



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375 Fax: (07) 3716 0222

Web Site: www.edg.net.au Email: brisbane@edg.net.au

C2549a - COMMERCIAL HOTEL, KINGAROY - STAGE 1

C2549a-0004(H).xls

DISTRIBUTION BOARD DB-A

REVISION H - 23 FEBRUARY 2024

							REV
FAULT CURRENT:		6KA UTILISING CASCADING		MAIN SWITCH:		160A NON AUTO LOAD BREAK	A
CHASSIS SIZE:		74 POLES		SUPPLIED FROM:		MSB	A
CHASSIS RATING:		250A		SUPPLY CABLE:		4C25	A
PHASES:		3					A
<p>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 AND A RECESS KIT SUCH THAT THE DISTRIBUTION BOARD IS FLUSH RECESSED INTO THE WALL. ALLOW FOR THE EXTERNAL HOUSING AND TRIM TO BE POWDER COAT WHITE. THE ARCHITECT WILL CONFIRM THE COLOUR OF THE RECESS KIT AND EXTERNAL HOUSING PRIOR TO MANUFACTURE. IN ADDITION TO THE CIRCUITS NOTED BELOW ALLOW FOR ALL NEW SWITCHGEAR AND CONTROLS TO RECONNECT ALL OF THE EXISTING DB-A CIRCUITS THAT REMAINS.</p>							C
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
P1	1	20	RCD	2.5	AMENITY	GPOs	A
P2	1	20	RCD	2.5	AMENITY	HAND DRYER	A
P3	1	20	RCD	2.5	TAB	NODI	A
P4	1	20	RCD	2.5	TAB	TV	A
P5	1	20	RCD	2.5	TAB	TV	A
P6	1	20	RCD	2.5	TAB	SST	E
P7							F
P8							H
P9	1	20	RCD	2.5	BAR COUNTER	TAB	A
P10	1	20	RCD	2.5	BAR COUNTER	KENO	A
P11	3	25	RCD	4.0	AMENITY	14.5 KW HWS	A
P12	1	20	RCD	2.5	SPORTS BAR	TV	B
P13	1	20	RCD	2.5	SPORTS BAR	REAR BAR	C
P14	1	20	RCD	2.5	SPORTS BAR	GLASS WASHER	D
P15	1	20	RCD	2.5	SPORTS BAR	REF	D
P16	1	20	RCD	2.5	SPORTS BAR	REF	D
P17	1	20	RCD	2.5	SPORTS BAR	COMMS	D
P18	1	20	RCD	2.5	SPORTS BAR	JUKE BOX	G
P19	1	20	RCD	2.5	SPORTS BAR	DJ	G
P20	1	20	RCD	2.5	SPORTS BAR	DJ	G
P21	1	20	RCD	2.5	ENTRY	EDCIE EWCIE	H
P22	1	20	RCD	2.5	ENTRY	KIOSK	H
L1	1	20	RCD	2.5	AMENITIES	LIGHTING	A
L2	1	20	RCD PE ON DUSK OTC OFF	2.5	EXTERNAL	SIGNS	D
L3	1	20	RCD PE ON DUSK OTC OFF	2.5	EXTERNAL	SIGNS	D
L4	1	20	RCD	2.5	INTERNAL	SIGNS	A
L5	1	20	RCD	2.5	EXTERNAL	ENTRY LIGHTING	A
L6	1	20	RCD	2.5	FOYER	LIGHTING	A
L7	1	20	RCD	2.5	AWNING	FOOTPATH LIGHTING	A
L8	1	20	RCD PE ON DUSK OTC OFF	2.5	EXTERNAL	SIGNS	D