

ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

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C3336a - FLEXIBLE LEARNING CENTRE, IPSWICH - RENOVATIONS

C3336a-0004(A).xls

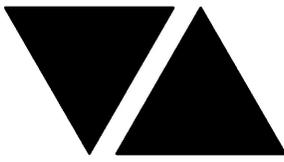
DISTRIBUTION BOARD DB-A (GROUND NORTH)

REVISION A - 11 NOVEMBER 2024

							REV
FAULT CURRENT:		6KA USING CASCADING		MAIN SWITCH:		250A NON AUTO LOAD BREAK	A
CHASSIS SIZE:		CHASSIS 1 - 84 POLE CHASSIS 2 & 3 EACH 72 POLES		SUPPLIED FROM:		MSB	A
CHASSIS RATING:		250A		SUPPLY CABLE:		4C70	A
PHASES:		A					A
<p>PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROLS IT PROVIDED AS PART OF THE INITIAL FITOUT. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. EACH CUBICAL MUST BE AT LEAST 700MM WIDE. REFER TO THE NOTES AND THE SCHEMATIC FOR ADDITIONAL REQUIREMENTS.</p>							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	A
P1	1	20	RCBO	2.5	INDUSTRIAL ARTS	CHARGER	A
P2	1	20	RCBO	2.5	INDUSTRIAL ARTS	CHARGER	A
P3	1	20	RCBO	2.5	INDUSTRIAL ARTS	GPO	A
P4	1	20	RCBO	2.5	INDUSTRIAL ARTS	20A	A
P5	3	20	RCBO	2.5	INDUSTRIAL ARTS	3PH	A
P6	1	20	RCBO	2.5	INDUSTRIAL ARTS	20A	A
P7	1	20	RCBO	2.5	INDUSTRIAL ARTS	20A	A
P8	3	20	RCBO	2.5	INDUSTRIAL ARTS	3PH	A
P9	1	20	RCBO	2.5	INDUSTRIAL ARTS	20A	A
P10	1	20	RCBO	2.5	INDUSTRIAL ARTS	20A	A
P11	1	20	RCBO	2.5	INDUSTRIAL ARTS	GPO	A
P12	1	20	RCBO	2.5	INDUSTRIAL ARTS	RSD	A
P13	1	20	RCBO	2.5	EXTERNAL	GPO	A
P14	3	40	RCBO	6.0	EXTERNAL	3PH	A
P15	1	20	RCBO	2.5	EXTERNAL	GPO	A
P16	1	20	RCBO	2.5	INDUSTRIAL ARTS	GPO	A
P17	1	20	RCBO	2.5	INDUSTRIAL ARTS	SUS	A
P18	1	20	RCBO	2.5	INDUSTRIAL ARTS	SUS	A
P19	1	20	RCBO	2.5	INDUSTRIAL ARTS	SUS	A
P20	1	20	RCBO	2.5	INDUSTRIAL ARTS	SUS	A
P21	1	20	RCBO	2.5	INDUSTRIAL ARTS	SUS	A
P22	1	20	RCBO	2.5	INDUSTRIAL ARTS	GPO	A
P23	1	20	RCBO	2.5	INDUSTRIAL ARTS	TV	A
P24	1	20	RCBO	2.5	INDUSTRIAL ARTS	GPO	A
P25	1	20	RCBO	2.5	INDUSTRIAL ARTS	20A	A
P26	1	20	RCBO	2.5	INDUSTRIAL ARTS	20A	A
P27	3	20	RCBO	2.5	INDUSTRIAL ARTS	3PH	A
P28	1	20	RCBO	2.5	INDUSTRIAL ARTS	20A	A
P29	1	20	RCBO	2.5	INDUSTRIAL ARTS	20A	A
P30	1	20	RCBO	2.5	INDUSTRIAL ARTS	GPO	A
P31	1	20	RCBO	2.5	EXTERNAL	COFFEE	A
P32	3	32	RCBO	4.0	EXTERNAL	COFFEE	A
P33	1	20	RCBO	2.5	KITCHEN	CLEANING	A
P34	1	20	RCBO	2.5	KITCHEN	SERVERY	A
P35	1	20	RCBO	2.5	EXTERNAL	WASHUP GPO	A
P36	1	20	RCBO	2.5	EXTERNAL	DRINK FOUNTAIN	A
P37	1	20	RCBO	2.5	KITCHEN	DW	A
P38	1	20	RCBO	2.5	EXTERNAL	DW FAN	A
P39	3	20	RCBO	2.5	EXTERNAL	3X 3.6KW HWS	A

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Pages inc. any attach. 1 of 2



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CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	A	
P40	1	32	RCBO	6.0	KITCHEN	COOK TOP	A	
P41	1	32	RCBO	6.0	KITCHEN	COOK TOP	A	
P42	3	20	RCBO	2.5	EXTERNAL	COOKLINE FAN	A	
P43	3	32	RCBO	4.0	KITCHEN	11.7KW COMBI	A	
P44	1	20	RCBO	2.5	EXTERNAL	AC	A	
P45	1	20	RCBO	2.5	EXTERNAL	AC	A	
P46	1	20	RCBO	2.5	KITCHEN	REF	A	
P47	1	20	RCBO	2.5	KITCHEN	GPO	A	
P48	1	20	RCBO	2.5	KITCHEN	REF	A	
P49	1	20	RCBO	2.5	KITCHEN	GPO	A	
P50	1	20	RCBO	2.5	KITCHEN	AUTO BOILER	A	
P51	1	32	RCBO	6.0	KITCHEN	COOK TOP	A	
P52	1	20	RCBO	2.5	KITCHEN	MW	A	
P53	1	20	RCBO	2.5	KITCHEN	OVEN	A	
P54	1	20	RCBO	2.5	KITCHEN	OVEN	A	
P55	1	20	RCBO	2.5	EXTERNAL	AC	A	
P56	1	20	RCBO	2.5	EXTERNAL	AC	A	
P57	1	20	RCBO	2.5	KITCHEN	MW	A	
							A	
							A	
							A	
L1	1	20	RCBO	2.5	INDUSTRIAL ARTS	LIGHTS	A	
L2	1	20	RCBO	2.5	KITCHEN	LIGHTS	A	
L3	1	20	RCBO	2.5	INDUSTRIAL ARTS	FANS	A	
							A	
							A	
							A	
							A	