



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

C3685a - ALLENSTOWN HOTEL, ROCKHAMPTON

C3685a-0005(B).xls

DISTRIBUTION BOARD DB-B

REVISION B - 23 OCTOBER 2026

FAULT CURRENT: 6KA CHASSIS SIZE: 2 X 84 POLE CHASSIS RATING: 250A PHASES: 3 MAIN SWITCH: 250 NON AUTO LOAD BREAK SUPPLY CABLE: 1 C 185 SOURCE: MDB							REV
							A
							A
							A
							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 INCLUDING THE LIGHTING CONTROL 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. ENSURE THE SCHEDULE INCLUDES THE CIRCUIT USE AND LOCATION.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
P1	3	63	MCB	16.0	ROOF	CUG-01	A
P2	3	32	RCBO	6.0	ROOF	CUG-02	A
P3	1	20	RCBO	2.5	ROOF	CU1-01	A
P4	1	20	RCBO	2.5	ROOF	CU1-02	A
P5	1	20	RCBO	2.5	ROOF	CU1-03	A
P6	1	20	RCBO	2.5	ROOF	CU1-04	A
P7	1	20	RCBO	2.5	ROOF	CU1-05	A
P8	1	20	RCBO	2.5	ROOF	CU1-06	A
P9	1	20	RCBO	2.5	ROOF	CU1-07	A
P10	1	20	RCBO	2.5	ROOF	CU1-08	A
P11	1	20	RCBO	2.5	ROOF	CU1-09	A
P12	1	25	RCBO	4.0	ROOF	CU1-10	A
P13	1	20	RCBO	2.5	ROOF	CU1-11	A
P14	1	20	RCBO	2.5	ROOF	CU1-12	A
P15	1	20	RCBO	2.5	ROOF	CU1-13	A
P16	1	20	RCBO	2.5	ROOF / LEVEL 1	MAINTENANCE	A
P17	1	20	RCBO	2.5	LEVEL 1	ROOMS 1 & 2	A
P18	1	20	RCBO	2.5	LEVEL 1	ROOMS 3, 4 & 5	A
P19	1	20	RCBO	2.5	LEVEL 1	ROOMS 6, 7 & 8	A
P20	1	20	RCBO	2.5	LEVEL 1	ROOMS 9 & 10	A
P21	1	20	RCBO	2.5	GROUND	CUG03	A
P22	1	20	RCBO	2.5	GROUND	CUG04	A
P23	1	20	RCBO	2.5	GROUND	CUG05	A
P24	1	20	RCBO	2.5	OFFICE	AV RACK	A
P25	1	20	RCBO	2.5	OFFICE	AV RACK	A
P26	1	20	RCBO	2.5	GROUND	FCU	A
P27	1	20	RCBO	2.5	GROUND	FCU	A
P28	1	20	RCBO	2.5	GROUND	FCU	A
P29	1	20	RCBO	2.5	GROUND	FCU	A
P30	1	20	RCBO	2.5	GROUND	OFFICE	A
P31	1	20	RCBO	2.5	FOYER	RECEPTION	A
P32	1	20	RCBO	2.5	FOYER	FIP	A
P33	1	20	RCBO	2.5	SPORTS BAR	TV	A
P34	1	20	RCBO	2.5	SPORTS BAR	ORIAN	A
P35	1	20	RCBO	2.5	LOUNGE	KENO	A
P36	1	20	RCBO	2.5	LOUNGE	AUTO DOOR	A
P37	1	20	RCBO	2.5	TAB	TV	A
P38	1	20	RCBO	2.5	LOUNGE	TV	A
P39	1	20	RCBO	2.5	LOUNGE	ATM	A
P40	1	20	RCBO	2.5	LOUNGE	CLEANING	A
P41	1	20	RCBO	2.5	LOUNGE	LIFT	A
P42	1	20	RCBO	2.5	GAMING	TV	A
P43	1	20	RCBO	2.5	GAMING	CLEANING	A



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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 INCLUDING THE LIGHTING CONTROL 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. ENSURE THE SCHEDULE INCLUDES THE CIRCUIT USE AND LOCATION.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
P44	1	20	RCBO TC ON 10.00AM OFF 3.00AM	2.5	GAMING	TOILET EXHAUST	A
P45	1	20	RCBO	2.5	ENTRY	LED SCREEN	A
P46	1	20	RCBO	2.5	BISTRO	TV	A
P47	1	20	RCBO	2.5	BEER GARDEN	TV	A
P48	1	20	RCBO	2.5	OFFICE	AV RACK	A
P49	1	20	RCBO	2.5	OFFICE	AV RACK	A
P50	1	20	RCBO	2.5	OFFICE	CR-A	A
P51	3	40	MCB	6.0	GROUND	19.4KW HWS	B
P52	3	32	RCBO	6.0	ROOM 1	9.4KW HWS	B
P53	3	32	RCBO	6.0	ROOM 3	9.4KW HWS	B
P54	3	32	RCBO	6.0	ROOM 5	9.4KW HWS	B
P55	3	32	RCBO	6.0	ROOM 6	9.4KW HWS	B
P56	3	32	RCBO	6.0	ROOM 7	9.4KW HWS	B
P57	3	32	RCBO	6.0	ROOM 9	9.4KW HWS	B
P58	3	32	RCBO	6.0	ROOM 10	9.4KW HWS	B
L1	1	20	RCBO	2.5	FOYER	LIGHTING	A
L2	1	20	RCBO	2.5	LEVEL 1	LIGHTING	A
L3	1	20	RCBO	2.5	LEVEL 1	ROOMS 1 & 2	A
L4	1	20	RCBO	2.5	LEVEL 1	ROOMS 3, 4 & 5	A
L5	1	20	RCBO	2.5	LEVEL 1	ROOMS 6, 7 & 8	A
L6	1	20	RCBO	2.5	LEVEL 1	ROOMS 9 & 10	A
L7	1	20	RCBO	2.5	SPORTS BAR	FANS	A
L8	1	20	RCBO	2.5	BEER GARDEN	FANS	A
L9	1	20	RCBO	2.5	BEER GARDEN	FANS	A
L10	1	20	RCBO PE ON DUSK OFF DAWN	2.5	EXTERNAL	LIGHTING	A
L11	1	20	RCBO	2.5	GROUND	LIGHTING	A
L12	1	20	RCBO	2.5	GROUND	SIGNAGE	A
L13	1	20	RCBO	2.5	BOH GROUND	LIGHTING	A
L14	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L15	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L16	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L17	1	20	RCBO	2.5	LOUNGE	LIGHTING	A
L18	1	20	RCBO	2.5	EXTERNAL	LIGHTING	A
L19	1	20	RCBO	2.5	GAMING	LIGHTING	A
L20	1	20	RCBO	2.5	GAMING	LIGHTING	A
L21	1	20	RCBO	2.5	BISTRO	LIGHTING	A
L22	1	20	RCBO	2.5	BISTRO	LIGHTING	A
L23	1	20	RCBO	2.5	BEER GARDEN	LIGHTING	A
L24	1	20	RCBO	2.5	BEER GARDEN	LIGHTING	A