



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3631a - CANTERBURY COLLEGE SENIOR SCHOOL - TALNGAI PRECINCT

C3631a-0014(T1).xls

DISTRIBUTION BOARD DB-K3

REVISION T1 - 14 AUGUST 2026

FAULT CURRENT: 6KA UTILISING CASCADING							REV
MAIN SWITCH: 250A NON AUTO LOAD BREAK ISOLATOR							T1
CHASSIS SIZE: 48 POLE							T1
SUPPLIED FROM: MDB-8							T1
CHASSIS RATING: 250A							T1
SUPPLY CABLE: 4C50 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. ALL OF THE DB-K3 CIRCUITS ARE TO BE CONTROLLED BY ESO3							T1
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	T1
P1	1	20	RCBO	2.5	JUNIOR	ISLAND BENCH	T1
P2	1	20	RCBO	2.5	JUNIOR	ISLAND BENCH	T1
P3	1	20	RCBO	2.5	JUNIOR	ISLAND BENCH	T1
P4	1	20	RCBO	2.5	JUNIOR	ISLAND BENCH	T1
P5	1	20	RCBO	2.5	JUNIOR	ISLAND BENCH	T1
P6	1	20	RCBO	2.5	JUNIOR	ISLAND BENCH	T1
P7	1	20	RCBO	2.5	JUNIOR	ISLAND BENCH	T1
P8	1	20	RCBO	2.5	JUNIOR	ROUTER	T1
P9	1	20	RCBO	2.5	JUNIOR	DROP SAW	T1
P10	1	20	RCBO	2.5	JUNIOR	BAND SAW	T1
P11	1	20	RCBO	2.5	JUNIOR	DRILL PRESS	T1
P12	1	20	RCBO	2.5	JUNIOR	DRILL PRESS	T1
P13	1	20	RCBO	2.5	JUNIOR	LASER CUTTER	T1
P14	1	20	RCBO	2.5	JUNIOR	TV	T1
P15	1	20	RCBO	2.5	JUNIOR	TOOL CUPBOARD	T1
P16	1	20	RCBO	2.5	JUNIOR	DOMINO BENCH	T1
P17	1	20	RCBO	2.5	JUNIOR	DOWNDRAFT SANDER	T1
P18	1	20	RCBO	2.5	JUNIOR	VACUUM MACHINE	T1
P19	1	20	RCBO	2.5	JUNIOR	DOWNDRAFT SANDER	T1
P20	1	20	RCBO	2.5	JUNIOR	LINISHER	T1
P21	1	20	RCBO	2.5	JUNIOR	DISC BELT SANDER	T1