



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3425a - KENMORE COMMUNITY CENTRE

C3425a-0004(B).xls

DISTRIBUTION BOARD DB-1

REVISION B - 06 FEBRUARY 2025

							REV
FAULT CURRENT:		6KA USING CASCADING		MAIN SWITCH:		100A NON AUTO LOAD BREAK	A
CHASSIS SIZE:		48 POLE		SUPPLIED FROM:		MSB	A
CHASSIS RATING:		250A		SUPPLY CABLE:		4C16	A
PHASES:		3					A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. REFER TO THE NOTES FOR ADDITIONAL REQUIREMENTS							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P1	3	20	RCBO	2.5	EXTERNAL	AC	A
P2	3	40		6.0	EXTERNAL	HWS	B
P3	1	20	RCBO	2.5	KITCHEN	OVEN	A
P4	1	32	RCBO	6.0	KITCHEN	COOKTOP	A
P5	1	20	RCBO	2.5	KITCHEN	GPO	A
P6	1	20	RCBO	2.5	KITCHEN	REF	A
P7	1	20	RCBO	2.5	EXTERNAL	GPO	A
P8	1	20	RCBO	2.5	KITCHEN	DISH WASHER	A
P9	1	20	RCBO	2.5	INTERNAL	GPO	A
P10	1	20	RCBO	2.5	KITCHEN	ZIP BOILER	B
L1	1	20	RCBO	2.5	BUILDING 1	LIGHTS	A