



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375 Fax: (07) 3716 0222

Web Site: www.edg.net.au Email: brisbane@edg.net.au

C2803a - RYAN CATHOLIC COLLEGE - TECHNOLOGY CENTRE

C2803a-0006(B).xls

DISTRIBUTION BOARD DB-B

REVISION B - 19 SEPTEMBER 2022

							REV	
FAULT CURRENT:		6kA UTILISING CASCADING			MAIN SWITCH:		160A NON AUTO LOAD BREAK SWITCH	A
CHASSIS SIZE:		2 X 60 POLES			SUPPLIED FROM:		DB-18	B
CHASSIS RATING:		250A			SUPPLY CABLE:		1C 50	A
PHASES:		3						A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE INITIAL CONTROL EQUIPMENT. PROVIDE THE DB WITH SURGE PROTECTION. CONTROL OF THE DB-C CIRCUITS FROM ESO 4, ESO 5 AND ESO 6. PROVIDE A SHOP DRAWING FOR APPROVAL.							B	
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	A	
P1	3	32	RCBO	6.0	MATERIALS	GUILLOTINE	B	
P2	3	25	RCBO	4.0	MATERIALS	PAN BREAK	B	
P3	3	20	RCBO	2.5	MATERIALS	WELDING EXHAUST	B	
P4	1	32	RCBO	6.0	MATERIALS	PLASMA CUTTER	B	
P5	1	20	RCBO	2.5	MATERIALS	COMPUTER	B	
P6	1	20	RCBO	2.5	MATERIALS	PRESS	B	
P7	1	20	RCBO	2.5	MATERIALS	LINISHER	B	
P8	1	20	RCBO	2.5	MATERIALS	WELDER	B	
P9	1	20	RCBO	2.5	MATERIALS	WELDER	B	
P10	1	20	RCBO	2.5	MATERIALS	WELDER	B	
P11	1	20	RCBO	2.5	MATERIALS	GRINDER	B	
P12	1	20	RCBO	2.5	MATERIALS	WELDER	B	
P13	1	20	RCBO	2.5	MATERIALS	WELDER	B	
P14	1	20	RCBO	2.5	MATERIALS	WELDER	B	
P15	1	20	RCBO	2.5	MATERIALS	GRINDER	B	
P16	1	20	RCBO	2.5	MATERIALS	DESK	B	
P17	1	20	RCBO	2.5	MATERIALS	TV	B	
P18	1	20	RCBO	2.5	MATERIALS	GPOs	B	
P19	1	20	RCBO	2.5	MATERIALS	CHARGER	B	
P20	3	20	RCBO	2.5	MATERIALS	LATHE	B	
P21	3	20	RCBO	2.5	MATERIALS	LATHE	B	
P22	3	20	RCBO	2.5	MATERIALS	LATHE	B	
P23	1	20	RCBO	2.5	MATERIALS	MILL DRILL	B	
P24	1	20	RCBO	2.5	MATERIALS	MILL DRILL	B	
P25	1	20	RCBO	2.5	MATERIALS	MILL DRILL	B	
P26	1	20	RCBO	2.5	MATERIALS	MILL DRILL	B	
P27	1	20	RCBO	2.5	MATERIALS	LINISHER	B	
P28	3	20	RCBO	2.5	MATERIALS	LATHE	B	
P29	3	20	RCBO	2.5	MATERIALS	CNC	B	
P30	3	20	RCBO	2.5	MATERIALS	CURVER	B	
P31	3	20	RCBO	2.5	MATERIALS	SPRAY BOOTH	B	
P32	1	20	RCBO	2.5	MATERIALS	COLD SAW	B	
P33	1	20	RCBO	2.5	MATERIALS	GPOs	B	
P34	1	20	RCBO	2.5	STORE	GPOs	B	
							A	
							A	
							A	
							A	
							A	
							A	
							A	
							A	