



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C2717a - KINGS CHRISTIAN COLLEGE - REEDY CREEK - GLAS & STUDENT SERVICES KCC49 C2717a-0010(D).xls

DISTRIBUTION BOARD DB-TS

REVISION D - 29 SEPTEMBER 2025

							REV
FAULT CURRENT:		6KA		MAIN SWITCH:		250A NON AUTO LOAD BREAK ISOLATOR	A
CHASSIS SIZE:		60 POLES		SUPPLIED FROM:		MDB	A
CHASSIS RATING:		250A		SUPPLY CABLE:		1C50	D
PHASES:		3					A
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.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P1	3	20	RCBO	2.5	ROOF	FREEZER CONDENSER	A
P2	1	20	RCBO	2.5	OFFICE	GPOs	A
P3	1	20	RCBO	2.5	KITCHEN	AB GPO	A
P4	1	32	RCBO	6.0	KITCHEN	TURBO FAN	C
P5	1	32	RCBO	6.0	KITCHEN	TURBO FAN	C
P6	1	20	RCBO	2.5	KITCHEN	SUS GPO	A
P7	3	40	RCBO	6.0	KITCHEN	COOKTOP / OVEN	D
P8	1	20	RCBO	2.5	KITCHEN	SUS GPO	A
P9	3	20	RCBO	2.5	KITCHEN	DISHWASHER	A
P10	1	20	RCBO	2.5	KITCHEN	COOLROOM	A
P11	3	40	RCBO	6.0	KITCHEN	HWS	B
P12	1	20	RCBO	2.5	KITCHEN	AB GPO	A
P13	1	20	RCBO	2.5	KITCHEN	POS	A
P14	1	20	RCBO	2.5	KITCHEN	SERVERY	A
P15	1	20	RCBO	2.5	KITCHEN	REF / DISPLAY	C
P16	1	20	RCBO	2.5	KITCHEN	BAINE MARIE	A
P17	1	20	RCBO	2.5	KITCHEN	BAINE MARIE	A
P18	1	20	RCBO	2.5	KITCHEN	PIE WARMER	A
P19	1	20	RCBO	2.5	KITCHEN	PIE WARMER	A
P20	1	20	RCBO	2.5	KITCHEN	REF / DISPLAY	C
P21	1	20	RCBO	2.5	STORE	GPOs	A
P22	1	20	RCBO	2.5	KITCHEN	FREEZER	A
P23	1	20	RCBO	2.5	ROOF	REF CONDENSER	A
P24	3	20	RCBO	2.5	KITCHEN	12KW FRYER	D
P25	1	25	RCBO	4.0	KITCHEN	5KW GRILL	D
L1	1	20	RCBO	2.5	TUCKSHOP	LIGHTING	A