



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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

DISTRIBUTION BOARD DB-TS

REVISION C - 07 FEBRUARY 2025

FAULT CURRENT: 6KA CHASSIS SIZE: 60 POLES CHASSIS RATING: 250A PHASES: 3							250A NON AUTO LOAD BREAK ISOLATOR	REV
MAIN SWITCH:							SUPPLIED FROM: MDB	A
SUPPLY CABLE: 4C25								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 ²)	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	32	RCBO	6.0	KITCHEN	COOTOP / OVEN	C	
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	BAINIE MARIE	A	
P17	1	20	RCBO	2.5	KITCHEN	BAINIE 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 GRILL	C	
L1	1	20	RCBO	2.5	TUCKSHOP	LIGHTING	A	