



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C2387a - 357 LOGAN ROAD, STONES CORNER

C2387a-0007(A).xls

DISTRIBUTION BOARD DB-1

REVISION A - 04 JUNE 2021

<div>FAULT CURRENT: 6kA</div> <div>CHASSIS SIZE: 12 POLE LIGHTING 36 POLE POWER</div> <div>CHASSIS RATING: 250A</div> <div>PHASES: 3</div> <div>MAIN SWITCH: 100 AMP NON AUTO</div> <div>SUPPLIED FROM: MSB</div> <div>SUPPLY CABLE: 4C 35</div>							REV
							A
							A
							A
							A
PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED TENANCY EMERGENCY LIGHTS. PROVIDE A TYPE M4 METER TO SEPARATELY METER THE SECOND CHASSIS. PROVIDE THE DISTRIBUTION BOARD WITH A DIN RAIL MOUNTED DALI POWER SUPPLY AND DALI CONTROLLER.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	A
P1	1	20	RCD	2.5	TENANCY 1	NTU	A
P2	1	20	RCD	2.5	TENANCY 1	GPOs	A
P3	1	20	RCD	2.5	TENANCY 1	AUTO DOOR	A
P4							A
P5							A
P6							A
P7							A
							A
L1	1	20	RCD	2.5	TENANCY 1	LIGHTS	A
L2	1	20	RCD	2.5	TENANCY 1	LIGHTS	A
L3							A
L4							A
L5							A
L6							A
L7							A
							A
							A
							A
							A