



# ELECTRICAL DESIGN GROUP

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**C3328a - ORMISTON COLLEGE - CLI**  
**DISTRIBUTION BOARD DB-D (KITCHEN)**  
**REVISION A - 10 OCTOBER 2024**

**C3328a-0009(A).xls**

							REV
FAULT CURRENT:		6kA UTILISING CASCADING		MAIN SWITCH:		160A NON AUTO LOAD BREAK SWITCH	A
CHASSIS SIZE:		84 POLES		SUPPLIED FROM:		DB-CLI	A
CHASSIS RATING:		250A		SUPPLY CABLE:		1C 70	A
PHASES:		3					A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS. PROVIDE THE DB WITH SURGE PROTECTION.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm2)	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	KITCHEN	TV	A
P2	1	20	RCBO	2.5	KITCHEN	DW	A
P3	1	20	RCBO	2.5	KITCHEN	WORKSTATION	A
P4	3	32	RCBO	6.0	KITCHEN	18KW COMBI	A
P5	1	20	RCBO	2.5	KITCHEN	SALAMANDA	A
P6	1	20	RCBO	2.5	KITCHEN	REF	A
P7	1	20	RCBO	2.5	KITCHEN	REF	A
P8	1	20	RCBO	2.5	KITCHEN	GPO	A
P9	1	20	RCBO	2.5	KITCHEN	TOASTER	A
P10	1	20	RCBO	2.5	KITCHEN	15A GPO	A
P11	1	20	RCBO	2.5	CAFE	REF	A
P12	1	20	RCBO	2.5	CAFE	GPO	A
P13	1	20	RCBO	2.5	CAFE	REF	A
P14	1	32	RCBO	6.0	CAFE	COFFEE	A
P15	1	20	RCBO	2.5	CAFE	GRINDER	A
P16	1	20	RCBO	2.5	CAFE	POS	A
P17	1	20	RCBO	2.5	CAFE	ORDER	A
P18	1	20	RCBO	2.5	CAFE	POS	A
P19	1	20	RCBO	2.5	CAFE	HOT FOOD	A
P20	1	20	RCBO	2.5	CAFE	REF	A
P21	1	20	RCBO	2.5	CANTEEN	BAINIE MARIE	A
P22	1	20	RCBO	2.5	CANTEEN	BAINIE MARIE	A
P23	1	20	RCBO	2.5	CANTEEN	HOT SERVERY	A
P24	1	20	RCBO	2.5	KITCHEN	GPO	A
P25	1	20	RCBO	2.5	KITCHEN	COOL ROOM	A
P26	1	20	RCBO	2.5	KITCHEN	FREEZER	A
P27	1	20	RCBO	2.5	DECK	MW	A
P28	1	20	RCBO	4.0	DECK	COFFEE	A
P29	1	20	RCBO	2.5	CAFE	RSD	A
P30	1	20	RCBO	2.5	DECK	REF	A
P31	3	20		2.5	CHILLER PLANT	COMPRESSOR	A
P32	3	20		2.5	CHILLER PLANT	COMPRESSOR	A
P33	1	20	RCBO	2.5	CAFE	RSD	A
P34							
P35							
P36	1	20	RCBO	2.5	KITCHEN	GPO	A
P37	1	20	RCBO	2.5	KITCHEN	15A GPO	A
P38	1	20	RCBO	2.5	CAFE	15A GPO	A
P39	1	20	RCBO	2.5	CAFE	15A GPO	A
P40	1	20	RCBO	2.5	KITCHEN	HEAT LAMPS	A
P41	1	20	RCBO	2.5	SERVERY	HOT SERVERY	A
P42	1	20	RCBO	2.5	SERVERY	GANTRY	A
P43	1	20	RCBO	2.5	KITCHEN	MW	A
P44	1	20	RCBO	2.5	SERVERY	GANTRY	A
P45	1	20	RCBO	2.5	KITCHEN	HWS	A
P46	1	20	RCBO	2.5	DECK	ICE CREAM	A
P47	1	20	RCBO	2.5	DECK	GPO	A
P48	1	20	RCBO	2.5	DECK	GPO	A
P49	1	20	RCBO	2.5	CANTEEN	ICE CREAM	A