



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3474a - KINGS CHRISTIAN COLLEGE - CHAMBERS FLAT, SENIOR SCHOOL CHA12

C3474a-0004(B).xls

DISTRIBUTION BOARD DB-12P

REVISION B - 16 FEBRUARY 2026

FAULT CURRENT: 6KA CHASSIS SIZE: 96 POLE CHASSIS RATING: 250A PHASES: 3							MAIN SWITCH: 250A NON AUTO LOAD BREAK ISOLATOR SUPPLIED FROM: DB-12 SUPPLY CABLE: 4C50		REV
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 <sup>2</sup> )	LOCATION	CIRCUIT USE			
P1	1	20	RCBO	2.5	ROOF	EXTERNAL GPO		A	
P2	1	20	RCBO	2.5	GROUND	UNDERCROFT GPO		A	
P3	1	20	RCBO	2.5	GROUND	UNDERCROFT GPO		A	
P4	1	20	RCBO	2.5	GROUND	HAND DRYER		A	
P5	1	20	RCBO	2.5	GROUND	HAND DRYER		A	
P6	1	20	RCBO	2.5	GROUND	HAND DRYER		A	
P7	1	20	RCBO	2.5	GROUND	DRINK FOUNTAIN		A	
P8	1	20	RCBO	2.5	LEVEL 1	DRINK FOUNTAIN		A	
P9	1	20	RCBO	2.5	LEVEL 1	HAND DRYER		A	
P10	1	20	RCBO	2.5	LEVEL 1	HAND DRYER		A	
P11	1	20	RCBO	2.5	LEVEL 1	HAND DRYER		A	
P12	1	20	RCBO	2.5	LEVEL 1	CLEANER		A	
P13	1	20	RCBO	2.5	LEVEL 1	MEETING ROOMS GPOS		A	
P14	1	20	RCBO	2.5	LEVEL 1	ART GPOS		A	
P15	1	20	RCBO	2.5	LEVEL 1	FIP		A	
P16	1	20	RCBO	2.5	LEVEL 1	GLA 1 GPOS		A	
P17	1	20	RCBO	2.5	LEVEL 1	GLA 2 GPOS		A	
P18	1	20	RCBO	2.5	LEVEL 1	GLA 3 GPOS		A	
P19	1	20	RCBO	2.5	LEVEL 2	DRINK FOUNTAIN		A	
P20	1	20	RCBO	2.5	LEVEL 2	HAND DRYER		A	
P21	1	20	RCBO	2.5	LEVEL 2	HAND DRYER		A	
P22	1	20	RCBO	2.5	LEVEL 2	HAND DRYER		A	
P23	1	20	RCBO	2.5	LEVEL 2	HAND DRYER		A	
P24	1	20	RCBO	2.5	LEVEL 2	SECURITY		A	
P25	1	20	RCBO	2.5	LEVEL 2	CR-12		A	
P26	1	20	RCBO	2.5	LEVEL 2	COMMON GPOS		A	
P27	1	20	RCBO	2.5	LEVEL 2	GLA 1 GPOS		A	
P28	1	20	RCBO	2.5	LEVEL 2	GLA 2 GPOS		A	
P29	1	20	RCBO	2.5	LEVEL 2	GLA 3 GPOS		A	
P30	1	20	RCBO	2.5	LEVEL 2	MEETING ROOMS GPOS		A	
P31	1	20	RCBO	2.5	LEVEL 2	MEETING ROOMS GPOS		A	
P32	1	20	RCBO	2.5	LEVEL 2	STAFF KITCHEN GPOS		A	
P33	1	20	RCBO	2.5	LEVEL 2	STAFF ROOM GPOS		A	
P34	1	20	RCBO	2.5	LEVEL 2	REFRIGERATOR		A	
P35	1	20	RCBO	2.5	LEVEL 2	STAFF ROOM GPOS		A	
P36	1	20	RCBO	2.5	LEVEL 2	STAFF ROOM GPOS		A	
P37	1	20	RCBO	2.5	LEVEL 2	WORKSTATION		A	
P38	1	20	RCBO	2.5	LEVEL 2	WORKSTATION		A	
P39	1	20	RCBO	2.5	LEVEL 2	WORKSTATION		A	
P40	1	20	RCBO	2.5	LEVEL 2	WORKSTATION		A	
P41	1	20	RCBO	2.5	LEVEL 2	WORKSTATION		A	
P42	1	20	RCBO	2.5	LEVEL 2	WORKSTATION		A	
P43	1	20	RCBO	2.5	LEVEL 2	WORKSTATION		A	
P44	3	20	RCBO	2.5	LEVEL 2	3 X 3.6KW HWS		A	
P45	1	20	RCBO	2.5	RISER CUPBOARDS	EXHAUST FANS		A	
P46	1	32	RCBO	6.0	GROUND	7KW HWS		B	
P47	1	32	RCBO	6.0	LEVEL 1	7KW HWS		B	
P48	1	32	RCBO	6.0	LEVEL 2	7KW HWS		B	
P49	1	20	RCBO	2.5	LEVEL 2	AUTOBOILER		B	