



# Soho Theatre Walthamstow Technical Specification



*Soho Theatre Walthamstow cannot be held responsible for any costs incurred resulting in information, assumptions, or omissions from this document. It is the responsibility of the visiting company to check critical dimensions before commissioning scenery or hiring equipment. Please check the availability of inhouse equipment before planning productions.*

# Theatre

## Theatre Seating Capacity

<b>Stalls</b>	<b>674</b>
<b>Circle</b>	<b>288</b>
<b>TOTAL</b>	<b>962</b>

Seats can be removed in the following areas:

Auditorium Sound & Light position. Rows T & U	up to 33 seats
Camera positions Audience Left or Right. Rows J & K	up to 16 seats either side
Crossover in centre of Stalls. Row Q	15 seats
Camera positions Stalls Centre, Row Q & P	15 – 23 seats (23 Row Q, 8 Row P)

If you require seats to be removed or held off sale, you must notify the Technical & Production Manager (T&P) and Box Office (BO) as far in advance as possible. We may not be able to remove or hold seats once they are on sale. (See Appendix B for the Seating Plan and position of removable seats).

## Access

STW has a loading bay/service yard, accessed via Hoe St. The gate is on the left hand (south) side of the venue with a **Max Height of 3.5m** for vehicles (Luton Van). The loading dock is approximately 30m from the rear of a parked vehicle in the service yard (including a ramped section) and gives flat access to the stage at dock door level.

We cannot accommodate vehicles staying parked up after the fit up or arriving early for the get out; please call the T&P manager to discuss your needs.

### ACCESS RESTRICTIONS

Vehicle Access Gate	3500x3500
External Loading Dock Door measurements	1500 w x 2000
Loading Dock to Stage door measurements	2310 w x 2000

Please liaise with the T&P Manager on set piece height and width restrictions.

## Stage Information & Dimensions

The stage floor is flat (no rake) and finished in hardboard painted black on top of plywood.

Stage floor depth is 50mm and can be screwed into and painted as necessary but must be reinstated as part of the get out. All fixings to stage floor to be authorized by the T&P manager prior to get in. Damaged hardboard to be replaced and floor to matt black or vinyl silk (Flints Black only) at a cost to the visiting company. There is no Safety Curtain.

<b>Proscenium width</b>	<b>13570mm</b>
<b>Proscenium height</b>	<b>8390mm</b>
<b>Thrust to back wall (brick)</b>	<b>10900mm</b>
<b>Thrust to setting line (in front of house curtain)</b>	<b>4300mm</b>
<b>Setting line (behind house curtain) to back wall (brick)</b>	<b>6250mm</b>
<b>Stage Left wing space</b>	<b>13500mm<sup>2</sup></b>
<b>Stage Right wing space</b>	<b>37500mm<sup>2</sup></b>
<b>Centre Line to side wall SR</b>	<b>12650mm</b>
<b>Centre Line to side wall SL</b>	<b>9815mm</b>
<b>Proscenium to side wall SR</b>	<b>5900mm</b>
<b>Proscenium to side wall SL</b>	<b>3100mm</b>
<b>Height to underside of Technical Gallery SL</b>	<b>5300mm</b>
<b>Height to underside of Technical Gallery SR</b>	<b>5795mm</b>
<b>Height to underside of grid</b>	<b>13097mm</b>

These measurements should be read in conjunction with supplied plans to guarantee accuracy. Full copies of plans will be available on request.

## Lifting System

We have a power lifting system in the theatre, normally operated from the SL fly or SL stage level. There are **12 bars in total**:

<b>Maximum out dead (height to underside of bars)</b>	<b>12250mm</b>
<b>Fly Bar 1 to thrust</b>	<b>4680mm</b>
<b>Fly Bar 1 to back wall</b>	<b>6190mm</b>
<b>Fly Bar 12 to thrust</b>	<b>10130mm</b>
<b>Fly Bar 12 to back wall</b>	<b>790mm</b>
<b>Gap between Bars</b>	<b>440mm</b>
<b>Proscenium header pelmet full in-dead</b>	<b>6890mm</b>

SWL = 500kg on the bar

Travel = 11.5m

Drop lines = 6 x 5mm WIRE ROPE

Speed = 0.175m/second

### Access Equipment

1 x Genie AWP-20s

2x Zarge – 12 rung, 3.6m folded, 8.6m extended

2x Zarge – 6 rung, 1.9m folded, 4.1m extended

- 2x Sack/Platform Trucks, 200kg SWL
- 2x Piano Truck
- 2x Aluminum Ramps 1m x 3m, 750kg SWL

**Drapes**

- 4x pairs of Black wool serge legs: 2m x 8m
- 4x wool serge Black borders, w. conduit pocket: 14m x 1.5m
- 1x pair of Bottle Green 500gsm IFR Norland velvet half tabs. EACH: 7.85m (w) x 8.95m (d)
- 1x Cyclorama in 220gsm NDFR white cotton canvas: 14m x 8m
- 1x Pair Split black tabs. EACH: 8m x 7.5m

**Stage Management & Visiting Company**

Stage Management Desk specification

SM DESK RACK VIEW

RACKLIGHT

CLOCK AND STOPWATCH  
MODULE

BLACKMAGIC SMARTVIEW  
4K

BLACKMAGIC SMARTVIEW  
DUO

BLACKMAGIC AUDIO  
MONITOR 12G

CUESYSTEM 12 CHANNEL  
DESK

CLEARCOM HRM-4X  
REMOTE COMMS STATION

YAMAHA PGM 1  
WITH GOONECK  
MIC



RACKLIGHT COLOUR  
CONTROL

RACKLIGHT INTENSITY  
CONTROL

13A SOCKET

Cue Light System – ETC Cue system 12 way.

Communication System – Clearcom 4 channel.

Show relay (sound and video) to Dressing Rooms, Stage Door, Green Room and Technical Workshop.

Visiting Company office space can be provided BOH on the first floor Stage Left.

## Laundry & Wardrobe

There is a laundry and drying room with 9kg washer and dryer, iron, ironing boards and steamer on Ground Floor level BOH.

On request, and if company numbers allow, a room may be provided for wardrobe team for repairs and maintenance.

## Dressing Rooms

Floor	Room	Capacity	Notes
Ground Floor	Dressing Room 1	2	Accessible dressing room, toilet and Shower Alternative Principal Artist
	Laundry/Wardrobe		Washing machine, tumble dryer
First Floor	Dressing Room 2	1	Principal Artist – includes toilet, shower, day bed, massage table
	Dressing Room 3	4	Toilet, shower
	Dressing Room 4	12	Toilet, shower
	Dressing Room 5	8	Toilet, shower
<b>Total</b>		<b>27</b>	

## Green Room

A Green Room with kitchen facilities is located BOH Ground Floor. Kitchen includes microwaves, hot water point and fridge.

## Control Room

Situated in the centre of the auditorium at the rear of the Stalls. Removable window to allow 2500mm x 1200 opening for live mixing.

There is a separate room (without a direct stage view) next to the Control Room for Audio Description.

If requested, the in-auditorium sound and lighting position is in the centre of the last two rows of the stalls and requires minimum 14 seats to be removed. This must be agreed in contract.

## Lighting

The Auditorium has a house LX rig in place. This rig will give full coverage across the stage with several specials that can be refocused.

Touring Company & Outside Broadcast Lighting Power –

- SR: 6X 32Amp 2phase, 2X 32Amp 3phase, 1x 63Amp 3phase, 1x 125Amp 3phase
- SL: 4X 32Amp 2phase, 2X 32Amp 3phase, 1x 63Amp 3phase, 1x 125Amp 3phase, 1x powerlock

Lighting Control - ETC GIO @5 lighting desk.

Dimmers – 5x Zero88 Chilli Pro24 Bypass => 120 ways of dimming

Follow Spot Stock - 1x Robert Juliat Victor 1800w

Lighting Fixtures Stock:

- 12 x Coloursource Spot w/ 15/30 degree lens
- 12 x Coloursource Spot w/ Fresnel lens
- 12 x Coloursource PAR DB
- 2x Mac Era 800 Performance

## Sound

The venue has a permanent FOH rig in place, which gives full coverage across the auditorium. The control room has a desk and racks:

Mixing Desk & Racks

- Allen & Heath Avantis (96kHz, 64ch, 42 bus with:
- Dante card
- 2x 16 input / 8 output Portable Rack AB10608/240X

Front of House

- FOH JBL VTX A
- 16x JBL VTX A8 (line array)
- 4x JBL VTX B18 (subs)
- 6x JBL AC16 (front fill)

Floating Stock

- 2x JBL PRX912 foldback monitors
- 4x SM58 lead
- 2x Shure SM58 wireless
- 1x SM57 Lead
- 4x QLX receivers and transmitters

- 2x Mono Behringer DI
- 1x Stereo Radial DI

## **Comms**

- 6x Clearcomm Helix wired packs
- 1x Clearcomm rack mounted pack in prompt desk.

## **Video (Show relay to backstage)**

- 4x Panasonic AWUE 50KE model cameras fixed on the Circle Rail w/ Panasonic
- AWRP50N joystick controller (for archive filming purposes and live display only)
- 1x Marshall CV368 (night mode) fixed on the Circle Rail
- 1x BlackMagic 12x12 Video Hub (for single camera recording up to 1080p)
- SDI over Ethernet at 1080p & 50 hertz

## **Video (Projection)**

- Panasonic PTMZ 20k lumen WUXGA Projector with ET EMT750 lens (2.1-4.15:1 zoom)
- 1x Stumpfl Monoblox fast fold projection screen. 504x283 cm. Front surfaced only, legs and flying hardware.
- 2x Blackmagic Teranex HDMI-MM Fibre/MM Fibre-HDMI
- 2x HDMI over ethernet extender

## **Video (Live recording auditorium)**

### **Cameras**

- 4 × Sony Ilme FR7 Cinema Line Full-Frame PTZ Cameras

### **Lenses**

- Sigma 28–70mm
- Sigma 16–28mm
- 2 × Sigma 70–200mm

### **Microphones (audience)**

- 2 × Rode NTG4 Microphones

## **Video Recorders & Monitoring**

- 4 × Blackmagic HyperDeck Studio HD Recorders
- 2 × Blackmagic SmartView Monitors
- 1 × Blackmagic Television Studio HD8 Vision Mixer
- 1x iPad for audio control

## **Audio**

- 1 × Zoom L20R Audio Mixer
- 2 × Genelec 8010 Speakers
- 1 × Beyerdynamic DT770 Headphones

For hires to live auto-track people on stage they would need to bring a laptop and be given access to the server and control.

## **Computers and Software**

- 1x Mac Mini
- QLab 5 with Video License
- Soundtrack (Spotify playlists playable advert free.)
- MadMapper (projection mapping.)
- Modul8 (digital vision mixer.)

## **Staging and Rigging (may be in use)**

- 2x Tank Trap/Boom base.
- 2xOffset Tank Trap/Boom base
- Assorted lengths of black aluminium scaffold.
- Assorted Key Klamps
- 4x 8'x4' aluminium deck
- 1x 4'x4' aluminium deck
- 4x 50cm boom arms

## **Studios**

### **Studio 1 Seating Capacity**

TBC (100 Chairs available)

# Studio 1 Dimensions & Technical Capabilities

The studio space has a sprung floor. No painting or screw attachments are permitted. Each corner has a floor to ceiling 780mmx335mm box cupboard for cable running and storage. There is passenger lift access to both studio spaces.

<b>Width</b>	<b>13700mm</b>
<b>Depth</b>	<b>10000mm</b>
<b>Height (to ceiling)</b>	<b>4000mm</b>
<b>Height to Rigging Bars on outer edge</b>	<b>2700mm</b>
<b>Height to domestic lighting fixtures</b>	<b>3780mm</b>
<b>Double Door Measurements</b>	<b>2000mmX1800mm</b>
<b>Single Door Measurements</b>	<b>2000mmX860mm</b>

4x standard scaff rigging bars situated on all 4 walls: **SWL = 35kg per meter**

12x Truss fixing points (w/ safety line eye bolt): **SWL = 100kg per point**

Technical Equipment

- 1x SM58 corded microphone
- Yamaha analogue mixing desk.

## Studio 2 Dimensions

<b>Width</b>	<b>596mm</b>
<b>Depth</b>	<b>770mm</b>
<b>Height (to light fixtures and ducting)</b>	<b>240mm</b>

## Other Activity

Please contact the T&P Manager if your show contains or may contain:

- Performer flying
- Young performers
- Pyro
- Live Flame
- Confetti
- Partial or full nudity

## How to Find Soho Theatre Walthamstow

Arriving by Car

Sat Nav – enter the address 186 Hoe St E17 4QH. This will bring you to the front door of the venue (please note Hoe St is a No Stopping zone outside the theatre).

what.3.words Front entrance [///shuts.zips.summer](http://shuts.zips.summer)  
Stage Door [///worth.fails.pilots](http://worth.fails.pilots)

### **Arriving by Bus**

Nearest Bus Stop for Routes 34, 97, 3215, 275, 357, 675, N26 and N73

- Walthamstow Market G heading north
- Walthamstow Market J heading south

Walthamstow Central Bus Station is a 340m walk with additional routes 230, W15 and W19

### **Arriving by Train**

Walthamstow Central is located approximately 350m (5-minute walk) away from the venue which is served by London Underground and Overground services. It provides regular London Overground services to London Liverpool Street Rail Station and Chingford Rail Station.

Walthamstow Central Station also forms part of the London Underground Victoria Line, with frequent southbound services available to Brixton.

### **Parking**

There is no parking on site or public metered parking in the surrounding streets near the venue. The closest paid parking facilities are:

Walthamstow Central Station Car Park, Station Approach, Selborne Rd, London E17 7LP  
<https://www.ncp.co.uk/find-a-car-park/car-parks/walthamstow-central-station-tfl/>

Walthamstow Town Centre, The Mall Car Park, Walthamstow Sat Nav postcode: E17 7LT  
Height Restriction: 1.93m / 6ft 4in  
<https://www.themall.co.uk/walthamstow/visiting/getting-here/%C2%A0>

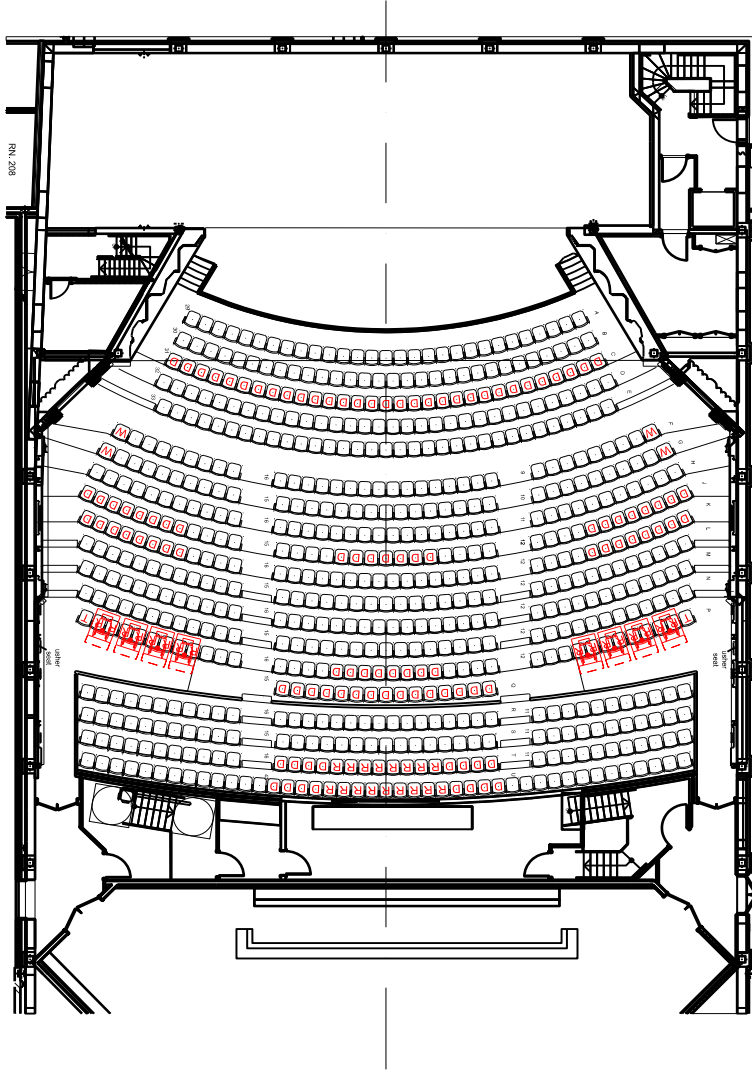
The loading bays are accessed via Hoe St, (use E17 4QH for Sat Nav. Gates are on the left hand (south) side of the building).







# Appendix A - Seating Plan and Theatre Images



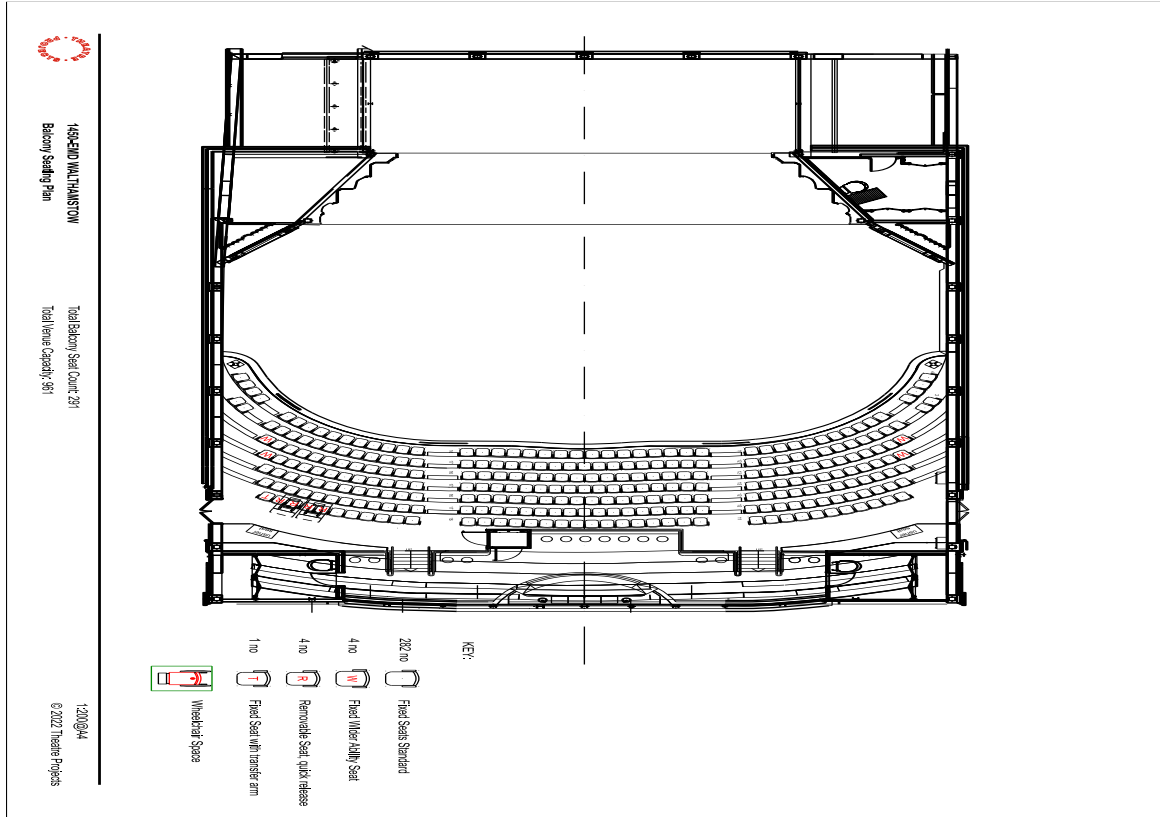
1450-EMD WALTHAMSTOW  
Stalls and Parterre Seating Plan

Total Stalls and Parterre Seat Count: 670  
Total Venue Capacity: 961



- KEY:
-  522 no Fixed Seats Standard
  -  4 no Fixed Wider Ability Seat
  -  109 no Dismountable Seat, into components
  -  33 no Removable Seat, quick release
  -  2 no Fixed Seat with transfer arm
  -  Wheelchair Space

1:2000@A4  
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Images are artists impressions only, venue subject to changes.





