



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3051a - ASPLEY LEAGUES CLUB - RUGBY AMENITIES

C3051a-0004(A).xls

DISTRIBUTION BOARD DB-A

REVISION A - 24 JULY 2023

							REV	
FAULT CURRENT:		6KA	MAIN SWITCH:		250A NON AUTO LOAD BREAK		A	
CHASSIS SIZE:		60 POLES	SUPPLIED FROM:		MSB		A	
CHASSIS RATING:		250A	SUPPLY CABLE:		1C 95		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. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. PROVIDE A SHOP DRAWING OF THE DISTRIBUTION BOARD FOR APPROVAL.							A	
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE		
P1	1	20	RCBO	2.5	PLATFORM	GPOs	A	
P2	1	20	RCBO	2.5	PLANT	CR-A	A	
P3	1	20	RCBO	2.5	PLANT	GPOs	A	
P4	1	20	RCBO	2.5	FIRST AID	GPOs	A	
P5	1	20	RCBO	2.5	SOUTH AMENITY	GPOs	A	
P6	1	20	RCBO	2.5	SOUTH AMENITY	HAND DRYER	A	
P7	1	20	RCBO	2.5	NORTH AMENITY	GPOs	A	
P8	1	20	RCBO	2.5	NORTH AMENITY	HAND DRYER	A	
P9	1	40	RCBO	6.0	FIRST AID	HWS	A	
P10	1	20	RCBO	2.5	AMENITY	GPOs	A	
P11	1	20	RCBO	2.5	AMENITY	HAND DRYER	A	
P12	3	20	RCBO	2.5	SOUTH EXTERNAL	3 X 4.8KW HWS	A	
P13	3	20	RCBO	2.5	SOUTH EXTERNAL	3 X 4.8KW HWS	A	
P14	3	20	RCBO	2.5	NORTH EXTERNAL	3 X 4.8KW HWS	A	
P15	3	20	RCBO	2.5	NORTH EXTERNAL	3 X 4.8KW HWS	A	
L1	1	20	RCBO	2.5	AMENITY	1200 BATTEN LIGHTS	A	
L2	1	20	RCBO	2.5	CENTRAL ROOMS	LIGHTS	A	
L3	1	20	RCBO	2.5	SOUTHERN SIDE	LIGHTS	A	
L4	1	20	RCBO	2.5	NORTHERN SIDE	LIGHTS	A	