

RATING OF INCOMER	RATING OF ELCB	ELCB SEC.	SL. NO.	CIR. NO.	MCB RTG. AMP.	CCT. WIRE SIZE	ECC. WIRE SIZE	ROOM / AREA	CONNECTED LOAD / POINTS															LOAD PER CIRCUIT-WATT			REMARKS																						
									LTG.	COVE LTG	EX. FAN	13A S/S	W/H	20A DP SW	15A S/S	COO KER	HD	ISOL.	WAT. PUMP	LIFT	CU	FCU	FCU	WATT/ UNIT	R	Y		B																					
125A TP ISOL.	40A 100MA 4P	1	1	R1	16	2.5	2.5	RECEPTION+MEETING ROOM1+2	15															100	1500																								
			2	Y1	16	2.5	2.5	MEETING+MD OFF+PRAYER ROOM	10																100		1000																						
			3	B1	16	2.5	2.5	LOBBY+PASSAGE+KITCHEN	16																100			1600																					
			4	R2	16	2.5	2.5	OPEN OFFICE+IT	13																100	1300																							
			5	Y2	16	2.5	2.5	OPEN OFFICE	13																100		1300																						
			6	B2	16	2.5	2.5	TOILETS	15																100			1500																					
			7	R3	16	2.5	2.5	EXTERNAL	9																100	900																							
			8	Y3	16				SPARE																				1000																				
			9	B3	16				SPARE																				1000																				
	10	R4	32	4	4		4	RECEPTION				6												200	1200			RING																					
	11	Y4	32	4	4		4	MEETING ROOM				8												200		1600		RING																					
	12	B4	20	4	4		4	PASSAGE				4												200			800																						
	13	R5	20	4	4		4	RECEPTION				4												200	800																								
	14	Y5	32	4	4		4	M.D.OFFICE				8												200		1600		RING																					
	15	B5	32	4	4		4	KITCHEN				6												200			1200	RING																					
	16	R6	20	4	4		4	RECEPTION				4												200	800																								
	17	Y6	32	4	4		4	MALE/FEMALE PRAYER+PASSAGE				10												200		2000		RING																					
	18	B6	20	4	4		4	KITCHEN						1										2000			2000	OVEN																					
	19	R7	32	4	4		4	MEETING ROOM1				8												200	1600			RING																					
	20	Y7	32	4	4		4	OPEN OFFICE				6												200		1200		RING																					
	21	B7	20	4	4		4	FEMALE TOILET																1500			1500	HAND DRYER																					
																						TOTAL																											

CABLE SIZE:4Cx 50 mm CU.XLPE/SWA/PVC+1x1Cx 25 mm PVC ECC.

'W' -WINDOW TYPE UNIT.

'S' -SPLIT TYPE UNIT.

CONTRACTOR:ELECTRIC CIRCLE TECHNICAL SERVICES LLC

TELEPHONE: 04-2871919 FAX: 04-2870909 MOBILE:0556452851

RATING OF INCOMER	RATING OF ELCB	ELCB SEC.	SL. NO.	CIR. NO.	MCB RTG. AMP.	CCT. WIRE SIZE	ECC. WIRE SIZE	ROOM / AREA	CONNECTED LOAD / POINTS														LOAD PER CIRCUIT-WATT			REMARKS				
									LTG.	COVE LTG	EX. FAN	13A S/S	W/H	20A DP SW	15A S/S	COO KER	S AC	ISOL.	WAT. PUMP	LIFT	CU	FCU	FCU	WATT/ UNIT	R		Y	B		
125A TP ISOL.	40A 30MA 4P	4	22	R8	32	4	4	MEETING ROOM2				8													200	1600		RING		
			23	Y8	32	4	4	OPEN OFFICE				6													200		1200		RING	
			24	B8	20	4	4	MALE TOILET								1										1500			1500	HAND DRYER
			25	R9	32	4	4	IT ROOM				8														200	1600		RING	
			26	Y9	32	4	4	OPEN OFFICE				8														200		1600		RING
			27	B9	32	4	4	OPEN OFFICE				8														200			1600	RING
	40A 30MA 4P	5	28	R10	20	4	4	KITCHEN							1										2000	2000		MICROWAVE		
			29	Y10	32	4	4	OPEN OFFICE				8													200		1600		RING	
			30	B10	32	4	4	OPEN OFFICE				8													200			1600	RING	
			31	R11	32	4	4	OPEN OFFICE				6													200	1200		RING		
			32	Y11	32	4	4	OPEN OFFICE				6														200		1200		RING
			33	B11	32	4	4	OPEN OFFICE				6														200			1200	RING
			34	R12	32	4	4	OPEN OFFICE				6														200	1200		RING	
	40A 30MA 4P	6	35	Y12	32	4	4	OPEN OFFICE				6													600		1200		RING	
36			B12	32	4	4	OPEN OFFICE				6													1800			1200	RING		
37			R13	20			SPARE																		1000					
38			Y13	20			SPARE																			1000				
39			B13	20			SPARE																				1000			
40			R14																											
40A 30MA 4P	7	41	Y14	TP32			SPARE																	8100	2700					
		42	B14																											
																											2700			
CABLE SIZE:4Cx 50 mm CU.XLPE/SWA/PVC+1x1Cx 25 mm PVC ECC.																							TOTAL	19400	20200	20400	60000			

* W ' -WINDOW TYPE UNIT.

* S ' -SPLIT TYPE UNIT.

RATING OF INCOMER	RATING OF ELCB	ELCB SEC.	SL. NO.	CIR. NO.	MCB RTG. AMP.	CCT. WIRE SIZE	ECC. WIRE SIZE	ROOM / AREA	CONNECTED LOAD / POINTS														LOAD PER CIRCUIT-WATT			REMARKS					
									LTG.	COVE LTG	EX. FAN	13A S/S	W/H	20A DP SW	15A S/S	COO KER	S AC.	ISOL.	WAT. PUMP	LIFT	CU	FCU	FCU	WATT/ UNIT	R		Y	B			
125A TP ISOL.	40A 100MA 4P	1	1	R1	16	2.5	2.5	WAREHOUSE	3																250	750					
			2	Y1	16	2.5	2.5	WAREHOUSE	3																	250		750			
			3	B1	16	2.5	2.5	WAREHOUSE	4																		250			1000	
			4	R2	16	2.5	2.5	WAREHOUSE	4																		250	1000			
			5	Y2	16	2.5	2.5	WAREHOUSE	4																			250		1000	
			6	B2	16	2.5	2.5	WAREHOUSE	4																				250		
	40A 100MA 4P	2	7	R3	16	2.5	2.5	WAREHOUSE	4																	250	1000				
			8	Y3	16	2.5	2.5	WAREHOUSE	4																		250		1000		
			9	B3	16	2.5	2.5	WAREHOUSE	4																			250			1000
			10	R4	16	2.5	2.5	WAREHOUSE	4																		250	1000			
			11	Y4	16	2.5	2.5	WAREHOUSE	4																			250		1000	
			12	B4	16	2.5	2.5	WAREHOUSE	4																			250			1000
	40A 100MA 4P	3	13	R5	16	2.5	2.5	WAREHOUSE	4																	250	1000				
			14	Y5	16	2.5	2.5	WAREHOUSE	4																		250		1000		
			15	B5	16	2.5	2.5	WAREHOUSE	4																			250			1000
			16	R6	16	2.5	2.5	WAREHOUSE	4																		250	1000			
			17	Y6	16	2.5	2.5	WAREHOUSE	4																			250		1000	
			18	B6	16	2.5	2.5	WAREHOUSE	4																				250		
	40A 100MA 4P	4	19	R7	16	2.5	2.5	EXTERNAL	3																	250	750				
			20	Y7	16	2.5	2.5	MALE TOILETS	9																		100		900		
			21	B7	16	2.5	2.5	FEMALE TOILETS	10																		1000			1000	
			22	R8	16			SPARE																					1250		
			23	Y8	16			SPARE																						1350	
			24	B8	16			SPARE																							1000
CABLE SIZE:4Cx 50 mm CU.XLPE/SWA/PVC+1x1Cx 25 mm PVC ECC.																						TOTAL									

' W ' -WINDOW TYPE UNIT.

' S ' -SPLIT TYPE UNIT.

RATING OF INCOMER	RATING OF ELCB	ELCB SEC.	SL. NO.	CIR. NO.	MCB RTG. AMP.	CCT. WIRE SIZE	ECC. WIRE SIZE	ROOM / AREA	CONNECTED LOAD / POINTS														LOAD PER CIRCUIT-WATT			REMARKS							
									LTG.	COVE LTG	EX. FAN	13A S/S	W/H	20A DP SW	15A S/S	COO KER	S AC	ISOL.	WAT. PUMP	LIFT	CU	FCU	FCU	WATT/ UNIT	R		Y	B					
125A TP ISOL.	40A 30MA 4P	5	25	R9	32	4	4	WAREHOUSE				8													200	1600		RING					
			26	Y9	32	4	4	WAREHOUSE				6														200		1200	RING				
			27	B9	32	4	4	WAREHOUSE				6														200			1200	RING			
			28	R10	20	4	4	WAREHOUSE				4														200	800						
			29	Y10	32	4	4	WAREHOUSE				6															200		1200	RING			
			30	B10	20			SPARE																					1000				
	40A 30MA 4P	6	31	R11	20	4	4	WAREHOUSE								1										2000	2000						
			32	Y11	20	4	4	WAREHOUSE								1										2000		2000					
			33	B11	20	4	4	WAREHOUSE								1										2000			2000				
			34	R12	20			SPARE																			2000						
			35	Y12	20			SPARE																					1850				
			36	B12	20	4	4	WAREHOUSE									1										2000			2000			
	40A 30MA 4P	7	34	R12	20	4	4	AUTO SHUTTER																		1000	1000						
			35	Y12	20	4	4	AUTO SHUTTER																		1000		1000					
			36	B12	20	4	4	AUTO SHUTTER																		1000			1000				
	40A 100MA 4P	8	37	R13	TP20			SPARE																			4500	1500	1500				
			38	Y13																													1500
			39	B13																													
	40A 100MA 4P	9	40	R14	TP20			SPARE																			4500	1500	1500				
			41	Y14																													1500
			42	B14																													
	CABLE SIZE:4Cx 50 mm CU.XLPE/SWA/PVC+1x1Cx 25 mm PVC ECC.																							TOTAL	18150	18250	18200	54600					

'W' -WINDOW TYPE UNIT.

'S' -SPLIT TYPE UNIT.

PROJECT:OFFICE+WAREHOUSE

LOAD DISTRIBUTION SCHEDULE

LOCATION:PUMPROOM

DB.NO.:DB-PR

FED.FROM:SMDB-PR

RATING OF INCOMER	RATING OF ELCB	ELCB SEC.	SL. NO.	CIR. NO.	MCB RTG. AMP.	CCT. WIRE SIZE	ECC. WIRE SIZE	ROOM / AREA	CONNECTED LOAD / POINTS															LOAD PER CIRCUIT-WATT			REMARKS						
									LTG.	COVE LGT	EX. FAN	13A S/S	W/H	20A DP SW	15A S/S	COO KER	S AC.	ISOL.	WAT. PUMP	LIFT	CU	FCU	FCU	WATT/ UNIT	R	Y		B					
40A TP ISOL.	40A 100MA 4P	1	1	R1	10	2.5	2.5	PUMPROOM	3																100	300							
			2	Y1	10	2.5	2.5	GARBAGE ROOM	2																		100		200				
			3	B1	20				SPARE																						1800		
	40A 30MA 4P	2	4	R2	20	4	4	PUMPROOM				2														200	400						
			5	Y2	20				SPARE																						600		
			6	B2	20	4	4	GARBAGE ROOM				1															200			200			
			7	R3	20	4	4	PUMPROOM											1								1000	1000					
			8	Y3	20				SPARE																						1000		
			9	B3	20				SPARE																						200		
	40A 100MA 4P	3	10	R4	TP20	4	4	JOCKY PUMP																			1000						
			11	Y4																										3000		1000	
			12	B4									ELS+ALARM																				
	40A 100MA 4P	4	13	R5	20			SPARE																			1000						
			14	Y5	20	4	4	DIESEL PUMP																			1000		1000				
			15	B5	20				SPARE																					600			
			16	R6																													
			17	Y6																													
			18	B6																													
CABLE SIZE:4Cx 16 mm CU.XLPE/SWA/PVC+1x1Cx 16 mm PVC ECC.																						TOTAL	3700	3800	3800	11300							

' W ' -WINDOW TYPE UNIT.

' S ' -SPLIT TYPE UNIT.

CONTRACTOR:ELECTRIC CIRCLE TECHNICAL SERVICES LLC
 TELEPHONE: 04-2871919 FAX: 04-2870909 MOBILE:0556452851

10/3/2025

PROJECT:OFFICE+WAREHOUSE

LOAD DISTRIBUTION SCHEDULE

LOCATION:GUARD ROOM

DB.NO.:DB-GR

FED.FROM:SMDB-1

RATING OF INCOMER	RATING OF ELCB	ELCB SEC.	SL. NO.	CIR. NO.	MCB RTG. AMP.	CCT. WIRE SIZE	ECC. WIRE SIZE	ROOM / AREA	CONNECTED LOAD / POINTS														LOAD PER CIRCUIT-WATT			REMARKS						
									LTG.	COVE LGT	EX. FAN	13A S/S	W/H	20A DP SW	15A S/S	COO KER	S AC.	ISOL.	WAT. PUMP	LIFT	CU	FCU	FCU	WATT/ UNIT	R		Y	B				
32A TP ISOL.	40A 100MA 4P	1	1	R1	10	2.5	2.5	GUARD ROOM+TOILET	7		1													100	800							
			2	Y1	20	6	6	GUARD ROOM																	1800		1800		U.V.R.+TIMER+CONT.			
			3	B1	10				SPARE																				800			
	32A TP ISOL.	40A 30MA 4P	2	4	R2	20	4	4	GATE BARRIER																1000	1000				(XLPE/SWA/PVC)		
				5	Y2	20	4	4	GUARD ROOM				3													200		600				
				6	B2	20	4	4	GATE BARRIER																	1000			1000		(XLPE/SWA/PVC)	
				7	R3	20				SPARE																	400					
				8	Y3	20				SPARE																			200			
				9	B3	20				SPARE																				400		
			10	R4																												
			11	Y4																												
			12	B4																												
			13	R5																												
			14	Y5																												
			15	B5																												
			16	R6																												
			17	Y6																												
			18	B6																												
CABLE SIZE:4Cx 10 mm CU.XLPE/SWA/PVC+1x1Cx 10 mm PVC ECC.																						TOTAL	2200	2600	2200	7000						

' W ' -WINDOW TYPE UNIT.

' S ' -SPLIT TYPE UNIT.

CONTRACTOR:ELECTRIC CIRCLE TECHNICAL SERVICES LLC
 TELEPHONE: 04-2871919 FAX: 04-2870909 MOBILE:0556452851

10/3/2025

