



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3591a - BURLEIGH HEADS HOTEL

C3591a-0005(A).xls

DISTRIBUTION BOARD DB-L

REVISION A - 01 OCTOBER 2025

FAULT CURRENT: 6KA							250 NON AUTO LOAD BREAK	REV
CHASSIS SIZE: 36 POLE								A
CHASSIS RATING: 250A							SUPPLY CABLE: EXISTING	A
PHASES: 3								A
REFER TO THE EQUIPMENT SCHEDULE AND NOTES FOR ADDITIONAL REQUIREMENTS. 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. ENSURE THE SCHEDULE INCLUDES THE CIRCUIT USE AND LOCATION. ALLOW NEW SWITCHGEAR AND CONTROLS TO CONNECT ANY EXISTING DB-CBUS CIRCUITS THAT REMAIN.								A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE		A
L1	1	20	RCBO	2.5		LIGHTING		A
L2	1	20	RCBO	2.5		LIGHTING		A
L3	1	20	RCBO	2.5		LIGHTING		A
L4	1	20	RCBO	2.5		LIGHTING		A
L5	1	20	RCBO	2.5		LIGHTING		A
L6	1	20	RCBO	2.5		LIGHTING		A
L7	1	20	RCBO	2.5		LIGHTING		A
L8	1	20	RCBO	2.5		LIGHTING		A
L9	1	20	RCBO	2.5		LIGHTING		A
L10	1	20	RCBO	2.5		LIGHTING		A
L11	1	20	RCBO	2.5		LIGHTING		A
L12	1	20	RCBO	2.5		LIGHTING		A
L13	1	20	RCBO	2.5		LIGHTING		A
L14	1	20	RCBO	2.5		LIGHTING		A
L15	1	20	RCBO	2.5		LIGHTING		A
L16	1	20	RCBO	2.5		LIGHTING		A
L17	1	20	RCBO	2.5		LIGHTING		A
L18	1	20	RCBO	2.5		LIGHTING		A
L19	1	20	RCBO	2.5		LIGHTING		A
								A