

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

C3733a - ACGS - YEAR 5 & 6 PRECINCT

C3733a-0005(T2).xls

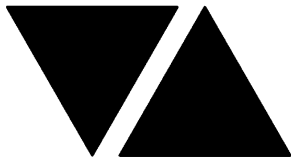
DISTRIBUTION BOARD DB-B

REVISION T2 - 07 OCTOBER 2026

							REV
FAULT CURRENT: 6kA UTILISING CASCADING							T1
MAIN SWITCH: 160A NON AUTO LOAD BREAK SWITCH							T1
CHASSIS SIZE: 84 POLE POWER 36 POLE LIGHTING							T1
SUPPLIED FROM: MSB							T1
CHASSIS RATING: 250A							T1
SUPPLY CABLE: 1C 95							T1
PHASES: 3							T1
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE INITIAL CONTROL EQUIPMENT. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. REFER TO THE NOTES FOR ADDITIONAL REQUIREMENTS. PROVIDE AN ENERGY MONITORING SYSTEM AS PER J9D3 OF THE NCC BCA 2022 UTILISING SCHNEIDER iEM3265 BACnet/MSTP DIN RAIL MOUNTED METERS INTERFACED TO THE BMS WITH THE FOLLOWING SERVICES SEPERATLLY MEETERED / ACCOUNTED FOR, GENERAL POWER, LIGHTING AND HOT WATER.							T2
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm2)	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	CANTEEN	POS	T1
P2	1	20	RCBO	2.5	CANTEEN	RSD	T1
P3	3	20	RCBO	2.5	CANTEEN	11KW OVEN	T1
P4	1	20	RCBO	2.5	CANTEEN	HOT BOX	T1
P5	1	20	RCBO	2.5	CANTEEN	BENCH GPOS	T1
P6	1	20	RCBO	2.5	CANTEEN	BENCH GPOS	T1
P7	1	20	RCBO	2.5	CANTEEN	MW	T1
P8	1	20	RCBO	2.5	CANTEEN	TOASTER	T1
P9	1	20	RCBO	2.5	CANTEEN	TOASTER	T1
P10	1	20	RCBO	2.5	CANTEEN	FREEZER	T1
P11	1	20	RCBO	2.5	CANTEEN	DW	T1
P12	1	20	RCBO	2.5	CANTEEN	BENCH GPOS	T1
P13	1	20	RCBO	2.5	CANTEEN	BENCH GPOS	T1
P14	1	20	RCBO	2.5	CANTEEN	REF	T1
P15	1	20	RCBO	2.5	CANTEEN	COUNTER GPOS	T1
P16	1	20	RCBO	2.5	CANTEEN	REF	T1
P17	1	20	RCBO	2.5	CANTEEN	REF	T1
P18	1	20	RCBO	2.5	CANTEEN	COUNTER GPOS	T1
P19	1	20	RCBO	2.5	CANTEEN	COUNTER GPOS	T1
P20	1	20	RCBO	2.5	CANTEEN	HOT DISPLAY	T1
P21	1	20	RCBO	2.5	CANTEEN	COLD DISPLAY	T1
P22	1	20	RCBO	2.5	CANTEEN	REF	T1
P23	1	20	RCBO	2.5	CANTEEN	DIGITAL SIGNS	T1
P24	1	20	RCBO	2.5	AMENITY	GPO	T1
P25	1	20	RCBO	2.5		MAINTENANCE	T1
P26	1	20	RCBO CIS	2.5		EV CHARGER	T1
P27	3	20	RCBO	2.5		RSD	T1
P28	1	20	RCBO	2.5	STORE	GPO	T1
P29	1	20	RCBO	2.5	AMENITY	GPO	T1
P30	1	20	RCBO	2.5	AMENITY	GPO	T1
P31	1	20	RCBO	2.5		MAINTENANCE	T1
P32	1	20	RCBO	2.5	COURT	GPO	T1
P33	1	20	RCBO	2.5	COURT	GPO	T1
P34	1	20	RCBO	2.5	COURT	GPO	T1
P35	1	20	RCBO	2.5	COURT	GPO	T1
P36	3	20	RCBO	2.5	COURT	BACKBOARD	T1
P37	3	20	RCBO	2.5	COURT	BACKBOARD	T1
P38	3	20	RCBO	2.5	COURT	BACKBOARD	T1
P39	3	20	RCBO	2.5	COURT	BACKBOARD	T1
P40	1	20	RCBO	2.5		BBQ	T1
P41	1	20	RCBO	2.5		BBQ	T1
P42	1	20	RCBO	2.5		BBQ	T1

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Pages inc. any attach. 1 of 2



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CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm2)	LOCATION	CIRCUIT USE	
P43							T2
P44	1	20	RCBO	2.5	AMENITY	3.6KW HWS	T1
P45	3	20	RCBO	2.5	CANTEEN	3 X 3.6KW HWS	T1
P46	1	20	RCBO	2.5	AMENITY	HD	T1
L1	1	20	RCBO	2.5	PLANT ROOM	LIGHTS	T1
L2	1	20	RCBO	2.5	AMENITY	LIGHTS	T1
L3	1	20	RCBO	2.5	SECURITY	LIGHTS	T1
L4	1	20	RCBO	2.5	AMENITY	LIGHTS	T1
L5	1	20	RCBO	2.5	CANTEEN	LIGHTS	T1
L6	1	20	RCBO	2.5	UNDERCROFT	LIGHTS	T1
L7	1	20	RCBO	2.5	BBQ	LIGHTS	T1
L8	1	20	RCBO	2.5	COURT	LIGHTS	T1
L9	1	20	RCBO	2.5	COURT	LIGHTS	T1
L10	1	20	RCBO	2.5	COURT	LIGHTS	T1
L11	1	20	RCBO	2.5	COURT	LIGHTS	T1
L12	1	20	RCBO PE ON DUSK TC OFF 10.00PM	2.5	PLAYGROUND	LIGHTS	T1
L13	1	20	RCBO PE ON DUSK OFF DAWN	2.5	SECURITY	LIGHTS	T1