



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375

Website: www.edg.net.au Email: brisbane@edg.net.au

C3391a - WATERFRONT HOTEL, DIDDILLIBAH

C3391a-0007(A).xls

DISTRIBUTION BOARD DB-G

REVISION A - 22 NOVEMBER 2024

FAULT CURRENT: 6KA CHASSIS SIZE: 36 POLE CHASSIS RATING: 250A PHASES: 3							<b>REV</b> A A A A
MAIN SWITCH: 250A NON AUTO LOAD BREAK SUPPLIED FROM: MSB SUBMAIN SIZE: 4C16							
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.							
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	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
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
							A
							A
							A
							A
							A