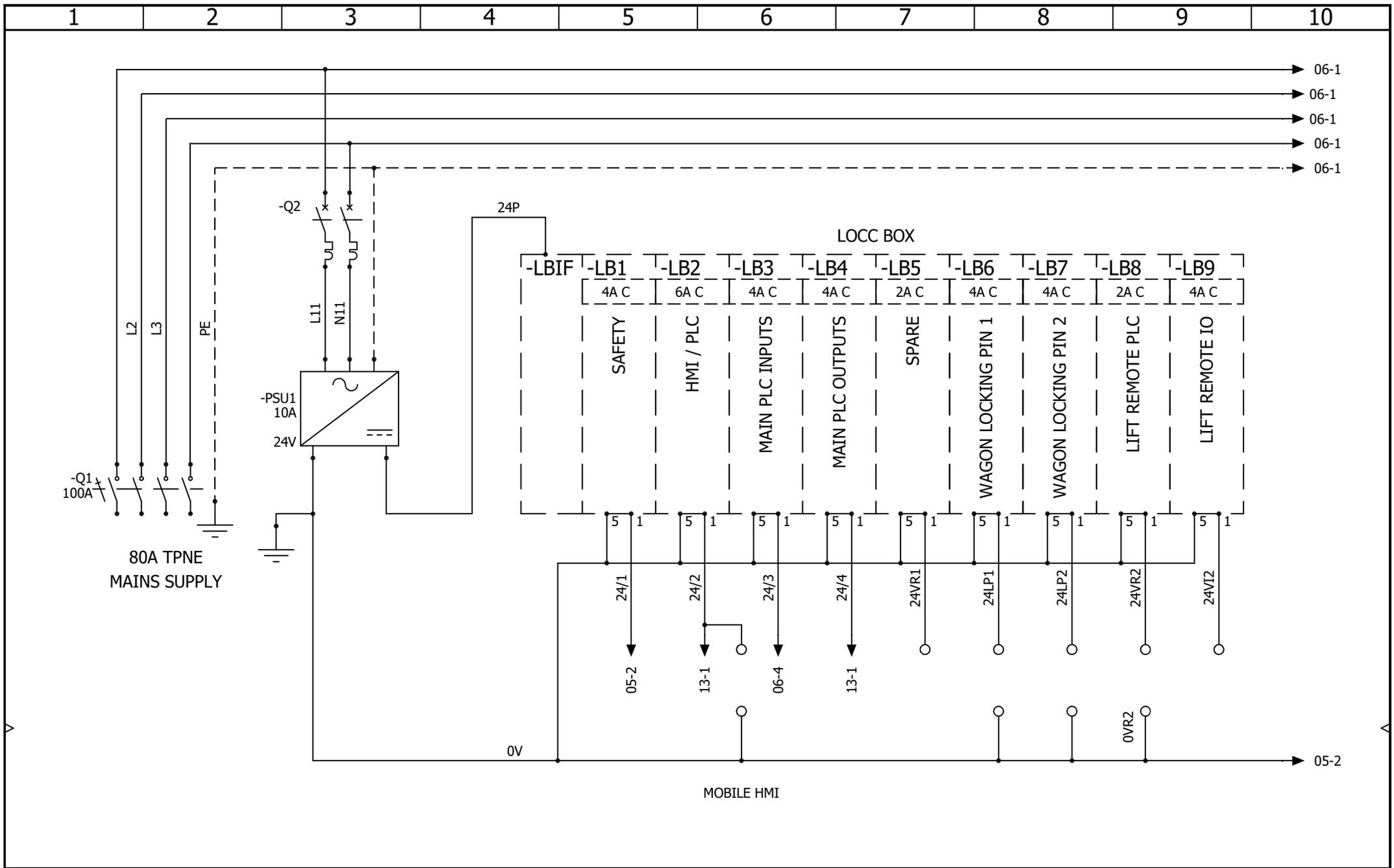
Drawing	Description	Function	Location	Revision	Date	Created by
01	Cover page	=F1	+L1	0	22/12/2022	Paul
02	Drawings list	=F1	+L1	0	22/12/2022	Paul
03	POWER DISTRIBUTION	=F1	+L1	0	22/12/2022	Paul
04	SAFETY CIRCUIT	=F1	+L1	0	14/02/2023	Paul
05	LIFT INVERTERS CIRCUIT	=F1	+L1	0	14/02/2023	Paul
21	LIFT BRAKES CIRCUIT	=F1	+L1	0	20/09/2023	Paul
06	WAGON INVERTERS CIRCUIT	=F1	+L1	0	15/02/2023	Paul
07	WAGON BLOWERS GROUPS 1 - 3 CONTROL	=F1	+L1	0	15/02/2023	Paul
08	WAGON BLOWERS GROUPS 4 - 6 CONTROL	=F1	+L1	0	17/03/2023	Paul
09	WAGON BLOWERS GROUPS 7 - 9 CONTROL	=F1	+L1	0	17/03/2023	Paul
07	LOCKING PINS	=F1	+L1	0	23/03/2023	Paul
10	PLC CONFIGURATION	=F1	+L1	0	17/02/2023	Paul
11	DIGITAL INPUTS - 1/4	=F1	+L1	0	17/02/2023	Paul
12	DIGITAL INPUTS - 2/4	=F1	+L1	0	21/03/2023	Paul
13	DIGITAL INPUTS - 3/4	=F1	+L1	0	21/03/2023	Paul
14	DIGITAL INPUTS - 4/4	=F1	+L1	0	21/03/2023	Paul
15	DIGITAL OUTPUTS - 1/4	=F1	+L1	0	21/03/2023	Paul
16	DIGITAL OUTPUTS - 2/4	=F1	+L1	0	21/03/2023	Paul
17	DIGITAL OUTPUTS - 3/4	=F1	+L1	0	21/03/2023	Paul
18	DIGITAL OUTPUTS - 4/4	=F1	+L1	0	21/03/2023	Paul

 AAC Technical Services Ltd Unit 2, Brunel Business Court Brunel Way, Thetford, Norfolk IP24 1HP	CONFERENCE TABLE LIFT - MAIN PANEL Drawings list			REVISION	0
				REV.	DATE
	CONTRACT: DINO - KING LAM STREET	LOCATION: +L1	Main electrical closet	User data 1	User data 2

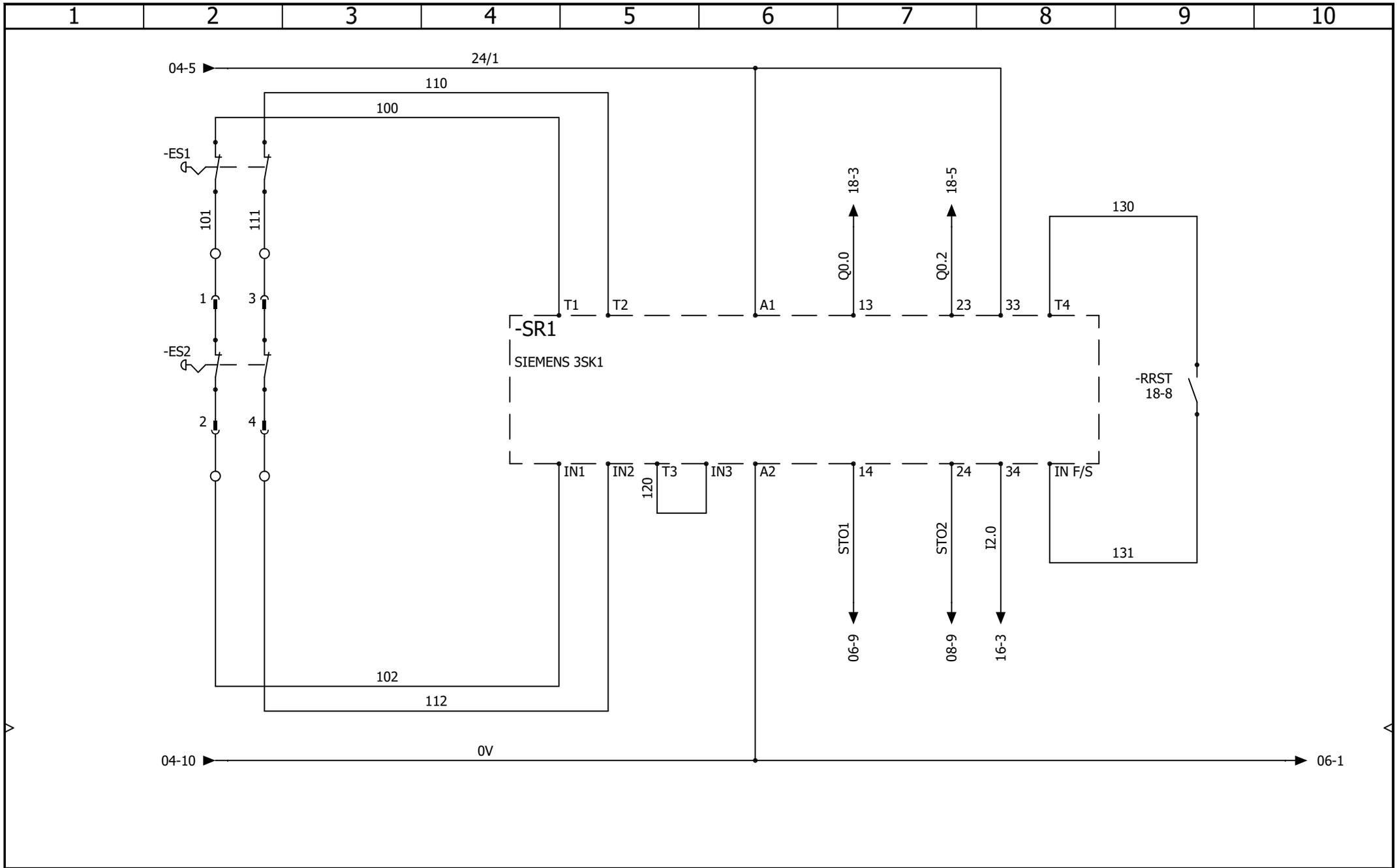
-> 1-CONFERENCE TABLE LIFT - MAIN PANEL

Drawing	Description	Function	Location	Revision	Date	Created by
19	ANALOGUE OUTPUTS 1	=F1	+L1	0	21/03/2023	Paul
20	Drawings list	=F1	+L1	0	26/10/2023	Paul

 AAC Technical Services Ltd Unit 2, Brunel Business Court Brunel Way, Thetford, Norfolk IP24 1HP	CONFERENCE TABLE LIFT - MAIN PANEL Drawings list					REVISION	
		0	26/10/2023	Paul		0	
		REV.	DATE	NAME	CHANGES	SCHEME	
CONTRACT: DINO - KING LAM STREET	LOCATION: +L1	Main electrical closet			User data 1	User data 2	03



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		0	22/12/2022	Paul	CHANGES	SCHEME 04
		User data 1			User data 2	
CONTRACT: DINO - KING LAM STREET	LOCATION: +L1	Main electrical closet				



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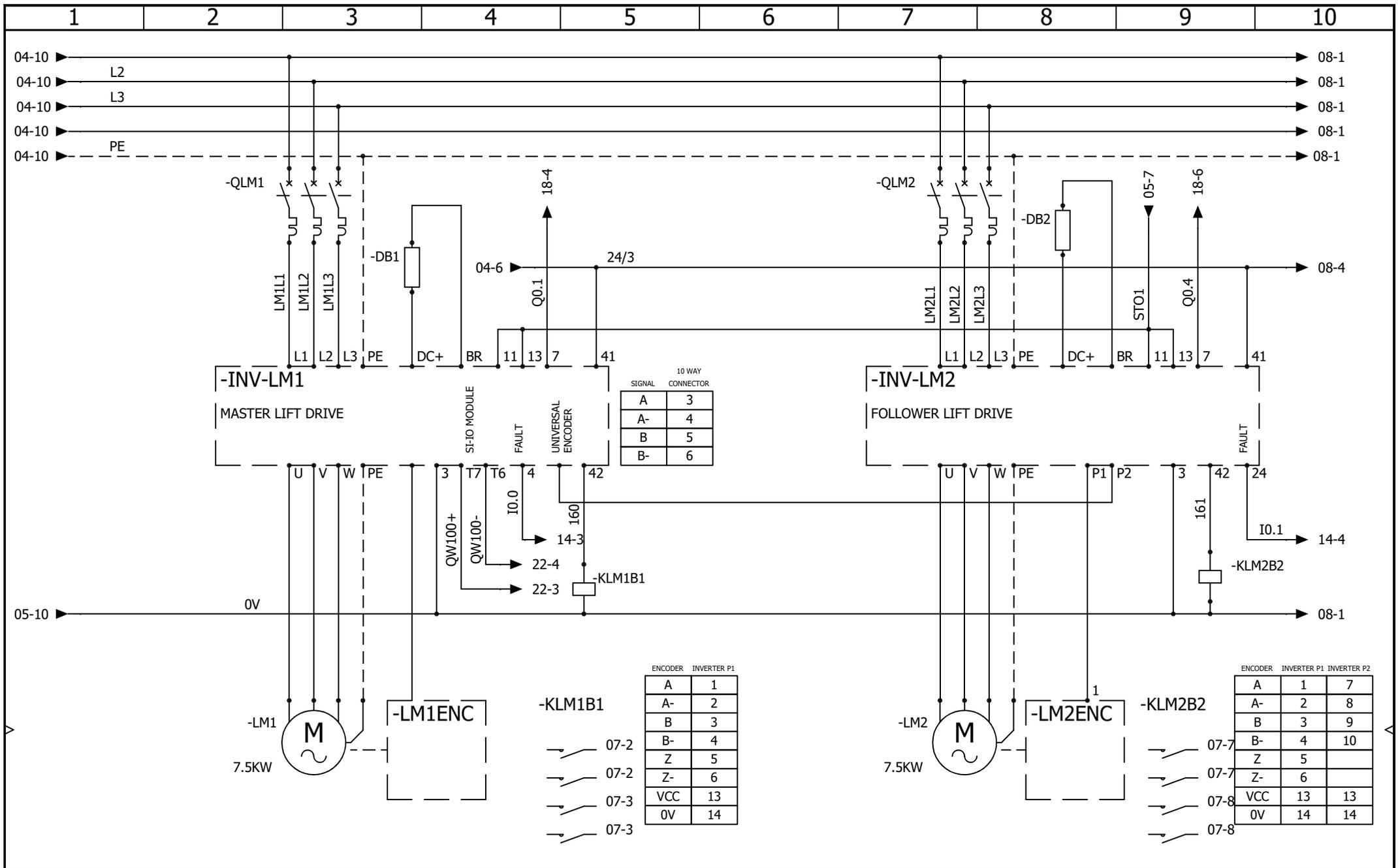
CONFERENCE TABLE LIFT - MAIN PANEL SAFETY CIRCUIT

CONTRACT: DINO - KING LAM STREET

LOCATION: +L1

Main electrical closet

				REVISION
				0
0	14/02/2023	Paul		
REV.	DATE	NAME	CHANGES	SCHEME
				05
User data 1			User data 2	



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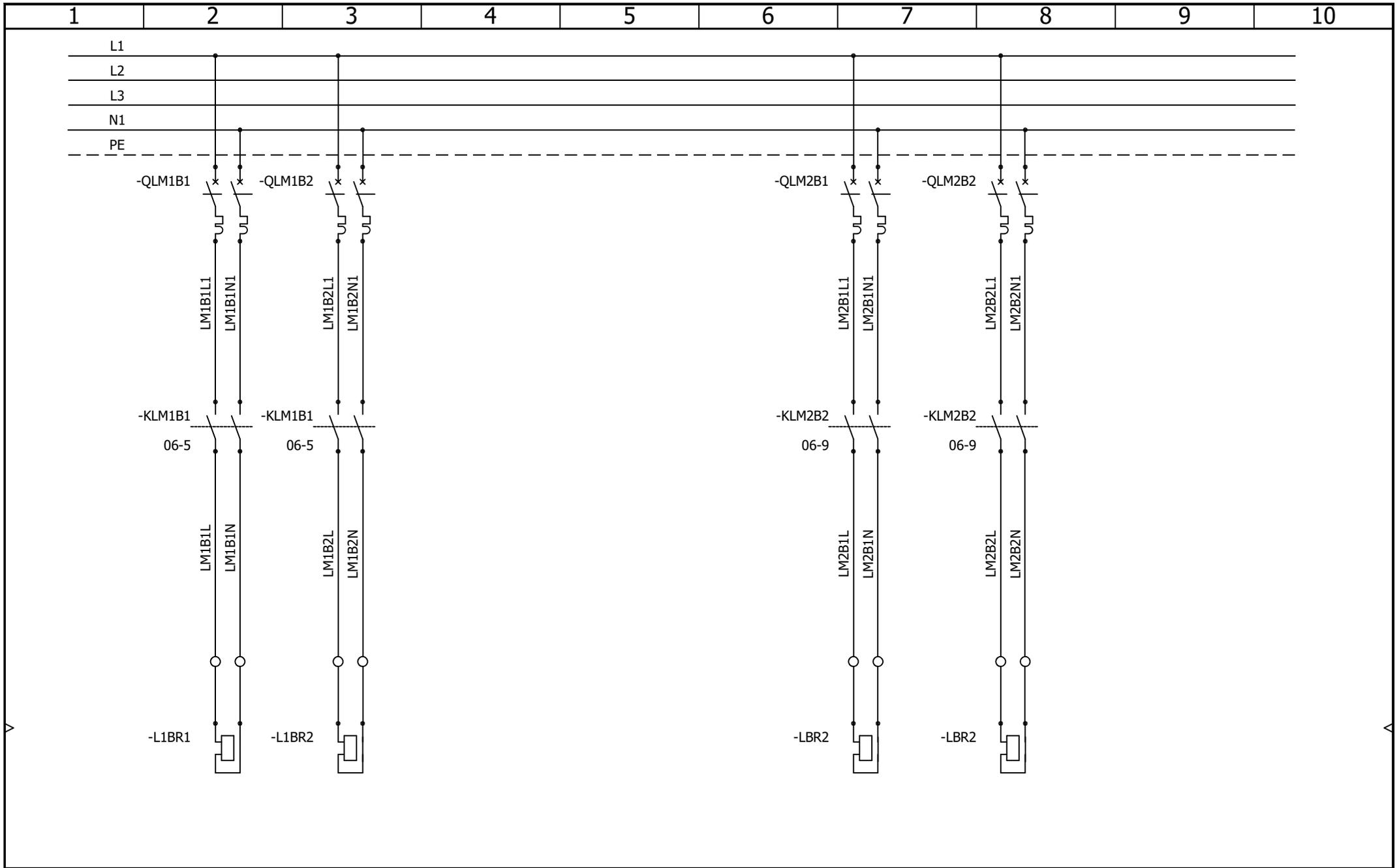
CONFERENCE TABLE LIFT - MAIN PANEL LIFT INVERTERS CIRCUIT

CONTRACT: DINO - KING LAM STREET

LOCATION: +L1

Main electrical closet

0	14/02/2023	Paul		REVISION
REV.	DATE	NAME	CHANGES	0
User data 1			User data 2	SCHEME
				06



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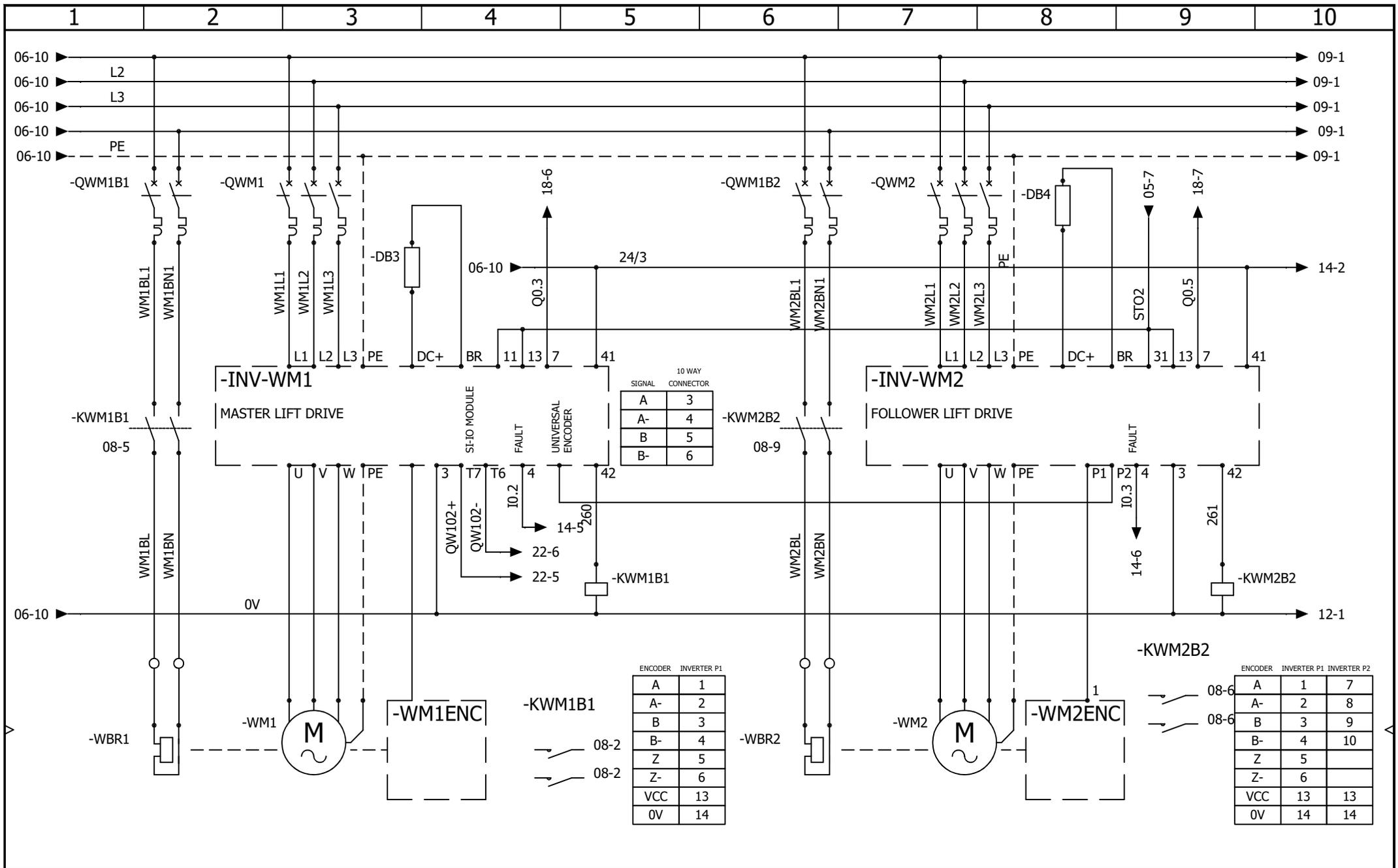
CONFERENCE TABLE LIFT - MAIN PANEL LIFT BRAKES CIRCUIT

CONTRACT: DINO - KING LAM STREET

LOCATION: +L1

Main electrical closet

				REVISION
				0
0	20/09/2023	Paul		
REV.	DATE	NAME	CHANGES	SCHEME
User data 1			User data 2	07



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CONFERENCE TABLE LIFT - MAIN PANEL WAGON INVERTERS CIRCUIT

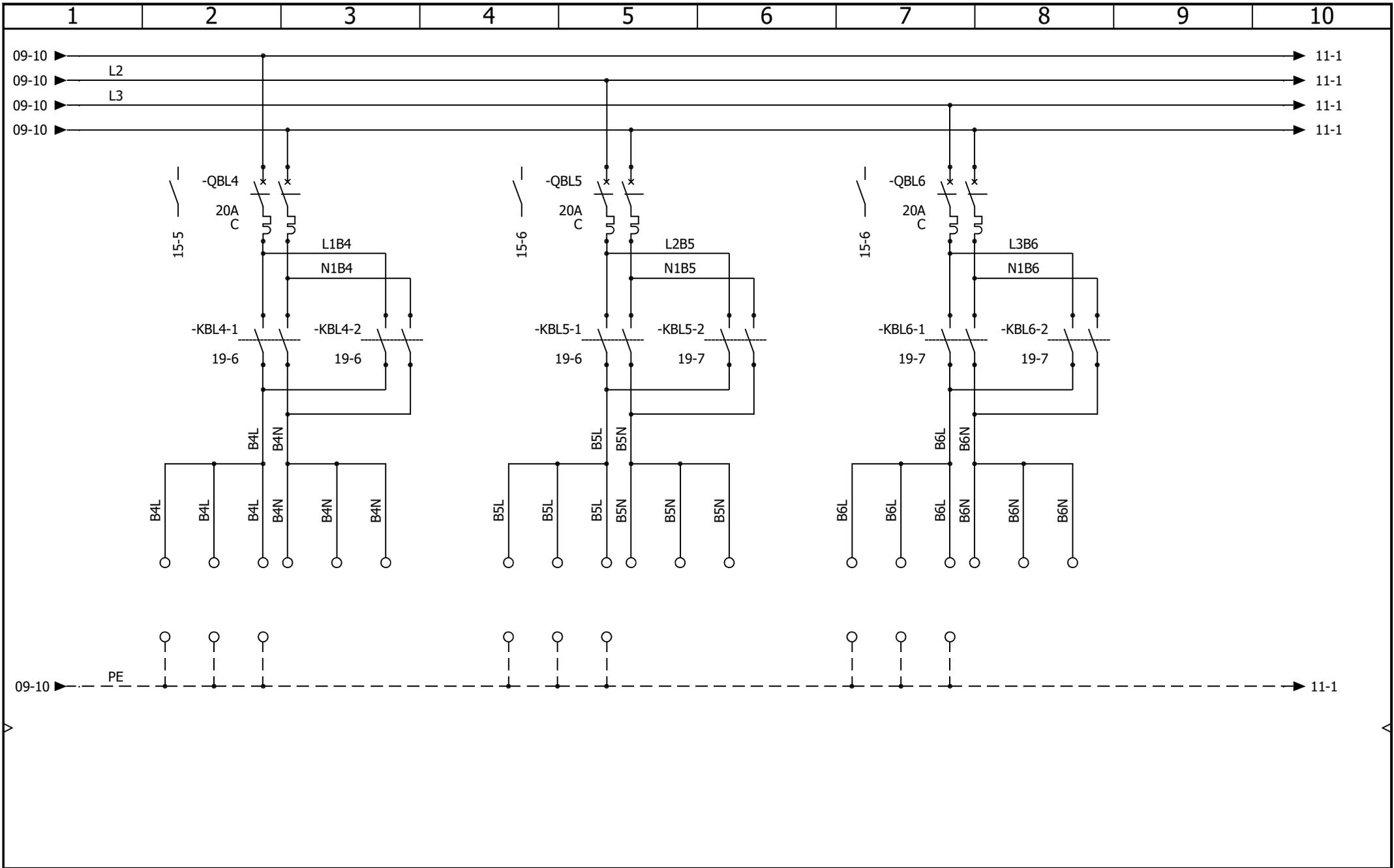
LOCATION:

+L1

Main electrical closet

0	15/02/2023	Paul		REVISION
REV.	DATE	NAME	CHANGES	0
User data 1			User data 2	
				SCHEME
				08

CONTRACT: DINO - KING LAM STREET



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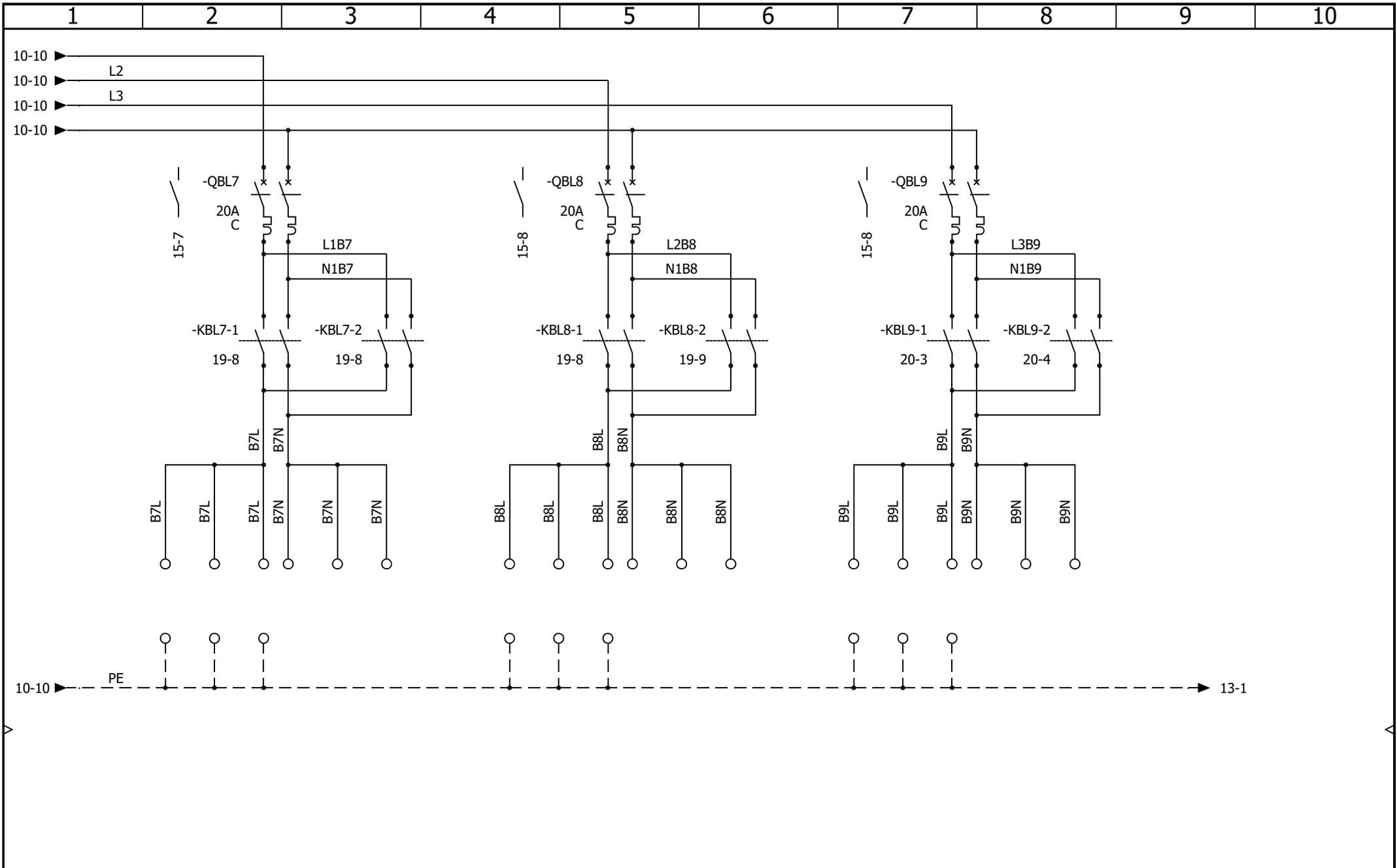
CONFERENCE TABLE LIFT - MAIN PANEL WAGON BLOWERS GROUPS 4 - 6 CONTROL

CONTRACT: DINO - KING LAM STREET

LOCATION: +L1

Main electrical closet

				REVISION
				0
0	17/03/2023	Paul		SCHEME
REV.	DATE	NAME	CHANGES	
User data 1			User data 2	10



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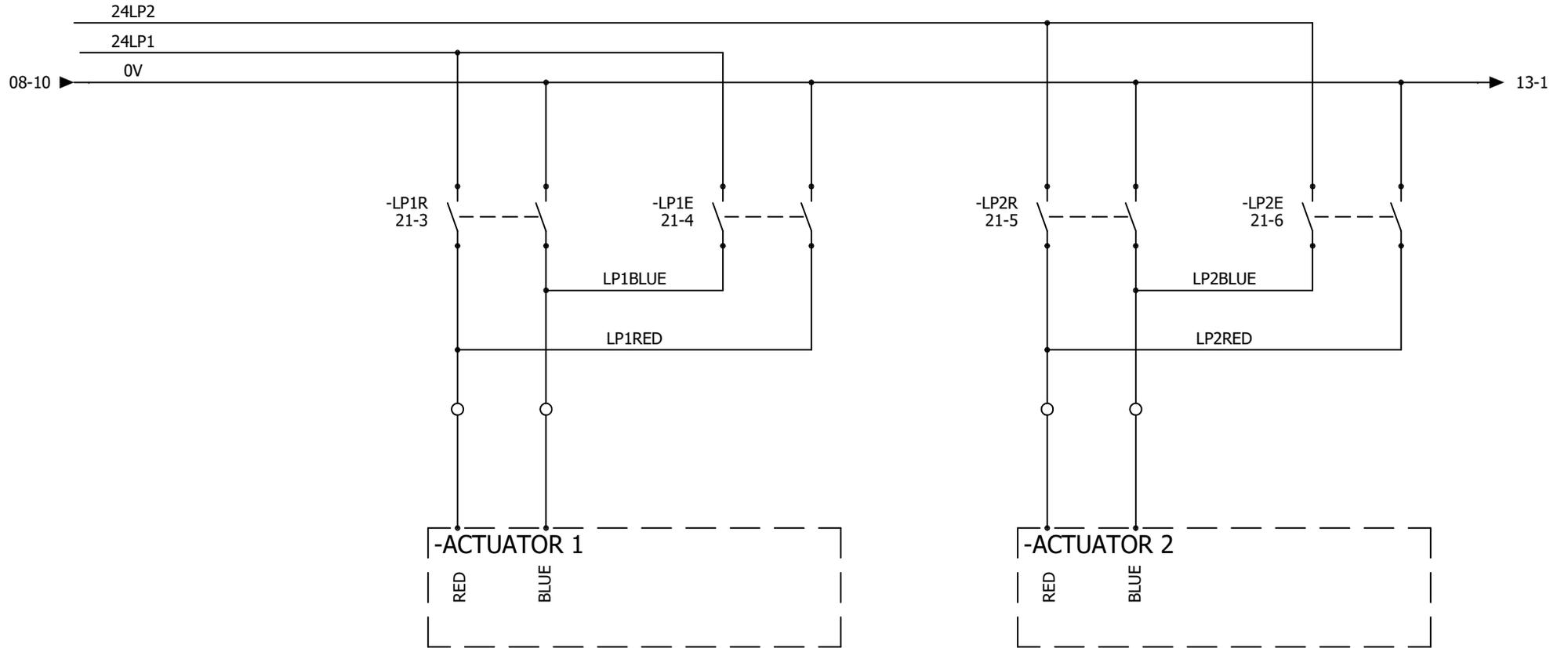
CONTRACT: DINO - KING LAM STREET

CONFERENCE TABLE LIFT - MAIN PANEL
WAGON BLOWERS GROUPS 7 - 9 CONTROL

LOCATION: +L1 Main electrical closet

REV.	DATE	NAME	CHANGES
0	17/03/2023	Paul	
User data 1			User data 2

REVISION
0
SCHEME
11



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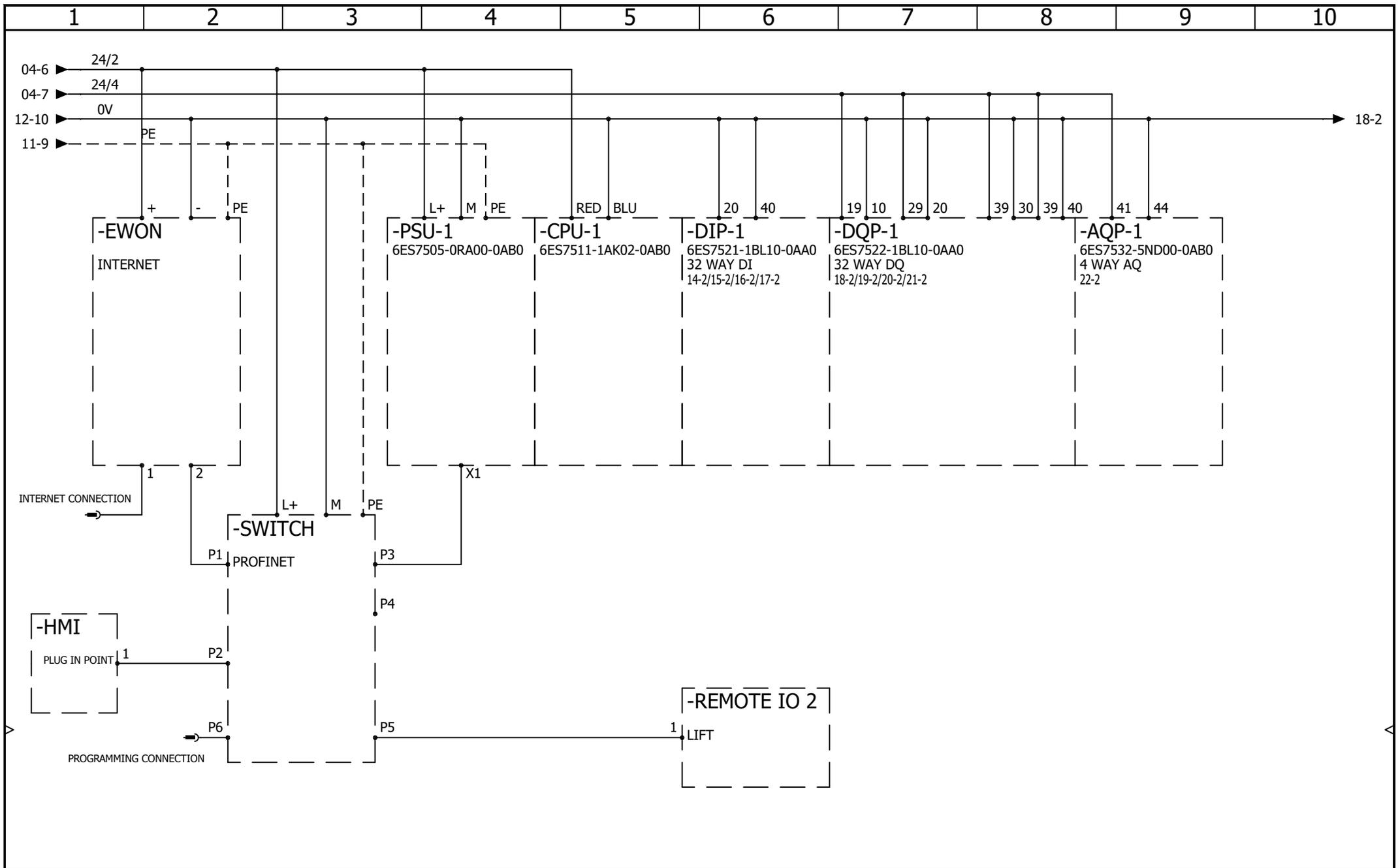
CONFERENCE TABLE LIFT - MAIN PANEL
 LOCKING PINS

				REVISION
				0
0	23/03/2023	Paul		SCHEME
REV.	DATE	NAME	CHANGES	12
User data 1			User data 2	

CONTRACT: DINO - KING LAM STREET

LOCATION: +L1

Main electrical closet



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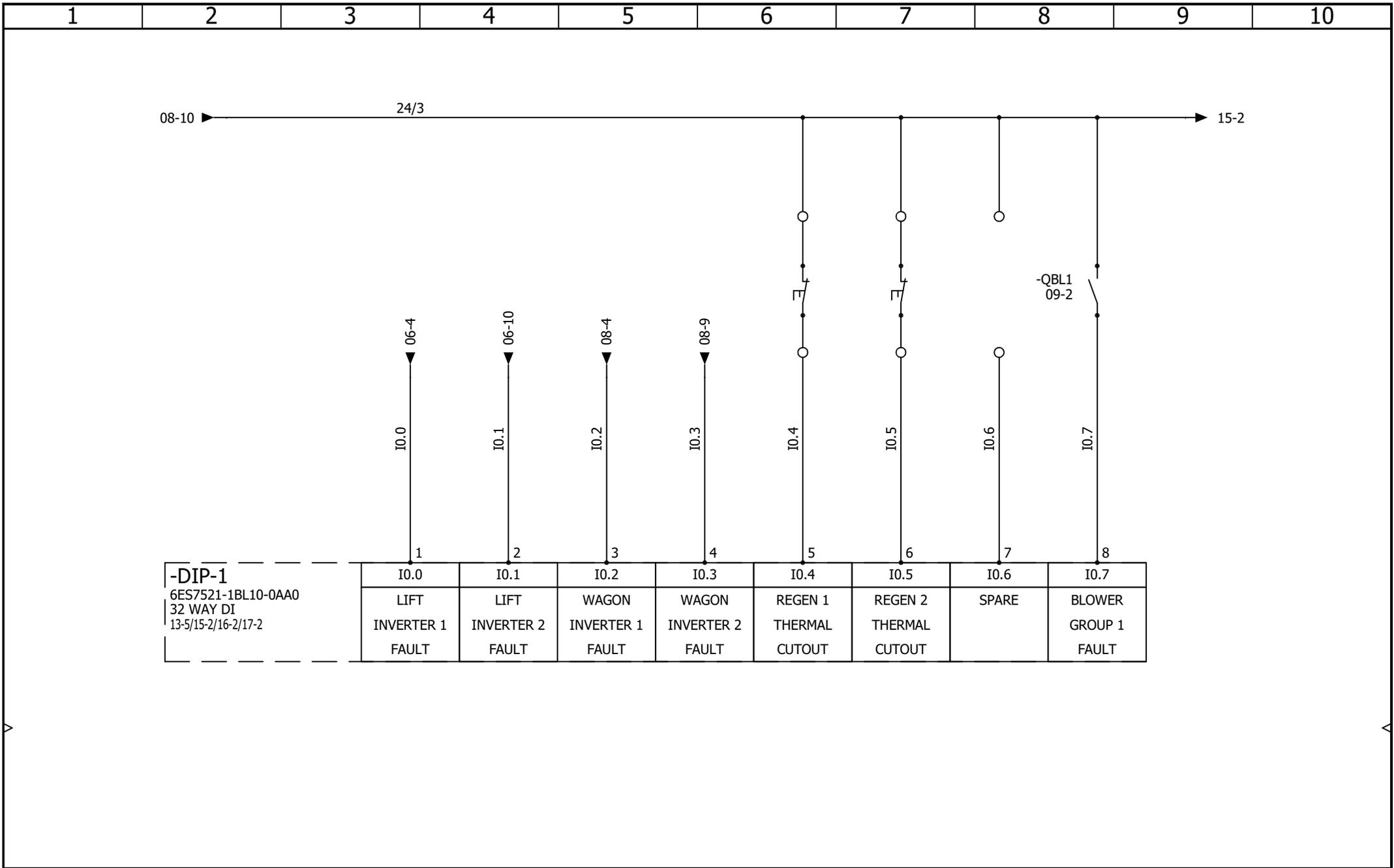
CONFERENCE TABLE LIFT - MAIN PANEL PLC CONFIGURATION

CONTRACT: DINO - KING LAM STREET

LOCATION: +L1

Main electrical closet

				REVISION
				0
0	17/02/2023	Paul		
REV.	DATE	NAME	CHANGES	SCHEME
User data 1			User data 2	13



-DIP-1
 6ES7521-1BL10-0AA0
 32 WAY DI
 13-5/15-2/16-2/17-2

1	2	3	4	5	6	7	8
IO.0	IO.1	IO.2	IO.3	IO.4	IO.5	IO.6	IO.7
LIFT INVERTER 1 FAULT	LIFT INVERTER 2 FAULT	WAGON INVERTER 1 FAULT	WAGON INVERTER 2 FAULT	REGEN 1 THERMAL CUTOUT	REGEN 2 THERMAL CUTOUT	SPARE	BLOWER GROUP 1 FAULT

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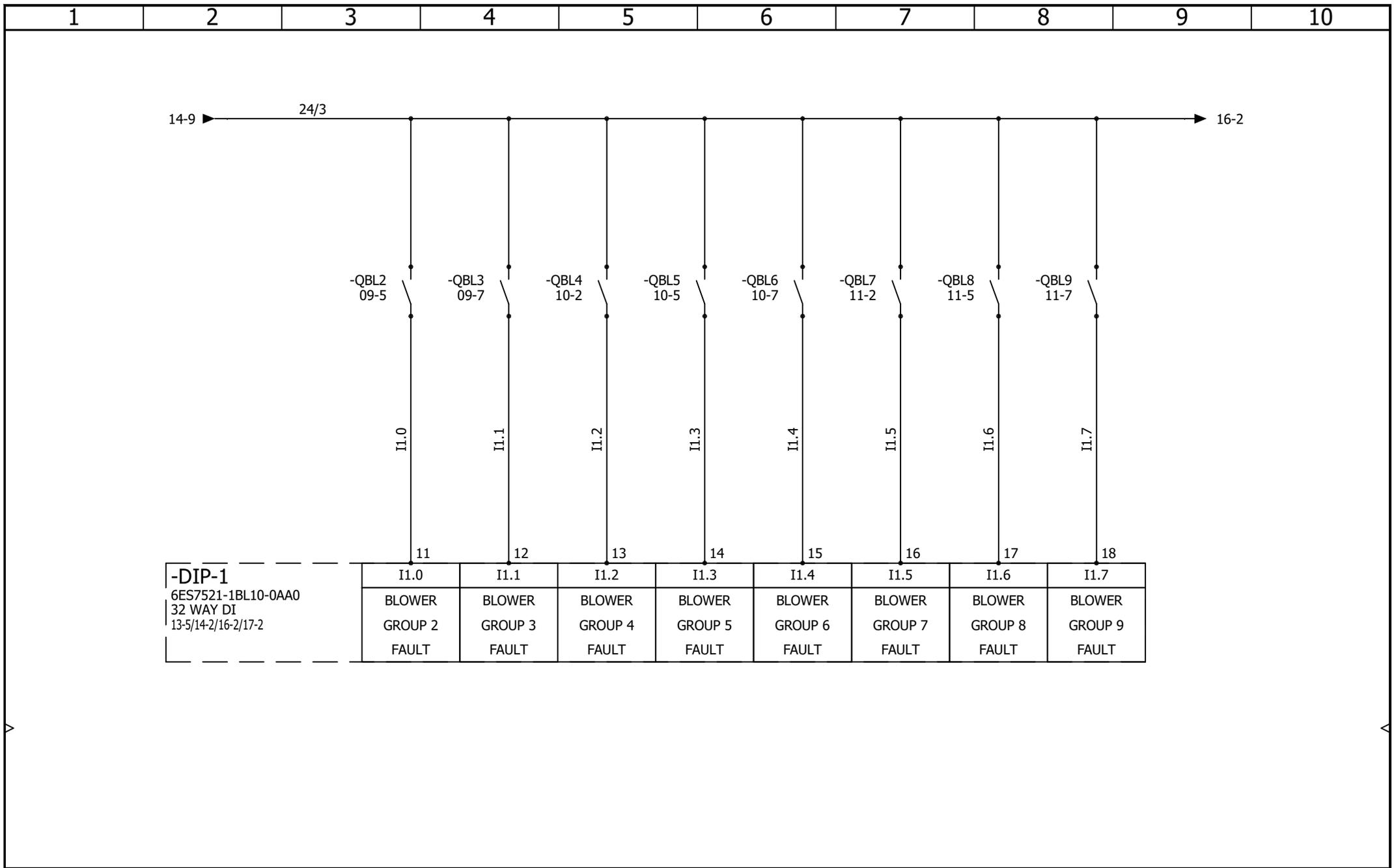


CONFERENCE TABLE LIFT - MAIN PANEL
DIGITAL INPUTS - 1/4

LOCATION: +L1 Main electrical closet

				REVISION
				0
0	17/02/2023	Paul		SCHEME
REV.	DATE	NAME	CHANGES	
User data 1			User data 2	14

CONTRACT: DINO - KING LAM STREET



-DIP-1
 6ES7521-1BL10-0AA0
 32 WAY DI
 13-5/14-2/16-2/17-2

I1.0	I1.1	I1.2	I1.3	I1.4	I1.5	I1.6	I1.7
BLOWER GROUP 2	BLOWER GROUP 3	BLOWER GROUP 4	BLOWER GROUP 5	BLOWER GROUP 6	BLOWER GROUP 7	BLOWER GROUP 8	BLOWER GROUP 9
FAULT							

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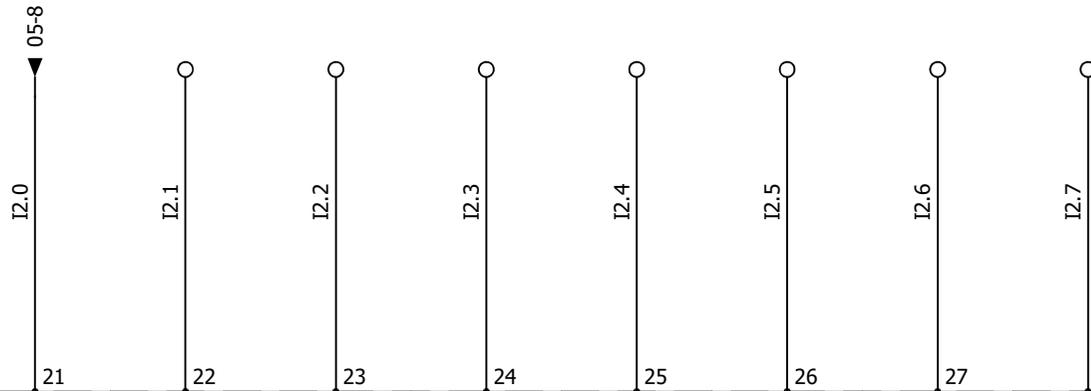
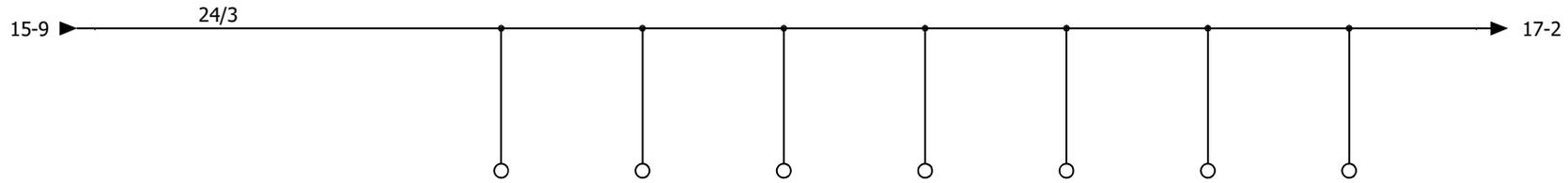


CONFERENCE TABLE LIFT - MAIN PANEL
DIGITAL INPUTS - 2/4

LOCATION: +L1 Main electrical closet

				REVISION
				0
0	21/03/2023	Paul		
REV.	DATE	NAME	CHANGES	
User data 1			User data 2	
				SCHEME
				15

CONTRACT: DINO - KING LAM STREET



-DIP-1
 6ES7521-1BL10-0AA0
 32 WAY DI
 13-5/14-2/15-2/17-2

I2.0	I2.1	I2.2	I2.3	I2.4	I2.5	I2.6	I2.7
SAFETY CIRCUIT HEALTHY	HMI ENABLE 1	HMI ENABLE	SPARE	SPARE	SPARE	SPARE	SPARE

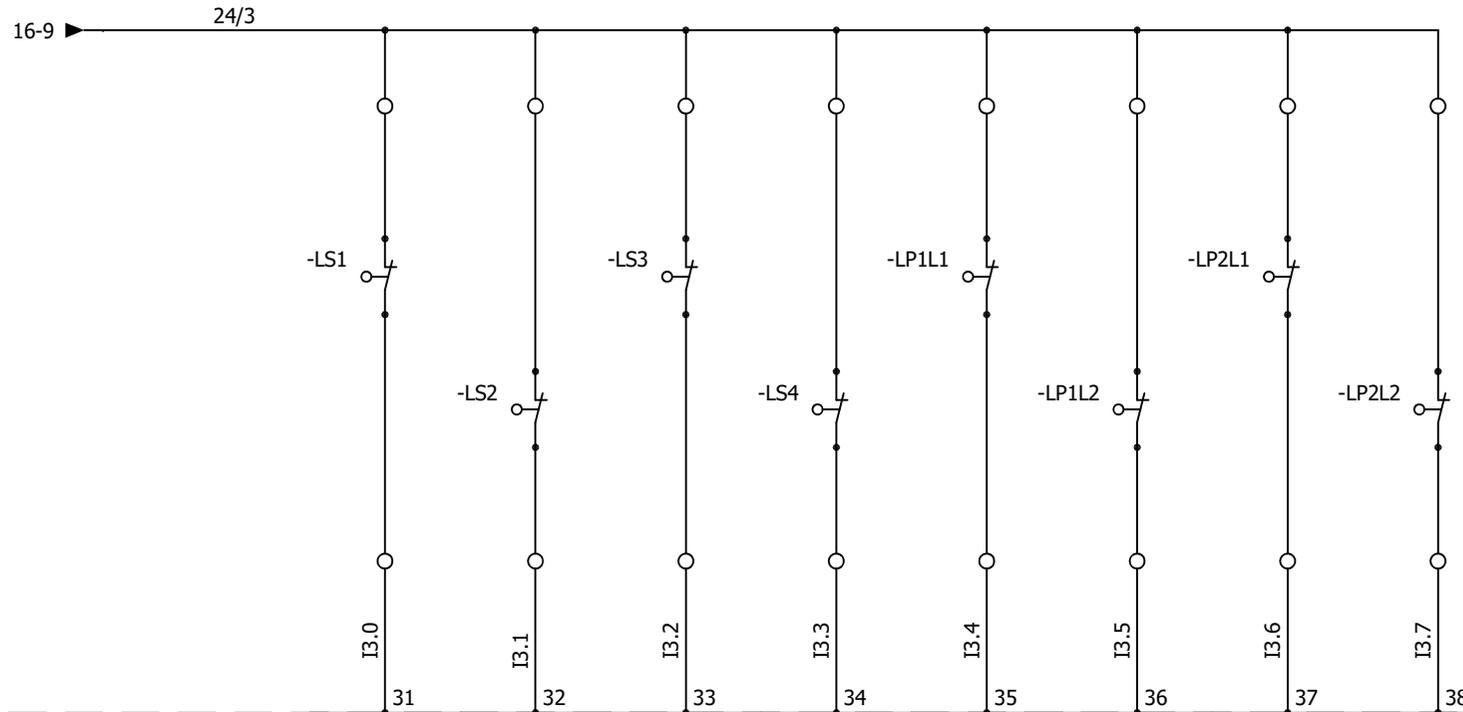
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CONFERENCE TABLE LIFT - MAIN PANEL
DIGITAL INPUTS - 3/4

CONTRACT: **DINO - KING LAM STREET** LOCATION: **+L1** Main electrical closet

				REVISION
				0
0	21/03/2023	Paul		
REV.	DATE	NAME	CHANGES	SCHEME
User data 1			User data 2	
				16



-DIP-1
 6ES7521-1BL10-0AA0
 32 WAY DI
 13-5/14-2/15-2/16-2

I3.0	I3.1	I3.2	I3.3	I3.4	I3.5	I3.6	I3.7
WAGON ULTIMATE ULT LIMIT	WAGON NORMAL NORM LIMIT	WAGON NORMAL ULT LIMIT	WAGON ULTIMATE NORM LIMIT	LOCKING PIN 1 EXTENDED	LOCKING PIN 1 RETRACTED	LOCKING PIN 2 LOCKING	LOCKING PIN 2 RETRACTED

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CONFERENCE TABLE LIFT - MAIN PANEL
DIGITAL INPUTS - 4/4

				REVISION
				0
0	21/03/2023	Paul		SCHEME
REV.	DATE	NAME	CHANGES	
User data 1			User data 2	
				17

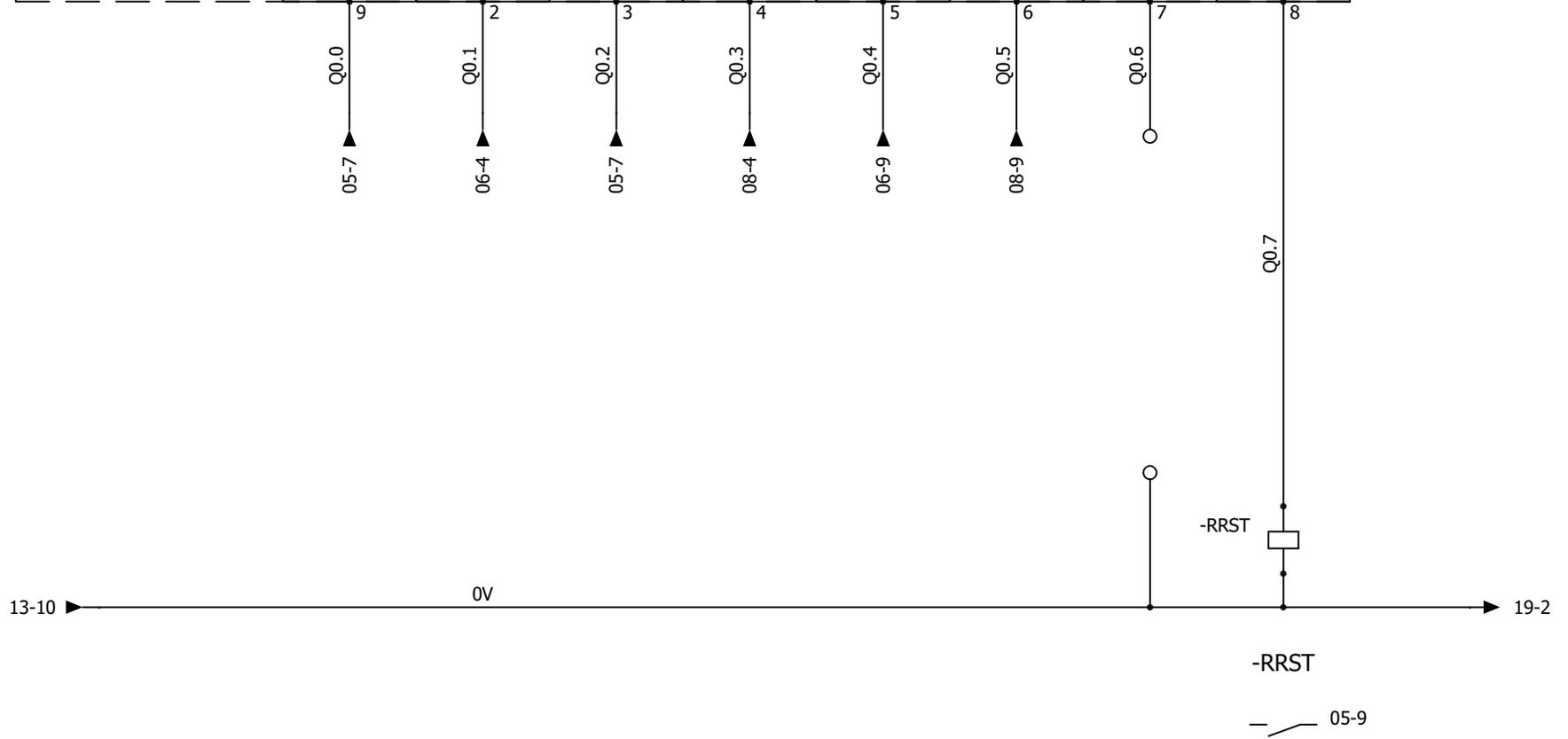
CONTRACT: DINO - KING LAM STREET

LOCATION: +L1

Main electrical closet

-DQP-1
 6ES7522-1BL10-0AA0
 32 WAY DQ
 13-6/19-2/20-2/21-2

LIFT INVERTER ENABLE	LIFT INVERTER 1 RUN	WAGON INVERTER ENABLE	WAGON INVERTER 1 RUN	LIFT INVERTER 2 RUN	WAGON INVERTER 2 RUN	SPARE	SAFETY RESET RELAY
Q0.0	Q0.1	Q0.2	Q0.3	Q0.4	Q0.5	Q0.6	Q0.7



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CONFERENCE TABLE LIFT - MAIN PANEL
DIGITAL OUTPUTS - 1/4

				REVISION
				0
0	21/03/2023	Paul		
REV.	DATE	NAME	CHANGES	SCHEME
				18

CONTRACT: DINO - KING LAM STREET

LOCATION: +L1

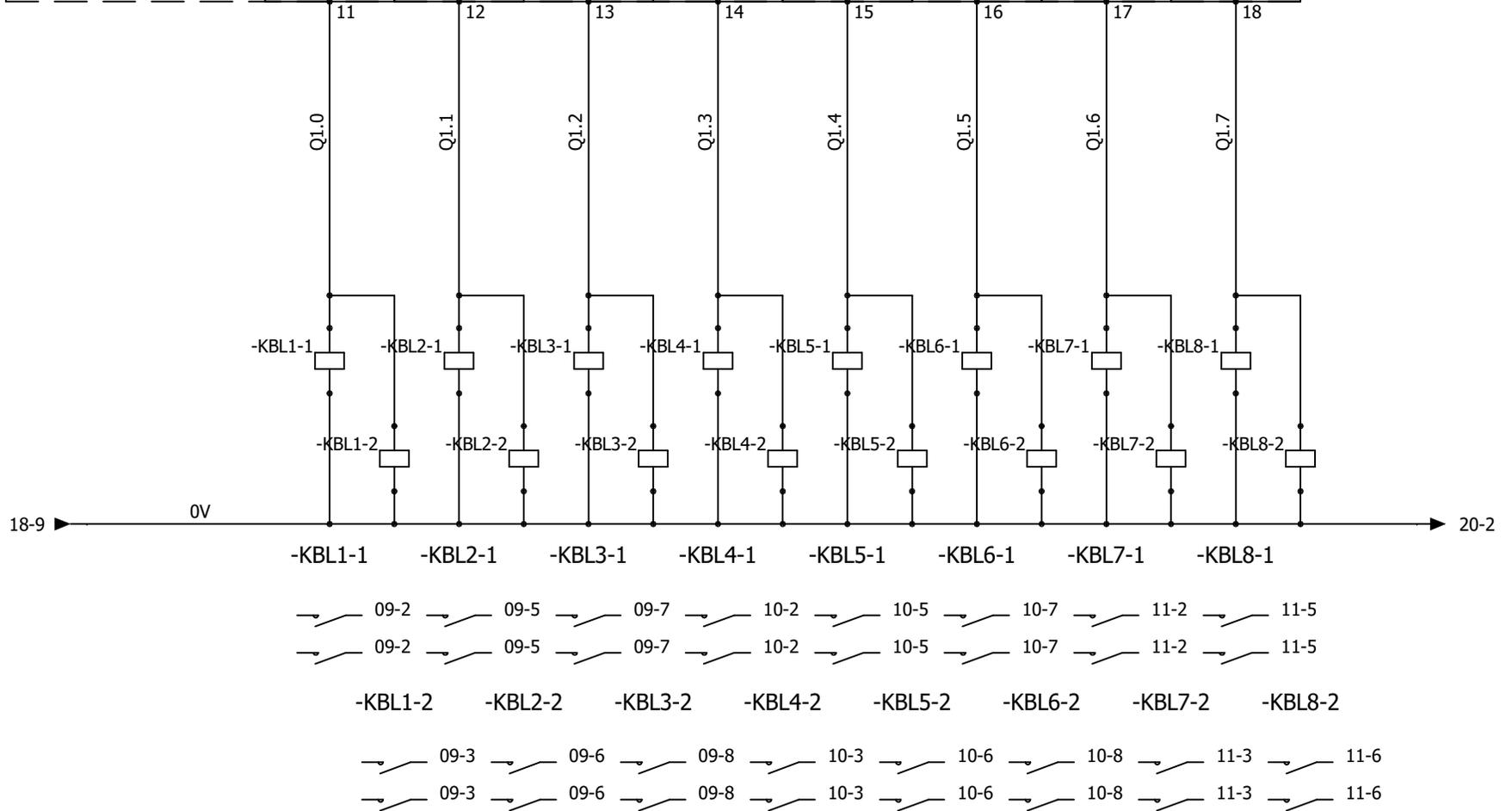
Main electrical closet

User data 1

User data 2

-DQP-1
 6ES7522-1BL10-0AA0
 32 WAY DQ
 13-6/18-2/20-2/21-2

BLOWER GROUP 1	BLOWER GROUP 2	BLOWER GROUP 3	BLOWER GROUP 4	BLOWER GROUP 5	BLOWER GROUP 6	BLOWER GROUP 7	BLOWER GROUP 8
RUN							
Q1.0	Q1.1	Q1.2	Q1.3	Q1.4	Q1.5	Q1.6	Q1.7



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CONFERENCE TABLE LIFT - MAIN PANEL
DIGITAL OUTPUTS - 2/4

				REVISION
				0
0	21/03/2023	Paul		
REV.	DATE	NAME	CHANGES	
User data 1			User data 2	
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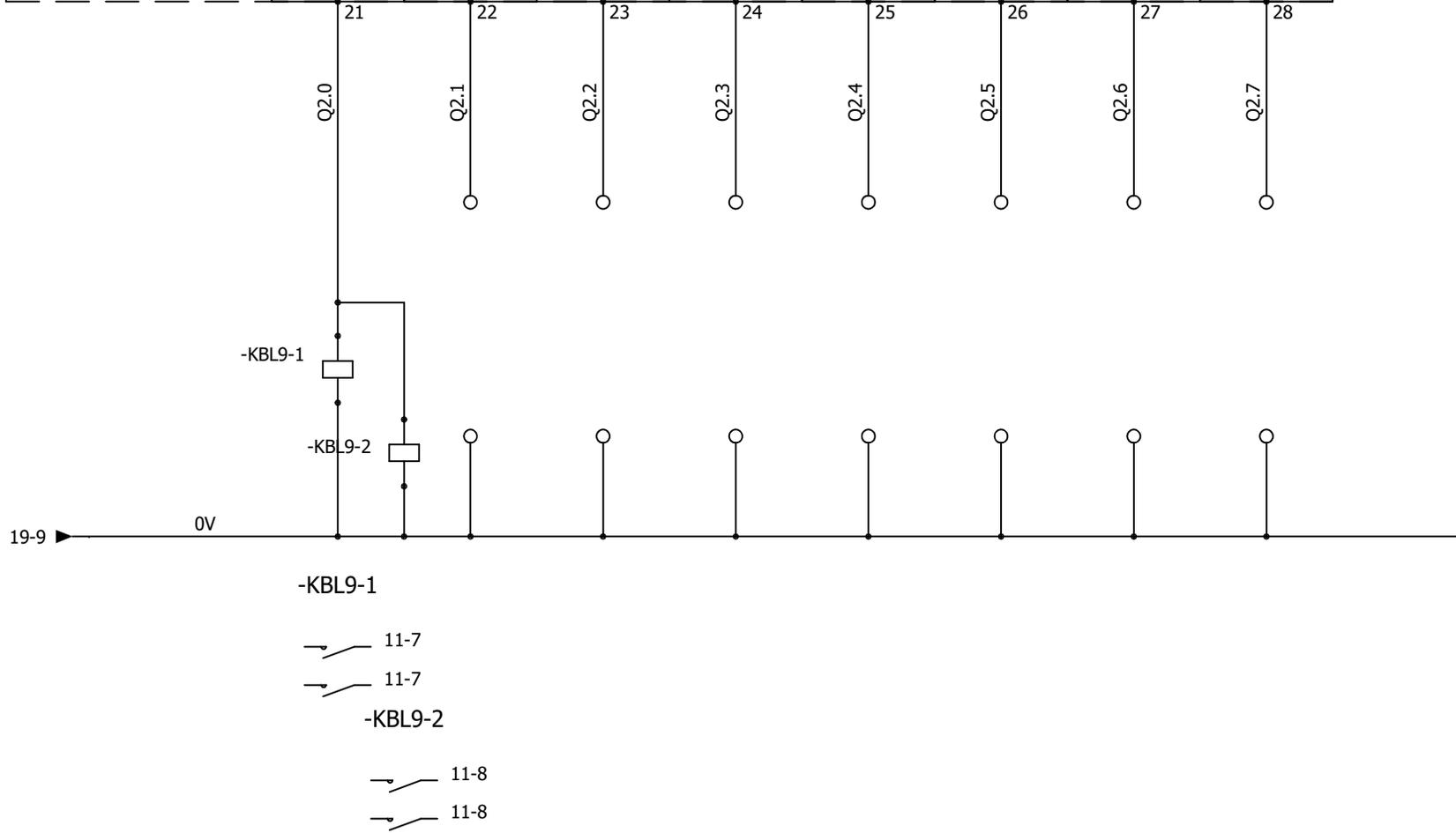
CONTRACT: DINO - KING LAM STREET

LOCATION: +L1

Main electrical closet

-DQP-1
 6ES7522-1BL10-0AA0
 32 WAY DQ
 13-6/18-2/19-2/21-2

BLOWER GROUP 9 RUN	SPARE						
Q2.0	Q2.1	Q2.2	Q2.3	Q2.4	Q2.5	Q2.6	Q2.7



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CONFERENCE TABLE LIFT - MAIN PANEL
DIGITAL OUTPUTS - 3/4

				REVISION
				0
0	21/03/2023	Paul		SCHEME
REV.	DATE	NAME	CHANGES	20
User data 1			User data 2	

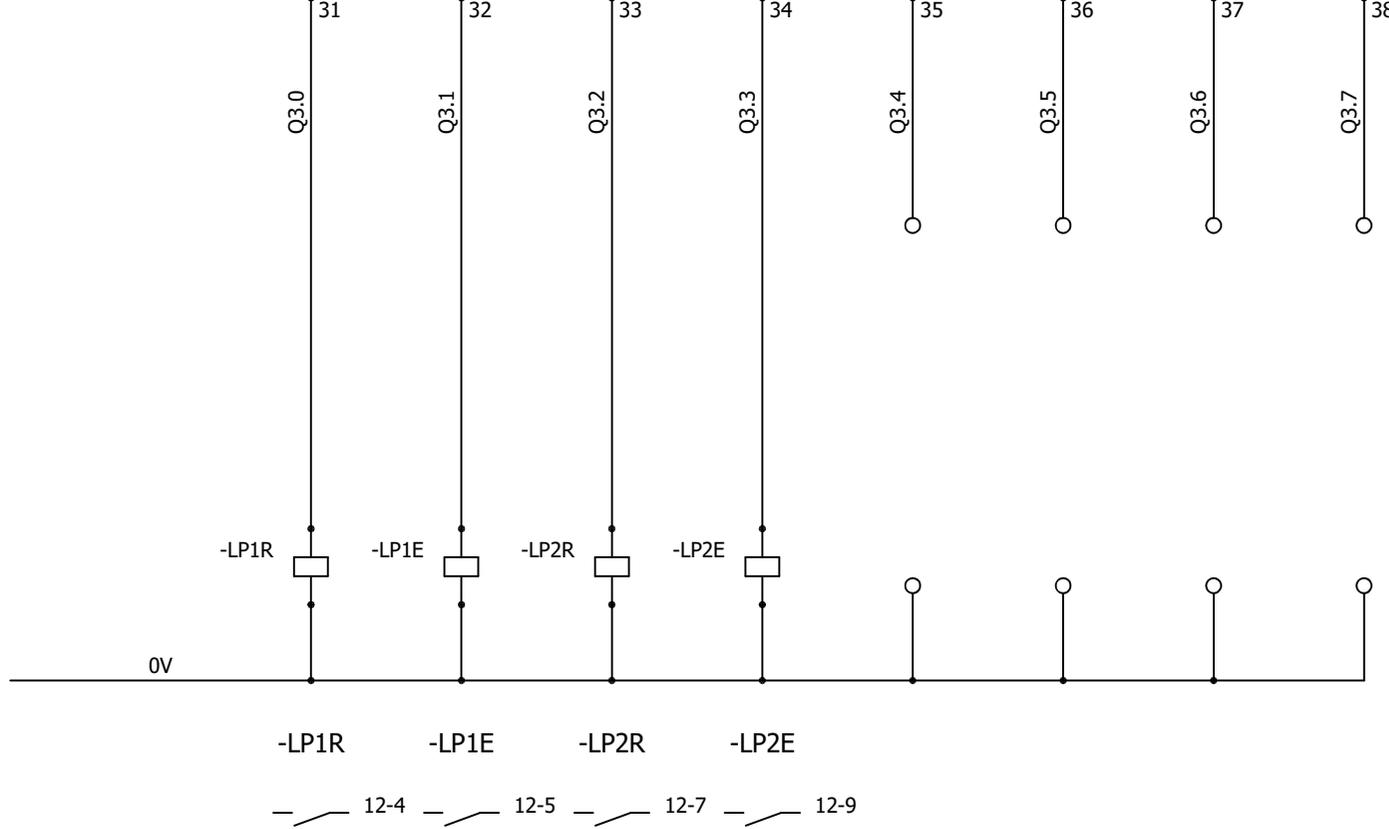
CONTRACT: DINO - KING LAM STREET

LOCATION: +L1

Main electrical closet

-DQP-1
 6ES7522-1BL10-0AA0
 32 WAY DQ
 13-6/18-2/19-2/20-2

LOCKING PIN 1 RETRACT	LOCKING PIN 1 EXTEND	LOCKING PIN 2 RETRACT	LOCKING PIN 2 EXTEND	SPARE	SPARE	SPARE	SPARE
Q3.0	Q3.1	Q3.2	Q3.3	Q3.4	Q3.5	Q3.6	Q3.7



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CONFERENCE TABLE LIFT - MAIN PANEL
DIGITAL OUTPUTS - 4/4

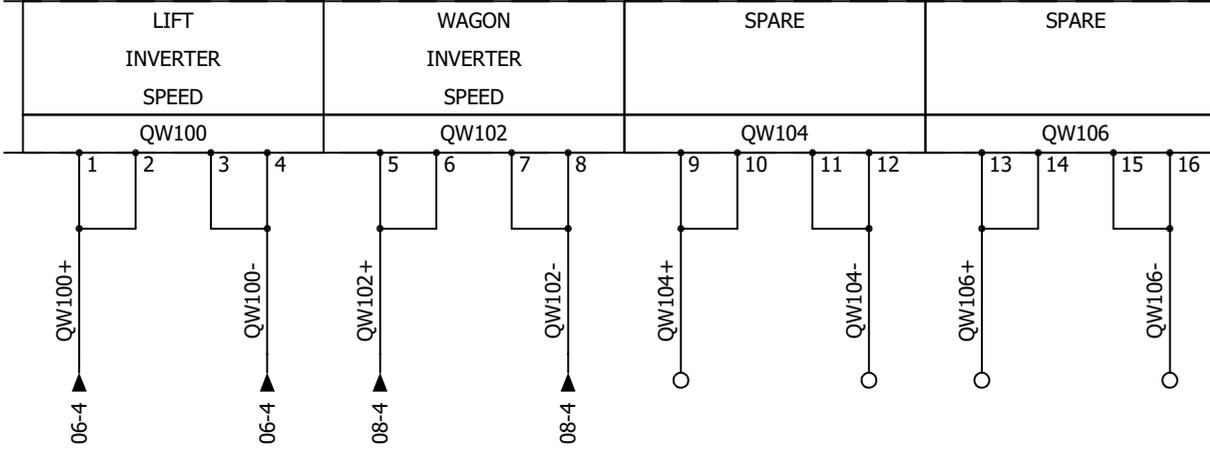
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0	21/03/2023	Paul		SCHEME
REV.	DATE	NAME	CHANGES	21
User data 1			User data 2	

CONTRACT: DINO - KING LAM STREET

LOCATION: +L1

Main electrical closet

-AQP-1
6ES7532-5ND00-0AB0
4 WAY AQ
13-8



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CONFERENCE TABLE LIFT - MAIN PANEL
ANALOGUE OUTPUTS 1

CONTRACT: DINO - KING LAM STREET

LOCATION: +L1

Main electrical closet

				REVISION
				0
0	21/03/2023	Paul		SCHEME
REV.	DATE	NAME	CHANGES	22
User data 1			User data 2	