



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3631a - CANTERBURY COLLEGE SENIOR SCHOOL - TALNGAI PRECINCT

C3631a-0009(T1).xls

DISTRIBUTION BOARD DB-6

REVISION T1 - 14 AUGUST 2026

FAULT CURRENT: 6KA UTILISING CASCADING CHASSIS SIZE: 36 POLE CHASSIS RATING: 250A PHASES: 3 MAIN SWITCH: 250A NON AUTO LOAD BREAK ISOLATOR SUPPLIED FROM: MDB-9 SUPPLY CABLE: 4C50 AL							REV
							T1
							T1
							T1
							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. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHT TESTING FACILITY AND SURGE PROTECTION. REFER TO THE NOTES FOR ADDITIONAL CONSTRUCTION REQUIREMENTS.							T1
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	T1
1	1	20	RCBO	2.5	EXTERNAL	SECURITY LIGHTS	T1
2	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	LOCKERS	LIGHTING	T1
3	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	AMENITIES	LIGHTING	T1
4	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	PREP LAB	LIGHTING	T1
5	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	SCIENCE 1	LIGHTING	T1
6	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	SCIENCE 2	LIGHTING	T1
7	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	SCIENCE 3	LIGHTING	T1
8	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	SCIENCE 4	LIGHTING	T1
9	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	SCIENCE 5	LIGHTING	T1
10	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	CIRCULATION	LIGHTING	T1
11	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	CIRCULATION	LIGHTING	T1
12	1	20	RCBO	2.5	CIRCULATION	SECURITY LIGHTS	T1
13	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	OFFICE	LIGHTING	T1
14	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM PE ON DUSK TC OFF 10.00PM	2.5	CIRCULATION	LIGHTING	T1
15	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	WITHDRAWAL	GLA 2 LIGHTING	T1