



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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**C3599a - TI-TREE COLLECTIVE**

**C3599a-0004(A).xls**

**DISTRIBUTION BOARD DB-L**

**REVISION A - 14 OCTOBER 2025**

							REV
FAULT CURRENT: 6KA CHASSIS SIZE: 30 POLE CHASSIS RATING: 250A PHASES: 3							A
MAIN SWITCH: 100A NON AUTO LOAD BREAK SUPPLIED FROM: MSB SUPPLY CABLE: 4C+E 10							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	A
L1	3	40	RCBO MS	6.0	BASEMENT	LIGHTING	A
L2	3	20	RCBO MS	2.5	BASEMENT	LIGHTING	A
L3	3	20	RCBO	2.5	PLANT / STAIRS	LIGHTING	A
L4	3	20	RCBO	2.5	LOBBIES	LIGHTING	A
L5	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5	EXTERNAL	LIGHTING	A
L6	3	20	RCBO PE CELL ON DUSK OFF DAWN	2.5	EXTERNAL	LIGHTING	A
L7	3	20	RCBO PE CELL ON DUSK OFF DAWN	2.5	EXTERNAL	LIGHTING	A
L8	3	20	RCBO PE CELL ON DUSK OFF DAWN	2.5	EXTERNAL	LIGHTING	A
L9	3	20	RCBO PE CELL ON DUSK OFF DAWN	2.5	EXTERNAL	LIGHTING	A
L10	1	20	RCBO PE CELL ON DUSK TC OFF 10.00PM	2.5	EXTERNAL	LIGHTING	A
L11	1	20	RCBO PE CELL ON DUSK TC OFF 10.00PM	2.5	EXTERNAL	LIGHTING	A
L12	1	20	RCBO PE CELL ON DUSK TC OFF 10.00PM	2.5	EXTERNAL	LIGHTING	A
L13	1	20	RCBO PE CELL ON DUSK TC OFF 10.00PM	2.5	EXTERNAL	LIGHTING	A
L14	1	20	RCBO PE CELL ON DUSK TC OFF 10.00PM	2.5	EXTERNAL	LIGHTING	A
L15	1	20	RCBO	2.5	EXTERNAL	LIGHTING	A
L16	1	20	RCBO	2.5	EXTERNAL	LIGHTING	A
L17	1	20	RCBO	2.5	EXTERNAL	LIGHTING	A
L18	1	20	RCBO	2.5	EXTERNAL	LIGHTING	A
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