

**ELECTRICAL DESIGN GROUP**

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C2387a - 357 LOGAN ROAD, STONES CORNER**C2387a-0012(B).xls****DISTRIBUTION BOARD DB-6****REVISION B - 17 MARCH 2023**

FAULT CURRENT: 6kA CHASSIS SIZE: 12 POLE LIGHTING 36 POLE POWER CHASSIS RATING: 250A PHASES: 3							REV
MAIN SWITCH: 100 AMP NON AUTO							A
SUPPLIED FROM: MSB							A
SUPPLY CABLE: 4C 35							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 ²)	LOCATION	CIRCUIT USE	A
P1	1	20	RCD	2.5	TENANCY 6	NTU	A
P2	1	20	RCD	2.5	TENANCY 6	GPOs	A
P3	1	20	RCD	2.5	TENANCY 6	OFFICE	B
P4	1	20	RCD	2.5	TENANCY 6	CLEANING	B
P5	1	20	RCD	2.5	TENANCY 6	UTILITY	B
P6	1	20	RCD	2.5	TENANCY 6	DISHWASHER	B
P7	1	20	RCD	2.5	TENANCY 6	PRINTER	B
P8	1	20	RCD	2.5	TENANCY 6	COMMS RACK	B
P9	1	20	RCD	2.5	TENANCY 6	WORKSTATION	B
P10	1	20	RCD	2.5	TENANCY 6	WORKSTATION	B
P11	1	20	RCD	2.5	TENANCY 6	WORKSTATION	B
P12	1	20	RCD	2.5	TENANCY 6	OFFICE	B
P13	1	20	RCD	2.5	TENANCY 6	MW	B
P14	1	20	RCD	2.5	TENANCY 6	REF	B
P15	1	20	RCD	2.5	TENANCY 6	GPOS	B
P16	1	20	RCD	2.5	TENANCY 6	ZIP 3 IN 1	B
P17							B
P18							
							A
L1	1	20	RCD	2.5	TENANCY 6	LIGHTS	A
L2	1	20	RCD	2.5	TENANCY 6	LIGHTS	A
L3	1	20	RCD	2.5	TENANCY 6	LIGHTS	A
L4	1	20	RCD	2.5	TENANCY 6	LIGHTS	A
L5	1	20	RCD	2.5	TENANCY 6	LIGHTS	A
L6	1	20	RCD	2.5	TENANCY 6	LIGHTS	A
L7							A
							A
							A
							A
							A