



Technical Specification

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Contact Information

Address

Abbey Theatre
Pool Bank Street
Nuneaton
CV11 5DB

Technical Managers

Lighting Manager: Craig Barnes
Sound Manager: James Porter
Stage Manager: Sam Pearson
Building Manager: David Griffith

All enquiries relating to Technical should be sent to technical@abbeytheatre.co.uk

Seating Capacity

Main Auditorium: 250 with 4 additional wheelchair spaces with Carer seats (see Appendix D).

Access

The Abbey Theatre has a single loading area at the rear of the theatre. This can be accessed via the Lidl Car Park on Queens Road. The access ramp is large enough to accommodate vehicles up to 7.5 metres. The access is approximately 1.6m wide and 1 meter below stage height and can be accessed via a temporary loading ramp.

Dressing Rooms

We have 4 ground floor dressing rooms. Dressing Room 1, 2 and 3 are in our green room accessible from the main corridor with access to stage via double doors Stage Left. Dressing Room 4 is located at the back of stage with direct access to the rear stage walkway.

House Rules

Our rules are displayed throughout the venue, in relevant areas. Please pass these onto any cast and crew.

- No smoking, vaping, or e-cigarettes in the venue, or on stage. This includes performances.
- No alcohol allowed backstage or on stage.
- No hot drinks allowed on stage, only bottled water.

Any person(s) found not adhering to our rules may be asked to leave the premises. Our staff and volunteers also hold the right to stop any show if the rules are not being followed.

Stage Information

The stage is proscenium arched and raised above the auditorium floor. There is a cross over corridor located at the back of the stage, prompt corner is located SL and there are red house tabs that are operated by a tab track from SL.

The stage floor is level and finished in 12mm MDF. Groups may attach scenery to the floor with screws/nails but must ensure the flooring is not damaged when removing fixings and ensure that no fixings are left proud of the flooring after get-out. The stage floor is painted in 'Flints Theatre Black Paint', should you wish to paint the stage floor with an alternative colour or add a design, then a temporary hardboard covering must be laid (at cost to the hiring company) and removed at the end of the production – ensuring no nails or fixings are left on the stage floor, and any cosmetic damage is rectified.

Flying

The theatre has 3 bars on 3-line hemp which are accessible from a raised platform USL, and 2 motorised truss bars, one located up stage and the other FOH. Unfortunately, we do not have a fly tower so cloths must be rolled on the bars.

Weight Limits

- Hemp lines: 50kg evenly distributed
- Stage / FOH Fixed Bars – 150kg evenly distributed
- Truss 1 (Stage): 150kg evenly distributed
- Truss 2 (FOH): 150kg evenly distributed

Tab Tracks

Our main red house tabs are controlled via a pulley located at the Stage Managers corner; the house tabs must not be removed without prior permission from a Technical Manager. As standard we have black tabs located mid-stage and upstage. We also have a mid-swipe and rear-swipe track.

Stage Dimensions

- Stage width: 25ft (7.62m)
- Stage depth: 18ft (5.49m)
- Forestage to house tabs: 4ft (1.22m)
- Height to proscenium: 15ft (4.57m)
- Height from stage floor to grid: 17ft (5.18m)
- Wings width: 5ft (1.52m)

Forestage is removable to allow for orchestra pit – alternatively we have upstairs rooms available.

Stage Equipment

- 2 x Large zargies
- Several smaller A-Frame ladders
- 6 x moveable black masking legs
- 2 x set of black tabs
- 10 x stage weights
- 3 x Litedeck at 8'x4'
- 2 x Litedeck at 8'x2'
- 3 x Litedeck at 4'x4'
- 1 x Litedeck at 4'x2'

Lighting Information

Control

Control position is in the control room, which is raised at the rear of the auditorium. There is a rehearsal/production position in the centre of the auditorium.

Our lighting desk is an ETC GIO @5 with a dual screen setup. We also have a backup ETC ION with a 20-way fader wing. We have Cat5 tie line available at the Stage Manager desk SL. We have 4 DMX universe splitters located in the control room, with a patch panel for DMX distribution across the rig. And an additional ETC Net3 sACN Gateway to distribute a further Universe over ethernet.

Power

Dimmers

ETC Smart Packs -12 channel, 10A per channel

Zero 88 Betapack 2 – 6 channel – 10A per channel

Zero 88 Chilli Pro – 24 channel – 10A per channel

'Hot' Power

We have several 16a feeds both FoH and onstage. (see appendix C)

Standard Rig

There is a standard rig installed that provides full face light, Moving LED Washes and Fixed LED colour wash as well as various specials and generic profiles (see appendix A).

We also have additional equipment available to hire at reasonable rates (see appendix B).

Below is the list of standard fixtures we have at the venue, some of these are already rigged as part as the standard rig.

Profile stock

<i>Fixture</i>	<i>Quantity</i>
<i>Strand SL</i>	6
<i>ETC Source 4 – 26 Degree (750 watt)</i>	24
<i>Strand SL – 23/50</i>	2
<i>Strand Prelude – 28/40</i>	4
<i>Strand Prelude – 16/30</i>	4

Fresnel Stock

<i>Fixture</i>	<i>Quantity</i>
<i>Strand SL</i>	6
<i>ETC Source 4 – 26 Degree (750 watt)</i>	24
<i>Strand Patt 223</i>	19

Parcan Stock

<i>Fixture</i>	<i>Quantity</i>
<i>ETC Source 4 Par</i>	16

LED Stock

<i>Fixture</i>	<i>Quantity</i>
<i>Colorail 1m Batten</i>	4
<i>Equinox Swing Batten</i>	6
<i>LEDJ Omni Tri 9</i>	6
<i>Chauvet Colorado Tri Tour</i>	18
<i>ETC Colorsource Spot</i>	4
<i>Chauvet Ovation Reve E3</i>	6
<i>Chauvet DJ EVE P-130</i>	10
<i>Chauvet Slim Par VW</i>	8
<i>Chauvet Slim Par RGB</i>	6
<i>Chauvet Rogue R3X Wash Moving Head</i>	6

Starcloth

<i>Fixture</i>	<i>Quantity</i>
<i>ShowLED RGB Starcloth</i>	2

Special Effects

Atmospherics

<i>Fixture</i>	<i>Quantity</i>
<i>LeMaitre MVS Hazer</i>	2
<i>Dry Ice Pea Souper</i>	2
<i>Skytech Bubble Machine</i>	1
<i>Martin Magnum 650 Smoke</i>	1
<i>Martin Magnum 800 Smoke</i>	1
<i>Jem ZR12-Pro DMX Smoke</i>	1
<i>Snow/Poppy Drop Bag</i>	1

Pyrotechnics

We have a LeMaitre Prostage 6-Way Controller with various holders available (Gerb Holders, Flash Pods) as well as a Bomb Tank underneath the stage at the rear. We hold some stock of popular pyrotechnics, please contact a Technical Manager to discuss your requirements well in advance. When using pyrotechnics, you must discuss this with us in advance to ensure that the effects and installation planned is safe. The Operator must also meet our in-house requirements and be approved by a Technical Manager to operate any pyrotechnics **30 days prior to your show**, this usually means that they have attended the relevant safety courses and is deemed competent and is covered by the relevant insurance.

Sound Information

Control

Control position is in the control room, which is raised at the rear of the auditorium. There is a rehearsal/production position in the centre of the auditorium.

Our sound desk is an Allen and Heath Aventis, with a fixed GX4816 stage box and 2 DX168 stage boxes available for use anywhere in the theatre. There are Cat6 Tie Lines at locations on Stage back to the Sound Rack.

Permanent FOH PA

L & R Feed provided to a fixed install consisting of:

- 2 x NEXO PS10 (flown FOH in front of Proscenium)
- 2 x Mackie Thump 18S Active Subwoofer (1200w) (under forestage)
- 2 x Monitor (flown in grid downstage)

Playback Options

We have various methods of playback available as standard at the theatre which can process most media methods. We use a Microsoft Windows based media PC – which utilises a licenced copy of Show Cue System. This can also be linked via DMX to trigger lighting cues, or for lighting cues to trigger sound effects. We also have the following available as standard:

- Mini Disk player
- Dual CD Player
- Bluetooth media player – Klark Teknik DW 20BR

Microphone Options

Wireless	13 x Sennheiser EW300 G3 receivers 4 x Sennheiser hand-held microphones, 13 x Sennheiser beltpack transmitter
Wired	Various SM58, Instrumentation Mics, Boundary Mics
License Details	Channel 38 license for the venue (14 channels available)

Technical Comms System













Communications	4 x Wireless Altair Packs, 10 x Wired Analogue Packs,
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Scenery Information

The standard setup at the theatre is black tabs at the rear of the stage and intermediate black tabs approx. 6 feet from the front of the main stage. These are included in the Standard Hire fee. We have a White Cyclorama which is available at a small charge (see appendix B).

There are also two gauzes available (at approx. 9m wide by 4.8m high), one white, one black, which are available to hire (see appendix B). **Note that any damage sustained to backcloths or other soft hangings will be charged to the company accordingly.**

Additional backcloths may be hired by user groups as required from outside companies such as Border Studios or Proscenium but BE AWARE that many commercial cloths tend to be much larger than our stage can easily cater for. Please consult a Technical Manager before ordering cloths or scenery. We have the following cloths available for the use internally at the theatre, these are owned by local groups, there may be a small hire charge which will be detailed when enquiring about their usage.

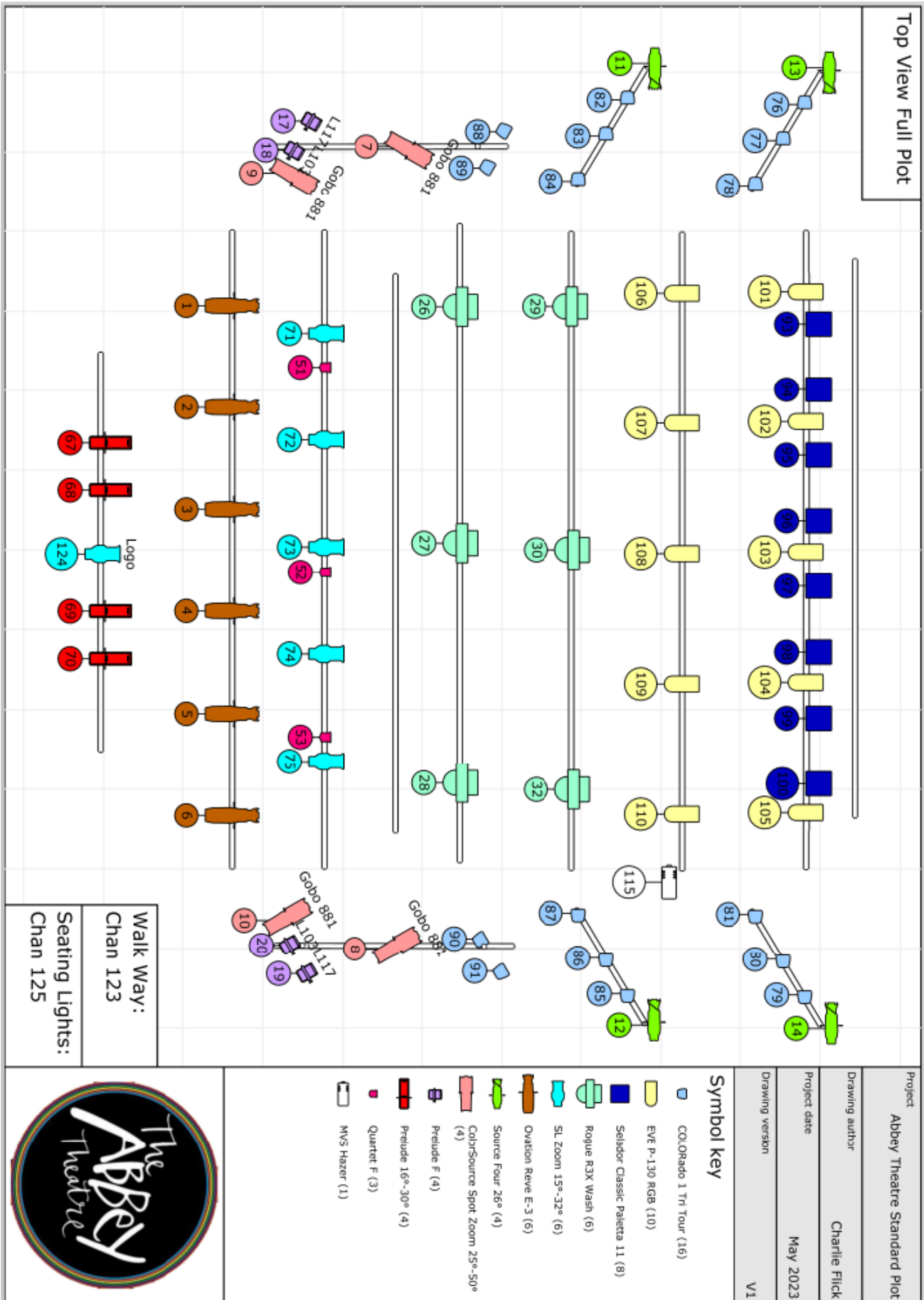
			
Arabian Market 27' 6" x 15' 8" (8.36 x 4.75m)	Ballroom 1 25' x 15' 9" (7.61 x 4.79m)	Ballroom 2 25' 2" x 15' 8" (7.63 x 4.81m)	City Skyline 24' 4" x 13' 7" (7.42 x 4.12m)
			
Cloudy Meadow 29' 6" x 15' 3" (8.93 x 4.61m)	Desert Island 29' 2" x 15' 6" (8.87 x 4.71m)	Eerie Trees 26' 8" x 16' 9" (8.12 x 5.11 m)	Giant's Chair TBA
			

<p><i>Hallway</i></p> <p>26' 10" x 16' 4" (8.09 x 4.94m)</p>	<p><i>Ice Cave</i></p> <p>29' x 15' 1" (8.87 x 4.60m)</p>	<p><i>Kitchen</i></p> <p>24' 5" x 15' 8" (7.46 x 4.75m)</p>	<p><i>Lakeside Forest</i></p> <p>24' 8" x 15' 7" (7.45 x 4.73)</p>
			
<p><i>London Docks</i></p> <p>29' 5" x 15' 8" (8.93 x 4.77m)</p>	<p><i>Pirate Ship Silhouette</i></p> <p>29' 9" x 15' 7" (9.13 x 4.66m)</p>	<p><i>Rat Hole</i></p> <p>29' 1" x 15' 6" (8.87 x 4.73m)</p>	<p><i>School Room</i></p> <p>24' 5" x 15' 8" (7.44 x 4.75m)</p>
			
<p><i>Village</i></p> <p>26' 7" x 16' 4" (8.14 x 4.95m)</p>	<p><i>Village Square</i></p> <p>27' 10" x 15' 7" (8.45 x 4.73m)</p>	<p><i>Desert Scene</i></p> <p>Approx 27' x 15' 6"</p>	

Photographs have been taken immediately after hanging with only nominal stage lighting, so colours WILL vary according to individual lighting states. Also bear in mind no weight in bottom pockets, so creases WILL hang out.

Appendixes

Appendix A - Standard Rig Plan





Technical Charges – Effective 01st September 2024

All prices exclude VAT

Our stage & auditorium hire charges includes our standard lighting rig and sound using wired microphones. We can arrange additional equipment that we do not have in stock such as Moving Profiles/Beams, additional staging etc. These can be billed directly by suppliers to user groups or billed by Nuneaton Arts with an additional 10% administration fee.

Please be aware these are Internal Hire Charges – we do allow external hire of some items at the discretion of the Technical Management team.

Lighting

ShowLED Chameleon RGB Starcloth - **£165.00 + VAT = £198.00** (per booking)

Atmospherics

LeMaitre MVS Hazer - **£14.00 + VAT = £16.80** (per booking)

Smoke Machine - **£7.00 + VAT = £8.40** (per booking)

Bubble Machine - **£7.00 + VAT = £8.40** (per booking)

Pyrotechnics – P.O.A (Please discuss your requirements with our Technical Managers **at least 30 days prior** to your event)

***All Atmospherics prices include fluid.**

Sound

Sennheiser EW300 Wireless Belt Pack / Handheld - **£22.00 + VAT = £26.40** (per booking)

***Price of hire includes batteries**

AV

Cristie LX505 Projector (Single) - **£45.00 + VAT = £54.00** (per booking)

Cristie LX505 Projector (Pair) - **£70.00 + VAT = £84.00** (per booking)

Cristie Wide Throw Projector - **£70.00 + VAT = £84.00** (per booking)

Scenic

White Cyc Cloth - **£3.75 + VAT = £4.50** (per booking)

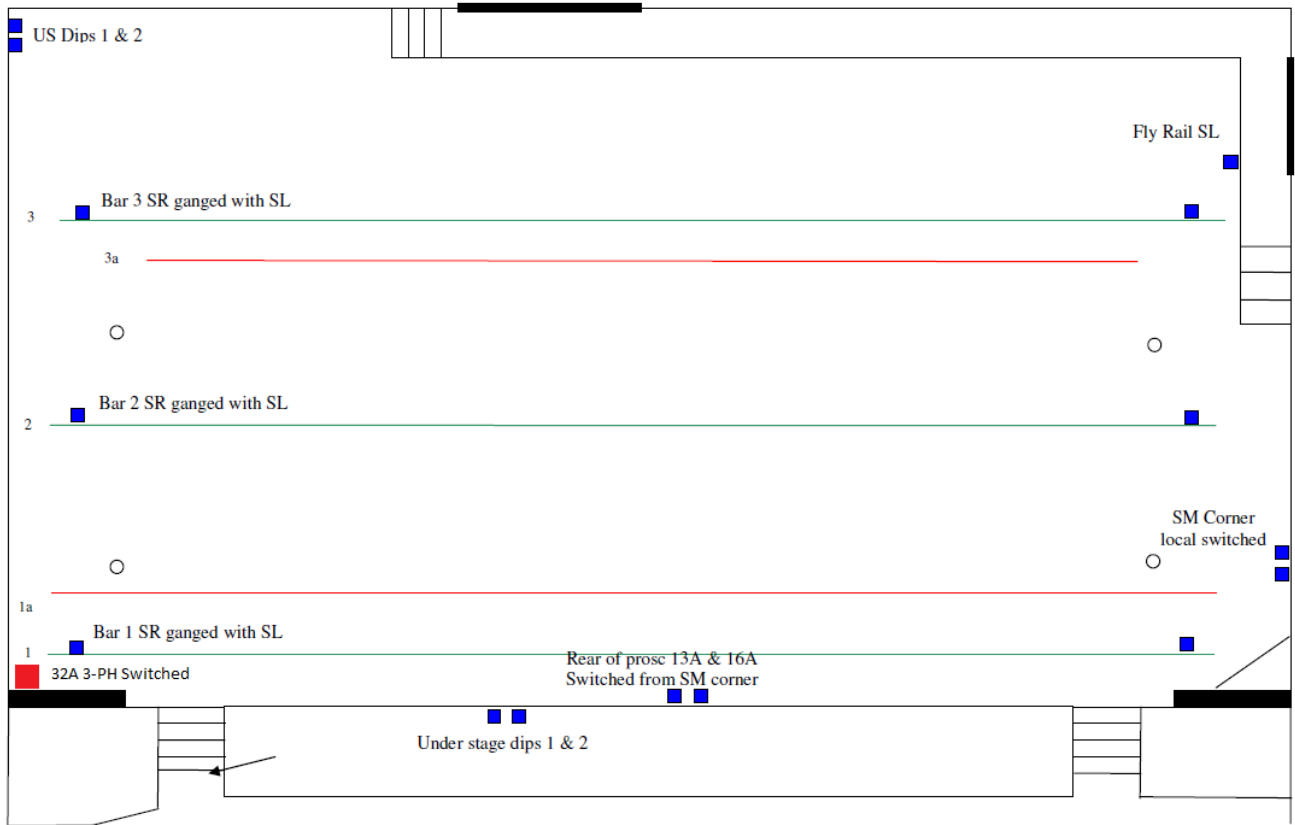
Gauze (White or Black) - **£13.50 + VAT = £16.20** (per booking)

Flint's Black Stage Paint - **£37.00 + VAT = £44.40** (per cover of stage)

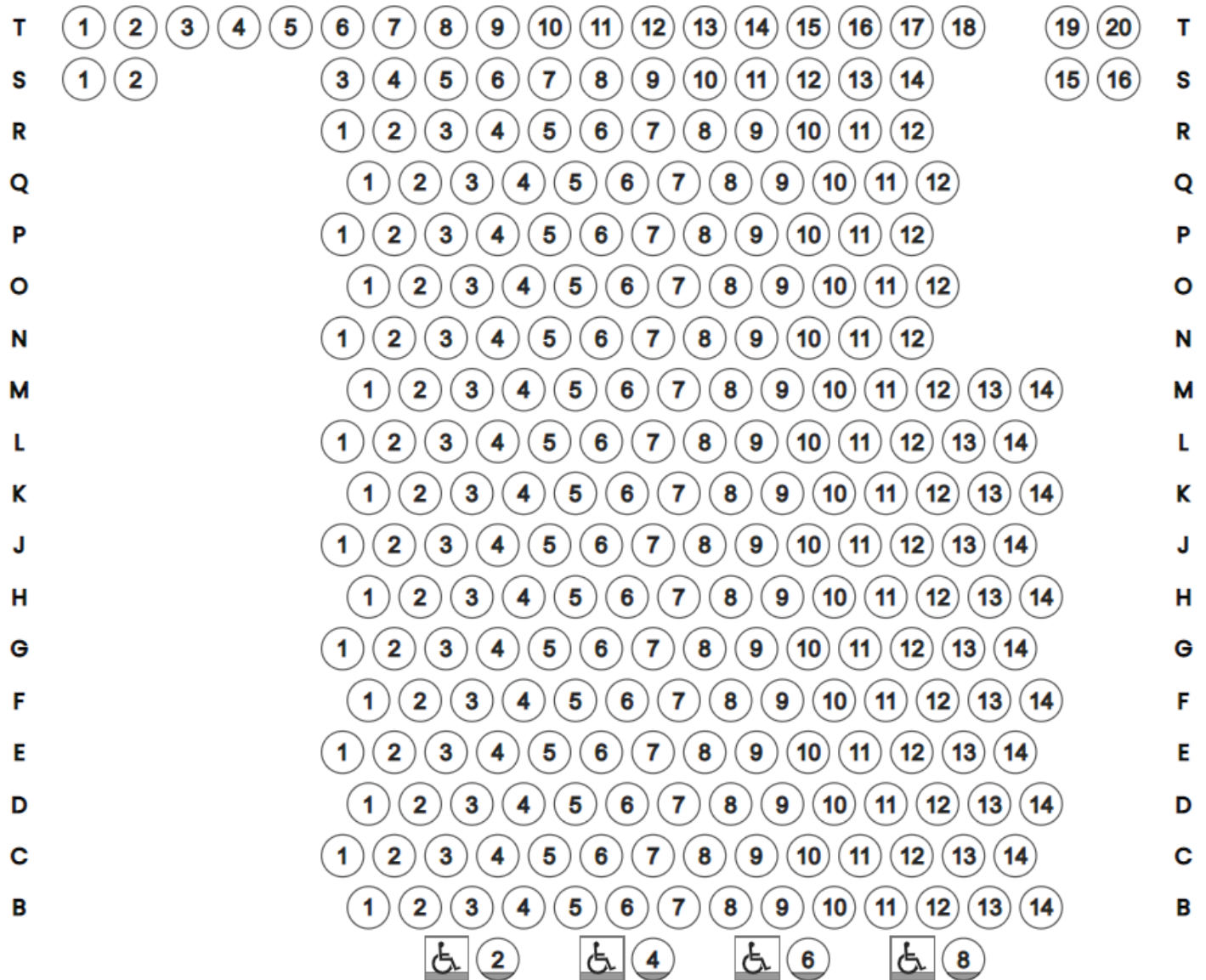
Firecheck Treatment - **£18.00 + VAT = £21.60** (per litre)

Nuneaton Arts Hard Flats - **£8.00 + VAT = £21.60** (per flat, per booking)

Appendix C – Power Distribution



Appendix D - Seating Plan



STAGE