ELECTRICAL DESIGN GROUP
ELECTRICAL BUILDING SERVICES CONSULTANTS
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C2559a - THE BELVEDERE HOTEL, WOODY POINT **C2559a-0013(A).xls**

DISTRIBUTION BOARD DB-E (INTEGRAL TO THE MSB)

REVISION A - 11 MARCH 2022

			REV
FAULT CURRENT:	6KA USING CASCADING		A
CHASSIS SIZE:	60 POLES	INTEGRAL TO THE MSB	A
CHASSIS RATING:	250A		A
PHASES:	3		A

PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS. DB-E IS INTEGRAL TO THE MSB REFER TO THE POWER SCHEMATIC. REINSTATE THE EXISTING MSB SERVICES THAT REMAIN WITH NEW SWITCHGEAR AND CONTROLS TO MATCH THE EXISTING IN CAPACITY AND FUNCTION. A

CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm^2)	LOCATION	CIRCUIT USE	
P1	3	32 C CURVE		10 + 10 EARTH	NORTH	LIFT	A
P2	3	32 C CURVE		10 + 10 EARTH	SOUTH	LIFT	A
P3	1	20	RCD	2.5	LEVEL 1 PLANT DECK	MAINTENANCE	A
P4	1	20	RCD	2.5	LEVEL 1 PLANT DECK	REF COMPRESSOR	A
P5	1	20	RCD	2.5	LEVEL 1 PLANT DECK	REF COMPRESSOR	A
L1	1	20	RCD PE CELL ON DUSK / OFF DAWN	4.0	CARPARK	SECURITY	A
L2	1	20	RCD PE CELL ON DAWN TC 1 OFF	4.0	CARPARK	LIGHTING	A
L3	1	20	RCD PE CELL ON DAWN TC 1 OFF	6.0	CARPARK	LIGHTING	A
L4	1	20	RCD PE CELL ON DAWN TC 1 OFF	6.0	CARPARK	LIGHTING	A

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