



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3604a - 25 SOUTH PINE ROAD, BRENDALE

C3604a-0004(A).xls

DISTRIBUTION BOARD DB-1

REVISION A - 18 AUGUST 2025

<div>FAULT CURRENT: 6kA UTILISING CASCADING</div> <div>MAIN SWITCH: 250 NON AUTO LOAD BREAK</div> <div>CHASSIS SIZE: 84 POLES</div> <div>SUPPLIED FROM: DB-A</div> <div>CHASSIS RATING: 250A</div> <div>SUPPLY CABLE: 4C+E 70</div> <div>PHASES: 3</div>							REV
							A
							A
							A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE DIN RAIL REQUIRED FOR THE CONTROLS PROVIDED AS PART OF THE WORKS . PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE EMERGENCY LIGHTS.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	A
							A
P1	1	20	RCBO	2.5	STAFF	GPOs	A
P2	1	20	RCBO	2.5	AMENITY	GPOs	A
P3	3	20	RCBO	2.5	WAREHOUSE	RSD	A
L1	1	20	RCBO	2.5	WAREHOUSE	LIGHTING	A
L2	1	20	RCBO	2.5	WAREHOUSE	LIGHTING	A
L3	1	20	RCBO	2.5	WAREHOUSE	LIGHTING	A
L4	1	20	RCBO	2.5	WAREHOUSE	LIGHTING	A
L5	1	20	RCBO	2.5	WAREHOUSE	LIGHTING	A
L6	1	20	RCBO	2.5	WAREHOUSE	LIGHTING	A
L7	1	20	RCBO	2.5	WAREHOUSE	LIGHTING	A
L8	1	20	RCBO	2.5	WAREHOUSE	LIGHTING	A
L9	1	20	RCBO	2.5	AMENITY	LIGHTING	A
L10	3	20	RCBO	2.5	WAREHOUSE	FAN	A
L11	3	20	RCBO	2.5	WAREHOUSE	FAN	A
L12	3	20	RCBO	2.5	WAREHOUSE	FAN	A
L13	3	20	RCBO	2.5	WAREHOUSE	FAN	A