



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3378a - ST JOHNS ANGLICAN COLLEGE, FOREST LAKE - AMENITIES BLOCK

C3378a-0004(A).xls

DISTRIBUTION BOARD DB-A (GROUND NORTH)

REVISION A - 13 NOVEMBER 2024

							REV	
FAULT CURRENT:		6KA	MAIN SWITCH:		100A NON AUTO LOAD BREAK		A	
CHASSIS SIZE:		36 POLE	SUPPLIED FROM:		DB-D		A	
CHASSIS RATING:		250A	SUPPLY CABLE:		4C16		A	
PHASES:		A						A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROLS IT PROVIDED AS PART OF THE INITIAL FITOUT. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. THE TOP OF THE DB IS TO BE WELDED CLOSED AND ALL CABLE ACCESS IS TO BE VIA THE BOTTOM OF THE SWITCHBOARD. THE CUBICAL MUST BE AT LEAST 700MM WIDE. REFER TO THE NOTES FOR ADDITIONAL REQUIREMENTS.							A	
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE		
P1	1	20	RCBO	2.5	ENTRY	HAND DRYER	A	
P2	1	20	RCBO	2.5	FEMALE	HAND DRYER	A	
P3	1	20	RCBO	2.5	FEMALE	HAND DRYER	A	
P4	1	20	RCBO	2.5	MALE	HAND DRYER	A	
P5	1	20	RCBO	2.5	MALE	HAND DRYER	A	
P6	3	20	RCBO TC ON 6.00AM OFF 10.00PM	2.5	ROOF	FEMALE FAN	A	
P7	3	20	RCBO TC ON 6.00AM OFF 10.00PM	2.5	ROOF	MALE FAN	A	
P8	1	20	RCBO	2.5	AMENITY	GPOs	A	
L1	1	20	RCBO	2.5	UNISEX AMBULANT	LIGHTS	A	
L2	1	20	RCBO	2.5	FEMALE	LIGHTS	A	
L3	1	20	RCBO	2.5	MALE	LIGHTS	A	