



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C2559a - THE BELVEDERE HOTEL, WOODY POINT

C2559a-0014(C).xls

DISTRIBUTION BOARD DB-K2

REVISION C - 05 SEPTEMBER 2022

							REV
FAULT CURRENT:		6KA USING CASCADING		MAIN SWITCH:		250A NON AUTO LOAD BREAK	A
CHASSIS SIZE:		60 POLES		SUPPLIED FROM:		MSB	A
CHASSIS RATING:		250A		SUPPLY CABLE:		1C120	A
PHASES:		3					A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS. DB-K1 IS TO BE IP 66 MARINE GRADE STAINLESS STEEL SURFACE MOUNTED C/W FLUSH HANDLE AND A REMOVABLE STAINLESS STEEL HAT SECTION CONNECTING THE TOP OF THE DB TO THE CEILING SPACE .							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P1	1	20	RCD	2.5	KITCHEN	REF	A
P2							B
P3	1	32	RCD	6.0	PIZZERIA	HEAT LAMPS	A
P4	1	20	RCD	2.5	PIZZERIA	REF	A
P5	1	20	RCD	2.5	PIZZERIA	AB GPOs	A
P6	1	20	RCD	2.5	PIZZERIA	REF	A
P7	1	20	RCD	2.5	PIZZERIA	POS	A
P8	1	20	RCD	2.5	PIZZERIA	REF	A
P9	1	20	RCD	2.5	PIZZERIA	HEAT LAMPS	A
P10	1	20	RCD	2.5	KITCHEN	15A AB GPO	A
P11	1	20	RCD	2.5	KITCHEN	AB GPOs	A
P12	1	20	RCD	2.5	KITCHEN	MICROWAVE	A
P13	1	20	RCD	2.5	KITCHEN	VEG PREP REF	A
P14							B
P15	1	20	RCD	2.5	KITCHEN	15A AB GPO	A
P16	1	20	RCD	2.5	KITCHEN	REF	A
P17	1	20	RCD	2.5	KITCHEN	REF	A
P18	1	20	RCD	2.5	KITCHEN	AB GPOs	A
P19	3	63		16.0	KITCHEN	37.2KW COMBI	A
P20	3	63		16.0	KITCHEN	37.2KW COMBI	A
P21	1	20	RCD	2.5	KITCHEN	GAS STARTERS	A
P22	3	20	RCD	2.5		FIRE SHUTTER	A
P23	3	20	RCD	2.5		FIRE SHUTTER	A
P24	1	20	RCD	2.5	BACK OF HOUSE	BACK OF HOUSE	A
P25	1	20	RCD	2.5	BACK OF HOUSE	COOLROOM	A
P26	1	20	RCD	2.5	BACK OF HOUSE	COOLROOM	A
P27	1	20	RCD	2.5	BACK OF HOUSE	LIFT SUMP PUMP	B
P28	1	20	RCD	2.5	KITCHEN	GELATO	C