



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3548a - CITIPOINTE - LOCKER BUILDING

C3548a-0004(A).xls

DISTRIBUTION BOARD DB-A

REVISION A - 29 MAY 2025

							REV
FAULT CURRENT: 6KA							A
MAIN SWITCH: 160A NON AUTO LOAD BREAK							A
CHASSIS SIZE: 84 POLE							A
SUPPLIED FROM: MSB							A
CHASSIS RATING: 250A							A
SUPPLY CABLE: 4C+E 50							A
PHASES: 3							A
REFER TO THE EQUIPMENT SCHEDULE AND NOTES FOR ADDITIONAL REQUIREMENTS. PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROLS PROVIDED AS PART OF THE INITIAL WORKS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. RECONNECT ALL OF THE EXISTING CIRCUITS THAT REMAIN AND THE CIRCUITS WITHIN THE AREA NOMINATED AS BEING SUPPLIED FROM DB-A TO THE NEW DB-A WITH NEW SWITCHGEAR AND CONTROLS THAT HAS THE SAME CAPACITY AND FUNCTION AS THE ORIGINAL. ENSURE THE SCHEDULE INCLUDES THE CIRCUIT USE AND LOCATION.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm2)	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	GROUND LEVEL	CLEANING	A
P2	1	20	RCBO	2.5	GROUND LEVEL	WORKSTATION / TV	A
P3	1	20	RCBO	2.5	GROUND LEVEL	WORKSTATION	A
P4	1	20	RCBO	2.5	GROUND LEVEL	WORKSTATION	A
P5	1	20	RCBO	2.5	GROUND LEVEL	CLEANING	A
P6	1	20	RCBO	2.5	GROUND LEVEL	RECEPTION	A
P7	1	20	RCBO	2.5	GROUND LEVEL	COUNSELLING	A
P8	1	20	RCBO	2.5	GROUND LEVEL	COMMS RACK CR-A	A
P9	1	20	RCBO	2.5	GROUND LEVEL	SECURITY	A
P10	1	20	RCBO	2.5	GROUND LEVEL	AUTO BOILER	A
P11	1	20	RCBO	2.5	GROUND LEVEL	KITCHEN	A
P12	1	20	RCBO	2.5	GROUND LEVEL	DISHWASHER	A
P13	1	20	RCBO	2.5	GROUND LEVEL	MICROWAVE	A
P14	1	20	RCBO	2.5	GROUND LEVEL	REF / MW	A
P15	1	20	RCBO	2.5	LEVEL 1	WORKSTATION	A
P16	1	20	RCBO	2.5	LEVEL 1	WORKSTATION	A
P17	1	20	RCBO	2.5	LEVEL 1	REF / MW	A
P18	1	20	RCBO	2.5	LEVEL 1	AUTO BOILER	A
P19	1	20	RCBO	2.5	LEVEL 1	MICROWAVE	A
P20	1	20	RCBO	2.5	LEVEL 1	KITCHEN	A
P21	1	20	RCBO	2.5	LEVEL 1	DISHWASHER	A
P22	1	20	RCBO	2.5	ROOF	EXHAUST FAN	A
P23	1	20	RCBO	2.5	LEVEL 1	CLEANING	A
P24	1	20	RCBO	2.5	LEVEL 1	EXAM	A
P25	3	40		6.0	EXTERNAL	AC	A
P26	3	40		6.0	EXTERNAL	AC	A
L1	1	20	RCBO	2.5	GROUND LEVEL	LIGHTING	A
L2	1	20	RCBO	2.5	GROUND LEVEL	LIGHTING	A
L3	1	20	RCBO	2.5	GROUND LEVEL	LIGHTING	A
L4	1	20	RCBO	2.5	GROUND LEVEL	LIGHTING	A
L5	1	20	RCBO	2.5	LEVEL 1	LIGHTING	A
L6	1	20	RCBO	2.5	LEVEL 1	LIGHTING	A
L7	1	20	RCBO	2.5	LEVEL 1	LIGHTING	A