



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375 Fax: (07) 3716 0222

Web Site: www.edg.net.au Email: brisbane@edg.net.au

**C3247a - ACGS - YEAR 7 BOARDING**  
**DISTRIBUTION BOARD DB-AN (DONNALDSON)**  
**REVISION A - 06 JUNE 2024**

C3247a-0004(A).xls

							REV
REMOVE ALL EXISTIGN REDUNDANT SWITCHGEAR FROM THE EXISTING DISTRIBUTION BOARD DB-AN AND PROVIDE ALL NEW SWITCHGEAR TO ACCOMMODATE THE FOLLOWING CUIRCUIITS. UPDATE THE SCHEULE AT PRACTICAL COMPLETION.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm2 )	LOCATION	CIRCUIT USE	A
P1	1	20	RCBO	2.5	GROUND	GPO	A
P2	1	20	RCBO	2.5	GROUND	OFFICE	A
P3	1	20	RCBO	2.5	GROUND	CHARGING	A
P4	1	20	RCBO	2.5	GROUND	CHARGING	A
P5	1	20	RCBO	2.5	GROUND	TV	A
P6	1	20	RCBO	2.5	GROUND	AUTO BOILER	A
P7	1	20	RCBO	2.5	GROUND	KITCHEN	A
P8	1	20	RCBO	2.5	GROUND	REF	A
P9	1	20	RCBO	2.5	UPPER LEVEL	GPO	A
P10	1	20	RCBO	2.5	UPPER LEVEL	PODS 1-5	A
P11	1	20	RCBO	2.5	UPPER LEVEL	PODS 6-9	A
P12	1	20	RCBO	2.5	UPPER LEVEL	PODS 10-16	A
P13	1	20	RCBO	2.5	DONALDSON	EXHAUST FANS	A
P14	3	50		10.0	EXTERNAL	AC	A
P15	1	20	RCBO	2.5	EXTERNAL	AC	A
							A
							A
							A
							A
							A
							A
							A
							A
							A
L1	1	20	RCBO	2.5	GROUND	LIGHTING	A
L2	1	20	RCBO	2.5	STAIR	LIGHTING	A
L3	1	20	RCBO	2.5	GROUND	LIGHTING	A
L4	1	20	RCBO	2.5	UPPER LEVEL	LIGHTING	A
L5	1	20	RCBO	2.5	UPPER LEVEL	LIGHTING	A
L6	1	20	RCBO	2.5	UPPER LEVEL	LIGHTING	A
							A
							A
							A