



# ELECTRICAL DESIGN GROUP

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C2083a - ACGS - VIKING CAFE & PREP SCHOOL GLAS

C2083a-0009(C1).xls

DISTRIBUTION BOARD DB-K (VIKING KITCHEN)

REVISION C1 - 24 MARCH 2020

							REV
FAULT CURRENT:		6kA	MAIN SWITCH:		250A NON AUTO LOAD BREAK		T1
CHASSIS SIZE:		2x72 POLES					T1
CHASSIS RATING:		250A	ALL SWITCHGEAR IS TO BE SCHNEIDER TO MATCH THE EXISTING SWITCHGEAR USED ACROSS THE SITE				T1
PHASES:		3					T1
REFER TO THE DB-1 / DB-K SCHEMATIC FOR CONFIGURATION DETAILS DB-K IS TO BE 700MM WIDE X NO MORE THAN 2200 HIGH DB-K IS TO BE PROVIDED WITH A MINIMUM RATING OF IP65. THE TOP OF DB-K IS TO BE SOLID WITHOUT ANY PENETRATIONS. ALL CABLE ACCESS INTO DB-K IS TO BE FROM BELOW.							T1
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm2 )	LOCATION	CIRCUIT USE	
P1	3	32	RCD	6.0	EXTERNAL	6 X 3.6KW HWS	T1
P2	1	20	RCD	2.5	EXTERNAL	GPOs	T1
P3	1	20	RCD	2.5	CORRIDOR	GPOs	T1
P4	1	20	RCD	2.5	AMENITY	HD	T1
P5	1	20	RCD	2.5	KITCHEN	COOL ROOM	T1
P6	1	20	RCD	2.5	KITCHEN	COOL ROOM	T1
P7	1	20	RCD	2.5	KITCHEN	COOL ROOM	T1
P8	1	20	RCD	2.5	OFFICE	GPOs	T1
P9	1	20	RCD	2.5	EXTERNAL	GPOs	T1
P10	3	20	RCD	2.5	EXTERNAL	REF COMPRESSOR	T1
P11	3	20	RCD	2.5	EXTERNAL	SEWER PUMP	T1
P12	3	20	RCD	2.5	EXTERNAL	REF COMPRESSOR	T1
P13	3	20	RCD	2.5	EXTERNAL	REF COMPRESSOR	T1
P14	3	32	RCD ESO	4.0	KITCHEN	17KW FRYER	T1
P15	1	20	RCD	2.5	KITCHEN	TOASTER	T1
P16	3	20	RCD ESO	2.5	KITCHEN	12KW GRIDDLE	T1
P17	1	20	RCD	2.5	KITCHEN	GPOs	T1
P18	3	32	RCD ESO	6.0	KITCHEN	21KW ELEMENT RANGE	T1
P19	3	63	RCD ESO	16.0	KITCHEN	36KW FRYER	T1
P20	1	20	RCD	2.5	KITCHEN	CHILLER	T1
P21	3	32	RCD	4.0	KITCHEN	20.2KW OVEN	T1
P22	3	32	RCD	4.0	KITCHEN	20.2KW OVEN	T1
P23	3	20	RCD	2.5	KITCHEN	10KW DW	T1
P24	1	20	RCD	2.5	KITCHEN	REF	T1
P25	1	20	RCD	2.5	KITCHEN	REF	T1
P26	1	20	RCD	2.5	KITCHEN	REF	T1
P27	1	20	RCD	2.5	KITCHEN	POS	T1
P28	1	20	RCD	4.0	KITCHEN	HEATED SHELF	T1
P29	1	20	RCD	2.5	KITCHEN	HEATED SHELF	T1
P30	1	20	RCD	2.5	KITCHEN	SLIDER	T1
P31	1	20	RCD	2.5	KITCHEN	SLIDER	T1
P32	3	20	RCD	2.5	KITCHEN	COFFEE	T1
P33	1	20	RCD	2.5	KITCHEN	POS	T1
P34	1	20	RCD	2.5	KITCHEN	GRINDER	T1
P35	3	20	RCD	2.5	KITCHEN	REF	T1
P36	1	20	RCD	2.5	KITCHEN	REF	T1
P37	1	20	RCD	2.5	KITCHEN	SLIDER	T1
P38	1	20	RCD	2.5	KITCHEN	REF	T1
P39	1	20	RCD	2.5	KITCHEN	SPARE GPO	T1
P40	1	20	RCD	2.5	KITCHEN	SPARE 15A GPO	T1
P41	1	20	RCD	2.5	KITCHEN	SPARE 15A GPO	T1
P42	1	20	RCD	2.5	KITCHEN	EXISTING MIXER	T1