



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C2559a - THE BELVEDERE HOTEL, WOODY POINT

C2559a-0011(B).xls

DISTRIBUTION BOARD DB-C (LEVEL 1 NORTH)

REVISION B - 30 JUNE 2022

FAULT CURRENT: 6KA USING CASCADING CHASSIS SIZE: 60 POLES CHASSIS RATING: 250A PHASES: 3							REV
MAIN SWITCH: 250A NON AUTO LOAD BREAK							A
SUPPLIED FROM: MSB							A
SUPPLY CABLE: 4C70							A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE INITIAL PHILIPS DYNALITE CONTROLS .. DB-A IS INTEGRAL TO THE MSB REFER TO THE POWER SCHEMATIC. REINSTATE THE EXISTING MSB SERVICES THAT REMAIN WITH NEW SWITCHGEAR AND CONTROLS TO MATCH THE EXISTING IN CAPACITY AND FUNCTION.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P1	1	20	RCD	2.5	BACK OF HOUSE	CLEANING	A
P2	1	20	RCD	2.5	VERANDA	CLEANING	A
P3	1	20	RCD	2.5	FUNCTION ROOM	GPOs	A
P4	1	20	RCD	2.5	VERANDA	TVS	A
P5	1	20	RCD	2.5	LOUNGE	TVS	A
P6	1	20	RCD	2.5	LOUNGE	CLEANING	A
P7	1	20	RCD	2.5	WASH UP	ICE MACHINE	A
P8	1	20	RCD	2.5	WASH UP	GLASS WASHER	A
P9	1	20	RCD	2.5	WASH UP	GLASS WASHER	A
P10	1	20	RCD	2.5	BAR	REF	A
P11	1	20	RCD	2.5	BAR	GPOs	A
P12	1	20	RCD	2.5	BAR	POS	A
P13							B
P14	1	20	RCD	2.5	BAR	REF	A
P15	1	20	RCD	2.5	BAR	GLASS WASHER	A
P16	1	20	RCD	2.5	BAR	GPOs	A
P17	1	20	RCD	2.5	BAR	GPOs	A
P18	3	20	RCD	2.5	BAR	HWS	B
L1	1	20	RCD	2.5	LEVEL 1 NORTH	HEATER	A
L2	1	20	RCD	2.5	LEVEL 1 NORTH	HEATER	A
L3	1	20	RCD	2.5	LEVEL 1 NORTH	HEATER	A
L4	1	20	RCD	2.5	LEVEL 1 NORTH	HEATER	A
L5	1	20	RCD	2.5	LEVEL 1 NORTH	HEATER	A
L6	1	20	RCD	2.5	LEVEL 1 NORTH	LIGHTS	A
L7	1	20	RCD	2.5	LEVEL 1 NORTH	FANS	A
L8	1	20	RCD	2.5	LEVEL 1 NORTH	LIGHTS	A
L9	1	20	RCD	2.5	LEVEL 1 NORTH	LIGHTS	A
L10	1	20	RCD	2.5	LEVEL 1 NORTH	LIGHTS	A
L11	1	20	RCD	2.5	LEVEL 1 NORTH	LIGHTS	A
L12	1	20	RCD	2.5	LEVEL 1 NORTH	LIGHTS	A
L13	1	20	RCD	2.5	LEVEL 1 NORTH	LIGHTS	A
L14	1	20	RCD	2.5	LEVEL 1 NORTH	LIGHTS	A