



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3391a - WATERFRONT HOTEL, DIDDILLIBAH

C3391a-0007(B).xls

DISTRIBUTION BOARD DB-G

REVISION B - 23 JUNE 2025

<div>FAULT CURRENT: 6KA</div> <div>CHASSIS SIZE: 36 POLE</div> <div>CHASSIS RATING: 250A</div> <div>PHASES: 3</div> <div>MAIN SWITCH: 250A NON AUTO LOAD BREAK</div> <div>SUPPLIED FROM: MSB</div> <div>SUBMAIN SIZE: 4C16</div>							REV
							A
							A
							A
							A
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. RECONNECT ALL OF THE EXISTING DB-G CIRCUITS THAT REMAIN AND THE CIRCUITS WITHIN THE AREA NOMINATED AS DB-G ON THE SWITCHBOARD ZONE PLAN TO THE NEW DB-G WITH NEW SWITCHGEAR AND CONTROLS THAT HAS THE SAME CAPACITY AND FUNCTION AS THE ORIGINAL. UPDATE THE SCHEDULE AT PRACTICAL COMPLETION TO INCLUDE THE CIRCUIT USE AND LOCATION.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	A
P1	1	20	RCBO	2.5	BAR	REF	A
P2	1	20	RCBO	2.5	BAR	GPOs	A
							A
							A
							A
							A
							A
							A
L1	1	20	RCBO	2.5	AMENITY	LIGHTS	A
L2	1	20	RCBO	2.5	EXTERNAL	LIGHTS	A
L3	1	20	RCBO	2.5	FUNCTION ROOM	LIGHTS	A
L4	1	20	RCBO	2.5	FUNCTION ROOM	LIGHTS	A
L5	1	20	RCBO	2.5	FUNCTION ROOM	LIGHTS	A
L6	1	20	RCBO	2.5	BOARDWALK	LIGHTS	B
							A
							A
							A
							A
							A