



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3657a - BROTHERS RUGBY CLUB - REDEVELOPMENT

C3657a-0005(A).xls

DISTRIBUTION BOARD DB-A LIGHTING

REVISION A - 07 AUGUST 2026

							REV
FAULT CURRENT: 6kA							A
CHASSIS SIZE: 48 POLES							A
CHASSIS RATING: 250A							A
PHASES: A							A
PROVIDE THE DB WITH TWO 600 WIDE EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROLS PROVIDED AS PART OF THE INITIAL WORKS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
L1	1	20	RCBO	2.5		SECURITY	A
L2	1	20	RCBO TC ON / OFF	2.5	GROUND	CIRCULATION	A
L3	1	20	RCBO	2.5	GROUND	AMENITY	A
L4	1	20	RCBO	2.5	GROUND	AMENITY	A
L5	1	20	RCBO	2.5	GROUND	GYM	A
L6	1	20	RCBO TC ON / OFF	2.5	LEVEL 1	CIRCULATION	A
L7	1	20	RCBO TC ON / OFF PE CELL OVER RIDE	2.5	LEVEL 1	CIRCULATION	A
L8	1	20	RCBO TC ON / OFF	2.5	LEVEL 1	TERRACE	A
L9	1	20	RCBO	2.5	LEVEL 1	MECH STORE	A
L10	1	20	RCBO	2.5	LEVEL 1	AMENITY	A
L11	1	20	RCBO	2.5	LEVEL 1	OFFICE	A
L12	1	20	RCBO	2.5	LEVEL 1	AMENITY	A
L13	1	20	RCBO	2.5	LEVEL 1	CHANGE ROOM	A
L14	1	20	RCBO	2.5	LEVEL 1	CHANGE ROOM	A
L15	1	20	RCBO	2.5	LEVEL 1	CLUB	A
L16	1	20	RCBO	2.5	LEVEL 2	CIRCULATION	A
L17	1	20	RCBO	2.5	LEVEL 2	COACHES	A
L18	3	40	MCB	10.0	FIELD	FL1	A
L19	3	40	MCB	10.0	FIELD	FL2	A
L20	1	20	RCBO	2.5	LEVEL 1	BAR	A