ELECTRICAL DESIGN GROUP
ELECTRICAL BUILDING SERVICES CONSULTANTS
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C3584a - METROPOLE HOTEL, PROSERPINE **C3584a-0007(A).xls**

DISTRIBUTION BOARD DB-C

REVISION A - 09 NOVEMBER 2026

				REV
FAULT CURRENT:	6kA	MAIN SWITCH:	250A NON AUTO LOAD BREAK	A
CHASSIS SIZE:	60 POLES	SUPPLIED FROM:	MSB	A
CHASSIS RATING:	250A	CABLE:	4C+E 70	A
PHASES:	A			A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROLS PROVIDED AS PART OF THE INITIAL WORKS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL FUTURE EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION.				A

CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm^2)	LOCATION	CIRCUIT USE	
P1	3	20	RCBO C1	2.5	ROOF	KEF	A
P2	3	40	RCBO	6.0	ROOF	HWS	A
P3	3	25	RCBO	4.0	ROOF	CU 1	A
P4	3	25	RCBO	4.0	ROOF	CU2	A
P5	1	20	RCBO	2.5	ROOF	PUMP	A
P6	1	20	RCBO	2.5	ROOF	REF COMPRESSOR	A
P7	1	20	RCBO	2.5	ROOF	REF COMPRESSOR	A
P8	1	20	RCBO	2.5	ROOF	GPOs	A
P9	1	20	RCBO	2.5	LEVEL 1	HWS	A
P10	1	20	RCBO	2.5	ROOF	GAMING AC	A
P11	1	20	RCBO	2.5	LEVEL 1	CR-1	A
P12	1	20	RCBO	2.5	LEVEL 1	CR-1	A
P13	3	63	MCB	16.0	LEVEL 1	DB-4	A
P14	1	20	RCBO	2.5	ROOF	FAN	A
L1	1	20	PE CELL ON DUSK TC OFF 3.00AM	2.5	EXTERNAL	SIGN	A
L2	1	20	PE CELL ON DUSK TC OFF 3.00AM	2.5	EXTERNAL	SIGN	A

ELECTRICAL DESIGN GROUP BRISBANE PTY LTD ACN 092 710 793
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