BASE LOAD POWER HUB (BLPH)

NAVIGATION AIDS SYSTEM

SCHEMATIC WIRING DIAGRAMS

ROSETTI MARINO

1	NO COMMENTS - APPROVED - WORK MAY PROCEED
2	MINOR COMMENTS - REVISE AND RESUBMIT - WORK MAY PROCEED
3	MAJOR COMMENTS – REJECTED – DO NOT PROCEED
4	APPROVAL NOT REQUIRED

NOTE: Approval doesn't relieve the supplier from mandatory compliance with contractual documents and specifications. Comments made do not imply acceptance of any cost or delivery impact.

Sign	Date
	14/11/2024

SICE P.O. No : 1724000775 123A90A | SICE JOB No : JB-2416/C | SICE DOC. No : DW-864-5

sice

CROSSWIND | ROSETTI MARINO

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
04	28/10/24	A.B.	M.G.	R.M.	AS-BUILT (ASB)
03	26/09/24	A.B.	M.G.	R.M.	ACCEPTED FOR CONSTRUCTION (AFC)
02	19/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
01	03/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
00	17/06/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)

TITLE : BASE LOAD POWER HUB (BLPH) SCHEMATIC WIRING DIAGRAMS FRONT PAGE

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

A3	DRAWING NO.	SHEET	REV.
	1724000775-EL-DG-00006	001	04

F.to UNI A3: 420mmx297mm

File Name : 1724000775-EL-DG-00006 REV.4.DWG

REV. No.	SHEET No.	DESCRIPTION	REF. CODE
04	001	FRONT PAGE	
04	002	SUMMARY AND GENERAL NOTES	
04	003	SYMBOL LIST	
04	004	NCCP & BATTERY CHARGER/RECTIFIER – SCHEMATIC WIRING DIAGRAM 1 of 17	
04	005	NCCP & BATTERY CHARGER/RECTIFIER – SCHEMATIC WIRING DIAGRAM 2 of 17	
04	006	NCCP & BATTERY CHARGER/RECTIFIER – SCHEMATIC WIRING DIAGRAM 3 of 17	
04	007	NCCP & BATTERY CHARGER/RECTIFIER – SCHEMATIC WIRING DIAGRAM 4 of 17	
04	008	NCCP & BATTERY CHARGER/RECTIFIER – SCHEMATIC WIRING DIAGRAM 5 of 17	
04	009	NCCP & BATTERY CHARGER/RECTIFIER – SCHEMATIC WIRING DIAGRAM 6 of 17	
04	010	NCCP & BATTERY CHARGER/RECTIFIER – SCHEMATIC WIRING DIAGRAM 7 of 17	
04	011	NCCP & BATTERY CHARGER/RECTIFIER – SCHEMATIC WIRING DIAGRAM 8 of 17	
04	012	NCCP & BATTERY CHARGER/RECTIFIER – SCHEMATIC WIRING DIAGRAM 9 of 17	
04	013	NCCP & BATTERY CHARGER/RECTIFIER – SCHEMATIC WIRING DIAGRAM 10 of 17	
04	014	NCCP & BATTERY CHARGER/RECTIFIER – SCHEMATIC WIRING DIAGRAM 11 of 17	
04	015	NCCP & BATTERY CHARGER/RECTIFIER – SCHEMATIC WIRING DIAGRAM 12 of 17	
04	016	NCCP & BATTERY CHARGER/RECTIFIER – SCHEMATIC WIRING DIAGRAM 13 of 17	
04	017	NCCP & BATTERY CHARGER/RECTIFIER – SCHEMATIC WIRING DIAGRAM 14 of 17	
04	018	NCCP & BATTERY CHARGER/RECTIFIER – SCHEMATIC WIRING DIAGRAM 15 of 17	
04	019	NCCP & BATTERY CHARGER/RECTIFIER – SCHEMATIC WIRING DIAGRAM 16 of 17	
04	020	NCCP & BATTERY CHARGER/RECTIFIER – SCHEMATIC WIRING DIAGRAM 17 of 17	
04	021	NAVAIDS BATTERY BREAKER – SCHEMATIC WIRING DIAGRAM 1 of 1	
04	022	PHOTOCELL SYSTEM – SCHEMATIC WIRING DIAGRAM 1 of 1	

GENERAL NOTES

(1) INTERNAL WIRING MADE BY SICE BY USING WIRES TYPE FG17 450/750V (CEI 20-38 CEI UNEL 35310 EN 50575:2014 + EN 50575/A1:2016)

(2) COLOR CODE OF INTERNAL WIRING AS FOLLOWS:

FOR AC SYSTEMS:

230VAC POWER SUPPLY (L1)	-> BLACK
230VAC POWER SUPPLY (L2)	-> GREY
230VAC POWER SUPPLY (L3)	-> BROWN
230VAC POWER SUPPLY (N)	-> BLUE
PROTECTIVE EARTH (PE)	-> GREEN/YELLOW
CONTROL/SIGNALLING	-> BLACK

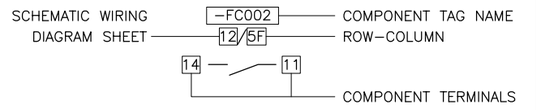
FOR DC SYSTEMS:

DC POSITIVE POLE (+)	-> RED
DC NEGATIVE POLE (-)	-> BLUE (WHITE)
CONTROL/SIGNALLING	-> BLACK
INSTRUMENT EARTH (IE)	-> GREEN

(3) FOR A DETAILED DESCRIPTION OF EACH ITEM, PLEASE REFER TO THE MATERIAL LIST & BILL OF MATERIAL (DOC. No. 1724000775-EL-LIS-00009).

(4)

CROSS-REFERENCE



SICE P.O. No : 1724000775 123A90A | SICE JOB No : JB-2416/C | SICE DOC. No : DW-864-5

SICE ELETTRONICA sice

CROSSWIND | ROSETTI MARINO

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
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TITLE : BASE LOAD POWER HUB (BLPH)
SCHEMATIC WIRING DIAGRAMS
SUMMARY AND GENERAL NOTES

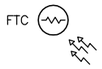
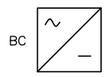
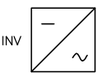
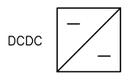
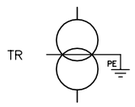
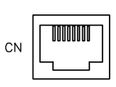
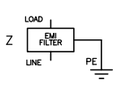
CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | SCALE : NTS

A3 | DRAWING NO. 1724000775-EL-DG-00006 | SHEET 002 | REV. 04

F.to UNI A3: 420mmx297mm

File Name : 1724000775-EL-DG-00006 REV.4.DWG

SYMBOL LIST

 AUTOMATIC CIRCUIT BREAKER (MAGNETO–THERMIC)	 AUTOMATIC CIRCUIT BREAKER (ONLY MAGNETIC)	 AUXILIARY / RELAY CONTACT (NORMALLY OPEN)	 AUXILIARY / RELAY CONTACT (NORMALLY CLOSED)	 RELAY COIL (COIL POWERED AT 24VDC)	 RELAY COIL (COIL POWERED AT 230VAC)
 POWER CONTACTOR (COIL POWERED AT 24VDC)	 UNDERCURRENT MONITORING RELAY	 24VDC EARTH INSULATION MONITORING RELAY	 230VAC EARTH INSULATION MONITORING RELAY	 PHOTOCELL RELAY (POWERED AT 24VDC)	 THERMIC SWITCH (CLOSED WHEN TEMPERATURE HIGHER THAN THRESHOLD)
 COOLING FAN	 230VAC SOCKET	 DIODE	 CURRENT SHUNT	 0...60mV TO 4...20mA TRANSDUCER	 TERMINAL
 TERMINAL WITH FUSE	 PILOT LIGHT	 CABINET INTERNAL LIGHT	LIMIT SWITCH	 PHOTOCELL (RESISTANCE SENSIBLE TO LIGHT)	 MARINE SIGNAL LIGHT CODER CIRCUIT
 STATUS LIGHT CODER CIRCUIT	 MEDIUM INTENSITY OBSTRUCTION LIGHT CODER CIRCUIT	 BATTERY CHARGER MODULE (AC/DC)	 POWER AC/DC CONVERTER MODULE (AC/DC)	 POWER INVERTER MODULE (DC/AC)	 POWER DC/DC CONVERTER MODULE (DC/DC)
 VOLTAGE TRANSFORMER	 CONTROL SYSTEM	 MODBUS INTERFACE (SLAVE)	 MECHANICAL INTERLOCK BETWEEN POWER CONTACTORS (KM)	 PUSH–BUTTON	 2–POSITION SELECTOR SWITCH
 3–POSITION SELECTOR SWITCH	 AUTOMATIC CHANGE–OVER	 RJ–45 MODULAR JACK	 EMI FILTER	ASTRONOMIC SWITCH	SURGE ARRESTER

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REV.	DATE	DRN	CHKD	APPD	DESCRIPTION

SICE P.O. No : 1724000775 123A90A | SICE JOB No : JB–2416/C | SICE DOC. No : DW–864–5

SICE ELETTRONICA sice

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ROSETTI MARINO

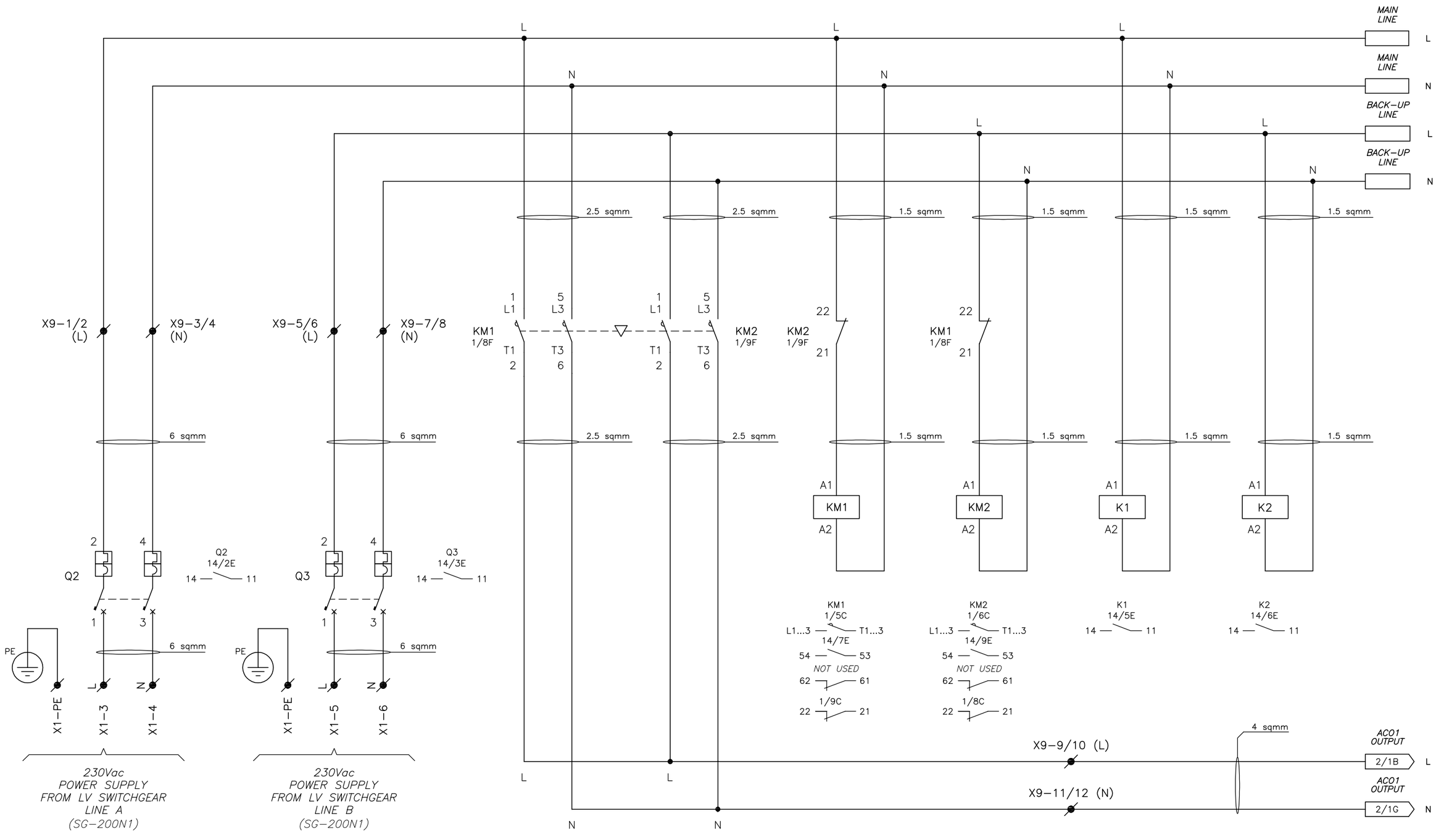
TITLE : BASE LOAD POWER HUB (BLPH)
SCHEMATIC WIRING DIAGRAMS
SYMBOL LIST

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

A3 | DRAWING NO. 1724000775–EL–DG–00006 | SHEET 003 | REV. 04

F.to UNI A3: 420mmx297mm

File Name : 1724000775–EL–DG–00006 REV.4.DWG



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REV.	DATE	DRN	CHKD	APPD	DESCRIPTION

SICE P.O. No : 1724000775 123A90A | SICE JOB No : JB-2416/C | SICE DOC. No : DW-864-5

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ROSETTI MARINO

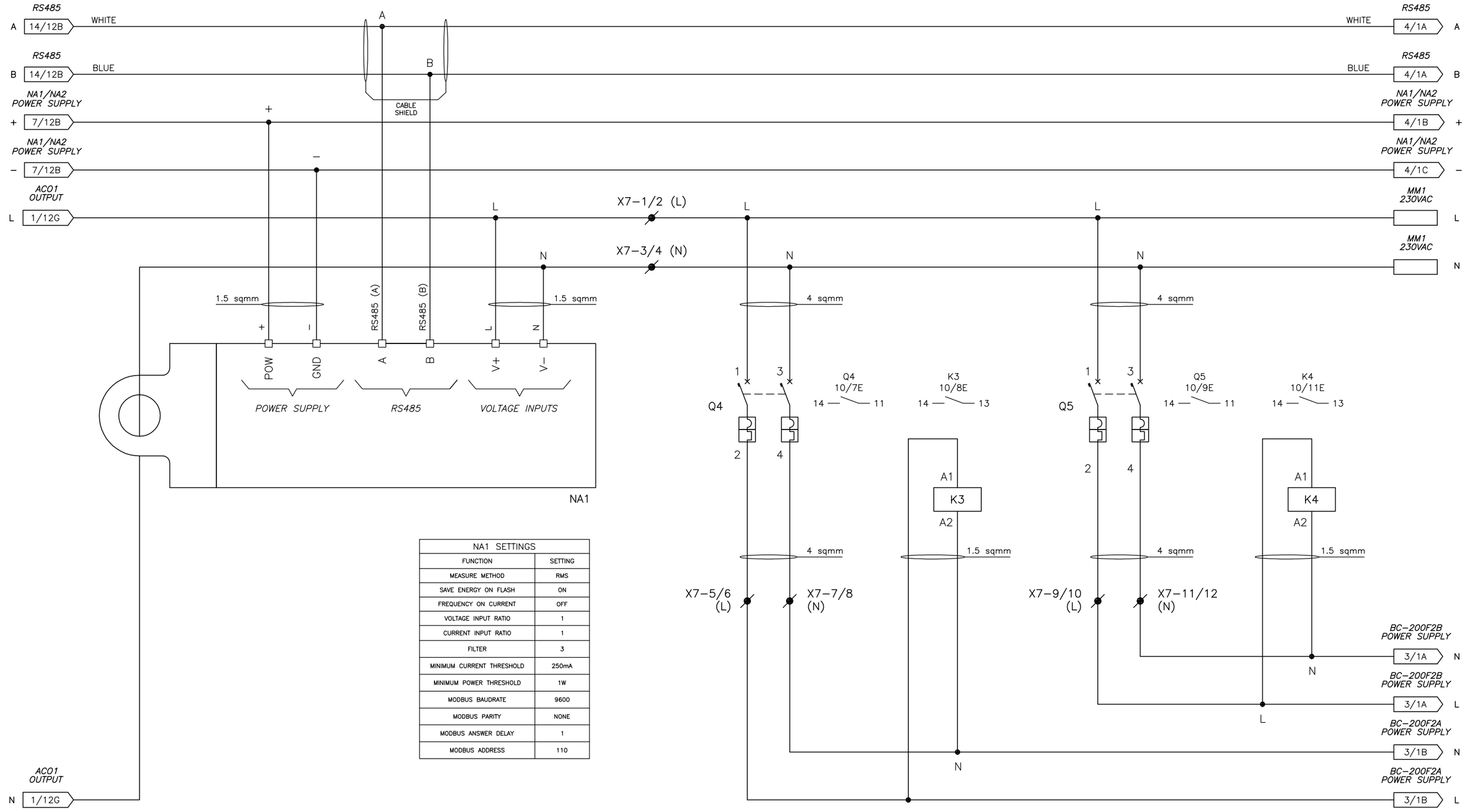
TITLE : BASE LOAD POWER HUB (BLPH)
NCCP & BATTERY CHARGER/RECTIFIER
SCHEMATIC WIRING DIAGRAM 1 of 17

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

A3 | DRAWING NO. 1724000775–EL–DG–00006 | SHEET 004 | REV. 03

F.to UNI A3: 420mmx297mm

File Name : 1724000775–EL–DG–00006 REV.4.DWG



NA1 SETTINGS	
FUNCTION	SETTING
MEASURE METHOD	RMS
SAVE ENERGY ON FLASH	ON
FREQUENCY ON CURRENT	OFF
VOLTAGE INPUT RATIO	1
CURRENT INPUT RATIO	1
FILTER	3
MINIMUM CURRENT THRESHOLD	250mA
MINIMUM POWER THRESHOLD	1W
MODBUS BAUDRATE	9600
MODBUS PARITY	NONE
MODBUS ANSWER DELAY	1
MODBUS ADDRESS	110

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
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CROSSWIND | ROSETTI MARINO

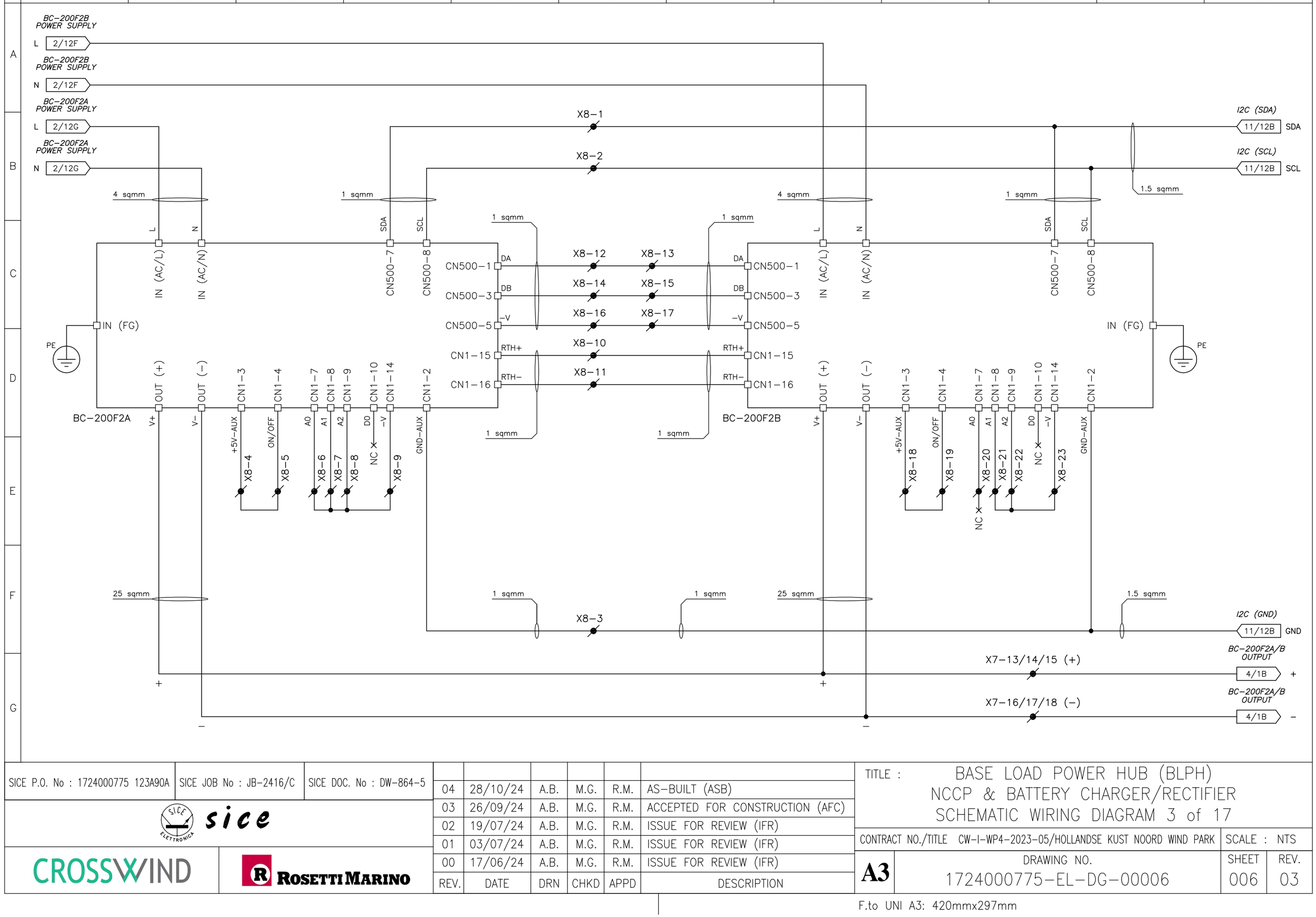
TITLE : BASE LOAD POWER HUB (BLPH)
NCCP & BATTERY CHARGER/RECTIFIER
SCHEMATIC WIRING DIAGRAM 2 of 17

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

A3 | DRAWING NO. 1724000775–EL–DG–00006 | SHEET 005 | REV. 03

F.to UNI A3: 420mmx297mm

File Name : 1724000775–EL–DG–00006 REV.4.DWG



SICE P.O. No : 1724000775 123A90A	SICE JOB No : JB-2416/C	SICE DOC. No : DW-864-5			

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
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00	17/06/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)

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ROSETTI MARINO

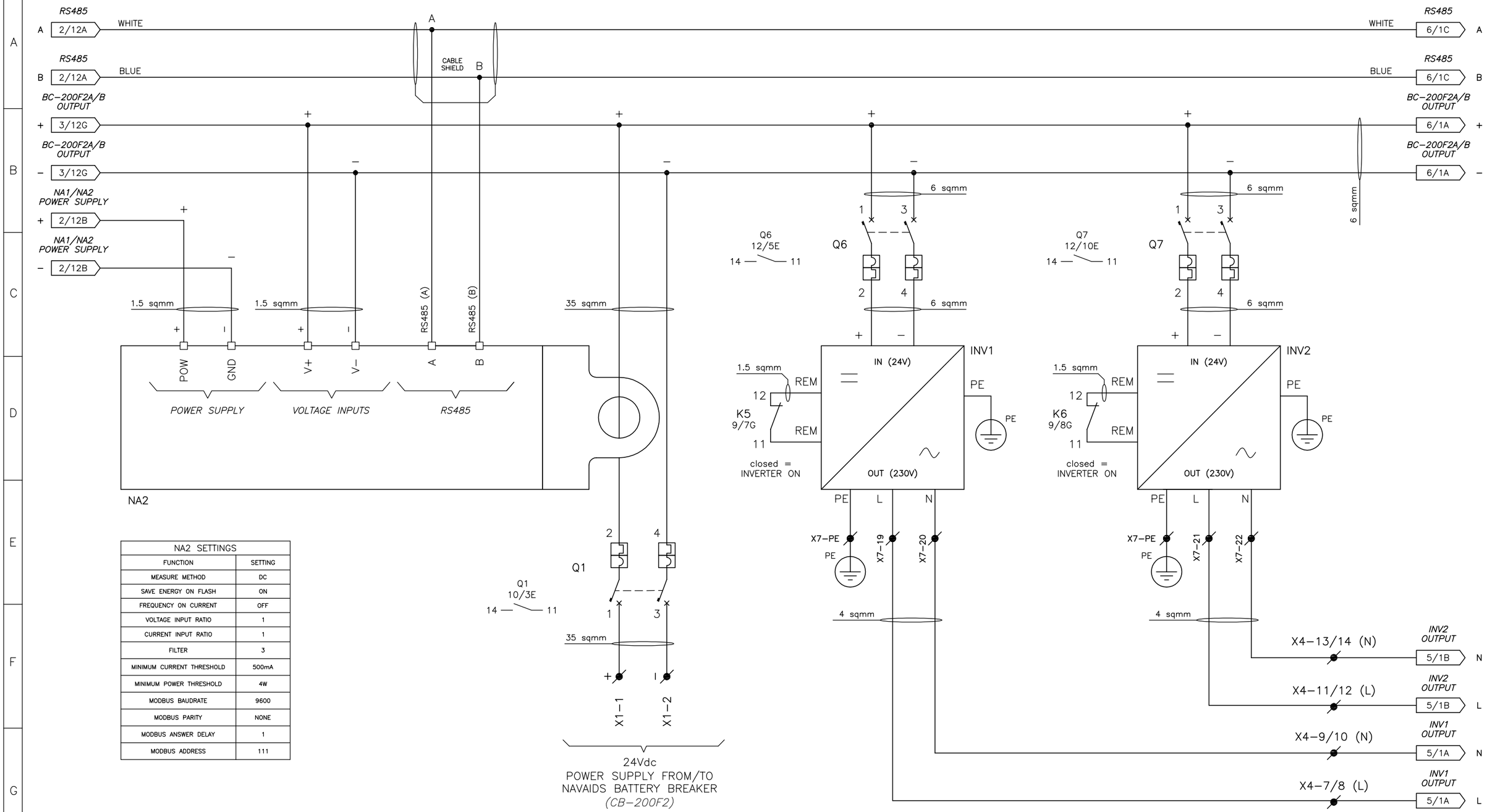
TITLE : BASE LOAD POWER HUB (BLPH)
NCCP & BATTERY CHARGER/RECTIFIER
SCHEMATIC WIRING DIAGRAM 3 of 17

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

A3 | DRAWING NO. 1724000775-EL-DG-00006 | SHEET 006 | REV. 03

F.to UNI A3: 420mmx297mm

File Name : 1724000775-EL-DG-00006 REV.4.DWG



NA2 SETTINGS	
FUNCTION	SETTING
MEASURE METHOD	DC
SAVE ENERGY ON FLASH	ON
FREQUENCY ON CURRENT	OFF
VOLTAGE INPUT RATIO	1
CURRENT INPUT RATIO	1
FILTER	3
MINIMUM CURRENT THRESHOLD	500mA
MINIMUM POWER THRESHOLD	4W
MODBUS BAUDRATE	9600
MODBUS PARITY	NONE
MODBUS ANSWER DELAY	1
MODBUS ADDRESS	111

SICE P.O. No : 1724000775 123A90A | SICE JOB No : JB-2416/C | SICE DOC. No : DW-864-5

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CROSSWIND | ROSETTI MARINO

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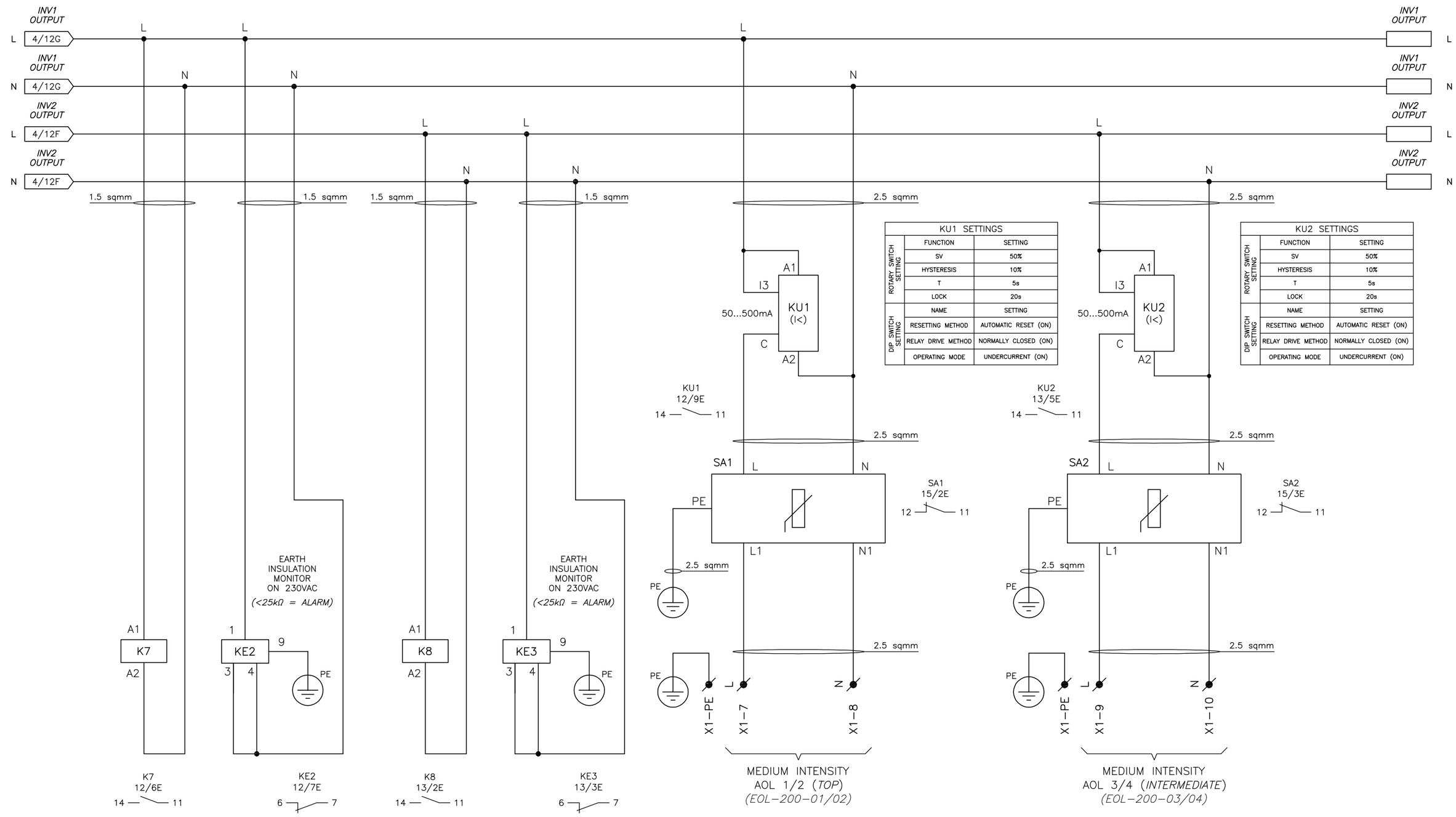
TITLE : BASE LOAD POWER HUB (BLPH)
NCCP & BATTERY CHARGER/RECTIFIER
SCHEMATIC WIRING DIAGRAM 4 of 17

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

A3 | DRAWING NO. 1724000775-EL-DG-00006 | SHEET 007 | REV. 03

F.to UNI A3: 420mmx297mm

File Name : 1724000775-EL-DG-00006 REV.4.DWG



KU1 SETTINGS		
ROTARY SWITCH SETTING	FUNCTION	SETTING
	SV	50%
	HYSTERESIS	10%
	T	5s
	LOCK	20s
DIP SWITCH SETTING	NAME	SETTING
	RESETTING METHOD	AUTOMATIC RESET (ON)
	RELAY DRIVE METHOD	NORMALLY CLOSED (ON)
	OPERATING MODE	UNDERCURRENT (ON)

KU2 SETTINGS		
ROTARY SWITCH SETTING	FUNCTION	SETTING
	SV	50%
	HYSTERESIS	10%
	T	5s
	LOCK	20s
DIP SWITCH SETTING	NAME	SETTING
	RESETTING METHOD	AUTOMATIC RESET (ON)
	RELAY DRIVE METHOD	NORMALLY CLOSED (ON)
	OPERATING MODE	UNDERCURRENT (ON)

SICE P.O. No : 1724000775 123A90A | SICE JOB No : JB-2416/C | SICE DOC. No : DW-864-5

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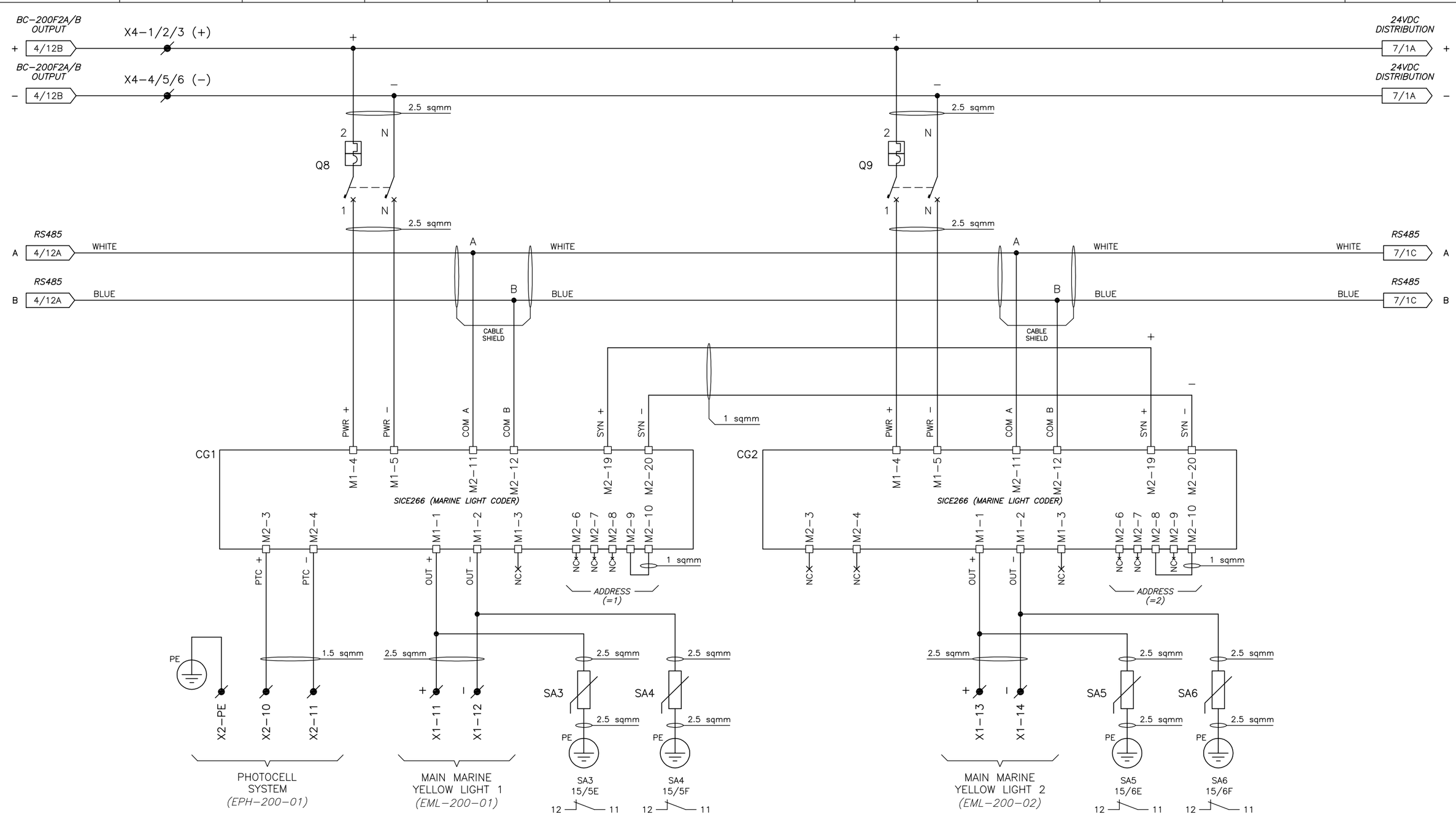
TITLE : BASE LOAD POWER HUB (BLPH)
NCCP & BATTERY CHARGER/RECTIFIER
SCHEMATIC WIRING DIAGRAM 5 of 17

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

A3 | DRAWING NO. 1724000775-EL-DG-00006 | SHEET 008 | REV. 03

F.to UNI A3: 420mmx297mm

File Name : 1724000775-EL-DG-00006 REV.4.DWG



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REV.	DATE	DRN	CHKD	APPD	DESCRIPTION

SICE P.O. No : 1724000775 123A90A | SICE JOB No : JB-2416/C | SICE DOC. No : DW-864-5

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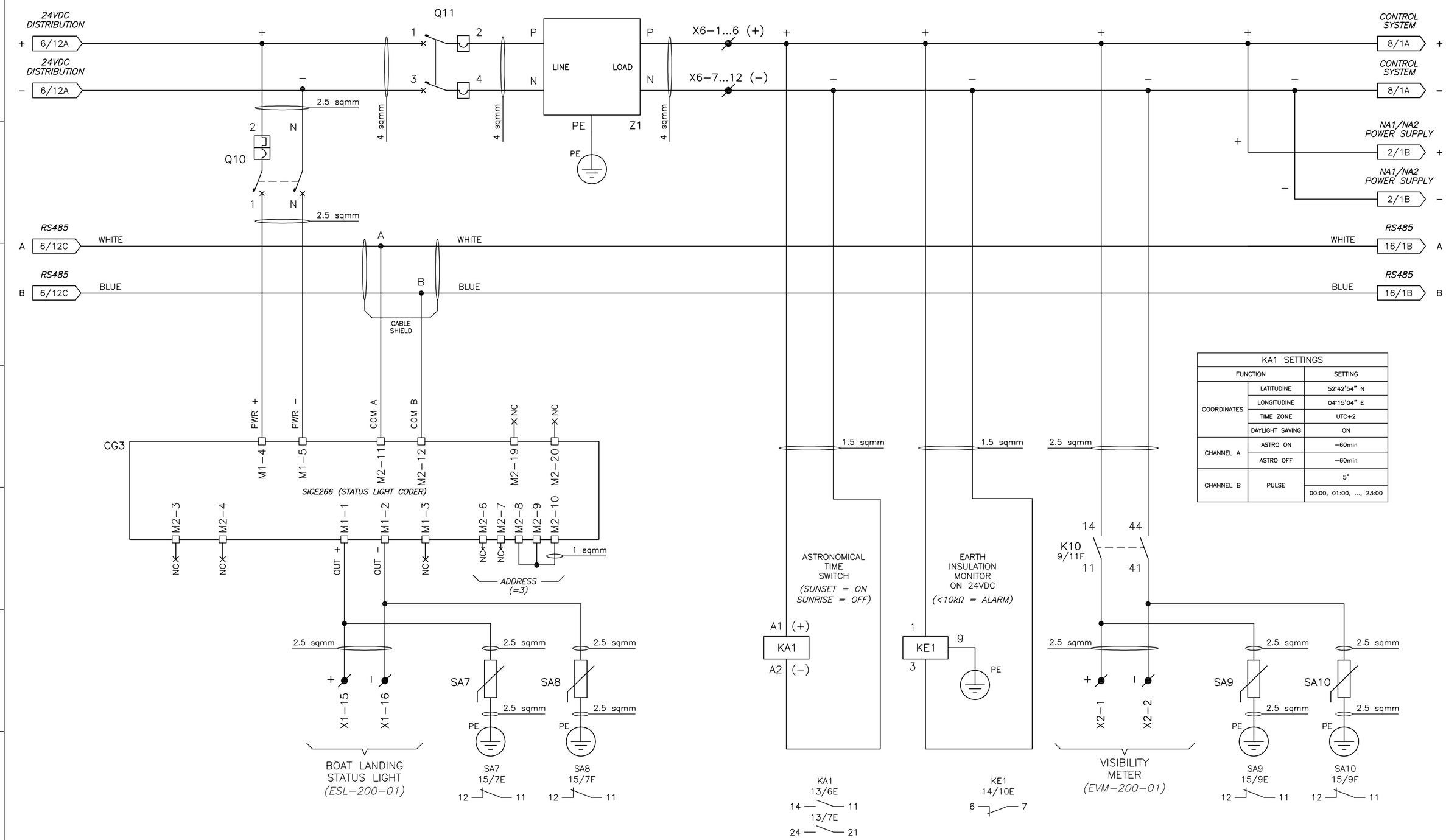
TITLE : BASE LOAD POWER HUB (BLPH)
NCCP & BATTERY CHARGER/RECTIFIER
SCHEMATIC WIRING DIAGRAM 6 of 17

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

A3 | DRAWING NO. 1724000775-EL-DG-00006 | SHEET 009 | REV. 03

F.to UNI A3: 420mmx297mm

File Name : 1724000775-EL-DG-00006 REV.4.DWG



KA1 SETTINGS		
FUNCTION		SETTING
COORDINATES	LATITUDINE	52°42'54" N
	LONGITUDINE	04°15'04" E
	TIME ZONE	UTC+2
	DAYLIGHT SAVING	ON
CHANNEL A	ASTRO ON	–60min
	ASTRO OFF	–60min
CHANNEL B	PULSE	5"
		00:00, 01:00, ..., 23:00

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
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CROSSWIND

ROSETTI MARINO

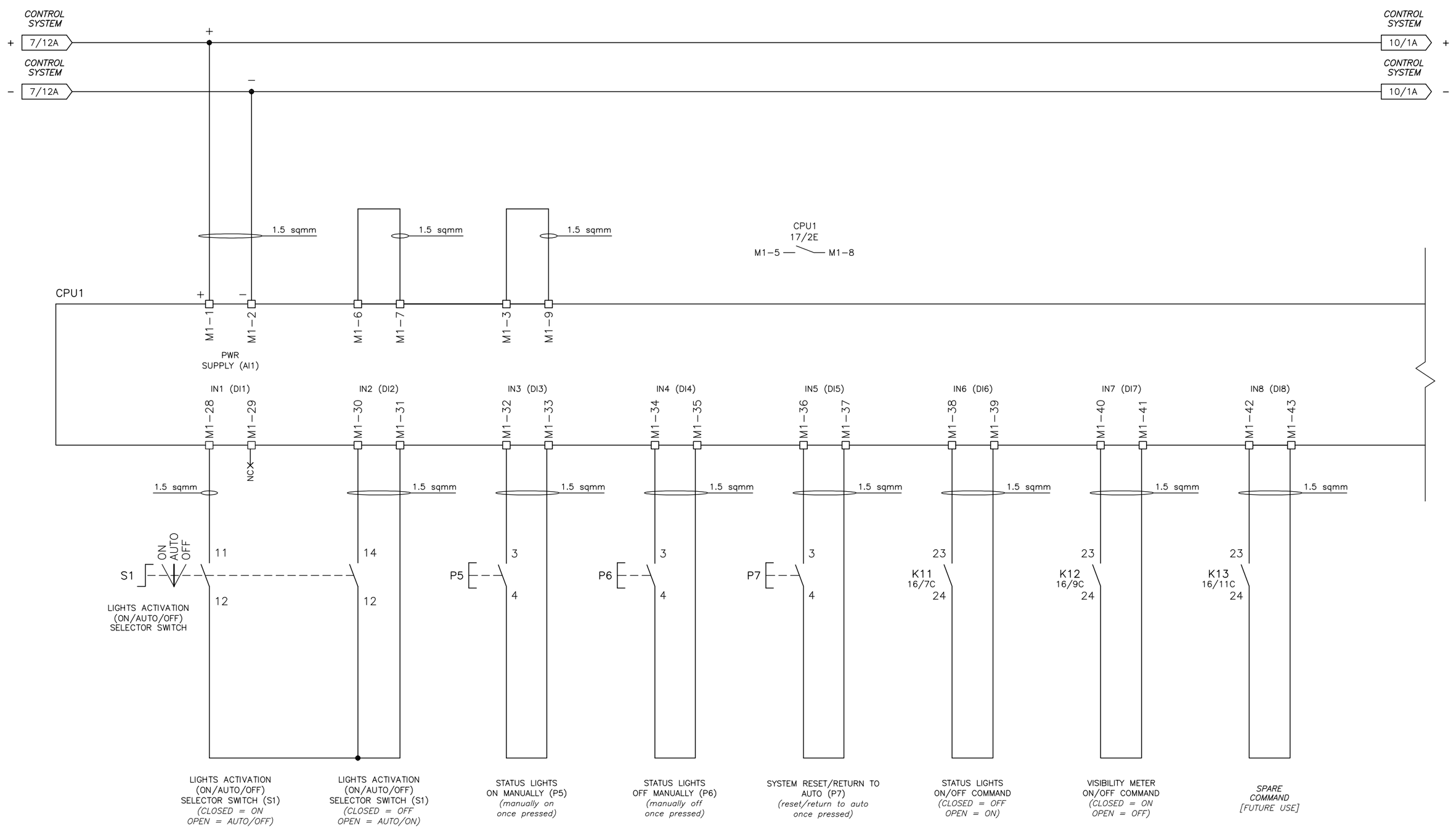
TITLE : BASE LOAD POWER HUB (BLPH)
NCCP & BATTERY CHARGER/RECTIFIER
SCHEMATIC WIRING DIAGRAM 7 of 17

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

A3 | DRAWING NO. 1724000775–EL–DG–00006 | SHEET 010 | REV. 03

F.to UNI A3: 420mmx297mm

File Name : 1724000775–EL–DG–00006 REV.4.DWG



04	28/10/24	A.B.	M.G.	R.M.	AS−BUILT (ASB)
03	26/09/24	A.B.	M.G.	R.M.	ACCEPTED FOR CONSTRUCTION (AFC)
02	19/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
01	03/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
00	17/06/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
REV.	DATE	DRN	CHKD	APPD	DESCRIPTION

SICE P.O. No : 1724000775 123A90A | SICE JOB No : JB−2416/C | SICE DOC. No : DW−864−5

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CROSSWIND | ROSETTI MARINO

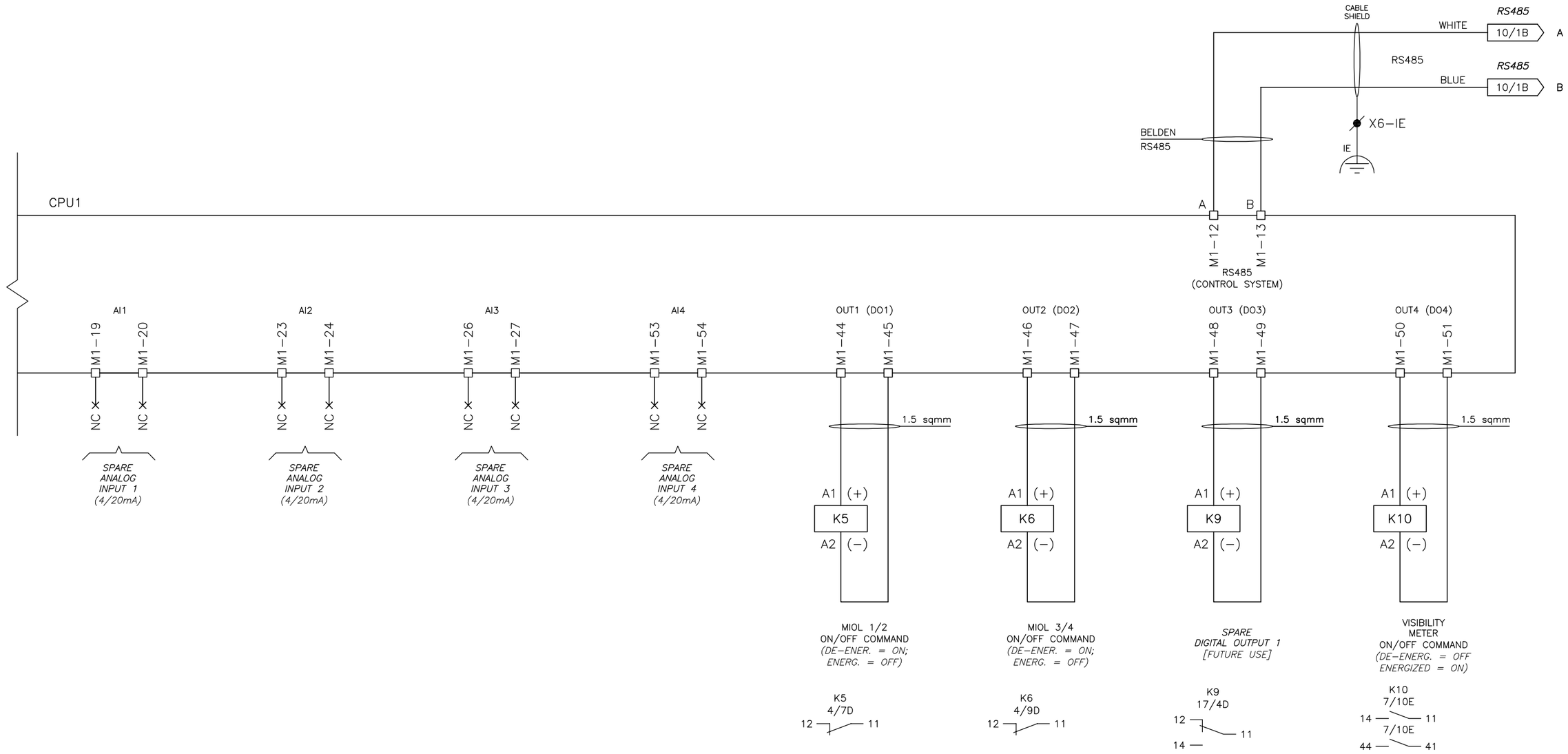
TITLE : BASE LOAD POWER HUB (BLPH)
NCCP & BATTERY CHARGER/RECTIFIER
SCHEMATIC WIRING DIAGRAM 8 of 17

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

A3 | DRAWING NO. 1724000775−EL−DG−00006 | SHEET 011 | REV. 03

F.to UNI A3: 420mmx297mm

File Name : 1724000775−EL−DG−00006 REV.4.DWG



SICE P.O. No : 1724000775 123A90A	SICE JOB No : JB–2416/C	SICE DOC. No : DW–864–5			

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
04	28/10/24	A.B.	M.G.	R.M.	AS–BUILT (ASB)
03	26/09/24	A.B.	M.G.	R.M.	ACCEPTED FOR CONSTRUCTION (AFC)
02	19/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
01	03/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
00	17/06/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)

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ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
NCCP & BATTERY CHARGER/RECTIFIER
SCHEMATIC WIRING DIAGRAM 9 of 17

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

SCALE : NTS

A3

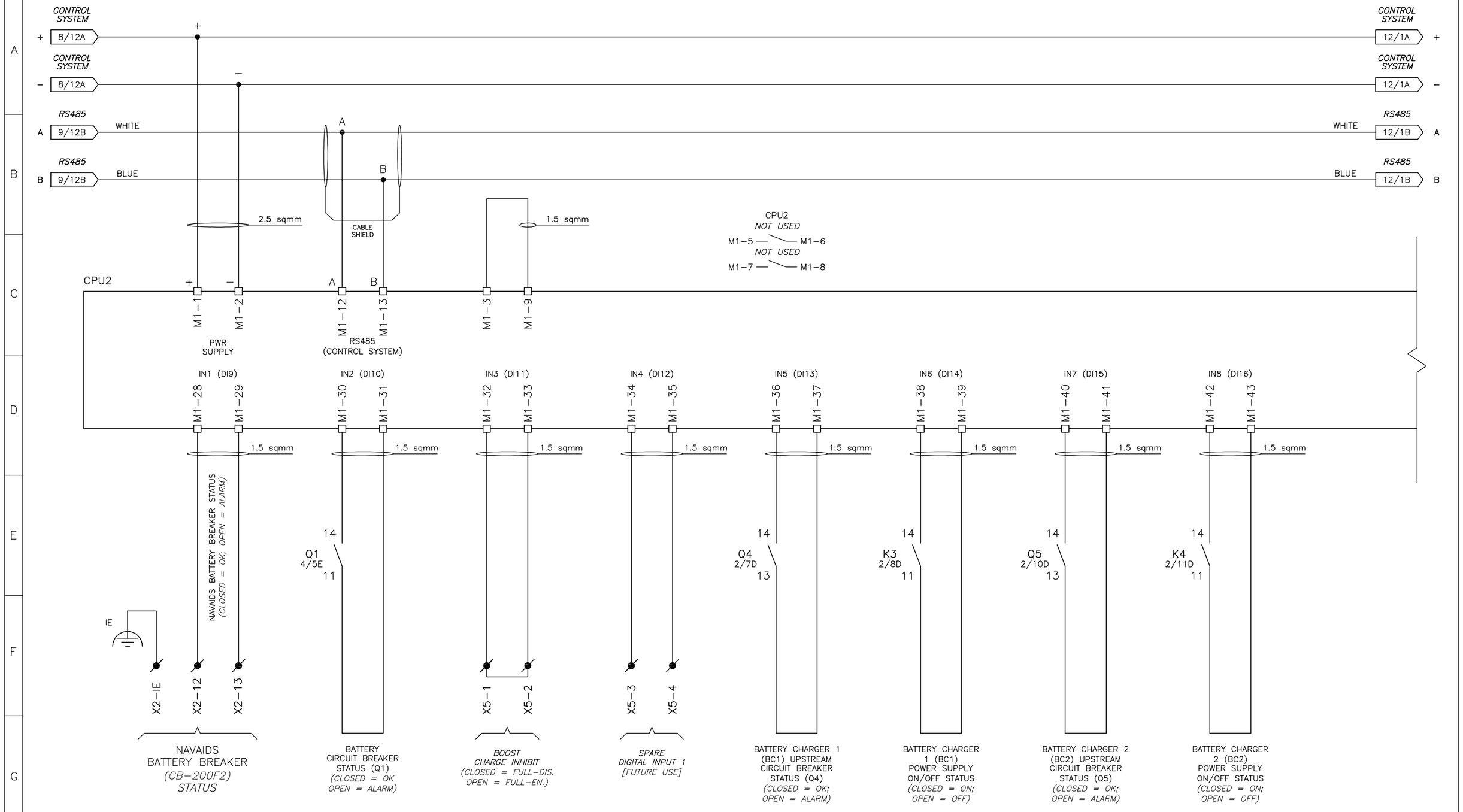
DRAWING NO. 1724000775–EL–DG–00006

SHEET 012

REV. 03

F.to UNI A3: 420mmx297mm

File Name : 1724000775–EL–DG–00006 REV.4.DWG



REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
04	28/10/24	A.B.	M.G.	R.M.	AS−BUILT (ASB)
03	26/09/24	A.B.	M.G.	R.M.	ACCEPTED FOR CONSTRUCTION (AFC)
02	19/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
01	03/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
00	17/06/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)

SICE P.O. No : 1724000775 123A90A | SICE JOB No : JB−2416/C | SICE DOC. No : DW−864−5

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ROSETTI MARINO

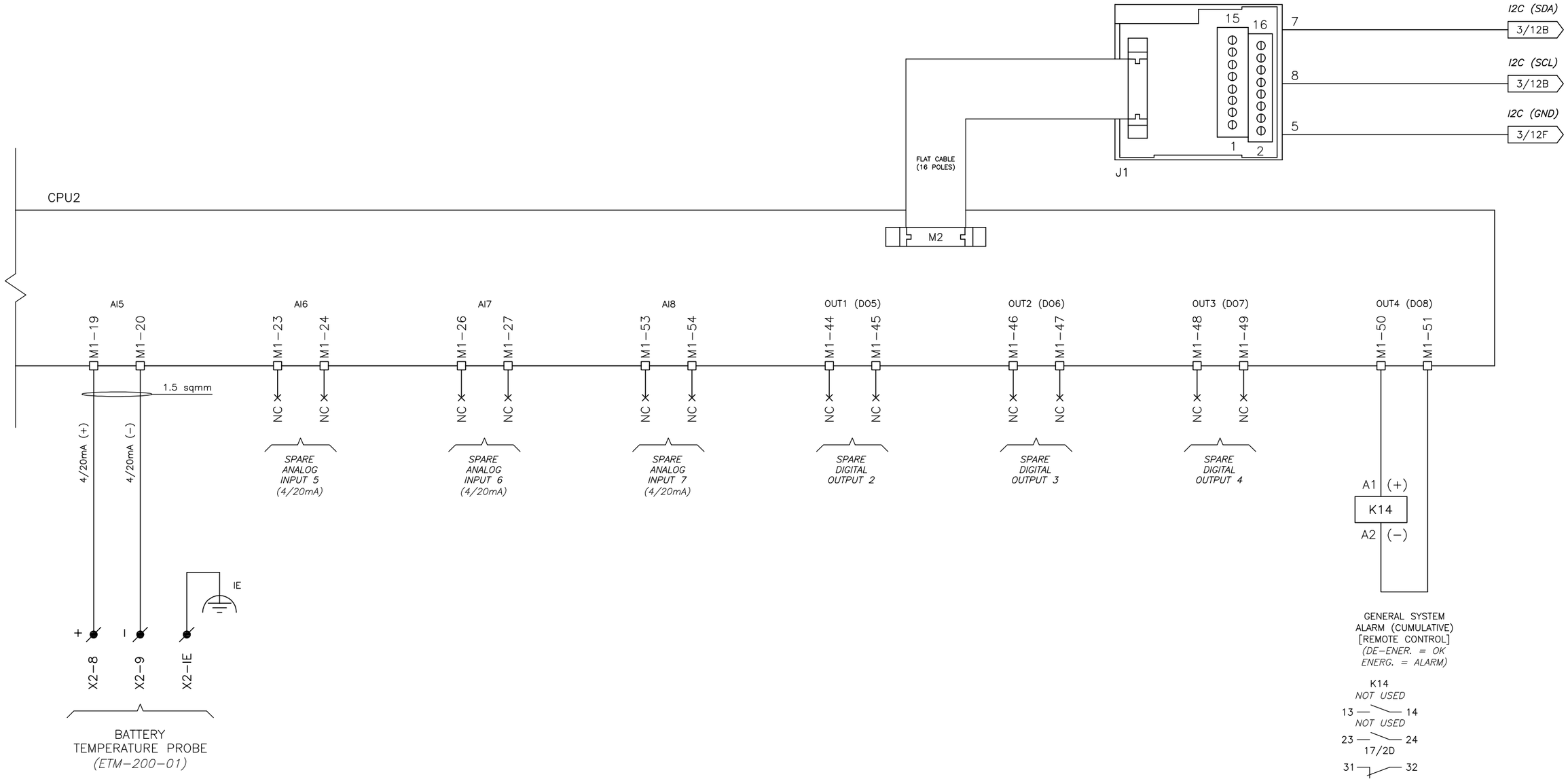
TITLE : BASE LOAD POWER HUB (BLPH)
NCCP & BATTERY CHARGER/RECTIFIER
SCHEMATIC WIRING DIAGRAM 10 of 17

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

A3 | DRAWING NO. 1724000775−EL−DG−00006 | SHEET 013 | REV. 03

F.to UNI A3: 420mmx297mm

File Name : 1724000775−EL−DG−00006 REV.4.DWG



SICE P.O. No : 1724000775 123A90A	SICE JOB No : JB-2416/C	SICE DOC. No : DW-864-5			

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
04	28/10/24	A.B.	M.G.	R.M.	AS-BUILT (ASB)
03	26/09/24	A.B.	M.G.	R.M.	ACCEPTED FOR CONSTRUCTION (AFC)
02	19/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
01	03/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
00	17/06/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)

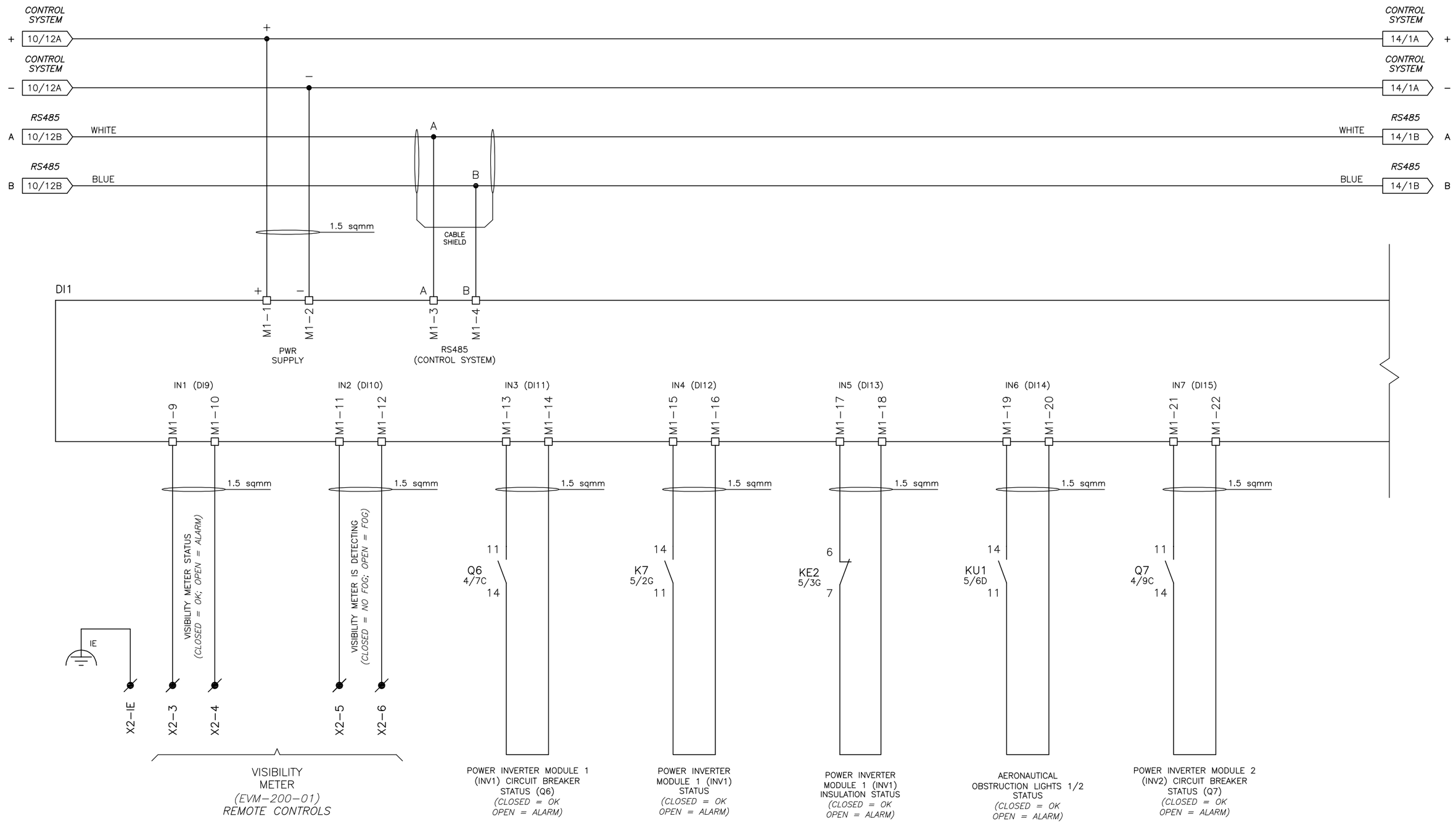
TITLE : BASE LOAD POWER HUB (BLPH)
NCCP & BATTERY CHARGER/RECTIFIER
SCHEMATIC WIRING DIAGRAM 11 of 17

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

A3 | DRAWING NO. 1724000775-EL-DG-00006 | SHEET 014 | REV. 03

F.to UNI A3: 420mmx297mm

File Name : 1724000775-EL-DG-00006 REV.4.DWG



04	28/10/24	A.B.	M.G.	R.M.	AS–BUILT (ASB)
03	26/09/24	A.B.	M.G.	R.M.	ACCEPTED FOR CONSTRUCTION (AFC)
02	19/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
01	03/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
00	17/06/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
REV.	DATE	DRN	CHKD	APPD	DESCRIPTION

SICE P.O. No : 1724000775 123A90A | SICE JOB No : JB–2416/C | SICE DOC. No : DW–864–5

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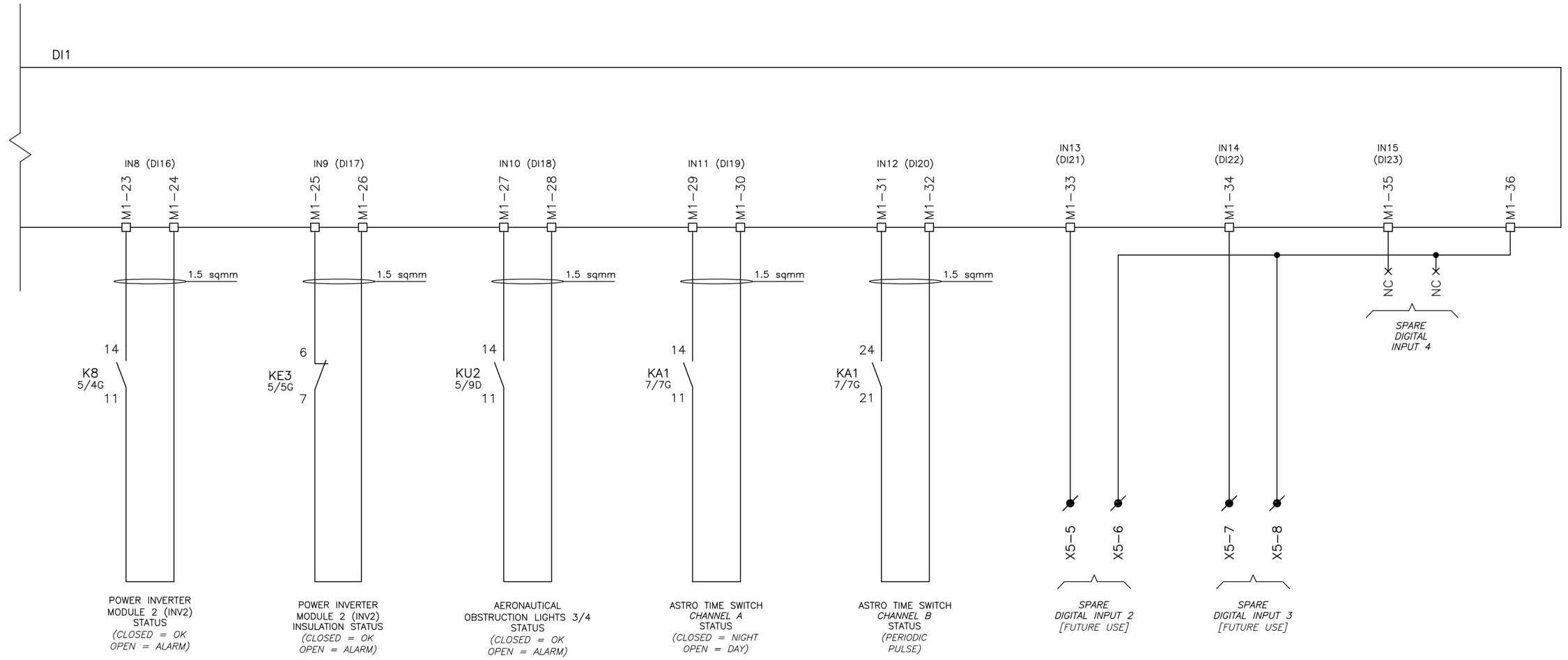
TITLE : BASE LOAD POWER HUB (BLPH)
NCCP & BATTERY CHARGER/RECTIFIER
SCHEMATIC WIRING DIAGRAM 12 of 17

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

A3 | DRAWING NO. 1724000775–EL–DG–00006 | SHEET 015 | REV. 03

F.to UNI A3: 420mmx297mm

File Name : 1724000775–EL–DG–00006 REV.4.DWG



04	28/10/24	A.B.	M.G.	R.M.	AS-BUILT (ASB)
03	26/09/24	A.B.	M.G.	R.M.	ACCEPTED FOR CONSTRUCTION (AFC)
02	19/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
01	03/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
00	17/06/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
REV.	DATE	DRN	CHKD	APPD	DESCRIPTION

SICE P.O. No : 1724000775 123A90A | SICE JOB No : JB-2416/C | SICE DOC. No : DW-864-5

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CROSSWIND | ROSETTI MARINO

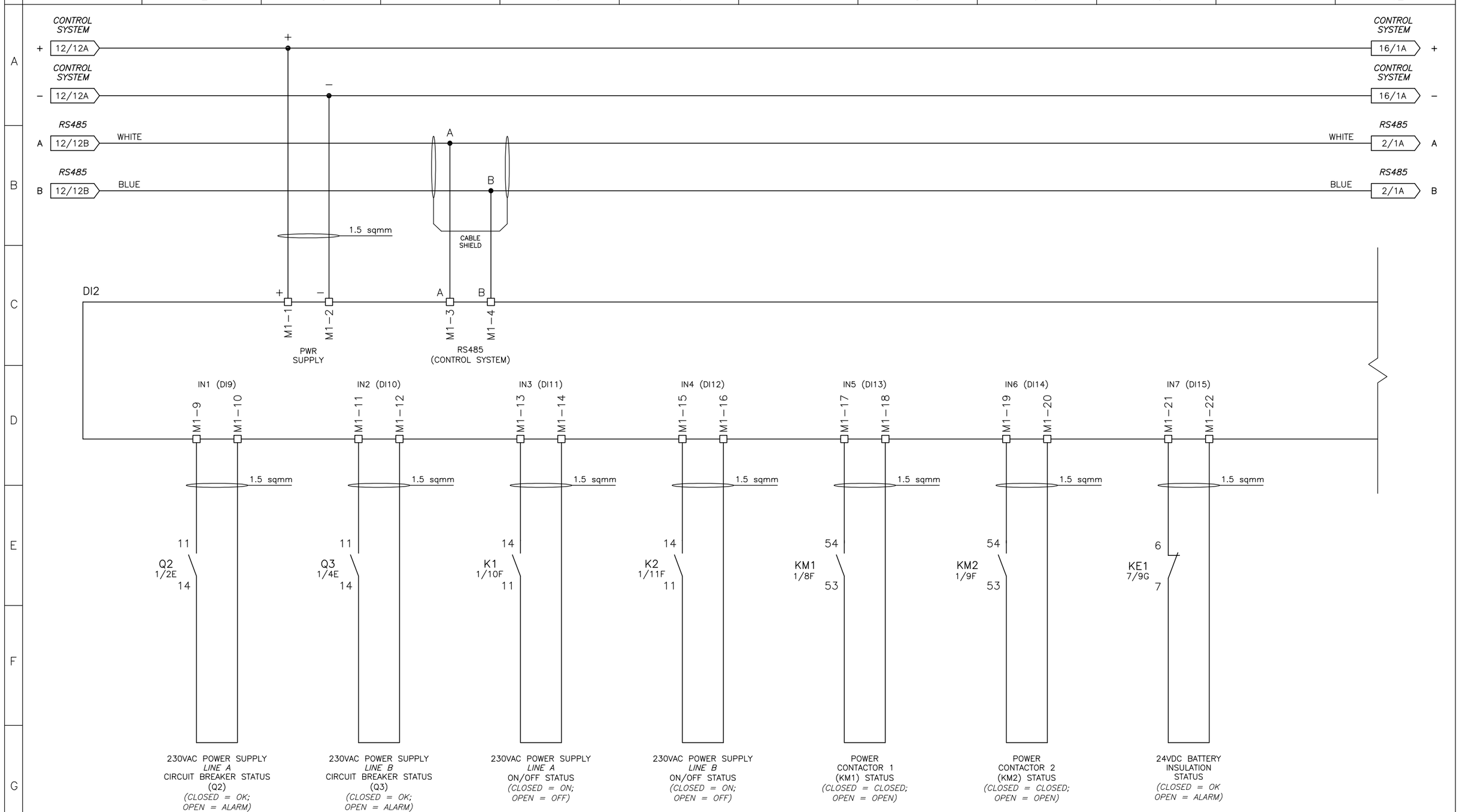
TITLE : BASE LOAD POWER HUB (BLPH)
NCCP & BATTERY CHARGER/RECTIFIER
SCHEMATIC WIRING DIAGRAM 13 of 17

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

A3 | DRAWING NO. 1724000775-EL-DG-00006 | SHEET 016 | REV. 03

F.to UNI A3: 420mmx297mm

File Name : 1724000775-EL-DG-00006 REV.4.DWG



SICE P.O. No : 1724000775 123A90A	SICE JOB No : JB-2416/C	SICE DOC. No : DW-864-5			

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
04	28/10/24	A.B.	M.G.	R.M.	AS-BUILT (ASB)
03	26/09/24	A.B.	M.G.	R.M.	ACCEPTED FOR CONSTRUCTION (AFC)
02	19/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
01	03/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
00	17/06/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)

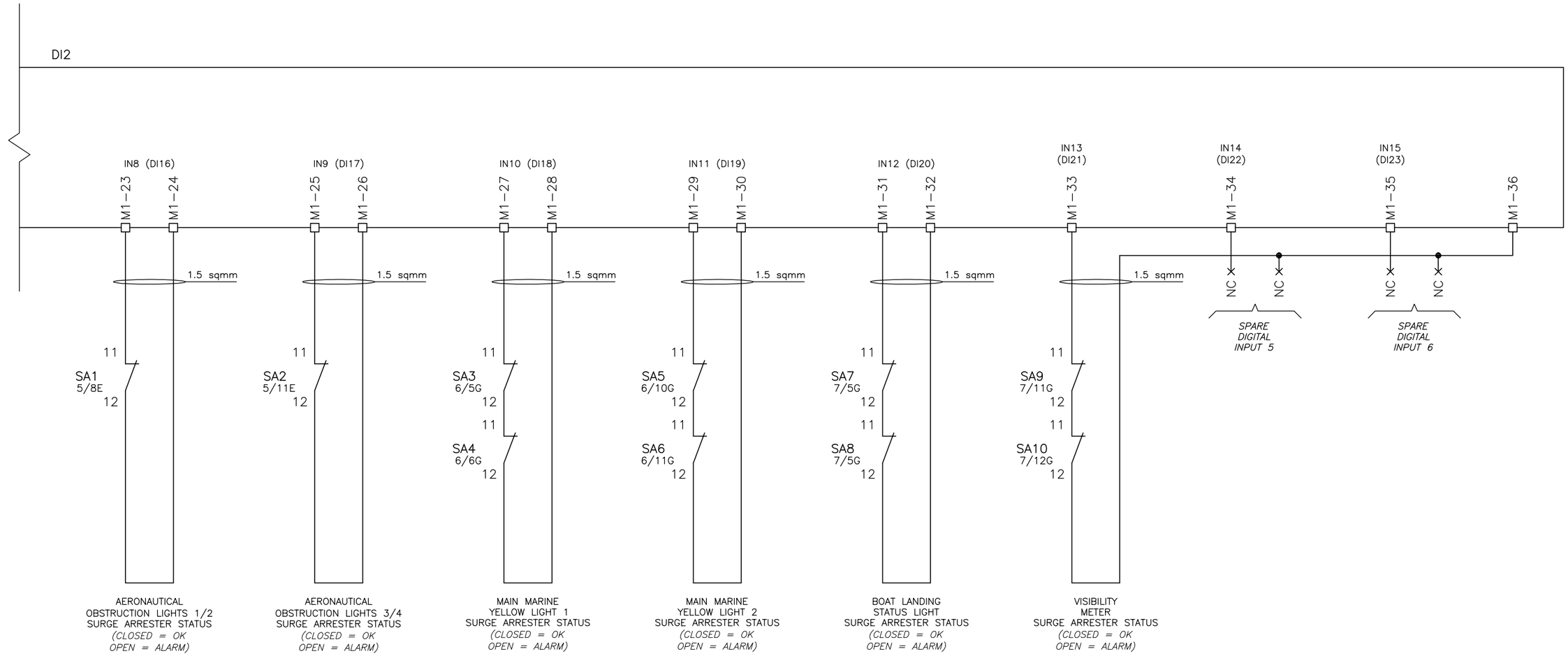
TITLE : BASE LOAD POWER HUB (BLPH)
NCCP & BATTERY CHARGER/RECTIFIER
SCHEMATIC WIRING DIAGRAM 14 of 17

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

A3	DRAWING NO.	SHEET	REV.
	1724000775-EL-DG-00006	017	03

File Name : 1724000775-EL-DG-00006 REV.4.DWG

F.to UNI A3: 420mmx297mm



SICE P.O. No : 1724000775 123A90A	SICE JOB No : JB-2416/C	SICE DOC. No : DW-864-5			

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
04	28/10/24	A.B.	M.G.	R.M.	AS-BUILT (ASB)
03	26/09/24	A.B.	M.G.	R.M.	ACCEPTED FOR CONSTRUCTION (AFC)
02	19/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
01	03/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
00	17/06/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)

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ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
NCCP & BATTERY CHARGER/RECTIFIER
SCHEMATIC WIRING DIAGRAM 15 of 17

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

SCALE : NTS

A3

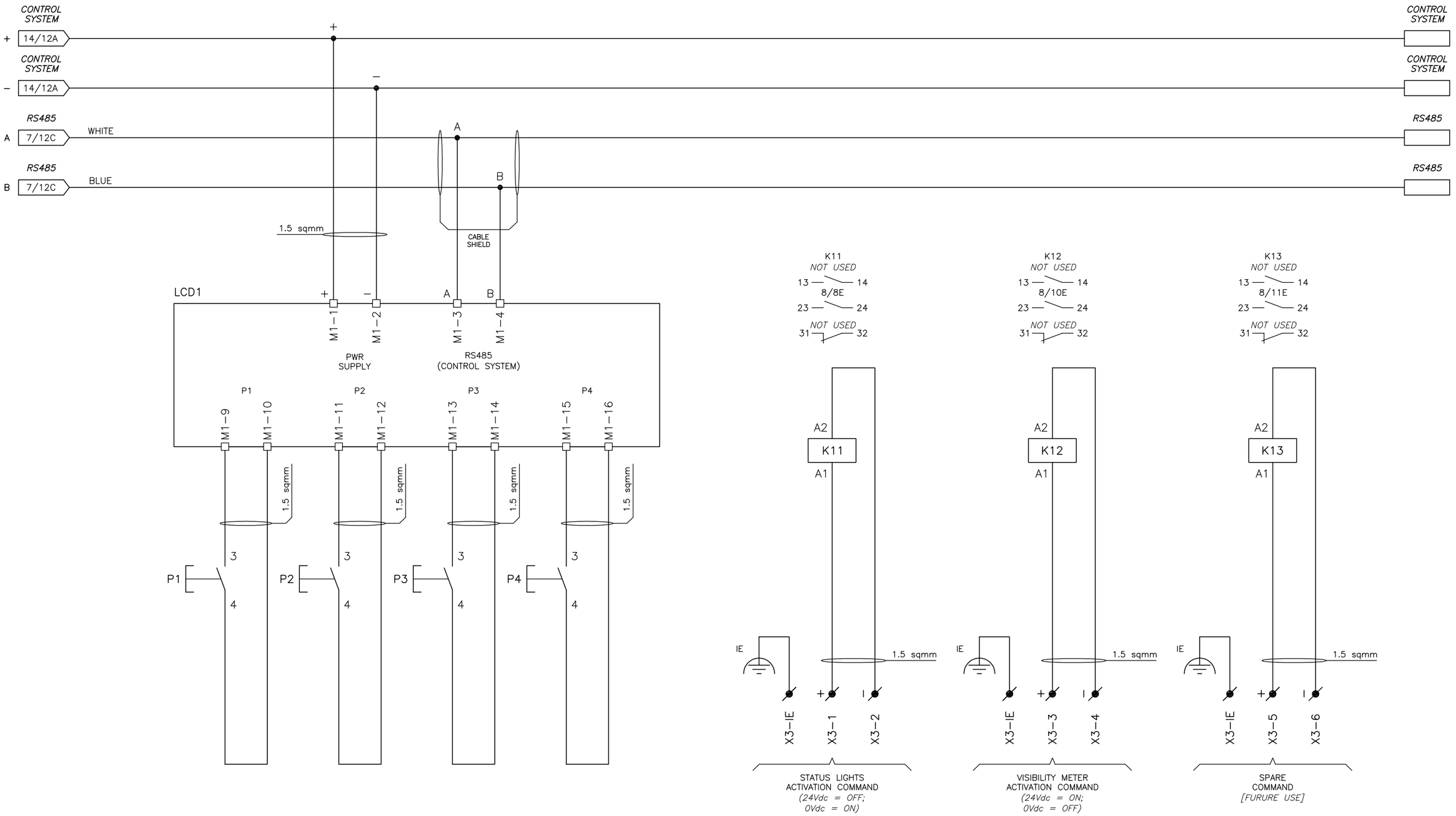
DRAWING NO. 1724000775-EL-DG-00006

SHEET 018

REV. 03

F.to UNI A3: 420mmx297mm

File Name : 1724000775-EL-DG-00006 REV.4.DWG



04	28/10/24	A.B.	M.G.	R.M.	AS−BUILT (ASB)
03	26/09/24	A.B.	M.G.	R.M.	ACCEPTED FOR CONSTRUCTION (AFC)
02	19/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
01	03/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
00	17/06/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
REV.	DATE	DRN	CHKD	APPD	DESCRIPTION

SICE P.O. No : 1724000775 123A90A | SICE JOB No : JB−2416/C | SICE DOC. No : DW−864−5

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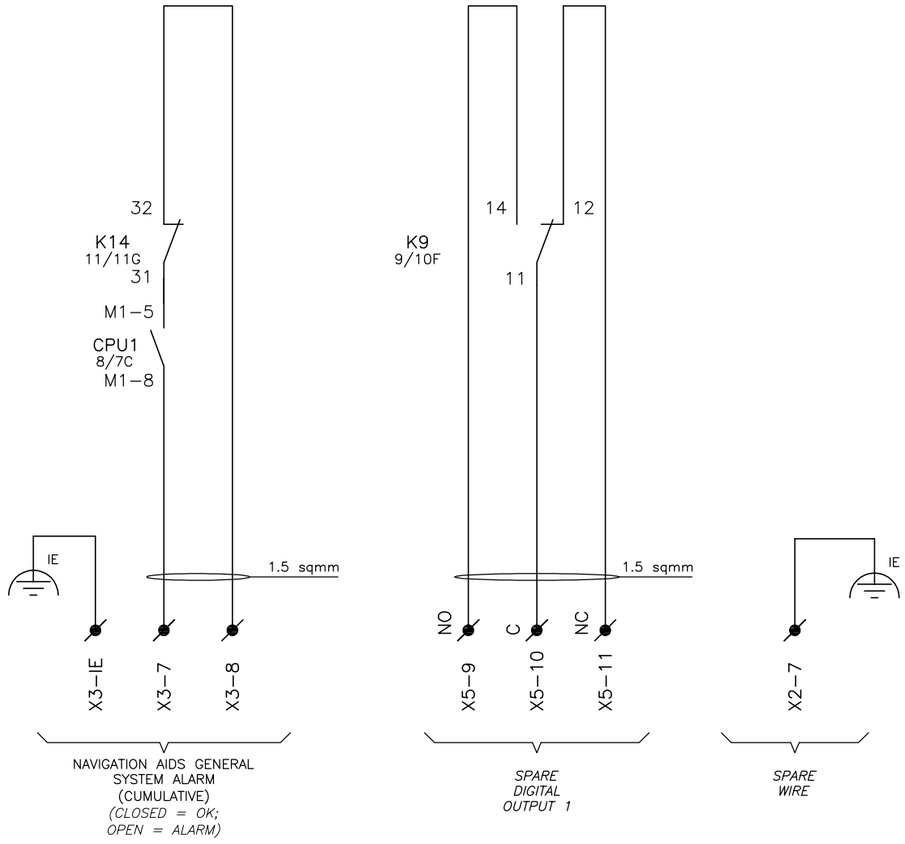
TITLE : BASE LOAD POWER HUB (BLPH)
NCCP & BATTERY CHARGER/RECTIFIER
SCHEMATIC WIRING DIAGRAM 16 of 17

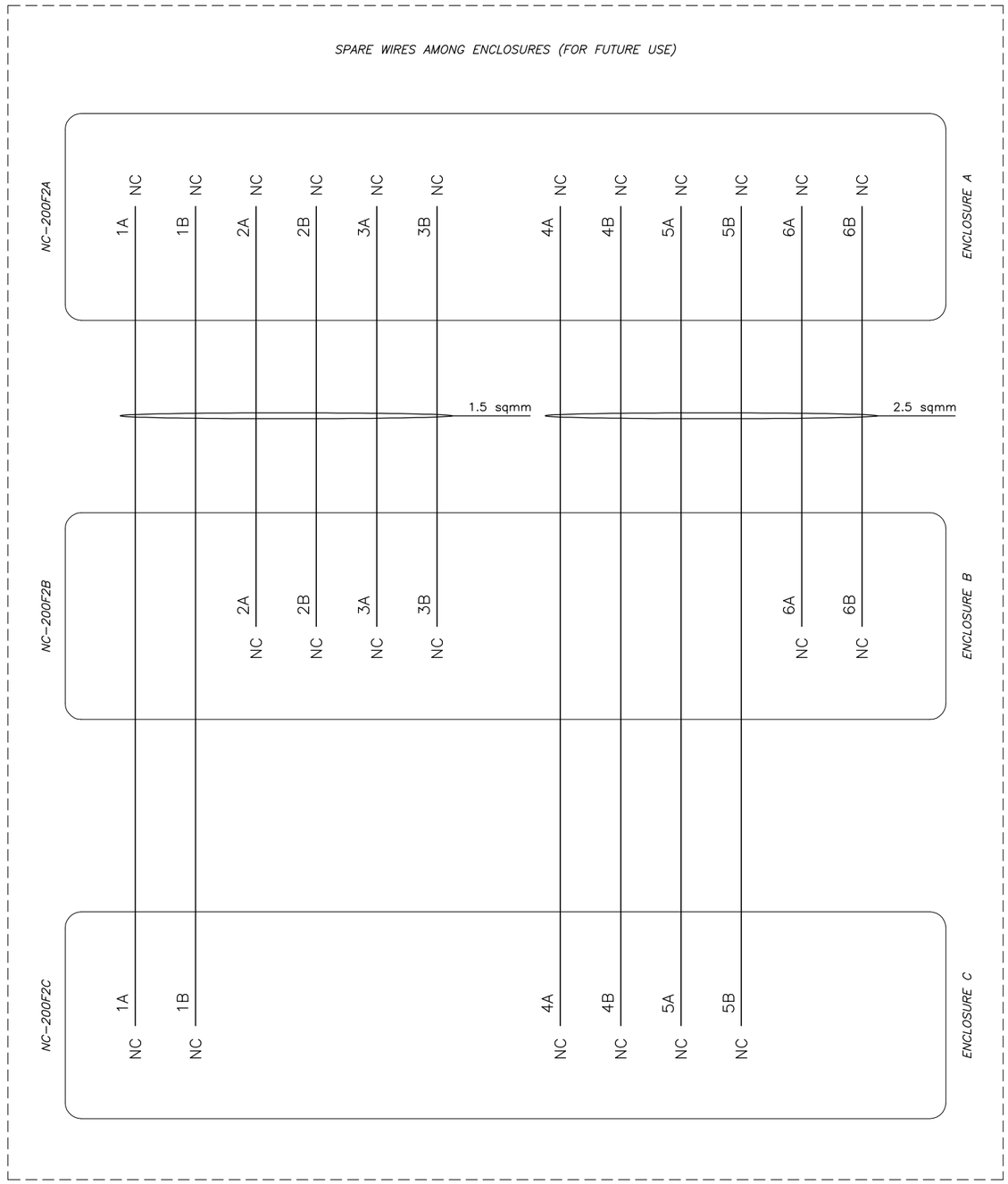
CONTRACT NO./TITLE CW−I−WP4−2023−05/HOLLANDSE KUST NOORD WIND PARK | SCALE : NTS

A3 | DRAWING NO. 1724000775−EL−DG−00006 | SHEET 019 | REV. 03

F.to UNI A3: 420mmx297mm

File Name : 1724000775−EL−DG−00006 REV.4.DWG





SICE P.O. No : 1724000775 123A90A	SICE JOB No : JB–2416/C	SICE DOC. No : DW–864–5			

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
04	28/10/24	A.B.	M.G.	R.M.	AS–BUILT (ASB)
03	26/09/24	A.B.	M.G.	R.M.	ACCEPTED FOR CONSTRUCTION (AFC)
02	19/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
01	03/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
00	17/06/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)

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CROSSWIND

ROSETTI MARINO

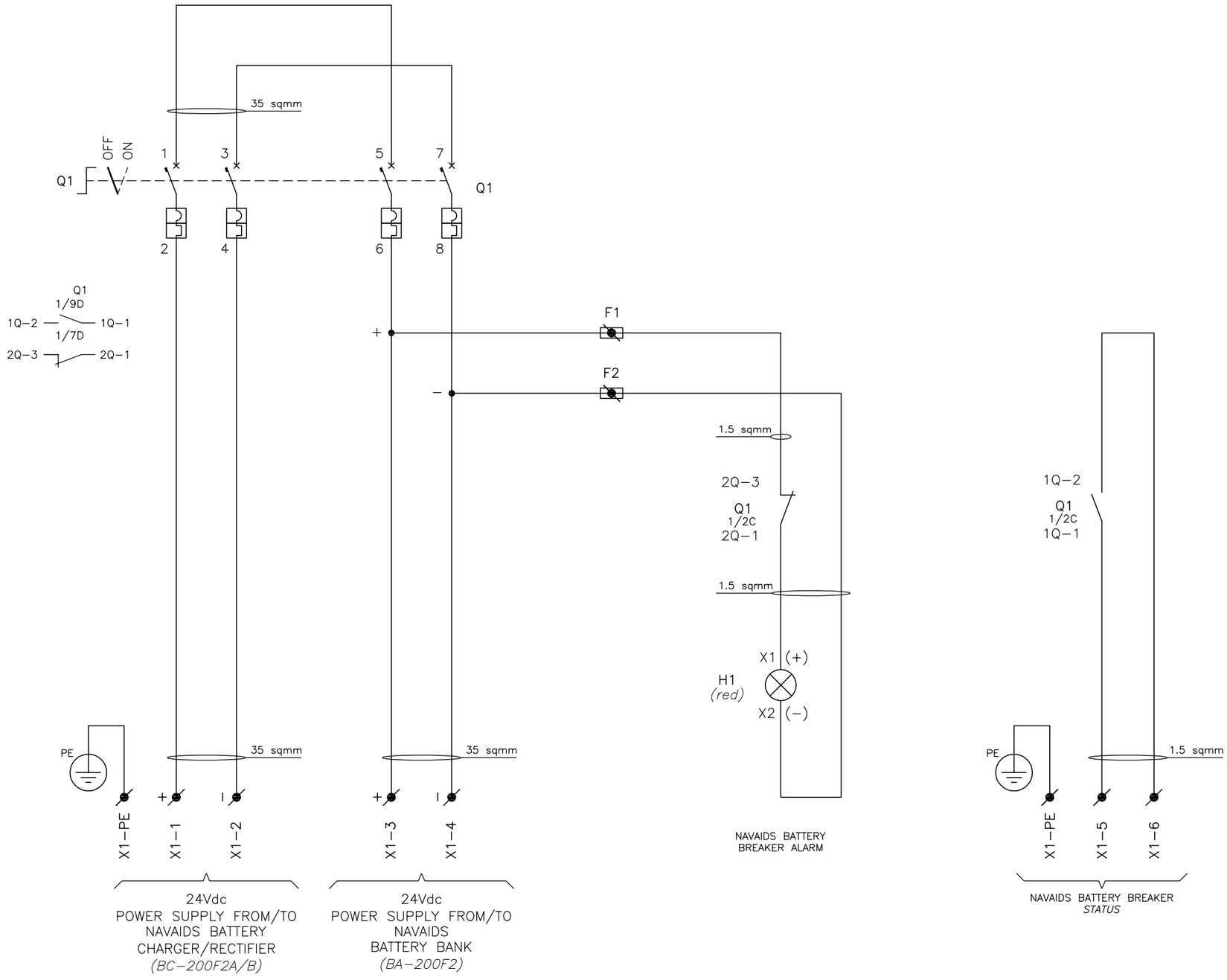
TITLE : BASE LOAD POWER HUB (BLPH)
NCCP & BATTERY CHARGER/RECTIFIER
SCHEMATIC WIRING DIAGRAM 17 of 17

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

A3 | DRAWING NO. 1724000775–EL–DG–00006 | SHEET 020 | REV. 03

F.to UNI A3: 420mmx297mm

File Name : 1724000775–EL–DG–00006 REV.4.DWG



SICE P.O. No : 1724000775 123A90A	SICE JOB No : JB-2416/C	SICE DOC. No : DW-864-5			

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
04	28/10/24	A.B.	M.G.	R.M.	AS-BUILT (ASB)
03	26/09/24	A.B.	M.G.	R.M.	ACCEPTED FOR CONSTRUCTION (AFC)
02	19/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
01	03/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
00	17/06/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)

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CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
NAVAIDS BATTERY BREAKER
SCHEMATIC WIRING DIAGRAM 1 of 1

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

SCALE : NTS

A3

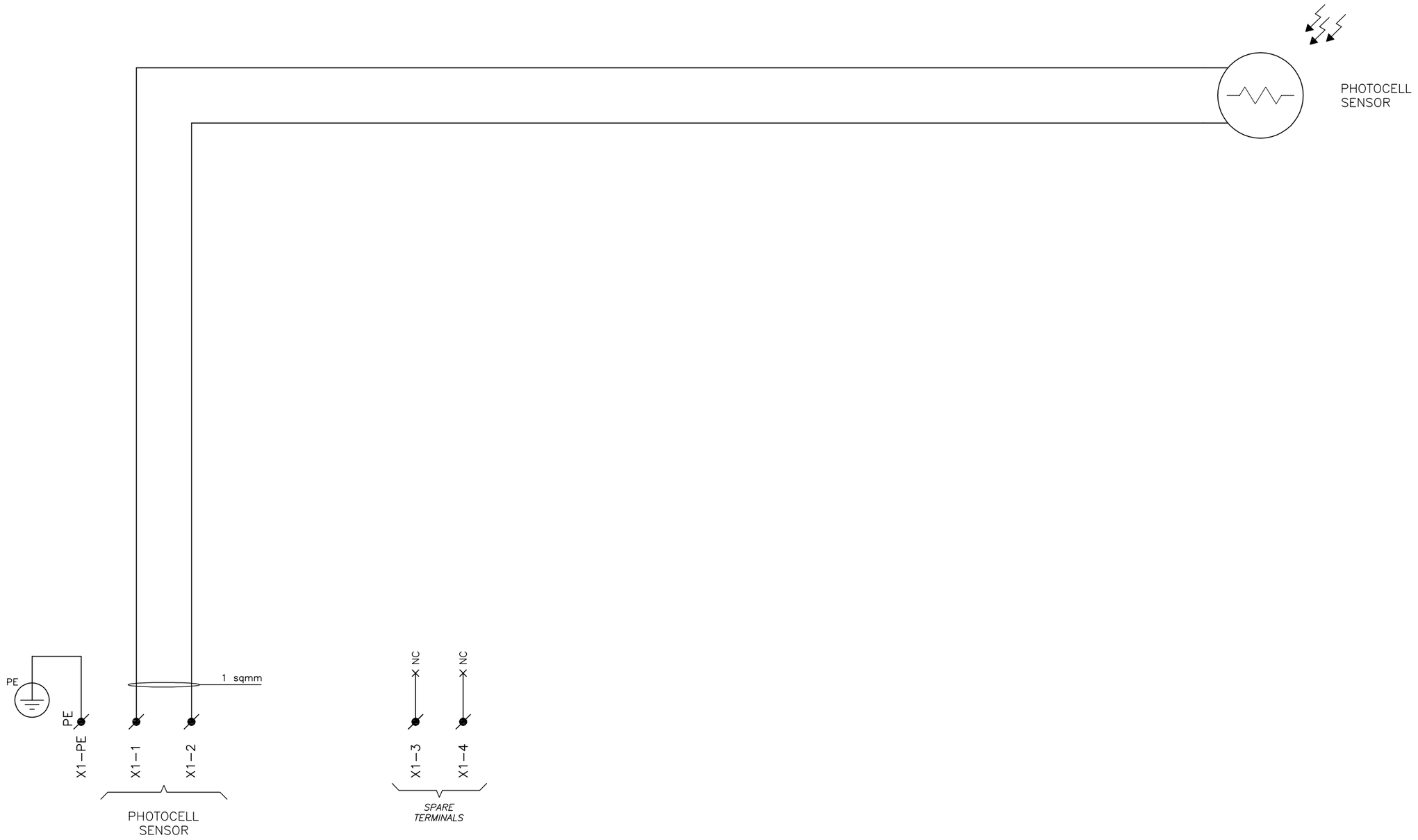
DRAWING NO. 1724000775-EL-DG-00006

SHEET 021

REV. 03

F.to UNI A3: 420mmx297mm

File Name : 1724000775-EL-DG-00006 REV.4.DWG



04	28/10/24	A.B.	M.G.	R.M.	AS-BUILT (ASB)
03	26/09/24	A.B.	M.G.	R.M.	ACCEPTED FOR CONSTRUCTION (AFC)
02	19/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
01	03/07/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
00	17/06/24	A.B.	M.G.	R.M.	ISSUE FOR REVIEW (IFR)
REV.	DATE	DRN	CHKD	APPD	DESCRIPTION

SICE P.O. No : 1724000775 123A90A | SICE JOB No : JB-2416/C | SICE DOC. No : DW-864-5

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CROSSWIND | ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
PHOTOCELL SYSTEM
SCHEMATIC WIRING DIAGRAM 1 of 1

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

A3 | DRAWING NO. 1724000775-EL-DG-00006 | SHEET 022 | REV. 03

F.to UNI A3: 420mmx297mm

File Name : 1724000775-EL-DG-00006 REV.4.DWG