



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375

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C3600a - BENOWA TAVERN

C3600a-0005(A).xls

DISTRIBUTION BOARD DB-B

REVISION A - 26 SEPTEMBER 2025

FAULT CURRENT: 6KA CHASSIS SIZE: 96 POLE CHASSIS RATING: 250A PHASES: 3							REV
MAIN SWITCH: 250 NON AUTO LOAD BREAK							A
SUPPLY CABLE: 4C70+E							A
SOURCE: MDB							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. ENSURE THE SCHEDULE INCLUDES THE CIRCUIT USE AND LOCATION. ALLOW NEW SWITCHGEAR AND CONTROLS TO CONNECT ANY EXISTING DB-A CIRCUITS THAT REMAIN.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	A
P1	1	20	RCBO	2.5	BAR	GLASS WASHER	A
P2	1	20	RCBO	2.5	BAR	POS	A
P3	1	20	RCBO	2.5	BAR	REF	A
P4	1	20	RCBO	2.5	BAR	REF	A
P5	1	25	RCBO	6.0	BAR	COFFEE	A
P6	1	20	RCBO	2.5	BAR	GPOs	A
P7	1	20	RCBO	2.5	DINING	CLEANING	A
P8	1	20	RCBO	2.5	SOUND LOCK	AUTO DOOR	A
P9	1	20	RCBO	2.5	DINING	TV	A
P10	1	20	RCBO	2.5	AMENITY	HD	A
P11	1	20	RCBO	2.5	FUNCTION	CLEANING	A
P12	1	20	RCBO	2.5	SOUND LOCK	ATM	A
P13	3	63		16.0	EXTERNAL	DBS	A
							A
							A
							A
							A
L1	1	20	RCBO	2.5	DINING	LIGHTING	A
L2	1	20	RCBO	2.5	AMENITIES	LIGHTING	A
L3	1	20	RCBO	2.5	AMENITIES	LIGHTING	A
L4	1	20	RCBO	2.5	KIDS	LIGHTING	A
L5	1	20	RCBO	2.5	DINING	LIGHTING	A
L6	1	20	RCBO	2.5	TERRACE	LIGHTING	A
L7	1	20	RCBO	2.5	DINING	LIGHTING	A
L8	1	20	RCBO	2.5	FUNCTION	LIGHTING	A
L9	1	20	RCBO	2.5	FUNCTION	LIGHTING	A
L10	1	20	RCBO	2.5	FUNCTION	LIGHTING	A
L11	1	20	RCBO	2.5	FUNCTION	LIGHTING	A
L12	1	20	RCBO	2.5	BAR	LIGHTING	A
L13	1	20	RCBO	2.5	DINING	LIGHTING	A
L14	1	20	RCBO	2.5	DINING	LIGHTING	A
L15	1	20	RCBO	2.5	BAR	LIGHTING	A
L16	1	20	RCBO	2.5	DECK	HEATER	A
L17	1	20	RCBO	2.5	DECK	HEATER	A
L18	1	20	RCBO	2.5	DECK	HEATER	A
L19	1	20	RCBO	2.5	DECK	HEATER	A
L20	1	20	RCBO	2.5	CEILING VOID	FLOOD LIGHTS	A
L21	1	20	RCBO	2.5	FUNCTION	LIGHTING	A
L22	1	20	RCBO	2.5	FUNCTION	LIGHTING	A
L23	1	20	RCBO	2.5	DINING	LIGHTING	A
L24	1	20	RCBO	2.5	EXTERNAL	LIGHTING	A
L25	1	20	RCBO	2.5	EXTERNAL	LIGHTING	A
L26	1	20	RCBO	2.5	EXTERNAL	LIGHTING	A
L27	1	20	RCBO	2.5	EXTERNAL	LIGHTING	A



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CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	A
L28	1	20	RCBO	2.5	EXTERNAL	LIGHTING	A
L29	1	20	RCBO	2.5	EXTERNAL	LIGHTING	A
L30	1	20	RCBO	2.5	EXTERNAL	LIGHTING	A
L31	1	20	RCBO	2.5	EXTERNAL	LIGHTING	A
L32	1	20	RCBO	2.5	EXTERNAL	LIGHTING	A
L33	1	20	RCBO	2.5	SERVERY	HEAT LAMPS	A
L34	1	20	RCBO	2.5		SIGN	A
L35	1	20	RCBO	2.5		SIGN	A
							A
							A
							A
							A