



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C2549a - COMMERCIAL HOTEL, KINGAROY - STAGE 1

C2549a-0006(G).xls

DISTRIBUTION BOARD DB-D

REVISION G - 23 FEBRUARY 2024

							REV
FAULT CURRENT:		6KA UTILISING CASCADING		MAIN SWITCH:		160A NON AUTO LOAD BREAK	A
CHASSIS SIZE:		48 POLES		SUPPLIED FROM:		DB-M	E
CHASSIS RATING:		250A		SUPPLY CABLE:		4C16	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 CONTROLS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. PROVIDE THE DB WITH A LOCKABLE FLUSH HANDLE.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
P1	1	20	RCD	2.5	AMENITY	HAND DRYER	B
P2	1	20	RCD	2.5	AMENITY	HAND DRYER	A
P3							G
P4	1	20	RCD	2.5	GAMING	CLEANING	A
P5	1	20	RCD	2.5	GAMING	TV	A
P6	1	20	RCD	2.5	GAMING	CONTROL	A
P7	1	20	RCD	2.5	GAMING	POKER MACHINES	A
P8	1	20	RCD	2.5	GAMING	POKER MACHINES	A
P9	1	20	RCD	2.5	GAMING	POKER MACHINES	A
P10	1	20	RCD	2.5	GAMING	POKER MACHINES	A
P11	1	20	RCD	2.5	GAMING	POKER MACHINES	A
P12	1	20	RCD	2.5	GAMING	POKER MACHINES	A
P13	1	20	RCD	2.5	GAMING	CRT	C
P14	1	20	RCD TC ON / OFF	2.5	ROOF	OA FAN	D
P15	3	25	RCD	4.0	AMENITY	14.5KW HWS	A
P16	3	20	RCD TC ON / OFF	2.5	ROOF	TE FAN	D
P17	1	25	RCD	4.0	ROOF	AC CONDENSOR	C
P18	1	20	RCD	2.5	BEER GARDEN	HEATER	E
P19	1	20	RCD	2.5	BEER GARDEN	HEATER	E
P20	1	20	RCD	2.5	BEER GARDEN	HEATER	E
P21	1	20	RCD	2.5	BEER GARDEN	HEATER	E
P22	1	20	RCD	2.5	BEER GARDEN	FAN	E
P23	1	20	RCD	2.5	BEER GARDEN	HEATER	F
L1	1	20	RCD	2.5	AMENITY	LIGHTING	A
L2	1	20	RCD	2.5	GAMING	LIGHTING	A
L3	1	20	RCD	2.5	BEER GARDEN	LIGHTING	E
L4	1	20	RCD	2.5	FANS	LIGHTING	E
L5	1	20	RCD	2.5	DINING	LIGHTING	E
L6	1	20	RCD	2.5	DINING	LIGHTING	E