



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3040a - BRISBANE TIGERS - STAGE 2

C3040a-0009(B).xls

DISTRIBUTION BOARD DB-D

REVISION B - 06 NOVEMBER 2023

							REV
FAULT CURRENT:		6KA	MAIN SWITCH:		160 AMP NON AUTO		A
CHASSIS SIZE:		30 POLES	SUPPLIED FROM:		MSB		A
CHASSIS RATING:		250A	SUPPLY CABLE:		4C 35		A
PHASES:		3					A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS . PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
P1	1	20	RCD	2.5	AMENITY	HD	A
P2	1	20	RCD	2.5	COOL ROOM	COMPRESSOR	A
P3	1	20	RCD	2.5	COOL ROOM	GYLCOL	A
P4	3	20	RCD	2.5	UNDERCROFT	CONDENSOR	A
P5	3	20	RCD	2.5	UNDERCROFT	CONDENSOR	A
P6	1	25	RCD	4.0	BAR	HWS	A
P7	1	20	RCD	2.5	BAR	ICE	A
P8	1	20	RCD	2.5	BAR	REF	A
P9	1	20	RCD	2.5	BAR	GPO	A
P10	1	20	RCD	2.5	BAR	15A GPO	A
P11	1	20	RCD	2.5	BAR	POS	A
P12	1	20	RCD	2.5	BAR	15A GPO	A
P13	1	20	RCD	2.5	BAR	GPO	A
P14	1	20	RCD	2.5	BAR	CO2	A
P15	1	20	RCD TC ON 6.00 AM OFF 11.00PM	2.5	AMENITY	TX FAN	A
P16	1	20	RCD	2.5	EXTERNAL	GPO	A
P17	1	20	RCD	2.5	EXTERNAL	AC	A
P17							
L1	1	20	RCD	2.5	EXTERNAL	LIGHTS	B
L2	1	20	RCD D4	2.5	EXTERNAL	LIGHTS	A
L3	1	20	RCD D1	2.5		CARPARK	A