



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3751a - KINGS CHRISTIAN COLLEGE - PIMPAMA, MAINTENANCE SHED

C3751a-0004(A).xls

DISTRIBUTION BOARD DB-M

REVISION A - 28 APRIL 2026

FAULT CURRENT: 6KA							REV
MAIN SWITCH: 100A NON AUTO LOAD BREAK ISOLATOR							A
CHASSIS SIZE: 48 POLE							A
SUPPLIED FROM: DB-23							A
CHASSIS RATING: 250A							A
SUPPLY CABLE: 4C+E35							A
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.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	A
P1	1	20	RCBO	2.5	EXTERNAL	AC	A
P2	1	20	RCBO	2.5	GROUND	HD	A
P3	1	20	RCBO	2.5	GROUND	GPO	A
P4	1	20	RCBO	2.5	GROUND	GPO	A
P5	3	32	RCBO	6.0	GROUND	3PH OUTLET	A
P6	3	20	RCBO	2.5	GROUND	RSD	A
P7	1	20	RCBO	2.5	GROUND	GPO	A
P8	1	20	RCBO	2.5	LEVEL 1	SECURITY	A
P9	1	20	RCBO	2.5	LEVEL 1	CR-M	A
P10	1	20	RCBO	2.5	KITCHEN	REF	A
P11	1	20	RCBO	2.5	KITCHEN	GPO	A
P12	1	20	RCBO	2.5	KITCHEN	DW	A
P13	1	20	RCBO	2.5	KITCHEN	ZIP	A
							A
							A
							A
							A
							A
L1	1	20	RCBO	2.5	LEVEL 1	LIGHTS	A
L2	1	20	RCBO	2.5	LEVEL 2	LIGHTS	A
L3	1	20	RCBO PE ON DUSK OFF DAWN	2.5	EXTERNAL	LIGHTS	A
							A
							A
							A
							A
							A
							A