



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3827a - KINGS CHRISTIAN COLLEGE - WALLOON - ELC WAL02

C3827a-0004(B).xls

DISTRIBUTION BOARD DB-P

REVISION B - 26 OCTOBER 2026

FAULT CURRENT: 6KA CHASSIS SIZE: 60 POLE CHASSIS RATING: 250A PHASES: 3 MAIN SWITCH: 250A NON AUTO LOAD BREAK ISOLATOR SUPPLIED FROM: MDB-B SUPPLY CABLE: 4C+E 70							REV
							A
							A
							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.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	EXTERNAL	PUMP	A
P2	1	20	RCBO	2.5	EXTERNAL	MAINTENANCE	A
P3	1	20	RCBO	2.5	STAFF	DESKS	A
P4	1	20	RCBO	2.5	LUNCHROOM	MICROWAVE	A
P5	1	20	RCBO	2.5	LUNCHROOM	KITCHEN	A
P6	1	20	RCBO	2.5	LUNCHROOM	CHILLER	A
P7	1	20	RCBO	2.5	LUNCHROOM	REFRIGERATOR	A
P8	1	20	RCBO	2.5	LUNCHROOM	AUTO BOILER	A
P9	1	20	RCBO	2.5	CLEANER	HWS	A
P10	1	20	RCBO	2.5	LAUNDRY	WM DRYER	A
P11	1	20	RCBO	2.5	OFFICES	OFFICES	A
P12	1	20	RCBO 10mA	2.5	EXTERNAL	DRINK FOUNTAIN	A
P13	1	20	RCBO	2.5	EXTERNAL	MAINTENANCE	A
P14	1	20	RCBO 10mA	2.5	PLAY 1	PLAY 1	A
P15	1	20	RCBO 10mA	2.5	PLAY 2	PLAY 2	A
P16	1	20	RCBO 10mA	2.5	PLAY 3	PLAY 3	A
P17	1	20	RCBO 10mA	2.5	PLAY 4	PLAY 4	A
P18	1	20	RCBO	2.5	NAPPY CHANGE	HWS	A
P19	1	20	RCBO	2.5	RECEPTION	DESKS	A
P20	1	20	RCBO	2.5	PLANT	SECURITY	A
P21	1	20	RCBO	2.5	PLANT	COMMS RACK CR-B	A
P22	1	20	RCBO	2.5	PLANT	COMMS RACK CR-B	A
P23	1	20	RCBO 10mA	2.5	CORRIDOR	CLEANING	A
P24	3	20	RCBO	2.5	STORE	RSD	A
P25	1	20	RCBO	2.5	PLAY 04	HWS	B
P26	1	20	RCBO	2.5	MEETING	HWS	B