



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375

Website: www.edg.net.au Email: brisbane@edg.net.au

C3031a - CURRUMBIN WILDLIFE SANCTUARY - AUSTRALIANA PRECINCT

C3031a-0008(B).xls

DISTRIBUTION BOARD DB-C (PETTING FARM)

REVISION B - 11 AUGUST 2023

FAULT CURRENT: 6KA CHASSIS SIZE: 48 POLE CHASSIS RATING: 250A PHASES: 3							MAIN SWITCH: 100A NON AUTO LOAD BREAK SUPPLIED FROM: DB-B SUPPLY CABLE: 4C35	REV A A A 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-C IS TO BE SEALED (NO GLANDPLATES) WITH ALL CABLE ACCESS FROM BELOW.								A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE		
P1	1	20	RCBO	2.5	EXTERNAL	GPO	A	
P2	1	20	RCBO	2.5	BOH	GPO	A	
P3	1	20	RCBO	2.5	KITCHENETTE	GPO	A	
P4	1	20	RCBO	2.5	KITCHENETTE	BELOW BENCH	A	
P5	3	32	RCBO	6.0	EXTERNAL	SEWER PUMP	B	
P6	1	20	RCBO	2.5	EXTERNAL	RAIN WATER PUMP	B	
P7	1	20	RCBO	2.5	EXTERNAL	RAIN WATER PUMP	B	
L1	1	20	RCBO	2.5	PETTING FARM	LIGHTS	A	
L2	1	20	RCBO	2.5	PETTING FARM	FANS	B	