



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3665a - EAGERS BYD CAPALABA

C3665a-0004(A).xls

DISTRIBUTION BOARD DB-A

REVISION A - 04 FEBRUARY 2026

							REV
FAULT CURRENT:	6KA USING CASCADING		MAIN SWITCH:	250A NON AUTO LOAD BREAK			A
CHASSIS SIZE:	60 POLE		SUPPLIED FROM:	MSB			A
CHASSIS RATING:	250A		SUPPLY CABLE:	4C+E 50			A
PHASES:	3						A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. REFER TO THE NOTES FOR ADDITIONAL REQUIREMENTS							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	SHOWROOM	7KW EV3	A
P2	1	20	RCBO	2.5	EXTERNAL	7KW EV2	A
P3	1	20	RCBO	2.5	SHOWROOM	COMMS RACK CR-A	A
P4	1	20	RCBO	2.5	SHOWROOM	SECURITY	A
P5	1	20	RCBO	2.5	SHOWROOM	CLEANING	A
P6	1	20	RCBO	2.5	SHOWROOM	OFFICE	A
P7	1	20	RCBO	2.5	SHOWROOM	GPO	A
P8	1	20	RCBO	2.5	SHOWROOM	CLEANING	A
P9	1	20	RCBO	2.5	SHOWROOM	FLOOR BOX	A
P10	1	20	RCBO	2.5	SHOWROOM	FLOOR BOX	A
P11	1	20	RCBO	2.5	SHOWROOM	FLOOR BOX	A
P12	1	20	RCBO	2.5	SHOWROOM	FLOOR BOX	A
P13	1	20	RCBO	2.5	SHOWROOM	TV	A
P14	1	20	RCBO	2.5	ROOF	EXISTING AC	A
P15	1	20	RCBO	2.5	ROOF	EXISTING AC	A
P16	1	20	RCBO	2.5	ROOF	EXISTING AC	A
P17	1	20	RCBO	2.5	ROOF	EXISTING AC	A
P18	1	20	RCBO	2.5	ROOF	EXISTING AC	A
P19	1	32	RCBO	6.0	ROOF	NEW AC	A
L1	1	20	RCBO	2.5	INTERNAL	LIGHTS	A
L2	1	20	RCBO	2.5	INTERNAL	LIGHTS	A
L3	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5	EXTERNAL	LIGHTS	A
L4	1	20	RCBO PE CELL ON DUSK OFF DAWN	4.0	EXTERNAL	SIGN	A
L5	1	20	RCBO	2.5	INTERNAL	LIGHTF	A
L6	1	32	RCBO	2.5	INTERNAL	LIGHTS	A