



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3631a - CANTERBURY COLLEGE SENIOR SCHOOL - TALNGAI PRECINCT

C3631a-0004(T2).xls

DISTRIBUTION BOARD DB-1

REVISION T2 - 21 AUGUST 2026

FAULT CURRENT: 6KA UTILISING CASCADING							REV
MAIN SWITCH: 250A NON AUTO LOAD BREAK ISOLATOR							T1
CHASSIS SIZE: 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	
P1	1	20	RCBO	2.5	LOWER GROUND	CR-P	T1
P2	1	20	RCBO	2.5	LOWER GROUND	CR-P	T1
P3	1	20	RCBO	2.5	LOWER GROUND	SECURITY	T1
P4	1	20	RCBO	2.5	LOWER GROUND	COMMS ROOM AC	T1
P5	1	20	RCBO	2.5	LOWER GROUND	MAINTENANCE	T1
P6	1	20	RCBO	2.5	LOWER GROUND	DRINK FOUNTAIN	T1
P7	1	20	RCBO	2.5	LOWER GROUND	HAND DRYER	T1
P8	1	20	RCBO	2.5	LOWER GROUND	HAND DRYER	T1
P9	1	20	RCBO	2.5	LOWER GROUND	MAINTENANCE	T1
P10	1	20	RCBO	2.5	LOWER GROUND	FTV	T1
P11	1	20	RCBO	2.5	LOWER GROUND	FTV	T1
P12	1	20	RCBO	2.5	LOWER GROUND	GALLERY	T1
P13	1	20	RCBO	2.5	LOWER GROUND	FLOOR BOXES	T1
P14	1	20	RCBO	2.5	EXTERNAL	POTTERY	T1
P15	3	20	RCBO	4.0	EXTERNAL	13KW KILN	T1
P16	1	20	RCBO	2.5	LOWER GROUND	MAINTENANCE	T1
P17	1	20	RCBO	2.5	LOWER GROUND	SENIOR ART	T1
P18	1	20	RCBO	2.5	LOWER GROUND	ART STUDIO 3	T1
P19	1	20	RCBO	2.5	LOWER GROUND	ART STUDIO 2	T1
P20	1	20	RCBO	2.5	LOWER GROUND	3.6KW HWS	T1
P21	1	20	RCBO	2.5	LOWER GROUND	3.6KW HWS	T1
P22	1	20	RCBO	2.5	GROUND	AUTO DOORS	T1
P23	1	20	RCBO	2.5	GROUND	FIP	T1
P24	1	20	RCBO	2.5	COLA	EXTERNAL GPO	T1
P25	1	20	RCBO	2.5	COLA	SPEAKERS	T1
P26	1	20	RCBO	2.5	COLA	TV	T1
P27	1	20	RCBO	2.5	COLA	EXTERNAL GPO	T1
P28	3	20	RCBO	2.5	LOWER GROUND	RSD	T1
P29	1	20	RCBO	2.5	COLA	TV	T1
P30	1	20	RCBO	2.5	COLA	TV	T1
P31	1	20	RCBO	2.5	GROUND	ASSISTANCE OFFICE	T1
P32	1	20	RCBO	2.5	GROUND	ASSISTANCE OFFICE	T2
P33	1	20	RCBO	2.5	GROUND	LIBRARY	T1
P34	1	20	RCBO	2.5	GROUND	LIBRARY	T1
P35	1	20	RCBO	2.5	GROUND	LIBRARY	T1
P36	1	20	RCBO	2.5	GROUND	LIBRARY	T1
P37	1	20	RCBO	2.5	GROUND	LIBRARY	T1
P38	1	20	RCBO	2.5	GROUND	TUTOR	T1
P39	1	20	RCBO	2.5	GROUND	MEETING	T1
P40	1	20	RCBO	2.5	GROUND	IT	T1
P41	1	20	RCBO	2.5	GROUND	HELP	T1
P42	1	20	RCBO	2.5	GROUND	RETURN	T1
P43	1	20	RCBO	2.5	GROUND	ADMIN	T1
P44	1	20	RCBO	2.5	GROUND	PRINTER	T1
P45	1	20	RCBO	2.5	GROUND	HD	T1
P46	1	20	RCBO	2.5	GROUND	KIT AB	T1
P47	1	20	RCBO	2.5	GROUND	KIT BB	T1
P48	1	20	RCBO	2.5	GROUND	IT BENCH	T1
P49	1	20	RCBO	2.5	GROUND	IT CHARGING	T1
P50	1	20	RCBO	2.5	GROUND	IT	T1
P51	1	20	RCBO	2.5	GROUND	IT	T1
P52	1	20	RCBO	2.5	LOWER GROUND	SECURITY	T1