

Key Plan




REV	BY	APP	DESCRIPTION	DATE

Revisions

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AGENCE FRANCAISE D'EXPERTISE
TECHNIQUE INTERNATIONALE
MHM Center- Peres Street - Adliye Beirut, Lebanon

PROGRAMME - PROJECT NAME:
Supporting progress in key areas of public administration reform in Lebanon.

CONSULTANT:
ARCHITECT MANALE BASSIL
JBELIL, Lebanon

PROJECT:
PUBLIC PROCUREMENT AUTHORITY (PPA)

PLOT NO.:	BLOCK:
-	-

Sheet Information

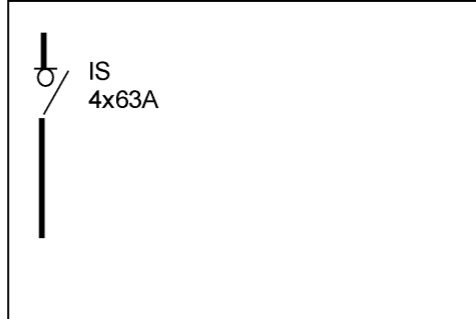
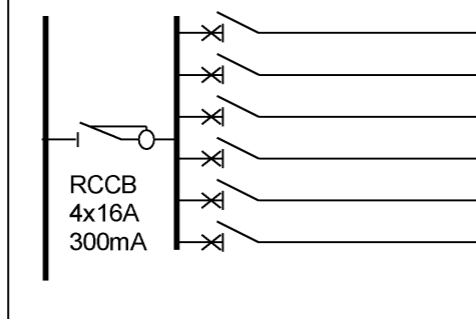
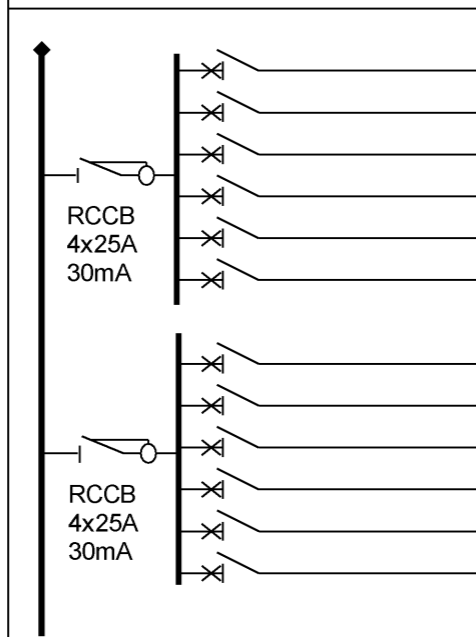
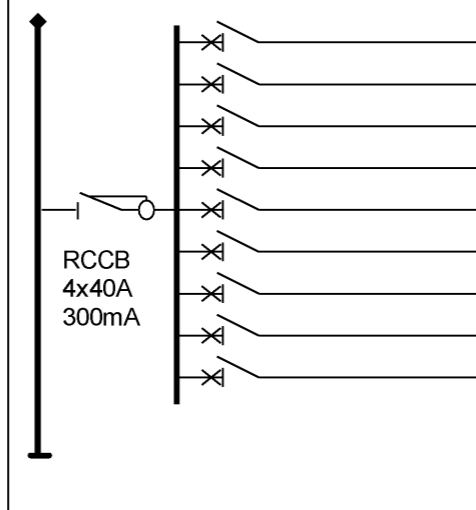
PROJECT NBR.	-
PROJECT PHASE	TENDER
DISCIPLINE	ARCHITECTURAL
SECTOR	-
BUILDING	-
DESIGNED	MB
DRAWN	MB
CHECKED	-
APPROVED	-
DATE	15.05.2026
SCALE	1/50
SHEET SIZE	A0

Sheet Title

ELECTRICAL SCHEDULE
OF PANELBOARDS

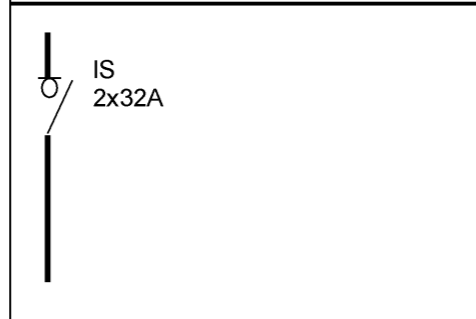
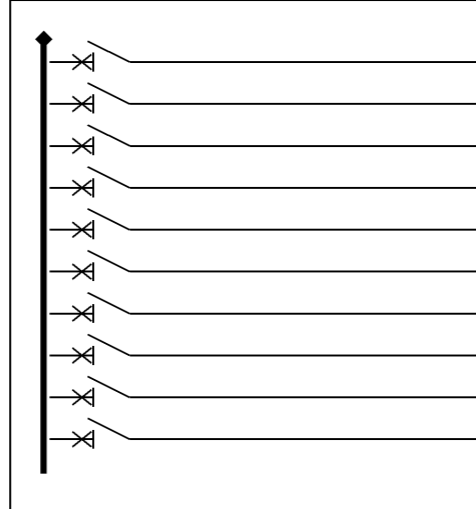
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T - ES - 102 - R00

PPA - GF																	
PANEL REFERENCE:		DB		INCOMING I.S:		63A, 4P					ENCLOSURE MOUNTING:		EXPOSED				
FLOOR:		GROUND FLOOR		INCOMING CABLE:		4x25+16mm2					PROTECTION DEGREE:		IP 42				
LOCATION:		ELEC. ROOM		FED FROM:		MDB / EXISTING NETWORK					ACCESSORIES:		INDICATOR LAMPS, KWH METERS				
VOLTAGE & FREQ:		380V, 3-Ph, 4W, 50Hz											SPD TYPE 2				
	#	CIRCUIT No.	PHASE No.	C.B.		CABLE/WIRE SIZE mm ²	ROOM / AREA	CONNECTED LOAD (Watts)				LOAD PER CIRCUIT (Amps)			REMARKS		
				RATING IN Amps	TYPE			Lighting	Sockets	Motors	Others	L1	L2	L3			
		1	L1	R1	10	MCB - 1P+N	Lighting - Circulation, Kitchen, Elec. Room	497				2.4					
		2	L2	Y1	10	MCB - 1P+N	Lighting - Conference, Offices	915				4.4					
		3	L3	B1	10	MCB - 1P+N	Lighting - Offices	694						3.4			
		4	L4	R2	10	MCB - 1P+N	Spare	0				0.0					
		5	L5	Y2	11	MCB - 1P+N						0.0					
		6	L6	B2	12	MCB - 1P+N							0.0				
							SUB-TOTAL - 1				A	2.4	4.4	3.4			
											VA	552.2	1,016.7	771.1			
		7	S1	R3	16	MCB - 1P+N	Sockets - Elec. Room		600			3.3					
		8	S2	Y3	16	MCB - 1P+N	Sockets - Kitchen		900				4.9				
		9	S3	B3	16	MCB - 1P+N	Sockets - Conference		1050					5.7			
		10	S4	R4	16	MCB - 1P+N	Sockets - Office IV		1200			6.5					
		11	S5	Y4	16	MCB - 1P+N	Sockets - Office III		900			4.9					
		12	S6	B4	16	MCB - 1P+N	Spare		0					0.0			
		13	S7	R5	16	MCB - 1P+N	Spare		0			0.0					
		14	S8	Y5	16	MCB - 1P+N	Sockets - Office II		1200				6.5				
		15	S9	B5	16	MCB - 1P+N	Sockets - Office I		1200					6.5			
		16	S10	R6	16	MCB - 1P+N	Sockets - Secretary Office		1200			6.5					
		17	S11	Y6	16	MCB - 1P+N	Spare		0			0.0					
		18	S12	B6	16	MCB - 1P+N	Spare		0					0.0			
							SUB-TOTAL - 2				A	16.3	16.3	12.2			
											VA	3,750.0	3,750.0	2,812.5			
		19	M1	R7	16	MCB - 1P+N	AC-1.5TR - Office III			1550		8.4					
		20	M2	Y7	16	MCB - 1P+N	AC-1.5TR - Office IV			1550			8.4				
		21	M3	B7	16	MCB - 1P+N	AC-2TR - Office II			2000				10.9			
		22	M4	R8	16	MCB - 1P+N	AC-1.5TR - Office I			1550		8.4					
		23	M5	Y8	16	MCB - 1P+N	AC-1.5TR - Secretary Office			1550			8.4				
		24	M6	B8	16	MCB - 1P+N	AC-2TR - Conference			2000				10.9			
		25	M7	R9	16	MCB - 1P+N	AC-1TR - ELEC. Room			1000		5.4					
		26	M8	Y9	32	MCB - 1P+N	UPS - 6kVA			3100			16.8				
		27	M9	B9	10	MCB - 1P+N	Spare			0				0.0			
							SUB-TOTAL - 3				A	22.3	33.7	21.7			
											VA	5,125.0	7,750.0	5,000.0			
TOTAL CONNECTED LOAD										A	41.0	54.4	37.3				
										VA	9,427.2	12,516.7	8,583.6				
										30,527.5							
LOAD								TOTAL CONNECTED LOAD (VA)		DIVERSITY FACTOR	TOTAL DEMANDED LOAD (VA)						
LIGHTING								552.22	1,016.67	771.11	0.6	331.33	610.00	462.67			
RECEPTACLES/SOCKETS								3,750.00	3,750.00	2,812.50	0.3	1,125.00	1,125.00	843.75			
MOTORS								5,125.00	7,750.00	1,125.00	0.7	3,587.50	5,425.00	787.50			
OTHERS								0.00	0.00	3,875.00	1	0.00	0.00	3,875.00			
TOTAL LOAD								9,427.22	12,516.67	8,583.61	0.60	5,043.83	7,160.00	5,968.92			
								30,527.5				18,172.75					

PPA - GF

PANEL REFERENCE:	UDB	INCOMING I.S:	32A, 2P	ENCLOSURE MOUNTING:	SURFACE
FLOOR:	GROUND FLOOR	INCOMING CABLE:	3x6mm2	PROTECTION DEGREE:	IP 42
LOCATION:	ELEC. ROOM	FED FROM:	UPS-6KVA	ACCESSORIES:	INDICATOR LAMPS
VOLTAGE & FREQ:	230V, 1-Ph, 2W, 50Hz				

	#	CIRCUIT No.	C.B.		CABLE/WIRE SIZE mm ²	ROOM / AREA	CONNECTED LOAD (Watts)				LOAD PER CIRCUIT (Amps)		REMARKS
			RATING IN Amps	TYPE			Lighting	Sockets	Motors	Others	L1		
	1	US1	16	MCB - 1P+N	3x4	MDF		1000			5.4		
	2	US2	16	MCB - 1P+N	3x4	Sockets - Conference Room		1050			5.7		
	3	US3	16	MCB - 1P+N	3x4	Sockets - Office IV		600			3.3		
	4	US4	16	MCB - 1P+N	3x4	Sockets - Office III		600			3.3		
	5	US5	16	MCB - 1P+N	3x4	Sockets - Office II		750			4.1		
	6	US6	25	MCB - 1P+N	3x4	Sockets - Office I		600			3.3		
	7	US7	16	MCB - 1P+N	3x4	Sockets - Secretary Office		600			3.3		
	8	US8	16	MCB - 1P+N	3x4	Spare					0.0		
	9	US9	25	MCB - 1P+N	3x6	Spare					0.0		
										A	28.3		
										VA	6,500.0		
SUB-TOTAL - 2													

TOTAL CONNECTED LOAD	A	28.3
	VA	6,500.0

LOAD	TOTAL CONNECTED LOAD (VA)	DIVERSITY FACTOR	TOTAL DEMANDED LOAD (VA)
LIGHTING	0.0	1	0.00
RECEPTACLES/SOCKETS	5,250.0	0.5	2,625.00
HVAC	0.0	0.7	0.00
MOTORS	0.0	0.75	0.00
OTHERS	1,250.0	1	1,250.00
TOTAL LOAD	6,500.00	0.00	3,875.00