

SEEB BUILDING INTAKE (Outside South Wall)			
Id:INTAKE ZDB:? PFC:? Phase:RYB			
1	R	80/100A	3 Phase, PFC = ?(Assume ?) to DR1 R Feed to DR1
2	Y	80/100A	3 Phase, PFC = ?(Assume ?) to DR1 Y Feed to DR1
3	B	80/100A	3 Phase, PFC = ?(Assume ?) to DR1 B Feed to DR1
4	N		PEN, Ze = ? (Assume 0.35 ohms) to DR1 N Feed to DR1
5	E		TN-C-S Earth via main PEN (combined Neutral & Earth) to DR1 E Feed to DR1 via cable scn

Fuses= BS1361

Id:	ZDB:	PFC:	Phase	Size
INTAKE	?	?	RYB	

DIMMER ROOM MAIN DISTRIBUTION BOARD -- (SEEB INTAKE)			
Id:DR1 ZDB:? PFC:? Phase:RYB			
1	R	63A	Air Handling (plant Room) Dist Board PL1 Feed to PL1
2	Y	63A	Air Handling (plant Room) Dist Board PL1 Feed to PL1
3	B	63A	Air Handling (plant Room) Dist Board PL1 Feed to PL1
4	R	50A	Boiler Room Distribution Board BR1 Feed to BR1
5	Y	50A	Boiler Room Distribution Board BR1 Feed to BR1
6	B	50A	Boiler Room Distribution Board BR1 Feed to BR1
7	R	63A	Stage Lighting Dimmer Racks
8	Y	63A	Stage Lighting Dimmer Racks
9	B	63A	Stage Lighting Dimmer Racks
10	R	20A	Control Room - Sockets, Sound & Lighting power No RCD for Performance
11	Y	10A	SPARE
12	B	16A	Stable Bar Ventilation Fan
13	R	63A	Front of House Prop Room Distribution Board PR1 Feed to PR1
14	Y	50A	Kitchen Distribution Board KT1 Feed to KT1
15	B	16A	Secondary maintained lights feeder to battery charger unit
16	R	50A	Dimmer Room Distribution Board DR2 Feed to DR2
17	Y	6A	SPARE
18	B	6A	Primary Emergency Lighting
19	R	16A	Roller shutter (between Stage & Workshop)
20	Y	16A	Roller shutter (between Stage & Workshop)
21	B	16A	Roller shutter (between Stage & Workshop)
22	R	32A	House Lighting Dimmer Rack
23	Y		SPARE
24	B	10A	Fire Alarm Panel

No. of circuits = 13

DR1	?	?	RYB	17x17cm
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DIMMER ROOM 2nd DISTRIBUTION BOARD			
Id:DR2 ZDB:? PFC:? Phase:R			
1	R	10A	Dimmer Room & U/S dressing room lights Type 2
2	R	10A	Stage Fluorescent (Row 2 only) & D/S dressing room lights Type 2
3	R	6A	Stage Manager House Lights override switch
4	R	32A	Stable Bar ring main
5	R	32A	SPARE No RCD? (is this also PR1-9?)
6	R	32A	SPARE
7		30mA	RCD to 6
8	R	32A	Dressing rooms ring main
9		30mA	RCD to 8
10	R	20A	Understairs cupboard spur
11	R	32A	Stage sockets & Auditorium working light sockets & auditorium front row heater + Stage Fluorescent (Row 1/3/4 only)
12		30mA	RCD to 11

No. of circuits = 7 All MCBs Type C M9 except 1 & 2

DR2	?	?	R	22x7cm
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KITCHEN DISTRIBUTION BOARD			
Id:KT1 ZDB:? PFC:? Phase:Y			
1	Y	32A	Workshop Sockets Ring RCD?
2	Y	32A	Rehearsal Room, Cloakroom, Freezer Ring
3		30mA	RCD to 2 (MCB/RCB)
4	Y	16A	Wardrobe Sockets Ring which wardrobe? RCD?
5	Y	32A	Oven in Kitchen
6	Y	32A	Kitchen Ring Main
7		30mA	RCD to 6 (MCB/RCB)
8	Y	32A	????????? What is this?
9	Y		SPARE
10	Y	16A	Toilet Water Heater which toilet?
11	Y	6A	Wardrobe and back stairs lighting
12	Y	10A	Jarrad Room, Kitchen, Bar Store & toilets lighting Assume backstage toilets
13	Y	10A	Rehearsal Room (Fluorescents + Downlights), Kitchen, Corridor & [cloakroom lighting + Theatre Sign (SELV, 2A fused spur)]
14	Y	6A	Plant room (A/H), workshop corridor lighting
15	Y	6A	Workshop lighting

No. of circuits = 11 All MCBs Type C M9

KT1	?	?	Y	26x8cm
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PLANT ROOM DISTRIBUTION BOARD				
Id:PL1 ZDB:? PFC:? Phase:RYB				
1	R	32A	Air Handling Room Fan	
2	Y	32A	Air Handling Room Fan	Plant Room
3	B	32A	Air Handling Room Fan	Plant Room
4	R	16A	Front of House H/W immersion Heater	Plant Room
5	Y		SPARE	
6	B		SPARE	
7	R		SPARE	
8	Y		SPARE	
9	B		SPARE	
10	R	10A	AHU socket outlet	
11	Y	6A	AHU Room lighting + Bothey floodlight	RCD?
12	B		SPARE	
13	R		SPARE	
14	Y		SPARE	
15	B		SPARE	
16	R		SPARE	
17	Y		SPARE	
18	B		SPARE	

PL1 ? ? RYB 15x18cm

No. of circuits = 4 All MCBs Type C M9

PROP ROOM MAIN DISTRIBUTION BOARD				
Id:PR1 ZDB:? PFC:? Phase:R				
1	R	16A	Heater over main entrance door	
2	R	6A	Lobby, Public toilets, Stairs & Prop Room lights	
3	R	6A	Under seats corridor lighting	
4	R	6A	Wardrobe & Control room lights	
5	R	6A	Foyer Heater fans	Which wardrobe?
6	R	6A	Foyer lights	
7	R	10A	Bar Area Lights	
8	R		SPARE	
9	R	20A	Bar, Lobby & Prop room ring main	
10	R	30mA	RCD to 9	Is this same as DR2-4?
11	R	32A	Control Room Aux sockets & sockets at rear of auditorium	
12	R	30mA	RCD to 11	

PR1 ? ? R 23x7cm

No. of circuits = 9 All MCBs Type C M9

BOILER ROOM DISTRIBUTION BOARD				
Id:BR1 ZDB:? PFC:? Phase:RYB				
1	R	6A	Boiler Controls, Boiler Room Light + Boiler circulator pump	
2	Y		SPARE	
3	B		SPARE	
4	R	20A	Kitchen H/W heater	
5	Y	20A	Kitchen H/W heater	
6	B	20A	Kitchen H/W heater	
7	R	10A	NOT IN USE	
8	Y	10A	NOT IN USE	Type 3
9	B	10A	NOT IN USE	Type 3
10	R	10A	Workshop Fans & Circulator	Type 3
11	Y	10A	Workshop Fans & Circulator	Type D
12	B	10A	Workshop Fans & Circulator	Type D

BR1 ? ? RYB 17x9cm

No. of circuits = 3 1,4/5/6 MCBs Type C M9