



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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**C3031a - CURRUMBIN WILDLIFE SANCTUARY - AUSTRALIANA PRECINCT**

**C3031a-0007(C).xls**

**DISTRIBUTION BOARD DB-B (TRACTOR RIDE)**

**REVISION C - 07 NOVEMBER 2023**

FAULT CURRENT: 6KA CHASSIS SIZE: 60 CHASSIS RATING: 250A PHASES: 3							MAIN SWITCH: 250A NON AUTO LOAD BREAK SUPPLIED FROM: MSB SUPPLY CABLE: 4C35	<b>REV</b> A A C A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROLS PROVIDED AS PART OF THE INITIAL WORKS. PROVIDE DB-C AS IP65 LIGHT GRAY ENCLOSURE WHITE ESCUTCHEON 316 STAINLESS STEEL OR ALUMINIUM ENCLOSURE AND ESCUTCHEON. PROVIDE THE DB WITH SURGE PROTECTION. THE TOP OF DB-B IS TO BE SEALED (NO GLANDPLATES) WITH ALL CABLE ACCESS FROM BELOW.								A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE		
P1	1	20	RCBO	2.5	EXTERNAL	GPOs	A	
P2	3	63		4C 35	PETTING FARM	DB-C	A	
P3							C	
P4	1	20	RCBO	2.5	EXTERNAL	RAIN WATER PUMP	B	
L1	1	20	RCBO	2.5	TRACTOR RIDE	LIGHTS	A	