ELECTRICAL DESIGN GROUP
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C2803a - RYAN CATHOLIC COLLEGE - TECHNOLOGY CENTRE **C2803a-0007(B).xls**

DISTRIBUTION BOARD DB-C

REVISION B - 19 SEPTEMBER 2022

				REV
FAULT CURRENT:	6kA UTILISING CASCADING	MAIN SWITCH:	160A NON AUTO LOAD BREAK SWITCH	A
CHASSIS SIZE:	48 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-B CIRCUITS FROM ESO 1, ESO 2 AND ESO 3. PROVIDE A SHOP DRAWING FOR APPROVAL. B

CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm^2)	LOCATION	CIRCUIT USE	A / A
P1	1	20	RCBO	2.5	STORE	GPOs	B
P2	1	20	RCBO	2.5	CONSTRUCTION	GPOs	B
P3	1	20	RCBO	2.5	CONSTRUCTION	CHARGER	B
P4	1	20	RCBO	2.5	CONSTRUCTION	BUFFER	B
P5	1	20	RCBO	2.5	CONSTRUCTION	DRILL PRESS	B
P6	1	20	RCBO	2.5	CONSTRUCTION	DRILL PRESS	B
P7	1	20	RCBO	2.5	CONSTRUCTION	GPOs	B
P8	3	20	RCBO	2.5	CONSTRUCTION	DROP SAW	B
P9	1	20	RCBO	2.5	CONSTRUCTION	GPOs	B
P10	1	20	RCBO	2.5	CONSTRUCTION	GPOs	B
P11	3	20	RCBO	2.5	CONSTRUCTION	DROP SAW	B
P12	3	20	RCBO	2.5	CONSTRUCTION	PANEL SAW	B
P13	1	20	RCBO	2.5	CONSTRUCTION	THICKNESSER	B
P14	1	20	RCBO	2.5	CONSTRUCTION	DRUM SANDER	B
P15	1	20	RCBO	2.5	CONSTRUCTION	LATHE	B
P16	1	20	RCBO	2.5	CONSTRUCTION	SPINDLE MOULDER	B
P17	1	20	RCBO	2.5	CONSTRUCTION	CHISEL MORTICER	B
P18	1	20	RCBO	2.5	CONSTRUCTION	BAND SAW	B
P19	1	20	RCBO	2.5	CONSTRUCTION	BELT SANDER	B
P20	1	20	RCBO	2.5	CONSTRUCTION	BELT SANDER	B
P21	1	20	RCBO	2.5	CONSTRUCTION	BOBBIN SANDER	B
P22	1	20	RCBO	2.5	CONSTRUCTION	BOBBIN SANDER	B
P23	1	20	RCBO	2.5	CONSTRUCTION	TV	B
P24	1	20	RCBO	2.5	CONSTRUCTION	DESK	B
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