1	2	3	4	5	6	7	8	9	10

NORTH MUSIC TRUST

GLASSHOUSE

SAGE ONE

LX TRUSS 3

MAIN PANEL

2578

AAC Technical Services Ltd
Unit 2, Brunel Business Court
Brunel Way, Thetford, Norfolk IP24 1HP

LX TRUSS 3 MAIN PANEL
COVER

REV.	DATE	NAME	CHANGES
0	20/04/2026	TW	

REVISION 0

SCHEME 01

CONTRACT: GLASSHOUSE - SAGE ONE

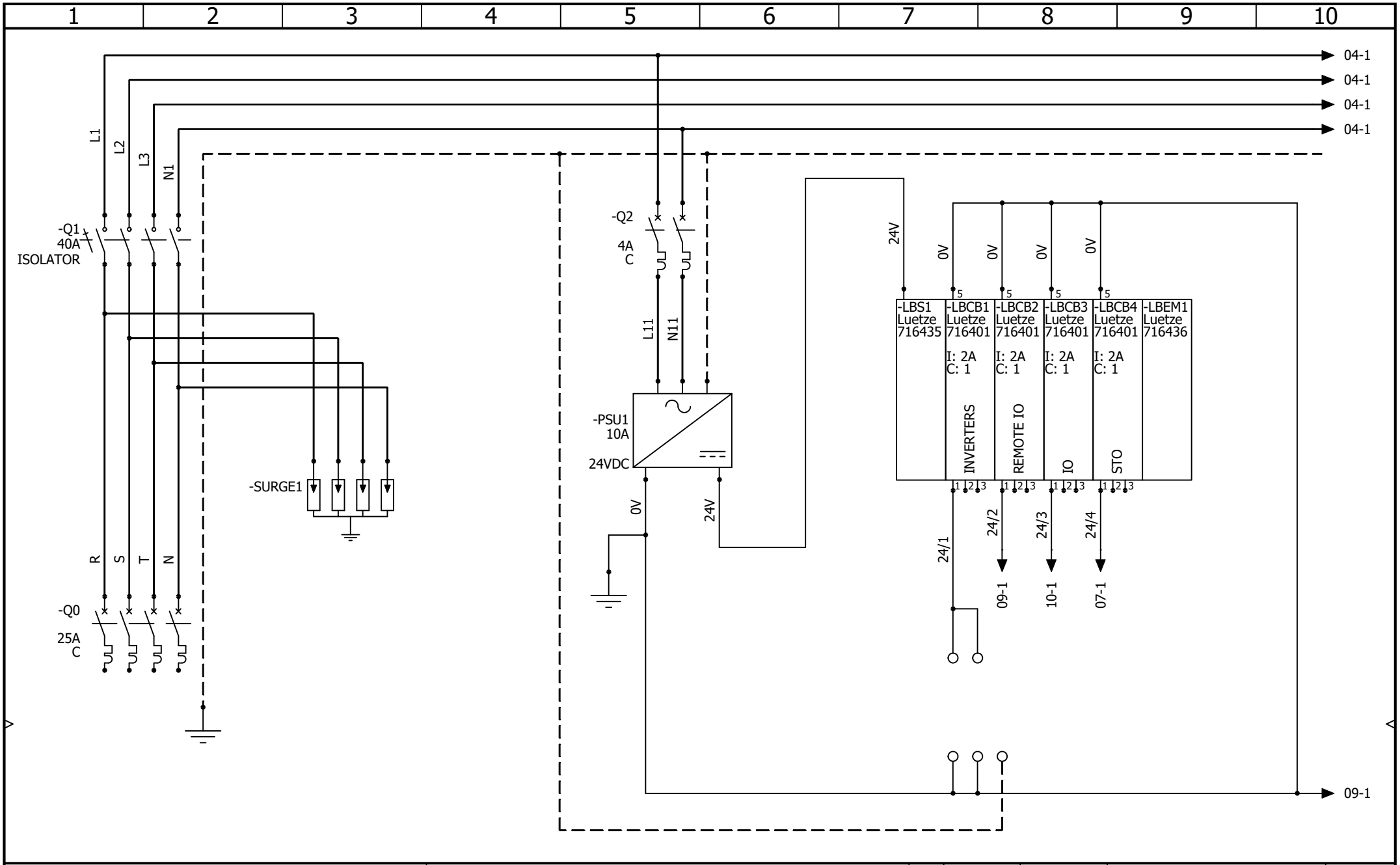
LOCATION: +L10 LX TRUSS 3

User data 1

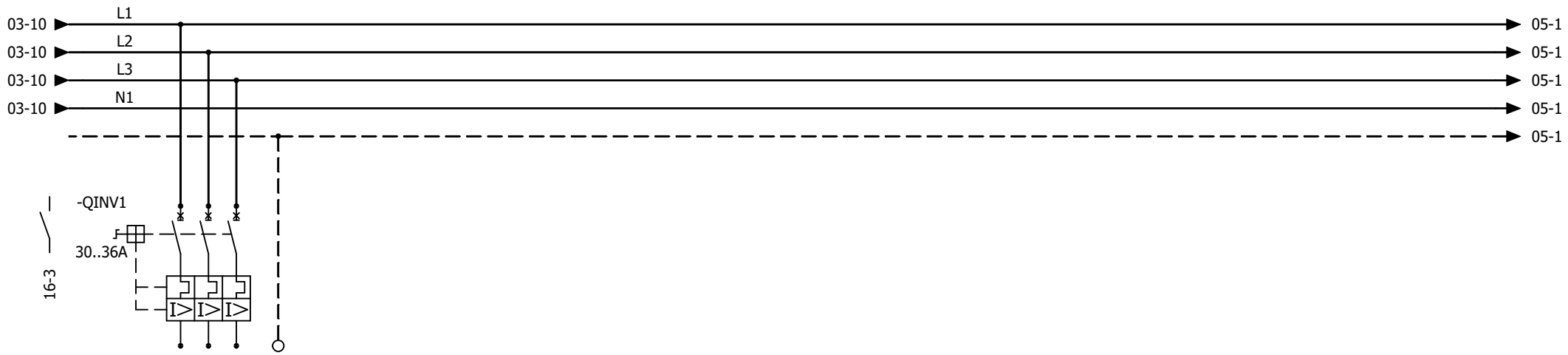
User data 2

5-LX TRUSS 1 MAIN PANEL

Drawing	Description	Function	Location	Revision	Date	Created by
01	COVER	=F1	+L8	0	29/03/2026	TW
02	Drawings list	=F1	+L8	0	31/03/2026	TW
03	POWER DISTRIBUTION	=F1	+L8	0	30/03/2026	TW
04	INVERTER SUPPLY	=F1	+L8	0	30/03/2026	TW
05	MOTOR 1 AND BRAKE CONTROL	=F1	+L8	0	30/03/2026	TW
06	MOTOR 2 AND BRAKE CONTROL	=F1	+L8	0	30/03/2026	TW
07	MANUAL - SAFETY SWITCH OVER	=F1	+L8	0	19/04/2026	TW
08	INVERTER CONTROL	=F1	+L8	0	19/04/2026	TW
09	PANEL NETWORK	=F1	+L8	0	30/03/2026	TW
10	PLC IO LAYOUT	=F1	+L8	0	30/03/2026	TW
11	FAILSAFE DIGITAL INPUTS 1	=F1	+L8	0	30/03/2026	TW
12	FAILSAFE DIGITAL INPUTS 2	=F1	+L8	0	30/03/2026	TW
13	FAILSAFE DIGITAL INPUTS 3	=F1	+L8	0	30/03/2026	TW
14	FAILSAFE DIGTIAL OUTPUTS 1	=F1	+L8	0	30/03/2026	TW
18	FAILSAFE DIGTIAL OUTPUTS 2	=F1	+L8	0	19/04/2026	TW
15	DIGITAL INPUTS 1	=F1	+L8	0	31/03/2026	TW
16	ENCODER INPUT 1	=F1	+L8	0	31/03/2026	TW
17	PANEL LAYOUT	=F1	+L8	0	31/03/2026	TW



AAC Theatre Systems Unit 2, Brunel Business Court Brunel Way, Thetford, Norfolk IP24 1HP	LX TRUSS 3 MAIN PANEL POWER DISTRIBUTION				REVISION 0
		0	20/04/2026	TW	SCHEME 03
		REV.	DATE	NAME	CHANGES
CONTRACT: GLASSHOUSE - SAGE ONE	LOCATION: +L10 LX TRUSS 3	User data 1		User data 2	



INVERTER
SUPPLY PLUG

AAC Technical Services Ltd
Unit 2, Brunel Business Court
Brunel Way, Thetford, Norfolk IP24 1HP

LX TRUSS 3 MAIN PANEL

INVERTER SUPPLY

REV.	DATE	NAME	CHANGES
0	20/04/2026	TW	

User data 1

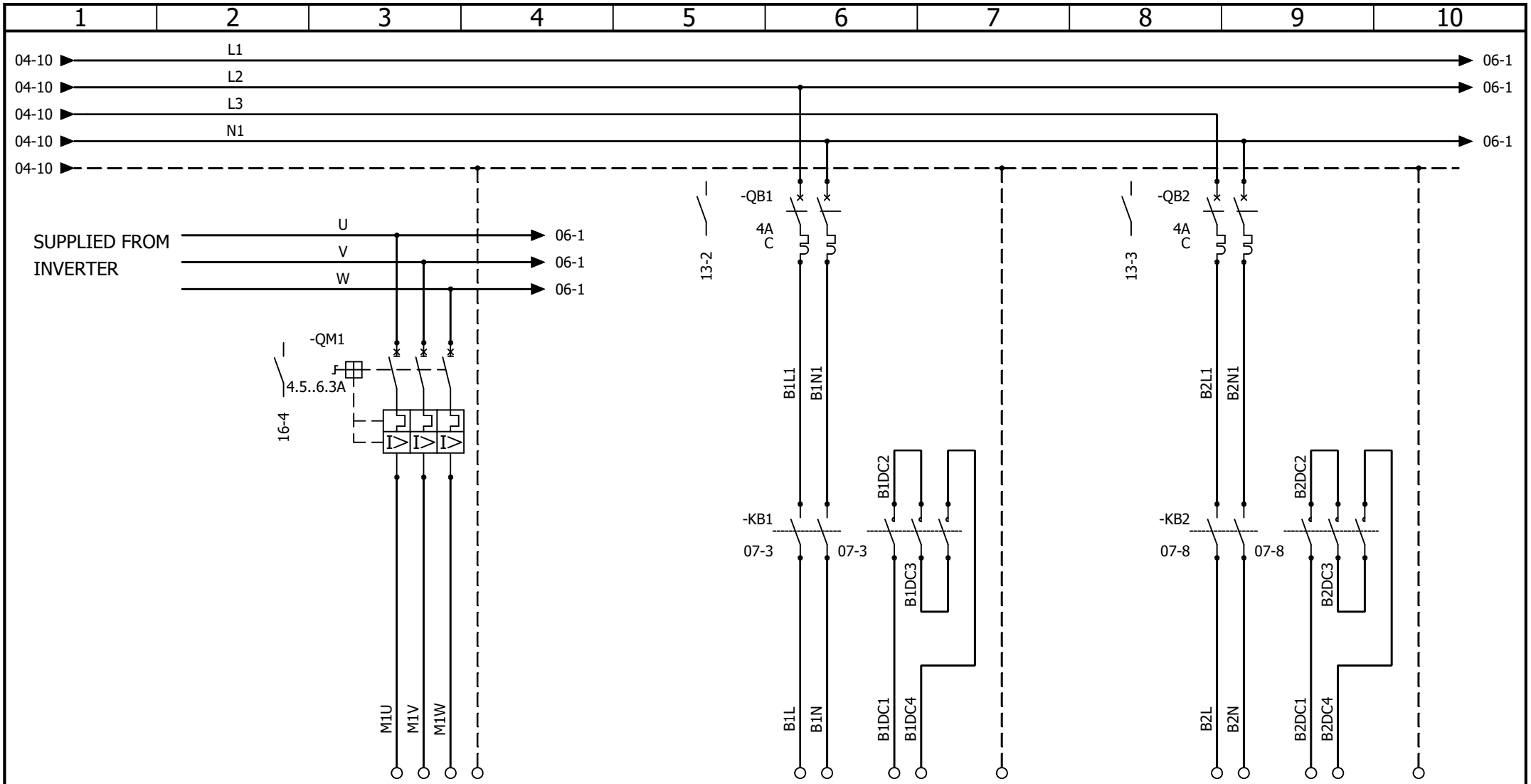
User data 2

REVISION 0

SCHEME 04

CONTRACT: GLASSHOUSE - SAGE ONE

LOCATION: +L10 LX TRUSS 3



AAC Technical Services Ltd
Unit 2, Brunel Business Court
Brunel Way, Thetford, Norfolk IP24 1HP

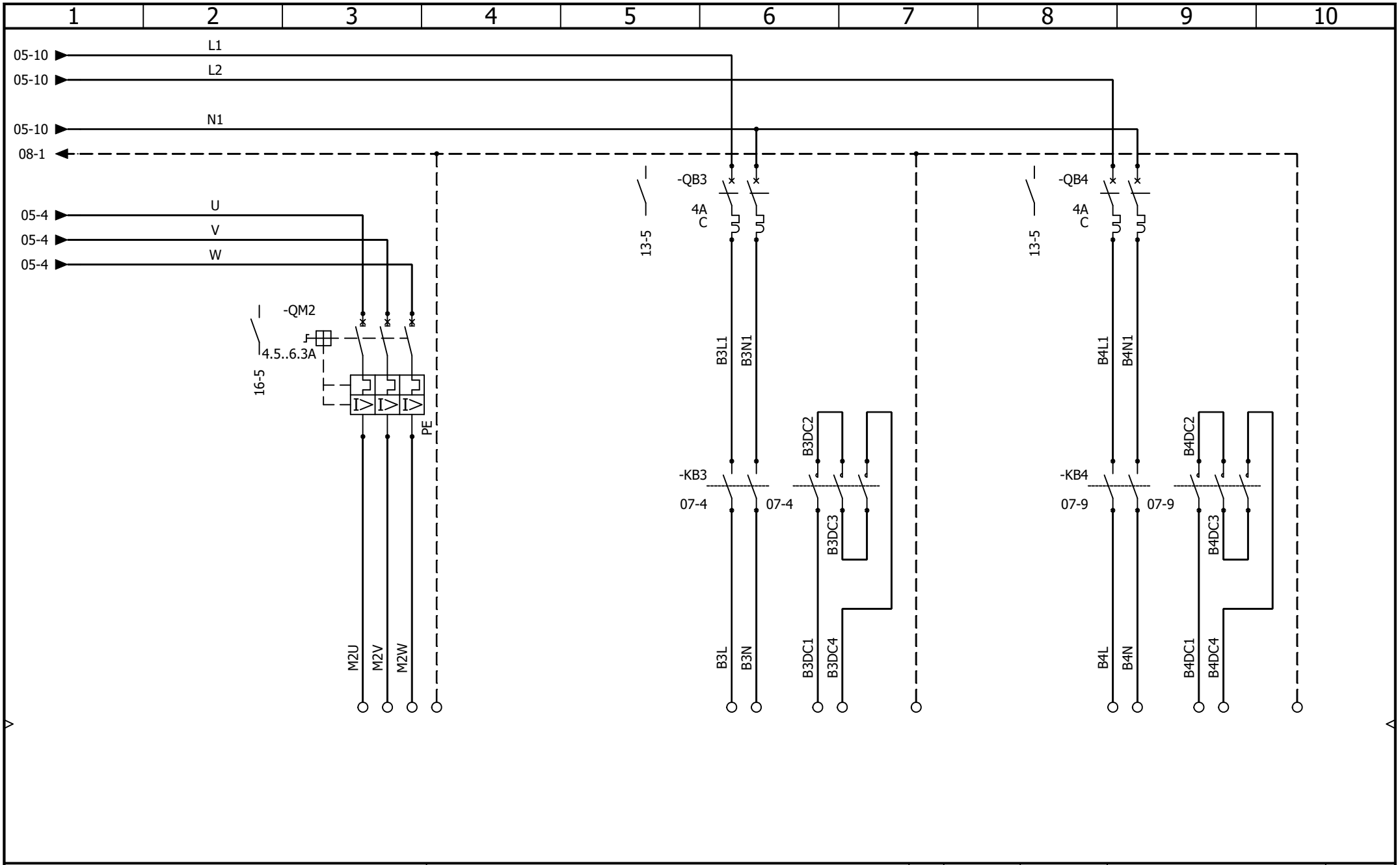
LX TRUSS 3 MAIN PANEL
MOTOR 1 AND BRAKE CONTROL

REV.	DATE	NAME	CHANGES
0	20/04/2026	TW	

User data 1
User data 2

REVISION 0
SCHEME 05

CONTRACT: GLASSHOUSE - SAGE ONE
LOCATION: +L10 LX TRUSS 3



AAC Technical Services Ltd
Unit 2, Brunel Business Court
Brunel Way, Thetford, Norfolk IP24 1HP

LX TRUSS 3 MAIN PANEL
MOTOR 2 AND BRAKE CONTROL

REV.	DATE	NAME	CHANGES
0	20/04/2026	TW	

User data 1

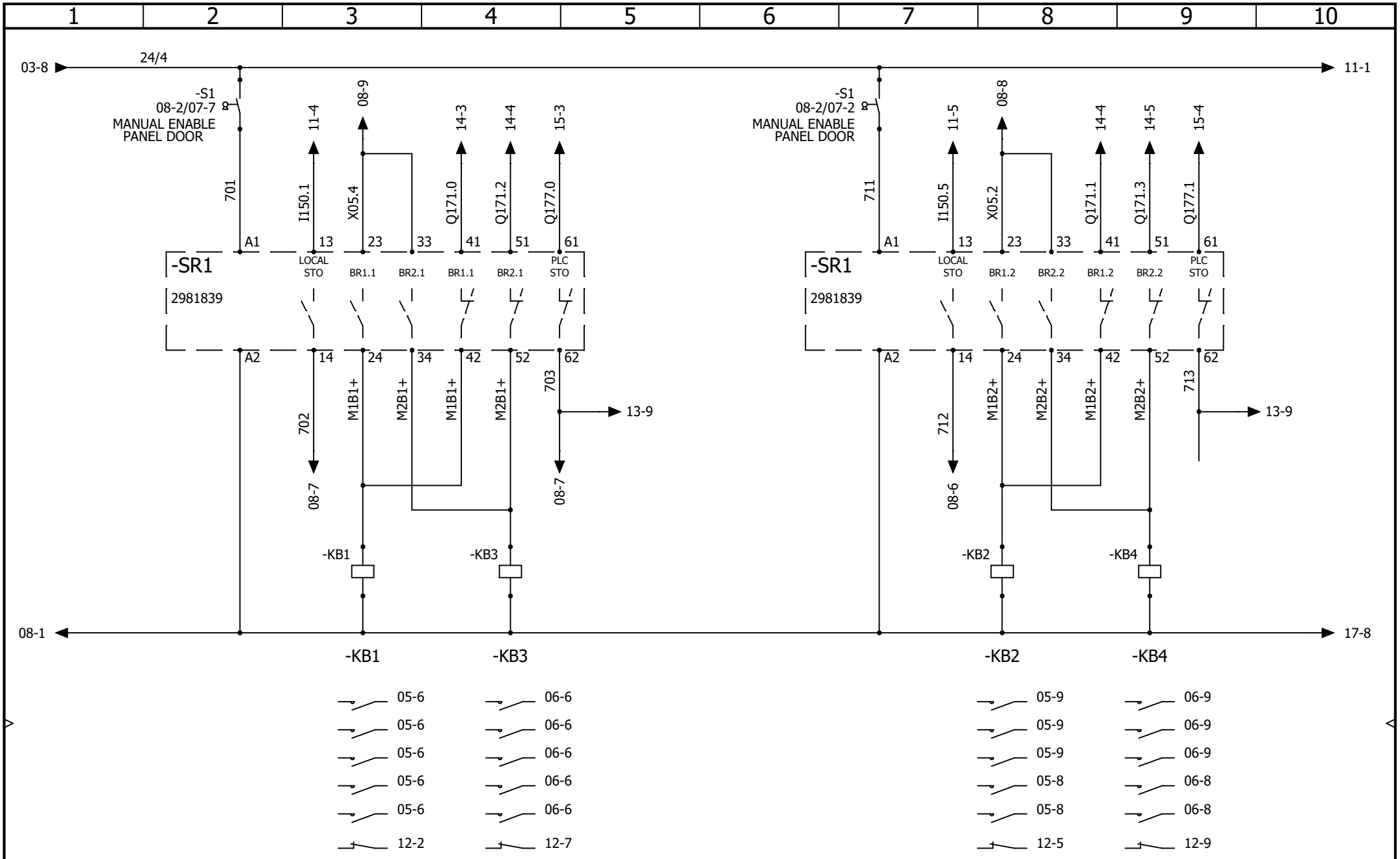
User data 2

REVISION 0

SCHEME 06

CONTRACT: GLASSHOUSE - SAGE ONE

LOCATION: +L10 LX TRUSS 3



AAC Technical Services Ltd
Unit 2, Brunel Business Court
Brunel Way, Thetford, Norfolk IP24 1HP

LX TRUSS 3 MAIN PANEL

MANUAL - SAFETY SWITCH OVER

REV.	DATE	NAME	CHANGES
0	20/04/2026	TW	

User data 1

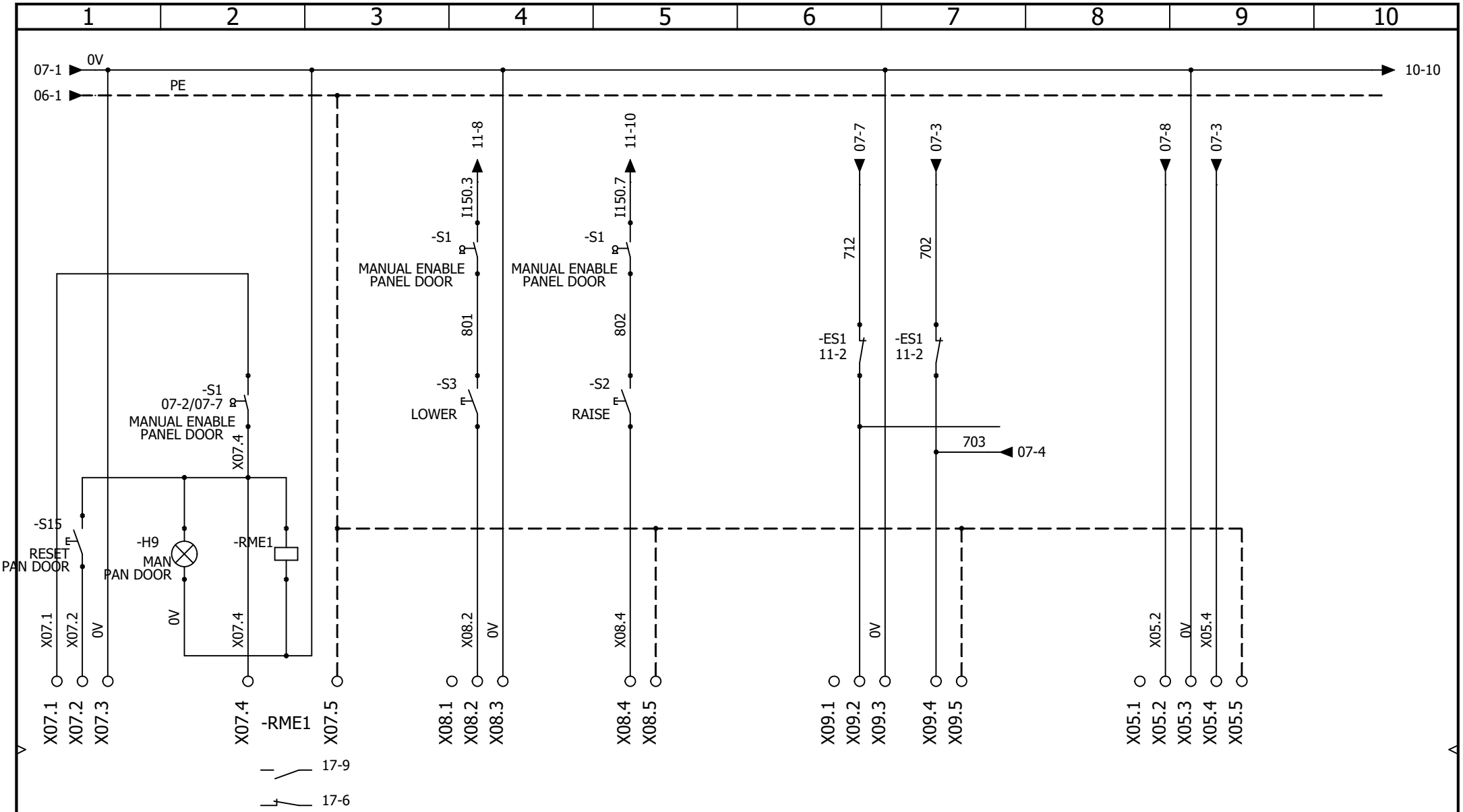
User data 2

REVISION 0

SCHEME 07

CONTRACT: GLASSHOUSE - SAGE ONE

LOCATION: +L10 LX TRUSS 3



AAC Technical Services Ltd
Unit 2, Brunel Business Court
Brunel Way, Thetford, Norfolk IP24 1HP

LX TRUSS 3 MAIN PANEL
INVERTER CONTROL

REV.	DATE	NAME	CHANGES
0	20/04/2026	TW	

User data 1
User data 2

REVISION 0
SCHEME 08

CONTRACT: GLASSHOUSE - SAGE ONE
LOCATION: +L10
LX TRUSS 3

AAC Theatre Systems
Unit 2, Brunel Business Court
Brunel Way, Thetford, Norfolk IP24 1HP

A A C Theatre Systems

CONTRACT: GLASSHOUSE - SAGE ONE

LX TRUSS 3 MAIN PANEL

PANEL NETWORK

LOCATION: +L10 LX TRUSS 3

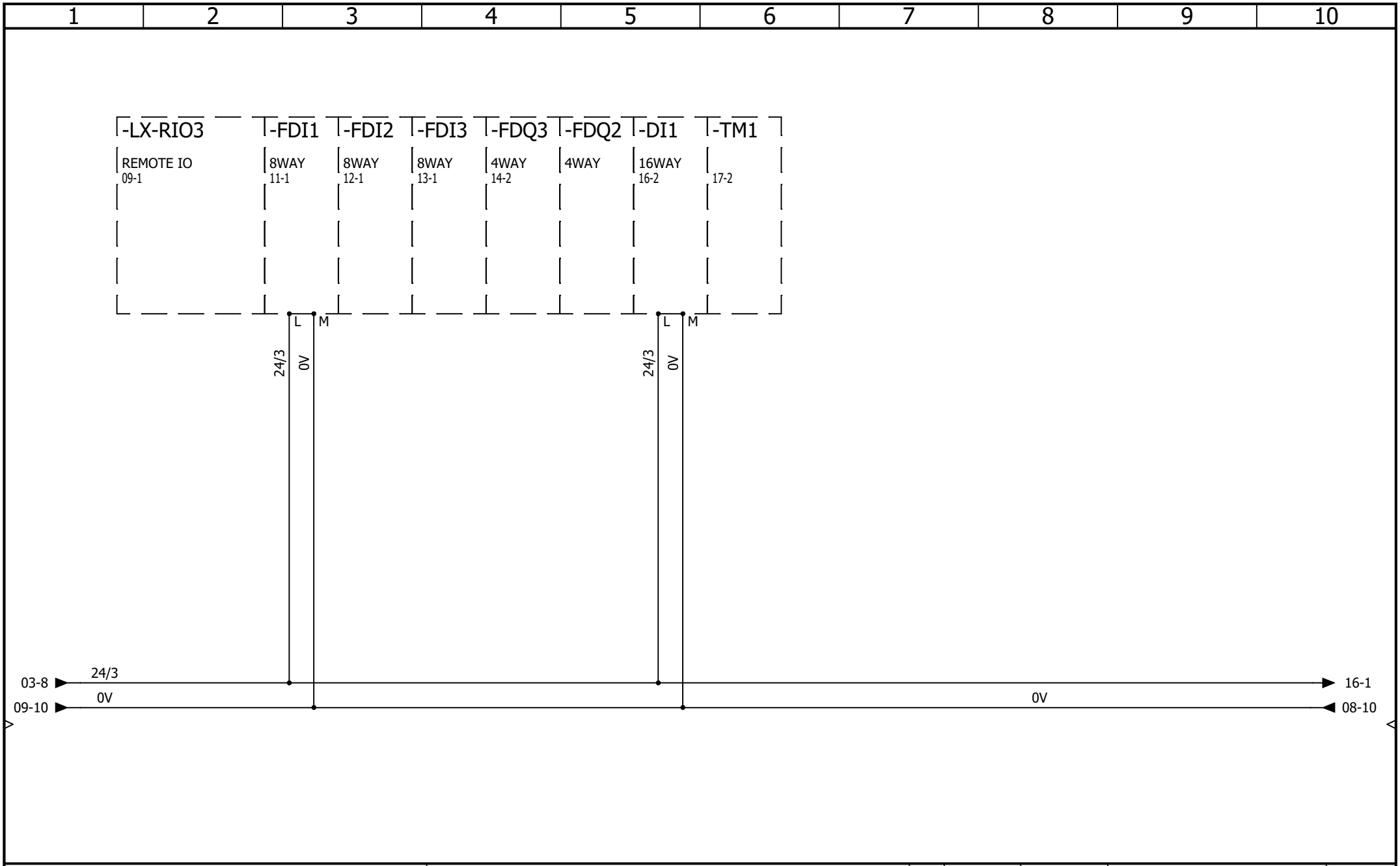
REV.	DATE	NAME	CHANGES
0	20/04/2026	TW	

User data 1

User data 2

REVISION 0

SCHEME 09



AAC Theatre Systems
Unit 2, Brunel Business Court
Brunel Way, Thetford, Norfolk IP24 1HP

A A C Theatre Systems

CONTRACT: GLASSHOUSE - SAGE ONE

LX TRUSS 3 MAIN PANEL

PLC IO LAYOUT

LOCATION: +L10 LX TRUSS 3

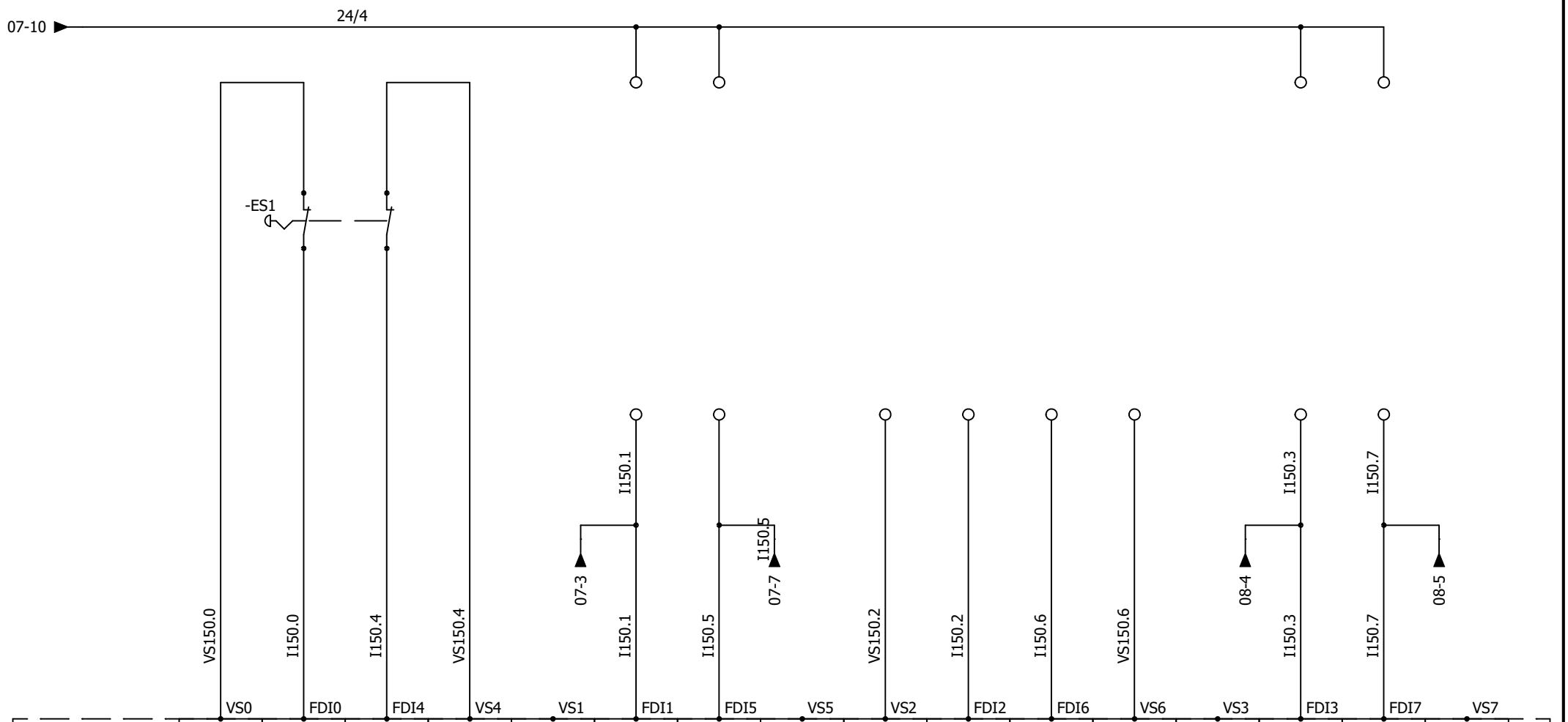
REV.	DATE	NAME	CHANGES
0	20/04/2026	TW	

User data 1

User data 2

REVISION 0

SCHEME 10



-FDI1	VS0	I150.0	I150.4	VS4	VS1	I150.1	I150.5	VS5	VS2	I150.2	I150.6	VS6	VS3	I150.3	I150.7	VS7
6ES7 136-6BA01-0CA0 8WAY 10-2		PANEL EMERGENCY STOP CHANNEL 1	PANEL EMERGENCY STOP CHANNEL 2			EMERGENCY PULL CORD CHANNEL 1	EMERGENCY PULL CORD CHANNEL 2			SPARE CHANNEL 1	SPARE CHANNEL 2			ULTIMATE BOTTOM LIMIT	ULTIMATE TOP LIMIT	

AAC Theatre Systems
Unit 2, Brunel Business Court
Brunel Way, Thetford, Norfolk IP24 1HP

CONTRACT: GLASSHOUSE - SAGE ONE

LX TRUSS 3 MAIN PANEL

FAILSAFE DIGITAL INPUTS 1

LOCATION: +L10 LX TRUSS 3

REV.	DATE	NAME	CHANGES
0	20/04/2026	TW	

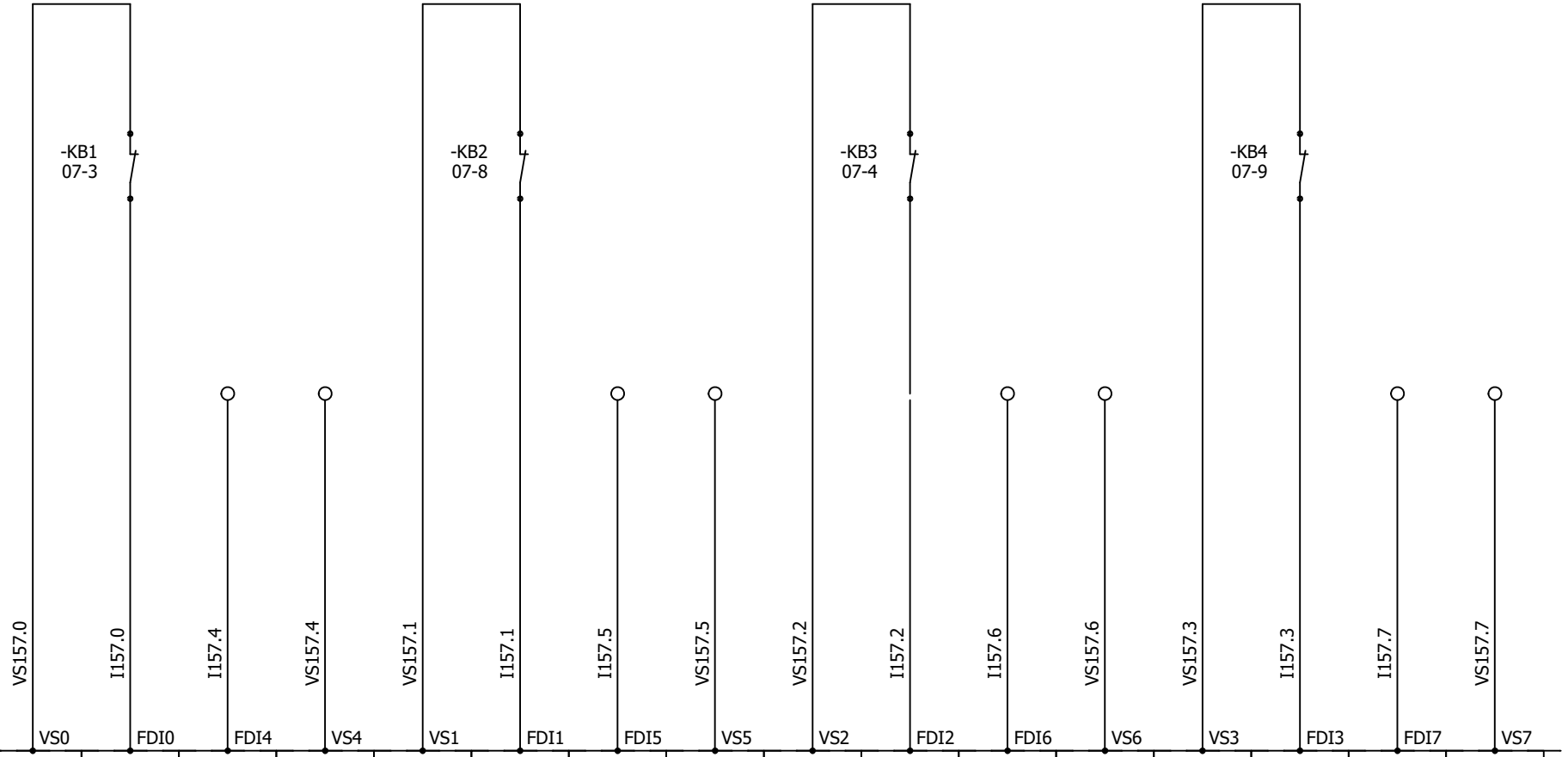
User data 1

User data 2

REVISION 0

SCHEME 11

1	2	3	4	5	6	7	8	9	10



-FDI2 6ES7 136-6BA01-0CA0 8WAY 10-3	VS0	I157.0	I157.4	VS4	VS1	I157.1	I157.5	VS5	VS2	I157.2	I157.6	VS6	VS3	I157.3	I157.7	VS7
		MOTOR 1 BRAKE 1 CONTACTOR FEEDBACK	MOTOR 1 BRAKE 1 FEEDBACK			MOTOR 1 BRAKE 2 CONTACTOR FEEDBACK	MOTOR 1 BRAKE 2 FEEDBACK			MOTOR 2 BRAKE 1 CONTACTOR FEEDBACK	MOTOR 2 BRAKE 1 FEEDBACK			MOTOR 2 BRAKE 2 CONTACTOR FEEDBACK	MOTOR 2 BRAKE 2 FEEDBACK	

AAC Theatre Systems
Unit 2, Brunel Business Court
Brunel Way, Thetford, Norfolk IP24 1HP
A A C Theatre Systems

LX TRUSS 3 MAIN PANEL

FAILSAFE DIGITAL INPUTS 2

REV.	DATE	NAME	CHANGES
0	20/04/2026	TW	

User data 1

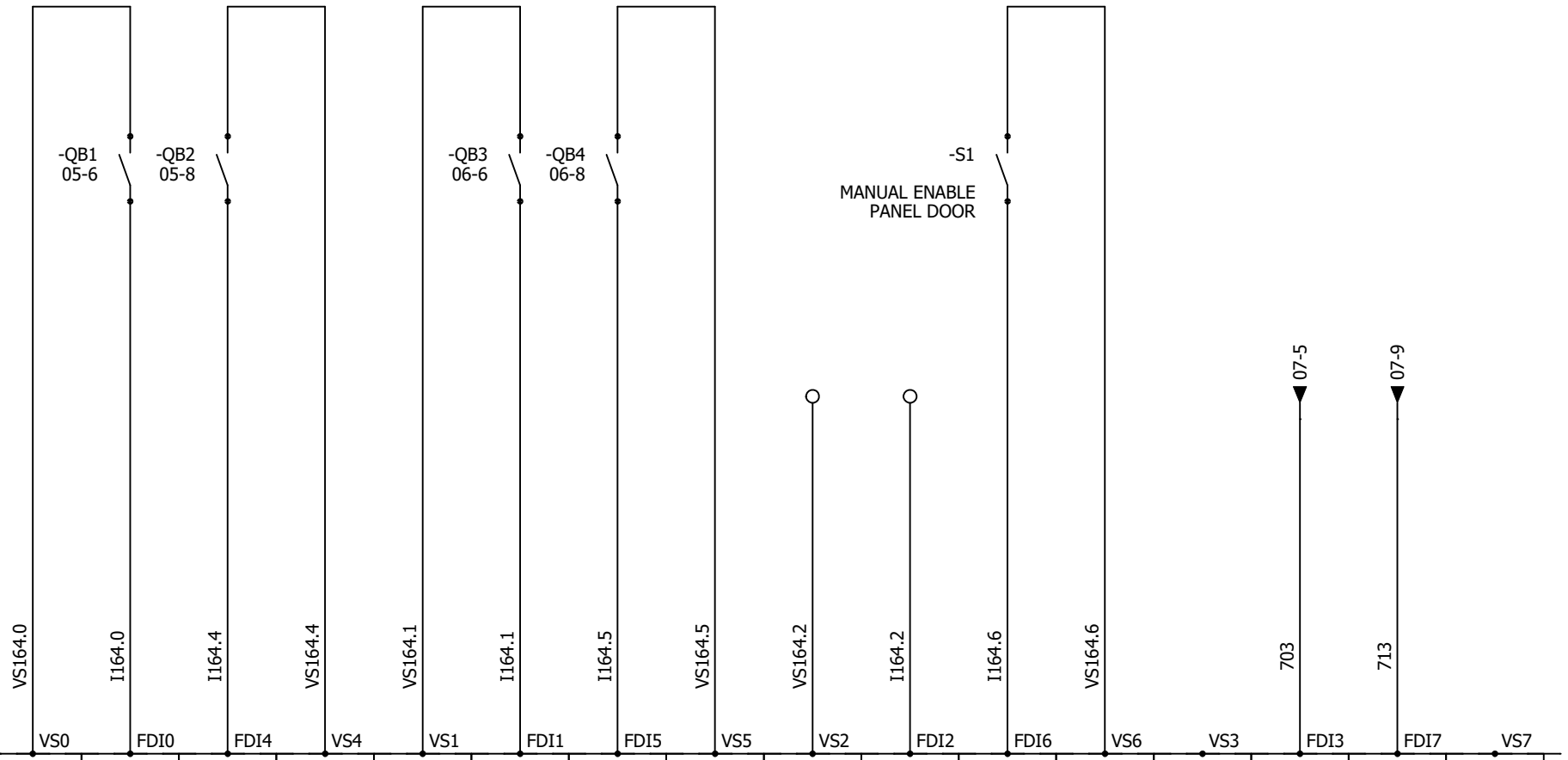
User data 2

REVISION 0

SCHEME 12

CONTRACT: GLASSHOUSE - SAGE ONE

LOCATION: +L10 LX TRUSS 3



-FDI3	VS0	I164.0	I164.4	VS4	VS1	I164.1	I164.5	VS5	VS2	I164.2	I164.6	VS6	VS3	I164.3	I164.7	VS7
6ES7 136-6BA01-0CA0 8WAY 10-3		MOTOR 1 BRAKE 1 CIRCUIT BREAKER AUX	MOTOR 1 BRAKE 2 CIRCUIT BREAKER AUX			MOTOR 2 BRAKE 1 CIRCUIT BREAKER AUX	MOTOR 2 BRAKE 2 CIRCUIT BREAKER AUX			THROUGH BEAM SENSOR	LOCAL CONTROL ACTIVE			SR1 NOT ENABLED	SR2 NOT ENABLED	

AAC Theatre Systems
Unit 2, Brunel Business Court
Brunel Way, Thetford, Norfolk IP24 1HP

LX TRUSS 3 MAIN PANEL

FAILSAFE DIGITAL INPUTS 3

REV.	DATE	NAME	CHANGES
0	20/04/2026	TW	

User data 1

User data 2

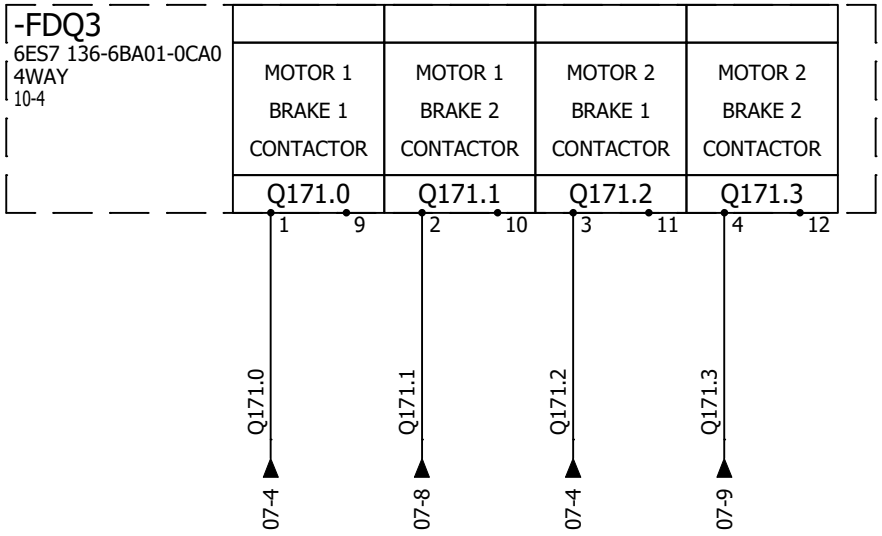
REVISION 0

SCHEME 13

CONTRACT: GLASSHOUSE - SAGE ONE

LOCATION: +L10 LX TRUSS 3

1	2	3	4	5	6	7	8	9	10



AAC Theatre Systems
Unit 2, Brunel Business Court
Brunel Way, Thetford, Norfolk IP24 1HP

A A C Theatre Systems

CONTRACT: GLASSHOUSE - SAGE ONE

LX TRUSS 3 MAIN PANEL

FAILSAFE DIGTIAL OUTPUTS 1

LOCATION: +L10 LX TRUSS 3

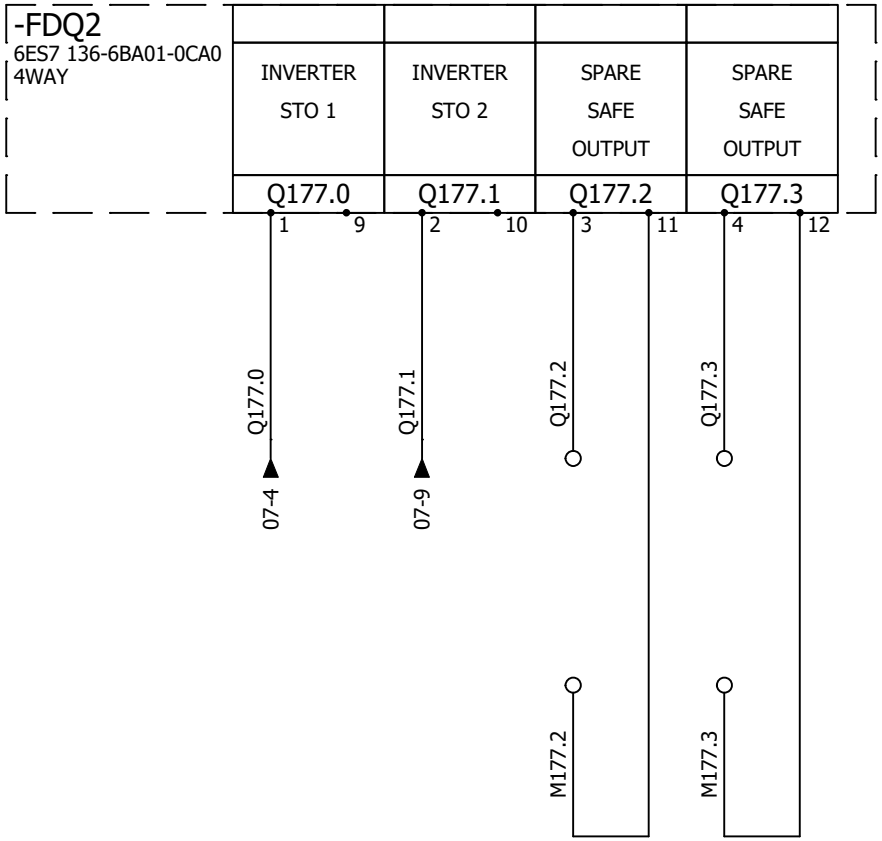
REV.	DATE	NAME	CHANGES
0	20/04/2026	TW	

User data 1

User data 2

REVISION 0

SCHEME 14



AAC Theatre Systems
Unit 2, Brunel Business Court
Brunel Way, Thetford, Norfolk IP24 1HP

CONTRACT: GLASSHOUSE - SAGE ONE

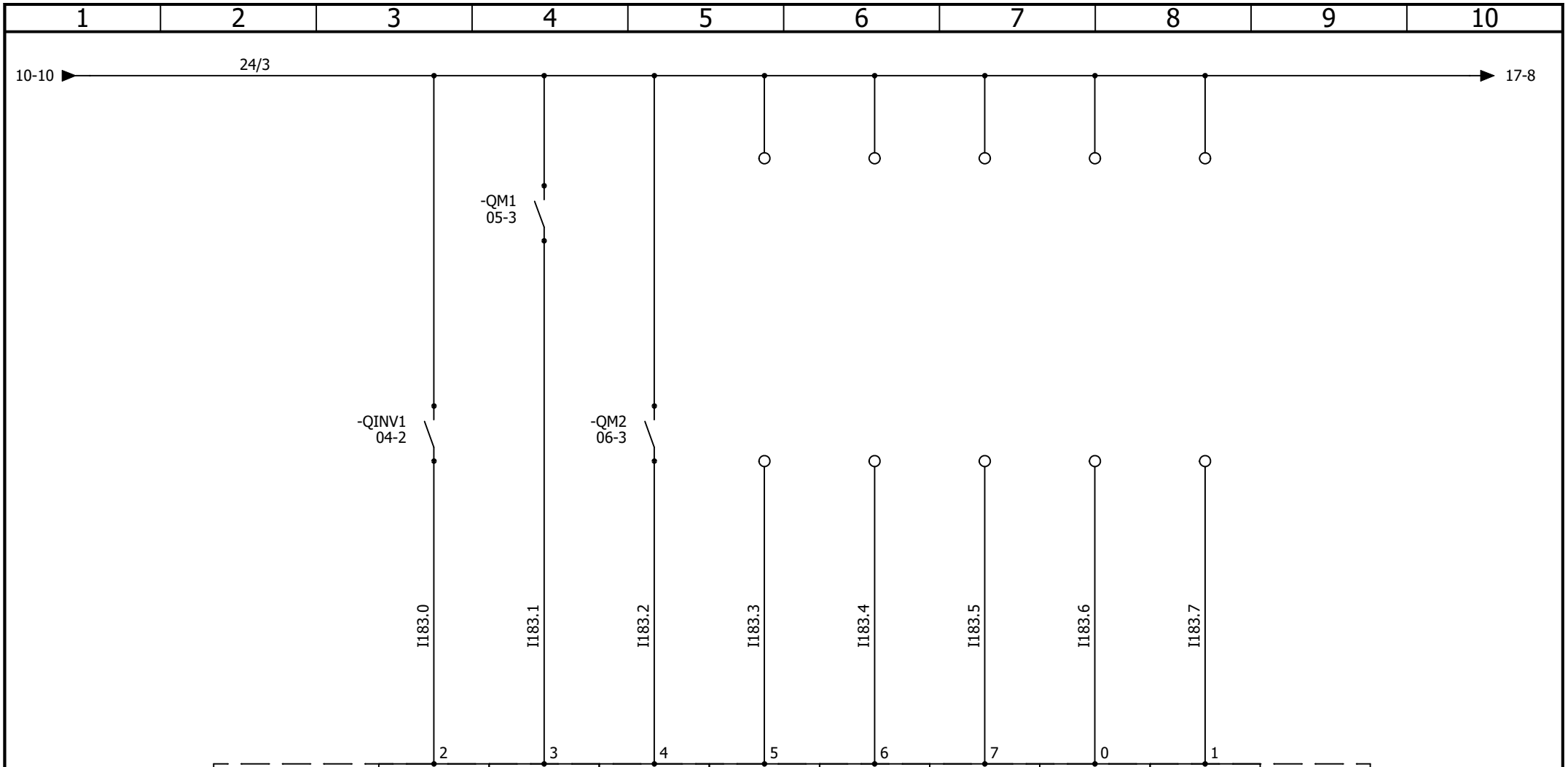
LOCATION: +L10 LX TRUSS 3

LX TRUSS 3 MAIN PANEL
FAILSAFE DIGTIAL OUTPUTS 2

REV.	DATE	NAME	CHANGES
0	20/04/2026	TW	

User data 1
User data 2

REVISION 0
SCHEME 15



-DI1	I183.0	I183.1	I183.2	I183.3	I183.4	I183.5	I183.6	I183.7
16WAY 10-5	INVERTER OVERLOAD OK	MOTOR 1 OVERLOAD OK	MOTOR 2 OVERLOAD OK	SPARE	NORMAL BOTTOM LIMIT OK	NORMAL TOP LIMIT OK	MOTOR 1 ISOLATOR OK	MOTOR 2 ISOLATOR OK

AAC Theatre Systems
Unit 2, Brunel Business Court
Brunel Way, Thetford, Norfolk IP24 1HP
A A C Theatre Systems

LX TRUSS 3 MAIN PANEL

DIGITAL INPUTS 1

REV.	DATE	NAME	CHANGES
0	20/04/2026	TW	

User data 1

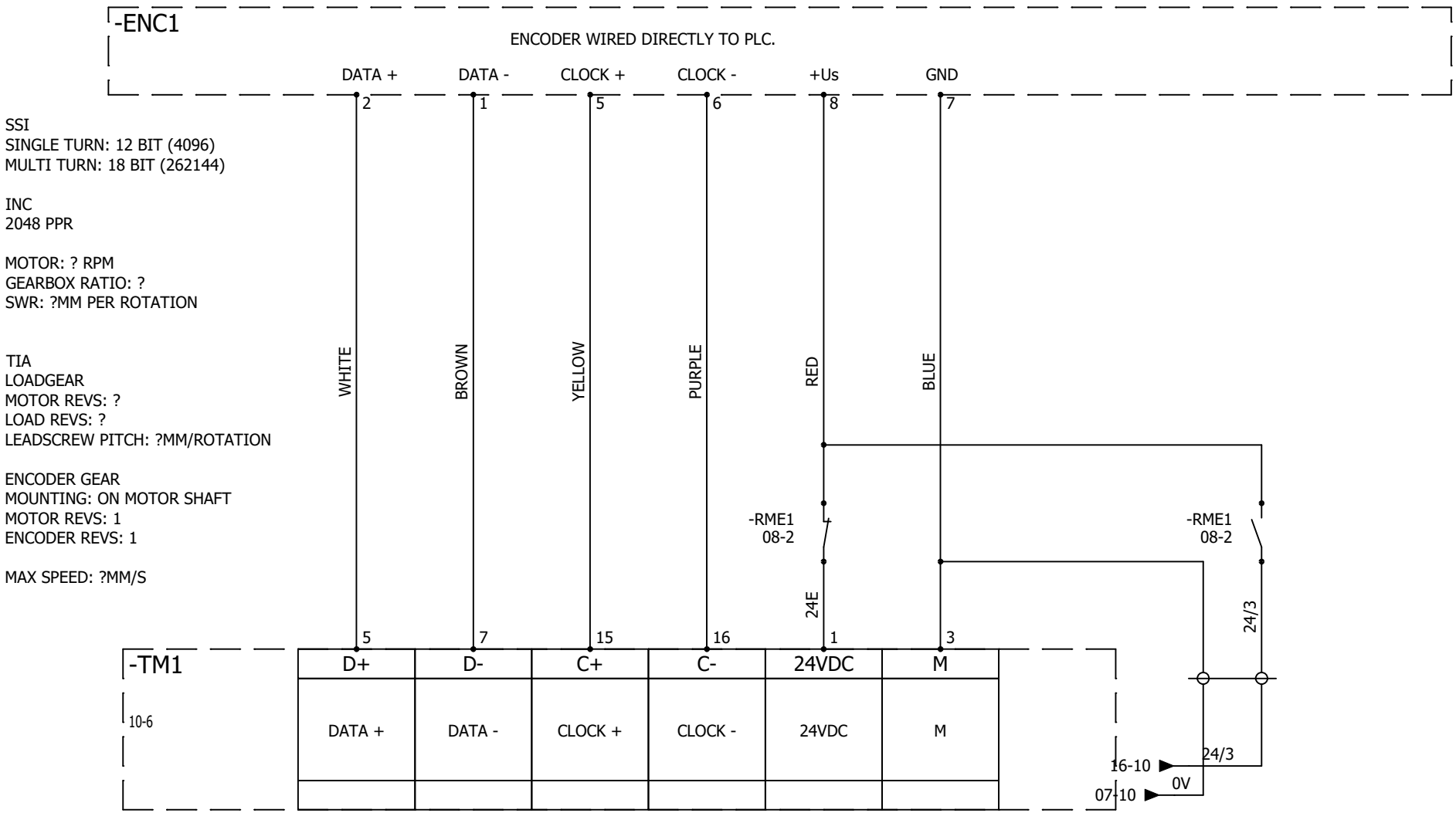
User data 2

REVISION 0

SCHEME 16

CONTRACT: GLASSHOUSE - SAGE ONE

LOCATION: +L10 LX TRUSS 3



AAC Theatre Systems
Unit 2, Brunel Business Court
Brunel Way, Thetford, Norfolk IP24 1HP

LX TRUSS 3 MAIN PANEL

ENCODER INPUT 1

REV.	DATE	NAME	CHANGES
0	20/04/2026	TW	

User data 1

User data 2

REVISION 0

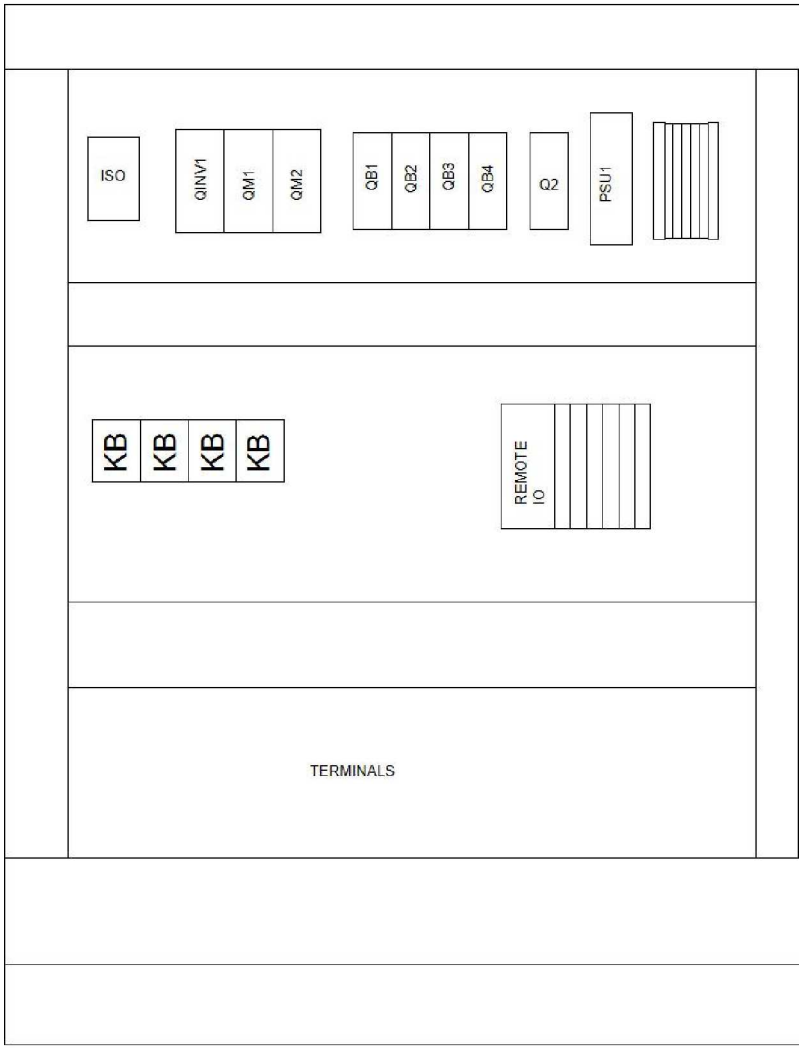
SCHEME 17

CONTRACT: GLASSHOUSE - SAGE ONE

LOCATION: +L10 LX TRUSS 3

1	2	3	4	5	6	7	8	9	10

LX TRUSS
800W X 1000T X 300D



AAC Technical Services Ltd
Unit 2, Brunel Business Court
Brunel Way, Thetford, Norfolk IP24 1HP

CONTRACT: GLASSHOUSE - SAGE ONE

LX TRUSS 3 MAIN PANEL

PANEL LAYOUT

LOCATION: +L10 LX TRUSS 3

REV.	DATE	NAME	CHANGES
0	20/04/2026	TW	

User data 1

User data 2

REVISION 0

SCHEME 18