



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C2717a - KINGS CHRISTIAN COLLEGE - REEDY CREEK - GLAS & STUDENT SERVICES KCC49 C2717a-0009(B).xls DISTRIBUTION BOARD DB-DS

REVISION B - 24 SEPTEMBER 2024

							REV	
FAULT CURRENT:		6KA	MAIN SWITCH:		250A NON AUTO LOAD BREAK ISOLATOR		A	
CHASSIS SIZE:		2 X 60 POLES	SUPPLIED FROM:		MDB		A	
CHASSIS RATING:		250A	SUPPLY CABLE:		4C70		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. 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	1	20	RCBO	2.5	EXTERNAL	GPO	A	
P2	1	20	RCBO	2.5	FEMALE CHANGE	HAND DRYER	A	
P3	1	20	RCBO	2.5	FEMALE AMENITIES	HAND DRYER	A	
P4	1	20	RCBO	2.5	MALE CHANGE	HAND DRYER	A	
P5	1	20	RCBO	2.5	MALE AMENITIES	HAND DRYER	A	
P6	3	20	RCBO	2.5	GROUND	HWS	A	
P7	3	20	RCBO	2.5	GROUND	HWS	A	
P8	3	20	RCBO	2.5	GROUND	HWS	A	
P9	1	20	RCBO	2.5	GROUND	HWS PUMP	A	
P10							B	
P11	1	20	RCBO	2.5	LEVEL 1	DRINK FOUNTAIN	A	
P12	1	20	RCBO	2.5	LEVEL 1	FLA 3 POWER	A	
P13	3	32	RCBO	6.0	LEVEL 1	HWS	B	
P14	1	20	RCBO	2.5	LEVEL 1	MUSIC POWER	A	
P15	1	20	RCBO	2.5	LEVEL 1	DANCE POWER	A	
P16	1	20	RCBO	2.5	LEVEL 1	MAINTENANCE	A	
P17	1	20	RCBO	2.5	LEVEL 1	MUSIC POWER	A	
P18	1	20	RCBO	2.5	FEMALE AMENITIES	GPO	A	
P19	1	20	RCBO	2.5	MALE AMENITIES	GPO	A	
L1	1	20	RCBO	2.5	GROUND	FEMALE LIGHT	A	
L2	1	20	RCBO	2.5	GROUND	MALE LIGHTS	A	
L3	1	20	RCBO	2.5	GROUND	CIRCULATION LIGHTS	A	
L4	1	20	RCBO	2.5	GROUND	CIRCULATION LIGHTS	A	
L5	1	20	RCBO	2.5	LEVEL 1	FLA 1 LIGHTS	A	
L6	1	20	RCBO	2.5	LEVEL 1	CIRCULATION LIGHTS	A	
L7	1	20	RCBO	2.5	LEVEL 1	CIRCULATION LIGHTS	A	
L8	1	20	RCBO	2.5	LEVEL 1	MUSIC LIGHTS	A	
L9	1	20	RCBO	2.5	LEVEL 1	DANCE LIGHTS	A	