



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3702a - KALLANGUR MEMORIAL BOWLS CLUB

C3702a-0005(A).xls

DISTRIBUTION BOARD DB-B

REVISION A - 15 APRIL 2026

							REV
FAULT CURRENT:		6kA		MAIN SWITCH:		250A NON AUTO LOAD BREAK	A
CHASSIS SIZE:		72 POLES		SUPPLIED FROM:		MSB	A
CHASSIS RATING:		250A		CABLE:		4C16	A
PHASES:		A					A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROLS INCLUDING THE CONTROL PROVIDED AS PART OF THE INITIAL WORKS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. DB-B MUST BE AT LEASTE 580 WIDE.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	RSL	CR-B	A
P2	1	20	RCBO	2.5	RSL	CR-B	A
P3	1	20	RCBO	2.5	RSL	SECURITY	A
P4	1	20	RCBO	2.5	RSL	LOBBY	A
P5	1	20	RCBO	2.5	RSL	AC	A
P6	1	20	RCBO	2.5	RSL	RECEPTION	A
P7	1	20	RCBO	2.5	RSL	AC	A
P8	1	20	RCBO	2.5	RSL	AC	A
P9	1	20	RCBO	2.5	RSL	OFFICE	A
P10	3	32	RCBO	6.0	EXTERNAL	AC	A
P11	1	20	RCBO	2.5	EXTERNAL	AC	A
P12	1	20	RCBO	2.5	RSL	AC	A
P13	1	20	RCBO	2.5	RSL	LOUNGE	A
P14	1	20	RCBO	2.5	RSL	AC	A
P15	1	20	RCBO	2.5	RSL	AC	A
P16	1	20	RCBO	2.5	RSL	ACTIVITY ROOM	A
P17	1	20	RCBO	2.5	KITCHEN	AB GPO	A
P18	1	20	RCBO	2.5	KITCHEN	APPLIANCES	A
P19	1	40	RCBO	6.0	KITCHEN	19.4KW HWS	A
P20	1	20	RCBO	2.5	KITCHEN	AUTO BOILER	A
P21	1	3	RCBO	2.5	KITCHEN	REF	A
L1	1	20	RCBO	2.5	RSL	LIGHTS	A
L2	1	20	RCBO	2.5	RSL	LIGHTS	A
L3	1	20	RCBO	2.5	RSL	LIGHTS	A
L4	1	20	RCBO	2.5	RSL	LIGHTS	A
L5	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5	EXTERNAL	SECURITY LIGHTS	A
L6	1	20	RCBO PE CELL ON DUSK OFF TC	2.5	EXTERNAL	LIGHTS	A
L7	1	20	RCBO PE CELL ON DUSK OFF TC	2.5	EXTERNAL	SIGNS	A