



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3540a - HOLLAND PARK HOTEL

C3540a-0006(A).xls

DISTRIBUTION BOARD DB-3

REVISION A - 05 JULY 2025

<div>FAULT CURRENT: 6KA</div> <div>CHASSIS SIZE: 96 POLE</div> <div>CHASSIS RATING: 250A</div> <div>PHASES: 3</div> <div>MAIN SWITCH: 250 NON AUTO LOAD BREAK</div> <div>SUPPLIED FROM: EXISTING MSB</div> <div>SUPPLY CABLE: EXISTING</div>							REV
							A
							A
							A
							A
REFER TO THE EQUIPMENT SCHEDULE AND NOTES FOR ADDITIONAL REQUIREMENTS. PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROLS INCLUDING THE DYNALITE EQUIPMENT PROVIDED AS PART OF THE INITIAL WORKS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. RECONNECT ALL OF THE EXISTING CIRCUITS DB-3 THAT REMAIN TO THE NEW DB-3 WITH NEW SWITCHGEAR AND CONTROLS THAT HAS THE SAME CAPACITY AND FUNCTION AS THE ORIGINAL. ENSURE THE SCHEDULE INCLUDES THE CIRCUIT USE AND LOCATION.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P1	3	40		6.0	ROOF	AC CONDENSER	A
P2	1	20	RCBO	2.5	SPORTS BAR	FCU	A
P3	1	20	RCBO	2.5	SPORTS BAR	FCU	A
P4	1	20	RCBO	2.5	SPORTS BAR	FCU	A
P5	1	20	RCBO	2.5	SPORTS BAR	FCU	A
P6	1	20	RCBO	2.5	ROOF	AC CONDENSER	A
P7	1	20	RCBO	2.5	ROOF	AC CONDENSER	A
P8	1	20	RCBO	2.5	ROOF	AC CONDENSER	A
P9	1	20	RCBO	2.5	TAB	TV	A
P10	1	20	RCBO	2.5	TAB	TAB	A
P11	1	20	RCBO	2.5	TAB	TAB	A
P12	1	20	RCBO	2.5	TAB	TV	A
							A
							A
							A
							A
L1	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L2	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L3	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L4	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L5	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L6	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L7	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L8	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L9	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L10	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L11	1	20	RCBO	2.5	SPORTS BAR	SIGNAGE	A
							A
							A
							A