



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3425a - KENMORE COMMUNITY CENTRE

C3425a-0004(A).xls

DISTRIBUTION BOARD DB-1

REVISION A - 18 DECEMBER 2024

							REV
FAULT CURRENT:		6KA USING CASCADING			MAIN SWITCH:		100A NON AUTO LOAD BREAK
CHASSIS SIZE:		48 POLE			SUPPLIED FROM:		MSB
CHASSIS RATING:		250A			SUPPLY CABLE:		4C16
PHASES:		3					
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	20	RCBO	2.5	EXTERNAL	HWS	A
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
L1	1	20	RCBO	2.5	BUILDING 1	LIGHTS	A