ELECTRICAL DESIGN GROUP
ELECTRICAL BUILDING SERVICES CONSULTANTS
P.O. Box 15, SHERWOOD Q. 4075
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C3461a - EAGERS MT GRAVATT - 1281 LOGAN ROAD **C3461a-0004(B).xls**

DISTRIBUTION BOARD DB-A

REVISION B - 06 JUNE 2025

				REV
FAULT CURRENT:	6KA USING CASCADING	MAIN SWITCH:	250A NON AUTO LOAD BREAK	A
CHASSIS SIZE:	96 POLE	SUPPLIED FROM:	MSB	A
CHASSIS RATING:	250A	SUPPLY CABLE:	4C35	B
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. EACH CUBICAL MUST BE 700 WIDE. REFER TO THE NOTES FOR ADDITIONAL REQUIREMENTS — B

CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm^2)	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	EXTERNAL	CARPARK GPO	B
P2	1	20	RCBO	2.5	EXTERNAL	CARPARK GPO	B
P3	1	20	RCBO	2.5	EXTERNAL	CARPARK GPO	B
P4	1	20	RCBO	2.5	EXTERNAL	MAINTENANCE	B
P5	1	20	RCBO	2.5	EXTERNAL	MAINTENANCE	B
P6	1	20	RCBO	2.5	STAFF ROOM	CRA	B
P7	1	20	RCBO	2.5	STAFF ROOM	SECURITY	B
P8	1	20	RCBO	2.5	OFFICES	OFFICE	B
P9	1	20	RCBO	2.5	OFFICES	OFFICE	B
P10	1	20	RCBO	2.5	SHOWROOM	CLEANING	B
P11	1	20	RCBO	2.5	SHOWROOM	CLEANING	B
P12	1	20	RCBO	2.5	CUSTOMER	CUSTOMERS	B
P13	1	20	RCBO	2.5	SHOWROOM	TV	B
P14	1	20	RCBO	2.5	SHOWROOM	TV	B
P15	1	20	RCBO	2.5	STAFF ROOM	REF	B
P16	1	20	RCBO	2.5	STAFF ROOM	APPLIANCES	B
P17	1	20	RCBO	2.5	STAFF ROOM	KIT	B
P18	1	20	RCBO	2.5	STAFF ROOM	ZIP	B
P19	1	20	RCBO	2.5	CUSTOMER	COFFEE	B
P20	1	20	RCBO	2.5	CUSTOMER	KITCHEN	B
P21	1	20	RCBO	2.5	CUSTOMER	REF	B
P22	1	20	RCBO	2.5	CUSTOMER	ZIP	B
P23	1	20	RCBO	2.5	SHOWROOM	FLOOR BOXES	B
P24	1	20	RCBO	2.5	SHOWROOM	FLOOR BOXES	B
P25	1	20	RCBO	2.5	SHOWROOM	FLOOR BOXES	B
P26	1	20	RCBO	2.5	SHOWROOM	FLOOR BOXES	B
P27	1	20	RCBO	2.5	SHOWROOM	GPOs	B
P28	1	20	RCBO	2.5	SHOWROOM	GPOs	B
P29	1	20	RCBO	2.5	SHOWROOM	GPOs	B
P30	1	20	RCBO	2.5	SHOWROOM	AUTO DOORS	B

ELECTRICAL DESIGN GROUP BRISBANE PTY LTD ACN 092 710 793
TRADING AS – ELECTRICAL DESIGN GROUP ABN 96 092 710 793

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CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm^2)	LOCATION	CIRCUIT USE	
L1	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5	EXTERNAL	SIGN	B
L2	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5	EXTERNAL	SIGN	B
L3	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5	EXTERNAL	SECURITY	B
L4	1	20	RCBO PE CELL ON DUSK OFF DAWN	4.0	EXTERNAL	LIGHTING	B
L5	1	20	RCBO PE CELL ON DUSK OFF DAWN	4.0	EXTERNAL	LIGHTING	B
L6	1	32	RCBO PE CELL ON DUSK OFF DAWN	6.0	EXTERNAL	PYLON	B
L7	1	20	RCBO	2.5	EXTERNAL	LIGHTING	B
L8	1	20	RCBO	2.5	AMENITY	LIGHTING	B
L9	1	20	RCBO	2.5	OFFICE	LIGHTING	B
L10	1	20	RCBO	2.5	SHOWROOM	LIGHTING	B
L11	1	20	RCBO	2.5	CIRCULATION	LIGHTING	B
L12	1	20	RCBO	2.5	SHOWROOM	LIGHTING	B
L13	1	20	RCBO	2.5	SHOWROOM	LIGHTING	B
L14	1	20	RCBO	2.5	SHOWROOM	LIGHTING	B
L15	1	20	RCBO	2.5	SHOWROOM	LIGHTING	B
L16	1	20	RCBO	2.5	SHOWROOM	LIGHTING	B

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