

ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375 Fax: (07) 3716 0222

Web Site: www.edg.net.au Email: brisbane@edg.net.au

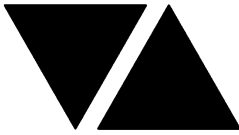
C2499a - THE BROOK HOTEL, MITCHELTON

C2499a-0006(D).xls

DISTRIBUTION BOARD DB-1

REVISION D - 14 MARCH 2023

							REV
FAULT CURRENT:		6KA UTILISING CASCADING		MAIN SWITCH:		250A NON AUTO LOAD BREAK	A
CHASSIS SIZE:		74 POLES POWER 60 POLES LIGHTING		SUPPLIED FROM:		MSB	A
CHASSIS RATING:		250A		SUPPLY CABLE:		1C150	A
PHASES:		3					A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE INITIAL CONTROLS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE NCC BCA PART J8 CENTRALLY MONITORED METERING OF EACH CHASSIS. PROVIDE THE DB WITH SURGE PROTECTION. REFER TO THE DB-1 SCHEMATIC.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
P1	3	20	RCD	2.5	LOADING	RSD	A
P2	1	20	RCD	2.5	LOADING	GPOs	A
P3	1	20	RCD	2.5	LOADING	WASHING MACHINE	A
P4	1	20	RCD	2.5	LOADING	WASHING MACHINE	A
P5	1	20	RCD	2.5	LOADING	CLEANERS RACK	A
P6	1	20	RCD	2.5		GLASS WASHER	A
P7	1	20	RCD	2.5	CASHIER	GPOs	A
P8	1	20	RCD	2.5	BAR	REF	A
P9	1	20	RCD	2.5	BAR	GPOs	A
P10	1	20	RCD	2.5	BAR	REF	A
P11	1	20	RCD	2.5	CASHIER	GPOs	A
P12	1	20	RCD	2.5		CLEANING	A
P13	1	20	RCD	2.5	BAR	GLASS CHILLER	A
P14	1	20	RCD	2.5	BAR	POS	A
P15	1	20	RCD	2.5	AMENITY	HD	A
P16	1	20	RCD	2.5	ENTRY	AUTO DOOR	A
P17	1	20	RCD	2.5	LOBBY	VENDING MACHINE	A
P18	1	20	RCD	2.5	GAMING	CRT	A
P19	1	20	RCD	2.5	GAMING	MODEM	A
P20	1	20	RCD	2.5	GAMING	CRT	A
P21	1	20	RCD	2.5	ENTRY	AUTO DOOR	A
P22	1	20	RCD	2.5	ENTRY	ATM	A
P23	1	20	RCD	2.5	ENTRY	COFFEE	A
P24	1	20	RCD	2.5	CASH ROOM	GPOs	A
P25	1	20	RCD	2.5	OFFICE	PRINTER	A
P26	1	20	RCD	2.5	OFFICE	GPOs	A
P27	1	20	RCD	2.5	GAMING	POKER MACHINES	A
P28	1	20	RCD	2.5	GAMING	POKER MACHINES	A
P29	1	20	RCD	2.5	GAMING	POKER MACHINES	A
P30	1	20	RCD	2.5	GAMING	POKER MACHINES	A
P31	1	20	RCD	2.5	GAMING	POKER MACHINES	A
P32	1	20	RCD	2.5	GAMING	POKER MACHINES	A
P33	1	20	RCD	2.5	GAMING	POKER MACHINES	A
P34	1	20	RCD	2.5	GAMING	POKER MACHINES	A
P35	1	20	RCD	2.5	GAMING	POKER MACHINES	A
P36	1	20	RCD	2.5	GAMING	POKER MACHINES	A
P37	1	20	RCD	2.5	TAB	TAB GPOS	A
P38	1	20	RCD	2.5	TAB	TAB GPOS	A
P39	1	20	RCD	2.5	TAB	TAB GPOS	A
P40	1	20	RCD	2.5	ROOF	GPOs	A
P41	1	20	RCD	2.5	EXTERNAL	HOT WATER	A
P42	1	20	RCD	2.5	EXTERNAL	HOT WATER	A
P43	1	20	RCD	2.5	EXTERNAL	HOT WATER	A
P44	1	20	RCD	2.5	LOADING	KEG ROOM	C
P45	1	25	RCD	4.0	OGAMING BAR	25A GPO	C
P46	1	20	RCD	2.5	GAMING OFFICE	RACK	D
P47	1	20	RCD	2.5	GAMING BAR	OVEN	D



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CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
L1	1	20	RCD	2.5	GAMING	SIGNS	A
L2	1	20	RCD	2.5	GAMING	SIGNS	A
L3	1	20	RCD	2.5	GAMING	SIGNS	A
L4	1	20	RCD	2.5	GAMING	SIGNS	A
L5	1	20	RCD PE ON DUSK OFF DAWN	2.5	EXTERNAL	LIGHTING	A
L6	1	20	RCD	2.5	LOADING	LIGHTING	B
L7	1	20	RCD	2.5	AMENITY	SIGNS	A
L8	1	20	RCD	2.5	DOSA	HEATERS	A
L9	1	20	RCD	2.5	DOSA	HEATERS	A
L10	1	20	RCD	2.5	DOSA	FANS	A
L11	1	20	RCD	2.5	DOSA AMENITY	LIGHTING	A
L12	1	20	RCD	2.5	FOYER	LIGHTING	A
L13	1	20	RCD	2.5	ENTRY	LIGHTING	A
L14	1	20	RCD	2.5	BAR	LIGHTING	A
L15	1	20	RCD	2.5	GAMING	LIGHTING	A
L16	1	20	RCD	2.5	GAMING	LIGHTING	A
L17	1	20	RCD	2.5	EXTERNAL	LIGHTING	A
L18	1	20	RCD	2.5	BACK OF HOUSE	LIGHTING	A