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C3247a - ACGS - YEAR 7 BOARDING **C3247a-0005(B).xls**

DISTRIBUTION BOARD DB-A (GERALD)

REVISION B - 25 JULY 2024

			REV
FAULT CURRENT:	6kA	MAIN SWITCH: 2500A NON AUTO LOAD BREAK	A
CHASSIS SIZE:	48 POLES		A
CHASSIS RATING:	250A	ALL SWITCHGEAR IS TO BE SCHNEIDER TO MATCH THE EXISTING SWITCHGEAR USED ACROSS THE SITE	A
PHASES:	3		A

PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. ALLOW TO RECONNECT ALL EXISTING CIRCUITS THAT REMAIN WITH NEW SWITCHGEAR AND CONTROLS WITH RCD PROTECTION TO AS3000 THE DOOR IS TO BE LOCKABLE WITH CHROME PLATED BRASS LIFT OFF HINGES THE ESCUTCHEON IS TO BE GLOSS WHITE AND SECURED WITH 1/4 TURN LATCHES ON ONE SIDE AND CHROME PLATED BRASS LIFT OF HINGES ON THE OTHER EXTERNAL COLOUR LIGHT GREY PROVIDE A SHOP DRAWING FOR APPROVAL. — B

CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm2)	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	GROUND	CHARGING	A
P2	1	20	RCBO	2.5	GROUND	CHARGING	A
P3	1	20	RCBO	2.5	GROUND	GPO	A
P4	1	20	RCBO	2.5	GROUND	TV SIGN IN	A
P5	1	20	RCBO	2.5	GROUND	AUTO BOILER	A
P6	1	20	RCBO	2.5	GROUND	KITCHEN	A
P7	1	20	RCBO	2.5	GROUND	REF	A
P8	1	20	RCBO	2.5	UPPER LEVEL	GPO	A
P9	1	20	RCBO	2.5	UPPER LEVEL	POD 1-4	A
P10	1	20	RCBO	2.5	UPPER LEVEL	PODS 5-9	A
P11	1	20	RCBO	2.5	GROUND	PUMP	A
P12	1	20	RCBO	2.5	GERALD	TOILET EXHAUST	A
P13	1	20	RCBO	2.5	GROUND	SECURITY	A
P14	3	40		6.0	EXTERNAL	AC	A
P15	1	20	RCBO	2.5	EXTERNAL	HWS	A
L1	1	20	RCBO	2.5	GROUND	LIGHTING	A
L2	1	20	RCD	2.5	GROUND	LIGHTING	A
L3	1	20	RCD	2.5	UPPER LEVEL	LIGHTING	A
L4	1	20	RCD	2.5	UPPER LEVEL	LIGHTING	A
L5	1	20	RCD	2.5	UPPER LEVEL	LIGHTING	A

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