



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3599a - TI-TREE COLLECTIVE

C3599a-0011(A).xls

DISTRIBUTION BOARD DB-5

REVISION A - 14 OCTOBER 2025

FAULT CURRENT: 6KA							REV
MAIN SWITCH: 100A NON AUTO LOAD BREAK							A
CHASSIS SIZE: 48 POLE							A
SUPPLIED FROM: MSB							A
CHASSIS RATING: 250A							A
SUPPLY CABLE: 4C+E 16							A
PHASES: 3							A
REFER TO THE POWER SCHEMATIC FOR DETAILS OF CIRCUITS P1 AND P2. 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	A
P3	1	32	RCBO	6.0	KITCHEN	COOK TOP	A
P4	3	32	RCBO	6.0		HWS	A
P5	3	32	RCBO	6.0		HWS	A
P6	3	32	RCBO	6.0		HWS	A
P7	1	20	RCBO	2.5	KITCHEN	OVEN	A
P8	1	20	RCBO	2.5		GPO	A
P9	1	20	RCBO	2.5		GPO	A
P10	1	20	RCBO	2.5		GPO	A
P11	1	20	RCBO	2.5		GPO	A
P12	1	20	RCBO	2.5		GPO	A
P13	1	20	RCBO	2.5		GPO	A
P14	1	20	RCBO	2.5		GPO	A
P15	1	20	RCBO	2.5		GPO	A
P16	1	20	RCBO	2.5		GPO	A
P17	1	20	RCBO	2.5		GPO	A
P18	1	20	RCBO	2.5		GPO	A
							A
							A
							A
L1	1	20	RCBO	2.5		LIGHTS	A
L2	1	20	RCBO	2.5		LIGHTS	A
L3	1	20	RCBO	2.5		LIGHTS	A
L4	1	20	RCBO	2.5		LIGHTS	A
L5	1	20	RCBO	2.5		LIGHTS	A
L6	1	20	RCBO	2.5		LIGHTS	A
							A
							A
							A
							A