ELECTRICAL DESIGN GROUP



ELECTRICAL BUILDING SERVICES CONSULTANTS
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LIFT SUMP ALARM

EXTERNAL

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C3234a - 185 SAMFORD ROAD, ENOGGERA DISTRIBUTION BOARD DB-B (GROUND SOUTH)

C3234a-0006(1).xls

							RE
		FAULT CURRENT:	6KA USING CASCADING 84 POLE POWER 24 POLE LIGHTING		MAIN SWITCH:	250A NON AUTO LOAD BREAK	Α
		CHASSIS SIZE:			SUPPLIED FROM:	MSB	Α
		CHASSIS RATING:	250A	SUPPLY CABLE: 1C70AL			1
		PHASES:	3				Α
DB WI DB WI PER J	TH AN AS TH SURG 9D3 OF TI	DB WITH A FULL WIDTH EM 2293 EMERGENCY LIGHTI E PROTECTION. PROVII HE NCC BCA 2022 THAT C YSED AND REVIEWED	NG CONTROL SYSTEM DE AN ENERGY MONITO	TO CONTROL THE ASS PRING SYSTEM OF THE	SOCIATED EMERGENCY L ELIGHTING CHASSIS AND	IGHTS. PROVIDE THE POWER CHASSIS AS	А
CIBC	PH	CIRCUIT BREAKER (amps)	CONTROL	CABLE	LOCATION	CIRCUIT	
CIRC			EQUIPMENT	SIZE (mm²)	LOCATION	USE	
P1	1	20	RCBO	2.5	LEVEL 0	CLEANING MAINT	Α
P2	1	20	RCBO	2.5		TV	Α
P3	1	20	RCBO	2.5		CLEANING MAINT	Α
P4	3	20	RCBO	2.5	LEVEL 0	STORM WATER PUMP	Α
P5	1	20	RCBO	2.5	LEVEL 0	IRRIGATION CONTROL	Α
P6	1	20	RCBO	2.5	LEVEL 0	IRRIGATION PUMP	Α
P7	1	20	RCBO	2.5	LEVEL 1	MAINTENANCE	Α
P8	1	20	RCBO	2.5	LEVEL 1	MIST PUMP	Α
P9	1	20	RCBO	2.5	LEVEL 1	MIST PUMP	Α
P10	1	20	RCBO	2.5	LEVEL 1	JACKING PUMP	Α
P11	1	20	RCBO	2.5	LEVEL 1	JACKING PUMP	Α
P12	3	20	RCBO	2.5	LEVEL 1	RSD	А
P13	1	20	RCBO	2.5	LEVEL 2	MAINTENANCE	A
P14	1	20	RCBO	2.5	LEVEL 1	CLEANING	Α.
P15	1	20	RCBO	2.5	LEVEL 1	TASTING	A
P16	1	20	RCBO	2.5	LEVEL 1	DINING	A
P17	1	20	RCBO	2.5	LEVEL 1	TV	A
P18		20	RCBO	2.5	LEVEL 1	AMENITY	Α.
	1	20	RCBO	2.5	LEVEL 1	HD	_
P19							A
P20	1	20	RCBO	2.5	LEVEL 1	HD	F
P21	1	20	RCBO	2.5	LEVEL 1	STAFF GPO	1
P22	1	20	RCBO	2.5	LEVEL 1	HD	F
P23	1	20	RCBO	2.5	LEVEL 1	STAFF APPLIANCES	A
P24	1	20	RCBO	2.5	LEVEL 1	LAUNDRY	F
P25	1	20	RCBO	2.5	LEVEL 1	LAUNDRY	/
P26	1	20	RCBO	2.5	LEVEL 1	OFFICE	1
P27	1	20	RCBO	2.5	LEVEL 1	SECURITY	,
P28	1	20	RCBO	2.5	LEVEL 1	RACK A	,
29	1	20	RCBO	2.5	LEVEL 1	RACK A	,
230	1	20	RCBO	2.5	LEVEL 1	RACK B	,
231	1	20	RCBO	2.5	LEVEL 1	RACK B	,
P32	1	20	RCBO	2.5	LEVEL 1	RACK C	,
P33	1	20	RCBO	2.5	LEVEL 1	RACK C	,
P34	1	20	RCBO	2.5	LEVEL 1	RACK D	- 1
235	1	20	RCBO	2.5	LEVEL 1	RACK D	- 1
236	1	20	RCBO	2.5	BAR	BAR GPO	-
237	1	20	RCBO	2.5	BAR	BAR GPO	-
238	1	20	RCBO	2.5	BAR	REF	,
239	1	20	RCBO	2.5	WARMING	DW	,
P40	1	20	RCBO	2.5	WARMING	DW	,
P41	1	20	RCBO	2.5	BAR	15A GPO	
242	1	20	RCBO	2.5	WARMING	15A GPO	,
P43	1	20	RCBO	2.5	WARMING	HEATER	-
	1	20	RCBO	2.5	WARMING	HEATER	,
			NODO	۷.٠	VVAINIVIING	HEATEN	
					CARDEN BOOM		
P44 P45 P46	1	20	RCBO RCBO	2.5 2.5	GARDEN ROOM	PROJECTOR	,

RCBO



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C3234a - 185 SAMFORD ROAD, ENOGGERA **DISTRIBUTION BOARD DB-B (GROUND SOUTH)**

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REVISION 1 - 09 MAY 2025												
							REV					
		FAULT CURRENT:	6KA USING CASCADING		MAIN SWITCH:	250A NON AUTO LOAD BREAK	Α					
		CHASSIS SIZE:	84 POLE POWER 24 POLE LIGHTING		SUPPLIED FROM:	MSB	Α					
CHASSIS RATING: 250A SUPPLY CABLE: 1							1					
		PHASES:	3				Α					
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. PROVIDE AN ENERGY MONITORING SYSTEM OF THE LIGHTING CHASSIS AND POWER CHASSIS AS PER J9D3 OF THE NCC BCA 2022 THAT COLLATES THE TIME-OF-USE ENERGY DATA TO A SINGLE INTERFACE WHERE IT CAN BE STORED, ANALYSED AND REVIEWED												
	PH	CIRCUIT	CONTROL	CABLE	LOCATION	CIRCUIT						
CIRC		BREAKER (amps)	EQUIPMENT	SIZE (mm ²)		USE						
				, ,								
L1	1	20	RCBO	2.5	STAIR	LIGHTS	Α					
L2	1	20	RCBO	2.5	STAIR	LIGHTS	Α					
L3	1	20	RCBO	2.5	LOADING	LIGHTS	Α					
L4	1	20	RCBO	2.5	KITCHEN	LIGHTS	Α					
L5	1	20	RCBO	2.5	STAIR / FOYER	LIGHTS	Α					
L6	1	20	RCBO	2.5	STAIR / FOYER	LIGHTS	Α					
L7	1	20	RCBO	2.5	LEVEL 1	LIGHTS	Α					
L8	1	20	RCBO	2.5	LEVEL 1	LIGHTS	Α					
L9	1	20	RCBO	2.5	LEVEL 1	LIGHTS	Α					
L10	1	20	RCBO	2.5	LEVEL 1	LIGHTS	Α					
L11	1	20	RCBO	2.5	LEVEL 1	LIGHTS	A					
L12	1	20	RCBO	2.5	LEVEL 1	LIGHTS	A					
L13	1	20	RCBO	2.5	LEVEL 1	LIGHTS	A					
L14	1	20 20	RCBO RCBO	2.5	LEVEL 1	LIGHTS	A					
L15 L16	1	20	RCBO RCBO	2.5 2.5	LEVEL 1 LEVEL 1	LIGHTS LIGHTS	A					
L17	1	20	RCBO	2.5	LEVEL 1	LIGHTS	A					
L17	1	20	RCBO	2.5	LEVEL 1	LIGHTS	A					
L19	1	20	RCBO	2.5	LEVEL 1	LIGHTS	A					
L20	1	20	RCBO	2.5	LEVEL 1	LIGHTS	A					
L20	1	20	RCBO	2.5	LEVEL 1	LIGHTS	A					
L22	1	20	RCBO	2.5	LEVEL 1	LIGHTS	A					
L23	1	20	RCBO	2.5	LEVEL 1	LIGHTS	A					
L24	1	20	RCBO	2.5	LOADING	LIGHTS	A					
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							1					