



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3631a - CANTERBURY COLLEGE SENIOR SCHOOL - TALNGAI PRECINCT

C3631a-0011(T2).xls

DISTRIBUTION BOARD DB-8

REVISION T2 - 21 AUGUST 2026

							REV	
FAULT CURRENT:		6KA UTILISING CASCADING			MAIN SWITCH:		250A NON AUTO LOAD BREAK ISOLATOR	T1
CHASSIS SIZE:		36 POLE			SUPPLIED FROM:			T1
CHASSIS RATING:		250A			SUPPLY CABLE:			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. 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		
1	1	20	RCBO PE ON DUSK OFF DAWN	2.5	EXTERNAL	SECURITY LIGHTS	T1	
2	1	20	RCBO	2.5	INTERNAL	SECURITY LIGHTS	T1	
3	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM PE ON DUSK TC OFF 10.00PM	2.5	STAIRS	LIGHTING	T1	
4	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	COMMON	LIGHTING	T1	
5	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	COMMON	LIGHTING	T1	
6	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	STAFF	LIGHTING	T1	
7	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	STAFF	LIGHTING	T1	
8	1	20	RCBO	2.5	INTERNAL	SECURITY LIGHTS	T1	
9	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	LOCKERS	LIGHTING	T1	
10	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	AMENITY	LIGHTING	T1	
11	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	PLANT	LIGHTING	T1	
12	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	GLA	LIGHTING	T1	
13	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	GLA	LIGHTING	T1	
14	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	GLA	LIGHTING	T1	
15	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	GLA	LIGHTING	T1	
16	1	20	RCBO INTERFACED TO THE SECURITY SYSTEM	2.5	GLA	LIGHTING	T1	
17							T2	