



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C0677a - RSPCA - WACOL

C0677a-0012(A).xls

DISTRIBUTION BOARD DB-A1 (BUILDING A STAFF ACCESS CORRIDOR)

REVISION A - 01 JULY 2010

FAULT CURRENT: 6KA CHASSIS SIZE: 60 POLES CHASSIS RATING: 250A PHASES: 3							REV
MAIN SWITCH: 160A NON AUTO ISOLATOR SUPPLIED FROM: MSB SUPPLY CABLE: 4C70							A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. WITH SURGE PROTECTION. REFER TO THE DB-A1 SCHEMATIC FOR THE SWITCHBOARD CONFIGURATION							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm2 )	LOCATION	CIRCUIT USE	
P1							A
P2	1	20	RCD	2.5	INTERNAL	AUTO DOOR	A
P3	1	20	RCD	2.5	INTERNAL	WORKSTATION	A
P4	1	20	RCD TC ON OFF	2.5	INTERNAL	AUTO BOILER	A
P5	1	20	RCD	2.5	INTERNAL	GPOs	A
P6	1	20	RCD	2.5	INTERNAL	CR-A1	A
P7	1	20	RCD	2.5	INTERNAL	WORKSTATION	A
P8	1	20	RCD	2.5	INTERNAL	CCTV RACK	A
P9	1	20	RCD	2.5	INTERNAL	GPOs	A
P10	1	20	RCD TC ON OFF	2.5	INTERNAL	AUTO BOILER	A
P11	1	20	RCD	2.5	INTERNAL	SIGN TV	A
P12	1	20	RCD	2.5	INTERNAL	GPOs	A
P13	1	20	RCD	2.5	INTERNAL	WORKSTATION	A
P14	1	20	RCD	2.5	INTERNAL	SIGN TV	A
P15	1	20	RCD	2.5	INTERNAL	WORKSTATION	A
P16	1	20	RCD	2.5	INTERNAL	WATER FEATURE	A
P17	1	20	RCD	2.5	INTERNAL	REPTILES	A
P18	1	20	RCD	2.5	INTERNAL	WORKSTATION	A
P19	1	20	RCD	2.5	INTERNAL	APPLIANCES	A
P20	1	20	RCD	2.5	INTERNAL	WORKSTATION	A
P21	1	20	RCD	2.5	INTERNAL	GPOs	A
P22	1	20	RCD	2.5	INTERNAL	WORKSTATION	A
P23	1	20	RCD	2.5	INTERNAL	WORKSTATION	A
P24	1	20	RCD	2.5	INTERNAL	WORKSTATION	A
P25	1	20	RCD	2.5	INTERNAL	WORKSTATION	A
P26	3	40	RCD	6.0	POLE P3A	40A OUTLET	A
P27	1	20	RCD	2.5	POLE P3A	20A OUTLET	A
P28	3	40	RCD	6.0	POLE P3B	40A OUTLET	A
P29	1	20	RCD	2.5	POLE P3B	20A OUTLET	A
P30	1	20	RCD	2.5	EXTERNAL	PUMP 1KW	A
P31	1	20	RCD	2.5	EXTERNAL	PUMP 2x1KW	A
L1	1	20	RCD	2.5	ENTRY	SIGN	A
L2	1	20	RCD PE CELL ON / OFF	2.5	ENTRY	LIGHTS	A
L3	1	20	RCD PE CELL ON / TC OFF	2.5	EXTERNAL	LIGHTS	A
L4	1	20	RCD PE CELL ON / OFF	2.5	SURRENDER	LIGHTS	A
L5	1	20	RCD PE CELL ON / OFF	2.5	SIGN	LIGHTS	A
L6	1	20	RCD	2.5	FOYER		A
L7	1	20	RCD	2.5	INTERNAL	LIGHTS	A
L8	1	20	RCD	2.5	INTERNAL	LIGHTS	A
L9	1	20	RCD	2.5	INTERNAL	LIGHTS	A
L10	1	20	RCD	2.5	INTERNAL	LIGHTS	A
L11	1	20	RCD	2.5	INTERNAL	LIGHTS	A
L12	1	20	RCD	2.5	INTERNAL	LIGHTS	A