



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3628a - SUNNYBANK HOTEL

C3628a-0005(A).xls

DISTRIBUTION BOARD DB-2

REVISION A - 10 OCTOBER 2025

FAULT CURRENT: 6KA							REV
MAIN SWITCH: 250 NON AUTO LOAD BREAK							A
CHASSIS SIZE: 84 POLE							A
CHASSIS RATING: 250A							A
PHASES: 3							A
SUPPLY CABLE: EXISTING							A
SOURCE: MDB							A
REFER TO THE EQUIPMENT SCHEDULE AND NOTES FOR ADDITIONAL REQUIREMENTS. PROVIDE THE DB WITH TWO FULL WIDTH EMPTY DIN RAILS TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE 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. ALLOW NEW SWITCHGEAR AND CONTROLS TO CONNECT ANY EXISTING DB-2 AND ASSOCIATED LOAD CENTRE CIRCUITS THAT REMAIN.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm <sup>2</sup> )	LOCATION	CIRCUIT USE	A
P1	1	20	RCBO	2.5	DINING	PROJECTOR	A
P2	1	20	RCBO	2.5	BAR	KENO	A
P3	1	20	RCBO	2.5	BAR	REF	A
P4	1	20	RCBO	2.5	BAR	REF	A
P5	3	63		16.0	STORE	DB-T	A
							A
							A
							A
							A
							A
							A
							A
							A
							A
							A