



# ELECTRICAL DESIGN GROUP

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C3674a - BREAKFAST CREEK HOTEL - STAGE 2

C3674a-0005(A).xls

DISTRIBUTION BOARD DB-C

REVISION A - 23 FEBRUARY 2026

							REV	
FAULT CURRENT:		6KA	MAIN SWITCH:		250 NON AUTO LOAD BREAK		A	
CHASSIS SIZE:		2 X 96 POLE	SOURCE:		MSB		A	
CHASSIS RATING:		250A	SUPPLY CABLE:		4X1C X 150		A	
PHASES:		3						A
<p>REFER TO THE EQUIPMENT SCHEDULE AND NOTES FOR ADDITIONAL REQUIREMENTS. PROVIDE THE DB WITH TWO 600 WIDE EMPTY DIN RAILS 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. ENSURE THE SCHEDULE INCLUDES THE CIRCUIT USE AND LOCATION. REMOVE THE EXISTING DB-C, ADJACENT ENCLOSURES, CBUS MOUDULES AND LOAD CENTRES AND RECONNECT ALL OF THE EXISTING CIRCUITS THAT REMAIN WITH NEW AS3000 COMPLIANT SWITCHGEAR AND CONTROLS THAT HAVE THE SAME CAPACITY AND FUNCTION AS THE ORIGINAL.</p>							A	
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE		
P1	1	20	RCBO	2.5	KITCHEN	AIR CURTAIN	A	
P2	1	20	RCBO	2.5	KITCHEN	MICRO WAVE	A	
P3	3	40	RCBO	6.0	KITCHEN	22KW COMBI	A	
P4	3	20	RCBO	2.5	KITCHEN	12KW COMBIE	A	
P5	1	20	RCBO	2.5	KITCHEN	REF	A	
P6	1	20	RCBO	2.5	KITCHEN	GAS CONTROL	A	
P7	1	20	RCBO	2.5	KITCHEN	CONDENSOR HOOD	A	
P8	3	40	RCBO	6.0	KITCHEN	22KW COMBI	A	
P9	1	20	RCBO	2.5	KITCHEN	REF	A	
P10	1	20	RCBO	2.5	KITCHEN	AB GPOs	A	
P11	1	20	RCBO	2.5	KITCHEN	MICRO WAVE	A	
P12	1	20	RCBO	2.5	KITCHEN	REF	A	
P13	3	20	RCBO	2.5	KITCHEN	DISH WASHER	A	
P14	3	40	RCBO	6.0	KITCHEN	22KW COMBI	A	
P15	1	25	RCBO	4.0	KITCHEN	IMPINGER	A	
P16	1	25	RCBO	4.0	KITCHEN	IMPINGER	A	
P17	1	20	RCBO	2.5	KITCHEN	DISPLAY	A	
P18	1	20	RCBO	2.5	KITCHEN	CHIP HOLDER	A	
P19	1	20	RCBO	2.5	KITCHEN	REF	A	
P20	1	20	RCBO	2.5	KITCHEN	POS	A	
P21	1	20	RCBO	2.5	KITCHEN	REF	A	
P22	1	20	RCBO	2.5	KITCHEN	REF	A	
P23	1	20	RCBO	2.5	KITCHEN	WARMING DRAW	A	
P24	1	20	RCBO	2.5	KITCHEN	WARMING DRAW	A	
P25	1	20	RCBO	2.5	KITCHEN	WARMING DRAW	A	
P26	1	20	RCBO	2.5	ROOF	REF COMPRESSOR	A	
P27	1	20	RCBO	2.5	ROOF	REF COMPRESSOR	A	
P28	3	20	RCBO	2.5	ROOF	KEF 01	A	
P29	3	20	RCBO	2.5	ROOF	KEF 02	A	
P30	3	20	RCBO	2.5	ROOF	KEF 03	A	
P31	3	20	RCBO	2.5	ROOF	KEF 04	A	
P32	3	20	RCBO	2.5	ROOF	KSF 01	A	
L1	1	20	RCBO	2.5	KITCHEN	LIGHTING	A	
L2	1	20	RCBO	2.5	KITCHEN	LIGHTING	A	
L3	1	20	RCBO	2.5	KITCHEN	LIGHTING	A	
L4	1	20	RCBO	2.5	KITCHEN	LIGHTING	A	
L5	1	20	RCBO	2.5	KITCHEN	LIGHTING	A	
L6	1	20	RCBO	2.5	KITCHEN	HEAT LAMPS	A	
L7	1	20	RCBO	2.5	KITCHEN	HEAT LAMPS	A	
L8	1	20	RCBO	2.5	KITCHEN	HEAT LAMPS	A	
L9	1	20	RCBO	2.5	KITCHEN	HEAT LAMPS	A	
L10	1	20	RCBO	2.5	KITCHEN	HEAT LAMPS	A	