

ELECTRICAL DESIGN GROUP

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C2559a - THE BELVEDERE HOTEL, WOODY POINT DISTRIBUTION BOARD DB-E (INTEGRAL TO THE MSB)

C2559a-0013(C).xls

REVISION C - 21 JULY 2023

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							REV
		FAULT CURRENT:	6KA USING CASCADIN	A USING CASCADING			
		CHASSIS SIZE:	60 POLES INTEGRAL TO THE MSB				Α
		CHASSIS RATING:	250A				А
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.							
CIRC	PH	CIRCUIT	CONTROL	CABLE	LOCATION	CIRCUIT	
		BREAKER (amps)	EQUIPMENT	SIZE (mm²)		USE	
P1	3	32 C CURVE		10 + 10 EARTH	NORTH	LIFT	А
P2	3	32 C CURVE		10 + 10 EARTH	SOUTH	LIFT	Α
P3	1	20	RCD	2.5	LEVEL 1 PLANT DECK	MAINTENANCE	Α
P4	1	20	RCD	2.5	LEVEL 1 PLANT DECK	REF COMPRESSOR	Α
P5	1	20	RCD	2.5	LEVEL 1 PLANT DECK	REF COMPRESSOR	Α
L1	1	20	RCD PE CELL ON DUSK / OFF DAWN	4.0	CARPARK	SECURITY	А
L2	1	20	RCD PE CELL ON DAWN TC 1 OFF	4.0	CARPARK	LIGHTING	А
L3	1	20	RCD PE CELL ON DAWN TC 1 OFF	6.0	CARPARK	LIGHTING	Α
L4	1	20	RCD PE CELL ON DAWN TC 1 OFF	6.0	CARPARK	LIGHTING	Α
L5	1	20	RCD PE CELL ON DAWN TC 1 OFF	6.0	CARPARK	LIGHTING	В
L6	1	20	RCD PE CELL ON DAWN TC 1 OFF	6.0	CARPARK	SIGN	С
L7	1	20	RCD PE CELL ON DAWN TC 1 OFF	6.0	CARPARK	SIGN	С