



ELECTRICAL DESIGN GROUP

ELECTRICAL COMMUNICATIONS FIRE SYSTEMS DESIGNERS

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C0616a - ACGS - AQUATIC CENTRE

C0616a-0008(E).xls

DISTRIBUTION BOARD DB-A (INTEGRAL TO AC MSB)

REVISION E - 01 JUNE 2010

FAULT CURRENT: 6kA CHASSIS SIZE: 60 POLES CHASSIS RATING: 250A PHASES: 3							MAINSWITCH: INTEGRAL TO THE AC MSB	REV
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm2)	LOCATION	CIRCUIT USE		
P1	1	20	RCD	2.5	AMENITY	GPOs	A	
P2	1	20	RCD	2.5		GPOs	A	
P3	1	20	RCD	2.5	OFFICE	AUTO BOILER	A	
P4	1	20	RCD	2.5	OFFICE	COMMS RACK CR-AC	A	
P5	1	20	RCD	2.5		GPOs	A	
P6	1	20	RCD	2.5	AMENITY	PUMP	A	
P7	1	20	RCD	2.5	OFFICE	AC	A	
P8	1	20	RCD	2.5	AMENITY	BAR B QUE	D	
P9	1	20	RCD	2.5	AMENITY	BAR B QUE	D	
P10	1	20	RCD	2.5	AMENITY	HAND DRYER	D	
P11	1	20	RCD	2.5	AMENITY	HAND DRYER	D	
P12	1	20	RCD	2.5	OFFICE	AUDIO RACK	E	
L1	1	20	RCD SP	2.5	AMENITY	LIGHTS	B	
L2	1	20	RCD	2.5	PLANT OFFICE	LIGHTS	B	
L3	1	20	RCD C1	2.5	EXTERNAL	LIGHTS	B	
L4	1	20	RCD C2	4.0	50M POOL	FLOOD LIGHTS	B	
L5	1	20	RCD C2	4.0	50M POOL	FLOOD LIGHTS	B	
L6	1	20	RCD C2	4.0	50M POOL	FLOOD LIGHTS	B	
L7	1	20	RCD C2	4.0	50M POOL	FLOOD LIGHTS	B	
L8	1	20	RCD C2	4.0	50M POOL	FLOOD LIGHTS	B	
L9	1	20	RCD C2	4.0	50M POOL	FLOOD LIGHTS	B	
L10	1	20	RCD C3	4.0	25M POOL	FLOOD LIGHTS	B	
L11	1	20	RCD C3	4.0	25M POOL	FLOOD LIGHTS	B	
L12	1	20	RCD C3	4.0	25M POOL	FLOOD LIGHTS	B	
L13	1	20	RCD C3	4.0	25M POOL	FLOOD LIGHTS	B	
L14	1	20	RCD C4	4.0	CARPARK	FLOOD LIGHTS	B	
L15	1	20	RCD C5	2.5	LEARN TO SWIM	POOL LIGHTS	C	