



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3425a - KENMORE COMMUNITY CENTRE

C3425a-0005(A).xls

DISTRIBUTION BOARD DB-2

REVISION A - 18 DECEMBER 2024

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

CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	KITCHEN	AUTO BOILER	A
P2	1	20	RCBO	2.5	KITCHEN	REF	A
P3	1	20	RCBO	2.5	KITCHEN	GPO	A
P4	3	20	RCBO	2.5	EXTERNAL	HOT WATER	A
P5	3	20	RCBO	2.5	EXTERNAL	AC	A
P6	1	20	RCBO	2.5	MEETING ROOM	GPO	A
P7	1	20	RCBO	2.5	COMPUTER ROOM	GPO	A
P8	1	20	RCBO	2.5	BRIDGE CLUB	DESK	A
P9	1	20	RCBO	2.5	BRIDGE CLUB	COPIER	A
L1	1	20	RCBO	2.5	BUILDING 2	LIGHTS	A