



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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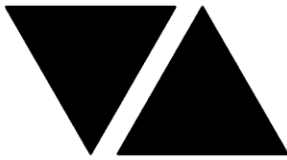
C2864a - DRY DOCK ROAD HOTEL, TWEED HEADS SOUTH

C2864a-0007(C).xls

DISTRIBUTION BOARD DB-2

REVISION C - 28 MAY 2026

							REV
FAULT CURRENT:		6kA	MAIN SWITCH:		250A NON AUTO LOAD BREAK		A
CHASSIS SIZE:		3 X 84 POLES	SUPPLIED FROM:		MSB		A
CHASSIS RATING:		250A	CABLE:		1C 120		A
PHASES:		A					A
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.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	EXTERNAL	MAINTENANCE	A
P2	1	20	RCBO	2.5		CLEANING	A
P3	1	20	RCBO	2.5		HWS	A
P4	1	20	RCBO	2.5		HD	A
P5	1	20	RCBO	2.5		HD	A
P6	1	20	RCBO	2.5	EXTERNAL	SHED	A
P7	1	20	RCBO	2.5		CLEANING	A
P8	1	20	RCBO	2.5		TV	A
P9	1	20	RCBO	2.5	EXTERNAL	LED SCREEN	A
P10	1	20	RCBO	2.5		CLEANING	A
P11	1	20	RCBO	2.5	BAR	POS	A
P12	1	20	RCBO	2.5	BAR	KENO	A
P13	1	20	RCBO	2.5	BAR	COFFEE	A
P14	1	20	RCBO	2.5	BAR	GPOs	A
P15	1	20	RCBO	2.5	BAR	GLASS WASHER	A
P16	1	20	RCBO	2.5	BAR	GPOs	A
P17	1	20	RCBO	2.5	BAR	GLASS WASHER	A
P18	1	20	RCBO	2.5	BAR	GPOs	A
P19	1	20	RCBO	2.5	BAR	GLASS WASHER	A
P20	1	20	RCBO	2.5	BAR	GLASS WASHER	A
P21	1	3	RCBO	2.5	BAR	HWS	A
P22	1	20	RCBO	2.5	BAR	TAB	A
P23	1	20	RCBO	2.5	BAR	GPOs	A
P24	1	20	RCBO	2.5	OFFICE	DESKS	A
P25	1	20	RCBO	2.5	OFFICE	TV	A
P26	1	20	RCBO	2.5	OFFICE	GPOs	A
P27	3	40		6.0	KITCHEN	22.5KW DW	A
P28	3	20	RCBO	2.5	KITCHEN	HWS	A
P29	3	20	RCBO	2.5	KITCHEN	11.2 KW COMBI	A
P30	3	40		6.0	KITCHEN	20.2 KW COMBI	A
P31	3	20	RCBO	2.5	KITCHEN	SALAMANDA	A
P32	3	20	RCBO	2.5	KITCHEN	MERRY CHEF	A
P33	1	20	RCBO	2.5	SERVERY	HEAT LAMP	A
P34	1	20	RCBO	2.5	SERVERY	HEAT LAMP	A
P35	1	20	RCBO	2.5	SERVERY	HEAT LAMP	A
P36	1	20	RCBO	2.5	SERVERY	HEAT LAMP	A
P37	1	20	RCBO	2.5	SERVERY	HEAT LAMP	A
P38	1	20	RCBO	2.5	SERVERY	HEAT LAMP	A
P39	1	20	RCBO	2.5	SERVERY	HEAT LAMP	A
P40	1	20	RCBO	2.5	SERVERY	HEAT LAMP	A
P41	1	20	RCBO	2.5	SERVERY	HEAT LAMP	A
P42	1	20	RCBO	2.5	SERVERY	PRINTER	A
P43	1	20	RCBO	2.5	SERVERY	BAINE MARIE	A
P44	1	20	RCBO	2.5	SERVERY	GPOs	A
P45	1	20	RCBO	2.5	SERVERY	REF	A



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PHASES:		A						A
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CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE		
P46	1	20	RCBO	2.5	SERVERY	PIZZA	A	
P47	1	20	RCBO	2.5	SERVERY	MW	A	
P48	1	20	RCBO	2.5	KITCHEN	MW	A	
P49	1	20	RCBO	2.5	KITCHEN	20A OUTLET	A	
P50	1	20	RCBO	2.5	KITCHEN	20A OUTLET	A	
P51	1	20	RCBO	2.5	KITCHEN	BAINE MARIE	A	
P52	3	20	RCBO	2.5	KITCHEN	MIXER	A	
P53	3	40		6.0	KITCHEN	23KW SMOKER	A	
P54	1	20	RCBO	2.5	KITCHEN	GPOs	A	
P55	1	20	RCBO	2.5		TV	A	
P56	1	20	RCBO	2.5		TV	A	
P57	1	20	RCBO	2.5		TV	A	
P58	1	20	RCBO	2.5		HEATER	C	
P59	1	20	RCBO	2.5	EXTERNAL	LED SCREEN	A	
P60	1	20	RCBO	2.5		HEATER	C	
L1	1	20	RCBO	2.5	HOTEL	SIGN	A	
L2	1	20	RCBO	2.5	HOTEL	SIGN	A	
L3	1	20	RCBO	2.5	HOTEL	LIGHTS	A	
L4	1	20	RCBO	2.5	HOTEL	LIGHTS	A	
L5	1	20	RCBO	2.5	HOTEL	LIGHTS	A	
L6	1	20	RCBO	2.5	HOTEL	LIGHTS	A	
L7	1	20	RCBO	2.5	HOTEL	LIGHTS	A	
L8	1	20	RCBO	2.5	HOTEL	LIGHTS	A	
L9	1	20	RCBO	2.5	HOTEL	LIGHTS	A	
L10	1	20	RCBO	2.5	HOTEL	LIGHTS	A	
L11	1	20	RCBO	2.5	HOTEL	LIGHTS	A	
L12	1	20	RCBO	2.5	HOTEL	FANS	A	
L13	1	20	RCBO	2.5	HOTEL	FANS	A	
L14	1	20	RCBO	2.5	HOTEL	LIGHTS	A	