

PERUNDING AL SHURA M&E SDN. BHD.

(REG. NO. : 201801014857 (1276873-W))
MECHANICAL & ELECTRICAL CONSULTING ENGINEERS
(FORMERLY KNOWN AS PERWIRA AL SHURA M&E SDN. BHD.)
No. 31-1, JALAN 3A/2B, TAMAN DESA BAKTI, SELAYANG, 68100 KUALA LUMPUR
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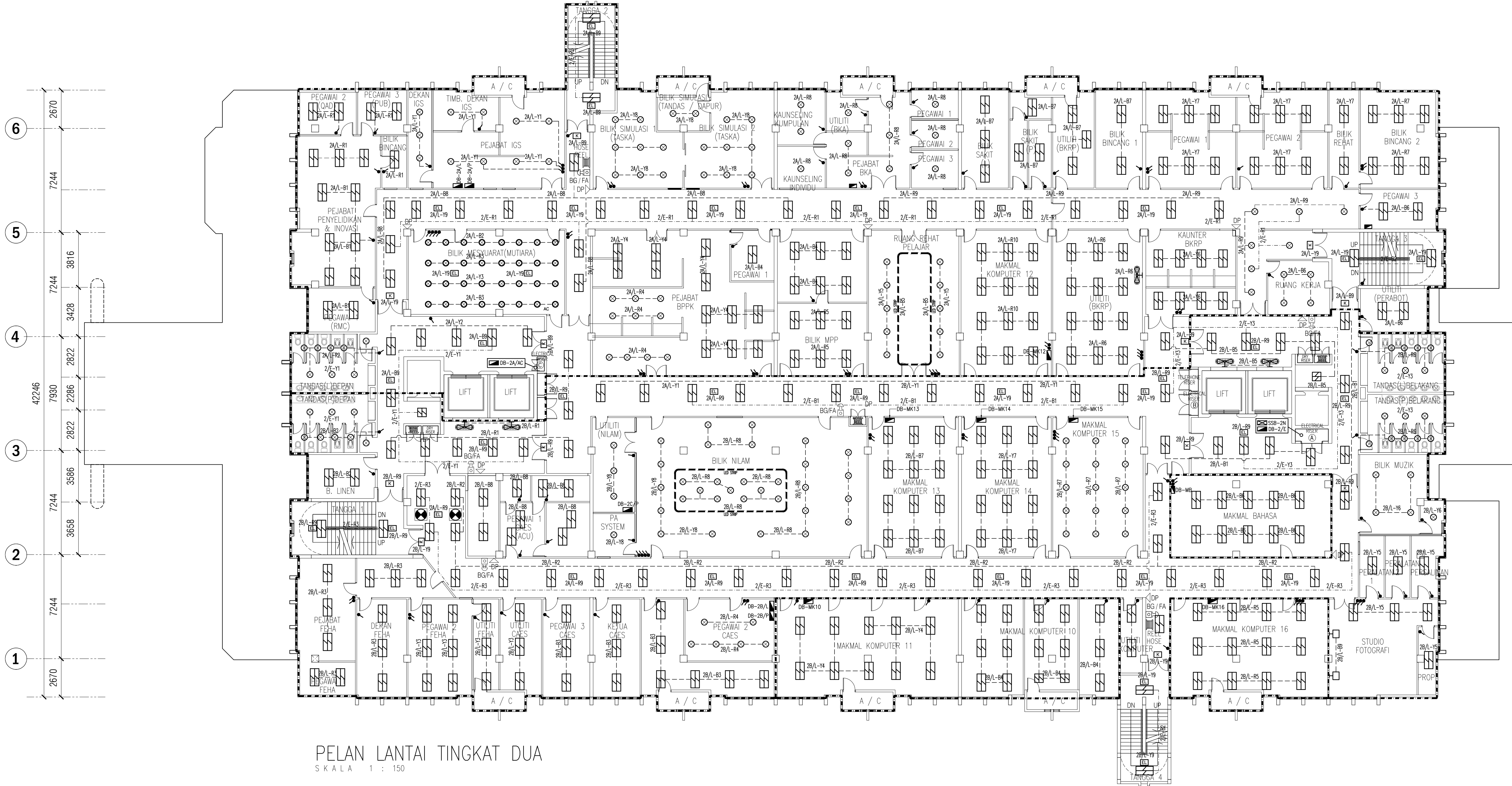
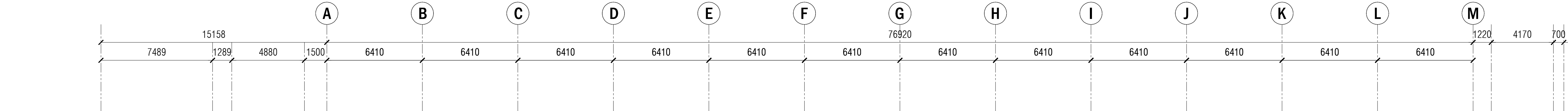
CADANGAN MENAIKTARAF SISTEM VOLTAN
RENDAH DAN KERJA-KERJA BERKAITAN
DI UNIVERSITI POLY-TECH MALAYSIA
(UPTM), KUALA LUMPUR

LIST OF ELECTRICAL DRAWING			JOB. NO.	25-20						
BIL.	DRAWING NO.	DESCRIPTION	FIRST ISSUED DATE	REVISION/DATE						STATUS
					01	02	03	04	05	
	ELECTRICAL SERVICES									
01.	PAME/25-20/E/LL-01	ELECTRICAL SERVICES: PELAN LANTAI ARAS SATU (LIGHTING LAYOUT)	JULY. 2026	REVISION DATE						TENDER
02.	PAME/25-20/E/LL-02	ELECTRICAL SERVICES: PELAN LANTAI ARAS DUA (LIGHTING LAYOUT)	JULY. 2026	REVISION DATE						TENDER
03.	PAME/25-20/E/LL-03	ELECTRICAL SERVICES: PELAN LANTAI ARAS TIGA (LIGHTING LAYOUT)	JULY. 2026	REVISION DATE						TENDER
04.	PAME/25-20/E/LL-04	ELECTRICAL SERVICES: PELAN LANTAI ARAS EMPAT (LIGHTING LAYOUT)	JULY. 2026	REVISION DATE						TENDER
05.	PAME/25-20/E/LL-05	ELECTRICAL SERVICES: PELAN LANTAI ARAS LIMA (LIGHTING LAYOUT)	JULY. 2026	REVISION DATE						TENDER
06.	PAME/25-20/E/LL-06	ELECTRICAL SERVICES: PELAN BUMBUNG DAN BILIK STOR (LIGHTING LAYOUT)	JULY. 2026	REVISION DATE						TENDER
07.	PAME/25-20/E/LL-07	ELECTRICAL SERVICES: PELAN BUMBUNG DAN BILIK MOTOR LIF (LIGHTING LAYOUT)	JULY. 2026	REVISION DATE						TENDER
08.	PAME/25-20/E/PL-01	ELECTRICAL SERVICES: PELAN LANTAI ARAS SATU (POWER LAYOUT)	JULY. 2026	REVISION DATE						TENDER
09.	PAME/25-20/E/PL-02	ELECTRICAL SERVICES: PELAN LANTAI ARAS DUA (POWER LAYOUT)	JULY. 2026	REVISION DATE						TENDER
10.	PAME/25-20/E/PL-03	ELECTRICAL SERVICES: PELAN LANTAI ARAS TIGA (POWER LAYOUT)	JULY. 2026	REVISION DATE						TENDER
11.	PAME/25-20/E/PL-04	ELECTRICAL SERVICES: PELAN LANTAI ARAS EMPAT (POWER LAYOUT)	JULY. 2026	REVISION DATE						TENDER
12.	PAME/25-20/E/PL-05	ELECTRICAL SERVICES: PELAN LANTAI ARAS LIMA (POWER LAYOUT)	JULY. 2026	REVISION DATE						TENDER
13.	PAME/25-20/E/PL-06	ELECTRICAL SERVICES: PELAN BUMBUNG DAN BILIK STOR (POWER LAYOUT)	JULY. 2026	REVISION DATE						TENDER
14.	PAME/25-20/E/PL-07	ELECTRICAL SERVICES: PELAN BUMBUNG DAN BILIK MOTOR LIF (POWER LAYOUT)	JULY. 2026	REVISION DATE						TENDER
15.	PAME/25-20/E/MSB	ELECTRICAL SERVICES: MAIN SWITCHBOARD DIAGRAM	JULY. 2026	REVISION DATE						TENDER
16.	PAME/25-20/E/SSB-01	ELECTRICAL SERVICES: SUB-SWITCHBOARD DIAGRAM NO.1	JULY. 2026	REVISION DATE						TENDER
17.	PAME/25-20/E/SSB-02	ELECTRICAL SERVICES: SUB-SWITCHBOARD DIAGRAM NO.2	JULY. 2026	REVISION DATE						TENDER
18.	PAME/25-20/E/SCH-01	ELECTRICAL SERVICES: SCHEMATIC DIAGRAM NO. 1	JULY. 2026	REVISION DATE						TENDER

LIST OF ELECTRICAL DRAWING			JOB. NO.	25--20						
BIL.	DRAWING NO.	DESCRIPTION	FIRST ISSUED DATE	REVISION/DATE						STATUS
					01	02	03	04	05	
	ELECTRICAL SERVICES									
19.	PAME/25-20/E/SCH-02	ELECTRICAL SERVICES: SCHEMATIC DIAGRAM NO. 2	JULY. 2026	REVISION						TENDER
				DATE						
20.	PAME/25-20/E/SCH-03	ELECTRICAL SERVICES: SCHEMATIC DIAGRAM NO. 3	JULY. 2026	REVISION						TENDER
				DATE						
21.	PAME/25-20/E/SCH-04	ELECTRICAL SERVICES: SCHEMATIC DIAGRAM NO. 4	JULY. 2026	REVISION						TENDER
				DATE						
22.	PAME/25-20/E/SCH-05	ELECTRICAL SERVICES: SCHEMATIC DIAGRAM NO. 5	JULY. 2026	REVISION						TENDER
				DATE						
23.	PAME/25-20/E/SCH-06	ELECTRICAL SERVICES: SCHEMATIC DIAGRAM NO. 6	JULY. 2026	REVISION						TENDER
				DATE						
24.	PAME/25-20/E/SCH-07	ELECTRICAL SERVICES: SCHEMATIC DIAGRAM NO. 7	JULY. 2026	REVISION						TENDER
				DATE						
25.	PAME/25-20/E/SCH-08	ELECTRICAL SERVICES: KOMPUTER CBE PELAN LANTAI & SCHEMATIC DIAGRAM NO. 1	JULY. 2026	REVISION						TENDER
				DATE						
26.	PAME/25-20/E/SCH-09	ELECTRICAL SERVICES: SCHEMATIC DIAGRAM NO. 2	JULY. 2026	REVISION						TENDER
				DATE						
27.	PAME/25-20/E/SCH-10	ELECTRICAL SERVICES: MAKMAL KOMPUTER 13, 14 & 15 PELAN LANTAI & SCHEMATIC DIAGRAM NO. 3	JULY. 2026	REVISION						TENDER
				DATE						
28.	PAME/25-20/E/SCH-11	ELECTRICAL SERVICES: MAKMAL KOMPUTER 16 & MAKAMAL BAHASA PELAN LANTAI & SCHEMATIC DIAGRAM NO. 4	JULY. 2026	REVISION						TENDER
				DATE						
29.	PAME/25-20/E/SCH-12	ELECTRICAL SERVICES: MAKMAL KOMPUTER 10, 11 & 12 PELAN LANTAI & SCHEMATIC DIAGRAM NO. 5	JULY. 2026	REVISION						TENDER
				DATE						
30.	PAME/25-20/E/SCH-13	ELECTRICAL SERVICES: SCHEMATIC DIAGRAM NO. 6	JULY. 2026	REVISION						TENDER
				DATE						
31.	PAME/25-20/E/SCH-14	ELECTRICAL SERVICES: SCHEMATIC DIAGRAM NO. 7	JULY. 2026	REVISION						TENDER
				DATE						
32.	PAME/25-20/E/SCH-15	ELECTRICAL SERVICES: SCHEMATIC DIAGRAM NO. 8	JULY. 2026	REVISION						TENDER
				DATE						
33.	PAME/25-20/E/SCH-16	ELECTRICAL SERVICES: SCHEMATIC DIAGRAM NO. 9	JULY. 2026	REVISION						TENDER
				DATE						
34.	PAME/25-20/E/SCH-17	ELECTRICAL SERVICES: SCHEMATIC DIAGRAM NO. 10	JULY. 2026	REVISION						TENDER
				DATE						
35.	PAME/25-20/E/SCH-18	ELECTRICAL SERVICES: SCHEMATIC DIAGRAM NO. 11	JULY. 2026	REVISION						TENDER
				DATE						
36.	PAME/25-20/E/SCH-19	ELECTRICAL SERVICES: SCHEMATIC DIAGRAM NO. 12	JULY. 2026	REVISION						TENDER
				DATE						

NOTA :		
PROJEK :		
CADANGAN MENAIKARTAF SISTEM VOLTAN RENDAH DAN KERJA-KERJA BERKAITAN DI UNIVERSITI POLY-TECH MALAYSIA (UPTM), KUALA LUMPUR		
PINDAAN	TARIKH	HURAIAN
PEMILIK :		
 MAMUK AMANAH RAKYAT BAHAGIAN ENJINER DAN SELENGGARAAN TINGKAT 11, IBU PEJABAT MARA, NO. 21 JALAN MARA, 50609 KUALA LUMPUR		
JURUTERA M&E :  PERUNDING AL SHURA M&E SDN. BHD. (REG. NO. : 221801014857 / (2218075-M)) MECHANICAL & ELECTRICAL CONSULTING ENGINEERS No. 31-1, JALAN TAC2B, TARIAN DESA BAHU, SELAYANG 68100 KUALA LUMPUR Tel : +603-8127 4913 E-mail: pae@msme@gmail.com, pame-etr@gmail.com		
TANDATANGAN		
TAJUK LUKISAN :		
ELECTRICAL SERVICES :		
PELAN LANTAI ARAS SATU (LIGHTING LAYOUT)		
TARIKH : MAC 2026	SKALA : A1=1:150 A3=1:300	
DILUKIS OLEH : FADIL/ZARIS	DISEMAK OLEH : IKHWAN/IZZAT	
NO. KONTRAK :		PINDAAN
NO. LUKISAN : PAME/25-20/E/LL-01		00

SYMBOL	DESCRIPTION	QUANTITY
	2 X 8.5W T8 LED TUBE LIGHT RECESSED MOUNTED C/W ALUMINUM PARABOLIC LOUVERS REFLECTOR AND ACCESSORIES	4 NOS.
	2 X 18W T8 LED TUBE LIGHT RECESSED MOUNTED C/W ALUMINUM PARABOLIC LOUVERS REFLECTOR AND ACCESSORIES	332 NOS.
	15W SELF CONTAINED LED EMERGENCY LIGHT FITTING WITH NICKEL CADMIUM BATTERIES (3 HOURS)	35 NOS.
	15W SELF CONTAINED LED 'KELUAR' SIGN. LIGHT FITTING WITH NICKEL CADMIUM BATTERIES (3 HOURS)	12 NOS.
	50W LED SPOTLIGHT AND ACCESSORIES	2 NOS.
	20W LED DOWNLIGHT AND ACCESSORIES	197 NOS.
	16" WALL FAN C/W SPEED BUTTON	5 NOS.
	DECORATIVE FAN AND ACCESSORIES	2 NOS.
	6A 1 WAY FLUSH MOUNTED SWITCH (1500mm FROM FLOOR LEVEL)	121 NOS.
	6A 2 WAY FLUSH MOUNTED SWITCH (1500mm FROM FLOOR LEVEL)	1 NO.



PELAN LANTAI TINGKAT DUA
SKALA 1 : 150

TENDER DRAWING

NOTA :

PROJEK :
CADANGAN MENAIKTARAF SISTEM VOLTAN RENDAH DAN KERJA-KERJA BERKAITAN DI UNIVERSITI POLY-TECH MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN	TARIKH	HURAIAN

PEMILIK :

MAJLIS AMANAH RAKYAT
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50609 KUALA LUMPUR

JURUTERA M&E :

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TANDATANGAN

TAJUK LUKISAN :
ELECTRICAL SERVICES :
PELAN LANTAI ARAS DUA
(LIGHTING LAYOUT)

TARIKH : MAC 2026	SKALA : A1=1:150 A3=1:300
DILUKIS OLEH : FADIL/ZARIS	DISEMAK OLEH : IKHWAN/IZZAT
NO. KONTRAK : PAME/25-20/E/LL-02	PINDAAN 00

SYMBOL	DESCRIPTION	QUANTITY
	2 X 8.5W T8 LED TUBE LIGHT RECESSED MOUNTED C/W ALUMINUM PARABOLIC LOUVERS REFLECTOR AND ACCESSORIES	4 NOS.
	2 X 18W T8 LED TUBE LIGHT RECESSED MOUNTED C/W ALUMINUM PARABOLIC LOUVERS REFLECTOR AND ACCESSORIES	482 NOS.
	15W SELF CONTAINED LED EMERGENCY LIGHT FITTING WITH NICKEL CADMIUM BATTERIES (3 HOURS)	52 NOS.
	15W SELF CONTAINED LED 'KELUAR' SIGN LIGHT FITTING WITH NICKEL CADMIUM BATTERIES (3 HOURS)	12 NOS.
	20W LED DOWNLIGHT AND ACCESSORIES	53 NOS.
	16W LED PENDANT LIGHT AND ACCESSORIES (ID LIGHT)	4 NOS.
	16" WALL FAN C/W SPEED BUTTON	4 NOS.
	6A 1 WAY FLUSH MOUNTED SWITCH (1500mm FROM FLOOR LEVEL)	89 NOS.
	6A 2 WAY FLUSH MOUNTED SWITCH (1500mm FROM FLOOR LEVEL)	3 NOS.

NOTA :

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RENDAH DAN KERJA-KERJA BERKAITAN
DI UNIVERSITI POLY-TECH
MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN TARIKH HURAIAN

PEMILIK :



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BAHAGIAN BINAAN DAN SELENGGARAAN
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JURUTERA M&E :

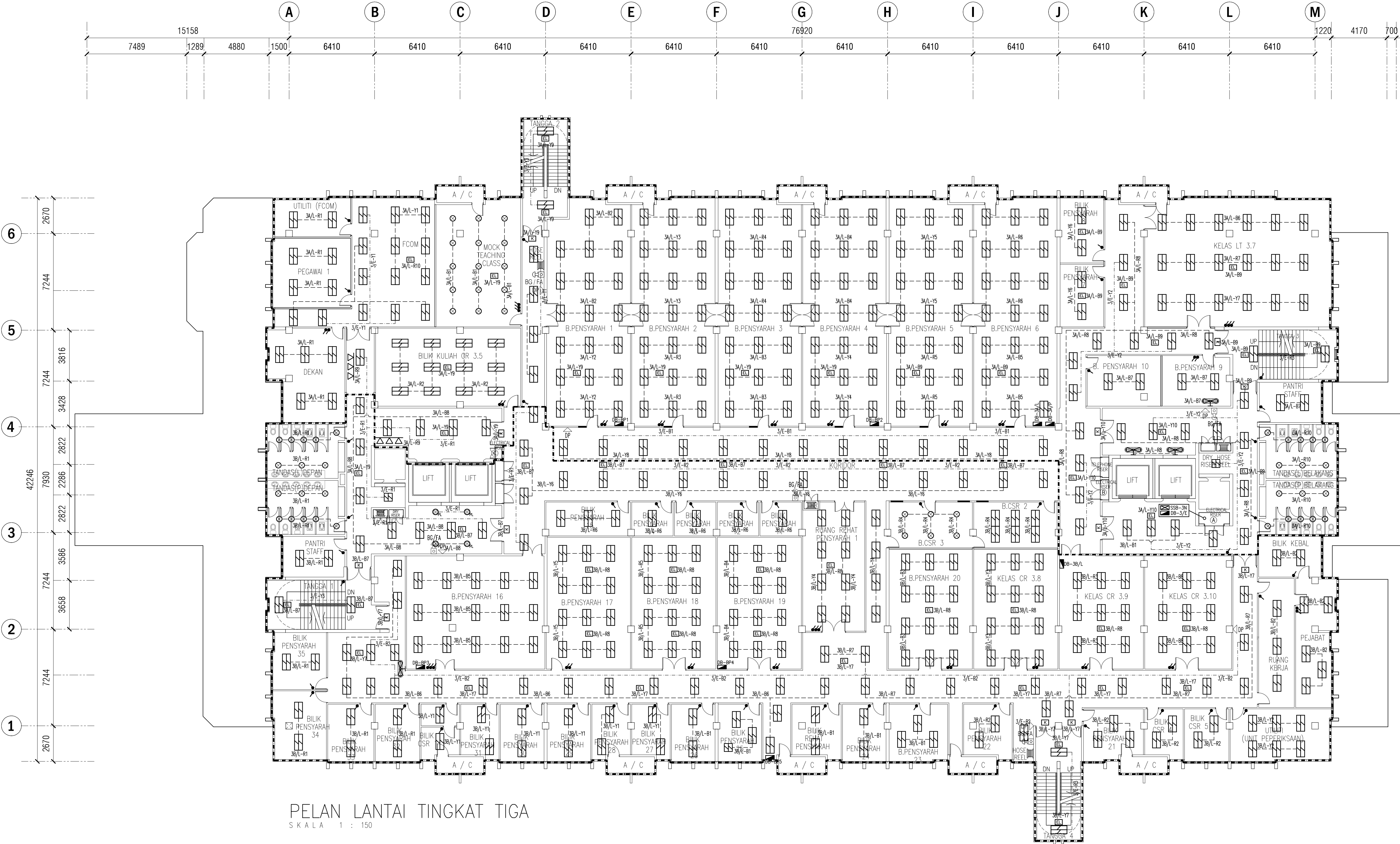


TANDATANGAN

TAJUK LUKISAN :

ELECTRICAL SERVICES :
PELAN LANTAI ARAS TIGA
(LIGHTING LAYOUT)

TARIKH : MAC 2026	SKALA : A1=1:150 A3=1:300
DILUKIS OLEH : FADIL/ZARIS	DISEMAK OLEH : IKHWAN/IZZAT
NO. KONTRAK : PAME/25-20/E/LL-03	PINDAAN 00



TENDER DRAWING

SYMBOL	DESCRIPTION	QUANTITY
	2 X 8.5W T8 LED TUBE LIGHT RECESSED MOUNTED C/W ALUMINUM PARABOLIC LOUVERS REFLECTOR AND ACCESSORIES	5 NOS.
	2 X 18W T8 LED TUBE LIGHT RECESSED MOUNTED C/W ALUMINUM PARABOLIC LOUVERS REFLECTOR AND ACCESSORIES	437 NOS.
	13W SELF CONTAINED LED EMERGENCY LIGHT FITTING WITH NICKEL CADMIUM BATTERIES (3 HOURS)	67 NOS.
	15W SELF CONTAINED LED 'KELUAR' SIGN. LIGHT FITTING WITH NICKEL CADMIUM BATTERIES (3 HOURS)	13 NOS.
	20W LED DOWNLIGHT AND ACCESSORIES	32 NOS.
	16W LED BULBS PENDANT LIGHT AND ACCESSORIES	4 NOS.
	23W LED RECESSED LIGHT AND ACCESSORIES (ID LIGHT)	3 NOS.
	16" WALL FAN C/W SPEED BUTTON	5 NOS.
	6A 1 WAY FLUSH MOUNTED SWITCH (1500mm FROM FLOOR LEVEL)	78 NOS.

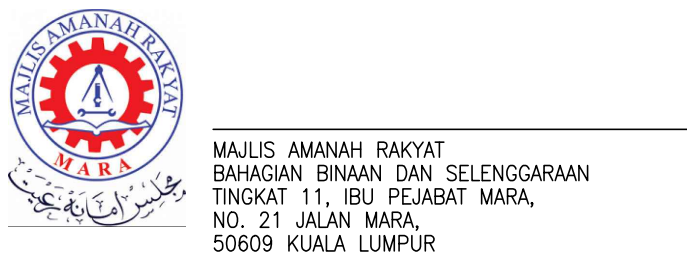
NOTA :

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CADANGAN MENAIKTARAF SISTEM VOLTAN RENDAH DAN KERJA-KERJA BERKAITAN DI UNIVERSITI POLY-TECH MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN	TARIKH	HURAIAN

PEMILIK :



JURUTERA M&E :
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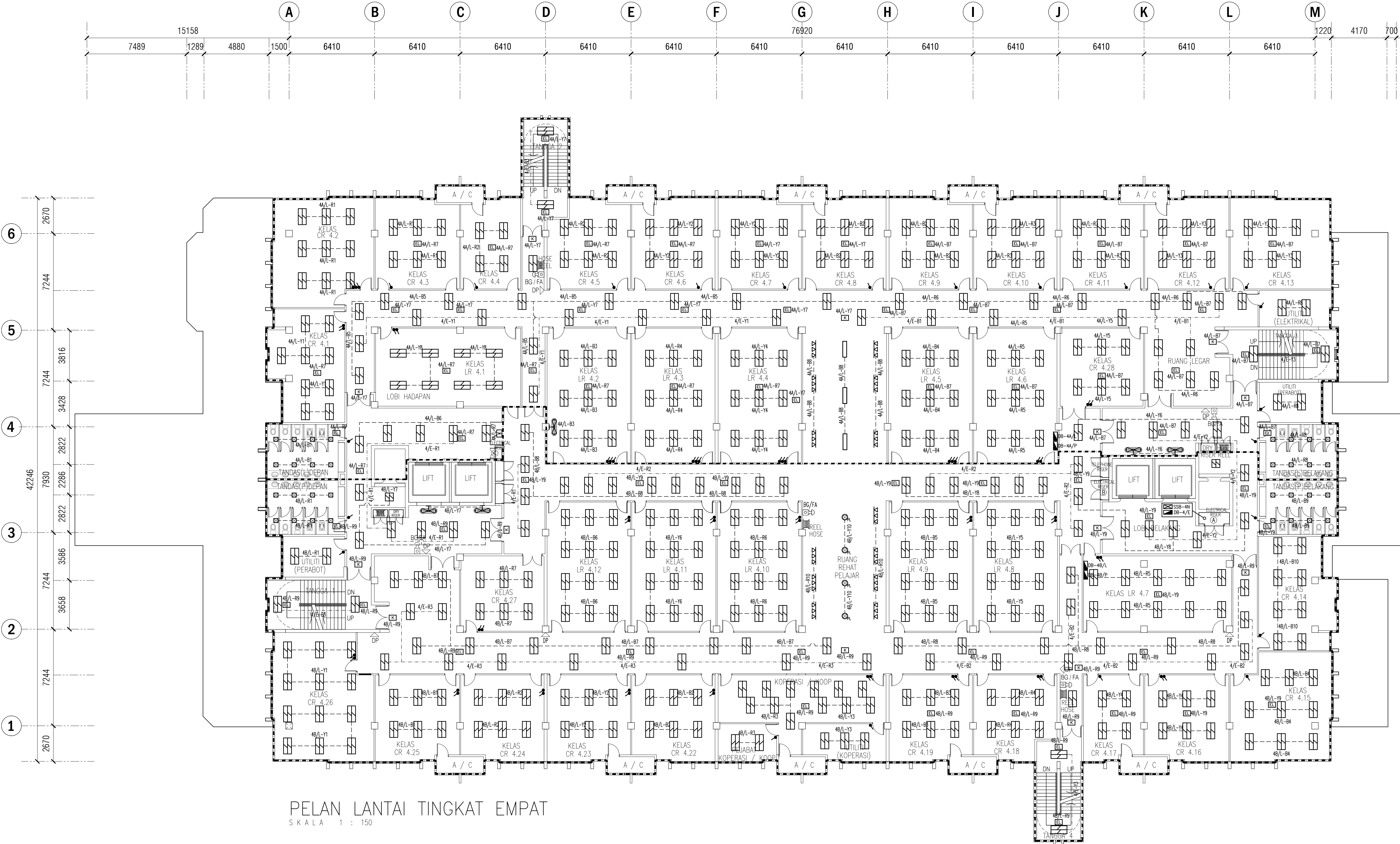
TANDATANGAN

TAJUK LUKISAN :

ELECTRICAL SERVICES :

PELAN LANTAI ARAS EMPAT
(LIGHTING LAYOUT)

TARIKH : MAC 2026	SKALA : A1=1:150 A3=1:300
DILUKIS OLEH : FADIL/ZARIS	DISEMAK OLEH : IKHWAN/IZZAT
NO. KONTRAK :	PINDAAN
NO. LUKISAN : PAME/25-20/E/LL-04	00



PELAN LANTAI TINGKAT EMPAT
SKALA 1 : 150

TENDER DRAWING

LEGEND:		
SYMBOL	DESCRIPTION	QUANTITY
	2 X 8.5W T8 LED TUBE LIGHT RECESSED MOUNTED C/W ALUMINIUM PARABOLIC LOUVERS REFLECTOR AND ACCESSORIES	5 NOS.
	2 X 18W T8 LED TUBE LIGHT RECESSED MOUNTED C/W ALUMINIUM PARABOLIC LOUVERS REFLECTOR AND ACCESSORIES	449 NOS.
	13W SELF CONTAINED LED EMERGENCY LIGHT FITTING WITH NICKEL CADMIUM BATTERIES (3 HOURS)	56 NOS.
	15W SELF CONTAINED LED 'KELUAR' SIGN. LIGHT FITTING WITH NICKEL CADMIUM BATTERIES (3 HOURS)	12 NOS.
	20W LED DOWNLIGHT AND ACCESSORIES	43 NOS.
	20W LED SQUARE DOWNLIGHT AND ACCESSORIES	16 NOS.
	TRACK LIGHTING (ID LIGHT)	6 NOS.
	16" WALL FAN C/W SPEED BUTTUN	4 NOS.
	DECORATIVE FAN AND ACCESSORIES	6 NOS.
	6A 1 WAY FLUSH MOUNTED SWITCH (1500mm FROM FLOOR LEVEL)	100 NOS.

NOTA :

PROJEK :

CADANGAN MENAIKtarAF SISTEM VOLTAN RENDAH DAN KERJA-KERJA BERKAITAN DI UNIVERSITI POLY-TECH MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN	TARIKH	HURAIAN

PEMILIK :

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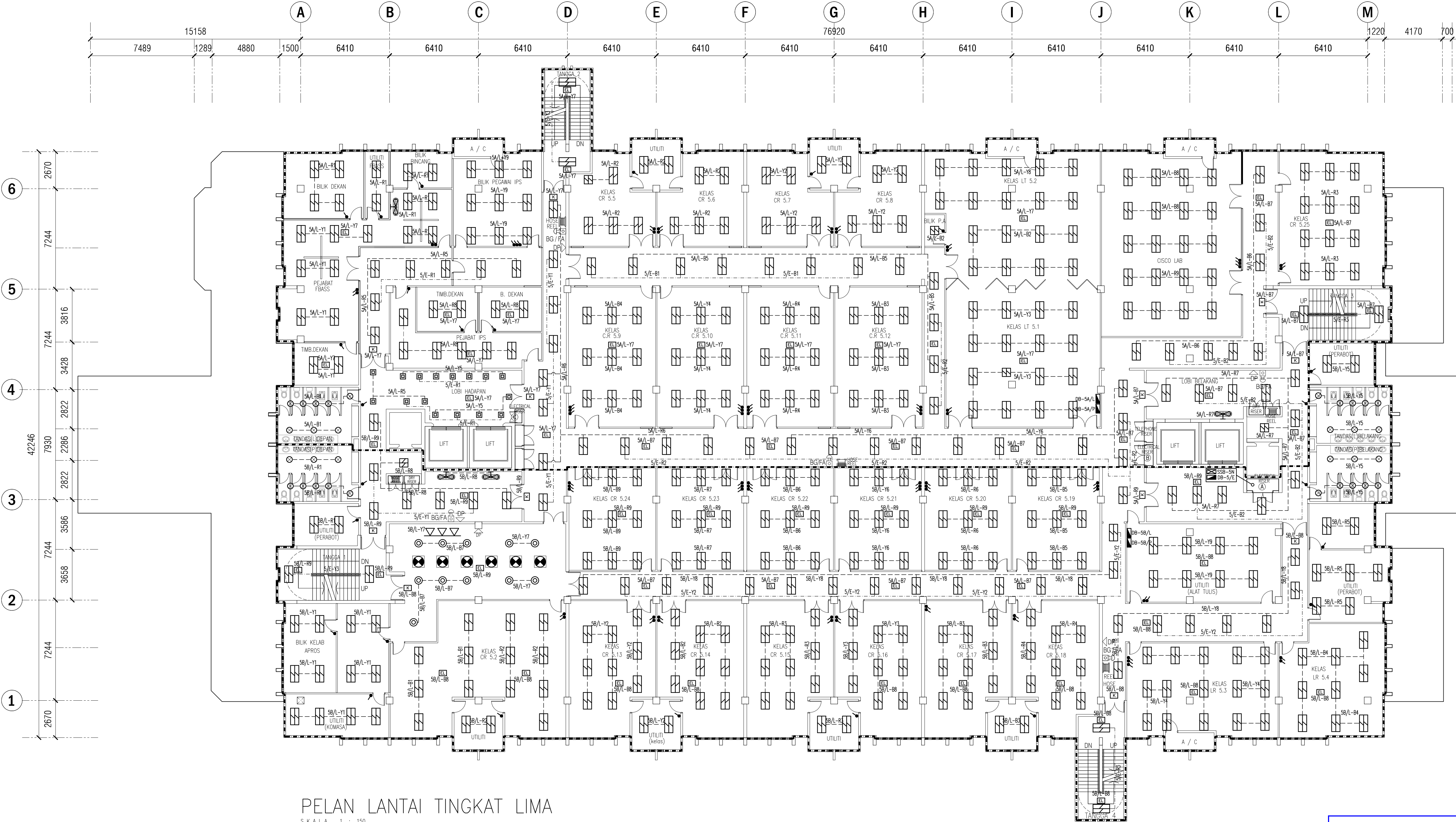
TANDATANGAN

TAJUK LUKISAN :

ELECTRICAL SERVICES :

PELAN LANTAI ARAS LIMA
(LIGHTING LAYOUT)

TARIKH : MAC 2026	SKALA : A1=1:150 A3=1:300
DILUKIS OLEH : FADIL/ZARIS	DISEMAK OLEH : IKHWAN/IZZAT
NO. KONTRAK :	PINDAAN
NO. LUKISAN : PAME/25-20/E/LL-05	00



PELAN LANTAI TINGKAT LIMA
SKALA 1 : 150

TENDER DRAWING

LEGEND:

SYMBOL	DESCRIPTION	QUANTITY
	13W SELF CONTAINED LED EMERGENCY LIGHT FITTING WITH NICKEL CADMIUM BATTERIES (3 HOURS)	8 NOS.
	15W SELF CONTAINED LED 'KELUAR' SIGN LIGHT FITTING WITH NICKEL CADMIUM BATTERIES (3 HOURS)	2 NOS.
	2 X 18W T8 LED TUBE LIGHT RECESSED MOUNTED C/W ALUMINIUM PARABOLIC LOUVERS REFLECTOR AND ACCESSORIES	4 NOS.
	1 X 18W T8 LED TUBE LIGHT SURFACED MOUNTED AND ACCESSORIES	22 NOS.
	1 X 8.5W T8 LED TUBE LIGHT SURFACED MOUNTED AND ACCESSORIES	2 NOS.
	1 X 18W T8 LED TUBE LIGHT WALL MOUNTED AND ACCESSORIES	12 NOS.
	6A 1 WAY FLUSH MOUNTED SWITCH (1500mm FROM FLOOR LEVEL)	8 NOS.
	6A 2 WAY FLUSH MOUNTED SWITCH (1500mm FROM FLOOR LEVEL)	5 NOS.



PELAN BUMBUNG DAN BILIK STOR
S K A L A 1 : 150

TENDER DRAWING

NOTA :

PROJEK :

CADANGAN MENAIKTARAF SISTEM VOLTAN RENDAH DAN KERJA-KERJA BERKAITAN DI UNIVERSITI POLY-TECH MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN	TARIKH	HURAIAN

PEMILIK :

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TANDATANGAN

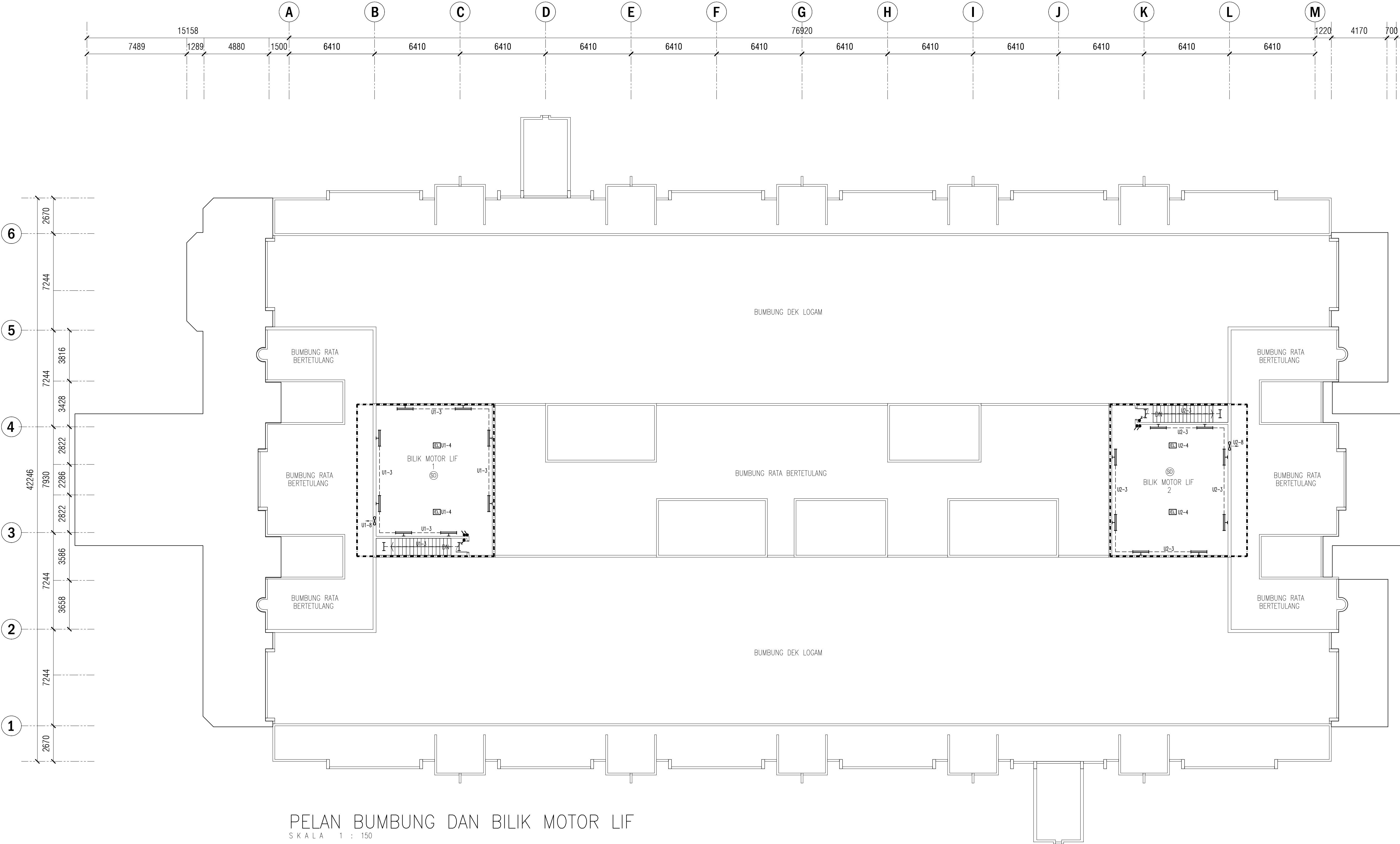
TAJUK LUKISAN :
ELECTRICAL SERVICES :

PELAN BUMBUNG DAN BILIK STOR
(LIGHTING LAYOUT)

TARIKH : MAC 2026	SKALA : A1=1:150 A3=1:300
DILUKIS OLEH : FADIL/ZARIS	DISEMAK OLEH : IKHWAN/IZZAT
NO. KONTRAK : PAME/25-20/E/LL-06	PINDAAN 00

LEGEND:

SYMBOL	DESCRIPTION	QUANTITY
	13W SELF CONTAINED LED EMERGENCY LIGHT FITTING WITH NICKEL CADMIUM BATTERIES (3 HOURS)	4 NOS.
	1 X 8.5W T8 LED TUBE LIGHT SURFACED MOUNTED AND ACCESSORIES	4 NOS.
	2 X 18W T8 LED TUBE LIGHT WALL MOUNTED AND ACCESSORIES	16 NOS.
	EXHAUST FAN POINT	2 NOS.
	6A 1 WAY FLUSH MOUNTED SWITCH (1500mm FROM FLOOR LEVEL)	4 NOS.
	6A 2 WAY FLUSH MOUNTED SWITCH (1500mm FROM FLOOR LEVEL)	2 NOS.



PELAN BUMBUNG DAN BILIK MOTOR LIF
S K A L A 1 : 150

TENDER DRAWING

NOTA :

PROJEK :

CADANGAN MENAIKTARAF SISTEM VOLTAN
RENDAH DAN KERJA-KERJA BERKAITAN
DI UNIVERSITI POLY-TECH
MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN

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TANDATANGAN

TAJUK LUKISAN :

ELECTRICAL SERVICES :

PELAN BUMBUNG DAN BILIK MOTOR LIF
(LIGHTING LAYOUT)

TARIKH : MAC 2026

SKALA : A1=1:150 A3=1:300

DILUKIS OLEH : FADIL/ZARIS

DISEMAK OLEH : IKHWAN/IZZAT

NO. KONTRAK :

PINDAAN

NO. LUKISAN :

PAME/25-20/E/LL-07

00

SYMBOL	DESCRIPTION	QUANTITY
	1 NO. 2 GANG 13A SWITCH SOCKET OUTLET	100 NOS.
	2 NOS. 1 GANG 13A SWITCH SOCKET OUTLET	28 NOS.
	2 NOS. 1 GANG 13A SWITCH SOCKET OUTLET IN SERVICE BOX	60 NOS.
	1 NO. 13A 1 GANG SWITCH SOCKET OUTLET (FOR WIFI POINT)	2 NOS.
	1 NO. 13A 1 GANG SWITCH SOCKET OUTLET (FOR CCTV POINT)	6 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET (1500mm F.F.I.)	1 NO.
	SUB SWITCHBOARD (SSB)	1 NO.
	DISTRIBUTION BOARD (DB)	7 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET ABOVE IN CEILING SPACE (FOR CARD ACCESS)	5 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET ABOVE IN CEILING SPACE (FOR PROJECTOR)	8 NOS.

SYMBOL	DESCRIPTION
	DOME CAMERA (EXISTING)
	DATA POINT (EXISTING)
	DATA POINT IN SERVICE BOX (EXISTING)
	WIFI POINT (EXISTING)



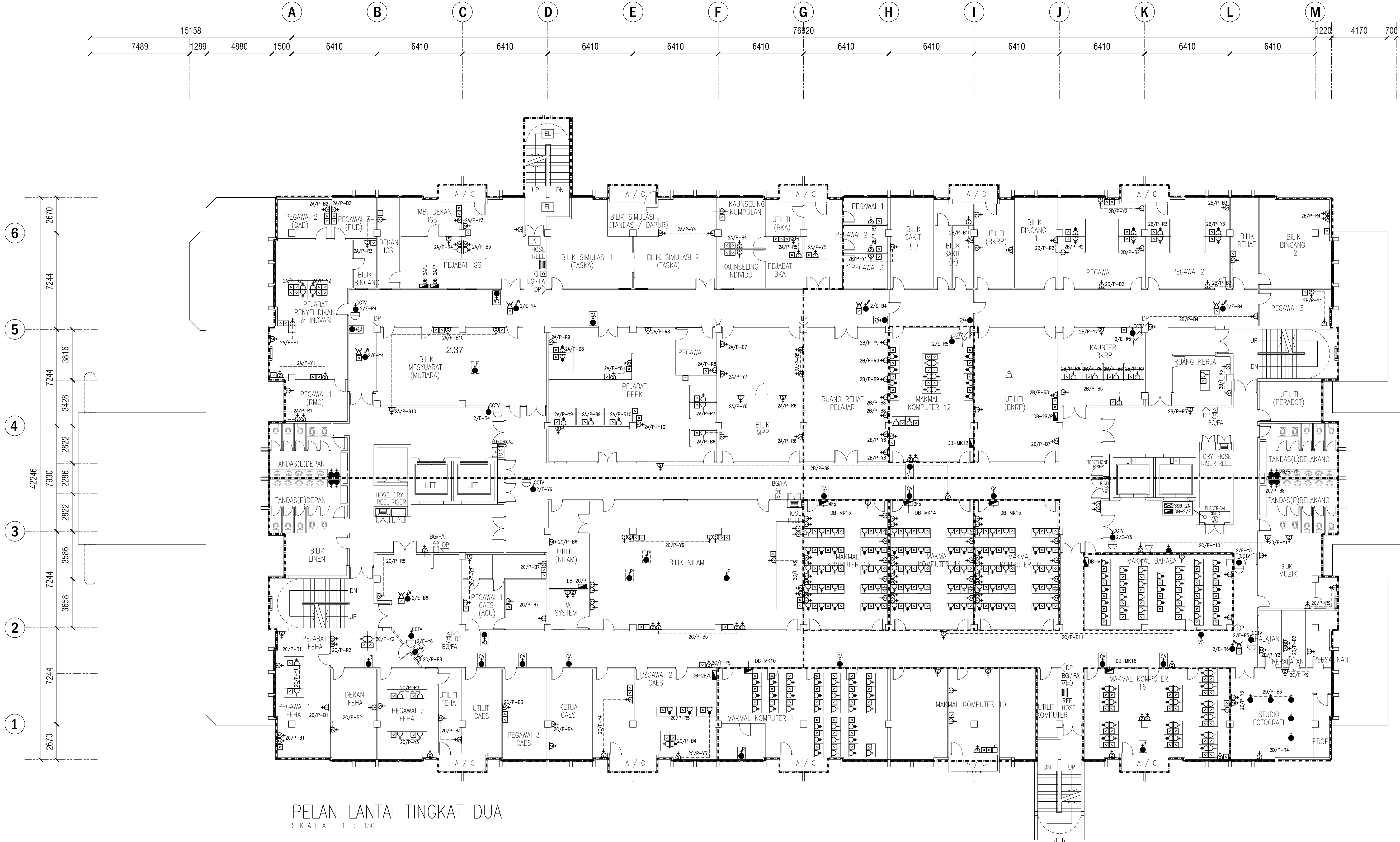
NO. KONTRAK :	PINDAAN
NO. LUKISAN :	

00

LEGEND:

SYMBOL	DESCRIPTION	QUANTITY
	1 NO. 2 GANG 13A SWITCH SOCKET OUTLET	205 NOS.
	2 NOS. 1 GANG 13A SWITCH SOCKET OUTLET	220 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET (FOR WIFI POINT)	6 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET (FOR CCTV POINT)	9 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET (1500mm F.F.L)	9 NOS.
	SUB SWITCHBOARD (SSB)	1 NO.
	DISTRIBUTION BOARD (DB)	16 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET ABOVE IN CEILING SPACE (FOR CARD ACCESS)	18 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET ABOVE IN CEILING SPACE (FOR PROJECTOR)	4 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET ABOVE IN CEILING SPACE (FOR SERVER RACK)	3 NOS.

SYMBOL	DESCRIPTION
	DOMA CAMERA (EXISTING)
	BULLET CAMERA (EXISTING)
	DATA POINT (EXISTING)
	DATA POINT IN SERVICE BOX (EXISTING)
	WIFI POINT (EXISTING)



PELAN LANTAI TINGKAT DUA
SKALA 1 : 150

TENDER DRAWING

NOTA :

PROJEK :
CADANGAN MENAIKTARAF SISTEM VOLTAN RENDAH DAN KERJA-KERJA BERKAITAN DI UNIVERSITI POLY-TECH MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN	TARIKH	HURAIAN

PEMILIK :

MALIS AMANAH RAKYAT
BAHAGIAN BINAAN DAN SELENGGARAAN
TINGKAT 11, IBU PEJABAT MARA,
NO. 21 JALAN MARA,
50609 KUALA LUMPUR

JURUTERA M&E :
PERUNDING AL SHURA M&E SDN. BHD.
(REG. NO. : 201801014857 (1215973-W))
MECHANICAL & ELECTRICAL CONSULTING ENGINEERS
No. 314, JALAN KAZIM, TAMAN DESA BAKTI, SELAYANG, 68100 KUALA LUMPUR
Tel : +602-4127-4613, E-mail : p.alshura@gmail.com, pame.enr@gmail.com

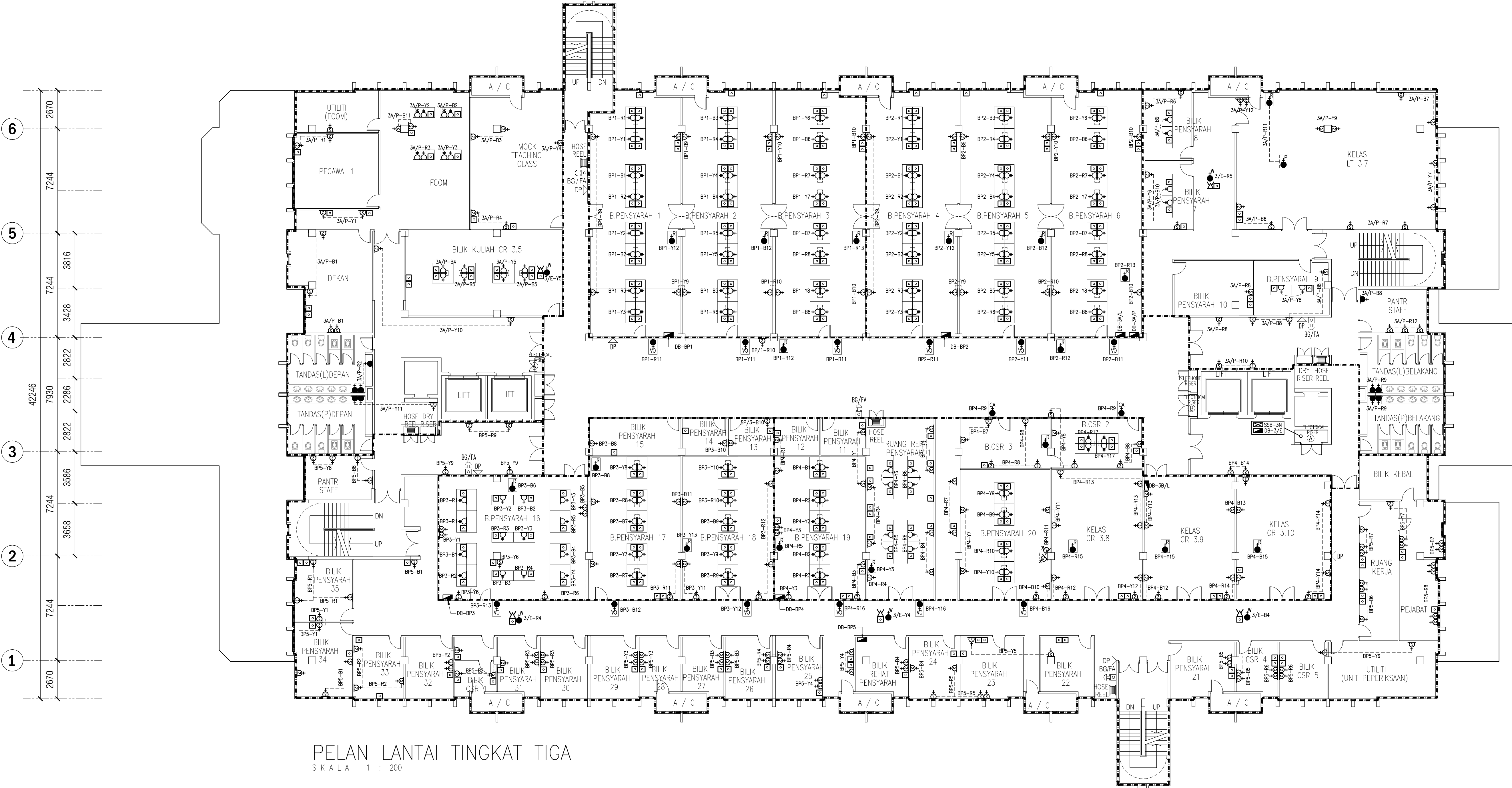
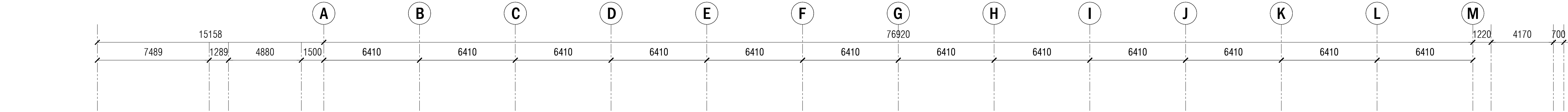
TANDATANGAN
TAJUK LUKISAN :
ELECTRICAL SERVICES :
PELAN LANTAI ARAS DUA
(POWER LAYOUT)

TARIKH : MAC 2026	SKALA : A1=1:150 A3=1:300
DILUKIS OLEH : ZARIS	DISEMAK OLEH : IKHWAN/IZZAT
NO. KONTRAK : PAME/25-20/E/PL-02	PINDAAN 00

LEGEND:

SYMBOL	DESCRIPTION	QUANTITY
	1 NO. 2 GANG 13A SWITCH SOCKET OUTLET	230 NOS.
	2 NOS. 1 GANG 13A SWITCH SOCKET OUTLET	178 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET	4 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET (FOR WIFI POINT)	5 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET (1500mm F.F.L.)	10 NOS.
	SUB SWITCHBOARD (SSB)	1 NO.
	DISTRIBUTION BOARD (DB)	10 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET ABOVE IN CEILING SPACE (FOR CARD ACCESS)	14 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET ABOVE IN CEILING SPACE (FOR PROJECTOR)	1 NO.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET ABOVE IN CEILING SPACE (FOR SERVER RACK)	18 NOS.

SYMBOL	DESCRIPTION
	DOME CAMERA (EXISTING)
	BULLET CAMERA (EXISTING)
	DATA POINT (EXISTING)
	DATA POINT IN SERVICE BOX (EXISTING)
	WIFI POINT (EXISTING)



PELAN LANTAI TINGKAT TIGA
SKALA 1 : 200

TENDER DRAWING

NOTA :

PROJEK :

CADANGAN MENAIKTARAF SISTEM VOLTAN
RENDAH DAN KERJA-KERJA BERKAITAN
DI UNIVERSITI POLY-TECH
MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN TARIKH

HURAIAN

PEMILIK :



MAJLIS AMANAH RAKYAT
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Tel : +606-9127-4613, E-mail : p.azman@gmail.com, p.ame.enr@gmail.com

TANDATANGAN

TAJUK LUKISAN :

ELECTRICAL SERVICES :

PELAN LANTAI ARAS TIGA
(POWER LAYOUT)

TARIKH : MAC 2026

SKALA : A1=1:150 A3=1:300

DILUKIS OLEH : ZARIS

DISEMAK OLEH : IKHWAN/IZZAT

NO. KONTRAK :

PINDAAN

NO. LUKISAN :
PAME/25-20/E/PL-03

00

SYMBOL	DESCRIPTION	QUANTITY
	1 NO. 2 GANG 13A SWITCH SOCKET OUTLET	118 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET (FOR WIFI POINT)	6 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET (FOR CCTV POINT)	12 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET (1500mm F.F.L)	8 NOS.
	SUB SWITCH-BOARD (SSB)	1 NO.
	DISTRIBUTION BOARD (DB)	6 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET ABOVE IN CEILING SPACE (FOR PROJECTOR)	38 NOS.

CADANGAN MENAIKTARAF SISTEM VOLTAN
RENDAH DAN KERJA-KERJA BERKAITAN
DI UNIVERSITI POLY-TECH
MALAYSIA (UPTM), KUALA LUMPUR

PEMILIK :



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TINGKAT 11, ISU PEJABAT MARA,
NO. 21 JALAN MARA,
50609 KUALA LUMPUR

TARIKH : MAC 2026	SKALA : A1=1:150 A3=1:300
DILUKIS OLEH : ZARIS	DISEMAK OLEH : IKHWAN/IZZAT
NO. KONTRAK :	PINDAAN
NO. LUKISAN : PAME/25-20/E/PL-04	00

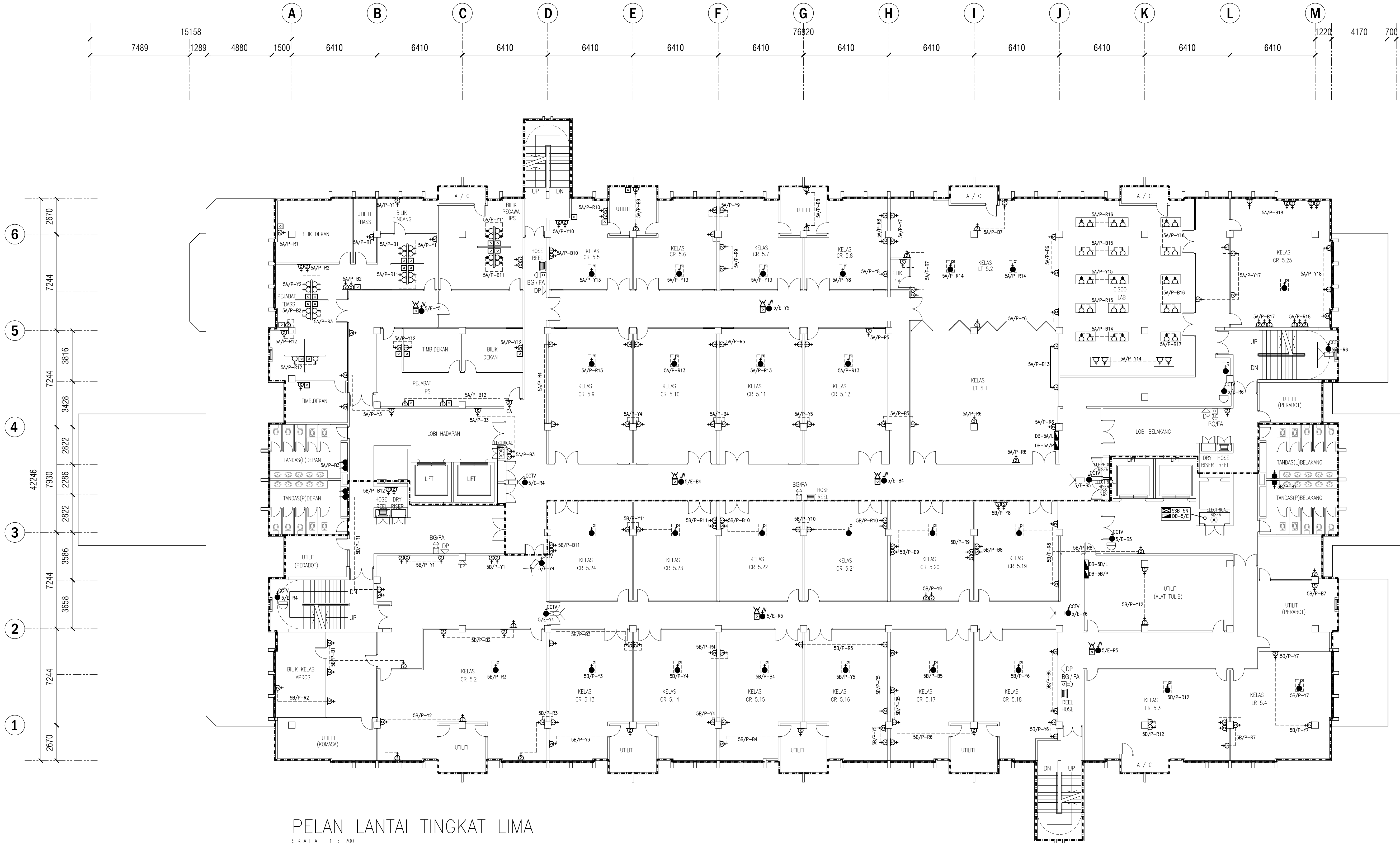


TENDER DRAWING

LEGEND:

SYMBOL	DESCRIPTION	QUANTITY
	1 NO. 2 GANG 13A SWITCH SOCKET OUTLET	200 NOS.
	2 NOS. 1 GANG 13A SWITCH SOCKET OUTLET	34 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET (FOR WIFI POINT)	6 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET (FOR CCTV POINT)	9 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET (1500mm F.F.L.)	6 NOS.
	SUB SWITCHBOARD (SSB)	1 NO.
	DISTRIBUTION BOARD (DB)	7 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET ABOVE IN CEILING SPACE (FOR PROJECTOR)	26 NOS.
	1 NO. 1 GANG 13A SWITCH SOCKET OUTLET ABOVE IN CEILING SPACE (FOR SERVER RACK)	1 NO.

SYMBOL	DESCRIPTION
	DOME CAMERA (EXISTING)
	BULLET CAMERA (EXISTING)
	DATA POINT (EXISTING)
	DATA POINT IN SERVICE BOX (EXISTING)
	WIFI POINT (EXISTING)



PELAN LANTAI TINGKAT LIMA
SKALA 1 : 200

TENDER DRAWING

NOTA :

PROJEK :

CADANGAN MENAIKtaraf SISTEM VOLTAN
RENDAH DAN KERJA-KERJA BERKAITAN
DI UNIVERSITI POLY-TECH
MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN TARIKHI

HURAIAN

PEMILIK :



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50603 KUALA LUMPUR

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(REG. NO. : 20180101487 / (12)5973-W)
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Tel : +605-4127 4613, E-mail : pacerme@gmail.com, pame.enr@gmail.com

TANDATANGAN

TAJUK LUKISAN :

ELECTRICAL SERVICES :

PELAN LANTAI ARAS LIMA
(POWER LAYOUT)

TARIKH : MAC 2026

SKALA : A1=1:150 A3=1:300

DILUKIS OLEH : ZARIS

DISEMAK OLEH : IKHWAN/IZZAT

NO. KONTRAK :

PINDAAN

NO. LUKISAN :

PAME/25-20/E/PL-05

00

LEGEND:		
SYMBOL	DESCRIPTION	QUANTITY
	1 NO. 2 GANG 13A SWITCH SOCKET OUTLET	3 NOS.
	DISTRIBUTION BOARD (DB)	2 NOS.

NOTA :

PROJEK :

CADANGAN MENAIKTARAF SISTEM VOLTAN
RENDAH DAN KERJA-KERJA BERKAITAN
DI UNIVERSITI POLY-TECH
MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN	TARIKH	HURAIAN

PEMILIK :



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50609 KUALA LUMPUR



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Tel : +605-4127-4615, E-mail : pacerme@gmail.com, pame.enr@gmail.com

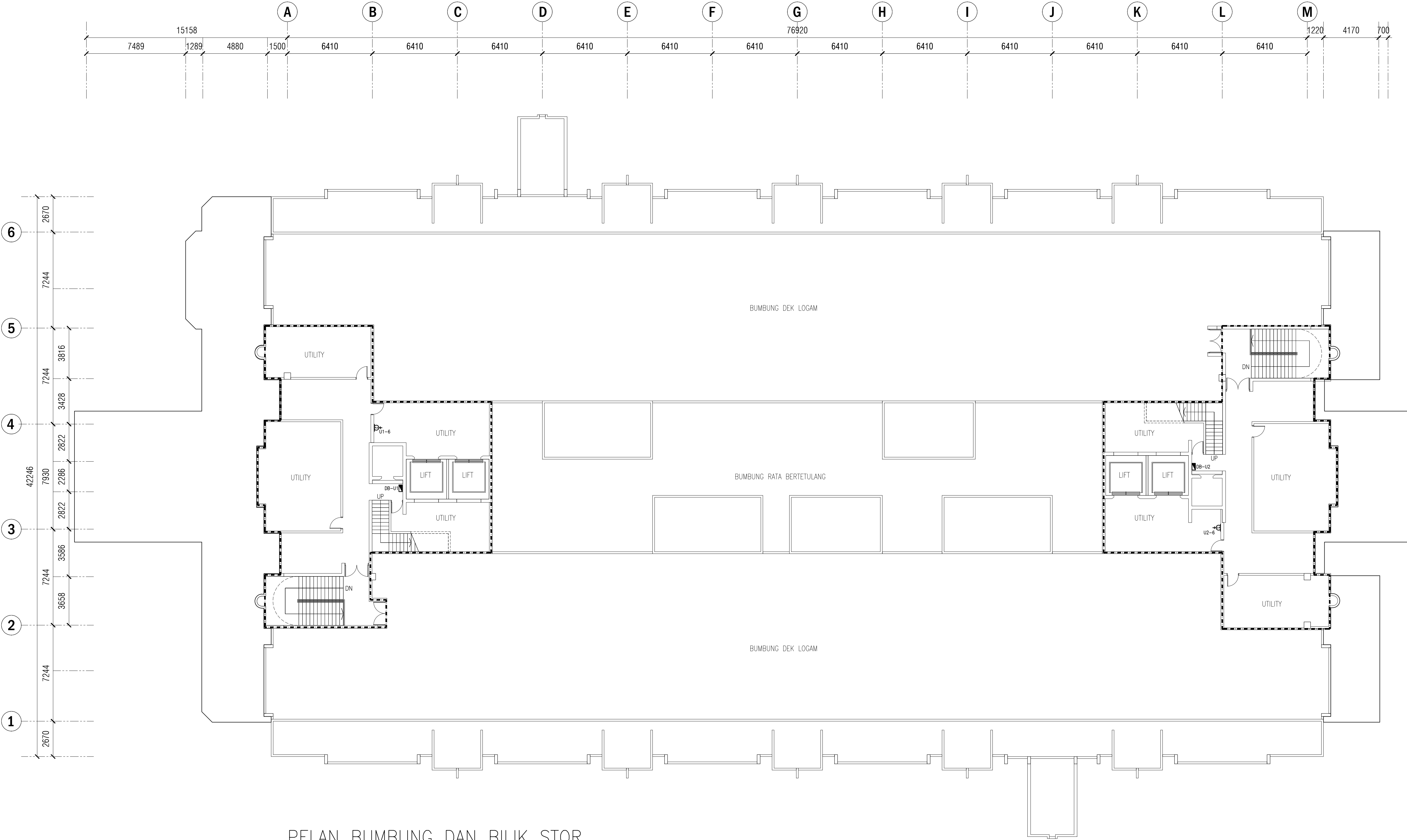
TANDATANGAN

TAJUK LUKISAN :
ELECTRICAL SERVICES :

PELAN BUMBUNG DAN BILIK STOR
(POWER LAYOUT)

TARIKH : MAC 2026	SKALA : A1=1:150 A3=1:300
DILUKIS OLEH : ZARIS	DISEMAK OLEH : IKHWAN/IZZAT
NO. KONTRAK : PAME/25-20/E/PL-06	PINDAAN 00

TENDER DRAWING



PELAN BUMBUNG DAN BILIK STOR
SKALA 1 : 150

LEGEND:		
SYMBOL	DESCRIPTION	QUANTITY
	1 NO. 2 GANG 13A SWITCH SOCKET OUTLET	4 NOS.
	DISTRIBUTION BOARD (DB)	2 NOS.

NOTA :

PROJEK :

CADANGAN MENAIKTARAF SISTEM VOLTAN
RENDAH DAN KERJA-KERJA BERKAITAN
DI UNIVERSITI POLY-TECH
MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN	TARIKH	HURAIAN

PEMILIK :



MALIS AMANAH RAKYAT
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NO. 21 JALAN MARA,
50609 KUALA LUMPUR



PERUNDING AL SHURA M&E SDN. BHD.
(REG. NO. : 201801014897 (12/5873-W))
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Tel : +605-4127-4615, E-mail : pacerme@gmail.com, pame.enr@gmail.com

TANDATANGAN

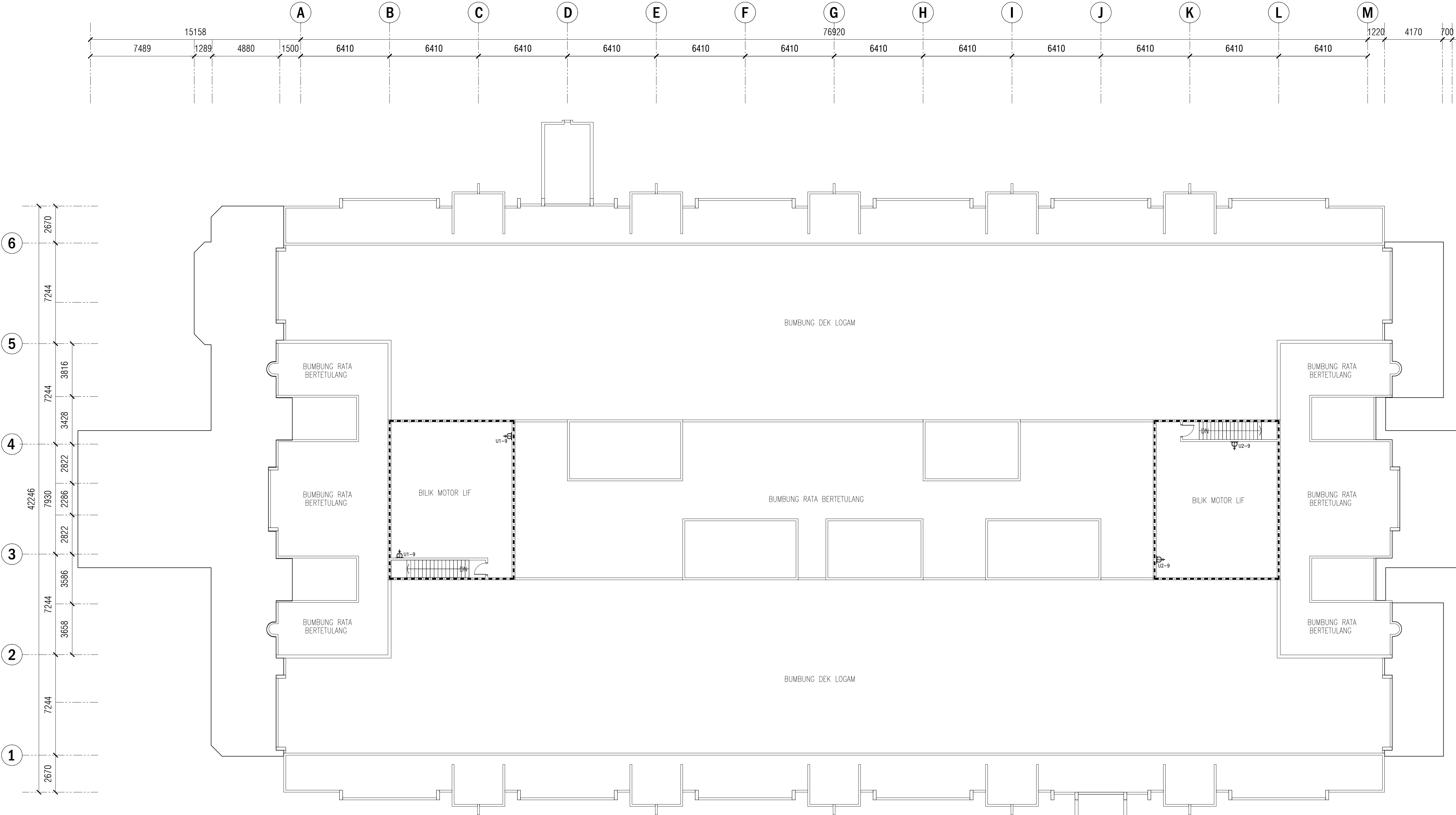
TAJUK LUKISAN :

ELECTRICAL SERVICES :

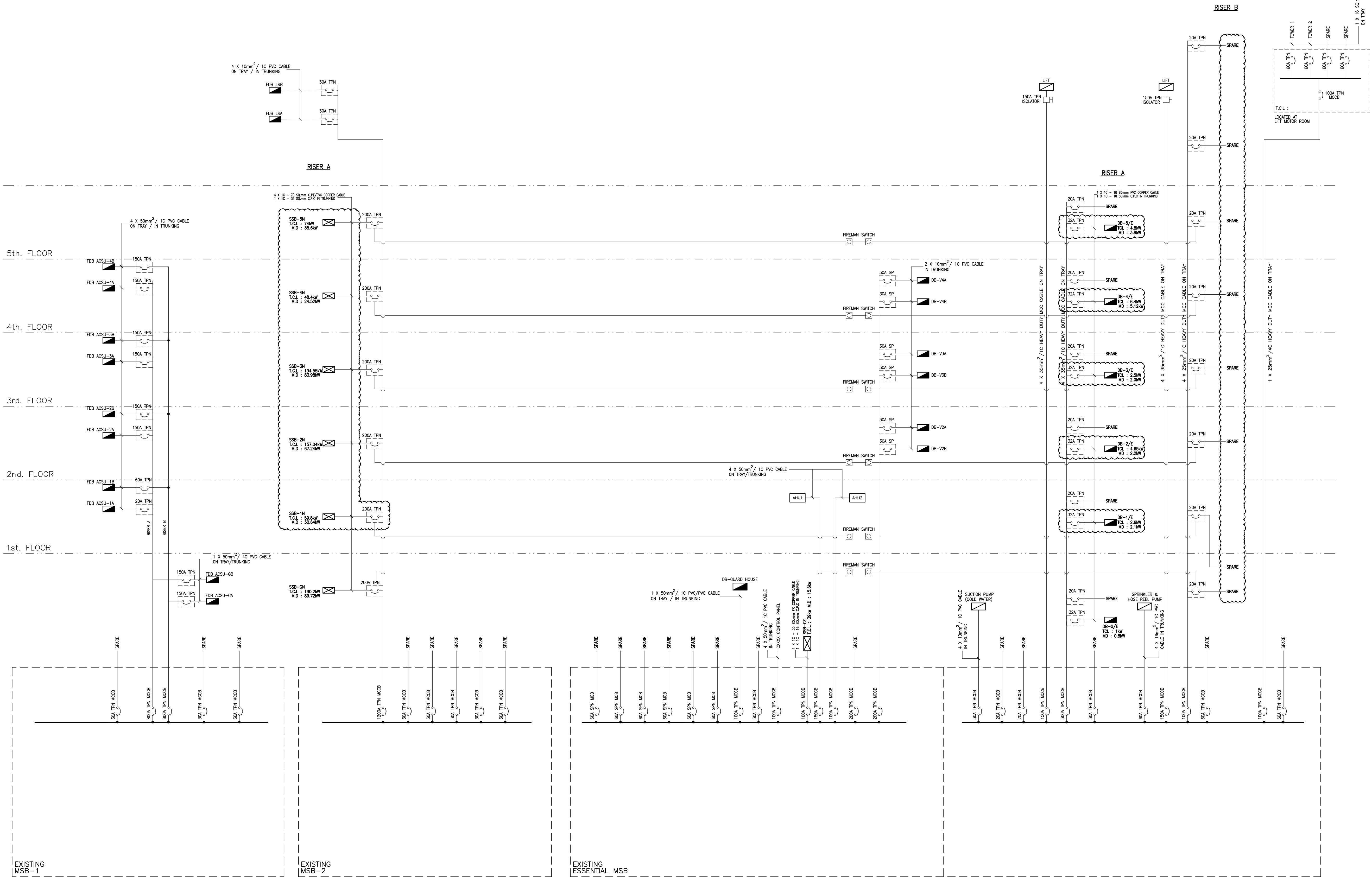
PELAN BUMBUNG DAN BILIK MOTOR LIF
(POWER LAYOUT)

TARIKH : MAC 2026	SKALA : A1=1:150 A3=1:300
DILUKIS OLEH : ZARIS	DISEMAK OLEH : IKHWAN/IZZAT
NO. KONTRAK :	PINDAAN
NO. LUKISAN : PAME/25-20/E/PL-07	00

TENDER DRAWING



PELAN BUMBUNG DAN BILIK MOTOR LIF
S K A L A 1 : 150



NOTA :
1. THE CLOUD INDICATE IN THE DRAWING SHALL BE THE SCOPE OF WORK UNDER THIS CONTRACT

PROJEK :
CADANGAN MENAIKTARAF SISTEM VOLTAN RENDAH DAN KERJA-KERJA BERKAITAN DI UNIVERSITI POLY-TECH MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN	TARIKH	HURAIAN

PEMILIK :

MALIS AMANAH RAKYAT
BAHAGIAN STRUKTUR DAN SELENGGARAAN
TINGKAT 11, IBU PEJABAT MARA,
NO. 21 JALAN MARA,
50609 KUALA LUMPUR

JURUTERA M&E :

PERUNDING AL SHURA M&E SDN. BHD.
(REG. NO. : 201801014897 (12/5873-W))
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No. 314, JALAN KASIH, TAMAN DESA BAKTI, SELAYANG, 68100 KUALA LUMPUR
Tel : +605-4127-4615, E-mail : pacerme@gmail.com, pame-eng@gmail.com

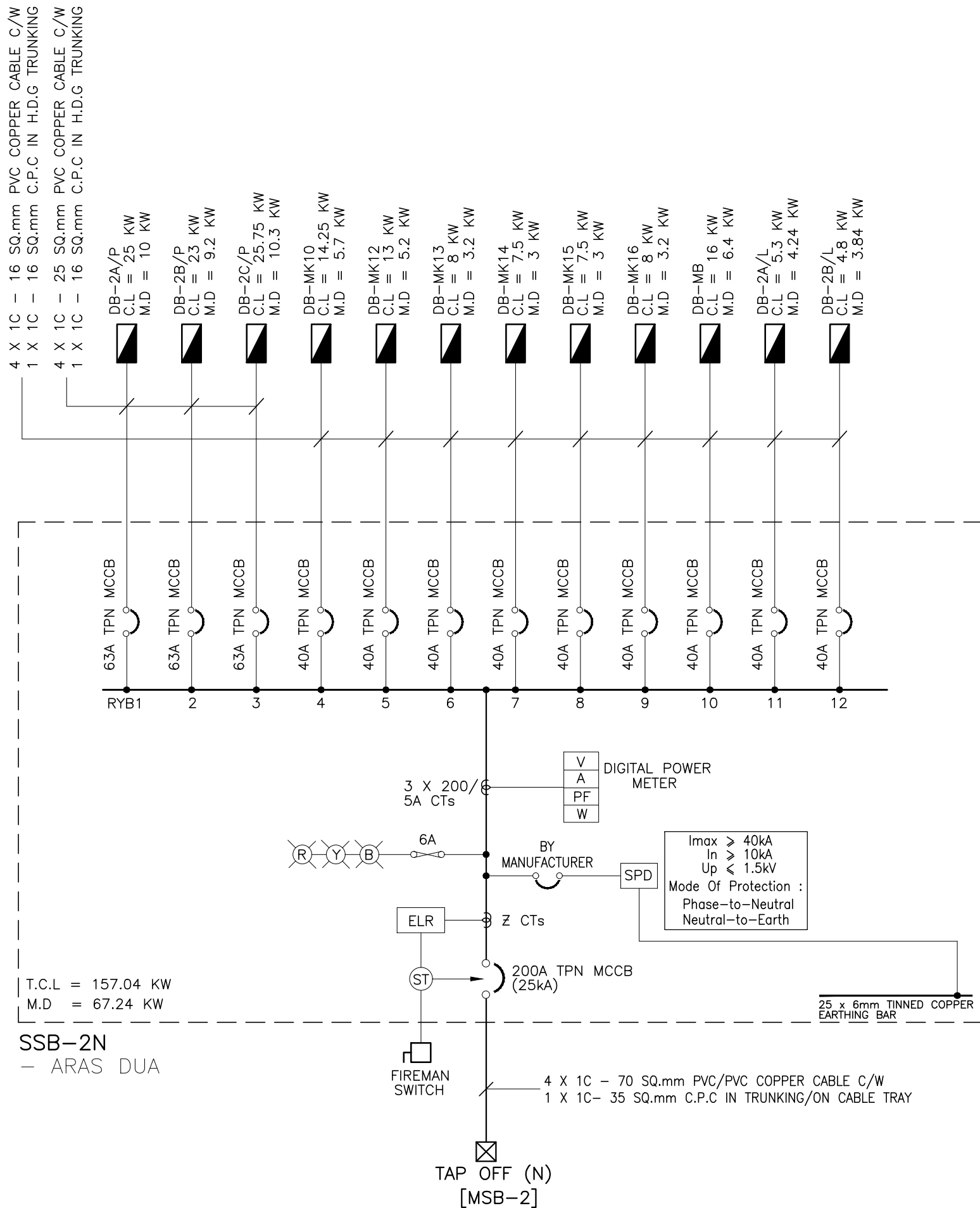
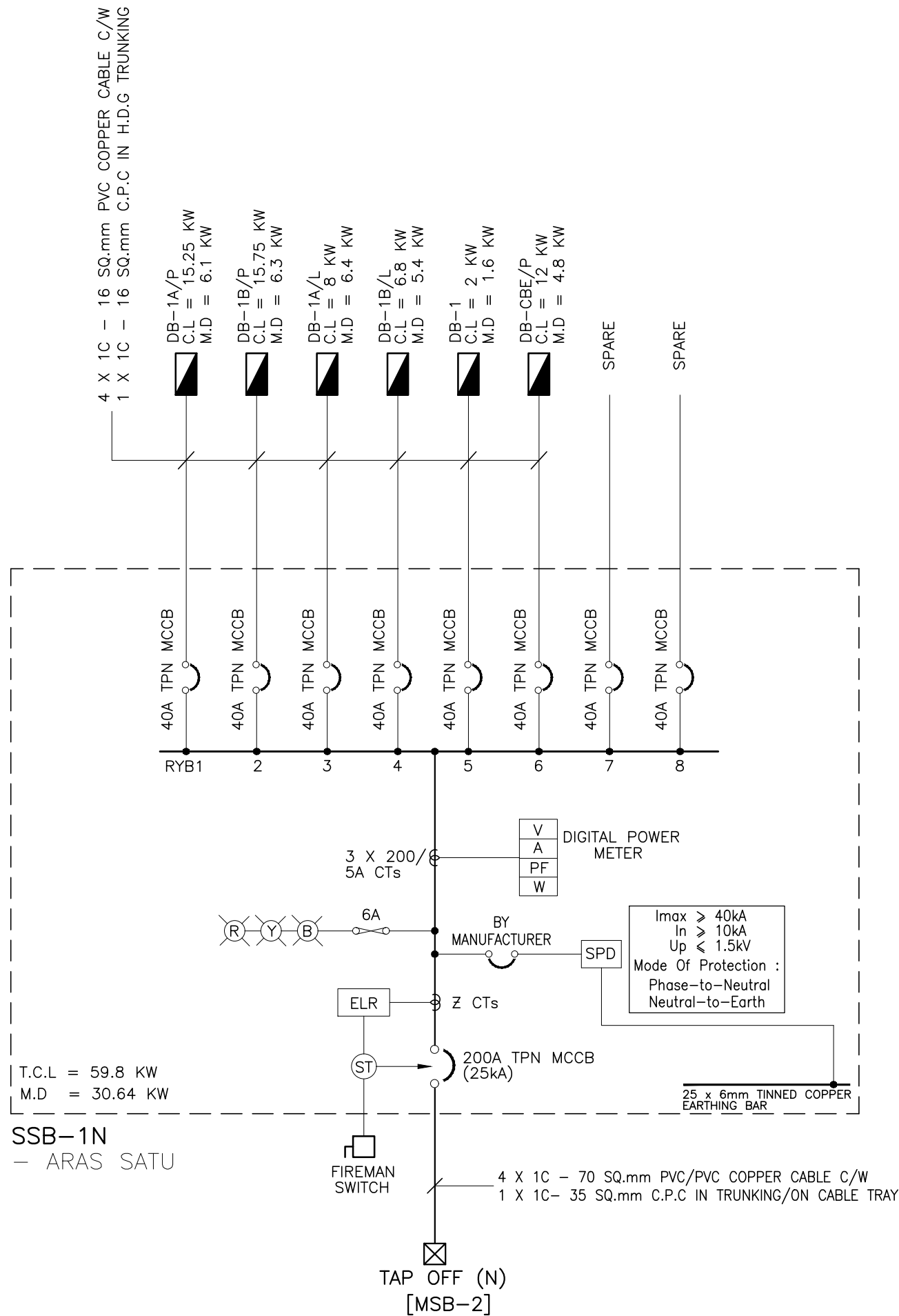
TANDATANGAN

TAJUK LUKISAN :
ELECTRICAL SERVICES :

MAIN SWITCHBOARD DIAGRAM

TARIKH : FEB. 2026	SKALA : A1=N.T.S A3=N.T.S
DILUKIS OLEH : M. FADIL/ZARIS	DISEMAK OLEH : IKHWAN/JZZAT
NO. KONTRAK : PAME/25-20/E/MSB	PINDAAN 00

TENDER DRAWING



TENDER DRAWING

NOTA :

PROJEK :

CADANGAN MENAIKTARAF SISTEM VOLTAN RENDAH DAN KERJA-KERJA BERKAITAN DI UNIVERSITI POLY-TECH MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN	TARIKH	HURAIAN

PEMILIK :

MALIS AMANAH RAKYAT
BAHAGIAN SNIHAN DAN SELENGGARAAN
TINGKAT 11, IBU PEJABAT MARA,
NO. 21 JALAN MARA,
50609 KUALA LUMPUR

JURUTERA M&E :

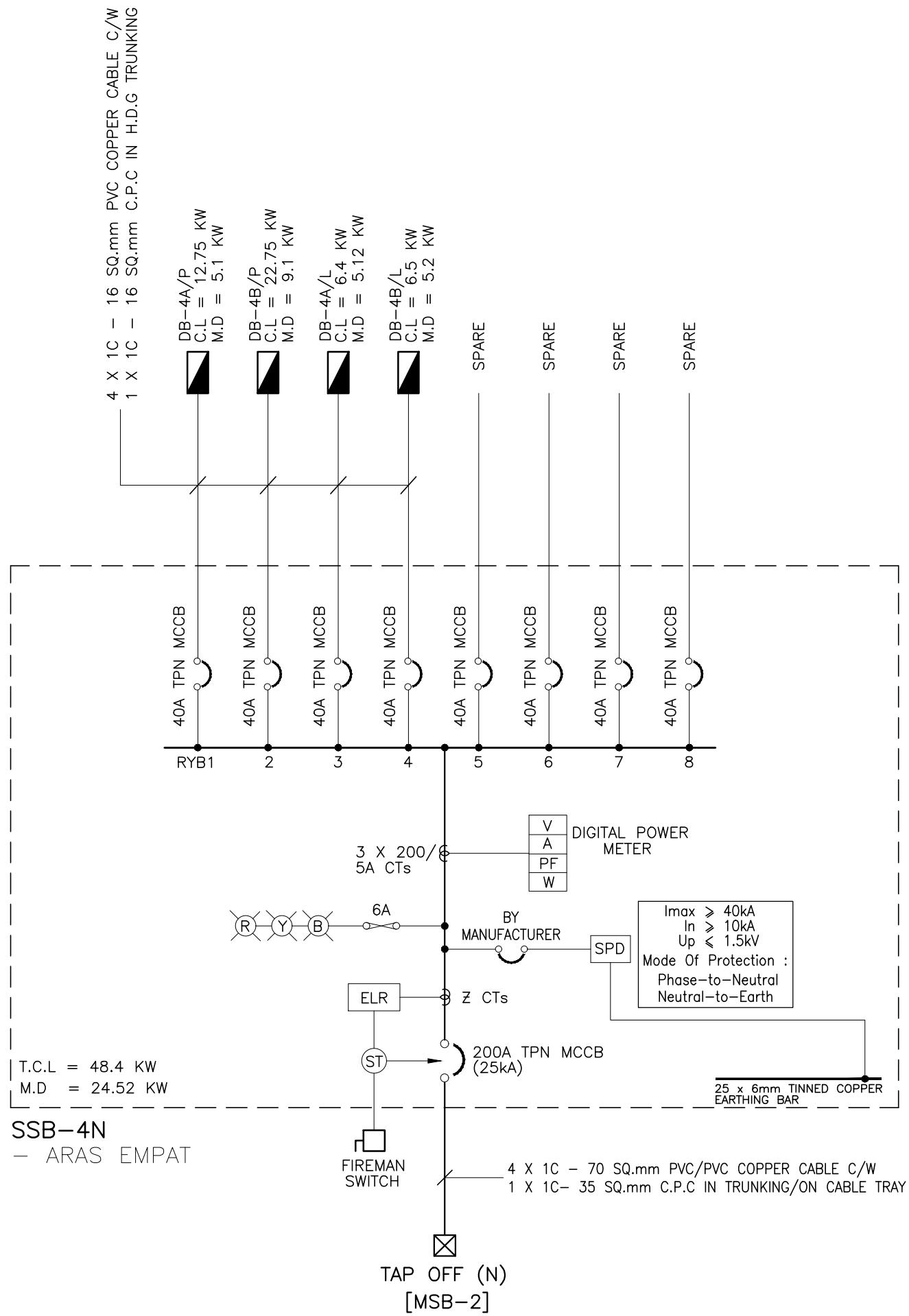
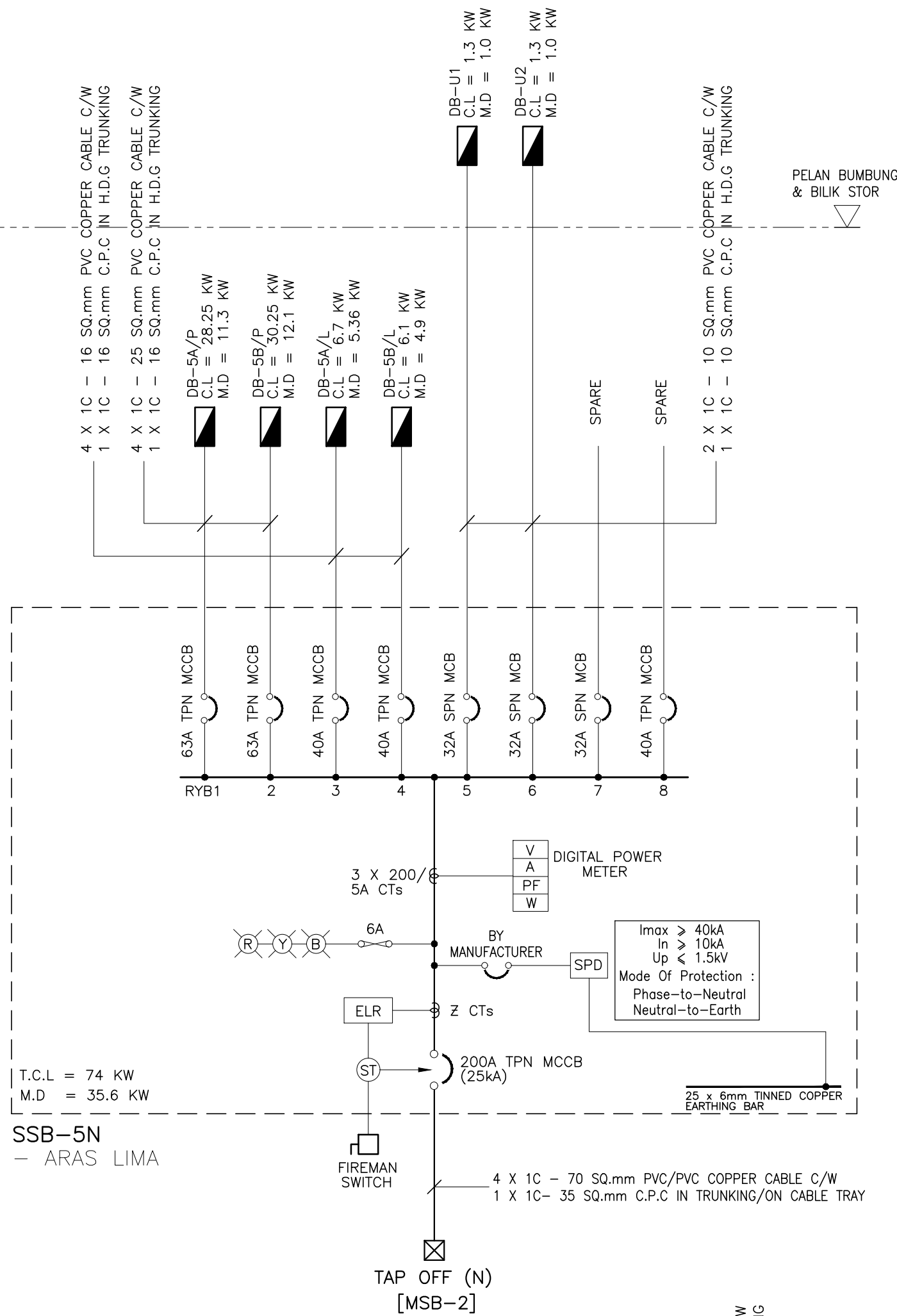
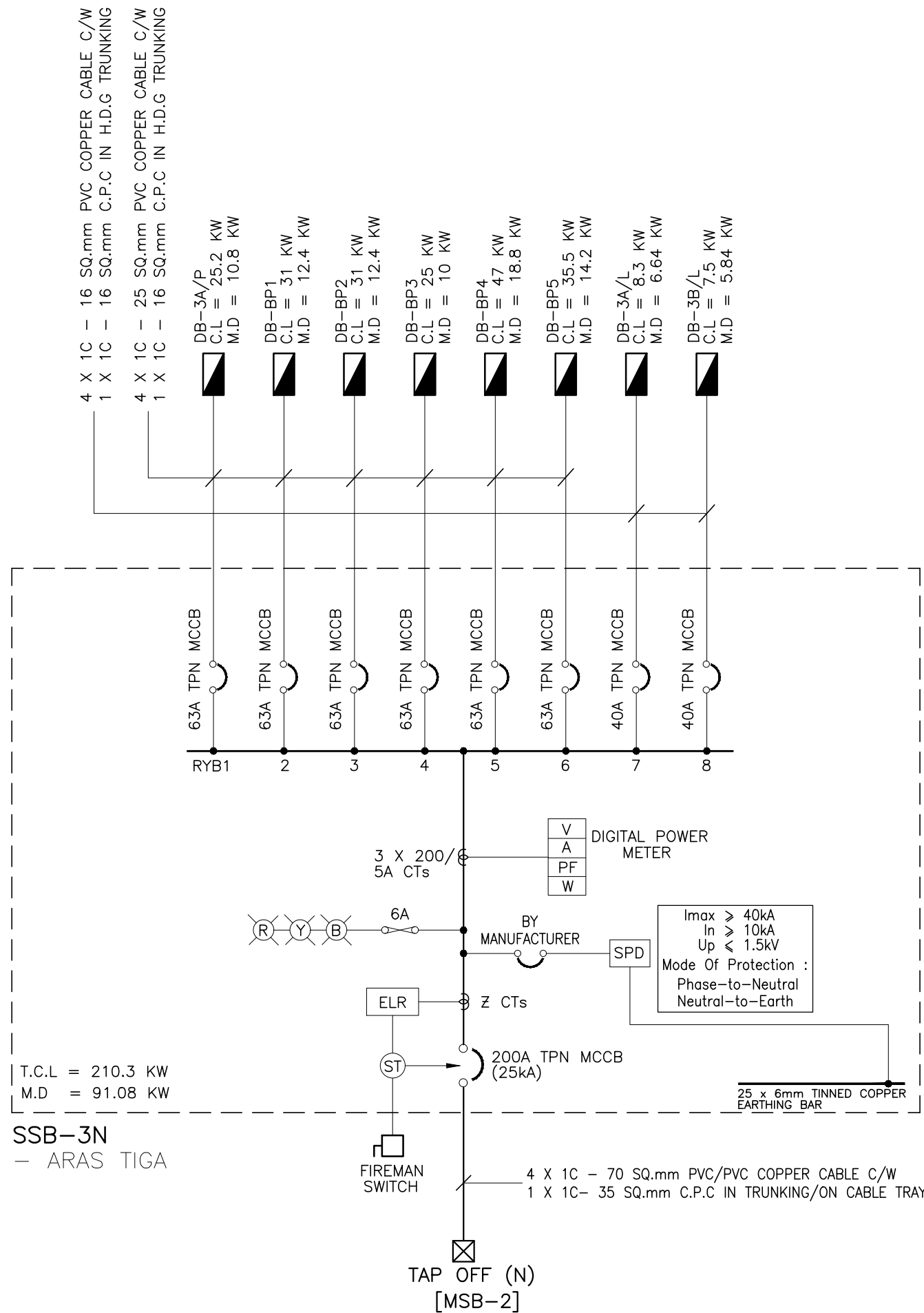
PERUNDING AL SHURA M&E SDN. BHD.
(REG. NO. : 201801014897 (12/9873-W))
MECHANICAL & ELECTRICAL CONSULTING ENGINEERS
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TANDATANGAN

TAJUK LUKISAN :
ELECTRICAL SERVICES :

SUB-SWITCHBOARD DIAGRAM NO.1

TARIKH : MAC 2026	SKALA : A1=N.T.S A3=N.T.S
DILUKIS OLEH : ZARIS	DISEMAK OLEH : IKHWAN/IZZAT
NO. KONTRAK : PAME/25-20/E/SSB-01	PINDAAN 00



TENDER DRAWING

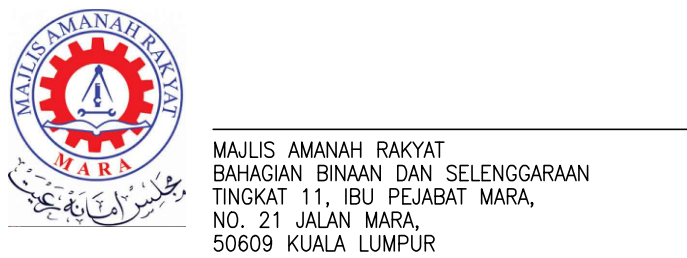
NOTA :

PROJEK :

CADANGAN MENAIKTARAF SISTEM VOLTAN
RENDAH DAN KERJA-KERJA BERKAITAN
DI UNIVERSITI POLY-TECH
MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN	TARIKH	HURAIAN

PEMILIK :



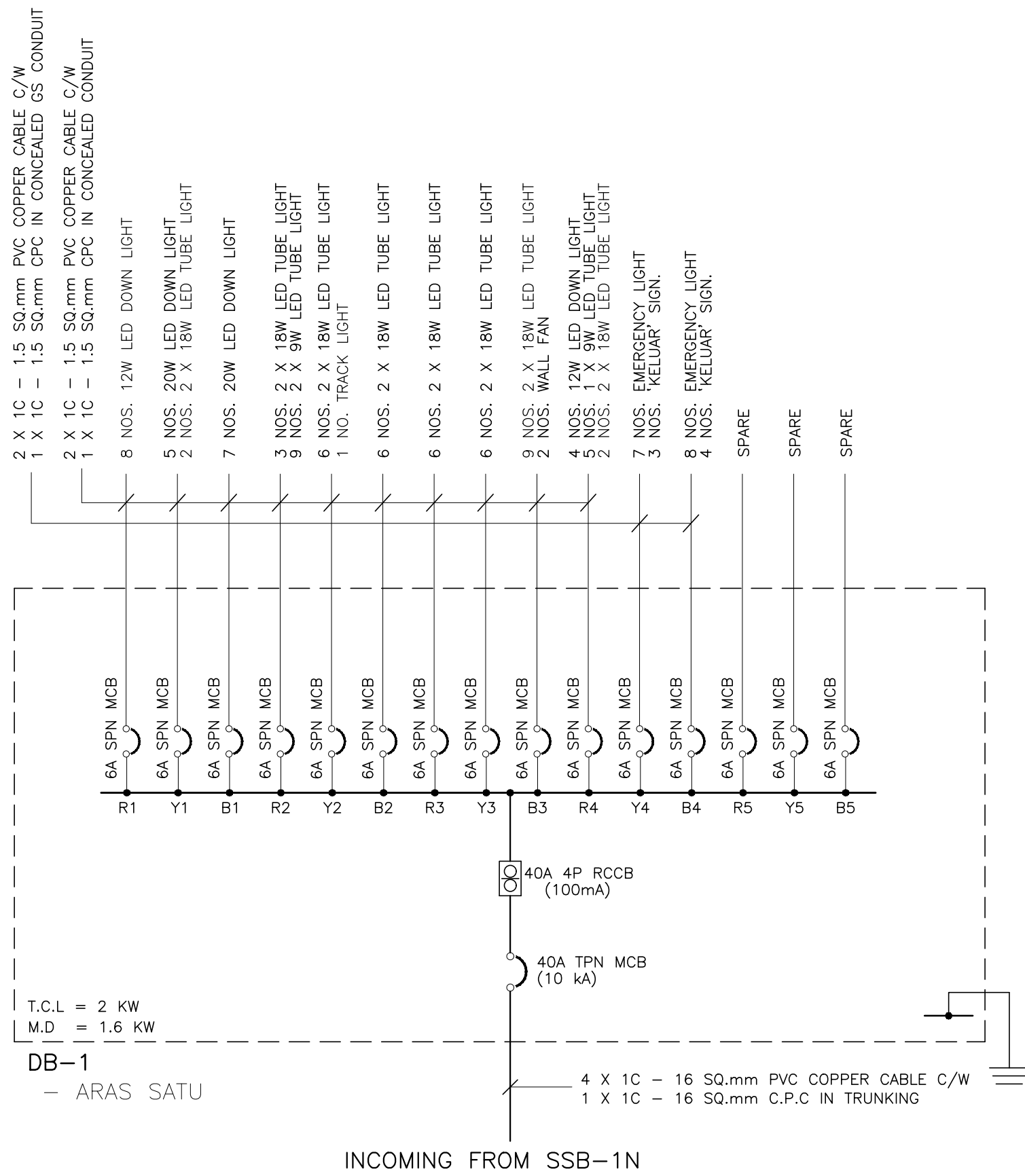
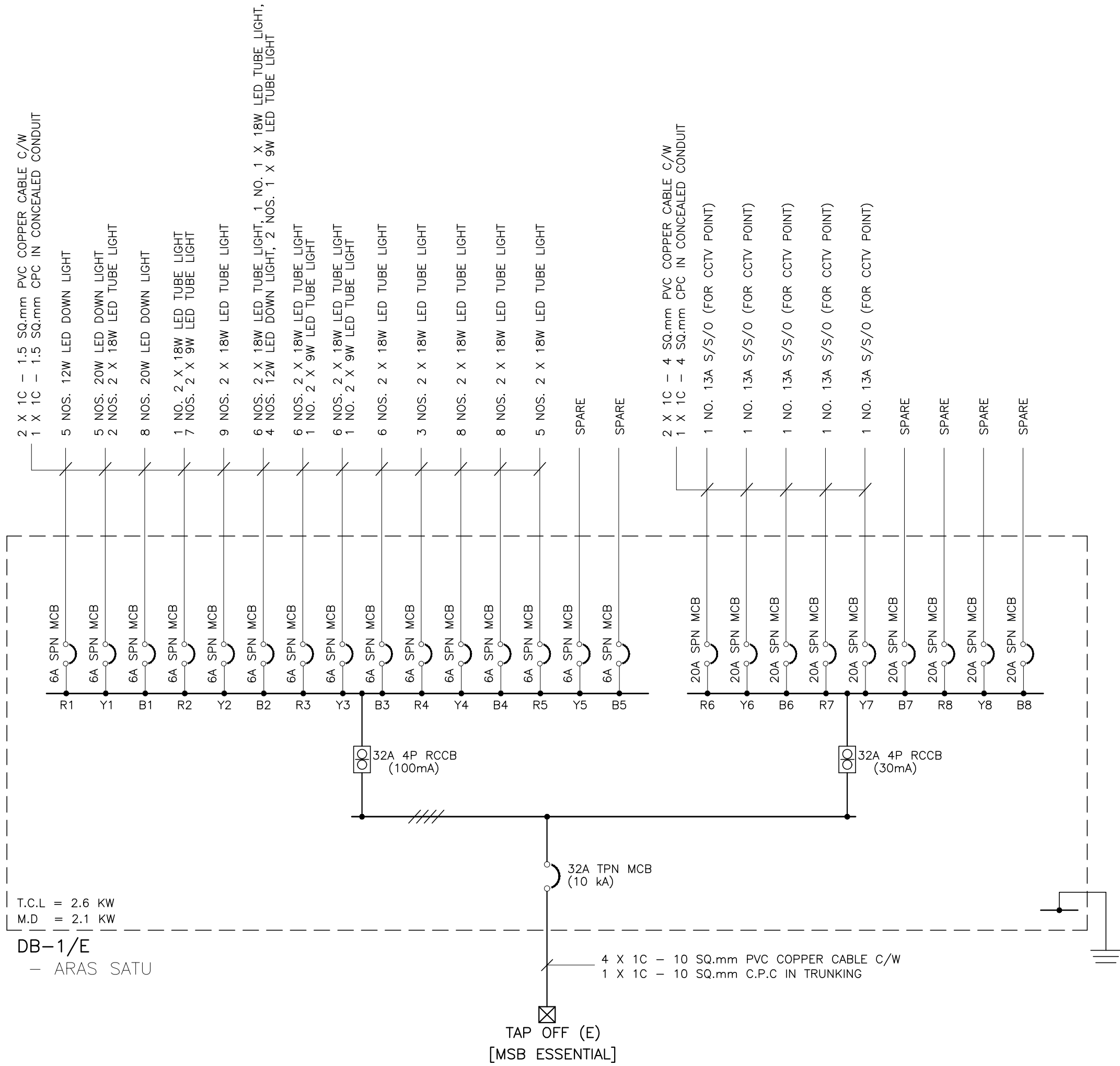
JURUTERA M&E :
PERUNDING AL SHURA M&E SDN. BHD.
(REG. NO. : 201801014807 (12/5873-W))
MECHANICAL & ELECTRICAL CONSULTING ENGINEERS
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Tel : +606-4127-4615, E-mail : pacerme@gmail.com, pame.enr@gmail.com

TANDATANGAN

TAJUK LUKISAN :
ELECTRICAL SERVICES :

SUB-SWITCHBOARD DIAGRAM NO.2

TARIKH : MAC 2026	SKALA : A1=N.T.S A3=N.T.S
DILUKIS OLEH : ZARIS	DISEMAK OLEH : IKHWAN/IZZAT
NO. KONTRAK : PAME/25-20/E/SSB-02	PINDAAN 00



TENDER DRAWING

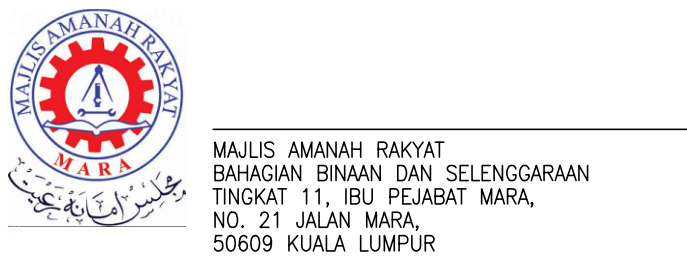
NOTA :

PROJEK :

CADANGAN MENAIKTARAF SISTEM VOLTAN
RENDAH DAN KERJA-KERJA BERKAITAN
DI UNIVERSITI POLY-TECH
MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN	TARIKH	HURAIAN

PEMILIK :



JURUTERA M&E :
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(REG. NO. : 201801014807 (12/5873-W))
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Tel : +605-4127 4615 E-mail : pacerme@gmail.com, pame.enr@gmail.com

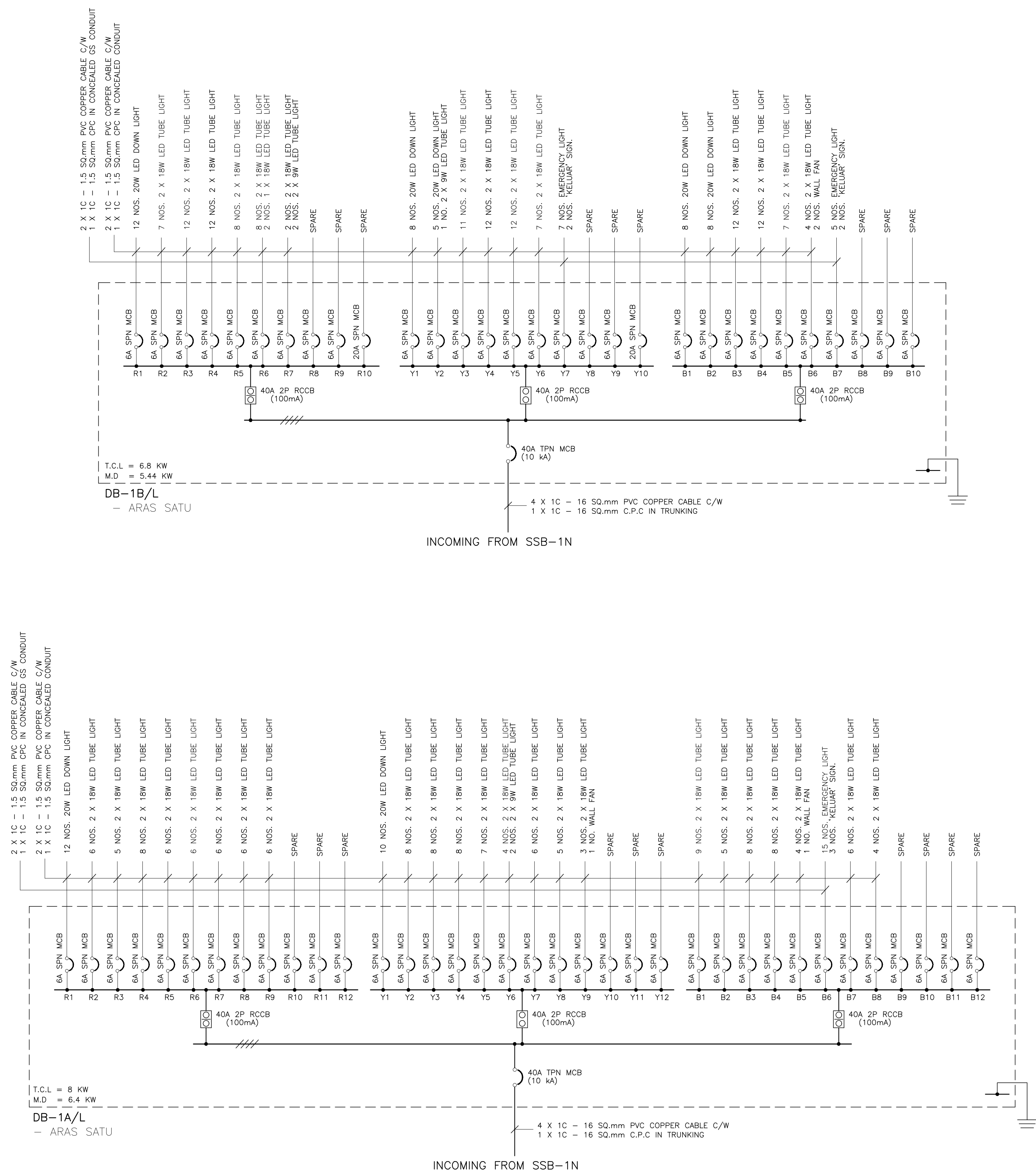
TANDATANGAN

TAJUK LUKISAN :

ELECTRICAL SERVICES :

SCHEMATIC DIAGRAM NO. 1

TARIKH : MAC 2026	SKALA : A1=N.T.S A3=N.T.S
DILUKIS OLEH : FADIL/ZARIS	DISEMAK OLEH : IKHWAN/IZZAT
NO. KONTRAK :	PINDAAN
NO. LUKISAN :	
PAME/25-20/E/SCH-01	00



TENDER DRAWING

NOTA :

PROJEK :

CADANGAN MENAIKTARAF SISTEM VOLTAN
RENDAH DAN KERJA-KERJA BERKAITAN
DI UNIVERSITI POLY-TECH
MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN	TARIKH	HURAIAN

PEMILIK :



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TINGKAT 11, IBU PEJABAT MARA,
NO. 21 JALAN MARA,
50609 KUALA LUMPUR

JURUTERA M&E :



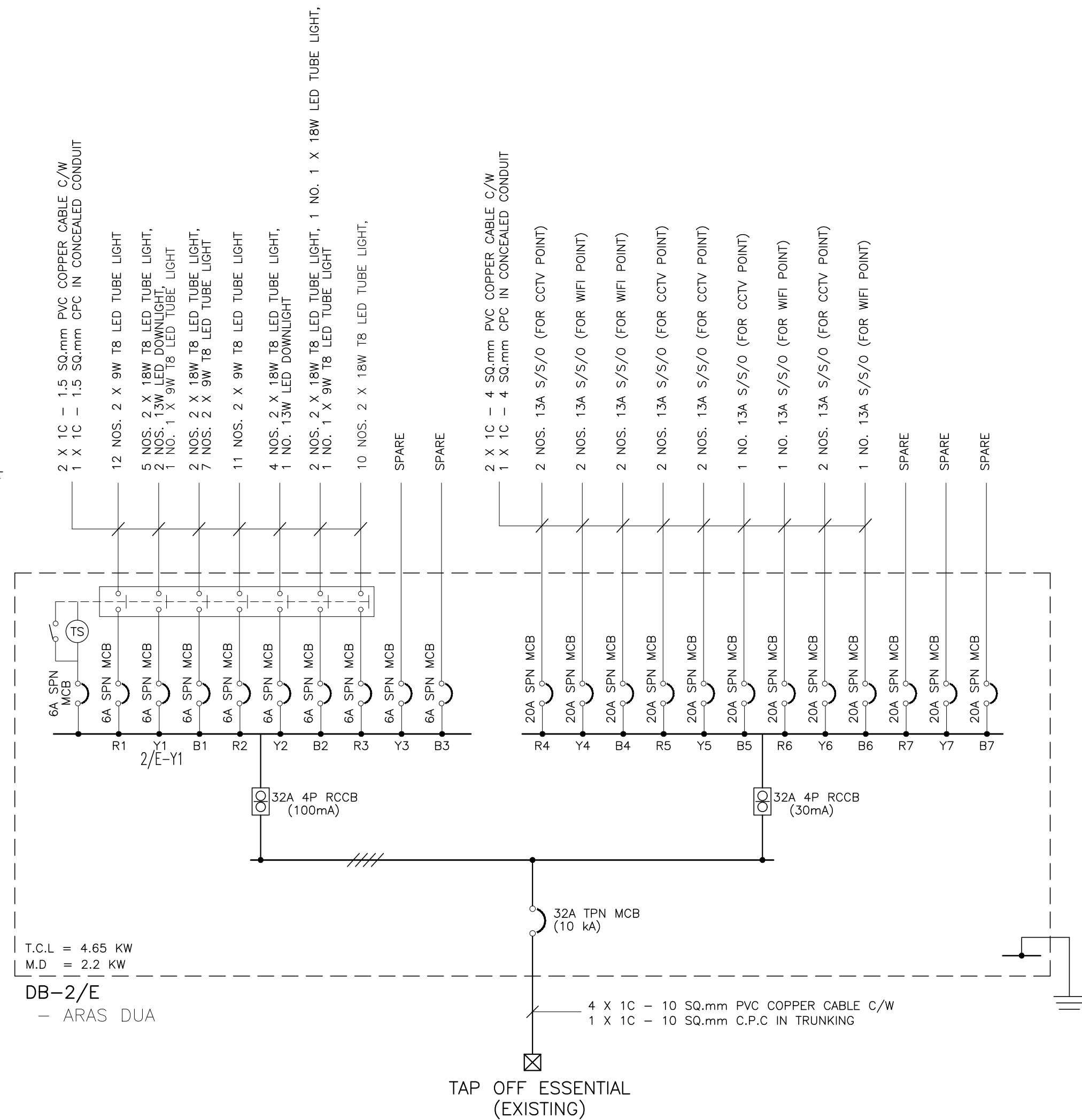
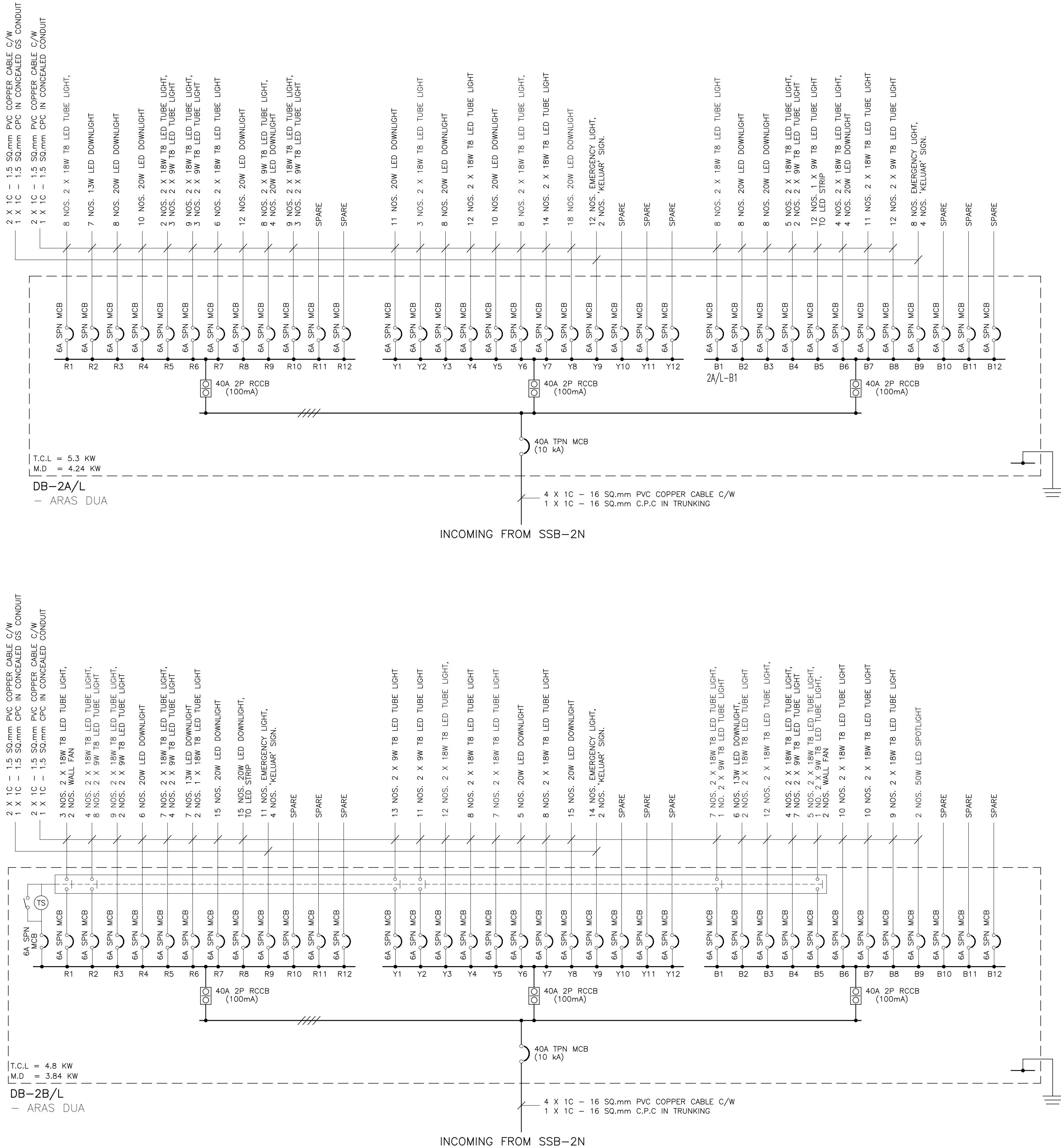
PERUNDING AL SHURA M&E SDN. BHD.
(REG. NO. : 201601014657 (1276873-W))
MECHANICAL & ELECTRICAL CONSULTING ENGINEERS
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TANDATANGAN

ELECTRICAL SERVICES :

SCHEMATIC DIAGRAM NO. 2

TARIKH : MAC 2026	SKALA : A1=N.T.S	A3=N.T.S
DILUKIS OLEH : FADIL/ZARIS	DISEMAK OLEH : IKHWAN/IZZAT	
NO. KONTRAK :		PINDAAN
NO. LUKISAN :		
PAME/25-20/E/SCH-02		00



TENDER DRAWING

NOTA :

PROJEK :
CADANGAN MENAIKTARAF SISTEM VOLTAN
RENDAH DAN KERJA-KERJA BERKAITAN
DI UNIVERSITI POLY-TECH
MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN	TARIKH	HURAIAN

PEMILIK :



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BAHAGIAN STRUKTUR DAN SELENGKARAAN
TINGKAT 11, IBU PEJABAT MARA,
NO. 21 JALAN MARA,
50609 KUALA LUMPUR

JURUTERA M&E :

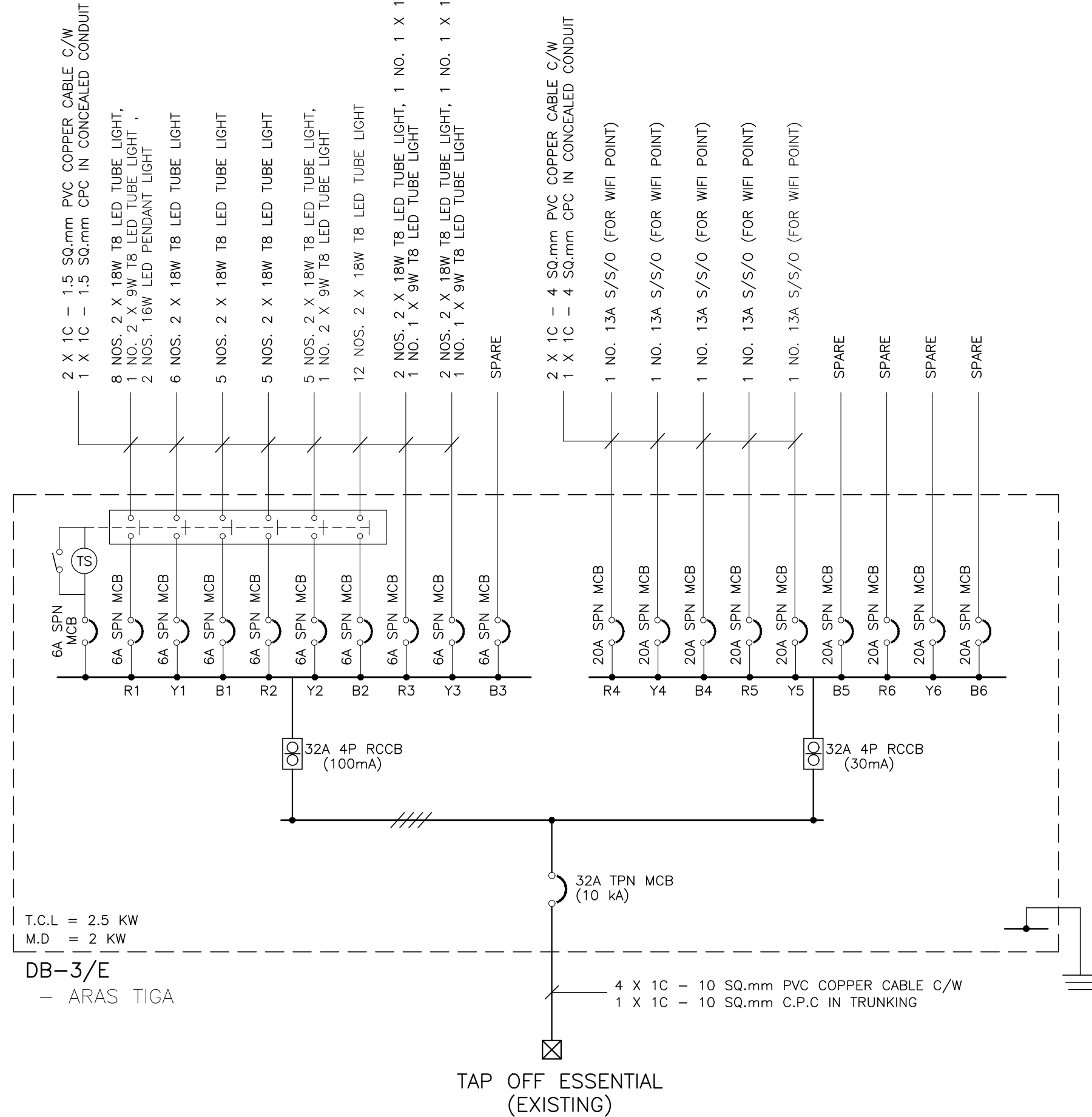
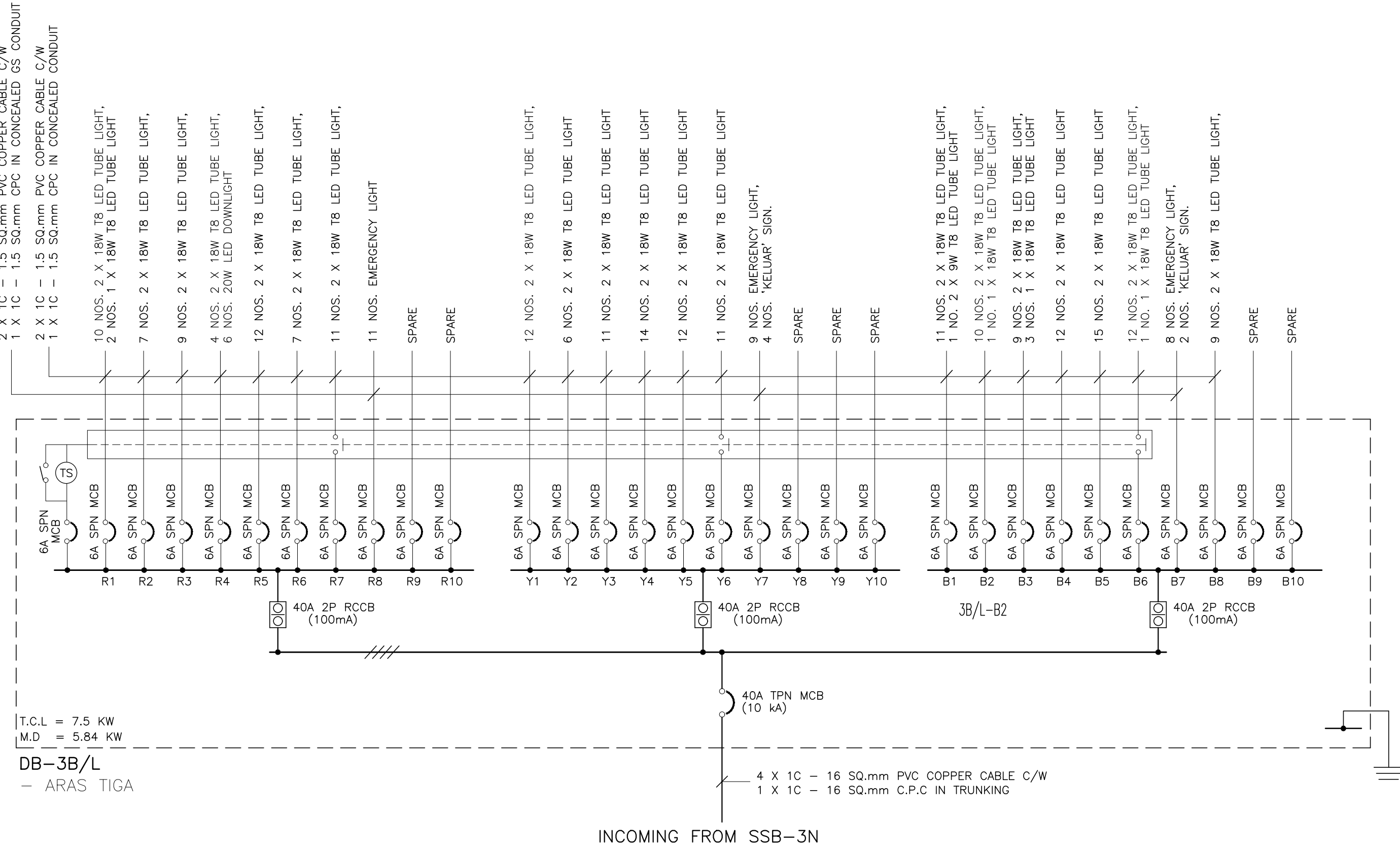
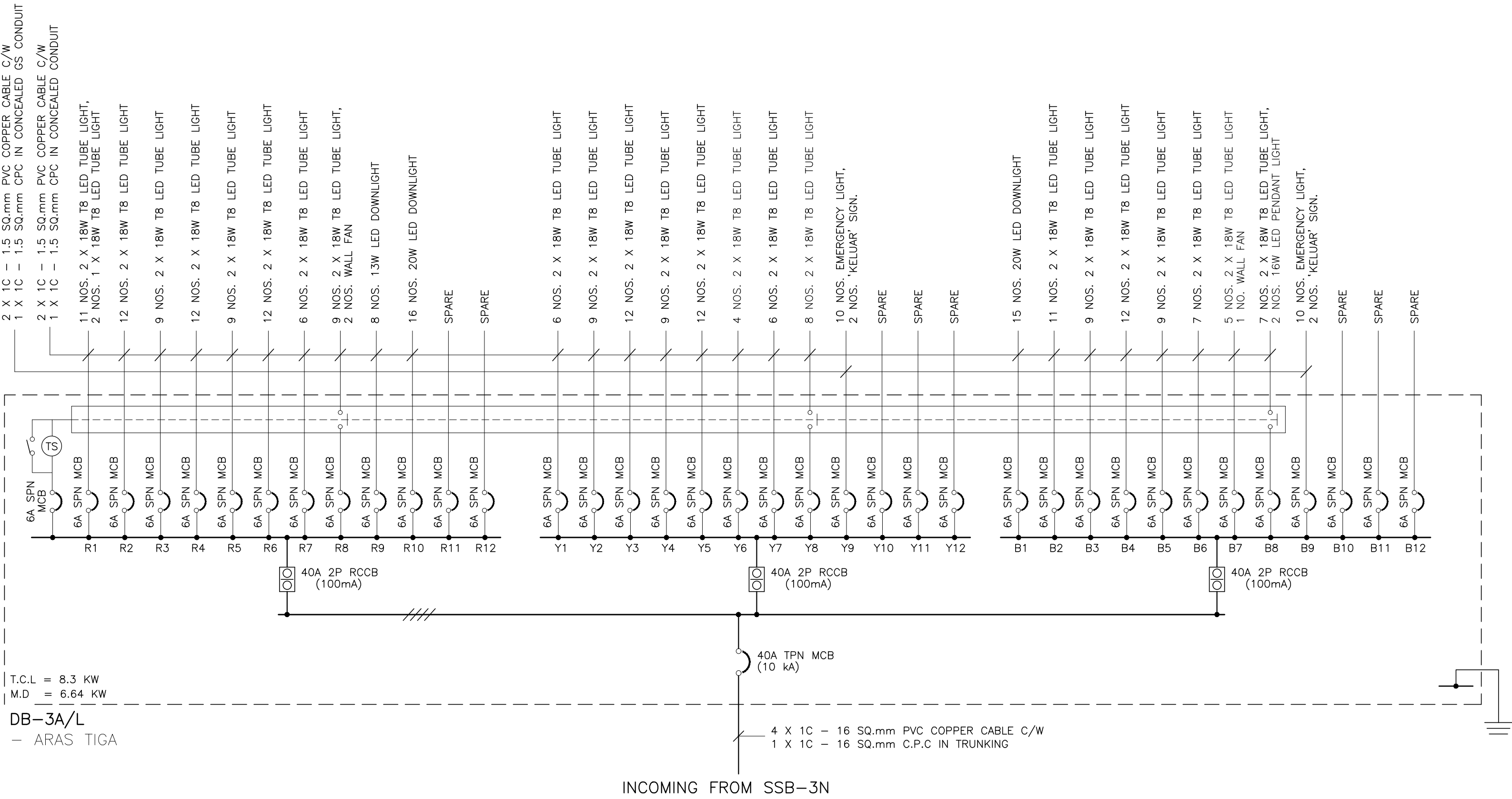

PERUNDING AL SHURA M&E SDN. BHD.
(REG. NO. : 201801014807 / (12)5873-W)
MECHANICAL & ELECTRICAL CONSULTING ENGINEERS
No. 314, JALAN INOBS, TAMAN DESA BAKTI, SELAYANG, 68100 KUALA LUMPUR
Tel : +605-4127-4615, E-mail : pacoem@gmail.com, pame.enr@gmail.com

TANDATANGAN

TAJUK LUKISAN :
ELECTRICAL SERVICES :

SCHEMATIC DIAGRAM NO. 3

TARIKH : MAC 2026	SKALA : A1=N.T.S A3=N.T.S
DILUKIS OLEH : FADIL/ZARIS	DISEMAK OLEH : IKHWAN/IZZAT
NO. KONTRAK : PAME/25-20/E/SCH-03	PINDAAN 00



NOTA :

PROJEK :
CADANGAN MENAIKTARAF SISTEM VOLTAN
RENDAH DAN KERJA-KERJA BERKAITAN
DI UNIVERSITI POLY-TECH
MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN	TARIKH	HURAIAN

PEMILIK :

MALIS AMANAH RAKYAT
BAHAGIAN STRUKTUR DAN SELENGKARAAN
TINGKAT 11, IBU PEJABAT MARA,
NO. 21 JALAN MARA,
50609 KUALA LUMPUR

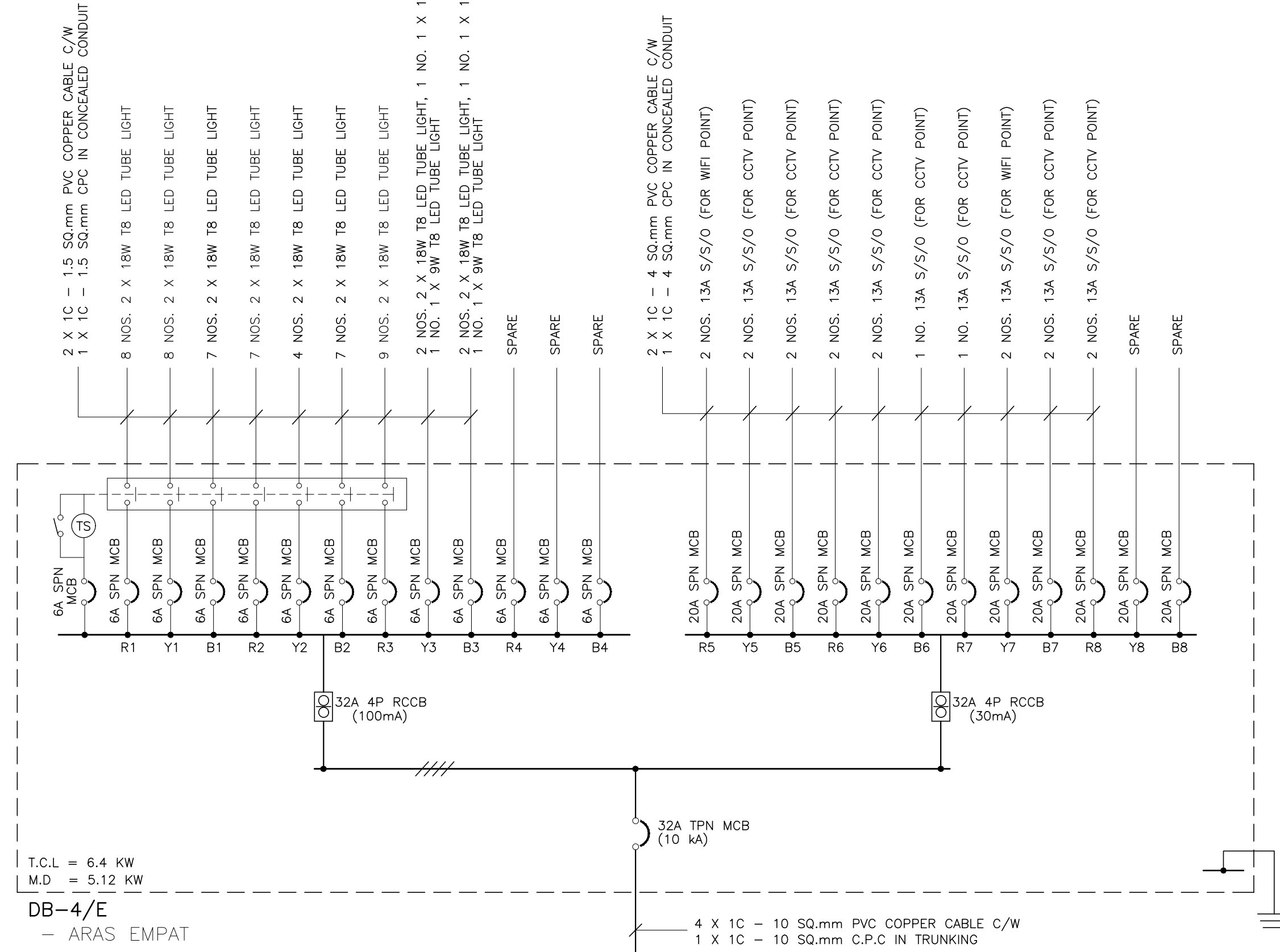
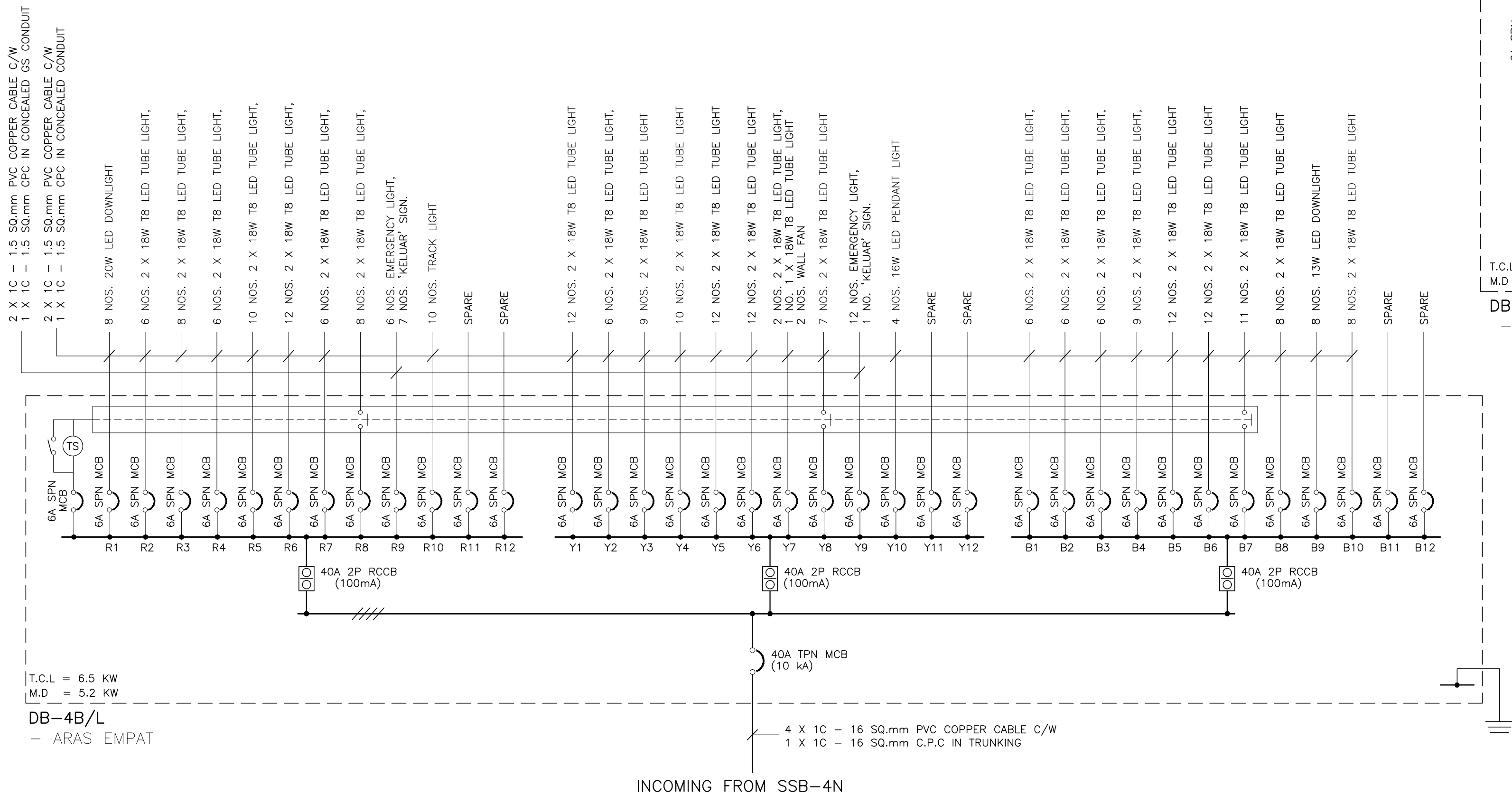
JURUTERA M&E :
PERUNDING AL SHURA M&E SDN. BHD.
(REG. NO. : 201801014807 (12/5873-W))
MECHANICAL & ELECTRICAL CONSULTING ENGINEERS
No. 314, JALAN INOBI, TAMAN DESA BAKTI, SELAYANG, 68100 KUALA LUMPUR
Tel : +605-4127-4615, E-mail : pacoem@gmail.com, pame.enr@gmail.com

TANDATANGAN

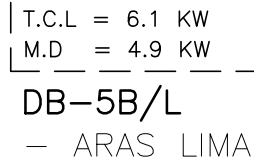
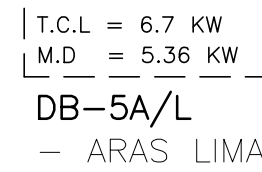
TAJUK LUKISAN :
ELECTRICAL SERVICES :

SCHEMATIC DIAGRAM NO. 4

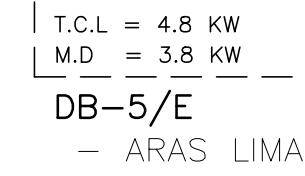
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DILUKIS OLEH : FADIL/ZARIS	DISEMAK OLEH : IKHWAN/IZZAT
NO. KONTRAK : PAME/25-20/E/SCH-04	PINDAAN 00



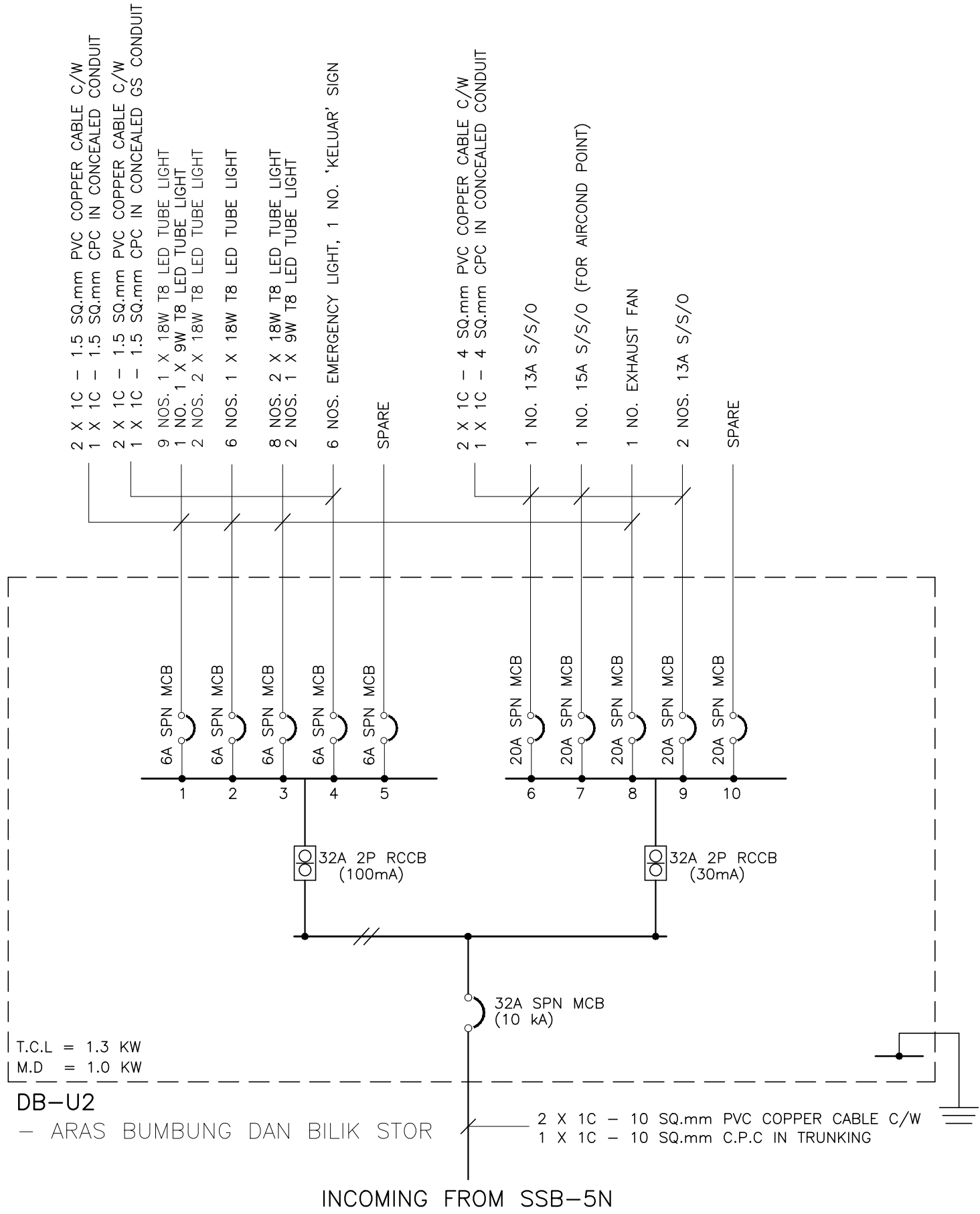
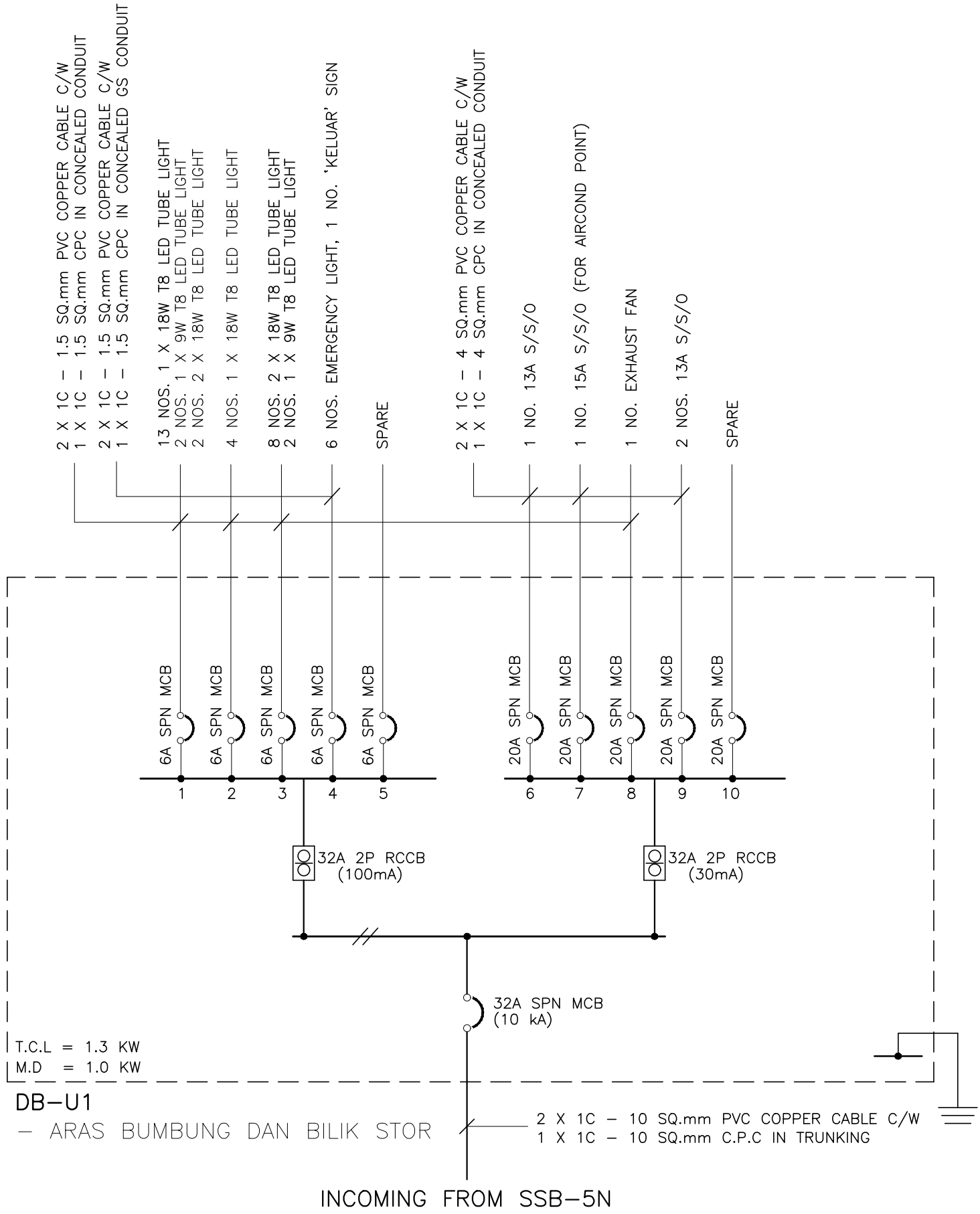
NO. LUKISAN : PAME/25-20/E/SCH-05	00
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4 X 1C - 16 SQ.mm PVC COPPER CABLE C/W
1 X 1C - 16 SQ.mm C.P.C IN TRUNKING



4 X 1C - 10 SQ.mm FR COPPER CABLE C/W
1 X 1C - 10 SQ.mm C.P.C IN TRUNKING



TENDER DRAWING

NOTA :

PROJEK :
CADANGAN MENAIKTARAF SISTEM VOLTAN RENDAH DAN KERJA-KERJA BERKAITAN DI UNIVERSITI POLY-TECH MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN	TARIKH	HURAIAN

PEMILIK :



MAMPU
BERSAMA SAMA MELAKSANAKAN TRANSFORMASI



MAMPU
BERSAMA SAMA MELAKSANAKAN TRANSFORMASI

MALIS AMANAH RAKYAT
BAHAGIAN BINAAN DAN SELENGGARAAN
TINGKAT 11, IBU PEJABAT MARA,
NO. 21 JALAN MARA,
50603 KUALA LUMPUR

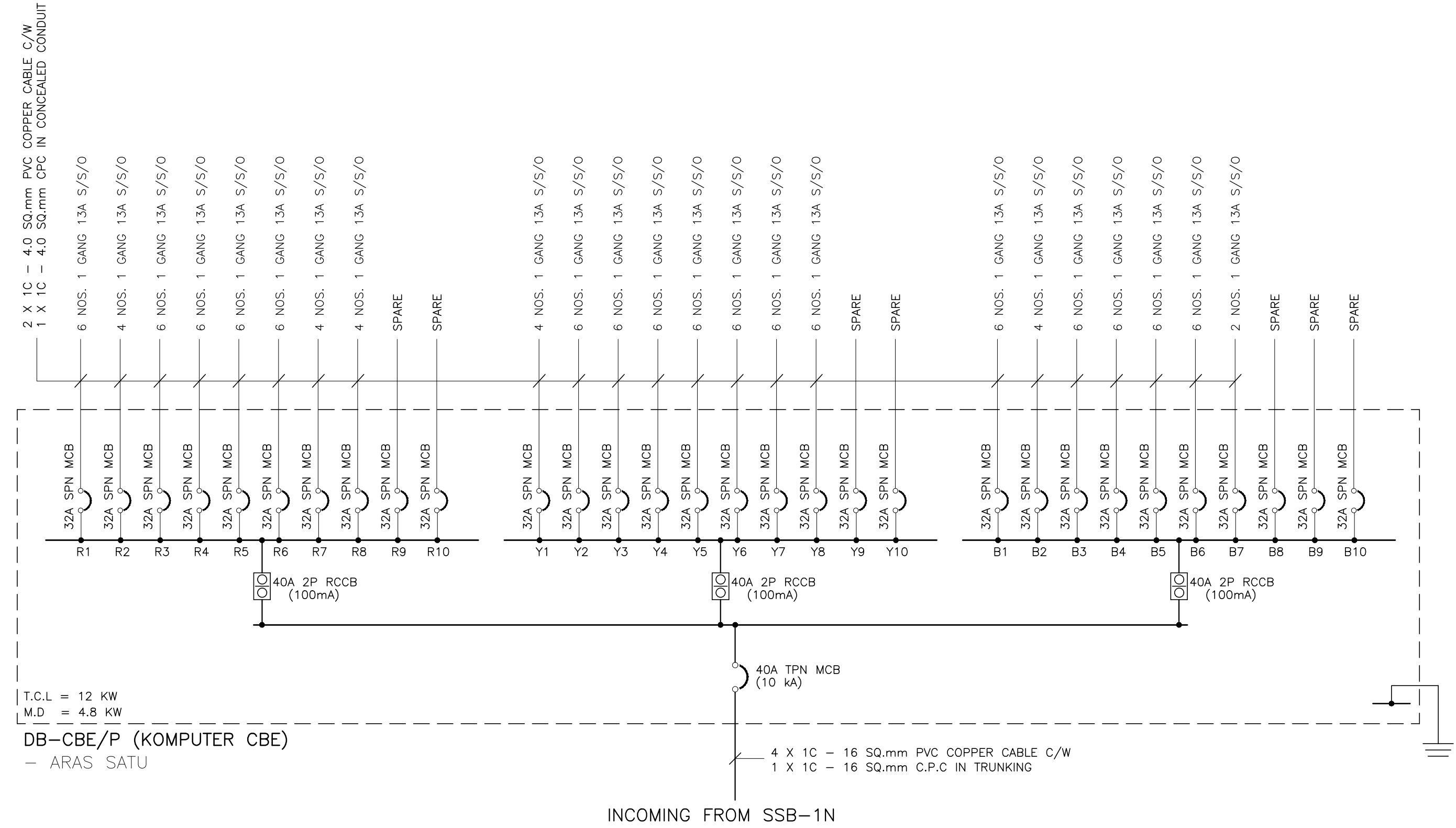
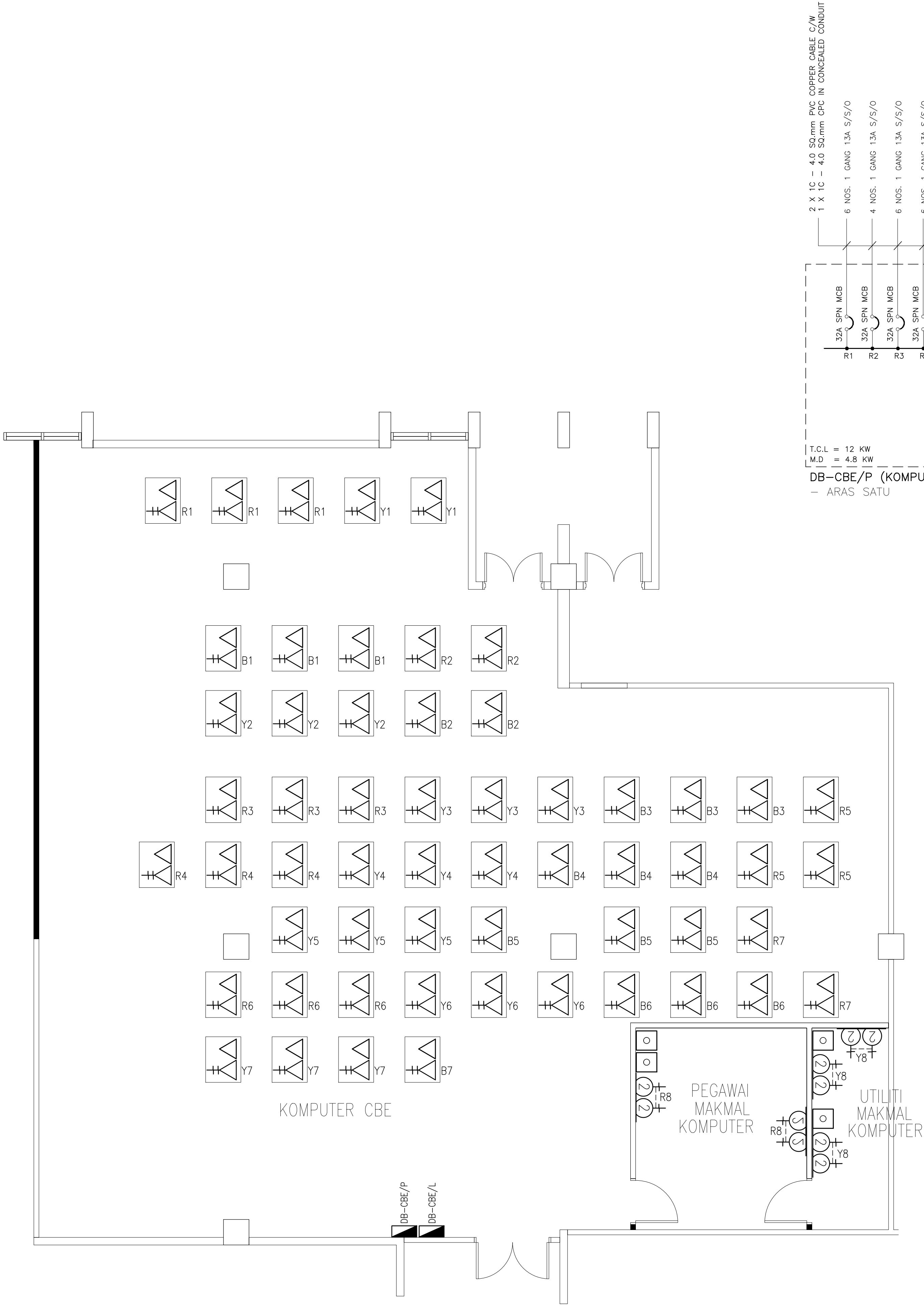
JURUTERA M&E :
**PERUNDING AL SHURA M&E SDN. BHD.**
(REG. NO. : 201801014897 (1219873-W))
MECHANICAL & ELECTRICAL CONSULTING ENGINEERS
No. 314, JALAN INOZ, TAMAN DESA BAKTI, SELAYANG, 68100 KUALA LUMPUR
Tel : +605-4127 4615 E-mail : pacoem@gmail.com, pame.enr@gmail.com

TANDATANGAN

TAJUK LUKISAN :
ELECTRICAL SERVICES :

SCHEMATIC DIAGRAM NO. 7

TARIKH : MAC 2026	SKALA : A1=N.T.S A3=N.T.S
DILUKIS OLEH : FADIL/ZARIS	DISEMAK OLEH : IKHWAN/IZZAT
NO. KONTRAK : PAME/25-20/E/SCH-07	PINDAAN 00



SCHMATIC DIAGRAM
N.T.S

NOTA :

PROJEK :

CADANGAN MENAIKTARAF SISTEM VOLTAN
RENDAH DAN KERJA-KERJA BERKAITAN
DI UNIVERSITI POLY-TECH
MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN	TARIKH	HURAIAN

PEMILIK :



MALIS AMANAH RAKYAT
BAHAGIAN ENJINER DAN SELENGGARAAN
TINGKAT 11, IBU PEJABAT MARA,
NO. 21 JALAN MARA,
50609 KUALA LUMPUR

JURUTERA M&E :



PERUNDING AL SHURA M&E SDN. BHD.
(REG. NO. : 201801014897 (12/5873-W))
MECHANICAL & ELECTRICAL CONSULTING ENGINEERS
No. 314, JALAN INOZ, TAMAN DESA BAKTI, SELAYANG, 68100 KUALA LUMPUR
Tel : +605-4127 4615, E-mail : pacerme@gmail.com, pame.enr@gmail.com

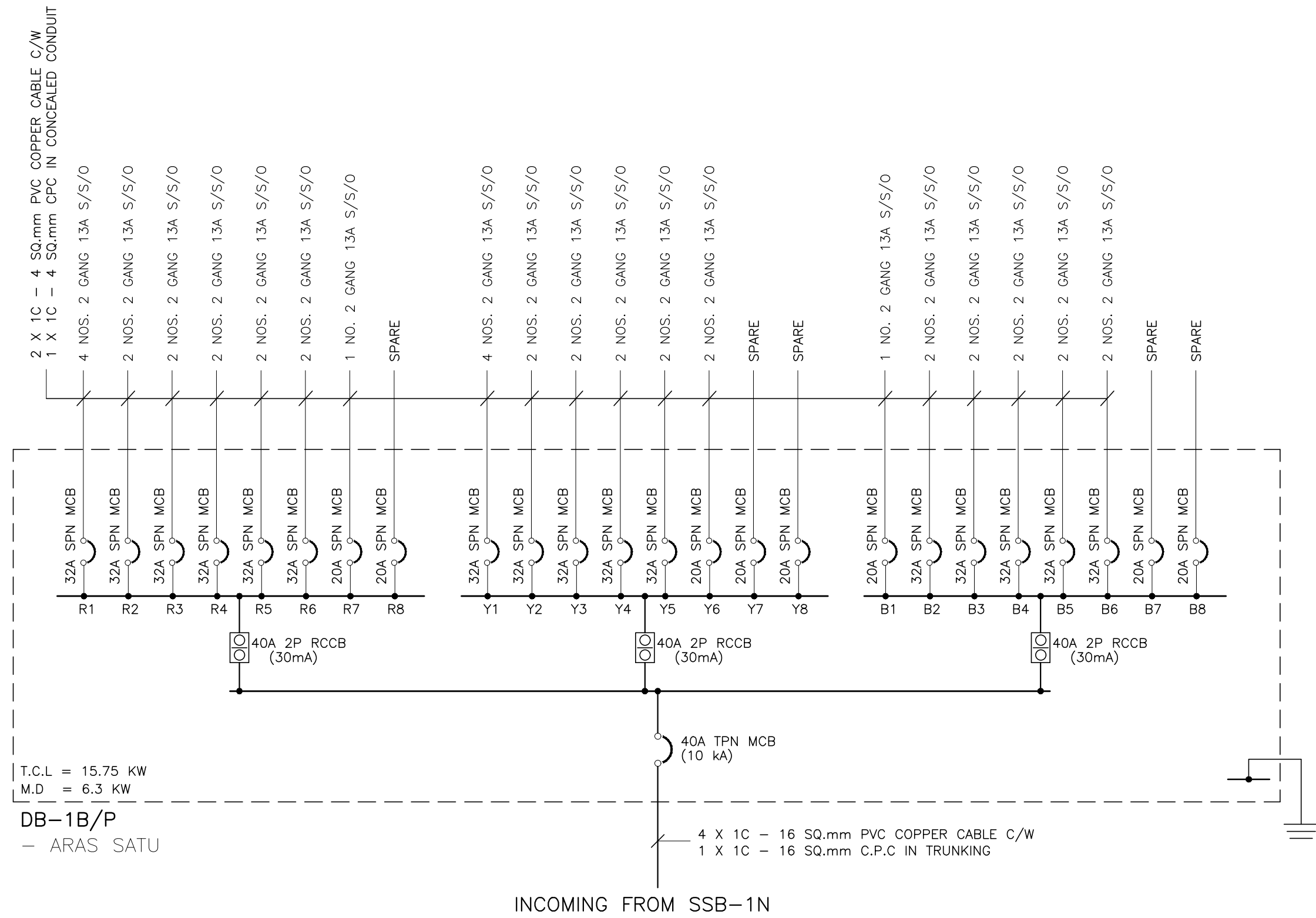
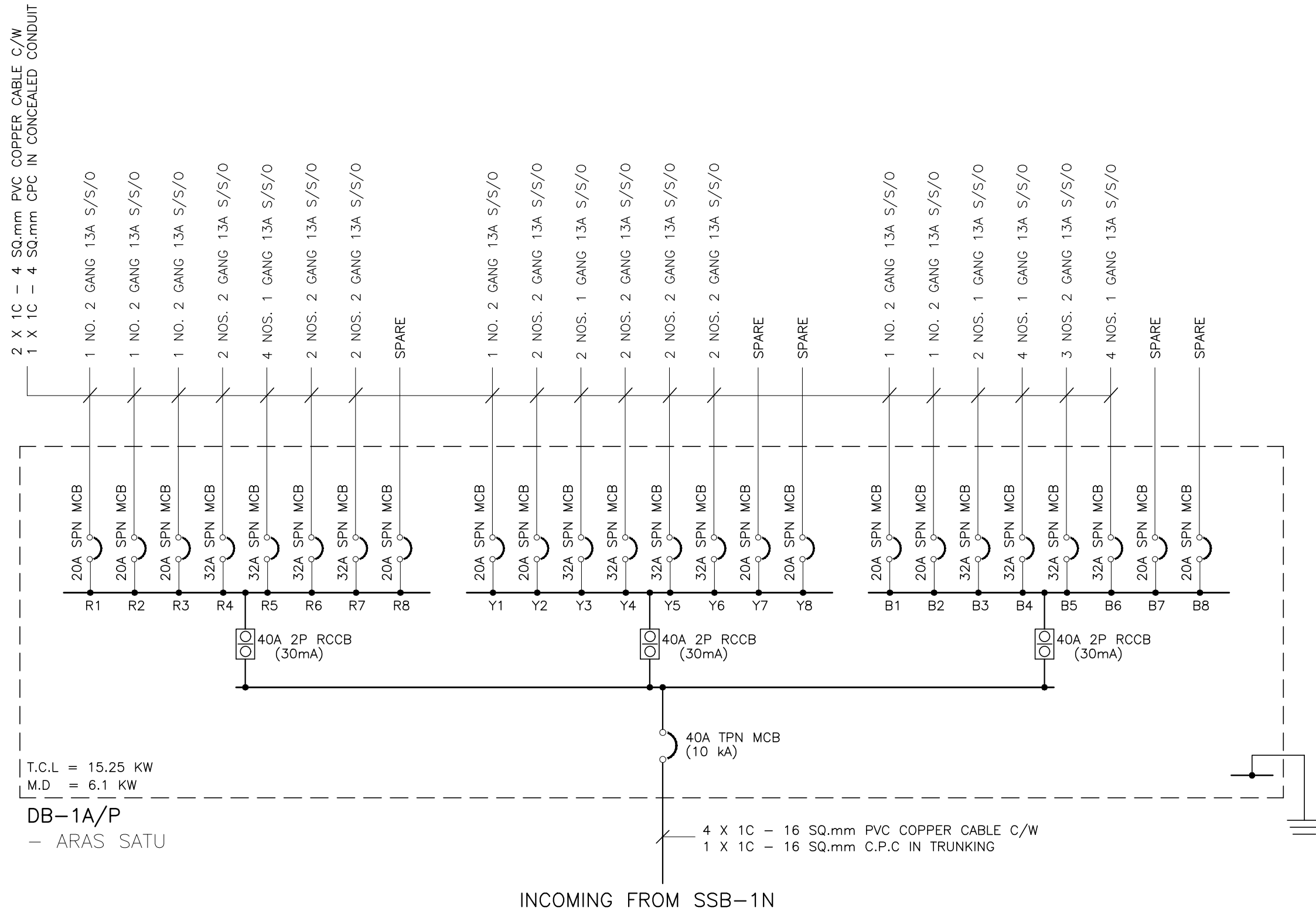
TANDATANGAN

TAJUK LUKISAN :
**ELECTRICAL SERVICES :
KOMPUTER CBE**

PELAN LANTAI & SCHEMATIC DIAGRAM NO. 1

TARIKH : MAC 2026	SKALA : A1=N.T.S A3=N.T.S
DILUKIS OLEH : ZARIS	DISEMAK OLEH : IKHWAN/JZZAT
NO. KONTRAK : PAME/25-20/E/SCH-08	PINDAAN 00

TENDER DRAWING



TENDER DRAWING

NOTA :		
PROJEK :		
CADANGAN MENAIKTARAF SISTEM VOLTAN RENDAH DAN KERJA-KERJA BERKAITAN DI UNIVERSITI POLY-TECH MALAYSIA (UPTM), KUALA LUMPUR		
PINDAAN	TARIKH	HURAIAN
PEMILIK :		
MALIS AMANAH RAKYAT BAHAGIAN ENJINER DAN SELENGGARAAN TINGKAT 11, IBU PEJABAT MARA, NO. 21 JALAN MARA, 50609 KUALA LUMPUR		
JURUTERA M&E : PERUNDING AL SHURA M&E SDN. BHD. (REG. NO. : 201801014807 (12/5873-W)) MECHANICAL & ELECTRICAL CONSULTING ENGINEERS No. 314, JALAN INOZ, TAMAN DESA BAKTI, SELAYANG, 68100 KUALA LUMPUR Tel : +605-4127 4615, E-mail : pacoem@gmail.com, pame.enr@gmail.com		
TANDATANGAN		
TAJUK LUKISAN : ELECTRICAL SERVICES :		
SCHEMATIC DIAGRAM NO. 2		
TARIKH : MAC 2026	SKALA : A1=N.T.S	A3=N.T.S
DILUKIS OLEH : ZARIS	DISEMAK OLEH : IKHWAN/IZZAT	
NO. KONTRAK : PAME/25-20/E/SCH-09		PINDAAN
NO. LUKISAN :		00



N.T.S



MAKMAL
KOMPUTER 14

MAKMAL
KOMPUTER 15

PROJEK :

CADANGAN MENAIKTARAF SISTEM VOLTAN
RENDAH DAN KERJA-KERJA BERKAITAN
DI UNIVERSITI POLY-TECH
MALAYSIA (UPTM), KUALA LUMPUR

PEMILIK :



MAJLIS AMANAH RAKYAT
BAHAGIAN BINAAN DAN SELENGGARAAN
TINGKAT 11, IBU PEJABAT MARA,
NO. 21 JALAN MARA,
50609 KUALA LUMPUR

JURUTERA M&E :

PERUNDING AL SHURA M&E SDN. BHD.
(REG. NO. : 201801014857 (T72873-W))

MECHANICAL & ELECTRICAL CONSULTING ENGINEERS

No. 31-1, JALAN 3A/2B, TAMAN DESA BAKTI, SELAYANG, 68100 KUALA LUMPUR
Tel : +603-6127 4613 E-mail : pacemne@gmail.com, pame.engr@gmail.com

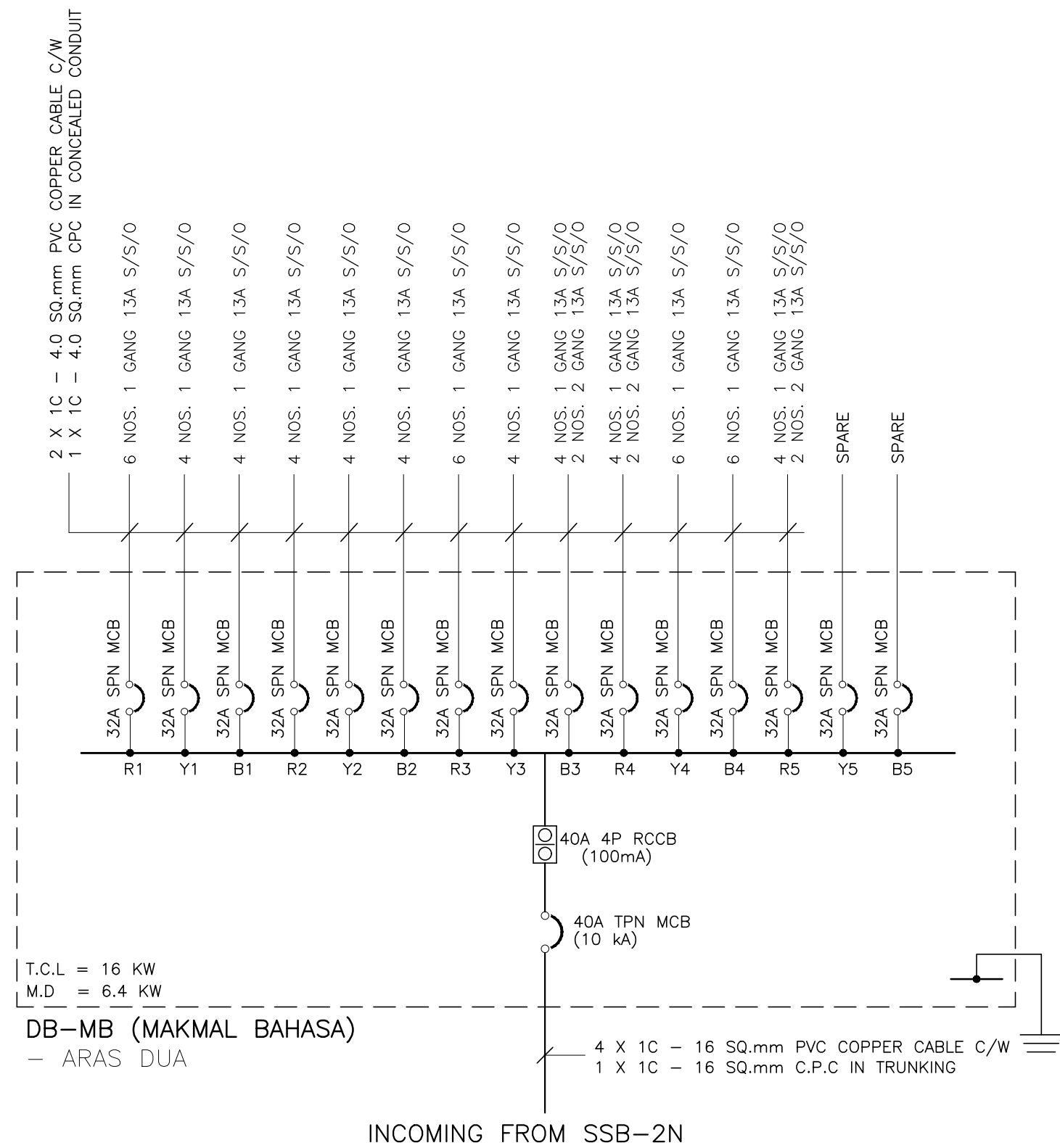
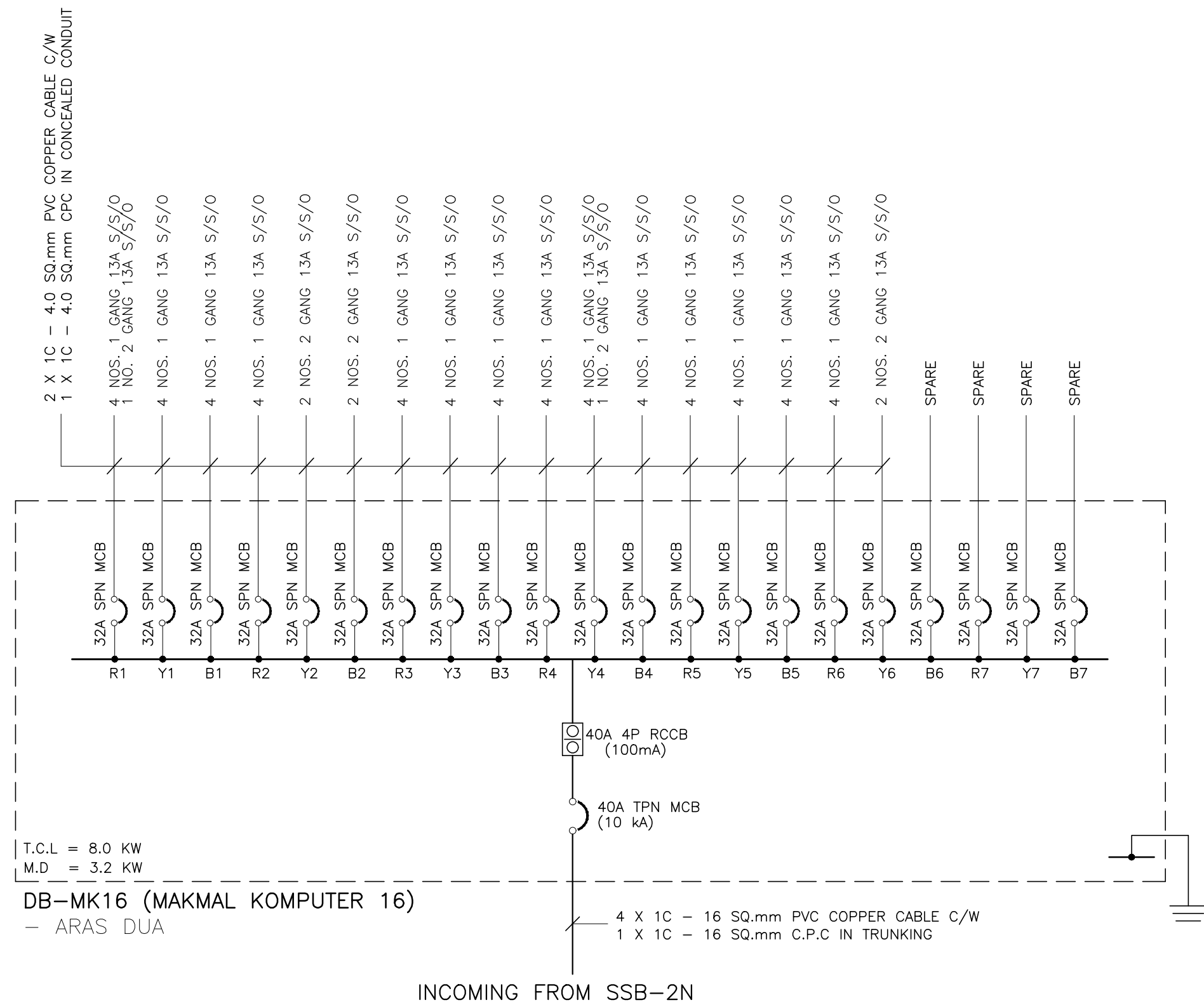
TANDATANGAN

TAJUK LUKISAN :
ELECTRICAL SERVICES :
MAKMAL KOMPUTER 13, 14 & 15

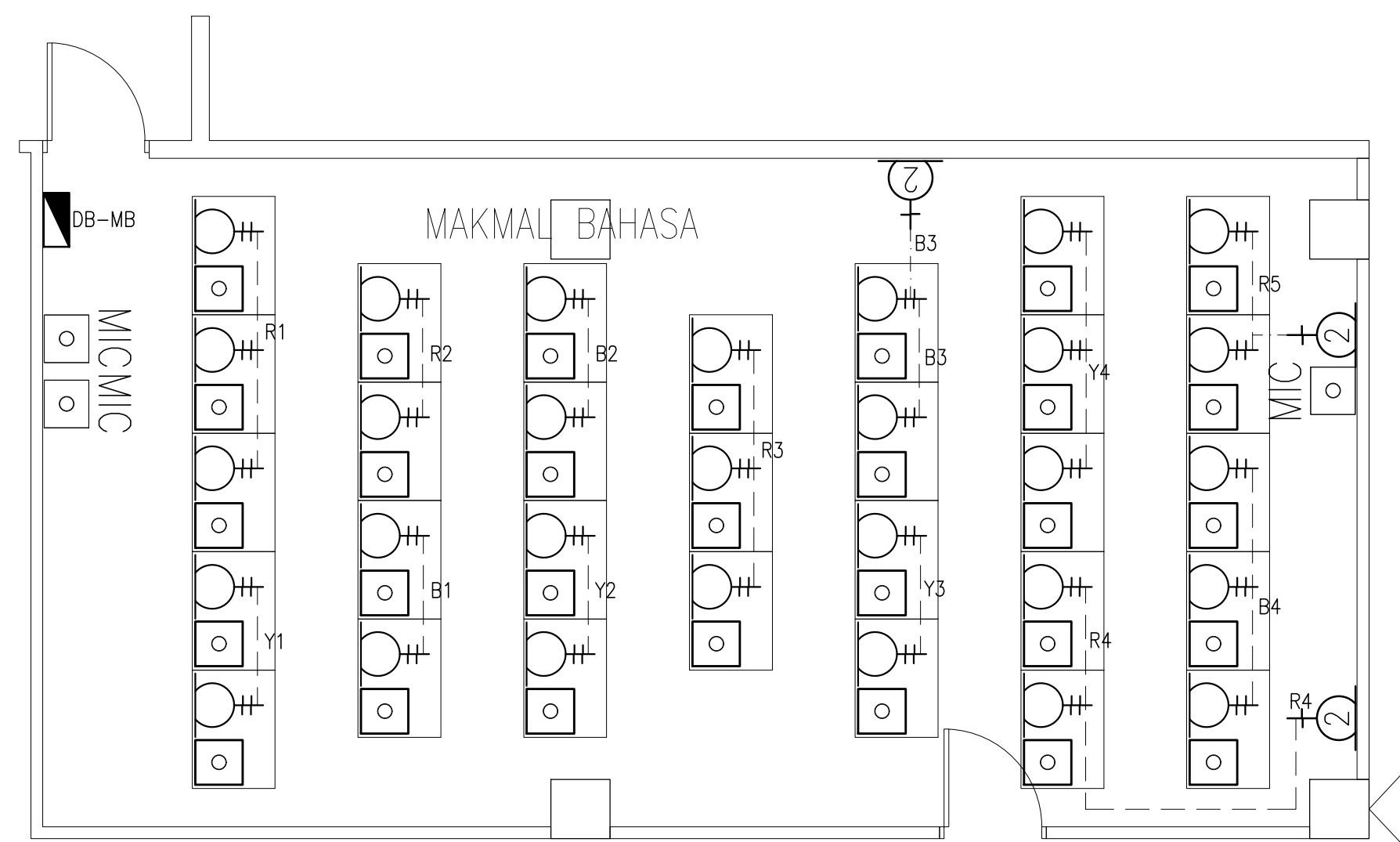
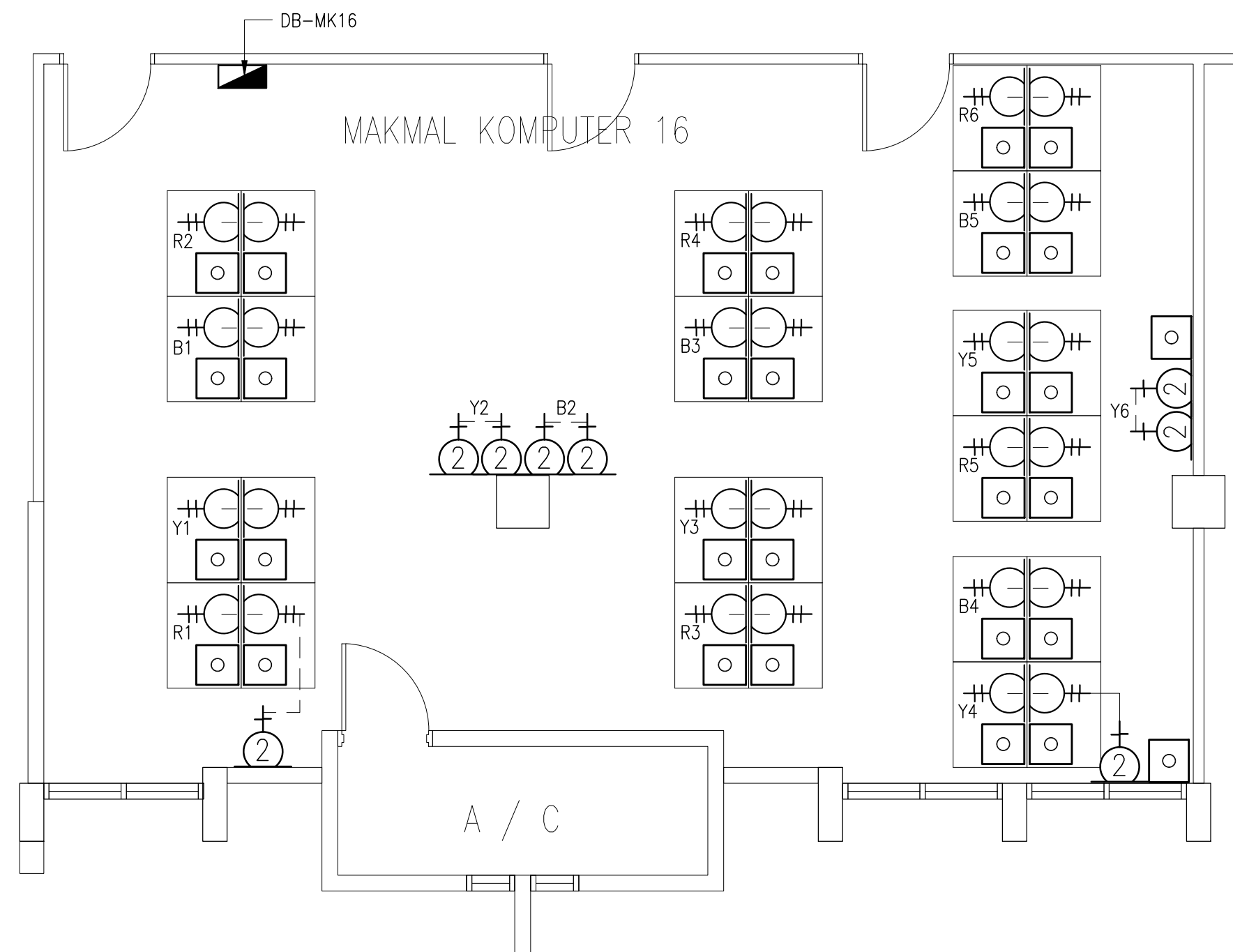
PELAN LANTAI & SCHEMATIC DIAGRAM NO. 3

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DILUKIS OLEH : ZARIS	DISEMAK OLEH : IKHWAN/IZZAT	
NO. KONTRAK :	PINDAAN	
NO. LUKISAN :		
PAME/25-20/E/SCH-10	00	

TENDER DRAWING

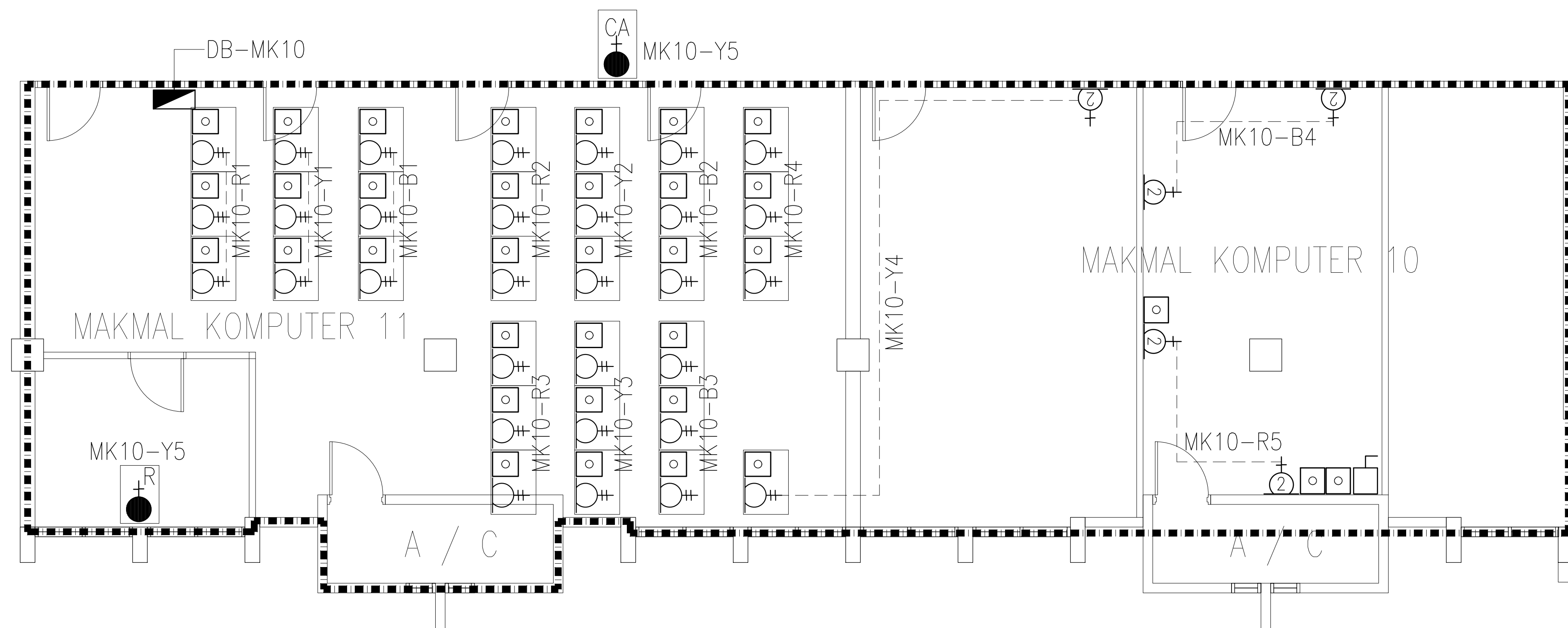
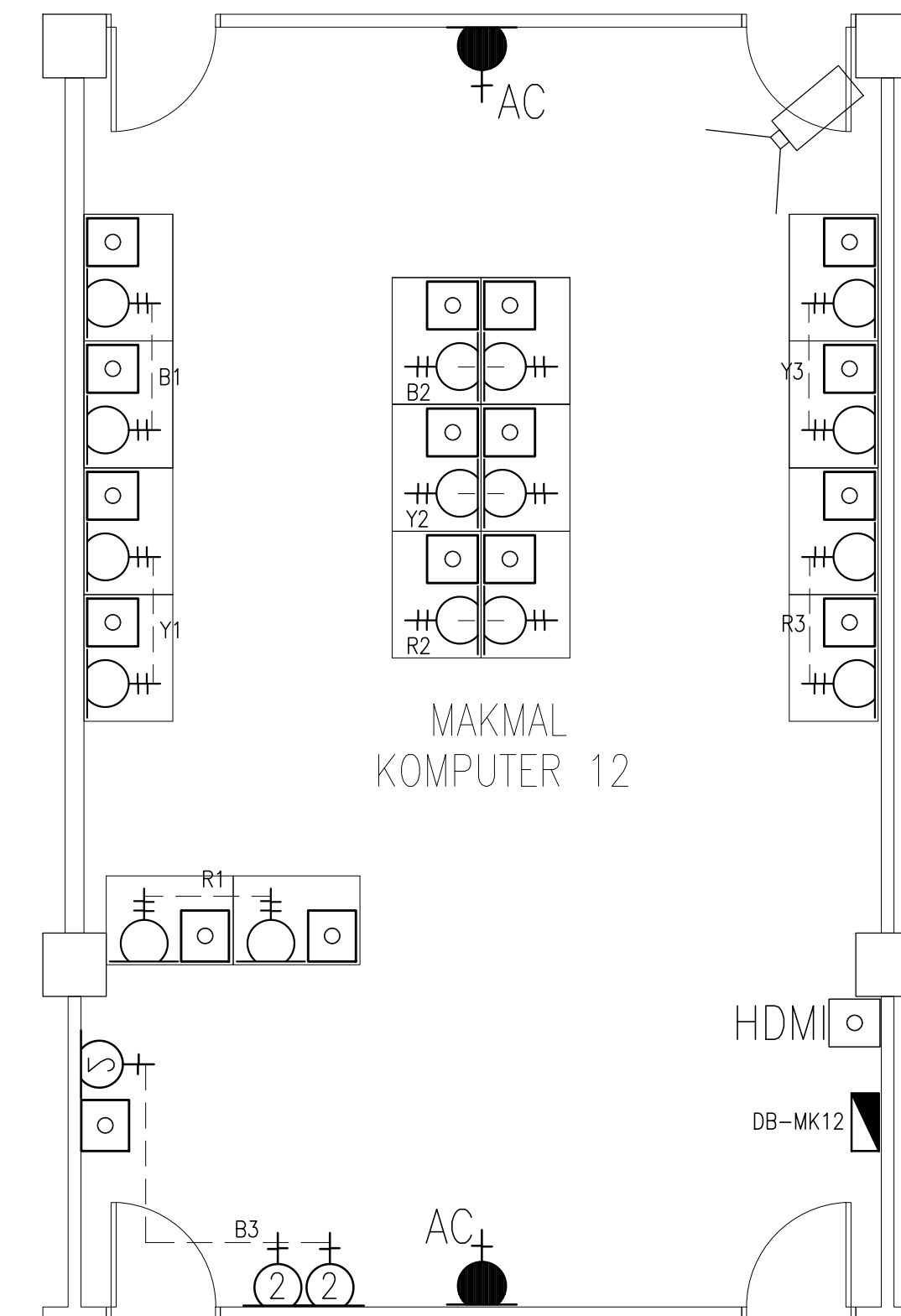
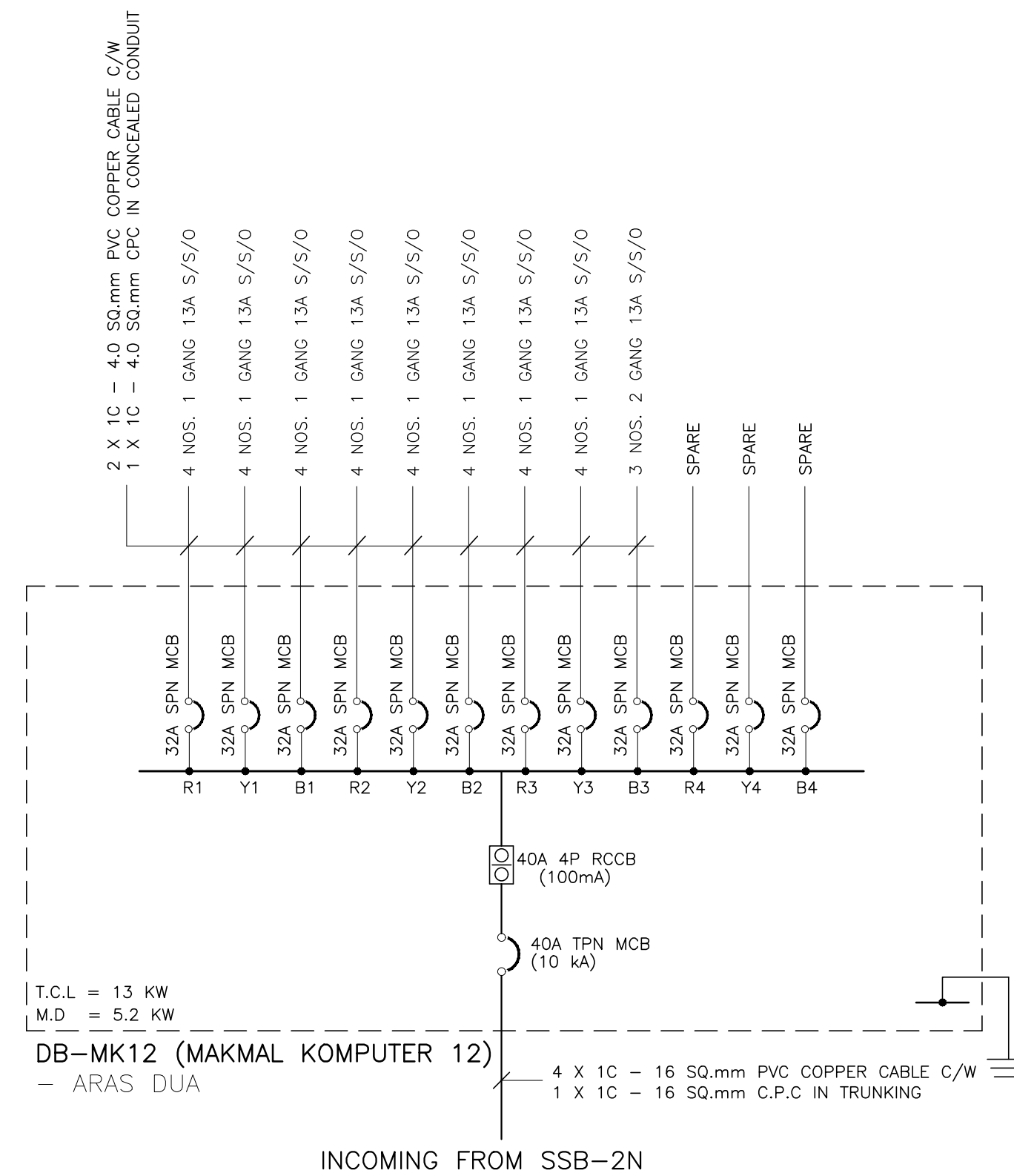
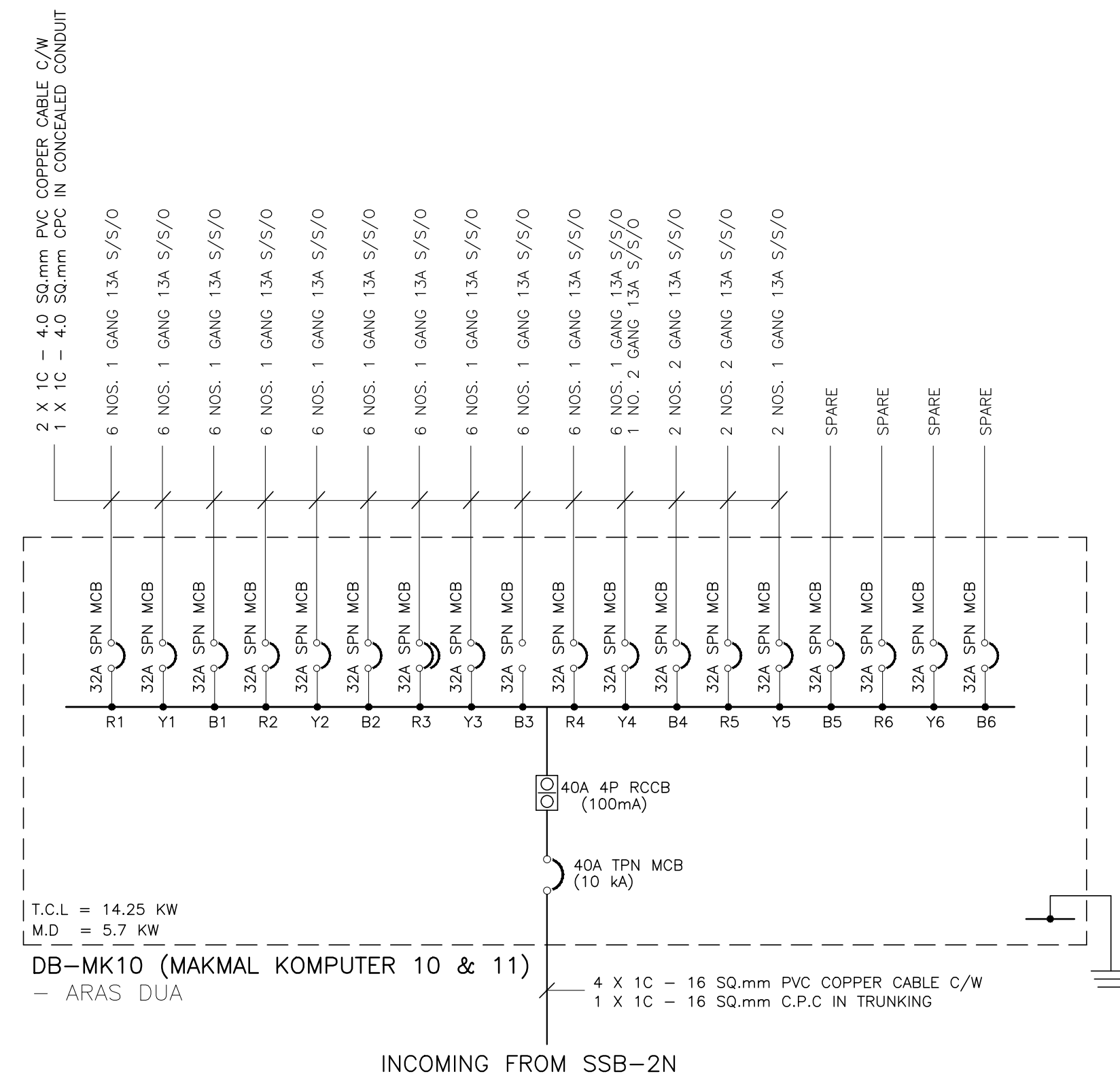


SCHEMATIC DIAGRAM
N.T.S



TENDER DRAWING

NOTA :		
PROJEK :		
CADANGAN MENAIKTARAF SISTEM VOLTAN RENDAH DAN KERJA-KERJA BERKAITAN DI UNIVERSITI POLY-TECH MALAYSIA (UPTM), KUALA LUMPUR		
PINDAAN	TARIKH	HURAIAN
PEMILIK :		
 MAJLIS AMANAH RAKYAT BAHAGIAN SIKAP DAN SELENGGARAAN TINGKAT 11, IBU PEJABAT MARA, NO. 21 JALAN MARA, 50603 KUALA LUMPUR		
JURUTERA M&E :  PERUNDING AL SHURA M&E SDN. BHD. (REG. NO. : 201801014857 (12/5873-W)) MECHANICAL & ELECTRICAL CONSULTING ENGINEERS No. 314, JALAN INOZ, TAMAN DESA BAKTI, SELAYANG, 68100 KUALA LUMPUR Tel : +605-4127-4615, E-mail : pacoem@gmail.com, pame.enr@gmail.com		
TANDATANGAN		
TAJUK LUKISAN : ELECTRICAL SERVICES : MAKMAL KOMPUTER 16 & MAKMAL BAHASA PELAN LANTAI & SCHEMATIC DIAGRAM NO. 4		
TARIKH : MAC 2026	SKALA : A1=N.T.S	A3=N.T.S
DILUKIS OLEH : ZARIS	DISEMAK OLEH : IKHWAN/IZZAT	
NO. KONTRAK : NO. LUKISAN : PAME/25-20/E/SCH-11		PINDAAN 00



TENDER DRAWING

NOTA :

PROJEK :

CADANGAN MENAIKtarAF SISTEM VOLTAN
RENDAH DAN KERJA-KERJA BERKAITAN
DI UNIVERSITI POLY-TECH
MALAYSIA (UPTM), KUALA LUMPUR

[illegible]

PEMILIK :



MAJLIS AMANAH RAKYAT
BAHAGIAN BINAAN DAN SELENGGARAAN
TINGKAT 11, IBU PEJABAT MARA,
NO. 21 JALAN MARA,
50609 KUALA LUMPUR

JURUTERA M&E :

PERUNDING AL SHURA M&E SDN. BHD.

(REG. NO. : 201801014857 (T278873-W))

MECHANICAL & ELECTRICAL CONSULTING ENGINEERS

No. 31-1, JALAN 3A/2B, TAMAN DESA BAKTI, SELAYANG, 68100 KUALA LUMPUR

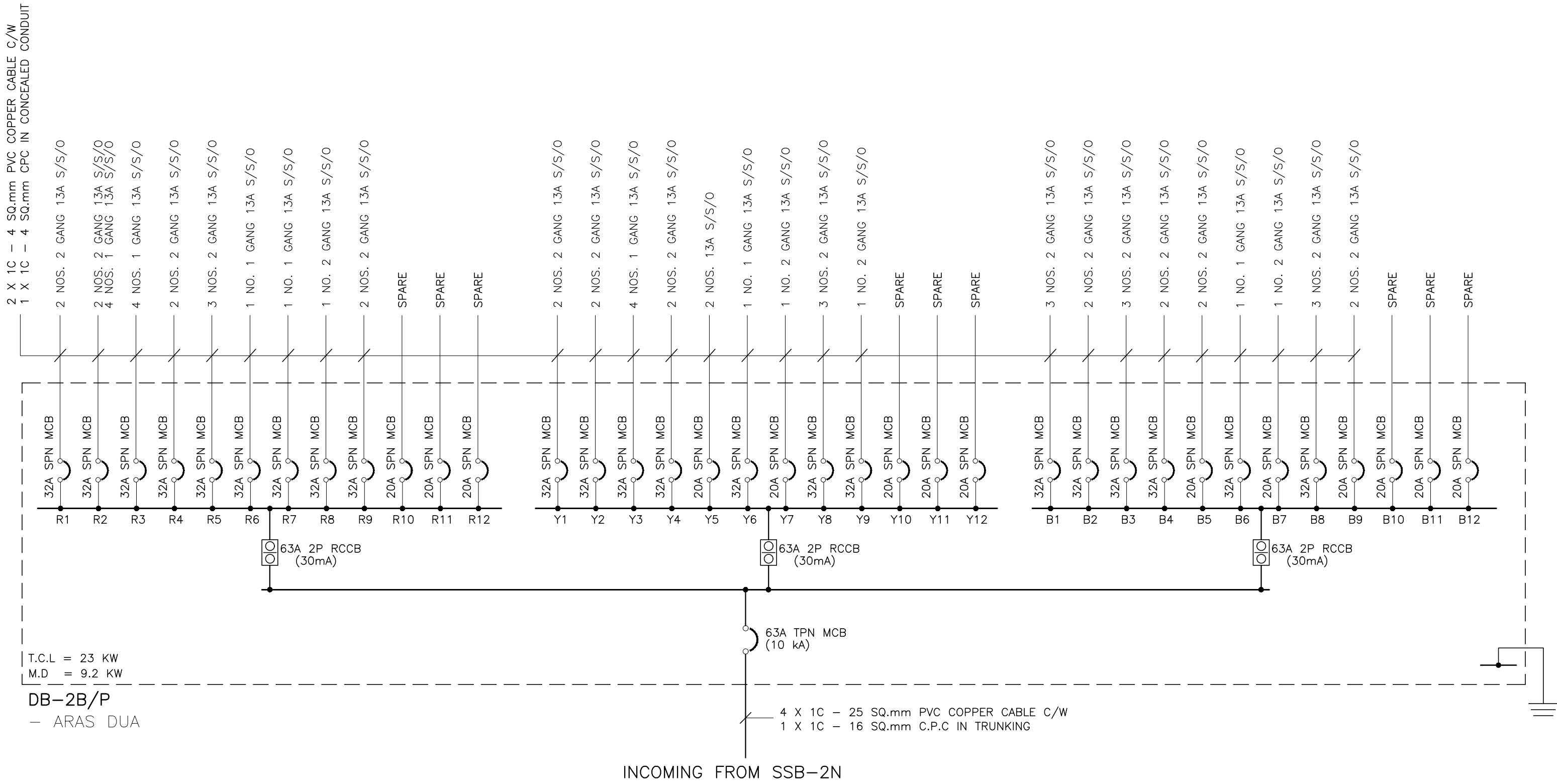
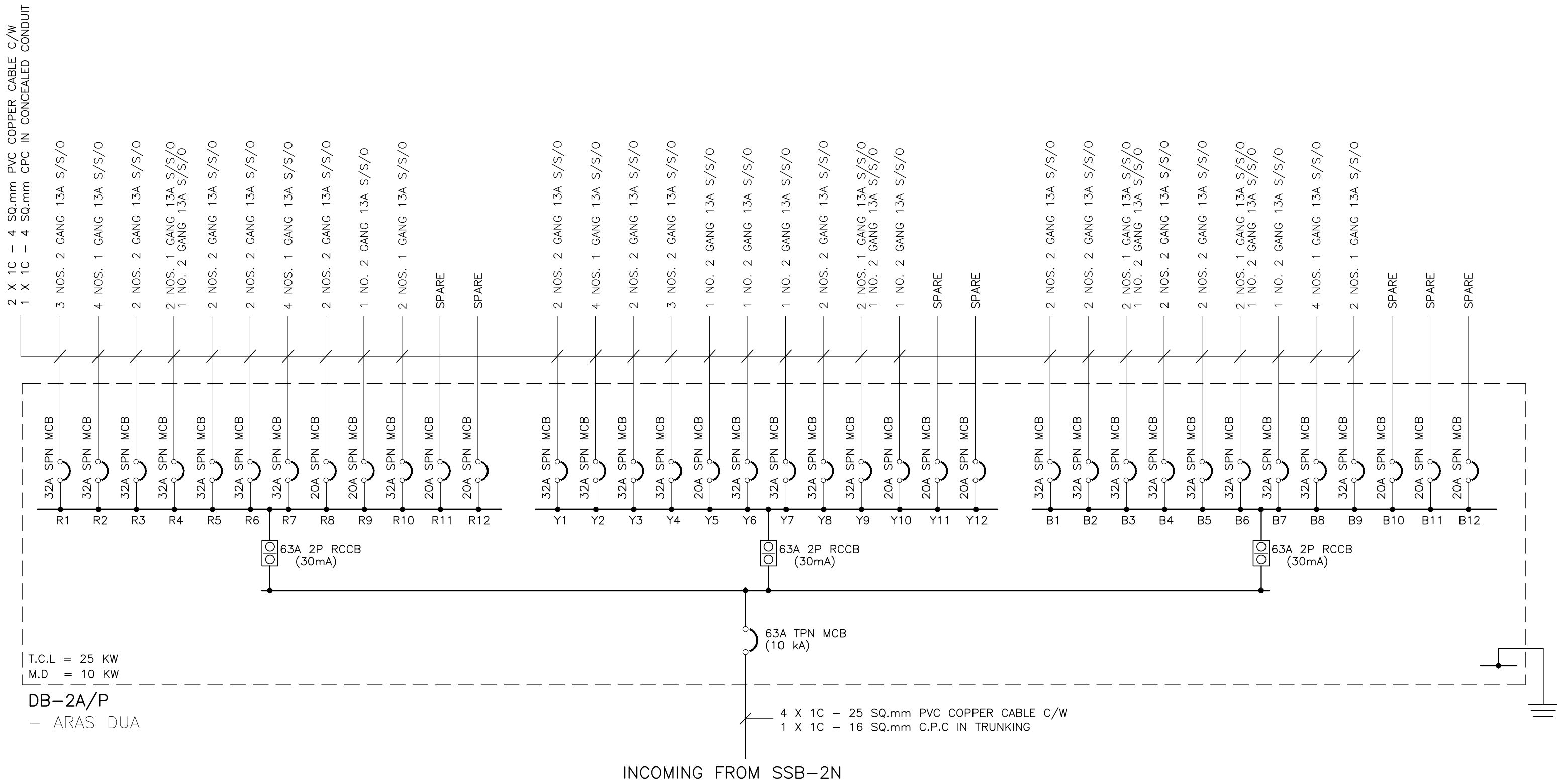
Tel : +603-6127 4263 E-mail : pacemne@gmail.com, pame.engr@gmail.com

TANDATANGAN

TAJUK LUKISAN :
ELECTRICAL SERVICES :
KOMPUTER 10, 11 & 12

PELAN LANTAI & SCHEMATIC DIAGRAM NO. 5

TARIKH : MAC 2026	SKALA : A1=N.T.S	A3=N.T.S
DILUKIS OLEH : ZARIS	DISEMAK OLEH : IKHWAN/IZZAT	
NO. KONTRAK :		PINDAAN
NO. LUKISAN : PAME/25-20/E/SCH-12		00



TENDER DRAWING

NOTA :

PROJEK :

CADANGAN MENAIKTARAF SISTEM VOLTAN
RENDAH DAN KERJA-KERJA BERKAITAN
DI UNIVERSITI POLY-TECH
MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN	TARIKH	HURAIAN

PEMILIK :

MALIS AMANAH RAKYAT
BAHAGIAN STRUKTUR DAN SELENGGARAAN
TINGKAT 11, IBU PEJABAT MARA,
NO. 21 JALAN MARA,
50603 KUALA LUMPUR

JURUTERA M&E :

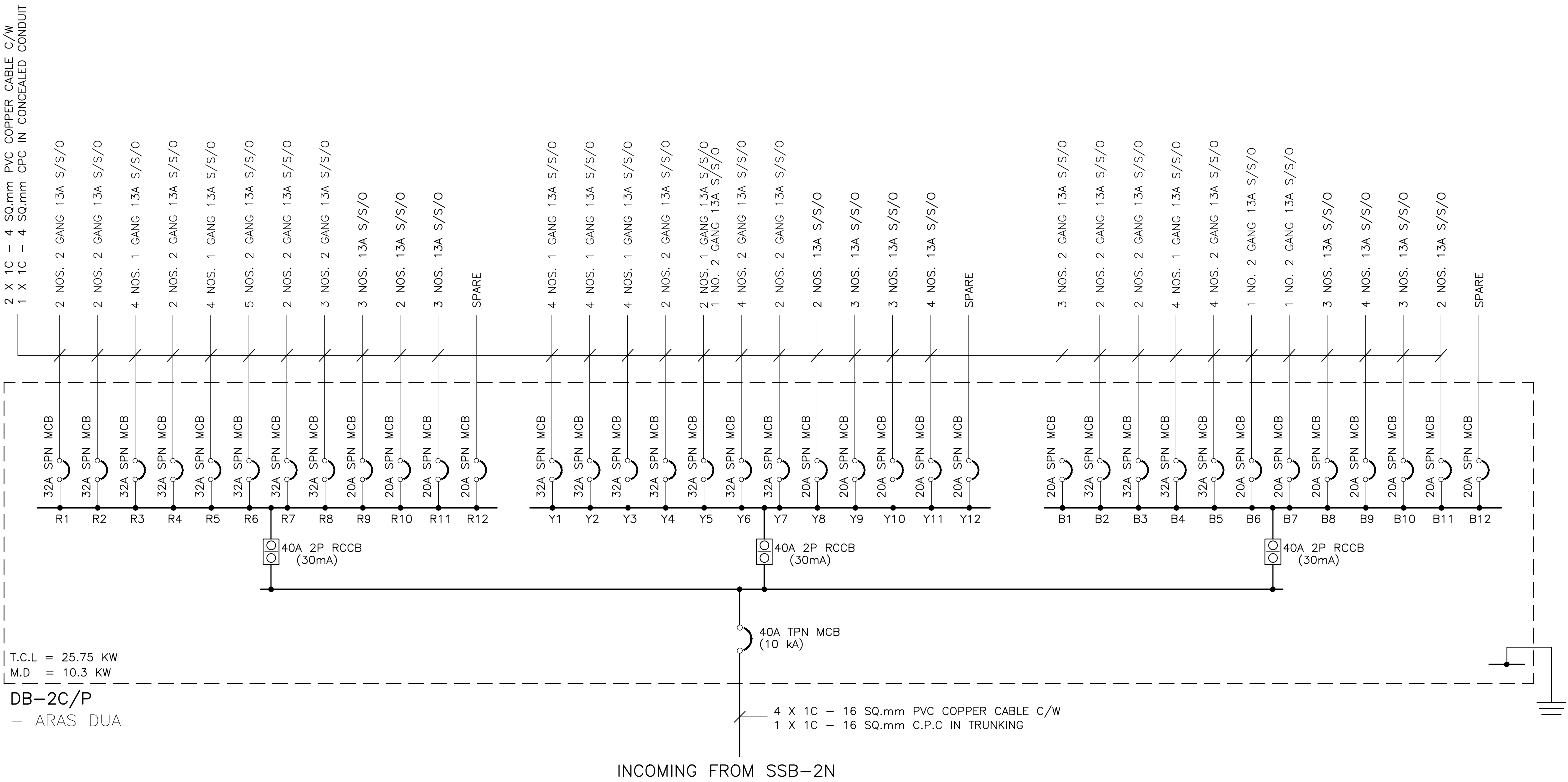
PERUNDING AL SHURA M&E SDN. BHD.
(REG. NO. : 201801014807 (12/5873-W))
MECHANICAL & ELECTRICAL CONSULTING ENGINEERS
No. 314, JALAN INOZ, TAMAN DESA BAKTI, SELAYANG, 68100 KUALA LUMPUR
Tel : +606-4127 4615, E-mail : p.alcorne@gmail.com, p.alcorne@gmail.com

TANDATANGAN

TAJUK LUKISAN :
ELECTRICAL SERVICES :

SCHEMATIC DIAGRAM NO. 6

TARIKH : MAC 2026	SKALA : A1=N.T.S	A3=N.T.S
DILUKIS OLEH : ZARIS	DISEMAK OLEH : IKHWAN/IZZAT	
NO. KONTRAK : PAME/25-20/E/SCH-13		PINDAAN 00



TENDER DRAWING

NOTA :

PROJEK :

CADANGAN MENAIKTARAF SISTEM VOLTAN
RENDAH DAN KERJA-KERJA BERKAITAN
DI UNIVERSITI POLY-TECH
MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN	TARIKH	HURAIAN

PEMILIK :



MAJLIS AMANAH RAKYAT
BAHAGIAN BINAAN DAN SELENGGARAAN
TINGKAT 11, IBU PEJABAT MARA,
NO. 21 JALAN MARA,
50609 KUALA LUMPUR

JURUTERA M&E :

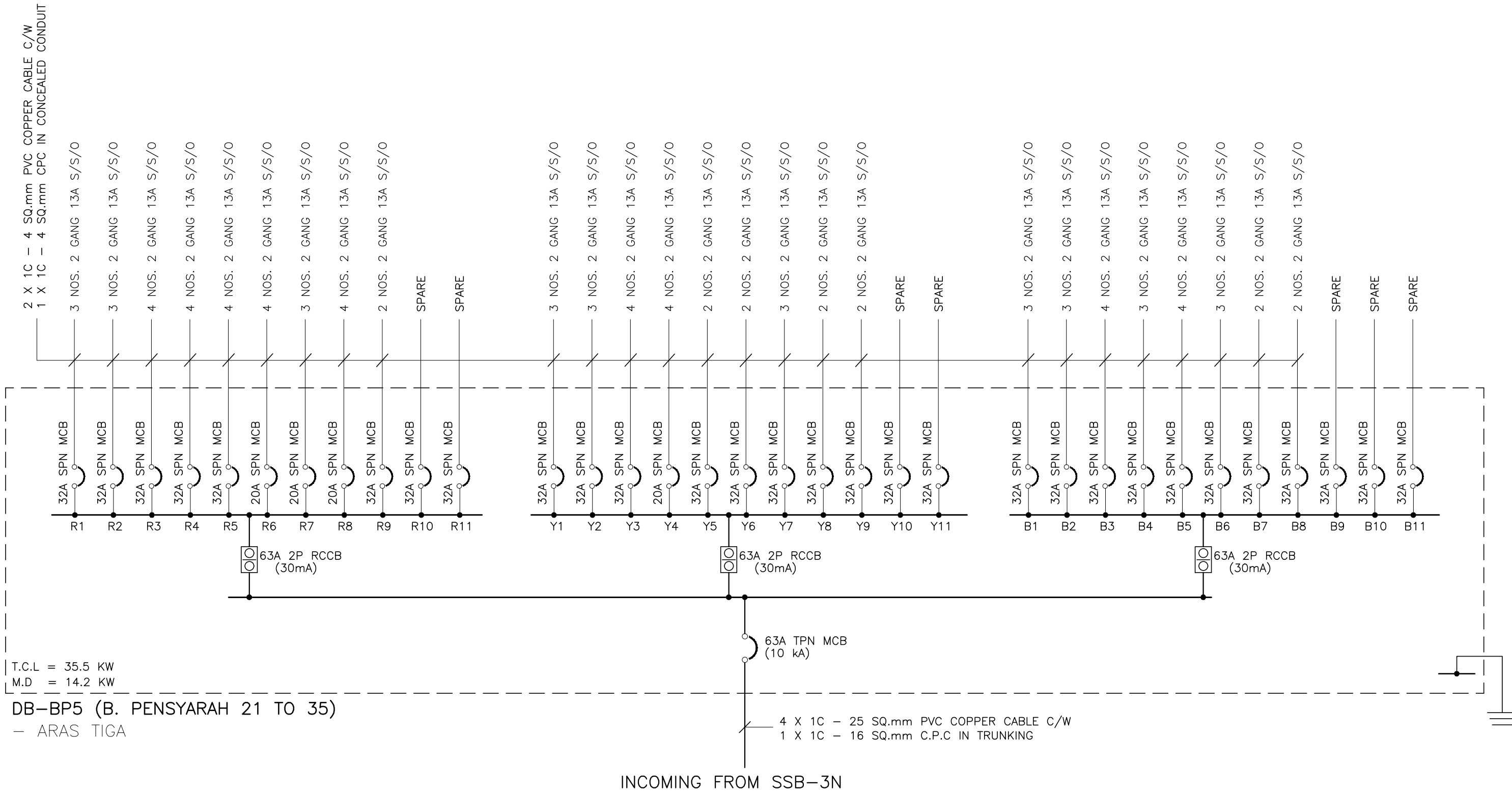
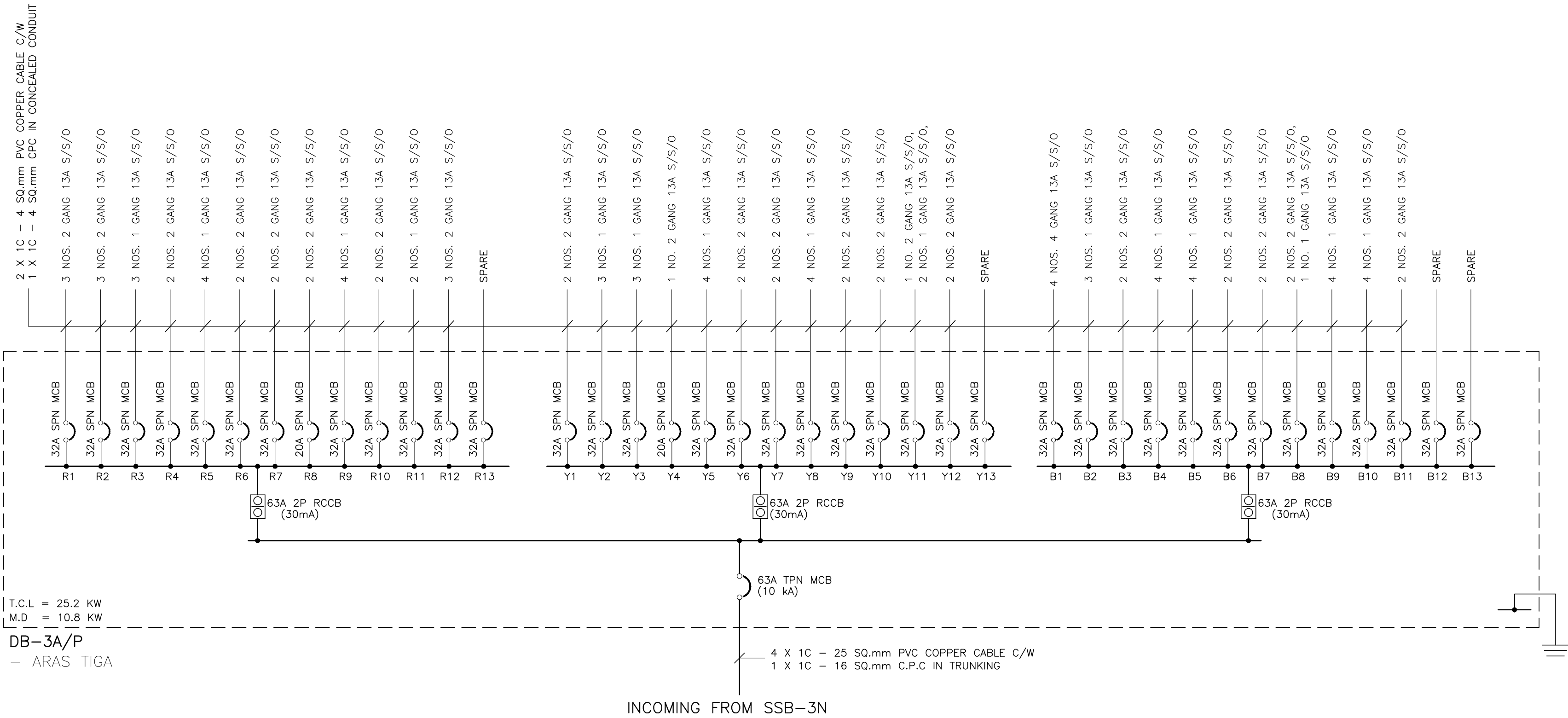

PERUNDING AL SHURA M&E SDN. BHD.
(REG. NO. : 201801014897 (1219873-W))
MECHANICAL & ELECTRICAL CONSULTING ENGINEERS
No. 31-1, JALAN INOZ, TAMAN DESA BAKTI, SELAYANG, 68100 KUALA LUMPUR
Tel : +605-4127 4615 E-mail : pacerme@gmail.com, pame.enr@gmail.com

TANDATANGAN

TAJUK LUKISAN :
ELECTRICAL SERVICES :

SCHEMATIC DIAGRAM NO. 7

TARIKH : MAC 2026	SKALA : A1=N.T.S A3=N.T.S
DILUKIS OLEH : ZARIS	DISEMAK OLEH : IKHWAN/IZZAT
NO. KONTRAK : NO. LUKISAN : PAME/25-20/E/SCH-14	PINDAAN 00



TENDER DRAWING

NOTA :

PROJEK :

CADANGAN MENAIKTARAF SISTEM VOLTAN
RENDAH DAN KERJA-KERJA BERKAITAN
DI UNIVERSITI POLY-TECH
MALAYSIA (UPTM), KUALA LUMPUR

PINDAAN	TARIKH	HURAIAN

PEMILIK :

MALIS AMANAH RAKYAT
BAHAGIAN STRUKTUR DAN SELENGGARAAN
TINGKAT 11, IBU PEJABAT MARA,
NO. 21 JALAN MARA,
50603 KUALA LUMPUR

JURUTERA M&E :

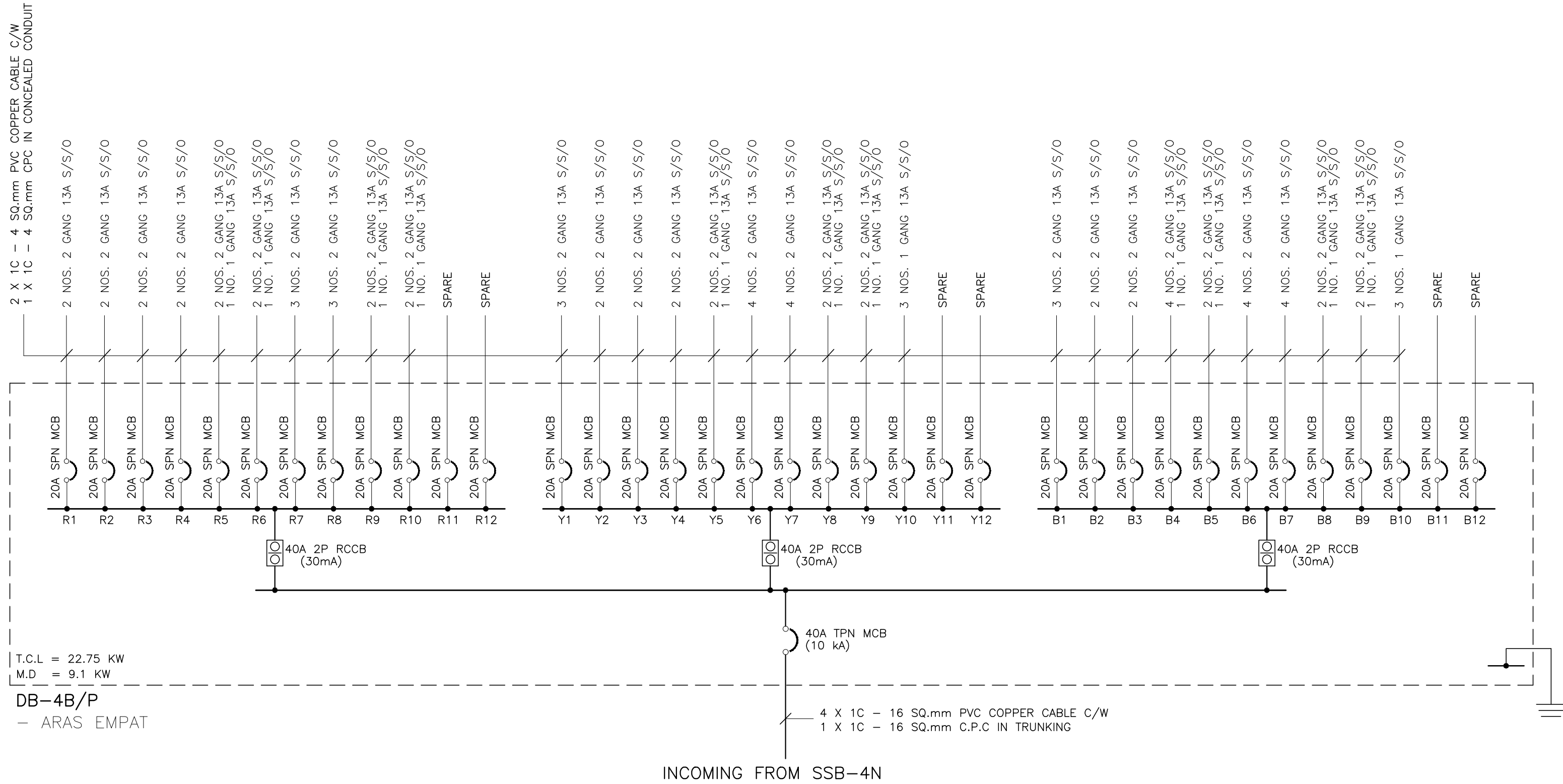
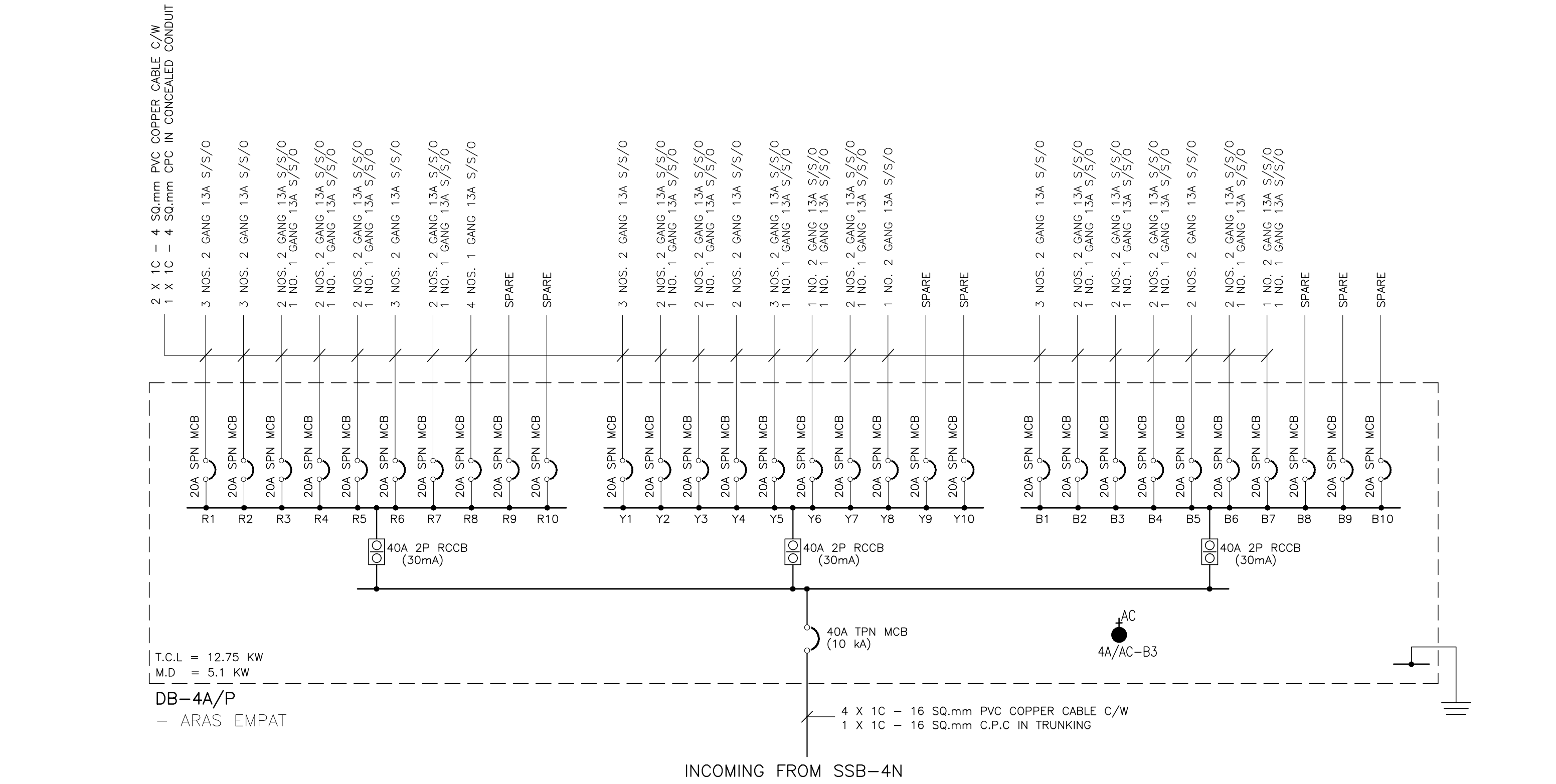
PERUNDING AL SHURA M&E SDN. BHD.
(REG. NO. : 201801014897 (12/9873-W))
MECHANICAL & ELECTRICAL CONSULTING ENGINEERS
No. 314, JALAN INOZ, TAMAN DESA BAKTI, SELATANG, 68100 KUALA LUMPUR
Tel : +606-4127 4613, E-mail : pacoem@gmail.com, pame.eng@gmail.com

TANDATANGAN

TAJUK LUKISAN :
ELECTRICAL SERVICES :

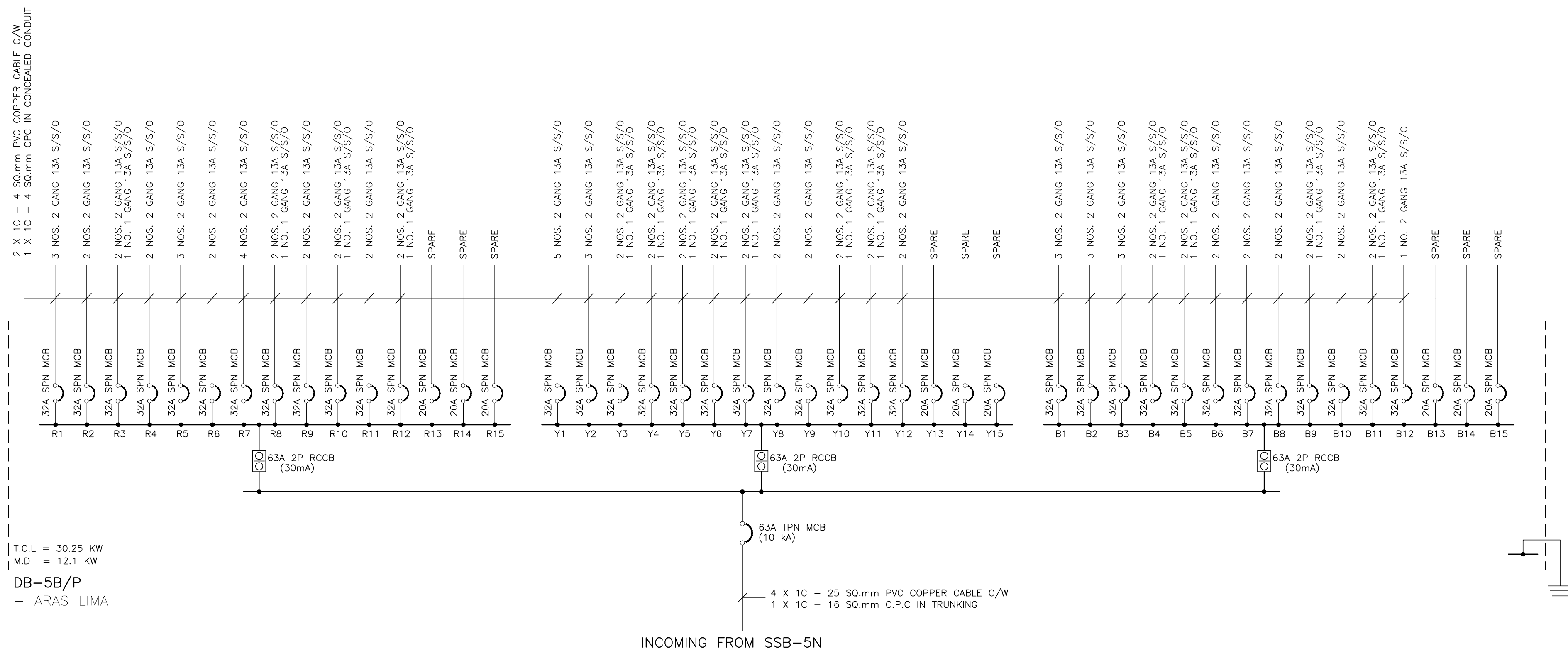
SCHEMATIC DIAGRAM NO. 8

TARIKH : MAC 2026	SKALA : A1=N.T.S A3=N.T.S
DILUKIS OLEH : ZARIS	DISEMAK OLEH : IKHWAN/IZZAT
NO. KONTRAK : PAME/25-20/E/SCH-15	PINDAAN 00



TENDER DRAWING

NOTA :		
PROJEK :		
CADANGAN MENAIKTARAF SISTEM VOLTAN RENDAH DAN KERJA-KERJA BERKAITAN DI UNIVERSITI POLY-TECH MALAYSIA (UPTM), KUALA LUMPUR		
PINDAAN	TARIKH	HURAIAN
PEMILIK :		
MALIS AMANAH RAKYAT BAHAGIAN STRUKTUR DAN SELENGGARAAN TINGKAT 11, IBU PEJABAT MARA, NO. 21 JALAN MARA, 50603 KUALA LUMPUR		
JURUTERA M&E :		
PERUNDING AL SHURA M&E SDN. BHD. (REG. NO. : 201801014807 (12/5873-W)) MECHANICAL & ELECTRICAL CONSULTING ENGINEERS No. 314, JALAN INOBI, TAMAN DESA BAKTI, SELATYANG, 68100 KUALA LUMPUR Tel : +606-4127 4613, E-mail : pacoeme@gmail.com, pame.enr@gmail.com		
TANDATANGAN		
TAJUK LUKISAN : ELECTRICAL SERVICES :		
SCHEMATIC DIAGRAM NO. 11		
TARIKH : MAC 2026	SKALA : A1=N.T.S	A3=N.T.S
DILUKIS OLEH : ZARIS	DISEMAK OLEH : IKHWAN/IZZAT	
NO. KONTRAK :		PINDAAN
NO. LUKISAN :		
PAME/25-20/E/SCH-18		00



NOTA :

PROJEK :

CADANGAN MENAIKTARAF SISTEM VOLTAN
RENDAH DAN KERJA-KERJA BERKAITAN
DI UNIVERSITI POLY-TECH
MALAYSIA (UPTM), KUALA LUMPUR

[illegible]

PEMILIK :



MAJLIS AMANAH RAKYAT
BAHAGIAN BINAAN DAN SELENGGARAAN
TINGKAT 11, IBU PEJABAT MARA,
NO. 21 JALAN MARA,
50609 KUALA LUMPUR

JURUTERA M&E :



PERUNDING AL SHURA M&E SDN. BHD
(REG. NO. : 201801014857 (1276873-W))
MECHANICAL & ELECTRICAL CONSULTING ENGINEERS
No. 31-1, JALAN 3A/2B, TAMAN DESA BAKTI, SELAYANG, 68100 KUALA LUMPUR
Tel : +603-6127 4613 E-mail : pacemne@gmail.com, pame.enrg@gmail.com

TANDATANGAN

TAJUK LUKISAN :
ELECTRICAL SERVICES :

SCHEMATIC DIAGRAM NO. 12

TARIKH : MAC 2026	SKALA : A1=N.T.S A3=N.T.S
DILUKIS OLEH : ZARIS	DISEMAK OLEH : IKHWAN/IZZAT
NO. KONTRAK :	PINDAAN
NO. LUKISAN : PAME/25-20/E/SCH-19	00