

# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

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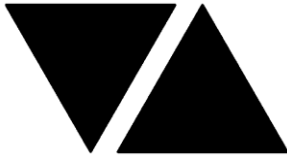
C3031a - CURRUMBIN WILDLIFE SANCTUARY - AUSTRALIANA PRECINCT

C3031a-0006(D).xls

DISTRIBUTION BOARD DB-A

REVISION D - 07 NOVEMBER 2023

							REV
FAULT CURRENT:		6kA		MAIN SWITCH:		250A LOAD BREAK NON AUTO	A
CHASSIS SIZE:		2 X 84 POLES		CABLE		1C 185	A
CHASSIS RATING:		250A					A
PHASES:		A					A
<p>PROVIDE THE DB WITH 2 X 700 WIDE EMPTY DIN RAILS 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. THE MINIMUM WIDTH OF DB-A IS 1,400MM.</p>							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	BAR	POS	A
P2	1	20	RCBO	2.5	BAR	COKE MACHINE	A
P3	1	20	RCBO	2.5	BAR	REF	A
P4	1	20	RCBO	2.5	BAR	ICE MACHINE	A
P5	1	20	RCBO	2.5	BAR	GPO	A
P6	1	20	RCBO	2.5	BAR	COFFEE	A
P7	1	20	RCBO	2.5	BAR	ZIP	A
P8	1	20	RCBO	2.5	BAR	GLASS WASHER	A
P9	3	32	RCBO	6.0	KITCHEN	10 SHELF COMBI	A
P10	1	20	RCBO	2.5	KITCHEN	KEGROOM	A
P11	1	20	RCBO	2.5	KITCHEN	HEAT LAMPS	A
P12	1	20	RCBO	2.5	KITCHEN	HEAT LAMPS	A
P13	1	20	RCBO	2.5	KITCHEN	REF	A
P14	1	20	RCBO	2.5	KITCHEN	GPO	A
P15	1	20	RCBO	2.5	KITCHEN	REF	A
P16	1	20	RCBO	2.5	KITCHEN	HOT CUPBOARD	A
P17	3	63		16.0	KITCHEN	20 SHELF COMBI	A
P18	3	32	RCBO	6.0	KITCHEN	DISHWASHER	A
P19	1	20	RCBO	2.5	EXTERNAL	POST MIX	A
P20	1	20	RCBO	2.5	EXTERNAL	POST MIX	A
P21	1	20	RCBO	2.5	EXTERNAL	POST MIX	A
P22	1	20	RCBO	2.5	EXTERNAL	POST MIX	A
P23	1	20	RCBO	2.5	EXTERNAL	MAINTENANCE	A
P24	1	20	RCBO	2.5	AMENITY	HAND DRYER	A
P25	3	20	RCBO	2.5	ROOF	EXHAUST AIR FAN	A
P26	3	20	RCBO	2.5	ROOF	SUPPLY AIR FAN	A
P27	1	20	RCBO	2.5	EXTERNAL	KEG ROOM COMP	A
P28	1	20	RCBO	2.5	EXTERNAL	FR COMP	A
P29	1	20	RCBO	2.5	EXTERNAL	FZ COMP	A
P30	3	63		16.0	EXTERNAL	AC 1	A
P31	3	63		16.0	EXTERNAL	AC 2	A
P32	1	20	RCBO	2.5	BOH	GPO	A
P33	3	40	RCBO	6.0	STORE	HWS	A
P34	1	20	RCBO	2.5	STORE	PUMP	A
P35	1	20	RCBO	2.5	STORE	CR-A	A
P36	1	20	RCBO	2.5	STORE	CR-A	A
P37	1	20	RCBO	2.5	AMENITY	HAND DRYER	A
P38	1	20	RCBO	2.5	BELOW DECK	PUMP	A
P39	1	20	RCBO	2.5	FZ CS	FZ	A
P40	1	20	RCBO	2.5	FR CS	FR	A
P41	1	20	RCBO	2.5	FUNCTION	GPO	A
P42	1	20	RCBO	2.5	FUNCTION	GPO	A
P43	1	20	RCBO	2.5	FUNCTION	FIRE	A
P44	1	20	RCBO	2.5	FUNCTION	GPO	A
P45	1	20	RCBO	2.5	DECK	GPO	A



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PHASES:		A						A
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CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE		
P46	1	20	RCBO	2.5	DECK	GPO	A	
P47	1	20	RCBO	2.5	DECK	GPO	A	
P48	1	20	RCBO	2.5	KITCHEN	GAS CONTROL	A	
P49	1	20	RCBO	2.5	PLANT	SUMP PUMP	A	
P50	1	20	RCBO	2.5	CS	VENT FAN	A	
P51	1	20	RCBO TC ON 6.00AM OFF 11.00PM	2.5	ROOF	TOILET EXHAUST	A	
P52	1	20	RCBO	2.5	PLANT	SECURITY	A	
P53	3	20	RCBO	2.5	LOADING DOCK	RSD	A	
P54	1	20	RCBO	2.5	AMENITY	AMENITY	A	
P55	1	20	RCBO	2.5	DECK	HEATER	B	
P56	1	20	RCBO	2.5	DECK	HEATER	B	
P57	1	20	RCBO	2.5	DECK	HEATER	B	
P58	1	20	RCBO	2.5	DECK	HEATER	B	
P59	1	20	RCBO	2.5	DECK	HEATER	B	
P60	1	20	RCBO	2.5	DECK	HEATER	B	
P61	1	20	RCBO	2.5	DECK	HEATER	B	
P62	1	20	RCBO	2.5	DECK	HEATER	B	
P63	1	20	RCBO	2.5	DECK	HEATER	B	
P64	1	20	RCBO	2.5	FUNCTION	PROJECTOR	B	
P65	1	20	RCBO	2.5	FUNCTION	PROJECTOR	B	
P66	1	20	RCBO	2.5	EXTERNAL	DIGITAL SIGN	B	
P67	1	20	RCBO	2.5	FUNCTION	FLOOR BOX	C	
P68	1	20	RCBO	2.5	FUNCTION	FLOOR BOX	C	
P69	3	50		4C 70	LOST WORLD	DB-LW	D	
L1	1	20	RCBO	2.5	BOH	LIGHTS	A	
L2	1	20	RCBO	2.5	FUNCTION ROOM	LIGHTS	A	
L3	1	20	RCBO	2.5	AMENITY	LIGHTS	A	
L4	1	20	RCBO	2.5	BAR	LIGHTS	A	
L5	1	20	RCBO	2.5	FUNCTION ROOM	LIGHTS	A	
L6	1	20	RCBO	2.5	KITCHEN EXTERNAL	LIGHTS	A	
L7	1	20	RCBO	2.5	EXTERNAL AMENITY	LIGHTS	A	
L8	1	20	RCBO	2.5	EXTERNAL	LIGHTS	A	
L9	1	20	RCBO	2.5	FUNCTION ROOM	LIGHTS	A	