BASE LOAD POWER HUB (BLPH)

DAVIT CRANE

WIRING DIAGRAM

REMAZEL ENGINEERING
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e-mail : info@remazel.com / website : www.remazel.com

CROSSWIND

ROSETTI MARINO

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
03	22/10/2024	MPR	GBA	ATR	ACCEPTED FOR CONSTRUCTION (AFC)
02	26/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
01	03/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3	DRAWING NO.	SHEET	REV.
	1724001010-MAC-DG-00012	1	03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm

REV.	SHEET NUMBER	DESCRIPTION	REF. CODE
02	1	FRONT PAGE	
02	2	SUMMARY and GENERAL NOTES	
02	10	SYMBOLS LEGEND	
03	30	INCOMING POWER LINE	
02	32	ENCLOSURE SERVICE	
02	34	UPS AND STANDSTILL HEATERS	
02	40	24Vdc SUPPLY	
02	50	HOISTING VFD CONNECTIONS	
02	52	ROTATION AND TROLLEY VFD CONNECTIONS	
02	54	ROTATION AND TROLLEY MOTORS	
02	56	MOTOR BRAKES	
02	60	CPU	
02	62	SAFETY MODULES	
02	64	SAFETY MODULES	
02	66	DIGITAL INPUT	
02	68	DIGITAL INPUT	
02	70	DIGITAL INPUT	
02	72	DIGITAL INPUT	
02	74	DIGITAL OUTPUT	
02	76	DIGITAL OUTPUT	
02	78	ANALOG INPUT AND OUTPUT	
02	80	LOAD CELL	
02	82	HOISTING AND ROTATION ENCODERS	
02	84	TROLLEY ENCODER	
02	86	MOPS COMMAND	
02	90	TERMINAL STRIP X01	
02	92	TERMINAL STRIP XS1	
02	94	TERMINAL STRIP JB / X02	

GENERAL NOTES

1:

2:

3:

4:

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TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

DRAWING NO. 1724001010-MAC-DG-00012

SHEET 2

REV. 03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm

	MANUAL POWER DISCONNECTING SWITCH		FAN		
	FUSE POWER DISCONNECTING SWITCH		STANDSTILL HEATER		
	THERMAL-MAGNETIC CIRCUIT BREAKER		NORMALLY OPEN THERMOSTAT		
	DIFFERENTIAL THERMAL-MAGNETIC CIRCUIT BREAKER		NORMALLY CLOSE THERMOSTAT		
	CONTACTOR / RELE' COIL		LAMP		
	POWER CONTACT		EMERGENCY PUSH BUTTON		
	NORMALLY OPEN CONTACT		NORMALLY OPEN PUSH BUTTON		
	NORMALLY CLOSE CONTACT		NORMALLY OPEN KEY SELECTOR		
	SWITCHING POWER SUPPLY		NORMALLY CLOSE LIMIT SWITCH		
	MOTOR		INDUCTIVE LIMIT SWITCH		
	MOTOR THERMAL PROTECTION		HORN		
	ENCODER		LOAD CELL		
	MOTOR BRAKE		PROTECTIVE EARTH		
	SERVICE SOCKET				

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CROSSWIND
ROSETTI MARINO

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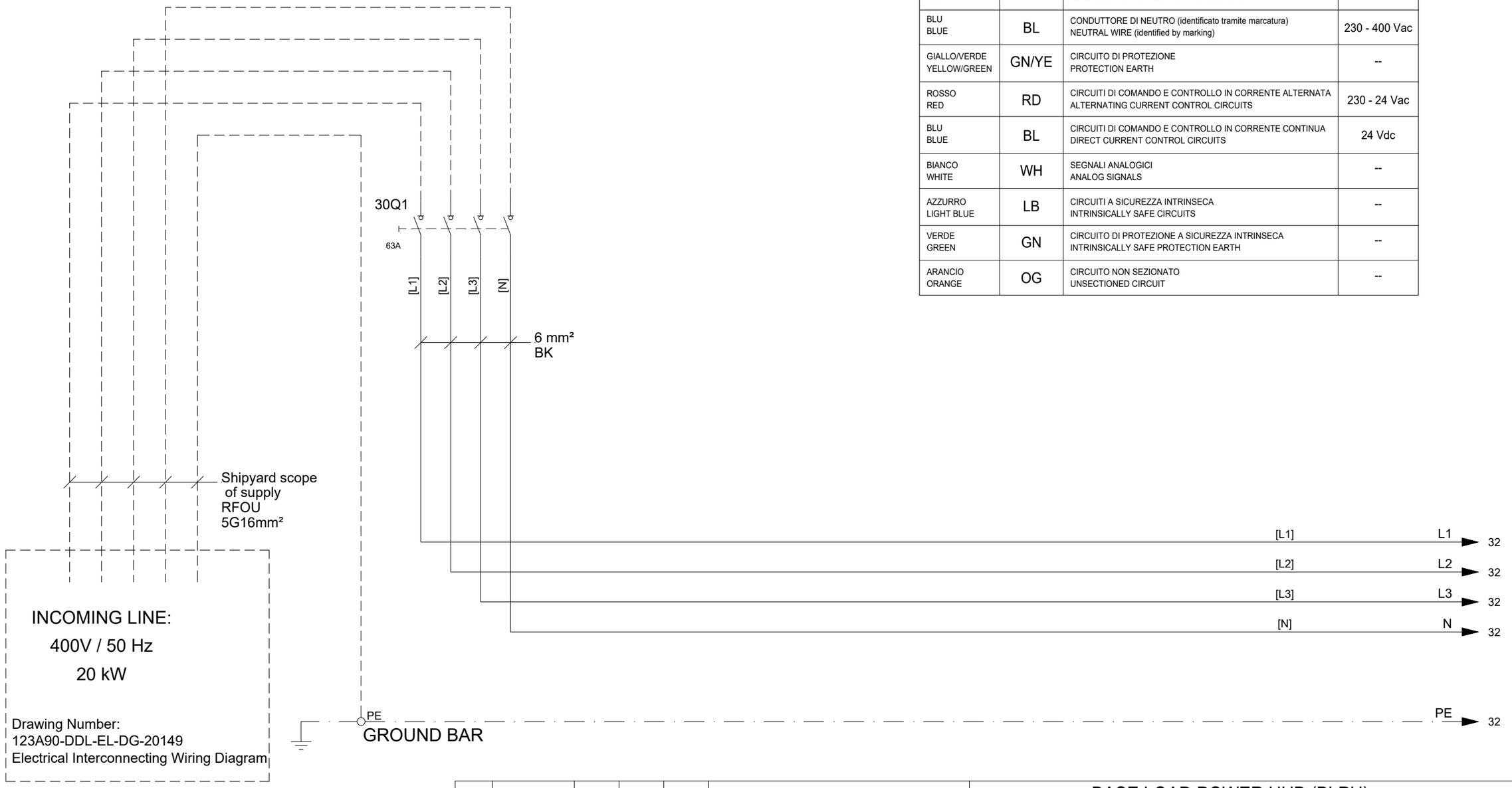
TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
SYMBOLS LEGEND

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | SCALE : NTS

A3 | DRAWING NO. 1724001010-MAC-DG-00012 | SHEET 10 | REV. 03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm



IDENTIFICAZIONE CONDUTTORI
WIRES IDENTIFICATION (CEI EN 60204-32)

COLORE COLOR	LEGENDA LEGEND	TIPO DI CIRCUITO CIRCUIT TYPE	TENSIONE VOLTAGE
NERO BLACK	BK	CIRCUITI DI ALIMENTAZIONE IN CORRENTE ALTERNATA ALTERNATING CURRENT SUPPLY CIRCUITS	690 - 400 Vac
ROSSO RED	RD	CIRCUITI DI ALIMENTAZIONE IN CORRENTE ALTERNATA ALTERNATING CURRENT SUPPLY CIRCUITS	230 Vac
BLU BLUE	BL	CONDUTTORE DI NEUTRO (identificato tramite marcatura) NEUTRAL WIRE (identified by marking)	230 - 400 Vac
GIALLO/VERDE YELLOW/GREEN	GN/YE	CIRCUITO DI PROTEZIONE PROTECTION EARTH	--
ROSSO RED	RD	CIRCUITI DI COMANDO E CONTROLLO IN CORRENTE ALTERNATA ALTERNATING CURRENT CONTROL CIRCUITS	230 - 24 Vac
BLU BLUE	BL	CIRCUITI DI COMANDO E CONTROLLO IN CORRENTE CONTINUA DIRECT CURRENT CONTROL CIRCUITS	24 Vdc
BIANCO WHITE	WH	SEGNALI ANALOGICI ANALOG SIGNALS	--
AZZURRO LIGHT BLUE	LB	CIRCUITI A SICUREZZA INTRINSECA INTRINSICALLY SAFE CIRCUITS	--
VERDE GREEN	GN	CIRCUITO DI PROTEZIONE A SICUREZZA INTRINSECA INTRINSICALLY SAFE PROTECTION EARTH	--
ARANCIO ORANGE	OG	CIRCUITO NON SEZIONATO UNSECTIONED CIRCUIT	--

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TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
INCOMING POWER LINE

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

DRAWING NO. 1724001010-MAC-DG-00012

SHEET 30

REV. 03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm

30 L1 [L1] [L1] L1 34
30 L2 [L2] [L2] L2 34
30 L3 [L3] [L3] L3 34
30 N [N] [N] N 34
30 PE PE 34

[L1] [L2] [L3] [N] 1,5 mm² BK x 3 + BL

[L1] [N] 1,5 mm² RD + BL + GN/YE

[L2] [N] 1,5 mm² RD + BL + GN/YE

32Q1 1 3 5 2 4 6 2A

32Q2 1 3 C 6A 2 4

32Q3 2A

32E1 Stigo ZR 011 11 12 23 24

1,5 mm² BK

[32-1] [32-1] [32-2] [32-3] [32-4]

[32-5] [32-6]

[32-7] [32-8]

66 32KA1 32HL1 32HL2 32HL3

32X1

32R1 32E2 M 1AC

400Vac VOLTAGE PRESENCE

ELECTRIC SOCKET

HEATER FAN

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00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
ENCLOSURE SERVICE

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

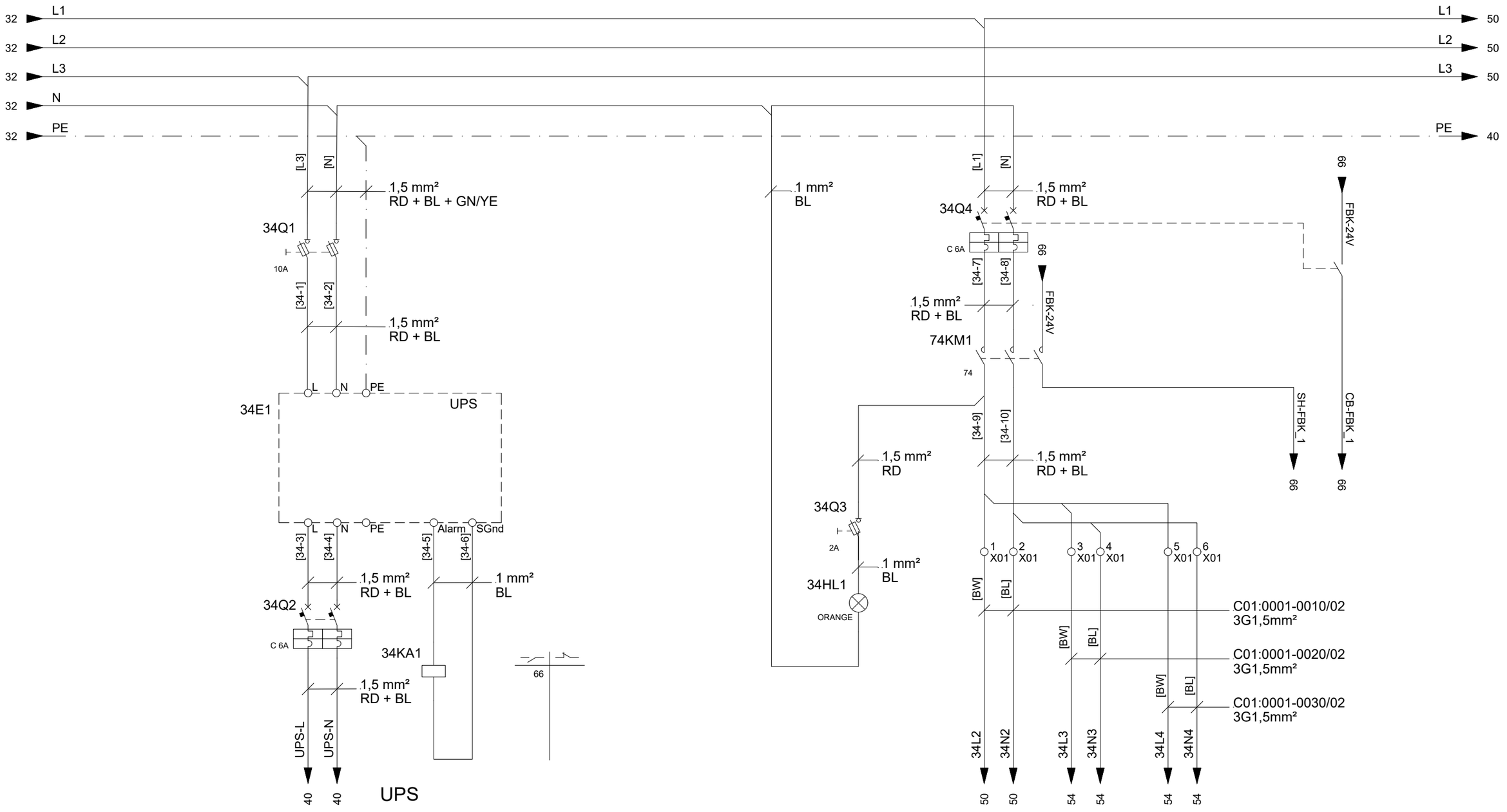
DRAWING NO. 1724001010-MAC-DG-00012

SHEET 32

REV. 03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm



STANDSTILL HEATERS

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CROSSWIND

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01	03/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
UPS AND STANDSTILL HEATERS

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

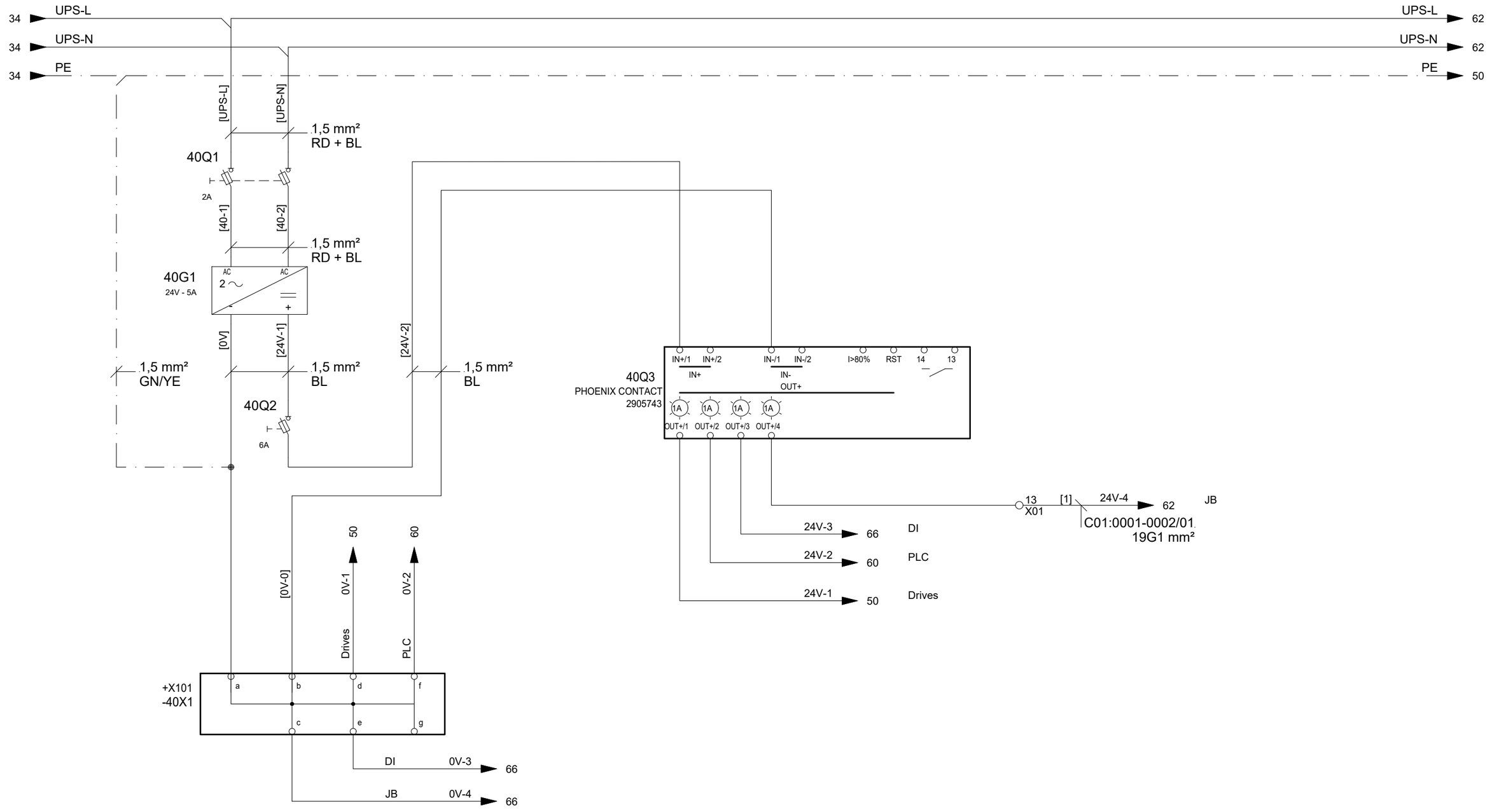
DRAWING NO. 1724001010-MAC-DG-00012

SHEET 34

REV. 03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm



REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
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00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

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ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
24Vdc SUPPLY

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

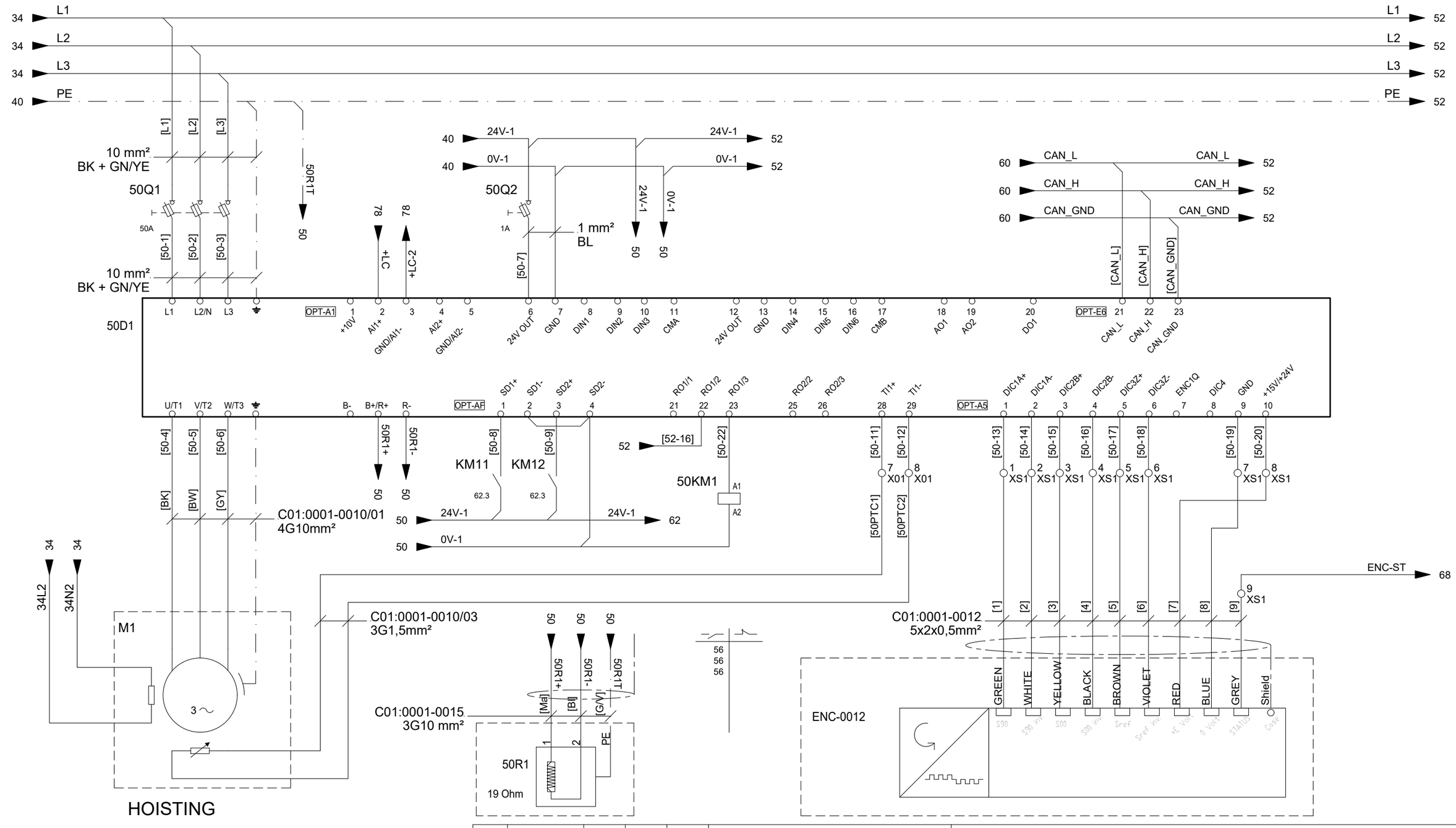
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SHEET 40

REV. 03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm



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00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
HOISTING VFD CONNECTIONS

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

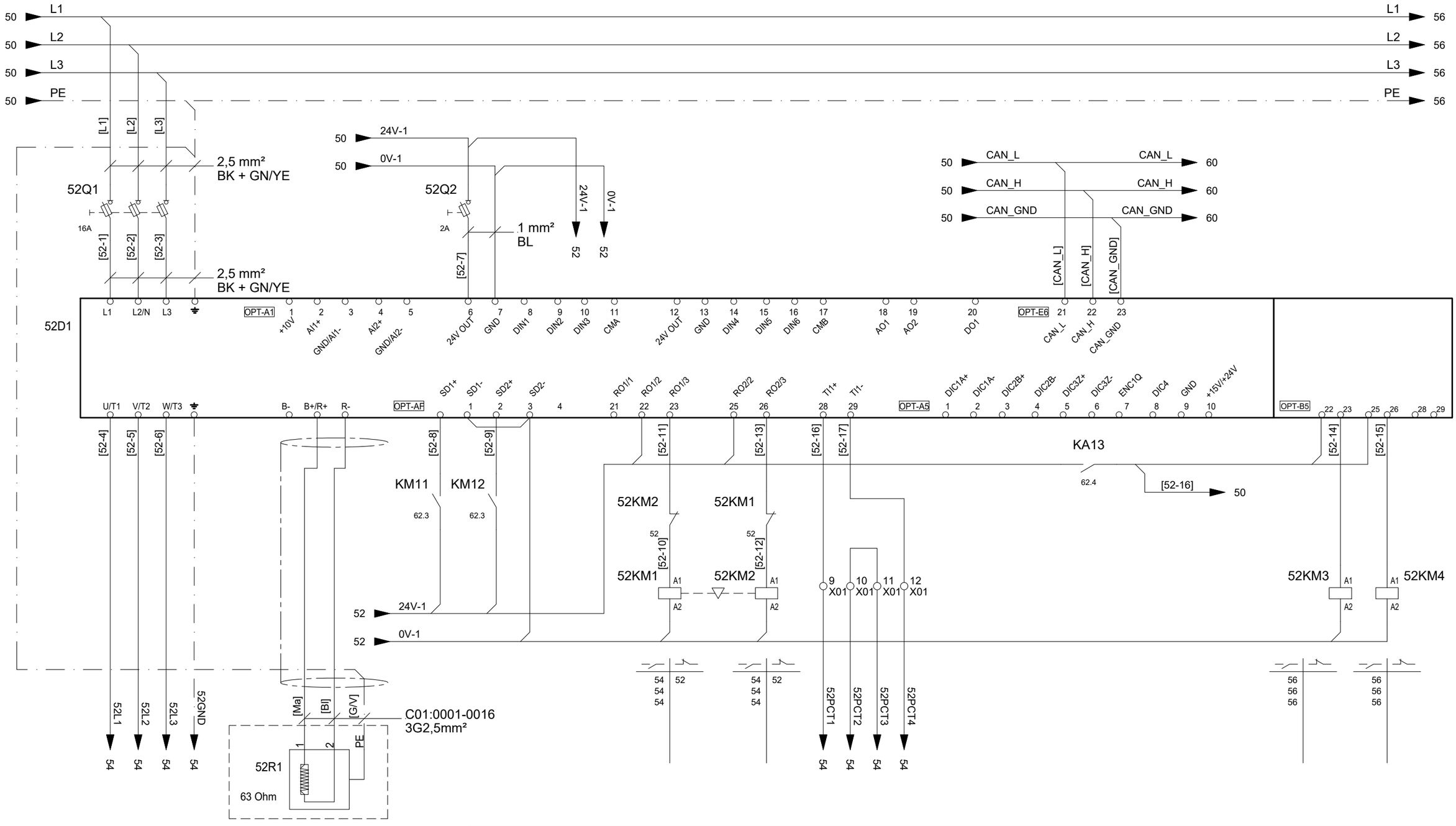
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SHEET 50

REV. 03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm



REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
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00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

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TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
ROTATION AND TROLLEY VFD CONNECTIONS

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

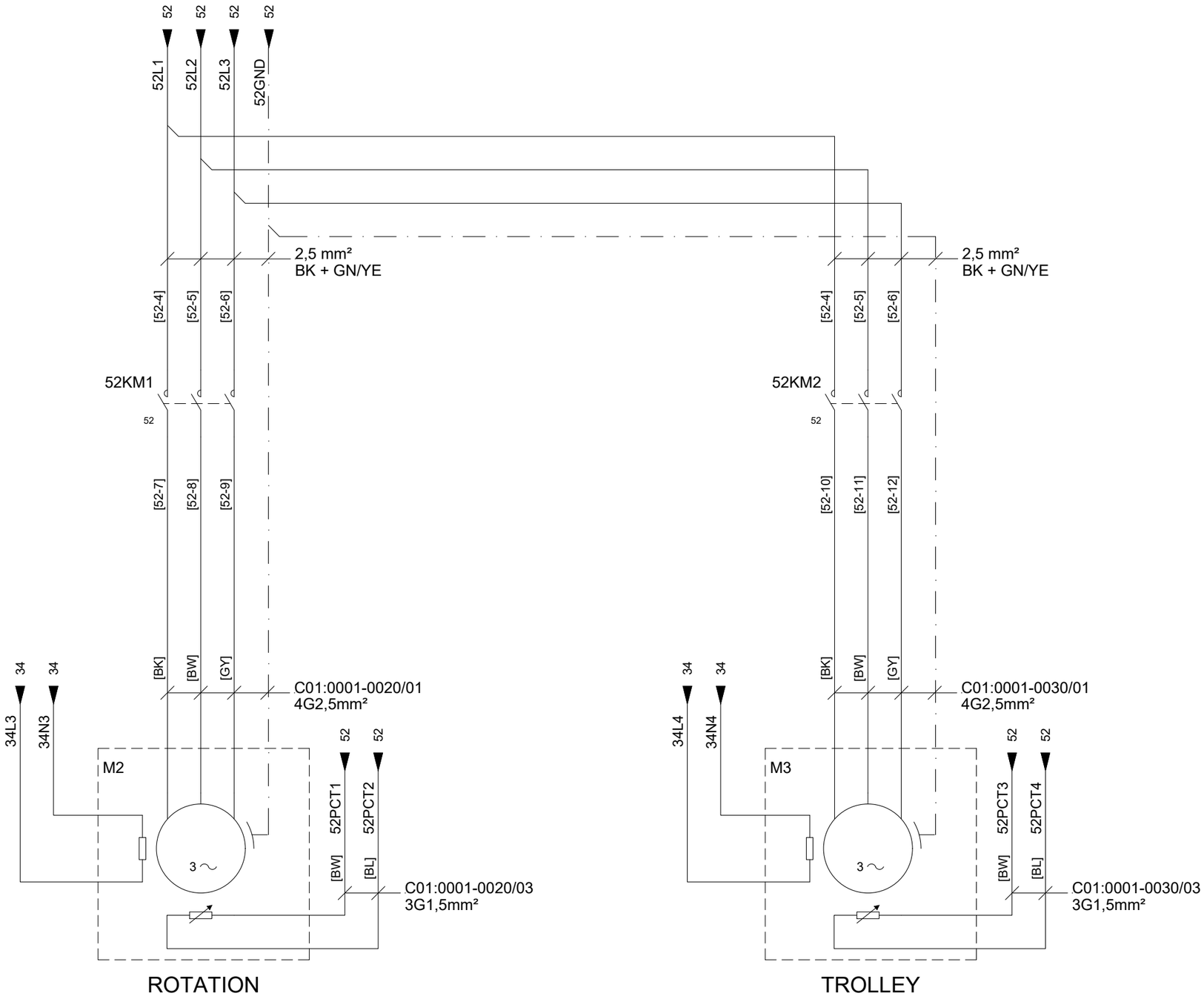
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SHEET 52

REV. 03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm



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00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
ROTATION AND TROLLEY MOTORS

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

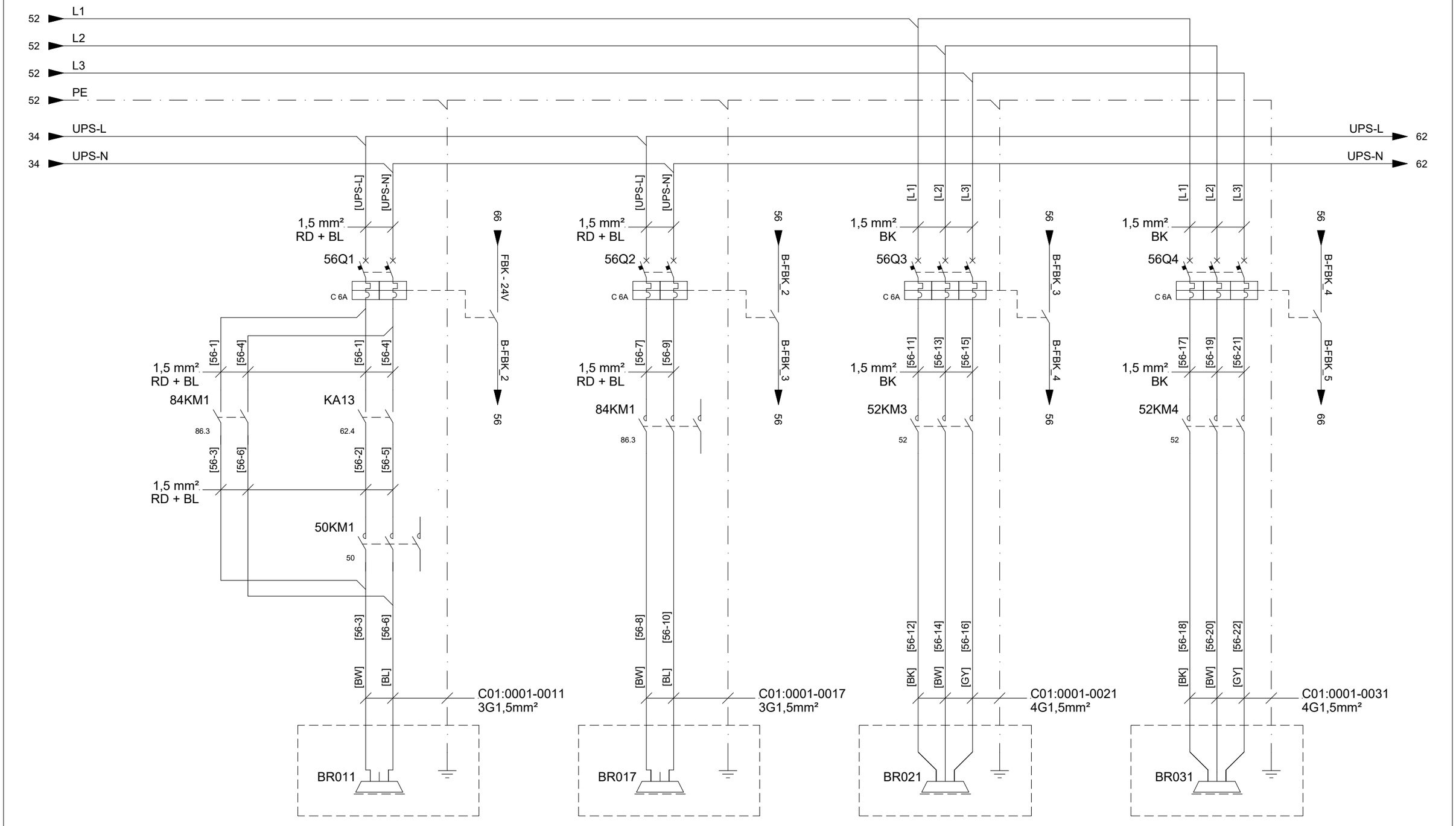
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SHEET 54

REV. 03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm



REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
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00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

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TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
MOTOR BRAKES

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

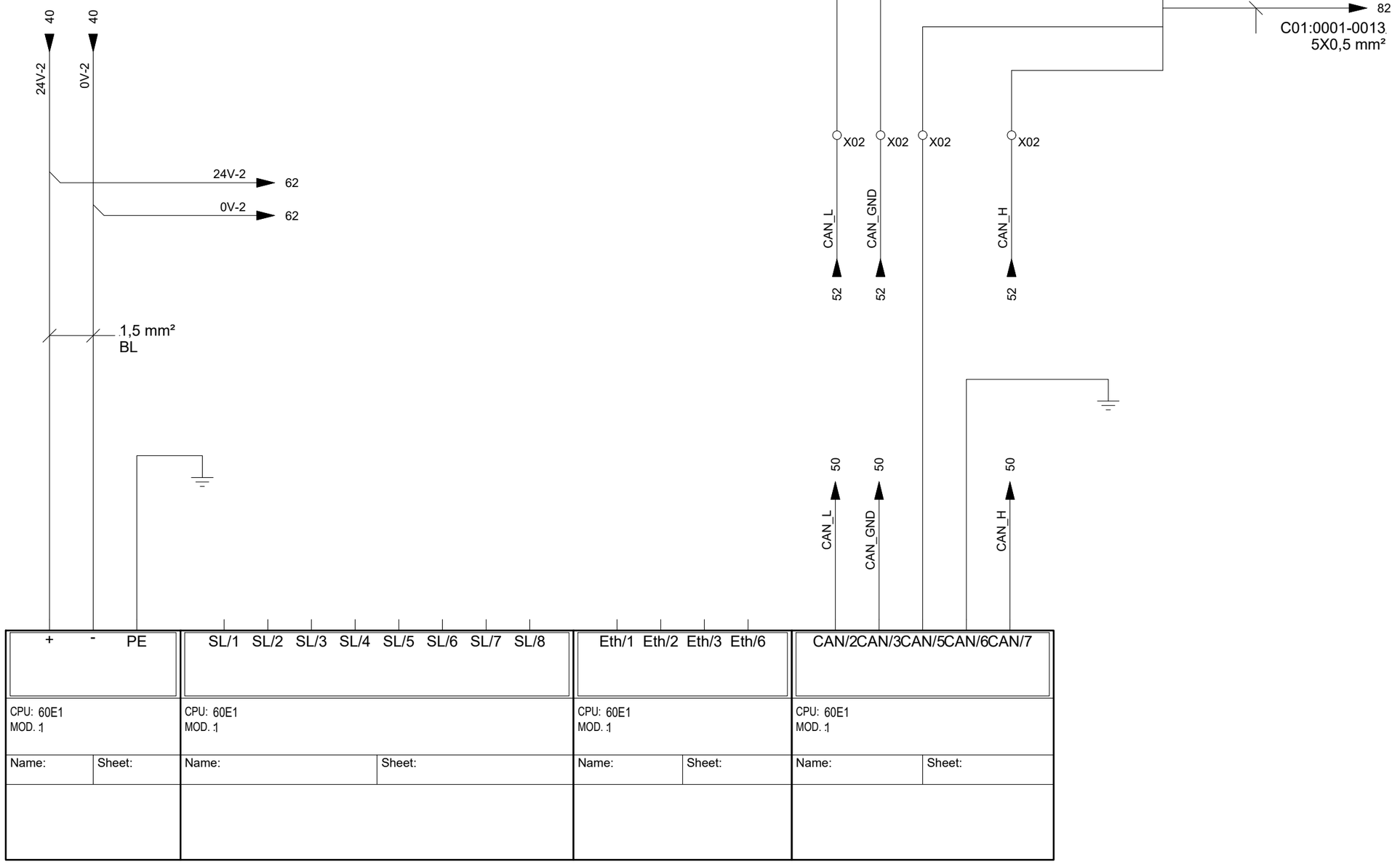
DRAWING NO. 1724001010-MAC-DG-00012

SHEET 56

REV. 03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm



CPU

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TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
CPU

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

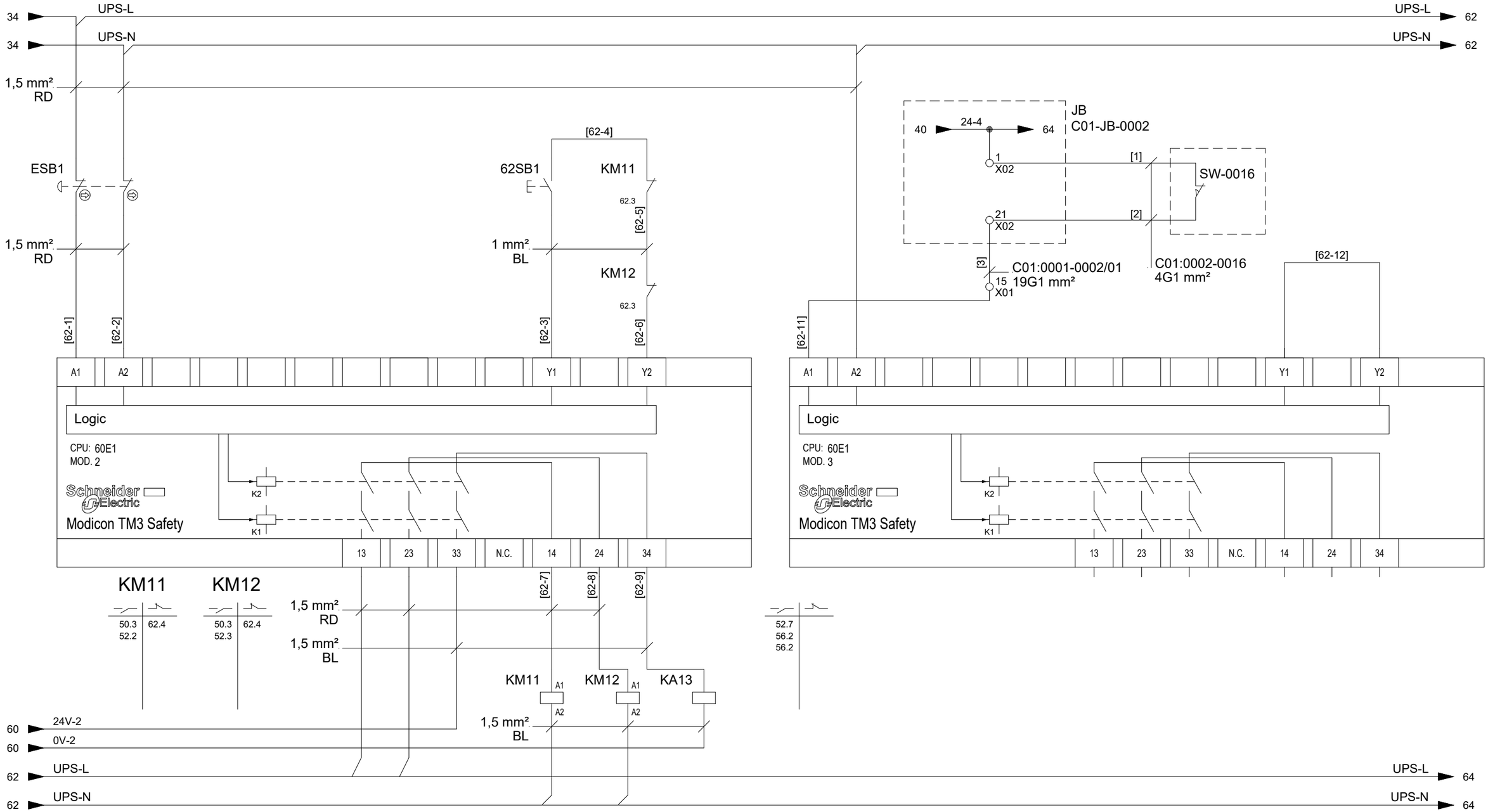
DRAWING NO. 1724001010-MAC-DG-00012

SHEET 60

REV. 03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm



EESD

PAYOUT LIMIT

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
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TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
SAFETY MODULES

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

DRAWING NO. 1724001010-MAC-DG-00012

SHEET 62

REV. 03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm

62 UPS-L → UPS-L 64

62 UPS-N → UPS-N 64

JB
C01-JB-0002

62 → 66

2 X02 [1] SW-0036

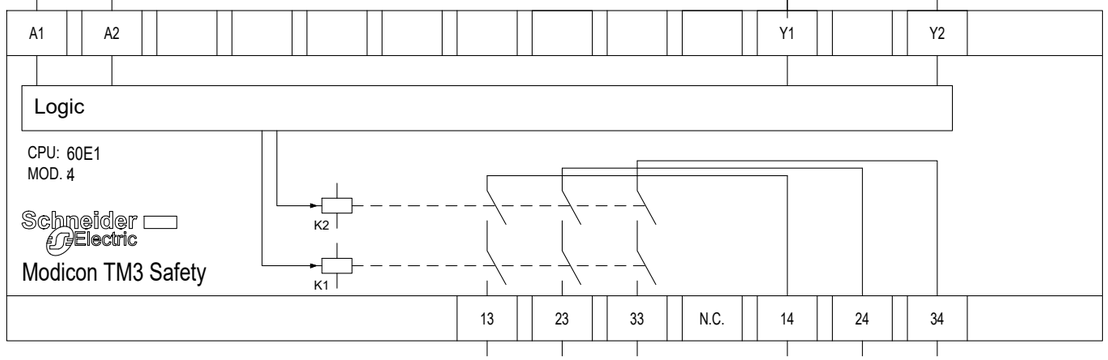
22 X02 [2]

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16 19G1 mm²
X01

C01:0002-0036
4G1 mm²

[64-3]

[64-1]



64 UPS-L → UPS-L 86

64 UPS-N → UPS-N 86

A2B

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TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
SAFETY MODULES

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

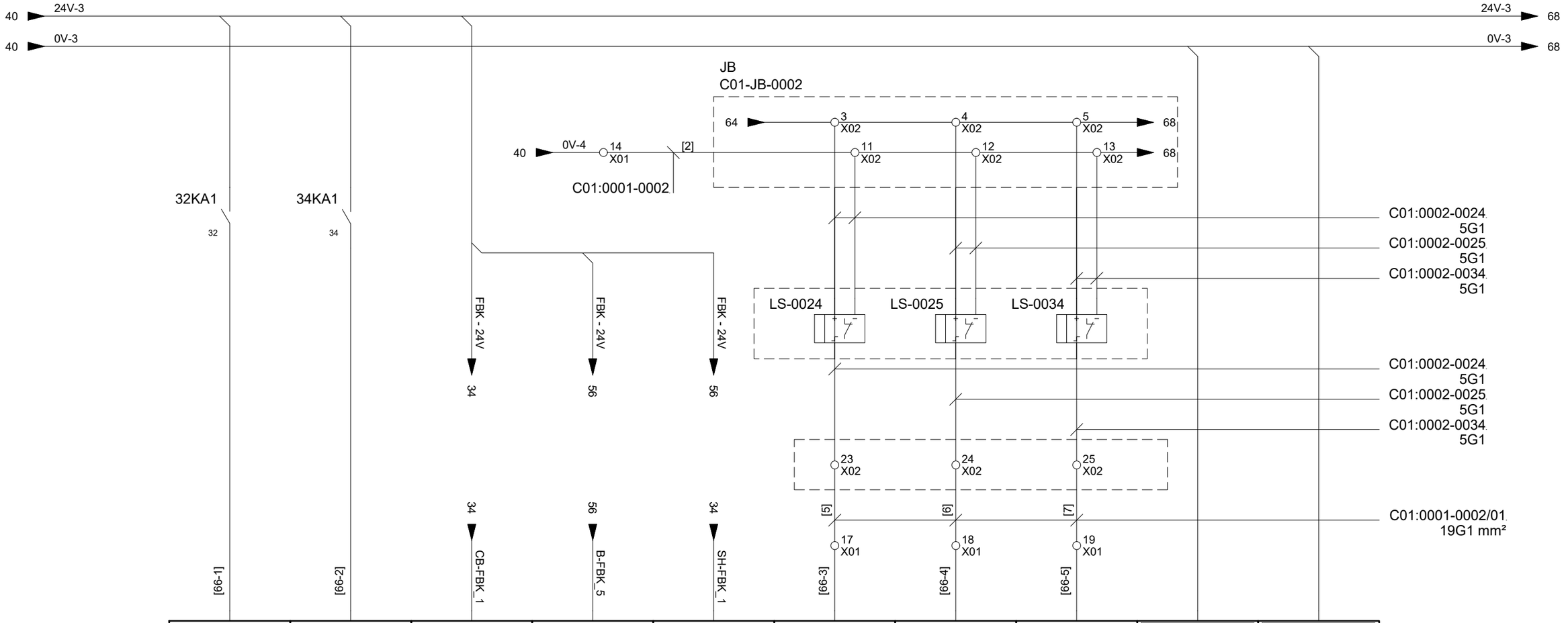
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SHEET 64

REV. 03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm



0	1	2	3	4	5	6	7	COM	COM
CPU: 60E1 MOD. 5	CPU: 60E1 MOD. 5	CPU: 60E1 MOD. 5	CPU: 60E1 MOD. 5	CPU: 60E1 MOD. 5	CPU: 60E1 MOD. 5	CPU: 60E1 MOD. 5	CPU: 60E1 MOD. 5	CPU: 60E1 MOD. 5	CPU: 60E1 MOD. 5
Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:
400Vac OK	UPS STATUS OK	CB FEEDBACK	BRAKE CB FEEDBACK	STANDSTILL HEATERS FEEDBACK	LIMIT SWITCH ROTATION CW	LIMIT SWITCH ROTATION CCW	LIMIT SWITCH TROLLEY TRAVELING FORWARD		

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CROSSWIND
ROSETTI MARINO

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
03	22/10/2024	MPR	GBA	ATR	ACCEPTED FOR CONSTRUCTION (AFC)
02	26/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
01	03/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

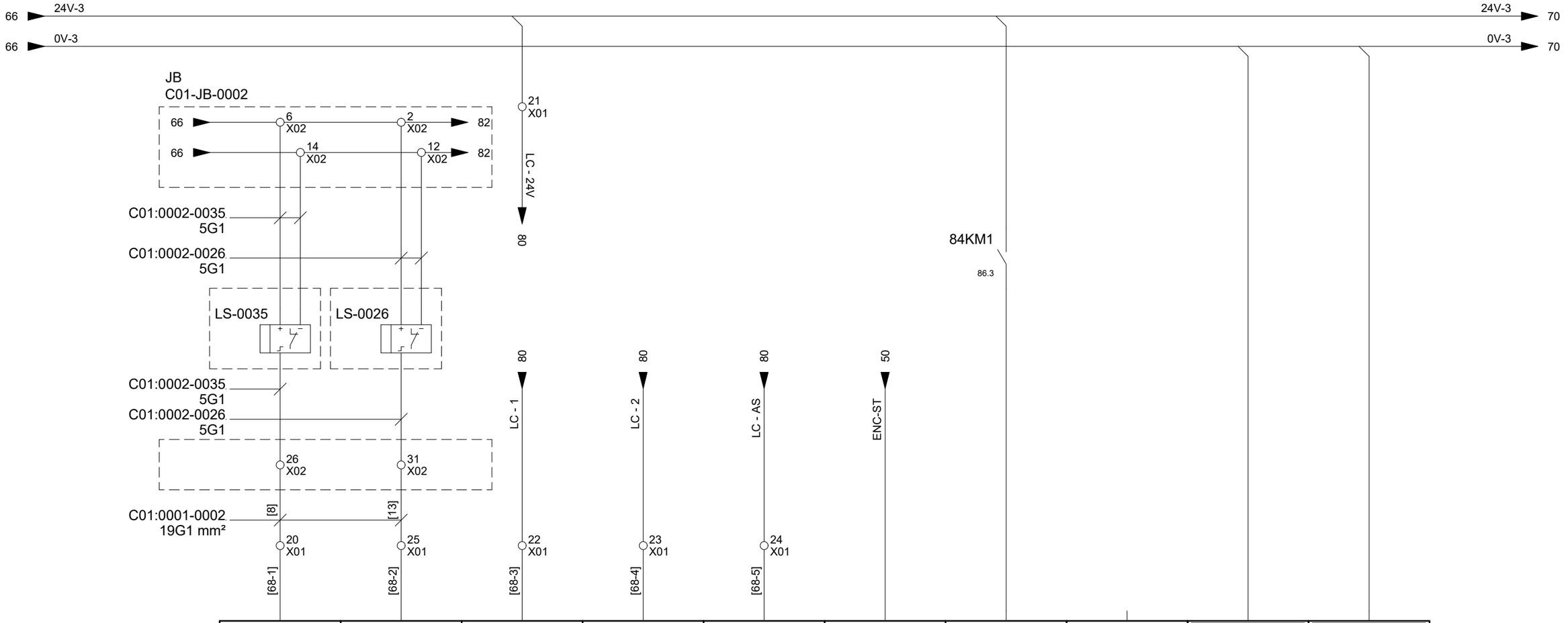
TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
DIGITAL INPUT

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | SCALE : NTS

A3 | DRAWING NO. 1724001010-MAC-DG-00012 | SHEET 66 | REV. 03

F.to UNI A3: 420mmx297mm

File Name : 24-27012-WD-001 Rev. 03



8	9	10	11	12	13	14	15	COM	COM
CPU: 60E1 MOD. 5	CPU: 60E1 MOD. 5	CPU: 60E1 MOD. 5	CPU: 60E1 MOD. 5	CPU: 60E1 MOD. 5	CPU: 60E1 MOD. 5	CPU: 60E1 MOD. 5	CPU: 60E1 MOD. 5	CPU: 60E1 MOD. 5	CPU: 60E1 MOD. 5
Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:
LIMIT SWITCH TROLLEY TRAVELING BACKWARD	LIMIT SWITCH BLOCK PIN	OVERLOAD 1st LIMIT	OVERLOAD 2nd LIMIT	ANTISLACK	HOISTING ENCODER STATUS	MOPS ACTIVE	SPARE		

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CROSSWIND

ROSETTI MARINO

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
03	22/10/2024	MPR	GBA	ATR	ACCEPTED FOR CONSTRUCTION (AFC)
02	26/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
01	03/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
DIGITAL INPUT

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

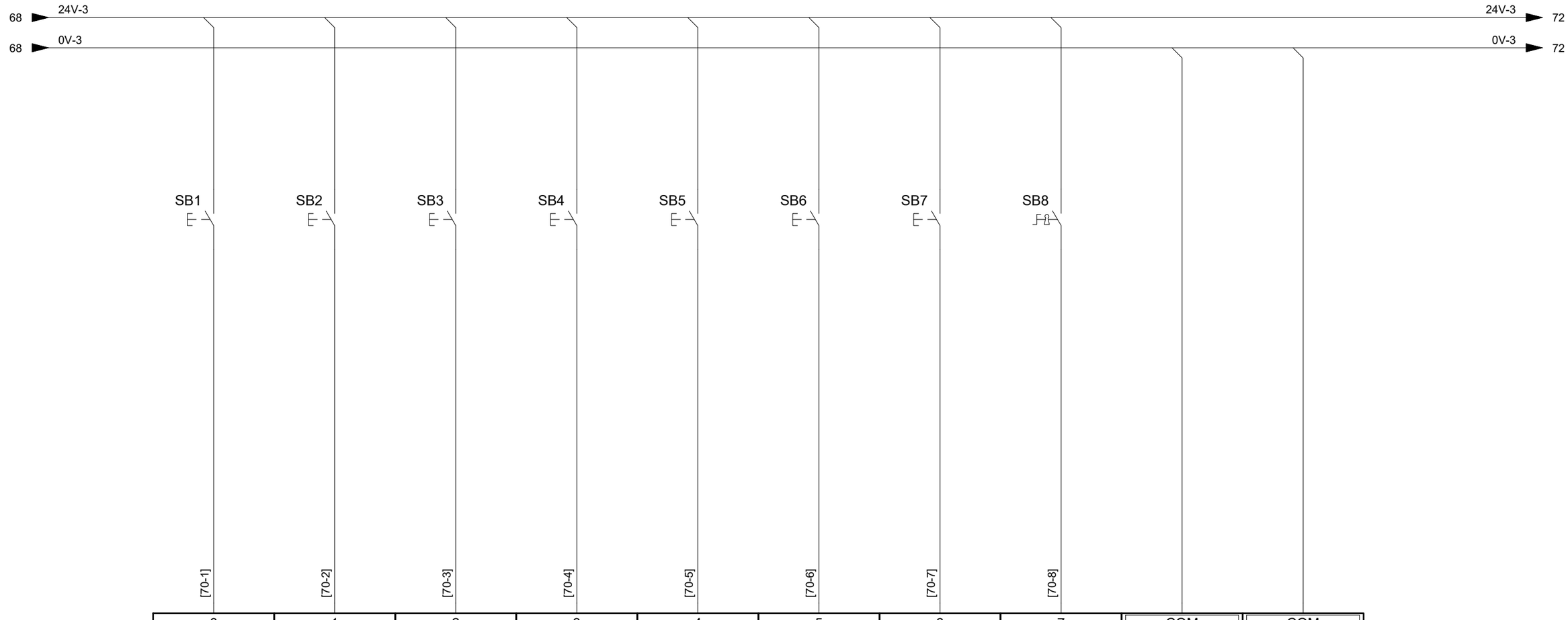
DRAWING NO. 1724001010-MAC-DG-00012

SHEET 68

REV. 03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm



0	1	2	3	4	5	6	7	COM	COM
CPU: 60E1 MOD. 6	CPU: 60E1 MOD. 6	CPU: 60E1 MOD. 6	CPU: 60E1 MOD. 6	CPU: 60E1 MOD. 6	CPU: 60E1 MOD. 6	CPU: 60E1 MOD. 6	CPU: 60E1 MOD. 6	CPU: 60E1 MOD. 6	CPU: 60E1 MOD. 6
Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:
ROTATION CW PUSH BUTTON	ROTATION CCW PUSH BUTTON	TROLLEY TRAVELING FORWARD PUSH BUTTON	TROLLEY TRAVELING BACKWARD PUSH BUTTON	HOISTING UP PUSH BUTTON	HOISTING DOWN PUSH BUTTON	SECOND SPEED PUSH BUTTON	OVERLOAD BYPASS		

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CROSSWIND
ROSETTI MARINO

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
03	22/10/2024	MPR	GBA	ATR	ACCEPTED FOR CONSTRUCTION (AFC)
02	26/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
01	03/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
DIGITAL INPUT

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | SCALE : NTS

A3 | DRAWING NO. 1724001010-MAC-DG-00012 | SHEET 70 | REV. 03

F.to UNI A3: 420mmx297mm

File Name : 24-27012-WD-001 Rev. 03

70 24V-3 → 24V-3 74

70 0V-3 → 0V-3 74

8	9	10	11	12	13	14	15	COM	COM
CPU: 60E1 MOD. 6	CPU: 60E1 MOD. 6	CPU: 60E1 MOD. 6	CPU: 60E1 MOD. 6	CPU: 60E1 MOD. 6	CPU: 60E1 MOD. 6	CPU: 60E1 MOD. 6	CPU: 60E1 MOD. 6	CPU: 60E1 MOD. 6	CPU: 60E1 MOD. 6
Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:	Name: Sheet:
SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE		

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CROSSWIND
ROSETTI MARINO

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
03	22/10/2024	MPR	GBA	ATR	ACCEPTED FOR CONSTRUCTION (AFC)
02	26/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
01	03/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
DIGITAL INPUT

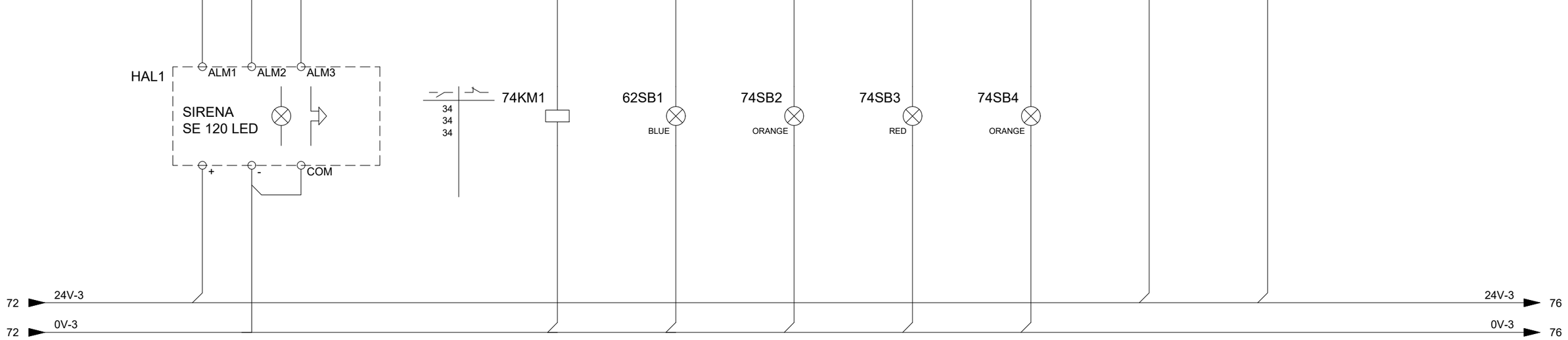
CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | SCALE : NTS

A3 | DRAWING NO. 1724001010-MAC-DG-00012 | SHEET 72 | REV. 03

F.to UNI A3: 420mmx297mm

File Name : 24-27012-WD-001 Rev. 03

HORN COMAND		HORN STAGE 2		HORN STAGE 3		STANDSTILL HEATERS		RESET REQUEST		PIN ENGAGED		ALARM		OVERLOAD WARNING					
Name:	Sheet:	Name:	Sheet:	Name:	Sheet:	Name:	Sheet:	Name:	Sheet:	Name:	Sheet:	Name:	Sheet:	Name:	Sheet:	Name:	Sheet:	Name:	Sheet:
CPU: 60E1 MOD. 7		CPU: 60E1 MOD. 7		CPU: 60E1 MOD. 7		CPU: 60E1 MOD. 7		CPU: 60E1 MOD. 7		CPU: 60E1 MOD. 7		CPU: 60E1 MOD. 7		CPU: 60E1 MOD. 7		CPU: 60E1 MOD. 7		CPU: 60E1 MOD. 7	
0		1		2		3		4		5		6		7		COM0		COM0	



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CROSSWIND

ROSETTI MARINO

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
03	22/10/2024	MPR	GBA	ATR	ACCEPTED FOR CONSTRUCTION (AFC)
02	26/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
01	03/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
DIGITAL OUTPUT

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

DRAWING NO. 1724001010-MAC-DG-00012

SHEET 74

REV. 03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm

AOPS ACTIVATED		MOPS ACTIVATED		3.5 tonn LOAD LIMIT		1 tonn LOAD LIMIT		WARNING		SPARE		SPARE		SPARE					
Name:	Sheet:	Name:	Sheet:	Name:	Sheet:	Name:	Sheet:	Name:	Sheet:	Name:	Sheet:	Name:	Sheet:	Name:	Sheet:	Name:	Sheet:	Name:	Sheet:
CPU: 60E1 MOD. 7		CPU: 60E1 MOD. 7		CPU: 60E1 MOD. 7		CPU: 60E1 MOD. 7		CPU: 60E1 MOD. 7		CPU: 60E1 MOD. 7		CPU: 60E1 MOD. 7		CPU: 60E1 MOD. 7		CPU: 60E1 MOD. 7			
8		9		10		11		12		13		14		15		COM1		COM1	

76SB1 YELLOW

76SB2 YELLOW

76SB3 YELLOW

76SB4 YELLOW

76SB5 YELLOW

74 24V-3

74 0V-3

24V-3 78

0V-3 78

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ROSETTI MARINO

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
03	22/10/2024	MPR	GBA	ATR	ACCEPTED FOR CONSTRUCTION (AFC)
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01	03/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
DIGITAL OUTPUT

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

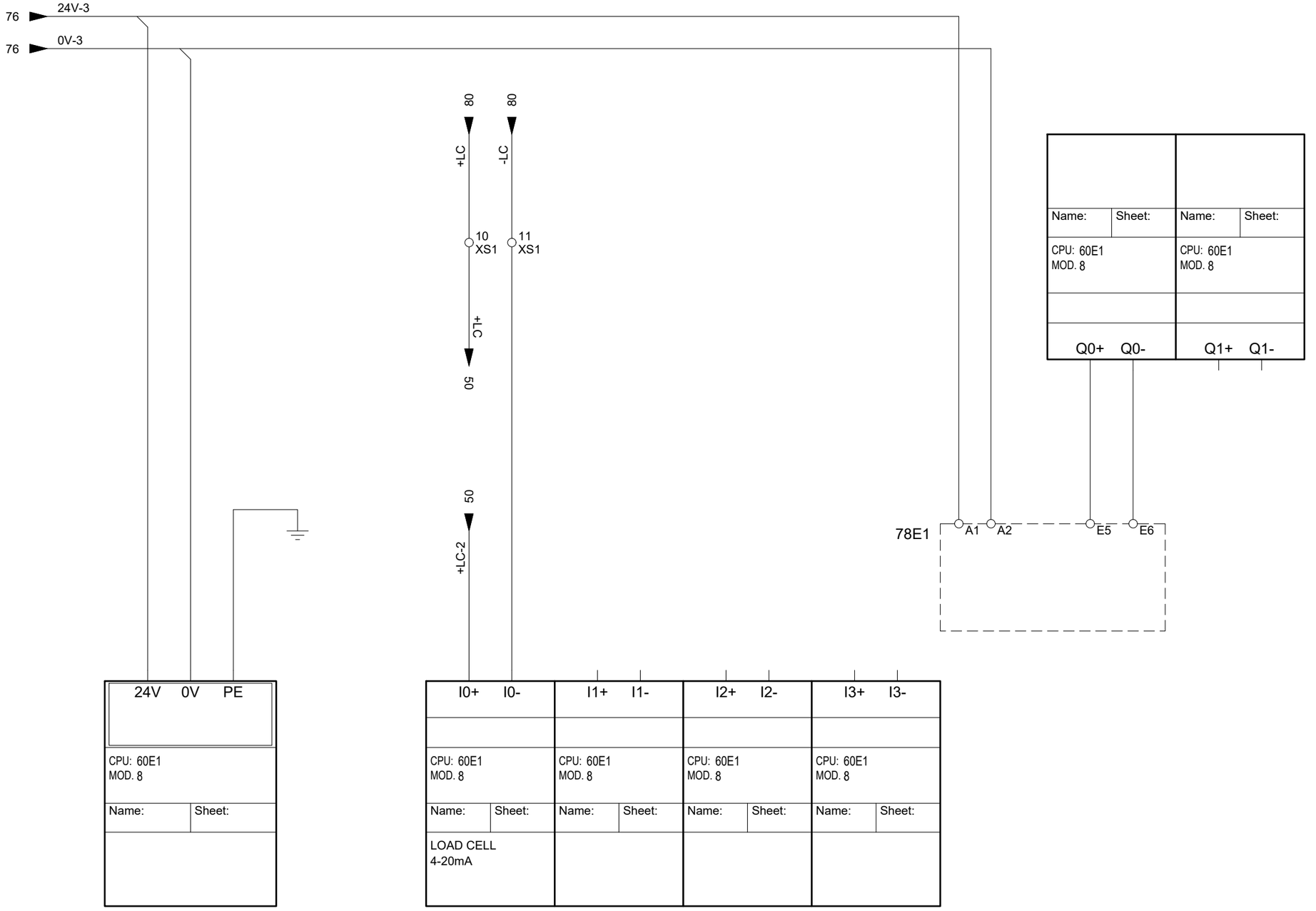
DRAWING NO. 1724001010-MAC-DG-00012

SHEET 76

REV. 03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm



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REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
03	22/10/2024	MPR	GBA	ATR	ACCEPTED FOR CONSTRUCTION (AFC)
02	26/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
01	03/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
ANALOG INPUT AND OUTPUT

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

DRAWING NO. 1724001010-MAC-DG-00012

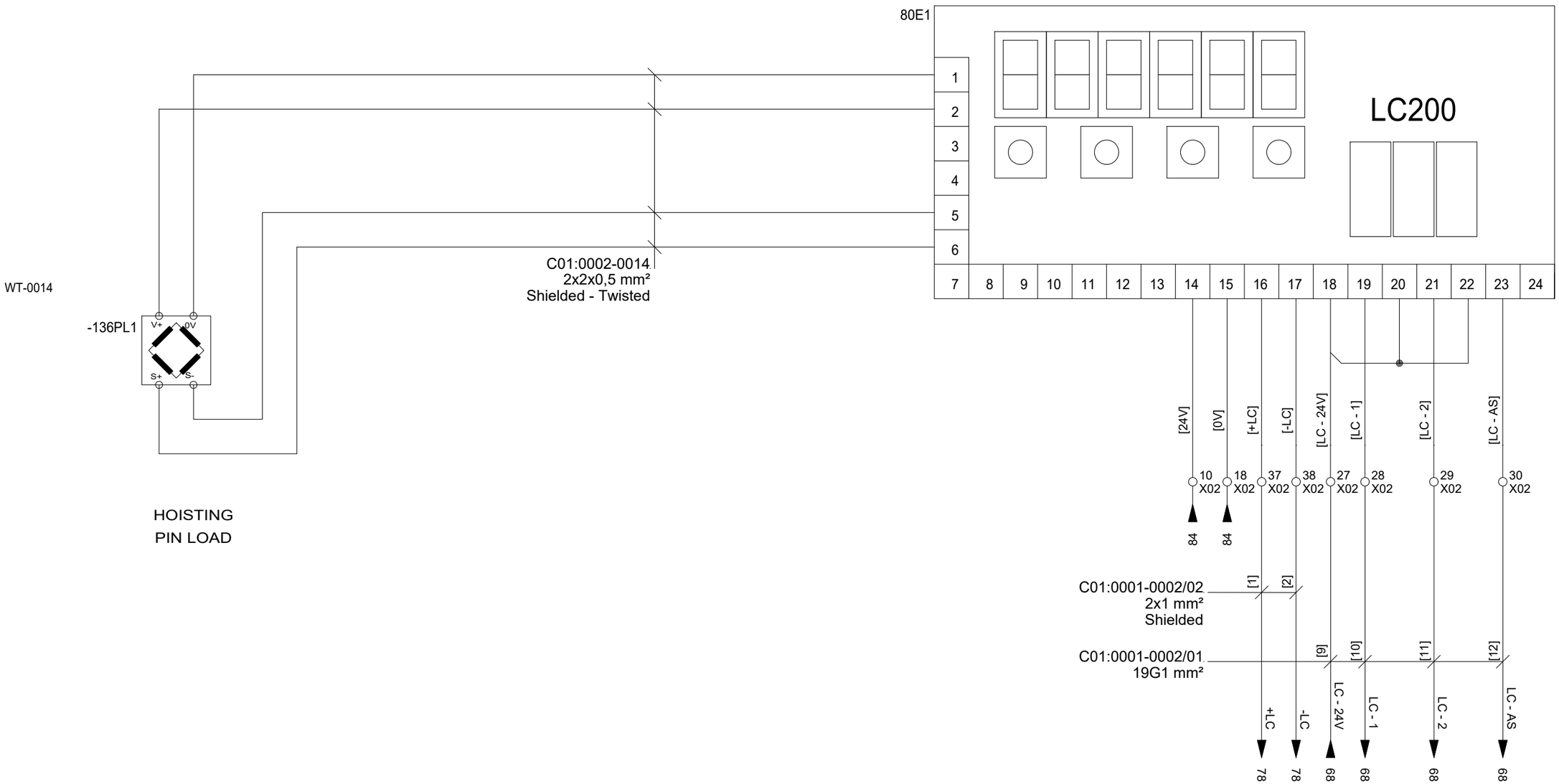
SHEET 78

REV. 03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm

LOAD CELL AMPLIFIER



HOISTING
PIN LOAD

LOAD CELL

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
03	22/10/2024	MPR	GBA	ATR	ACCEPTED FOR CONSTRUCTION (AFC)
02	26/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
01	03/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

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CROSSWIND
ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
LOAD CELL

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

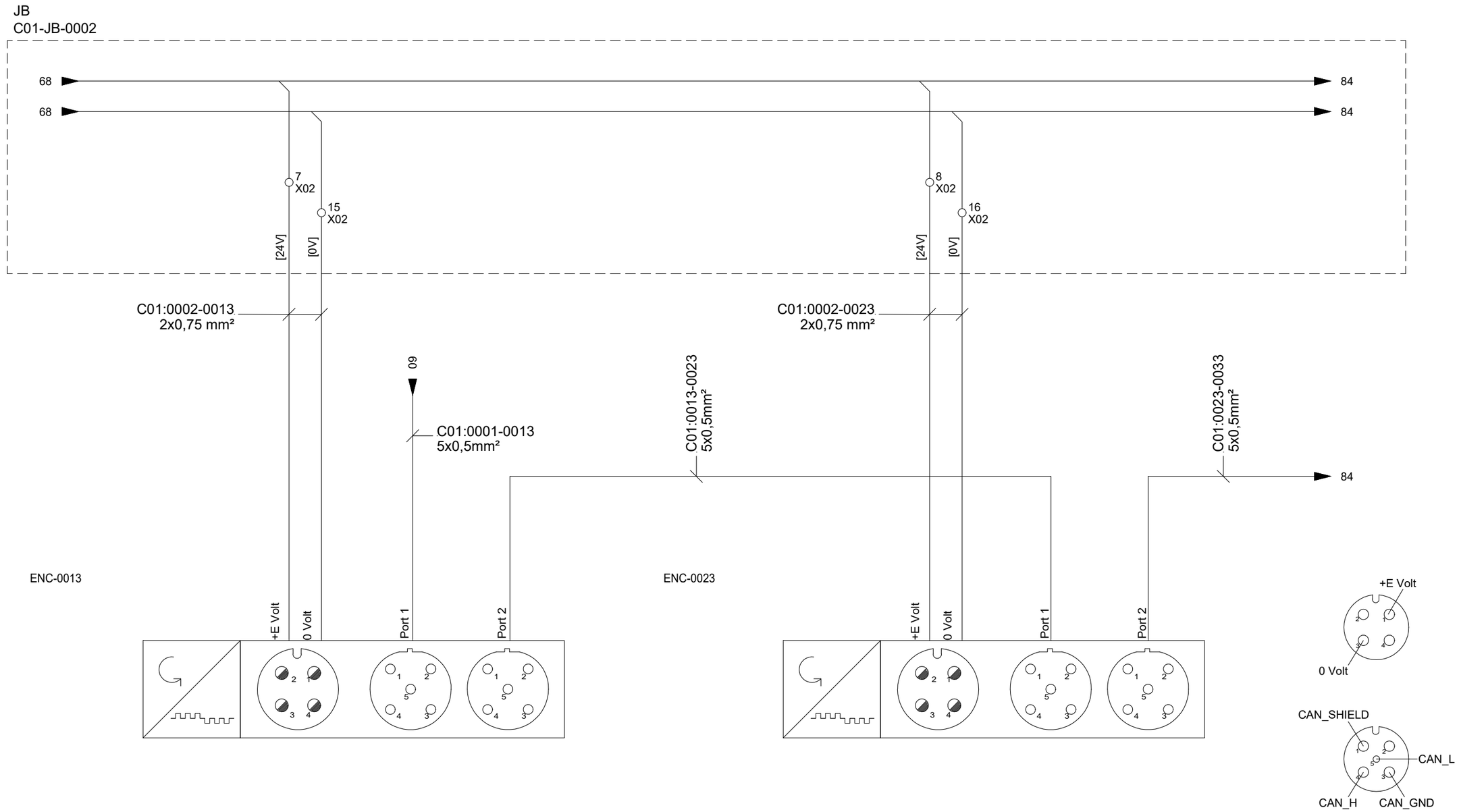
DRAWING NO. 1724001010-MAC-DG-00012

SHEET 80

REV. 03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm



REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
03	22/10/2024	MPR	GBA	ATR	ACCEPTED FOR CONSTRUCTION (AFC)
02	26/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
01	03/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

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CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
HOISTING AND ROTATION ENCODERS

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

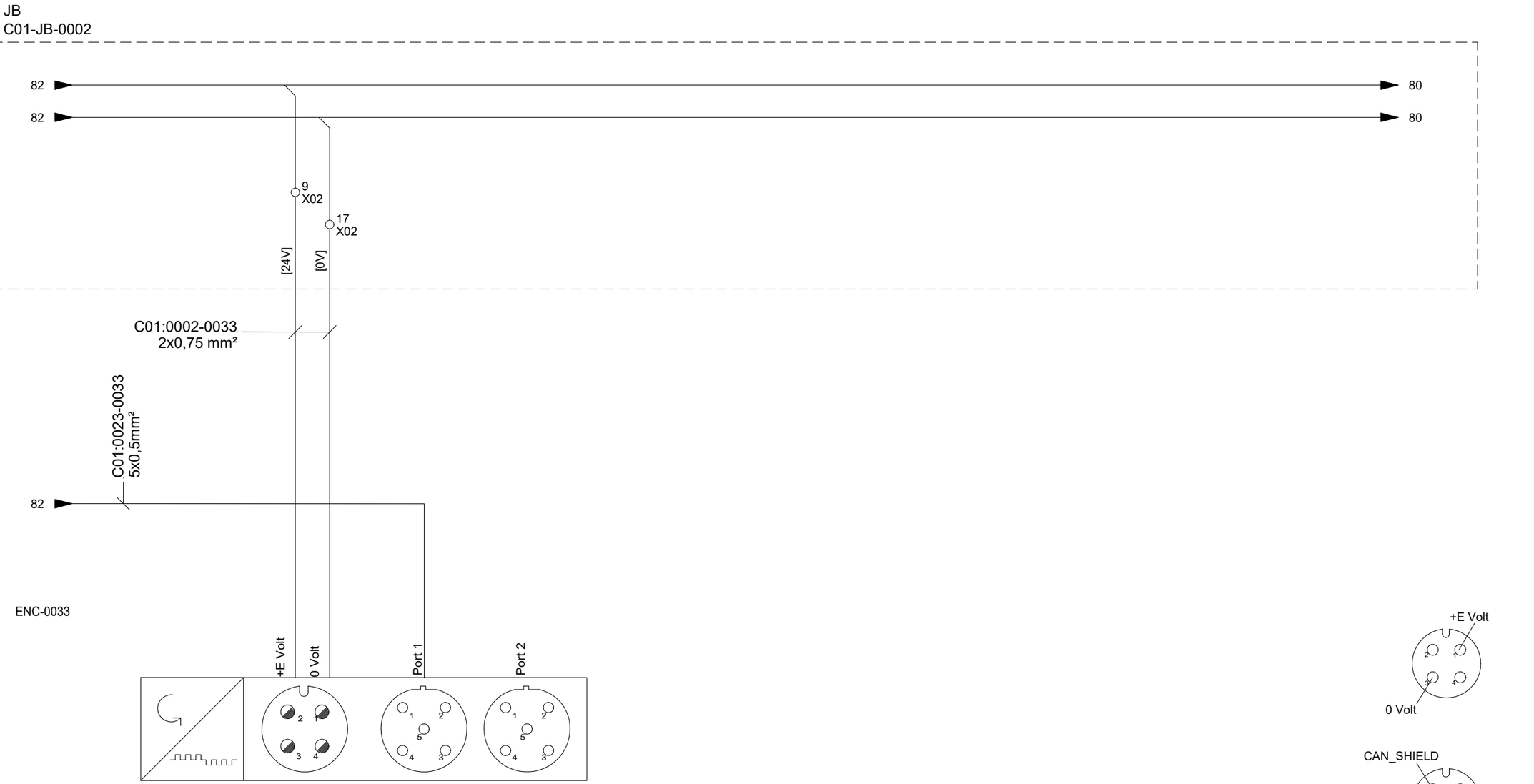
DRAWING NO. 1724001010-MAC-DG-00012

SHEET 82

REV. 03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm



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CROSSWIND

ROSETTI MARINO

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
03	22/10/2024	MPR	GBA	ATR	ACCEPTED FOR CONSTRUCTION (AFC)
02	26/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
01	03/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

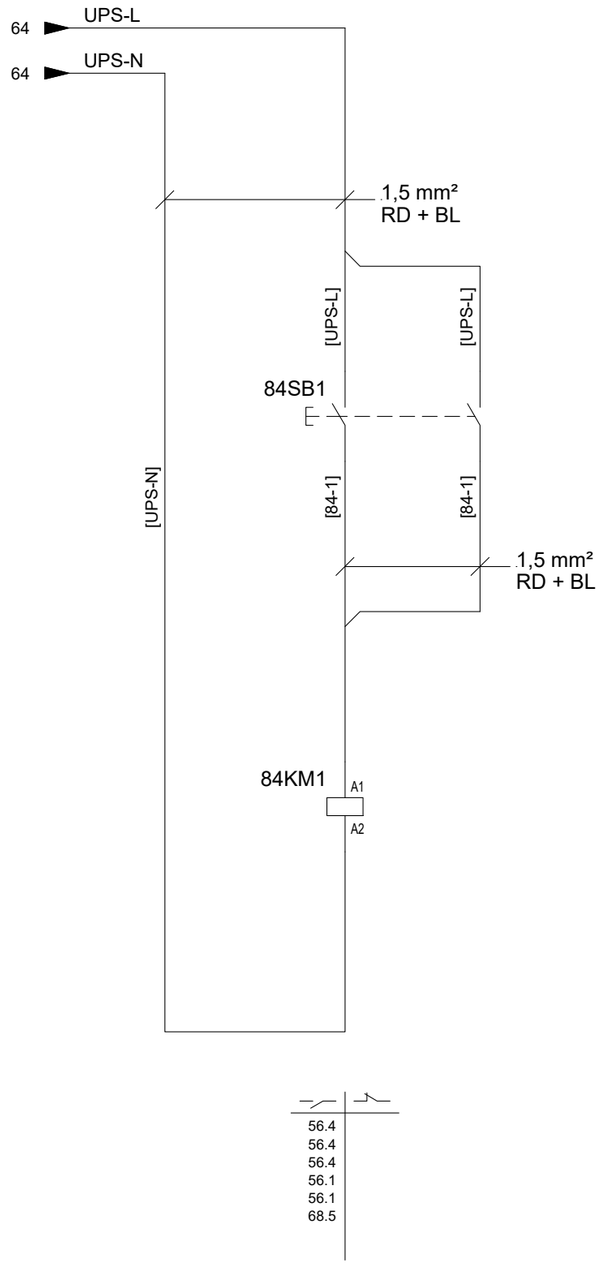
TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
TROLLEY ENCODER

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | SCALE : NTS

A3 | DRAWING NO. 1724001010-MAC-DG-00012 | SHEET 84 | REV. 03

F.to UNI A3: 420mmx297mm

File Name : 24-27012-WD-001 Rev. 03



REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
03	22/10/2024	MPR	GBA	ATR	ACCEPTED FOR CONSTRUCTION (AFC)
02	26/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
01	03/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

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CROSSWIND
ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
MOPS COMMAND

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

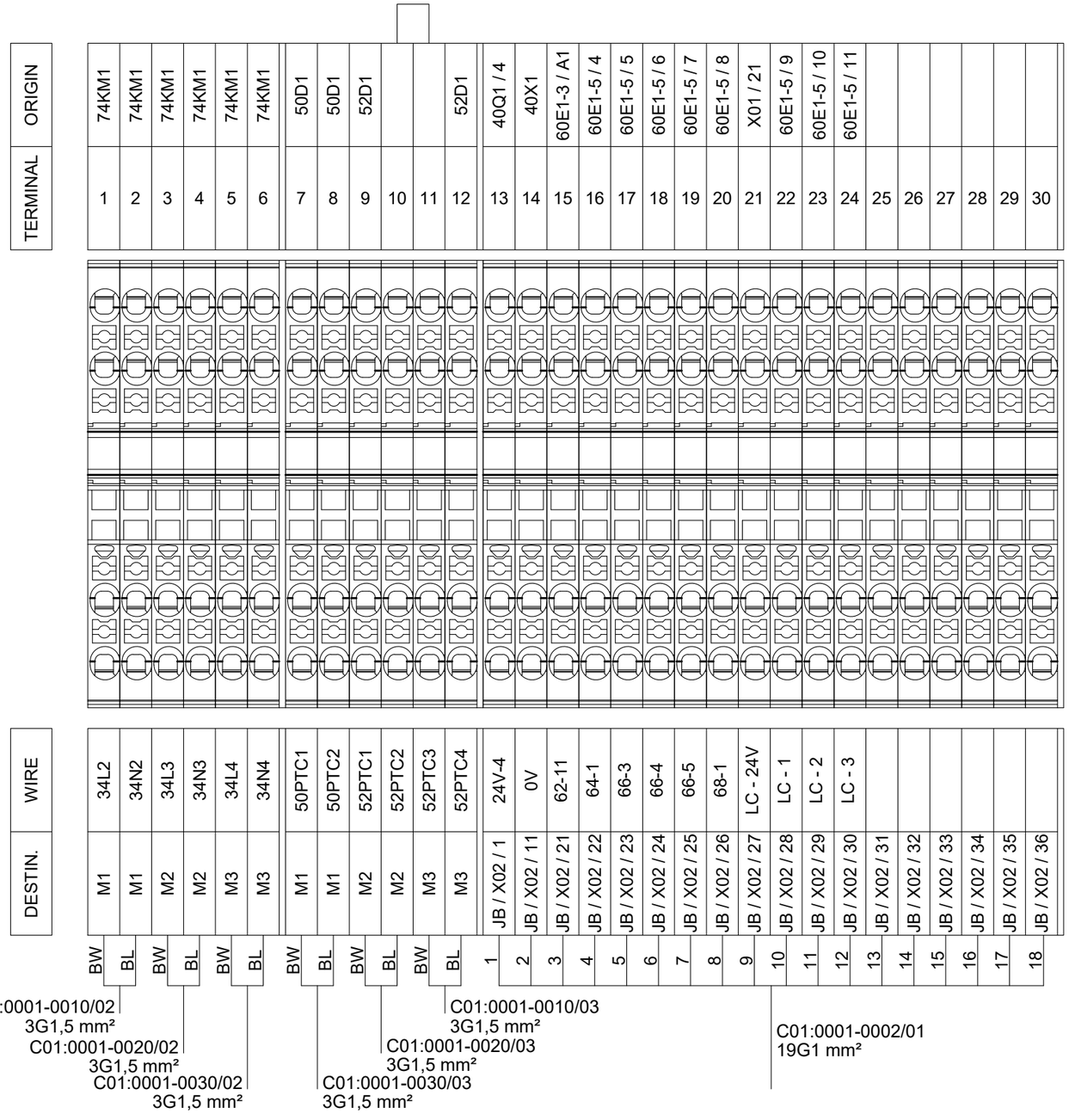
DRAWING NO. 1724001010-MAC-DG-00012

SHEET 86

REV. 03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm



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CROSSWIND
ROSETTI MARINO

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
03	22/10/2024	MPR	GBA	ATR	ACCEPTED FOR CONSTRUCTION (AFC)
02	26/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
01	03/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
TERMINAL STRIP X01

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

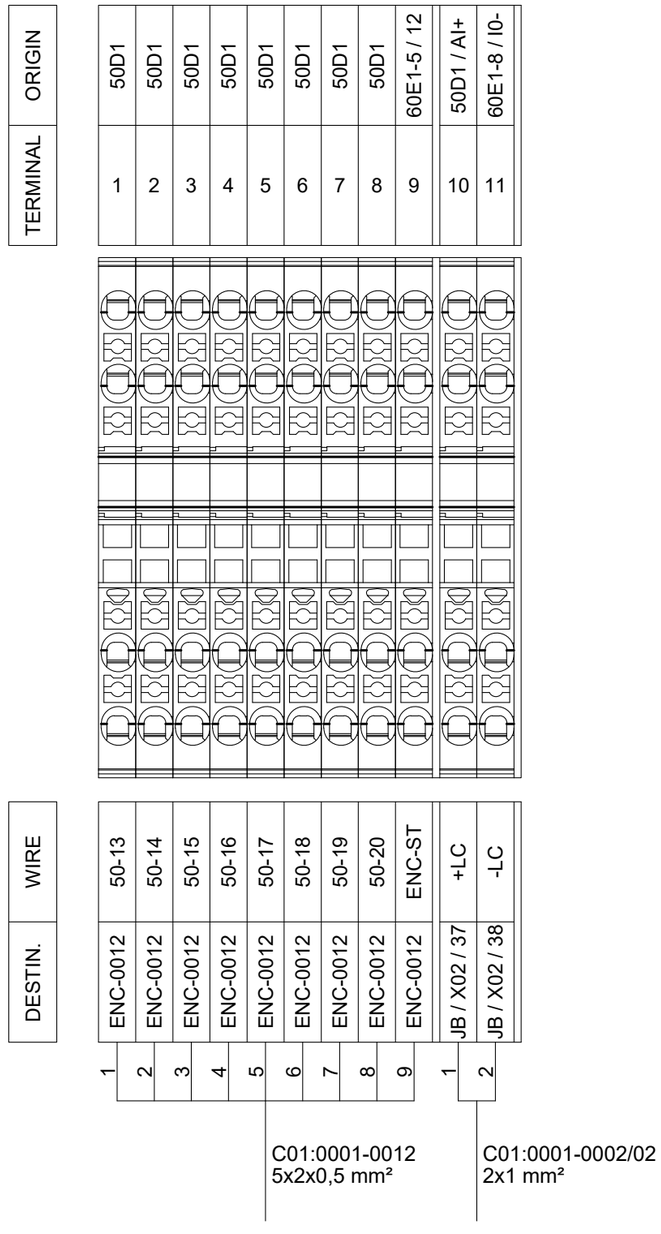
DRAWING NO. 1724001010-MAC-DG-00012

SHEET 90

REV. 03

File Name : 24-27012-WD-001 Rev. 03

F.to UNI A3: 420mmx297mm



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REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
03	22/10/2024	MPR	GBA	ATR	ACCEPTED FOR CONSTRUCTION (AFC)
02	26/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
01	03/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
TERMINAL STRIP XS1

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | SCALE : NTS

A3 | DRAWING NO. 1724001010-MAC-DG-00012 | SHEET 92 | REV. 03

F.to UNI A3: 420mmx297mm

File Name : 24-27012-WD-001 Rev. 03

TERMINAL	ORIGIN
1	SW-0016
2	SW-0036
3	LS-0024
4	LS-0025
5	LS-0034
6	LS-0035
7	ENC-0013
8	ENC-0023
9	ENC-0033
10	80E1 / 14
11	LS-0024
12	LS-0025
13	LS-0034
14	LS-0035
15	ENC-0013
16	ENC-0023
17	ENC-0033
18	80E1 / 15
19	
20	
21	SW-0016
22	SW-0036
23	LS-0024
24	LS-0025
25	LS-0034
26	LS-0035
27	
28	80E1 / 19
29	80E1 / 21
30	80E1 / 23
31	LS-0026
32	
33	
34	
35	
36	
37	80E1 / 16
38	80E1 / 17

WIRE	DESTIN.
24V-4	X01 / 13
24V-4	LS-0026
24V-4	
24V-4	
24V-4	
24V-4	
24V-4	
24V-4	
24V-4	
24V-4	
0V	X01 / 14
0V	LS-0026
0V	
0V	
0V	
0V	
0V	
0V	
62-11	X01 / 15
64-1	X01 / 16
66-3	X01 / 17
66-4	X01 / 18
66-5	X01 / 19
68-1	X01 / 20
LC - 24V	X01 / 21
LC - 1	X01 / 22
LC - 2	X01 / 23
LC - 3	X01 / 24
68-2	X01 / 25
	X01 / 26
	X01 / 27
	X01 / 28
	X01 / 29
	X01 / 30
+LC	50D1 / AI+
-LC	60E1-8 / I0-

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 1 2

C01:0001-0002/01
19G1 mm²

C01:0001-0002/02
2X1 mm² shielded

REMAZEL ENGINEERING
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CROSSWIND
ROSETTI MARINO

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
03	22/10/2024	MPR	GBA	ATR	ACCEPTED FOR CONSTRUCTION (AFC)
02	26/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
01	03/09/2024	MPR	GBA	ATR	ISSUE FOR REVIEW (IFR)
00	26/07/2024	MPR	GBA	ATR	ISSUE FOR COMMENT (IFC)

TITLE : BASE LOAD POWER HUB (BLPH)
DAVIT CRANE WIRING DIAGRAM
TERMINAL STRIP JB / X02

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE : NTS

A3

DRAWING NO. 1724001010-MAC-DG-00012

SHEET 94

REV. 03

F.to UNI A3: 420mmx297mm

File Name : 24-27012-WD-001 Rev. 03