



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3615a - VICTORIA POINT SHARKS SPORTING CLUB - MINOR WORKS

C3615a-0005(C).xls

DISTRIBUTION BOARD DB-E

REVISION C - 10 SEPTEMBER 2025

<div>FAULT CURRENT: 6KA</div> <div>CHASSIS SIZE: 72 POLE</div> <div>CHASSIS RATING: 250A</div> <div>PHASES: 3</div> <div>MAIN SWITCH: 250A NON AUTO LOAD BREAK</div> <div>SUPPLY CABLE: EXISTING</div>							REV
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REPLACE THE EXISTING DB-E WITH A NEW FLUSH RECESSED DISTRIBUTION BOARD 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 DB-E CIRCUITS THAT REMAIN WITH NEW AS3000 COMPLIANT SWITCHGEAR AND CONTROLS THAT HAVE THE SAME CAPACITY AND FUNCTION AS THE ORIGINAL. RECONNECT THE EXISTING SUBMAIN TO SUPPLY THE NEW DB-E.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	MALE	GPOS	A
P2	1	20	RCBO	2.5	FEMALE	HAND DRYER	A
P3	1	20	RCBO	2.5	MALE	HAND DRYER	A
P4	1	20	RCBO	2.5	DINING	BLINDS	B
P5	1	20	RCBO TC ON TC OFF	2.5	AMENITY	TOILET EXHAUST	C
P6	1	40		6.0	ROOF	AC CONDENSOR	C
L1	1	20	RCBO	2.5	LOUNGE BOOTHS	LIGHTS	A
L2	1	20	RCBO	2.5	DINING	LIGHTS	A
L3	1	20	RCBO	2.5	DINING	LIGHTS	A
L4	1	20	RCBO	2.5	SERVERY	LIGHTS	A
L5	1	20	RCBO	2.5	FEMALE	LIGHTS	A
L6	1	20	RCBO	2.5	MALE	LIGHTS	A