



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3631a - CANTERBURY COLLEGE SENIOR SCHOOL - TALNGAI PRECINCT

C3631a-0006(T1).xls

DISTRIBUTION BOARD DB-3

REVISION T1 - 14 AUGUST 2026

FAULT CURRENT: 6KA UTILISING CASCADING							REV
MAIN SWITCH: 250A NON AUTO LOAD BREAK ISOLATOR							T1
CHASSIS SIZE: 2 X 84 POLE							T1
SUPPLIED FROM: MDB-9							T1
CHASSIS RATING: 250A							T1
SUPPLY CABLE: 1C95 AL							T1
PHASES: 3							T1
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.							T1
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	T1
P1	1	20	RCBO	2.5	EXTERNAL	MAINTENANCE	T1
P2	1	20	RCBO	2.5	EXTERNAL	LIFT SUMP PUMP	T1
P3	1	20	RCBO	2.5	EXTERNAL	MAINTENANCE	T1
P4	1	20	RCBO	2.5	AMENITY	HD	T1
P5	1	20	RCBO	2.5	SCIENCE STORE	GPOs	T1
P6	1	20	RCBO	2.5	PLANTROOM	GPOs	T1
P7	1	20	RCBO	2.5	PLANTROOM	HOT WATER PUMP	T1
P8	1	20	RCBO	2.5	PLANTROOM	HOT WATER PUMP	T1
P9	3	20	RCBO	4.0	PLANTROOM	3 X3.6KW HWS	T1
P10	3	20	RCBO	4.0	PLANTROOM	3 X3.6KW HWS	T1
P11	1	20	RCBO	2.5	FLA	GPOs	T1
P12	1	20	RCBO	2.5	FLA	DW	T1
P13	1	20	RCBO	2.5	FLA	REF	T1
P14	1	20	RCBO	2.5	VERANDAH	GPOs	T1
P15	1	20	RCBO	2.5		AUTO DOORS	T1
P16	1	20	RCBO	2.5		AUTO DOORS	T1
P94	1	20	RCBO	2.5	JUNIOR KITCHEN	REF	T1
P95	1	20	RCBO	2.5	SENIOR KITCHEN	REF	T1
P96	1	20	RCBO	2.5	SENIOR KITCHEN	DW	T1
P97	1	20	RCBO	2.5	PREP	DRYER	T1
P98	3	20	RCBO	2.5	PREP	6.8KW DW	T1
P99	1	20	RCBO	2.5	PREP	GPO	T1
P100	1	20	RCBO	2.5	PREP	WM	T1
P101	1	20	RCBO	2.5	PREP	OFFICE	T1
P102	1	20	RCBO	2.5	PREP	COOL ROOM	T1
P103	1	20	RCBO	2.5	PREP	FREEZER	T1
P104	1	20	RCBO	2.5	PREP	FREEZER	T1
P105	1	20	RCBO	2.5	PREP	COOL ROOM	T1
P106	1	20	RCBO	2.5	PREP	COOL ROOM	T1
P107	1	20	RCBO	2.5	PREP	PREP GPO	T1
P108	1	20	RCBO	2.5	PREP	WM	T1
P109	1	20	RCBO	2.5	PREP	WM	T1
P110	1	20	RCBO	2.5	PREP	DRYER	T1
P111	3	20	RCBO	2.5	EXTERNAL	COMPRESSOR	T1
P112	3	20	RCBO	2.5	EXTERNAL	COMPRESSOR	T1
P113	3	20	RCBO	2.5	EXTERNAL	COMPRESSOR	T1
P114	3	20	RCBO	2.5	EXTERNAL	COMPRESSOR	T1
P115	1	20	RCBO	2.5	PREP	GPO	T1
P116	3	40	RCBO	6.0	CANTEEN	19.5K OVEN	T1
P117	3	20	RCBO	4.0	CANTEEN	11KW OVEN	T1
P118	1	20	RCBO	2.5	CANTEEN	MIXER	T1
P119	1	20	RCBO	2.5	CANTEEN	BRATT PAN	T1
P120	1	20	RCBO	2.5	CANTEEN	PREP GPO	T1
P121	1	20	RCBO	2.5	CANTEEN	GAS CONTROL	T1
P122	1	20	RCBO	2.5	CANTEEN	GPO	T1
P123	1	20	RCBO	2.5	CANTEEN	REF	T1
P124	3	20	RCBO	2.5	CANTEEN	10KW OVEN	T1
P125	1	20	RCBO	2.5	CANTEEN	REF	T1
P126	1	20	RCBO	2.5	CANTEEN	TV	T1
P127	1	20	RCBO	2.5	CANTEEN	HOT DISPLAY	T1
P128	1	20	RCBO	2.5	CANTEEN	HOT DISPLAY	T1
P129	1	20	RCBO	2.5	CANTEEN	DISPLAY	T1
P130	1	20	RCBO	2.5	CANTEEN	POS	T1
P131	1	20	RCBO	2.5	CANTEEN	REF	T1
P132	1	20	RCBO	2.5	CANTEEN	REF	T1



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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.							T1
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	T1
P133	1	20	RCBO	2.5	CANTEEN	HOT DISPLAY	T1
P134	1	32	RCBO	6.0	CAFE	COFFEE	T1
P135	1	20	RCBO	2.5	CAFE	GPO	T1
P136	1	20	RCBO	2.5	CAFE	REF	T1
P137	1	20	RCBO	2.5	CAFE	POS	T1
P138	1	20	RCBO	2.5	CAFE	REF	T1
P139	1	20	RCBO	2.5	CAFE	ICE	T1
P140	1	20	RCBO	2.5	CAFE	15A GPO	T1
P141	1	20	RCBO	2.5	CAFE	DW	T1
P142	1	20	RCBO	2.5	CAFE	HOT BOX	T1
P143	1	20	RCBO	2.5	CAFE	RSD	T1
P144	3	20	RCBO	2.5	CAFE	REF	T1
P145	1	20	RCBO	2.5	CAFE	MW	T1
P146	1	20	RCBO	2.5	OFFICE	GPOS	T1
P147	3	20	RCBO	2.5	SCULLARY	7.1KW DW	T1
P148	1	20	RCBO	2.5	EXTERNAL	MW	T1
P149	1	20	RCBO	2.5	EXTERNAL	MW	T1
P150	1	20	RCBO	2.5	EXTERNAL	MW	T1
P151	1	20	RCBO	2.5	EXTERNAL	MW	T1
P152	1	20	RCBO	2.5	EXTERNAL	MW	T1
P153	1	20	RCBO	2.5	EXTERNAL	RSD	T1