

VENUE CYMRU

LVC-CBL-SLAV-FPS-003

Tender

Llandudno, Wales, UK

Facilities Planning
Schedule
November 2025

STAGELIGHTING SYSTEM - MAIN THEATRE

FACILITIES PLANNING SCHEDULE

Ref	Location	Power									Notes	Box Coordination					
		6 x 10A 2.2kW dimmer/relay multi-pin female panel socket	Single 10A 2.2kW power PowerCon True1 TOP (parallel with Socapex connector in SLB)	Single 10A 2.2kW relay PowerCon True1 TOP panel socket	Single 16A 3.5kW CEE17 single-phase connector no RCD (RCBO at DB)	Stagelighting power Single 13A 2.9kW no RCD (RCBO at DB)	Stagelighting power 32A 7.3kW SPN with RCD	Single 16A 3.5kW CEE17 single-phase connector (parallel with 32a SPN Connector in SLB)	Worklight Dual 13A 2.9kW RCD	Worklight Single 10A 2.2kWpower PowerCon True1 TOP		Width	Height	Depth	Mouting height	Colour	Surface / Recessed / Flush / Integrated with structure
CABLE TYPE		6no. P10	N/A	P10	P16	P13	P32	N/A	P13	P10	See attached cable types key.	Box coordination information is included for guidance only. Final sizing and colour of each box, along with the coordination of the position and mounting of each box, is the responsibility of the specialist SL/AV subcontractor.					
CONNECTOR TYPE		SOC-FP	P/CON - TOP	P/CON - TOP	16A-FP	13A-FP	32A-FP-RCD	16A-FP	13A-RCD-FP twin	P/CON - TOP	See attached connector types key.						
CONTAINMENT GROUP		S/L 1									See attached containment groups key.						
Basement - Level L-01																	
SLB-B01	Orchestra Pit			4		2						350	350	150	800 AFFL	9005	Surface
Ground Floor - Level L0																	
SLB-001	Downstage Right	1	6			2	1			1		350	350	150	800 AFFL	9005	Surface
SLB-002	Upstage Right	1	6			2	1			1		350	350	150	800 AFFL	9005	Surface
SLB-003	Upstage Centre			4		2	1			1		350	350	150	800 AFFL	9005	Surface
SLB-004	Upstage Left	1	6			2	1			1		350	350	150	800 AFFL	9005	Surface
SLB-005	Downstage Left	1	6			2	1			1		350	350	150	800 AFFL	9005	Surface
SLB-011	Downstage Right								1			350	350	150	400 AFFL	9005	Flush
SLB-012	Midstage Right								1			350	350	150	400 AFFL	9005	Flush
SLB-013	Midstage Right								1			350	350	150	400 AFFL	9005	Flush
SLB-014	Upstage Right								1			350	350	150	400 AFFL	9005	Flush
SLB-015	Rear Stage Right								1			350	350	150	400 AFFL	9005	Surface
SLB-016	Rear Stage Left								1			350	350	150	400 AFFL	9005	Surface
SLB-020	Downstage Right Vom								1			350	350	150	800 AFFL	9005	Surface
SLB-021	Downstage Left Vom								1			350	350	150	800 AFFL	9005	Surface
SLB-022	Lower Stalls Position					2						350	350	150	0 AFFL	9005	Recessed
First Floor - Level L01																	
SLB-101	SR Stage Perch L1			4		1						400	550	150	400 AFFL	9005	Surface
SLB-102	SL Stage Perch L1			4		1						400	550	150	400 AFFL	9005	Surface
SLB-103	SR Pros Perch L1	1	6			1	1					400	550	150	400 AFFL	9005	Surface
SLB-104	SL Pros Perch L1	1	6			1	1					400	550	150	400 AFFL	9005	Surface
SLB-105	Upper Stalls Position			2		4	1					400	550	150	0 AFFL	9005	Recessed
SLB-151	Control Room 1					2						400	550	150	400 AFFL	9005	Surface
SLB-152	Control Room 2a					2						400	550	150	400 AFFL	9005	Surface
SLB-153	Control Room 2b					2	1					400	550	150	400 AFFL	9005	Surface
SLB-154	Control Room 3a					2						400	550	150	400 AFFL	9005	Surface
SLB-155	Control Room 3b					2						400	550	150	400 AFFL	9005	Surface
SLB-156	Control Room 4					2						400	550	150	400 AFFL	9005	Surface

STAGELIGHTING SYSTEM - MAIN THEATRE

FACILITIES PLANNING SCHEDULE

Ref	Location	Power									Notes	Box Coordination					
		6 x 10A 2.2kW dimmer/relay multi-pin female panel socket	Single 10A 2.2kW power PowerCon True1 TOP (parallel with Socapex connector in SLB)	Single 10A 2.2kW relay PowerCon True1 TOP panel socket	Single 16A 3.5kW CEE17 single-phase connector no RCD (RCBO at DB)	Stagelighting power Single 13A 2.9kW no RCD (RCBO at DB)	Stagelighting power 32A 7.3kW SPN with RCD	Single 16A 3.5kW CEE17 single-phase connector (parallel with 32a SPN Connector in SLB)	Worklight Dual 13A 2.9kW RCD	Worklight Single 10A 2.2kWpower PowerCon True1 TOP		Width	Height	Depth	Mouting height	Colour	Surface / Recessed / Flush / Integrated with structure
CABLE TYPE		6no. P10	N/A	P10	P16	P13	P32	N/A	P13	P10	See attached cable types key.	Box coordination information is included for guidance only. Final sizing and colour of each box, along with the coordination of the position and mounting of each box, is the responsibility of the specialist SL/AV subcontractor.					
CONNECTOR TYPE		SOC-FP	P/CON - TOP	P/CON - TOP	16A-FP	13A-FP	32A-FP-RCD	16A-FP	13A-RCD-FP twin	P/CON - TOP	See attached connector types key.						
CONTAINMENT GROUP		S/L 1									See attached containment groups key.						
Second Floor - Level L02																	
SLB-201	SR Stage Perch L2			4		1						350	350	150	400 AFFL	9005	Surface
SLB-202	SL Stage Perch L2			4		1						350	350	150	400 AFFL	9005	Surface
SLB-203	SR Pros Perch L2	1	6			1						350	350	150	400 AFFL	9005	Surface
SLB-204	SL Pros Perch L2	1	6			1						350	350	150	400 AFFL	9005	Surface
SLB-205	Aud Left Balcony			6		1						400	150	150	TBD	TBD	Recessed
SLB-206	Aud Right Balcony			6		1						400	150	150	TBD	TBD	Recessed
SLB-207	Aud Centre Balcony			4		1						400	150	150	TBD	TBD	Recessed
SLB-208	Aud Centre Balcony			4	1	1						400	150	150	TBD	TBD	Recessed
SLB-209	Aud Centre Balcony			4		1						400	150	150	TBD	TBD	Recessed
Third Floor - Level L03																	
SLB-302	Fly Floor SR	1	6			1			1			350	350	150	800 AFFL	9005	Surface
SLB-303	Fly Floor SR	1	6			1			1			400	400	150	800 AFFL	9005	Surface
SLB-304	Fly Floor SL	1	6			2				1		400	400	150	800 AFFL	9005	Surface
SLB-305	Fly Floor SL	1	6			1				1		400	400	150	800 AFFL	9005	Surface
SLB-306	Fly Floor SL	2	12			2						400	400	150	800 AFFL	9005	Surface
SLB-307	Fly Floor SL	2	12			1				1		400	400	150	800 AFFL	9005	Surface
SLB-308	Fly Floor SL	2	12			2				1		400	400	150	800 AFFL	9005	Surface
SLB-310	Bridge 0			2		1						350	350	150	TBD	9005	Surface
SLB-311	Bridge 0					1				1		400	400	150	TBD	9005	Surface
SLB-312	Bridge 0			2		1						400	400	150	TBD	9005	Surface

STAGELIGHTING SYSTEM - MAIN THEATRE

FACILITIES PLANNING SCHEDULE

Ref	Location	Power										Notes	Box Coordination					
		6 x 10A 2.2kW dimmer/relay multi-pin female panel socket	Single 10A 2.2kW power PowerCon True1 TOP (parallel with Socapex connector in SLB)	Single 10A 2.2kW relay PowerCon True1 TOP panel socket	Single 16A 3.5kW CEE17 single-phase connector no RCD (RCBO at DB)	Stagelighting power Single 13A 2.9kW no RCD (RCBO at DB)	Stagelighting power 32A 7.3kW SPN with RCD	Single 16A 3.5kW CEE17 single-phase connector (parallel with 32a SPN Connector in SLB)	Worklight Dual 13A 2.9kW RCD	Worklight Single 10A 2.2kWpower PowerCon True1 TOP			Width	Height	Depth	Mouting height	Colour	Surface / Recessed / Flush / Integrated with structure
CABLE TYPE		6no. P10	N/A	P10	P16	P13	P32	N/A	P13	P10	See attached cable types key.	Box coordination information is included for guidance only. Final sizing and colour of each box, along with the coordination of the position and mounting of each box, is the responsibility of the specialist SL/AV subcontractor.						
CONNECTOR TYPE		SOC-FP	P/CON - TOP	P/CON - TOP	16A-FP	13A-FP	32A-FP-RCD	16A-FP	13A-RCD-FP twin	P/CON - TOP	See attached connector types key.							
CONTAINMENT GROUP		S/L 1																
Third Floor - Level L03 - Continued																		
SLB-313	Bridge 1			2		1							400	400	150	TBD	9005	Surface
SLB-314	Bridge 1	1	4			1							350	350	150	TBD	9005	Surface
SLB-315	Bridge 1	1	4			1				1			400	150	150	TBD	9005	Surface
SLB-316	Bridge 1			2		1							400	150	150	TBD	9005	Surface
SLB-317	Bridge 2			2		1							400	150	150	TBD	9005	Surface
SLB-318	Bridge 2			2		1							400	150	150	TBD	9005	Surface
SLB-319	Bridge 2	1	4			1	1						400	150	150	TBD	9005	Surface
SLB-320	Bridge 2	1	4			1	1			1			400	150	150	TBD	9005	Surface
SLB-321	Bridge 2			2		1							200	200	150	TBD	9005	Surface
SLB-322	Bridge 2			2		1							200	200	150	TBD	9005	Surface
SLB-335	Followspot Box			1		1	1	2					350	350	150	400 AFFL	9005	Surface
SLB-336	Followspot Box			1		1	1	2					350	350	150	400 AFFL	9005	Surface
SLB-337	Followspot Box			1		1	1	2					350	350	150	400 AFFL	9005	Surface
Fourth Floor - Level L04																		
SLB-430	Bridge 3			4		1				1			400	150	150	TBD	9005	Surface
Grid - Level L05																		
SLB-501	Grid USC					2				1			400	150	150	800 AFFL	9005	Surface
TOTALS																		
	Totals	22	124	73	1	72	14	6	10	14								
	Total Dimmers/Relays	205																

CABLE DESTINATIONS

Destination of all Stagelighting switchable relay cabling is the stagelighting dimmer/relay racks SLD-101 - SLD-109 in the stagelighting dimmer room - Level L01
Destination of all stagelighting power cabling is the stagelighting distribution boards. 13A outlets may be wired as ring mains.

WORKLIGHT CONTROL SYSTEM - MAIN THEATRE

CONTROL PANEL SCHEDULE

Ref	Location	Type	Mounting	Finish	Worklight control		Indicative Label				Notes	Box Coordination					
				RAL No.	Master control pan	Local control pane	Button 1	Button 2	Button 3	Button 4	1: Worklight control cabling to socket outlet connections in facility panels for portable panel is included on facility panel schedule sheets 2: It may be possible for the cabling to the WLC panels to be daisy-chained from panel to panel. Specialist contractor to confirm.	Width	Height	Depth	Mouting height	Colour	Surface / Recessed / Flush / Integrated with structure
CABLE TYPE					Z05	Z09					See attached cable types key.	Box coordination information is included for guidance only. Final sizing and colour of each box, along with the coordination of the position and mounting of each box, is the responsibility of the specialist SL/AV subcontractor.					
CONTAINMENT GROUP					AV/3						See attached containment groups key.						
Basement - Level L-01																	
WLC-B01	Orchestra Pit SR	2-Button	Surface	9005		1	Pit Whites	Pit Blues	N/A	N/A		70	115	66	1200 AFFL	9005	Surface
WLC-B02	Orchestra Pit SL	2-Button	Surface	9005		1	Pit Whites	Pit Blues	N/A	N/A		70	115	66	1200 AFFL	9005	Surface
Ground Floor - Level L0																	
WLM-001	Downstage Right	Master	Surface	9005	1		N/A	N/A	N/A	N/A		205	272	70	1200 AFFL	9005	Surface
WLC-002	Upstage Right	2-Button	Surface	9005		1	Stage Whites	Stage Blues	N/A	N/A		70	115	66	1200 AFFL	9005	Surface
WLC-003	Downstage Left	8-Button	Surface	9005		1	As Programmed				This is the existing panel	70	115	66	1200 AFFL	9005	Surface
First Floor - Level L01																	
WLC-101	SR Slip L1	2-Button	Surface	9005		1	Slip Whites	Slip Blues	N/A	N/A		70	115	66	1200 AFFL	9005	Surface
WLC-102	SL Slip L1	2-Button	Surface	9005		1	Slip Whites	Slip Blues	N/A	N/A		70	115	66	1200 AFFL	9005	Surface
WLC-151	Control Room 1	2-Button	Surface	9005		1	CR1 Whites	CR1 Blues	N/A	N/A		70	115	66	1200 AFFL	9005	Surface
WLC-152	Control Room 2a	2-Button	Surface	9005		1	CR2 Whites	CR2 Blues	N/A	N/A		70	115	66	1200 AFFL	9005	Surface
WLC-153	Control Room 2b	2-Button	Surface	9005		1	CR2 Whites	CR2 Blues	N/A	N/A		70	115	66	1200 AFFL	9005	Surface
WLC-154	Control Room 3a	2-Button	Surface	9005		1	CR3 Whites	CR3 Blues	N/A	N/A		70	115	66	1200 AFFL	9005	Surface
WLC-155	Control Room 3b	2-Button	Surface	9005		1	CR3 Whites	CR3 Blues	N/A	N/A		70	115	66	1200 AFFL	9005	Surface
WLC-156	Control Room 4	2-Button	Surface	9005		1	CR4 Whites	CR4 Blues	N/A	N/A		70	115	66	1200 AFFL	9005	Surface
WLM-160	Control Room 3	Master	Surface	9005	1		N/A	N/A	N/A	N/A		205	272	70	1200 AFFL	9005	Surface
Second Floor - Level L02																	
WLC-201	SR Slip L2	2-Button	Surface	9005		1	Slip Whites	Slip Blues	N/A	N/A		70	115	66	1200 AFFL	9005	Surface
WLC-202	SL Slip L2	2-Button	Surface	9005		1	Slip Whites	Slip Blues	N/A	N/A		70	115	66	1200 AFFL	9005	Surface

WORKLIGHT CONTROL SYSTEM - MAIN THEATRE

CONTROL PANEL SCHEDULE

Ref	Location	Type	Mounting	Finish	Worklight control		Indicative Label				Notes	Box Coordination						
				RAL No.	Master control panel	Local control panel	Button 1	Button 2	Button 3	Button 4	1: Worklight control cabling to socket outlet connections in facility panels for portable panel is included on facility panel schedule sheets 2: It may be possible for the cabling to the WLC panels to be daisy-chained from panel to panel. Specialist contractor to confirm.	Width	Height	Depth	Mouting height	Colour	Surface / Recessed / Flush / Integrated with structure	
CABLE TYPE					Z05	Z09					See attached cable types key.	Box coordination information is included for guidance only. Final sizing and colour of each box, along with the coordination of the position and mounting of each box, is the responsibility of the specialist SL/AV subcontractor.						
CONTAINMENT GROUP					AV/3						See attached containment groups key.							
Third Floor - Level L03																		
WLC-301	Fly Floor DSR	2-Button	Surface	9005		1	Fly Floor Whites	Fly Floor Blues	N/A	N/A		70	115	66	1200 AFFL	9005	Surface	
WLC-302	Fly Floor USR	2-Button	Surface	9005		1	Fly Floor Whites	Fly Floor Blues	N/A	N/A		70	115	66	1200 AFFL	9005	Surface	
WLC-303	Fly Floor USL	2-Button	Surface	9005		1	Fly Floor Whites	Fly Floor Blues	N/A	N/A		70	115	66	1200 AFFL	9005	Surface	
WLC-304	Fly Floor DSL	2-Button	Surface	9005		1	Fly Floor Whites	Fly Floor Blues	N/A	N/A		70	115	66	1200 AFFL	9005	Surface	
WLC-305	SR Slip L3	4-Button	Surface	9005		1	Tech Bridges Whites	Tech Bridges Blues	F/S Access Blues	N/A		70	115	66	1200 AFFL	9005	Surface	
WLC-306	SL Slip L3	4-Button	Surface	9005		1	Tech Bridges Whites	Tech Bridges Blues	F/S Access Blues	N/A		70	115	66	1200 AFFL	9005	Surface	
WLC-307	Followspot Box	4-Button	Surface	9005		1	Followspot Blues	Followspot Whites	F/S Access Blues	N/A		70	115	66	1200 AFFL	9005	Surface	
Fourth Floor - Level L04																		
WLC-401	Stage Right L4	2-Button	Surface	9005		1	L4 Whites	L4 Blues	N/A	N/A		70	115	66	1200 AFFL	9005	Surface	
WLC-402	Stage Left L4	2-Button	Surface	9005		1	L4 Whites	L4 Blues	N/A	N/A		70	115	66	1200 AFFL	9005	Surface	
Grid - Level L05																		
WLC-501	Grid	2-Button	Surface	9005		1	Grid Whites	Grid Blues	N/A	N/A		70	115	66	1200 AFFL	9005	Surface	
WLC-502	Grid	2-Button	Surface	9005		1	Grid Whites	Grid Blues	N/A	N/A		70	115	66	1200 AFFL	9005	Surface	
TOTALS																		
					2	25												
CABLE DESTINATIONS																		

AUDIOVISUAL AND STAGELIGHTING DATA, AV POWER - MAIN THEATRE

FACILITIES PLANNING SCHEDULE

Ref	Location	AV Data/Video					Comms				LSP	SL Data			AV Power		Notes	Box Coordination						
		AV Data	Fibre-optic	Analogue / AES 67 audio	Analogue / AES 67 audio	12G SDI Video tlines	Wired Intercom	SM Control	Paging Microphone plug-in point	Cue/light	Loudspeaker point tlines (4-core)	DMX out	DMX in	Ethernet	Audiovisual power Twin 13A	Audiovisual Power True 1 TOP		Width	Height	Depth	Mounting height	Colour	Surface / Recessed / Flush / Integrated with structure	
CABLE TYPE		D6F	F42	A01	A01	C75	D6F	D6F	D6F	D6F	L44	D6U	D6U	D6F	P32	P16	See attached cable types key.	Box coordination information is included for guidance only. Final sizing and colour of each box, along with the coordination of the position and mounting of each box, is the responsibility of the specialist SL/AV subcontractor.						
CONNECTOR TYPE		XLR-RJ45	OPT-DUO	XLR3-FP	XLR3-MP /XLR3-FP	BNC-75FP	XLR-RJ45	XLR-RJ45	XLR-RJ45	XLR-RJ45	NL4-FP	XLR5-FP	XLR5-MP	XLRJ45-FP	13A-FP twin	P/CON - TOP	See attached connector groups key							
CONTAINMENT GROUP		AV/3									AV/2	AV/3			AV/1		See attached containment groups key.							
Basement - Level L-01																								
SLAV-B01	Orchestra Pit	2	1			1	1			1	1	1		2	1			350	350	150	800	9005	Surface	
Ground Floor - Level L0																								
SLAV-001	Downstage Right	2	1	4	2	4	2	1	1	1	6	2	1	2	4	1	SM desk position (2 x NL4 marked as Front Fills 1, 2)	350	350	150	800	9005	Surface	
SLAV-001	Downstage Right	(4)	(4)										(1)	(1)			Direct links to Control room SLAV-153	n/a	n/a	n/a	n/a	n/a	n/a	
SLAV-001	Downstage Right	(4)	(4)										(1)	(1)			Direct links to Control room SLAV-154	n/a	n/a	n/a	n/a	n/a	n/a	
SLAV-001	Downstage Right	(4)	(4)										(1)	(1)			Direct links to Control room SLAV-155	n/a	n/a	n/a	n/a	n/a	n/a	
SLAV-001	Downstage Right	(2)	(2)		(2)												Direct links to Followspot Room SLAV-335	n/a	n/a	n/a	n/a	n/a	n/a	
SLAV-001	Downstage Right	(2)	(2)		(2)								(1)	(1)			Direct links to Upper Stalls Position SLAV-105	n/a	n/a	n/a	n/a	n/a	n/a	
SLAV-001	Downstage Right	(2)			(2)	(2)											Direct links to SR Fly Floor SLAV-301	n/a	n/a	n/a	n/a	n/a	n/a	
SLAV-002	Upstage Right	2	1		2	2	1			1	2	2		2	4			350	350	150	800	9005	Surface	
SLAV-003	Upstage Centre	2	1			2	1			1	2	2		2	2			200	200	150	800	9005	Flush	
SLAV-004	Upstage Left	2	1		2	2	1			1	2	2		2	4			200	200	150	800	9005	Flush	
SLAV-005	Downstage Left	2	1	4	2	4	2	1	1	1	6	2	1	2	4	1	SM desk position (2 x NL4 marked as Front Fills 3, 4)	200	200	150	800	9005	Flush	
SLAV-005	Downstage Left	(4)	(4)	(8)													Direct links to Control room SLAV-153	n/a	n/a	n/a	n/a	n/a	n/a	
SLAV-005	Downstage Left	(4)	(4)	(8)													Direct links to Control room SLAV-154	n/a	n/a	n/a	n/a	n/a	n/a	
SLAV-005	Downstage Left	(4)	(4)	(8)													Direct links to Control room SLAV-155	n/a	n/a	n/a	n/a	n/a	n/a	
SLAV-005	Downstage Left	(2)	(2)		(2)							(2)		(3)			Direct links to Followspot Room SLAV-335	n/a	n/a	n/a	n/a	n/a	n/a	
SLAV-005	Downstage Left	(2)	(2)		(2)									(2)			Direct links to Upper Stalls Position SLAV-105	n/a	n/a	n/a	n/a	n/a	n/a	
SLAV-005	Downstage Left	(2)			(2)	(2)											Direct links to SL Fly Floor SLAV-308	n/a	n/a	n/a	n/a	n/a	n/a	
SLAV-020	Downstage Right Vom	2								1	2	1		1	1			350	350	150	800	9005	Surface	
SLAV-021	Downstage Left Vom	2								1	2	1		1	1			350	350	150	800	9005	Surface	
SLAV-022	Lower Stalls Position	2	1	4	2	4	3		1	1			2	2	2			200	200	150	0	9005	Recessed	
LS-001	Front Fill SR										1						Wired directly to front fill loudspeaker in front edge of stage	75	75	30	n/a	n/a	Recessed	
LS-002	Front Fill SRC										1						Wired directly to front fill loudspeaker in front edge of stage	75	75	30	n/a	n/a	Recessed	
LS-003	Front Fill SLC										1						Wired directly to front fill loudspeaker in front edge of stage	75	75	30	n/a	n/a	Recessed	
LS-004	Front Fill SL										1						Wired directly to front fill loudspeaker in front edge of stage	75	75	30	n/a	n/a	Recessed	
																		75						

AUDIOVISUAL AND STAGELIGHTING DATA, AV POWER - MAIN THEATRE

FACILITIES PLANNING SCHEDULE

Ref	Location	AV Data/Video					Comms				LSP	SL Data			AV Power		Notes	Box Coordination					
		AV Data	Fibre-optic	Analogue / AES 67 audio	Analogue / AES 67 audio	12G SDI Video tielines	Wired Intercom	SM Control	Paging Microphone plug-in point	Cueilight	Loudspeaker point tielines (4-core)	DMX out	DMX in	Ethernet	Audiovisual power Twin 13A	Audiovisual Power True 1 TOP		Width	Height	Depth	Mounting height	Colour	Surface / Recessed / Flush / Integrated with structure
CABLE TYPE		D6F	F42	A01	A01	C75	D6F	D6F	D6F	D6F	L44	D6U	D6U	D6F	P32	P16	See attached cable types key.	Box coordination information is included for guidance only. Final sizing and colour of each box, along with the coordination of the position and mounting of each box, is the responsibility of the specialist SL/AV subcontractor.					
CONNECTOR TYPE		XLR-RJ45	OPT-DUO	XLR3-FP	XLR3-MP /XLR3-FP	BNC-75FP	XLR-RJ45	XLR-RJ45	XLR-RJ45	XLR-RJ45	NL4-FP	XLR5-FP	XLR5-MP	XLRJ45-FP	13A-FP twin	P/CON - TOP	See attached connector groups key						
CONTAINMENT GROUP		AV/3									AV/2	AV/3			AV/1		See attached containment groups key.						
First Floor - Level L01																							
SLAV-101	SR Stage Perch	1				1					1	1		1	1			350	350	150	1000	9005	Surface
SLAV-102	SL Stage Perch	1				1					1	1		1	1			350	350	150	1000	9005	Surface
SLAV-103	SR Pros Perch	1				1	1				6	1		1	1		Main PA hang	350	350	150	800	9005	Surface
SLAV-104	SL Pros Perch	1				1	1				6	1		1	1		Main PA hang	350	350	150	800	9005	Surface
SLAV-105	Upper Stalls Position	2	1		4	4	2	1	1	1			2	2	2	1	SM desk position	350	350	150	0	9005	Recessed
SLAV-105	Upper Stalls Position	(2)	(2)		(2)								(1)	(1)			Direct links to SLAV-001	n/a	n/a	n/a	n/a	n/a	n/a
SLAV-105	Upper Stalls Position	(2)	(2)		(2)									(2)			Direct links to SLAV-005	n/a	n/a	n/a	n/a	n/a	n/a
SLAV-151	Control Room 1	2	2			1	1		1	1			1	1	1			350	350	150	400	9005	Surface
SLAV-152	Control Room 2a	2	4		4	4	2	1	1	1			2	1	2	1	SM desk position	350	350	150	400	9005	Surface
SLAV-153	Control Room 2b	2	4		4	2	2		2	1			2	1	2			350	350	150	400	9005	Surface
SLAV-153	Control Room 2b	(4)	(4)										(1)	(1)			Direct links to SLAV-001	n/a	n/a	n/a	n/a	n/a	n/a
SLAV-153	Control Room 2b	(4)	(4)	(8)									(1)	(1)			Direct links to SLAV-005	n/a	n/a	n/a	n/a	n/a	n/a
SLAV-154	Control Room 3a	2	2		4	4	2	1	2	1			2	1	4	1	SM desk position	350	350	150	400	9005	Surface
SLAV-154	Control Room 3a	(4)	(4)										(1)	(1)			Direct links to SLAV-001	n/a	n/a	n/a	n/a	n/a	n/a
SLAV-154	Control Room 3a	(4)	(4)	(8)									(1)	(1)			Direct links to SLAV-005	n/a	n/a	n/a	n/a	n/a	n/a
SLAV-155	Control Room 3b	2	2		4	4	2	1	2	1			2	1	4	1	SM desk position	350	350	150	400	9005	Surface
SLAV-155	Control Room 3b	(4)	(4)										(1)	(1)			Direct links to SLAV-001	n/a	n/a	n/a	n/a	n/a	n/a
SLAV-155	Control Room 3b	(4)	(4)	(8)									(1)	(1)			Direct links to SLAV-005	n/a	n/a	n/a	n/a	n/a	n/a
SLAV-156	Control Room 4	2	4		4	1	1		1	1			1	1	1			350	350	150	400	9005	Surface
SLAV-919	Orme Suite	2	2		2	2											Existing panel - requires these additional facilities	n/a	n/a	n/a	n/a	n/a	n/a

AUDIOVISUAL AND STAGELIGHTING DATA, AV POWER - MAIN THEATRE

FACILITIES PLANNING SCHEDULE

Ref	Location	AV Data/Video					Comms				LSP	SL Data			AV Power		Notes	Box Coordination						
		AV Data	Fibre-optic	Analogue / AES 67 audio	Analogue / AES 67 audio	12G SDI Video tielines	Wired Intercom	SM Control	Paging Microphone plug-in point	Cueilight	Loudspeaker point tielines (4-core)	DMX out	DMX in	Ethernet	Audiovisual power Twin 13A	Audiovisual Power True 1 TOP		Width	Height	Depth	Mounting height	Colour	Surface / Recessed / Flush / Integrated with structure	
CABLE TYPE		D6F	F42	A01	A01	C75	D6F	D6F	D6F	D6F	L44	D6U	D6U	D6F	P32	P16	See attached cable types key.	Box coordination information is included for guidance only. Final sizing and colour of each box, along with the coordination of the position and mounting of each box, is the responsibility of the specialist SL/AV subcontractor.						
CONNECTOR TYPE		XLR-RJ45	OPT-DUO	XLR3-FP	XLR3-MP //XLR3-FP	BNC-75FP	XLR-RJ45	XLR-RJ45	XLR-RJ45	XLR-RJ45	NL4-FP	XLR5-FP	XLR5-MP	XLRJ45-FP	13A-FP twin	P/CON - TOP	See attached connector groups key							
CONTAINMENT GROUP		AV/3									AV/2	AV/3			AV/1		See attached containment groups key.							
First Floor - Level L01 - Loudspeakers																								
LS-101	House Right 1										1							75	75	45	2000	9005	Surface	
LS-102	House Right 2										1							75	75	45	2000	9005	Surface	
LS-103	House Right 3										1							75	75	45	2000	9005	Surface	
LS-104	House Right 4										1							75	75	45	2000	9005	Surface	
LS-105	House Rear 1										1							75	75	45	2000	9005	Surface	
LS-106	House Rear 2										1							75	75	45	2000	9005	Surface	
LS-107	House Rear 3										1							75	75	45	2000	9005	Surface	
LS-108	House Rear 4										1							75	75	45	2000	9005	Surface	
LS-109	House Left 4										1							75	75	45	2000	9005	Surface	
LS-110	House Left 3										1							75	75	45	2000	9005	Surface	
LS-111	House Left 2										1							75	75	45	2000	9005	Surface	
LS-112	House Left 1										1							75	75	45	2000	9005	Surface	
Second Floor - Level L02																								
SLAV-202	SL Stage Perch L2	1				1					1	1		1	1			350	350	150	1000	9005	Surface	
SLAV-203	SR Pros Perch L2	1				1	1				1	1		1	1			350	350	150	800	9005	Surface	
SLAV-204	SL Pros Perch L2	1				1	1				1	1		1	1			350	350	150	800	9005	Surface	
SLAV-205	Aud Left Balcony	1	1			1					1	1		1	1			350	350	150	TBD	TBD	Recessed	
SLAV-206	Aud Right Balcony	1	1			1					1	1		1	1			350	350	150	TBD	TBD	Recessed	
SLAV-207	Aud Centre Balcony	1	1	1		2					1	1		1	1			350	350	150	TBD	TBD	Recessed	
SLAV-208	Aud Centre Balcony	1	1	1		2					1	1		1	1			350	350	150	TBD	TBD	Recessed	
SLAV-209	Aud Centre Balcony	1	1	1		2					1	1		1	1			350	350	150	TBD	TBD	Recessed	
Second Floor - Level L02 - Loudspeakers																								
LS-201	House Right 1										1							75	75	45	2000	9005	Surface	
LS-202	House Right 2										1							75	75	45	2000	9005	Surface	
LS-203	House Right 3										1							75	75	45	2000	9005	Surface	
LS-204	House Left 3										1							75	75	45	2000	9005	Surface	
LS-205	House Left 2										1							75	75	45	2000	9005	Surface	
LS-206	House Left 1										1							75	75	45	2000	9005	Surface	

AUDIOVISUAL AND STAGELIGHTING DATA, AV POWER - MAIN THEATRE

FACILITIES PLANNING SCHEDULE

Ref	Location	AV Data/Video					Comms				LSP	SL Data			AV Power		Notes	Box Coordination					
		AV Data	Fibre-optic	Analogue / AES 67 audio	Analogue / AES 67 audio	12G SDI Video tlines	Wired Intercom	SM Control	Paging Microphone plug-in point	Cuelight	Loudspeaker point tlines (4-core)	DMX out	DMX in	Ethernet	Audiovisual power Twin 13A	Audiovisual Power True 1 TOP		Width	Height	Depth	Mounting height	Colour	Surface / Recessed / Flush / Integrated with structure
CABLE TYPE		D6F	F42	A01	A01	C75	D6F	D6F	D6F	D6F	L44	D6U	D6U	D6F	P32	P16	See attached cable types key.	Box coordination information is included for guidance only. Final sizing and colour of each box, along with the coordination of the position and mounting of each box, is the responsibility of the specialist SL/AV subcontractor.					
CONNECTOR TYPE		XLR-RJ45	OPT-DUO	XLR3-FP	XLR3-MP //XLR3-FP	BNC-75FP	XLR-RJ45	XLR-RJ45	XLR-RJ45	XLR-RJ45	NL4-FP	XLR5-FP	XLR5-MP	XLRJ45-FP	13A-FP twin	P/CON - TOP	See attached connector groups key						
CONTAINMENT GROUP		AV/3									AV/2	AV/3			AV/1		See attached containment groups key.						
Third Floor - Level L03																							
SLAV-301	Fly Floor SR						2			1						1	Connection for fly floor rope light cuelight	200	200	150	800	9005	Surface
SLAV-301	Fly Floor SR				(2)	(2)											Direct Link to SLAV-001	n/a	n/a	n/a	n/a	n/a	n/a
SLAV-302	Fly Floor SR	1			1	1					1	1		2	1			150	300	150	800	9005	Surface
SLAV-303	Fly Floor SR	1				1					1	1		2	1			350	350	150	800	9005	Surface
SLAV-305	Fly Floor SL	1	1			1					1	1		2	1			350	350	150	800	9005	Surface
SLAV-306	Fly Floor SL	2	1			1						2		2				150	300	150	800	9005	Surface
SLAV-307	Fly Floor SL	1	1			1						1		2				200	200	150	800	9005	Surface
SLAV-308	Fly Floor SL	2	1			1						2		2				200	200	150	800	9005	Surface
SLAV-308	Fly Floor SL	(2)	(2)		(2)												Direct Link to SLAV-005	n/a	n/a	n/a	n/a	n/a	n/a
SLAV-309	Fly Floor SL	1	1			1					1	1		2	1			200	200	150	800	9005	Surface
SLAV-310	Bridge 0										5							200	200	150	800	9005	Surface
SLAV-311	Bridge 0										5							200	200	150	800	9005	Surface
SLAV-312	Bridge 1	1				1						1		1	1			200	200	150	TBD	9005	Surface
SLAV-313	Bridge 1	1	1			1						1		1	1			200	200	150	TBD	9005	Surface
SLAV-314	Bridge 1	1	1			1						1		1				200	200	150	TBD	9005	Surface
SLAV-315	Bridge 1	1				1						1		1	1			200	200	150	TBD	9005	Surface
SLAV-316	Bridge 1 rear										1							75	75	45	Rail	9005	Surface
SLAV-317	Bridge 1 rear										1							75	75	45	Rail	9005	Surface
SLAV-318	Bridge 2	1	1			1	1					1		1				200	200	150	TBD	9005	Surface
SLAV-319	Bridge 2	1										1		1				200	200	150	TBD	9005	Surface
SLAV-320	Bridge 2	1				1						1		1				200	200	150	TBD	9005	Surface
SLAV-321	Bridge 2																	75	75	45	Rail	9005	Surface
SLAV-322	Bridge 2																	75	75	45	Rail	9005	Surface
SLAV-323	Bridge 2 rear										1							75	75	45	Rail	9005	Surface
SLAV-324	Bridge 2 rear										1							75	75	45	Rail	9005	Surface
SLAV-325	Bridge 2 rear										1							75	75	45	Rail	9005	Surface
SLAV-335	Followspot Box	1	1		2	1	2		1		1	2		3	2			200	200	150	400	9005	Surface
SLAV-335	Followspot Box	(2)	(2)		(2)												Direct Links to SLAV-001	n/a	n/a	n/a	n/a	n/a	n/a
SLAV-335	Followspot Box	(2)	(2)		(2)							(2)		(3)			Direct Links to SLAV-005	n/a	n/a	n/a	n/a	n/a	n/a

AUDIOVISUAL AND STAGELIGHTING DATA, AV POWER - MAIN THEATRE

FACILITIES PLANNING SCHEDULE

Ref	Location	AV Data/Video					Comms				LSP	SL Data			AV Power		Notes	Box Coordination					
		AV Data	Fibre-optic	Analogue / AES 67 audio	Analogue / AES 67 audio	12G SDI Video tielines	Wired Intercom	SM Control	Paging Microphone plug-in point	Cueight	Loudspeaker point tielines (4-core)	DMX out	DMX in	Ethernet	Audiovisual power Twin 13A	Audiovisual Power True 1 TOP		Width	Height	Depth	Mouting height	Colour	Surface / Recessed / Flush / Integrated with structure
CABLE TYPE		D6F	F42	A01	A01	C75	D6F	D6F	D6F	D6F	L44	D6U	D6U	D6F	P32	P16	See attached cable types key.	Box coordination information is included for guidance only. Final sizing and colour of each box, along with the coordination of the position and mounting of each box, is the responsibility of the specialist SL/AV subcontractor.					
CONNECTOR TYPE		XLR-RJ45	OPT-DUO	XLR3-FP	XLR3-MP //XLR3-FP	BNC-75FP	XLR-RJ45	XLR-RJ45	XLR-RJ45	XLR-RJ45	NL4-FP	XLR5-FP	XLR5-MP	XLRJ45-FP	13A-FP twin	P/CON - TOP	See attached connector groups key						
CONTAINMENT GROUP		AV/3									AV/2	AV/3			AV/1		See attached containment groups key.						
Third Floor - Level L03 - Loudspeakers																							
LS-301	House Left 4										1							75	75	45	2000	9005	Surface
LS-302	Rear Circle 1										1							75	75	45	2000	9005	Surface
LS-303	Rear Circle 2										1							75	75	45	2000	9005	Surface
LS-304	Rear Circle 3										1							75	75	45	2000	9005	Surface
LS-305	Rear Circle 4										1							75	75	45	2000	9005	Surface
LS-306	Rear Circle 5										1							75	75	45	2000	9005	Surface
LS-307	House Right 4										1							75	75	45	2000	9005	Surface
Fourth Floor - Level L04																							
SLAV-430	Bridge 3	1	1			1	1			1	2	1		1				200	200	150	TBD	9005	Surface
Grid - Level L05																							
SLAV-501	Grid DSR	1				1				1	1	1		1	1			200	200	150	800	9005	Surface
	Total quantities	65	43	15	39	72	33	6	14	19	97	45	16	62	61	7							

CABLE DESTINATIONS

Destinations of all cables is the Equipment rack room on level 1

AV POWER - IMPORTANT NOTE

All AV Power outlets are designed to be separated from the data services, not on a single panel. Therefore standard metal-clad wall mounted 13A sockets can be used.

PAGING - MAIN THEATRE

FACILITIES PLANNING SCHEDULE

Ref	Location	Equipment					Wiring Types & Quantities		Amplifier Channels		Group	Notes
		Wall Mount Loudspeaker	High Quality Wall mount Loudspeaker 6"	Horn Type Loudspeaker	Ceiling Mount Loudspeaker IP rated	Type of volume control	Connection point for paging / show relay equipment D1, D2 or D3	110v Loudspeaker and relay	Paging Calls Amplifier Channel	Show relay / BGM amp channel	Paging Group	
CABLE TYPE							D6F	Z02				See attached cable types key.
CONTAINMENT GROUP							SLAV/3	AV/2				See attached containment groups key.
Basement - Level L-01												
PAG B01	Dressing Room 8	1				1R	1	1	A1	A2	BOH D-room	Local control
PAG B02	Crew Room	2				1R	1	1	A3	A2	BOH Tech	Local control
PAG B03	Dressing Room 10	1				1R	1	1	A1	A2	BOH D-room	Local control
PAG B04	Circulation	4						1	A1	A2	BOH D-room	Fixed volume (via touch screen)
PAG B05	Dressing Room 9	1				1R	1	1	A1	A2	BOH D-room	Local control
Ground Floor - Level L0												
PAG 001	Stage Door	1				1	3	1	A3	A4	BOH Tech	Local control
PAG 002	Office	1				1	2	1	A3	A4	BOH Tech	Local control
PAG 003	Office	1				1	2	1	A3	A4	BOH Tech	Local control
PAG 004	Office	1				1	2	1	A3	A4	BOH Tech	Local control
PAG 005	Circulation	7						1	A5	A4	BOH D-room	Fixed volume (via touch screen)
PAG 006	Dressing Room 2	1				1R	1	1	A5	A4	BOH D-room	Local control
PAG 007	Dressing Room 1	1				1R	1	1	A5	A4	BOH D-room	Local control
PAG 008	Technical Store	1				1R	1	1	A5	A4	BOH D-room	Local control
PAG 901	Box Office						3					3 socket connection panel only
PAG 902	Bar						3					3 socket connection panel only
PAG 903	Arena Box Office						3					3 socket connection panel only

PAGING - MAIN THEATRE

FACILITIES PLANNING SCHEDULE

Ref	Location	Equipment					Wiring Types & Quantities		Amplifier Channels		Group	Notes
		Wall Mount Loudspeaker	High Quality Wall mount Loudspeaker 6"	Horn Type Loudspeaker	Ceiling Mount Loudspeaker IP rated	Type of volume control	Connection point for paging / show relay equipment D1, D2 or D3	110v Loudspeaker and relay	Paging Calls Amplifier Channel	Show relay / BGM amp channel	Paging Group	
CABLE TYPE							D6F	Z02				See attached cable types key.
CONTAINMENT GROUP							SLAV/3	AV/2				See attached containment groups key.
First Floor - Level L01												
PAG 101	Dressing Room 3	1				1R	1	1	A6	A7	BOH Droom	Local control
PAG 102	Circulation	6			1			1	A6	A7	BOH Droom	Fixed volume (via touch screen)
PAG 103	Dressing Room 4	1				1R	1	1	A6	A7	BOH Droom	Local control
PAG 104	Dressing Room 5	1				1R	1	1	A6	A7	BOH Droom	Local control
PAG 105	Dimmer / Rack Room	1				1		1	A8	A7	BOH Tech	Local control
PAG 106	Control Room 1		1			1		1	B1	A7	BOH Tech	Local control
PAG 107	Control Room 2a		1			1		1	B2	A7	BOH Tech	Local control
PAG 108	Control Room 2b		1			1		1	B2	A7	BOH Tech	Local control
PAG 109	Control Room 3a		1			1		1	B3	A7	BOH Tech	Local control
PAG 110	Control Room 3b		1			1		1	B3	A7	BOH Tech	Local control
PAG 111	Control Room 4		1			1		1	B4	A7	BOH Tech	Local control
PAG 120	Stage			4					B5	n/a	BOH Tech	Fixed volume (via touch screen)

PAGING - MAIN THEATRE

FACILITIES PLANNING SCHEDULE

Ref	Location	Equipment					Wiring Types & Quantities		Amplifier Channels		Group	Notes
		Wall Mount Loudspeaker	High Quality Wall mount Loudspeaker 6"	Horn Type Loudspeaker	Ceiling Mount Loudspeaker IP rated	Type of volume control	Connection point for paging / show relay equipment D1, D2 or D3	110v Loudspeaker and relay	Paging Calls Amplifier Channel	Show relay / BGM amp channel	Paging Group	
CABLE TYPE							D6F	Z02				See attached cable types key.
CONTAINMENT GROUP							SLAV/3	AV/2				See attached containment groups key.
Second Floor - Level L02												
PAG 201	Kitchen	1				1R	1	1	B6	A8	BOH Droom	Local control
PAG 202	Laundry	1				1R		1	B6	A8	BOH Droom	Local control
PAG 203	Wardrobe	1				1R		1	B6	A8	BOH Droom	Local control
PAG 204	Circulation	6			1			1	B6	A8	BOH Droom	Fixed volume (via touch screen)
PAG 205	Dressing Room 7	1				1R	1	1	B6	A8	BOH Droom	Local control
PAG 206	Dressing Room 6	1				1R	1		B6	A8	BOH Droom	
PAG 921	Office						1		C1	C2	FOH Office	1 socket connection panel only
PAG 922	Office						1		C1	C2	FOH Office	1 socket connection panel only
PAG 923	Office						1		C1	C2	FOH Office	1 socket connection panel only
Third Floor - Level L03												
PAG 301	Followspot Room		2			1R (x2)		1	C3	C5	BOH Tech	Local control
PAG 302	Gantries			2				1	C4	n/a	BOH Tech	Fixed volume (via touch screen)
TOTALS												
	Total quantities at AVR	44	8	6	2		34	29				

CABLE DESTINATIONS

All paging cabling will terminate in the AV equipment racks in the AV Rack room on level 1 (currently the dimmer room)

4 paging zones are: Front of House, Backstage, Technical and TBC by client

Volume control type 1R - speaker has both show relay and paging, separate volume controls for both paging and show relay, but paging volume is a recessed control that requires a tool to adjust. Used mainly in dressing rooms

Volume control type 1 - speaker has both show relay and paging - with separate volume controls for both. A switch can turn paging off completely. Used mainly in technical areas and office

Amplifier channels are a guide only

AUDIOVISUAL DATA INTER-RACK LINKS

FACILITIES PLANNING SCHEDULE

Ref	Location	Ref	Location	Data, Video & Comms			Notes
				Copper Ethernet network	Audiovisual Fibre	Closing Contact Signal	
CABLE TYPE		CABLE TYPE		D6F	F42	Z11	See attached cable types key.
CONNECTOR TYPE		CONNECTOR TYPE		XLR-RJ45	OPT-DUO	N/A	See attached connector groups key
CONTAINMENT GROUP		CONTAINMENT GROUP		SLAV/3			See attached containment groups key.
Source			Destination				
AVR 101		SLR 101		8	8		
AVR 101		Digipage Control rack (Arena) Room F087		4	8		
AVR 101		PAVA amplifier Rack Level 1 Room F015		4	4		
SLR 101		Fire Alarm System				1	Link from fire alarm to Paradigm system to trigger notices on the paradigm when an alarm is triggered
AVR 101		Fire Alarm System				1	Link from fire alarm to Paging system to mute paging and FOH music when an alarm is triggered

CABLE DESTINATIONS

Cable destinations as noted in source and destination columns for each line.

AUDIOVISUAL AND STAGELIGHTING DATA, and AV POWER - MAIN THEATRE

SCHEDULE OF CONTAINMENT & CABLE TYPES

OM	Cable Description	Size - Diameter	Size - CSA	Manufacturer	Model
STAGELIGHTING SYSTEM CONTAINMENT GROUPS					
SL/1	Stagelighting power cabling (230v / 400v)				
SLAV/3	Stagelighting data cabling				
AUDIOVISUAL SYSTEM CONTAINMENT GROUPS					
AV/1	Audiovisual systems power cabling (230v)				
AV/2	Loudspeaker tieline cabling				
SLAV/3	Comms, data and video tielines cabling				
CABLE TYPES					
D6F	Category 6 FTP ethernet data cable	7	38.5	Belcom	7297 Series
D6U	Category 6 UTP ethernet data cable	5.5	23.8	Belcom	
A01	Twisted pair in overall screen Starquad Type	4.7	17.3	Belcom Eventseries	220-4601-01
C75	75-ohm SDV 12G SDI coaxial cable	4	12.6	Belcom	HD1000
F42	OM4 2 core multimode fibre-optic cable	5	19.6	Belcom	SureLIGHT
P10	230V SPN mains power cable suitable for 10A radial circuits	Cable to be sized and specified by Specialist Contractor			
P13	230V SPN mains power cable suitable for 13A ring main circuits	Cable to be sized and specified by Specialist Contractor			
P16	230V SPN mains power cable suitable for 16A radial circuits	Cable to be sized and specified by Specialist Contractor			
P25	230V SPN mains power cable suitable for 25A radial circuits	Cable to be sized and specified by Specialist Contractor			
P32	230V SPN mains power cable suitable for 32A radial circuits	Cable to be sized and specified by Specialist Contractor			
Z05	Cable for work light master control panels	TBC by specialist contractor			
Z09	Cable for work light local control panels	TBC by specialist contractor			
Z11	Cable for GPIO Connections to fire alarm	TBC by specialist contractor			

Type C75 cable must be capable of transmitting up to 12G signals on all connections.
Where multiple connections appear at a single panel, the use of multicore cabling is acceptable to reduce costs and containment sizing

+44 (0)20 7928 0000
www.charcoalblue.com

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11953549

