

## **ELECTRICAL DESIGN GROUP**

MAIN SWITCH:

ELECTRICAL BUILDING SERVICES CONSULTANTS P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375

250A NON AUTO

LOAD BREAK

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

## C3257a - PUB MOOLOOLABA DISTRIBUTION BOARD DB-A REVISION D - 26 FEBRUARY 2025

FAULT CURRENT:

6KA

C3257a-0005(D).xls

REV

Α

Α

CHASSIS SIZE:	60 + 84 POLE	Α		
CHASSIS RATING:	250A	Α		
PHASES:	3	Α		
B WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO INCLUDING THE DYNALITE EQUIPMENT PROVIDED AS PART OF THE INITIAL WORKS. PROVIDE THE DB WITH AN				

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-A CIRCUITS THAT REMAIN TO THE NEW DB-A WITH NEW SWITCHGEAR AND CONTROLS THAT HAS THE SAME CAPACITY AND FUNCTION AS THE ORIGINAL. RECONNECT THE EXISTING SUPPLY SUBMAIN. REMOVE THE ADJACENT RCD ENCLOSURE. UPDATE THE SCHEDULE AT PRACTICAL COMPLETION TO INCLUDE THE CIRCUIT USE AND LOCATION. PROVIDE THE DB WITH 2 X 3 PHASE 100 AMP DIN RAIL MOUNTED CIRCUIT BREAKERS TO SUPPLY THE TWO EXISTING AIRCONDITIONING SYSTEMS.

	р	CIRCUIT	CONTROL EQUIPMENT	CABLE	LOCATION	CIRCUIT	i
CIRC	PH	BREAKER (amps)		SIZE ( mm² )	LOCATION	USE	
P1	1	20	RCBO	2.5	BAR	ATM	Α
P2	1	20	RCBO	2.5	BAR	CLEANING	Α
P3	1	20	RCBO	2.5	BAR	TV	Α
P4							С
P5							С
P6	1	20	RCBO	2.5	BAR	TV	Α
P7	1	20	RCBO	2.5	BAR	TAB	Α
P8	1	20	RCBO	2.5	BAR	TAB	Α
P9	1	20	RCBO	2.5	BAR	TAB	Α
P10	1	20	RCBO	2.5	BAR	AUTO DOOR	Α
P11	1	20	RCBO	2.5	BAR	POS	Α
P12	1	20	RCBO	2.5	BAR	BAR COUNTER	Α
P13	1	20	RCBO	2.5	BAR	REF	Α
P14	1	20	RCBO	2.5	BAR	GLASS WASHER	Α
P15	1	20	RCBO	2.5	BAR	GLASS WASHER	Α
P16	1	20	RCBO	2.5	GAMING	REF	Α
P17	1	20	RCBO	2.5	GAMING	COFFEE	Α
P18	1	20	RCBO	2.5	GAMING	POS	Α
P19	1	20	RCBO	2.5	GAMING	REF	Α
P20	1	20	RCBO	2.5	GAMING	BAR COUNTER	Α
P21							С
P22							С
P23	1	20	RCBO	2.5	GAMING	CLEANING	Α
P24	1	20	RCBO	2.5	GAMING	CRT	Α
P25	1	20	RCBO	2.5	GAMING	CRT	Α
P26	1	20	RCBO	2.5	GAMING	MODEM	Α
P27	1	20	RCBO	2.5	GAMING	GAMING MACHINES	Α
P28	1	20	RCBO	2.5	GAMING	GAMING MACHINES	Α
P29	1	20	RCBO	2.5	GAMING	GAMING MACHINES	Α
P30	1	20	RCBO	2.5	GAMING	GAMING MACHINES	Α
P31	1	20	RCBO	2.5	GAMING	GAMING MACHINES	Α
P32	1	20	RCBO	2.5	GAMING	GAMING MACHINES	Α
P33	1	20	RCBO	2.5	GAMING	GAMING MACHINES	Α
P34	1	20	RCBO	2.5	GAMING	GAMING MACHINES	Α
P35	1	20	RCBO	2.5	GAMING	SIGN	Α
P36	1	20	RCBO	2.5	GAMING	SIGN	Α
P37	1	20	RCBO	2.5	GAMING	SIGN	Α
P38	1	20	RCBO	2.5	GAMING	GAMING MACHINES	В
							1



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PHASES:	3			Α
	MPTY DIN RAIL TO ACCOMMODATE FUTURE CON		OLS IN ADDITION TO	

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-A CIRCUITS THAT REMAIN TO THE NEW DB-A WITH NEW SWITCHGEAR AND CONTROLS THAT HAS THE SAME CAPACITY AND FUNCTION AS THE ORIGINAL. RECONNECT THE EXISTING SUPPLY SUBMAIN. REMOVE THE ADJACENT RCD ENCLOSURE. UPDATE THE SCHEDULE AT PRACTICAL COMPLETION TO INCLUDE THE CIRCUIT USE AND LOCATION. PROVIDE THE DB WITH 2 X 3 PHASE 100 AMP DIN RAIL MOUNTED CIRCUIT BREAKERS TO SUPPLY THE TWO EXISTING AIRCONDITIONING SYSTEMS.

CIRC	PH	CIRCUIT	CONTROL	CABLE	LOCATION	CIRCUIT	
		BREAKER (amps)	EQUIPMENT	SIZE ( mm² )		USE	
L1	1	20	RCBO	2.5	BISTRO	LIGHTS	В
L2	1	20	RCBO	2.5	BISTRO	MODULE 1	D
L3	1	20	RCBO	2.5	BISTRO	MODULE 2	D
L4	1	20	RCBO	2.5	BISTRO	MODULE 3	D
L5	1	20	RCBO	2.5	BISTRO	MODULE 4	D
L6	1	20	RCBO	2.5	BISTRO	MODULE 5	D
L7	1	20	RCBO	2.5	GAMING	MODULE 6	D
L8	1	20	RCBO	2.5	AMENITIES	MODULE 7	D
L9	1	20	RCBO / CONTACTOR	2.5	GAMING	CH '16 17 18 & 19	D
L10							D
L11							D
L12							D
L13							D
L14							В
L15							В
L16							В