



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375

Website: www.edg.net.au Email: brisbane@edg.net.au

C3391a - WATERFRONT HOTEL, DIDDILLIBAH

C3391a-0006(B).xls

DISTRIBUTION BOARD DB-1

REVISION B - 23 JUNE 2025

<p>FAULT CURRENT: 6KA</p> <p>CHASSIS RATING: 250A</p> <p>PHASES: 3</p>							REV
							A
							A
							A
<p>PROVIDE DB-1 AS PER THE DB-1 SCHEMATIC. PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROLS INCLUDING THE DYNALITE EQUIPMENT 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 DB-T, DB-S, DB-A, DB-F AND DB-F1 CIRCUITS THAT REMAIN AND THE CIRCUITS WITHIN THE AREA NOMINATED AS DB-1 ON THE SWITCHBOARD ZONE PLAN TO THE NEW DB-1 WITH NEW SWITCHGEAR AND CONTROLS THAT HAS THE SAME CAPACITY AND FUNCTION AS THE ORIGINAL. UPDATE THE SCHEDULE AT PRACTICAL COMPLETION TO INCLUDE THE CIRCUIT USE AND LOCATION.</p>							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	A
P1	3	20	RCBO	2.5	EXTERNAL	KEG ROOM	A
P2	1	20	RCBO	2.5	KEG ROOM	KEG ROOM	A
P3	1	20	RCBO	2.5	KITCHEN	MW	A
P4	1	20	RCBO	2.5	KITCHEN	MW	A
P5	3	40	RCBO	6.0	KITCHEN	22KW COMBI	A
P6	1	20	RCBO	2.5	KITCHEN	REF	A
P7	1	20	RCBO	2.5	DINING	ATM	A
P8	1	20	RCBO	2.5	DINING	CLEANING	A
P9	1	20	RCBO	2.5	DINING	FIRE	A
P10	1	20	RCBO	2.5	DINING	MEET AND GREET	A
P11	1	20	RCBO	2.5	DRINKING	CLEANING	A
P12	1	20	RCBO	2.5	DRINKING	TV	A
P13	3	20	RCBO	2.5	ROOF	AC	A
P14	3	20	RCBO	2.5	ROOF	AC	A
P15	3	20	RCBO	2.5	ROOF	AC	A
P16	1	20	RCBO	2.5	SERVERY	BAINE MARIE	A
P17	1	20	RCBO	2.5	SERVERY	REF	A
P18	1	20	RCBO	2.5	SERVERY	BAINE MARIE	A
P19	1	20	RCBO	2.5	DINING BAR	POS	A
P20	1	20	RCBO	2.5	DINING BAR	GLASS WASHER	A
P21	1	20	RCBO	2.5	DINING BAR	GPOs	A
P22	1	20	RCBO	2.5	DRINKING BAR	GPOs	A
P23	1	20	RCBO	2.5	DRINKING BAR	REF	A
							A
							A
							A



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CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	A
L1	1	20	RCBO	2.5	BOH	LIGHTS	A
L2	1	20	RCBO	2.5	EXTERNAL	SIGN	A
L3	1	20	RCBO	2.5	ROOF	LIGHTS	A
L4	1	20	RCBO	2.5	EXTERNAL	LIGHTS	A
L5	1	20	RCBO	2.5	ENTRY	LIGHTS	A
L6	1	20	RCBO	2.5	AMENITY	LIGHTS	A
L7	1	20	RCBO	2.5	BAR SERVERY	LIGHTS	A
L8	1	20	RCBO	2.5	SERVERY	HEAT LAMPS	A
L9	1	20	RCBO	2.5	DINING	LIGHTS	A
L10	1	20	RCBO	2.5		LIGHTS	A
L11	1	20	RCBO	2.5	DINING	LIGHTS	A
L12	1	20	RCBO	2.5	PWD / BAR	LIGHTS	A
L13	1	20	RCBO	2.5	AMENITY	LIGHTS	A
L14	1	20	RCBO	2.5	ENTRY	LIGHTS	A
L15	1	20	RCBO	2.5	OUTDOOR	LIGHTS	A
L16	1	20	RCBO	2.5	OUTDOOR	LIGHTS	A
L17	1	20	RCBO	2.5	OUTDOOR	LIGHTS	A
L18	1	20	RCBO	2.5	OUTDOOR	LIGHTS	A
L19	1	20	RCBO	2.5	EXTERNAL ENTRY	LIGHTS	A
L20	1	20	RCBO	2.5	DINING	LIGHTS	A
L21	1	20	RCBO	2.5	SERVERY	HEAT LAMPS	A
L22	1	20	RCBO	2.5	DINING	LIGHTS	A
L23	1	20	RCBO	2.5	DRINKING	LIGHTS	A
L24	1	20	RCBO	2.5	DINING	FAN	A
L25	1	20	RCBO	2.5	DRINKING	FAN	A
L26	1	20	RCBO	2.5	DINING DECK	FAN	A
L27	1	20	RCBO	2.5	DRINKING DECK	FAN	A
L28	1	20	RCBO	2.5	DINING DECK	HEATER	A
L29	1	20	RCBO	2.5	DINING DECK	HEATER	A
L30	1	20	RCBO	2.5	DINING DECK	HEATER	A
L31	1	20	RCBO	2.5	DINING DECK	HEATER	A
L32	1	20	RCBO	2.5	DINING DECK	HEATER	A
L33	1	20	RCBO	2.5	DINING DECK	HEATER	A
L34	1	20	RCBO	2.5	DINING DECK	HEATER	A
L35	1	20	RCBO	2.5	DRINKING DECK	HEATER	A
L36	1	20	RCBO	2.5	BOARDWALK	LIGHTS	B