

ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

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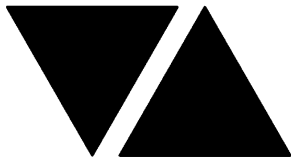
C3687a - FLEXIBLE LEARNING CENTRE, BOWEN

C3687a-0004(C1).xls

DISTRIBUTION BOARD DB-B

REVISION C1 - 14 SEPTEMBER 2026

							REV
FAULT CURRENT:		6KA		MAIN SWITCH:		160A NON AUTO LOAD BREAK ISOLATOR	C1
CHASSIS SIZE:		96 POLES		SUPPLIED FROM:		SITE MSB	C1
CHASSIS RATING:		250A		SUPPLY CABLE:		4C 70	C1
PHASES:		3					C1
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS. ACCURATELY LABEL EACH CIRCUIT BREAKER WITH THE USE AND THE POSITION. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHT TESTING FACILITY							C1
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm2)	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	PLANT ROOM	CR-B	C1
P2	1	20	RCBO	2.5	PLANT ROOM	SECURITY	C1
P3	3	20	RCBO	2.5	MAINTENANCE	FUTURE RSD	C1
P4	1	20	RCBO	2.5	MAINTENANCE	GPO	C1
P5	1	20	RCBO	2.5	GLA 2	GPO	C1
P6	1	20	RCBO	2.5	AMENITY	3.6KW HWS	C1
P7	1	20	RCBO	2.5	GENERAL	GPO	C1
P8	1	20	RCBO	2.5	FLA 2	GPO	C1
P9	1	20	RCBO	2.5	FLA 1		C1
P10	1	20	RCBO	2.5	GLA 3		C1
P11	1	20	RCBO	4.0	EXTERNAL	COMMS CU	C1
P12	1	32	RCBO	4.0	EXTERNAL	CU 1	C1
P13	1	32	RCBO	4.0	EXTERNAL	CU 2	C1
P14	1	32	RCBO	4.0	EXTERNAL	CU 3	C1
P15	1	32	RCBO	4.0	EXTERNAL	CU 4	C1
P16	1	32	RCBO	4.0	EXTERNAL	CU 5	C1
P17	1	32	RCBO	4.0	EXTERNAL	CU 6	C1
P18	1	20	RCBO	2.5	GENERAL	OUTSIDE AIR FAN	C1
P19	1	20	RCBO TC ON 7.00AM OFF 10.00PM	2.5	AMENITY	TOILET EXHAUST	C1
P20	1	20	RCBO	2.5	LAUNDRY	WM	C1
P21	1	20	RCBO	2.5	LAUNDRY	DRYER	C1
P22	1	20	RCBO	2.5	LAUNDRY	GPO	C1
P23	3	20	RCBO	2.5	LAUNDRY	3X3.6KW HWS	C1
P24	3	20	RCBO	2.5	KITCHEN	EXHAUST FAN	C1
P25	1	20	RCBO	2.5	KITCHEN	REF	C1
P26	1	20	RCBO	2.5	KITCHEN	REF	C1
P27	3	20	RCBO	2.5	KITCHEN	11.7KW COMBIE	C1
P28	3	40	RCBO	6.0	KITCHEN	20KW COOK TOP	C1
P29	1	20	RCBO	2.5	KITCHEN	GPO	C1
P30	1	20	RCBO	2.5	KITCHEN	GPO	C1
P31	1	20	RCBO	2.5	KITCHEN	OUTSIDE AIR FAN	C1
P32	1	20	RCBO	2.5	KITCHEN	DISHWASHER	C1
P33	1	20	RCBO	2.5	KITCHEN	MW	C1
P34	1	20	RCBO	2.5	KITCHEN	AUTO BOILER	C1
P35	1	20	RCBO	2.5	KITCHEN	BAINE MARIE	C1
P36	1	20	RCBO	2.5	KITCHEN	BAINE MARIE	C1
P37	1	20	RCBO	2.5	COVERED AREA	DRINK FOUNTAIN	C1



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CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm2)	LOCATION	CIRCUIT USE	
L1	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5	EXTERNAL	SECURITY LIGHTS	C1
L2	1	20	RCBO	2.5	COVERED AREA	LIGHTS	C1
L3	1	20	RCBO	2.5	KITCHEN	LIGHTS	C1
L4	1	20	RCBO	2.5	MAINTENANCE	LIGHTS	C1
L5	1	20	RCBO	2.5	AMENITY	LIGHTS	C1
L6	1	20	RCBO	2.5	GLA 3	LIGHTS	C1
L7	1	20	RCBO	2.5	COVERED AREA	FAN	C1
L8	1	20	RCBO	2.5	FLA 1	LIGHTS	C1
L9	1	20	RCBO	2.5	FLA 2	LIGHTS	C1
L10	1	20	RCBO	2.5	GLA 2	LIGHTS	C1