



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3454a - MOTORAMA - HILLCREST KIA

C3454a-0004(A).xls

DISTRIBUTION BOARD DB-N

REVISION A - 21 MAY 2025

							REV
MODIFY THE EXISTING DISTRIBUTION BOARD TO ACCOMMODATE THE FOLLOWING CIRCUITS. REMOVE ALL SWITCHGEAR THAT BECOMES REDUNDANT AND UPDATE THE SCHEDULE AT PRACTICAL COMPLETION. IT IS ACCEPTABLE TO UTILISE EXISTING CIRCUITS IF THEY ARE IN APPROPRIATE CONDITION AND HAVE SUFFICIENT SPARE CAPACITY							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm2)	LOCATION	CIRCUIT USE	
P1	1	20	RCD	2.5	SHOWROOM	AUTODOOR	A
P2	1	20	RCD	2.5	EXTERNAL	MAINTENANCE GPO	A
P3	1	20	RCD	2.5	SHOWROOM	FLOOR BOX	A
P4							A
P5	1	20	RCD	2.5	SHOWROOM	CLEANING	A
P6	1	20	RCD	2.5	EXTERNAL	PUMPS	A
P7	1	20	RCD	2.5	GENERAL	CLEANING	A
P8	1	20	RCD	2.5	GENERAL	TV	A
P9	1	20	RCD	2.5	AMENITY	HAND DRYER	A
P10	1	20	RCD	2.5	AMENITY	GPO	A
P11	1	20	RCD	4.0	AMENITY	HAND DRYER	A
P12	1	20	RCD	2.5	OFFICES	DESK	A
P13	1	20	RCD	2.5	SERVICE	PRINTER	A
P14	1	20	RCD	2.5	SERVICE	SERVICE COUNTER	A
P15	1	20	RCD	2.5	SERVICE	DESK	A
P16	1	20	RCD	2.5	STORE	SECURITY	A
P17							A
P18							A
P19	1	20	RCD	2.5	SHOWROOM	FLOOR BOX	A
P20							A
P21	1	20	RCD	2.5	CUSTOMER LOUNGE	REFERIGERATOR	A
P22	1	20	RCD	2.5	TRAINING	AUTO BOILER	A
P23	1	20	RCD	2.5	CUSTOMER LOUNGE	AUTO BOILER	A
P24	1	20	RCD	2.5	CUSTOMER LOUNGE	COFFEE 20A GPO	A
P25	1	20	RCD	2.5	CUSTOMER LOUNGE	KITCHEN GPO	A
P26	1	20	RCD	2.5	CLERK	CR-N 15A GPO	A
P27	1	20	RCD	2.5	ROOF	WP GPO	A
P28	1	20	RCD	2.5	EXTERNAL	WP GPO	A
P29							A
P30							A
P31	1	20	RCD	2.5	SALES	DESK	A
P32	1	20	RCD	2.5	EXTERNAL	HWS	A
L1	1	20	RCD C6	2.5	EXTERNAL	BUILDING SECURITY	A
L2	1	20	RCD	2.5	INTERNAL	24 HOUR LIGHTING	A
L3	1	20	RCD C4	2.5	INTERNAL	LIGHTING	A
L4	1	20	RCD C5	2.5	DRIVE THRU	LIGHTING	A
L5	1	20	RCD C3	2.5	SALES	LIGHTING	A
L6	1	20	RCD C1 / C2	2.5	SHOWROOM	LIGHTING	A
L7	1	20	RCD C5	2.5	EXTERNAL	BUILDING SIGNAGE	A
L8	1	20	RCD C5	2.5	EXTERNAL	BUILDING SIGNAGE	A
L9	1	20	RCD C6	2.5	EXTERNAL	FLOOD LIGHT	A
L10	1	20	RCD C6	2.5	EXTERNAL	SHOE BOX LIGHT	A
L11	1	20	RCD C6	2.5	EXTERNAL	FLOOD LIGHT	A
L12	1	20	RCD C5	2.5	EXTERNAL	PYLON SIGN	A