ELECTRICAL DESIGN GROUP
ELECTRICAL BUILDING SERVICES CONSULTANTS
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C2741a - GEEBUNG RSL **C2741a-0005(B).xls**

DISTRIBUTION BOARD DB-M1

REVISION B - 29 AUGUST 2023

				REV
FAULT CURRENT:	6kA UTILISING CASCADING	MAIN SWITCH:	160A NON AUTO LOAD BREAK SWITCH	A
CHASSIS SIZE:	96 POLES	SUPPLIED FROM:	MSB	A
CHASSIS RATING:	250A	SUPPLY CABLE:	EXISTING	A
PHASES:	3			A

PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE INITIAL CONTROL EQUIPMENT. PROVIDE THE DB WITH SURGE PROTECTION. PROVIDE A SHOP DRAWING FOR APPROVAL. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. — A

IN ADDITION TO THE FOLLOWING CIRCUITS RECONNECT / SUPPLY ALL OF THE DB-M1 AND DB-M2 CIRCUITS LESS THAN 63 AMPS TO / FROM THE NEW DBV-M1 WITH NEW SWITCHGEAR INCLUDING RCD PROTECTION TO THE CURRENT VERSION OF AS3000. — A

CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm^2)	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	BAR	TAB	A
P2	1	20	RCBO	3.5	BAR	KENO	A
P3	1	20	RCBO	4.5	STAFF ROOM	GPOs	A
P4	1	20	RCBO	5.5	SPORTS BAR	TV	A
P5	1	20	RCBO	6.5	SPORTS BAR	TV	A
P6	1	20	RCBO	7.5	SPORTS BAR	TV	A
P7	1	20	RCBO	8.5	TAB WALL	TV	A
P8	1	20	RCBO	9.5	TAB WALL	TV	A
P9	1	20	RCBO	10.5	TAB WALL	TERMINAL	B
P10	1	20	RCBO	11.5	TAB WALL	NODI	A
P11	1	20	RCBO	12.5	TAB WALL	ODDS	A
P12	1	20	RCBO	13.5	TAB WALL	TV	A
L1	1	20	RCD	2.5	SPORTS BAR	LIGHTING	A

ELECTRICAL DESIGN GROUP BRISBANE PTY LTD ACN 092 710 793
TRADING AS – ELECTRICAL DESIGN GROUP ABN 96 092 710 793