



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3112a - CURRUMBIN WILDLIFE SANCTUARY - SITE MSB

C3112a-0004(B).xls

DISTRIBUTION BOARD DB-A

REVISION B - 18 JANUARY 2024

							REV	
FAULT CURRENT:		6kA	MAIN SWITCH:		250A LOAD BREAK NON AUTO		A	
CHASSIS SIZE:		60 POLES	CABLE		4C70		A	
CHASSIS RATING:		250A						A
PHASES:		A						A
PROVIDE THE DB WITH 2 X 600 WIDE EMPTY DIN RAILS TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROL EQUIPMENT PROVIDED AS PART OF THE INITIAL WORKS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS.							A	
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE		
P1	1	20	RCBO	2.5	GENERATOR	BATTERY CHARGER	A	
P2	1	20	RCBO	2.5	PLANT	MAINTENANCE GPO	A	
P3	1	20	RCBO	2.5	PLANT	SUMP PUMP	A	
P4							B	
P5	1	20	RCBO	2.5	ROOF	EXHAUST FAN	A	
P6	3	63		16.0	EXTERNAL	DB-RT	A	
P7	1	20	RCBO	2.5	EXTERNAL	MAINTENANCE GPO	A	
L1	1	20	RCBO	2.5	PLANT	LIGHTS	A	