



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3232a - KINGS CHRISTIAN COLLEGE - CHAMBERS FLAT, MIDDLE SCHOOL CHA10

C3232a-0004(C).xls

DISTRIBUTION BOARD DB-10P

REVISION C - 13 FEBRUARY 2025

<div> <div>FAULT CURRENT: 6KA</div> <div>CHASSIS SIZE: 96 POLE</div> <div>CHASSIS RATING: 250A</div> <div>PHASES: 3</div> </div> <div> <div>MAIN SWITCH: 250A NON AUTO LOAD BREAK ISOLATOR</div> <div>SUPPLIED FROM: DB-10</div> <div>SUPPLY CABLE: 4C50</div> </div>							REV
							A
							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	GROUND	EXTERNAL GPO	A
P2	1	20	RCBO	2.5	GROUND	EXTERNAL GPO	A
P3	1	20	RCBO	2.5	GROUND	EXTERNAL GPO	A
P4	1	20	RCBO	2.5	GROUND	EXTERNAL 15 A GPO	B
P5	1	20	RCBO	2.5	GROUND	DRINK FOUNTAIN	A
P6	1	32	RCBO	6.0	LEVEL 1	7.1KW HWS	C
P7	1	20	RCBO	2.5	GROUND	HAND DRYER	A
P8	1	20	RCBO	2.5	GROUND	HAND DRYER	A
P9	1	20	RCBO	2.5	LEVEL 1	HAND DRYER	A
P10	3	40	RCBO	6.0	GROUND	3PH 40 AMP	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	STUDIO	A
P14	1	20	RCBO	2.5	LEVEL 1	GLA 1	A
P15	1	20	RCBO	2.5	LEVEL 1	STUDIO	A
P16	1	20	RCBO	2.5	LEVEL 1	CIRCULATION	A
P17	1	20	RCBO	2.5	LEVEL 1	REC	A
P18	1	20	RCBO	2.5	LEVEL 1	DRINK FOUNTAIN	A
P19	1	20	RCBO	2.5	LEVEL 1	CIRCULATION	A
P20	1	20	RCBO	2.5	LEVEL 1	EXTERNAL GPO	A
P21	1	20	RCBO	2.5	LEVEL 1	GLA 2	A
P22	1	20	RCBO	2.5	LEVEL 1	GLA 3	A
P23	1	20	RCBO	2.5	LEVEL 1	LASER CUTTER	A
P24	1	20	RCBO	2.5	LEVEL 1	STORE	A
P25	1	20	RCBO	2.5	LEVEL 1	TECH HUB	A
P26	1	20	RCBO	2.5	LEVEL 1	TECH HUB	A
P27	1	20	RCBO	2.5	LEVEL 1	GLA 4	A
P28	1	20	RCBO	2.5	LEVEL 1	DRINK FOUNTAIN	A
P29	1	20	RCBO	2.5	GROUND	EXTERNAL GPO	A
P30	1	20	RCBO	2.5	LEVEL 2	DRINK FOUNTAIN	A
P31	1	20	RCBO	2.5	LEVEL 2	INSTRUCTION GPO	A
P32	1	20	RCBO ESO5	2.5	LEVEL 2	PREP GPO	B
P33	3	20	RCBO	2.5	LEVEL 2	3 X 3.6KW HWS	B
P34	1	20	RCBO	2.5	LEVEL 2	HAND DRYER	A
P35	1	20	RCBO ESO5	2.5	LEVEL 2	SUS GPO	B
P36	1	20	RCBO	2.5	LEVEL 2	REF	A
P37	1	20	RCBO ESO5	2.5	LEVEL 2	DW PREP GPO	B
P38	1	20	RCBO	2.5	LEVEL 2	FUME CUPBOARD	A
P39	1	20	RCBO ESO3	2.5	LEVEL 2	GLA 1	B
P40	1	20	RCBO ESO3	2.5	LEVEL 2	GLA 2	B
P41	1	20	RCBO ESO3	2.5	LEVEL 2	GLA 1	B
P42	1	20	RCBO ESO4	2.5	LEVEL 2	GLA 2	B
P43	1	20	RCBO ESO4	2.5	LEVEL 2	GLA 2	B
P44	1	20	RCBO ESO4	2.5	LEVEL 2	GLA 2	B
P45	1	20	RCBO	2.5	LEVEL 2	DRINK FOUNTAIN	A
P46	1	20	RCBO	2.5	LEVEL 2	CIRCULATION	A
P47	1	20	RCBO	2.5	LEVEL 2	GLA 3	A
P48	1	20	RCBO ESO2	2.5	LEVEL 2	LAB 2	B
P49	1	20	RCBO ESO2	2.5	LEVEL 2	LAB 2	B
P50	1	20	RCBO ESO2	2.5	LEVEL 2	LAB 2	B
P51	1	20	RCBO ESO1 ESO2	2.5	LEVEL 2	EXPERIMENT	B

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