

# B:Music

## **Symphony Hall, Birmingham** Specifications and Plans

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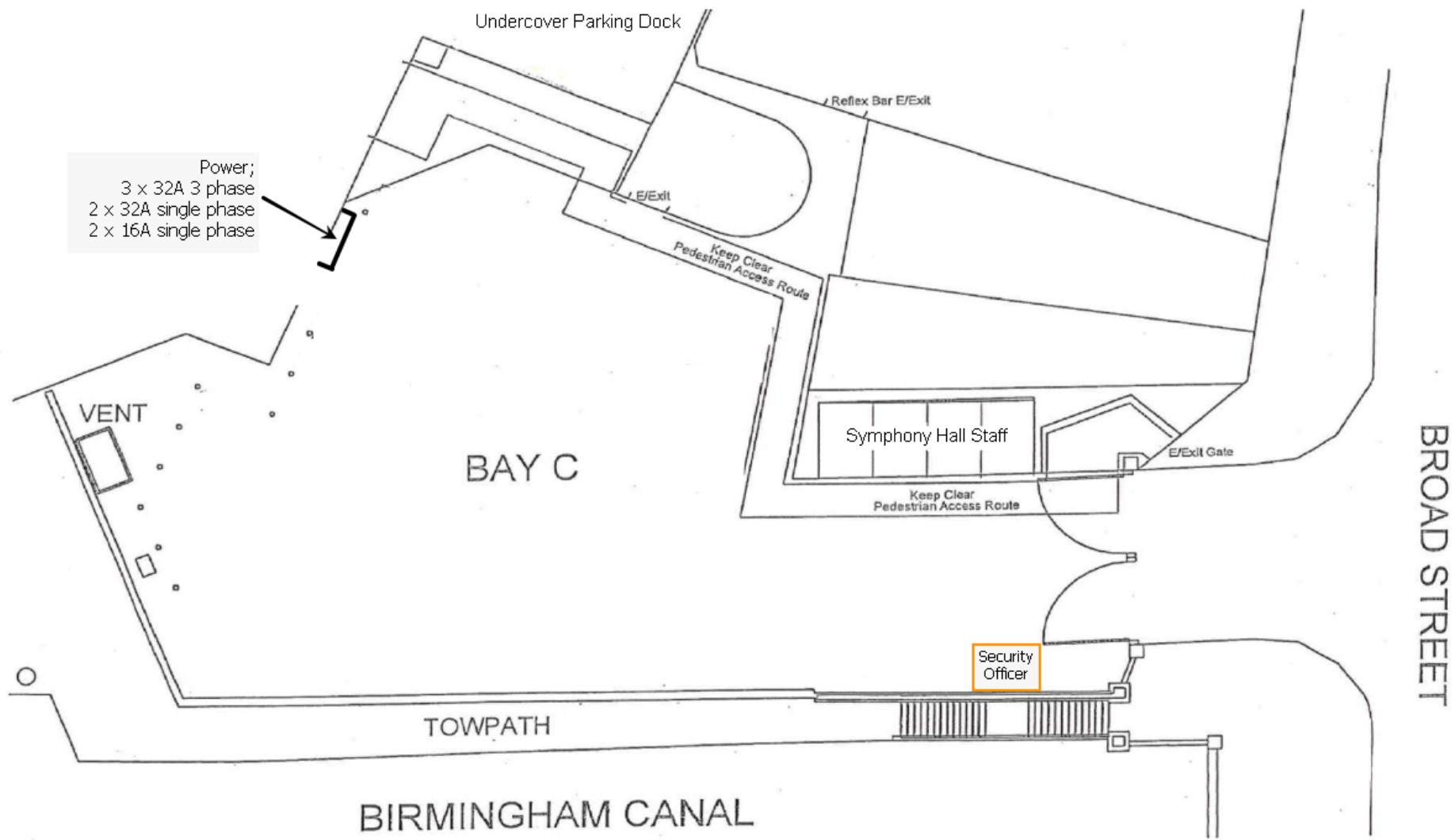
# B:Music

## Access and Parking

Event parking for Symphony Hall is located in Loading Bay C on Broad Street, B1 2DY.

Your allocated production lead will require registration plates for all vehicles that need to park, at least one working day prior to your event.

- Flat access to stage via loading door 3.3m wide and 4.0m high.
- Covered loading dock area approximately 24m long, 8m wide and 4.0m high.
- As standard, the loading bay can accommodate 3 x bus or trucks and 6 x smaller vehicles. If more space is required, please check with your production lead for availability.





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## Auditorium Seating

Fixed theatre style seating. Maximum capacity 2266 on four levels - including the choir stalls behind stage - in a classical oval concert hall configuration.

- Seating division by area is as follows:
  - Stalls and Stalls Terrace 892 (see below) plus 4 wheelchair spaces
  - Circle 332
  - Choir 234
  - Upper Circle 291
  - Grand Tier 513
- When the stage extension is in use, the stalls capacity is reduced by 120.
- When the touring mixer position is in use (centre lift and audience right of lift), the stalls terrace capacity is reduced by 23.
- When the house sound cockpit is in use, the stalls terrace capacity is reduced by 11.
- There are a further 12 demountable seats (audience left of the cockpit lift).

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## Staging, Equipment and Pianos

### Stage

- Semi-circular concert platform, 23m wide and 15m deep.
- With the stage extension raised, the depth is increased to 18m.
- Stage height is 1.2m.
- The orchestra/choir risers are on air ride castors and can be removed to create a fully flat stage – see following plans.
- Steps to/from the auditorium can be provided with no effect to the capacity.
- Photographs available on request.

### Equipment

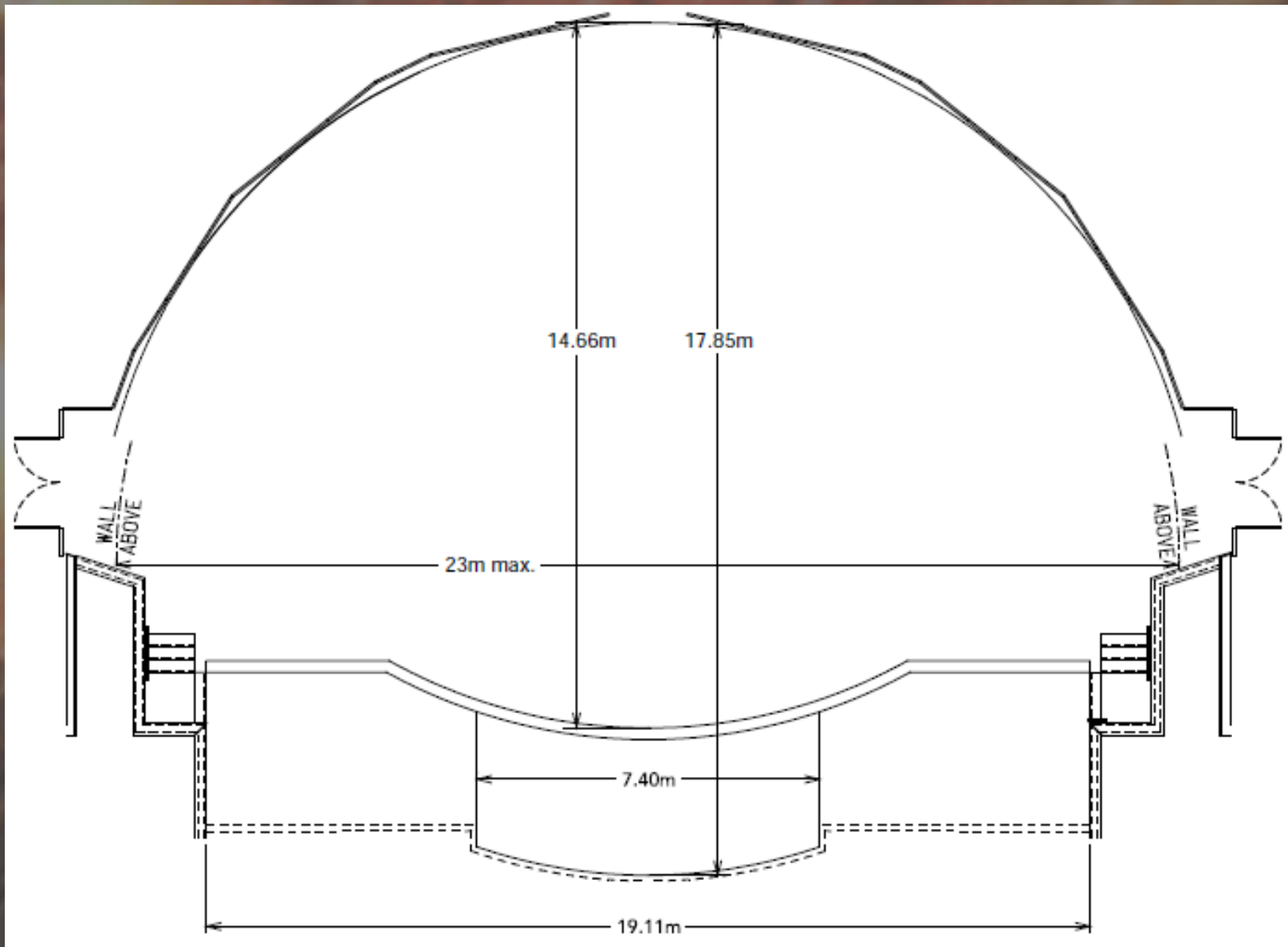
- 150 x orchestral chairs (red)
- 6 x tall chairs (red)
- 85 x music stands
- 70 x music stand lights
- Conductor's podium
- Conductor's music stand (with light if required)
- 2 x lecterns (red front)
- 6 x lite-deck sections 8' x 4' with 1' or 2' legs
- Portable PA (recharge)
- 2 x Le Maître 3004MVS Hazers (recharge)
- AV Equipment available through local hire at competitive rates

### Pianos (recharge)

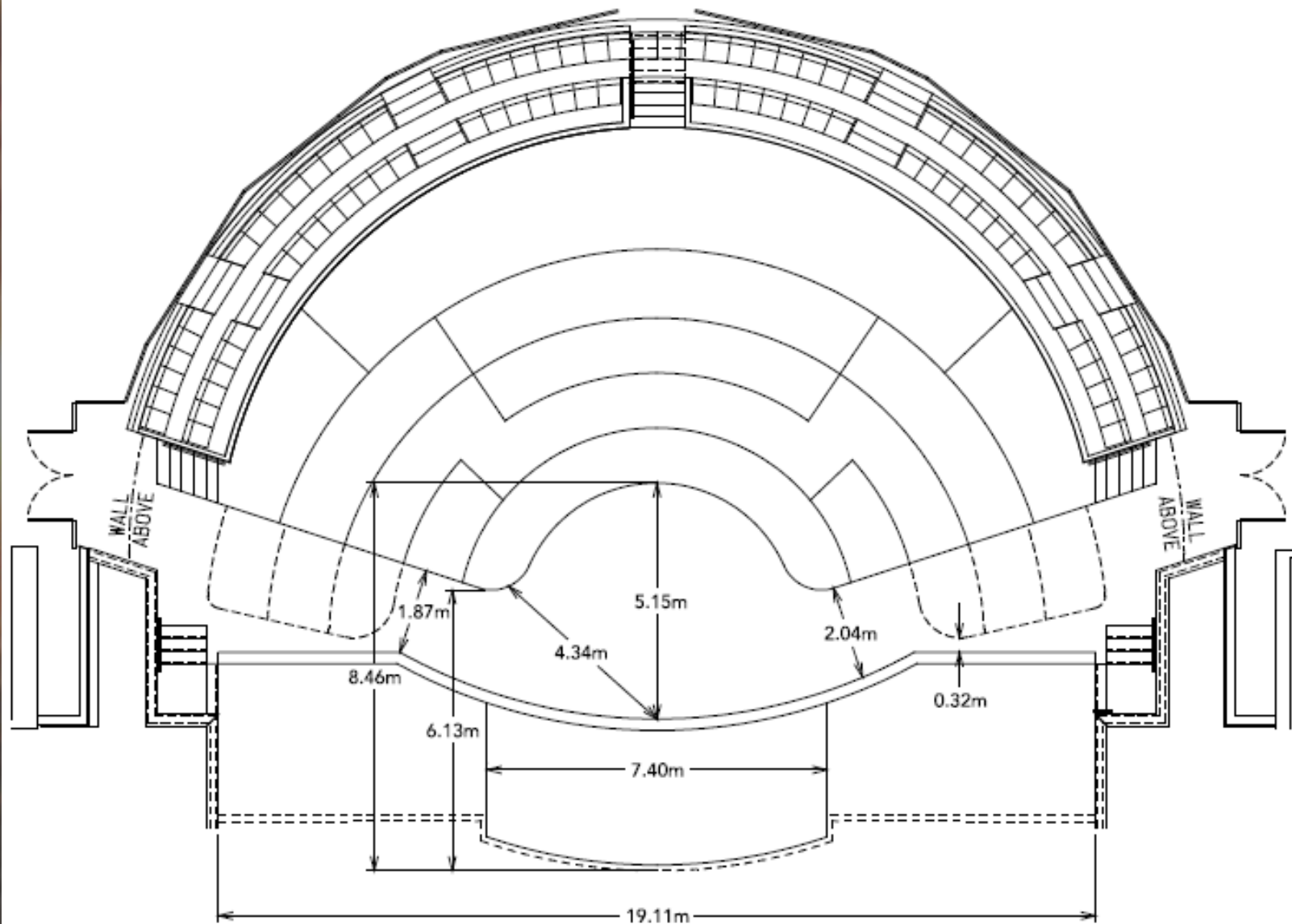
- 1 x Steinway D '363' – Concert Pianists Only
- 1 x Steinway D '220'
- 1 x Steinway D '210' – Foyer Only
- 1 x Steinway B (For Orchestral Risers)
- 1 x Yamaha CFIII
- 3 x Uprights

### Organ (recharge)

- Johannes Klais Orgelbau with 6,000+ pipes
- Main console above choir seats plus a mechanical console to allow the organ to be played from stage







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## Lighting

### House

- Tungsten lighting dimmed by area, to allow blacking out of unused sections of the auditorium.
- Pre-programmed pendant available to incoming shows to operate house lighting.

### Concert / Orchestral

Dedicated open-white permanent lighting rig mounted in the acoustic canopy and ceiling, and whilst independent of the main production lighting, it can be integrated with it.

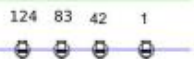
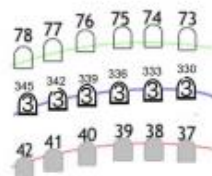
### Production

- Desk: Avolites Arena (software version 15)
- Full plan on following page and available as a PDF on request
- 2 x Juliat 2.5kW H.M.I. Follow Spot (recharge)
- The production lighting is permanently rigged at the front and back of the acoustic canopy (over stage) and within the auditorium area on all levels, plus in four roof lighting slots - one of which also houses the follow spots.
- There is a Chauvet floor package consisting of Slimpar Tri12 LED's, Colorado 1 TriTour LED Washes and Rogue 1 Spot Moving Heads available for hire (recharge).

**NB. No extra lights are to be hung from the canopy, but may be rigged in some other areas**

**NB. All venue lighting is fixed and must only be focused by a Symphony Hall technician .**

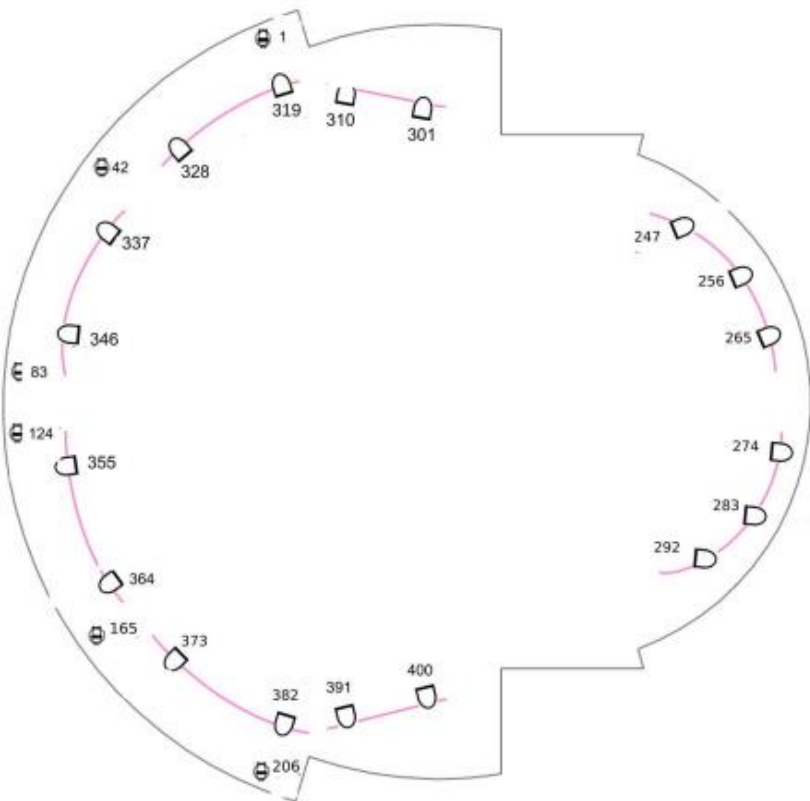




Lvl 5a

Lvl 5

Lvl 4



## Key

All generic fixtures on universe 1

S4 750W Profile

2Kw Profile

S4 Par (narrow)

S4 Par (medium)

Lvl 5 Intelligent Fixtures on Universe 2

Canopy Intelligent Fixtures on Universe 3

Colorado Tri Tour - ARC1 (3CH) (Uni 2)

Colorado Tri Tour - C.Strobe (9CH) (Uni 3)

Chauvet Maverick Silens 2 Profile (41CH)

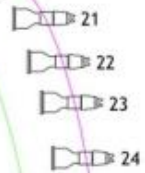
Contactors for Silens on Universe 1

Addresses 201-206, 209, 212, 215, 218

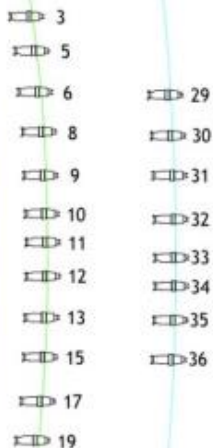
Also Available:

2x 2.5kW HMI follow spot

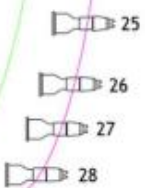
Side Slots



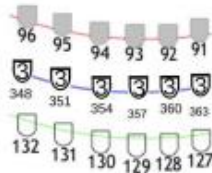
Top Slots



Top Slots



Side Slots



Lvl 4

Lvl 5

Lvl 5a

Dimmers

Edited by

A. Nankivell

20/08/2022

Not to Scale

SH SYMPHONY HALL BIRMINGHAM

TECHNICAL

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## Sound

Please note, we have no ground stacks or monitor mixer. We would **strongly** suggest that all touring shows bring their own complete PA and control systems. Our flown left and right clusters **only** (detailed below) are available at no cost to assist with upper-level coverage.

- Loudspeaker coverage is via flown loudspeaker pods in a left, centre, right configuration. (Only left and right available for loud amplification / touring shows).
- The left and right clusters comprise of 4 d&b 402 C4 tops, 3 d&b 402 C4 subs and 4 d&b max12s; giving 112dB (unweighted) at the mix position with 0dBu input.
- The centre cluster comprises of 2 d&b 602s and 4 d&b E3s and will provide speech coverage to the hall in conjunction with the left and right clusters.
- The in-hall cockpit console is a Midas M32.
- The cockpit desk can be removed on a lift to accommodate a flat space for touring equipment.
- The control room console (behind fixed glass) is a Midas M32R.
- There are XLR tie-lines around the stage, with the option of 2x 12-way stage boxes.
- Please note that there are no digital tie lines within the venue.
- A full stock list is available upon request.

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## Acoustics

- The acoustic adjustments within the auditorium are entirely by physical means and no electronics are employed.
- The acoustic canopy hangs above the platform and is fully variable in height (please note it cannot tilt).
- The acoustic canopy covers approximately 90% of the stage.
- There is a reverberation chamber, which contains a volume approximately 50% of the hall itself. The reverberation time of the hall is affected by a series of pneumatically operated doors above and around the hall, which open into these chambers.
- On certain upper wall areas, there are power-operated acoustic banners which can be lowered. On other lower wall areas, there are manually operated acoustically absorbent panels against the walls.
- All power operated units are controlled from stage left by Symphony Hall technical staff.



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## Power

**Lighting Power** (Stage Right) is 200 amp 3 phase via;

- Powerlok (the connectors are sequential and keyed to prevent connections with the wrong line. They are also colour coded to meet international 3 phase electrical standards)
- 1 x 63A 3 phase cee-form
- 1 x 32A 3 phase cee-form

**Sound Power** (Stage Left) is 200 amp 3 phase via;

- 1 x 63A 3 phase cee-form
- 1 x 32A 3 phase cee-form
- 1 x 63A single phase cee-form
- 1 x 16A single phase cee-form

**Outdoor Vehicle Power** consists of 3 x 32A 3 phase, 2 x 32A single phase and 2 x 16A single phase connections

**Get-in Dock Power** is 250 amps 3 phase, via 1 x 125A single phase and 1 x 63A single phase

**Offstage Power - Centre** consists of 1 x 63A 3 phase to the left of the loading doors and 1 x 63A 3 phase to the right

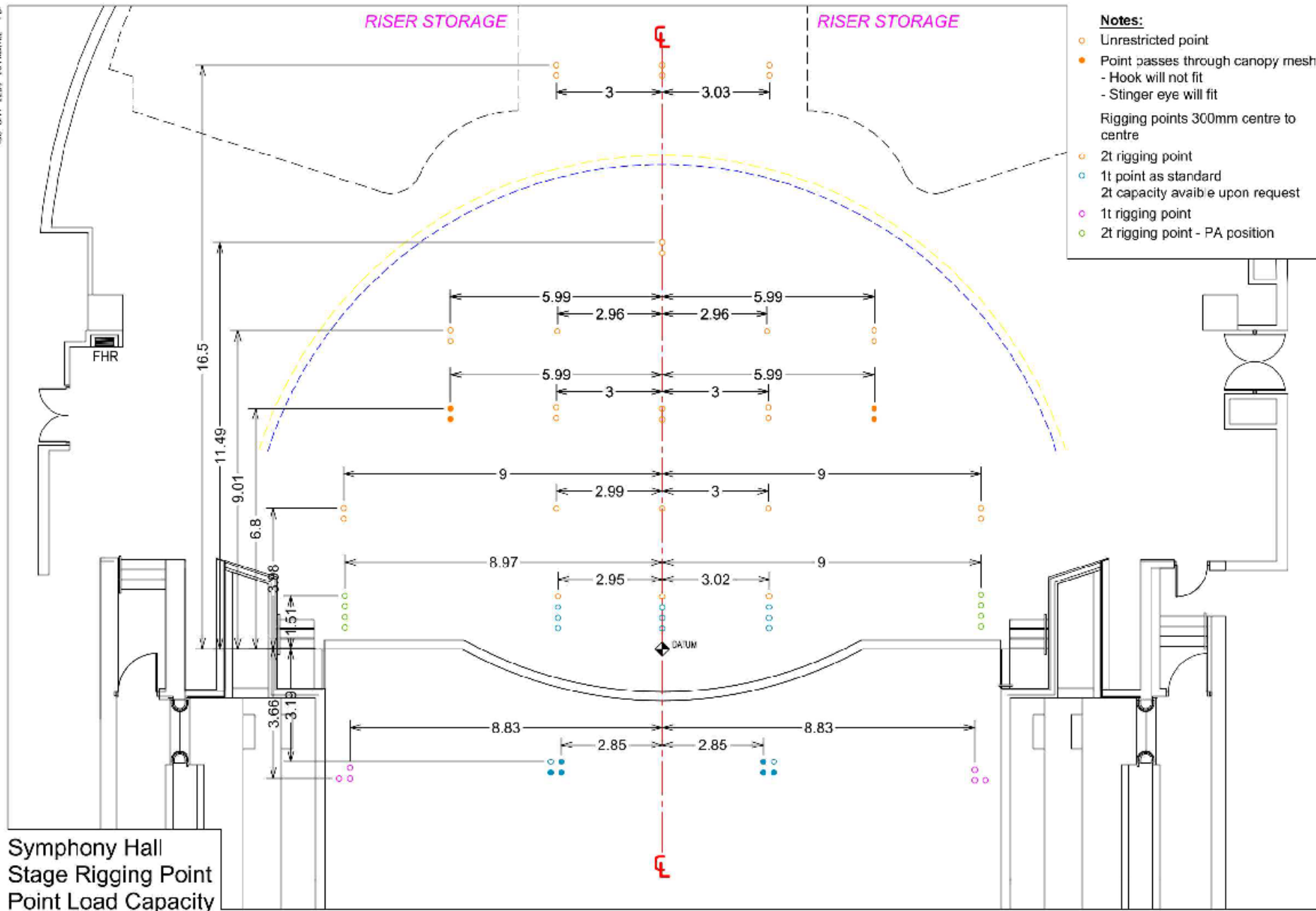
**AV Control Room Power** is 2 x 63A 3 phase and 2 x 32A single phase connections

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## Rigging and Suspension

- There are points available over the stage and stalls for hoists.
- All primary suspensions are to be rigged by Symphony Hall riggers (recharge).
- Rigging points are 23m above stage level.
- All rigging points are rated to 2tonnes.
- We can provide a quote for truss, motors and additional rigging equipment via our house rigging suppliers. Please contact your production lead for further information.
- A rigging plan can be found on the following page and is also available in .DWG and .PDF format on request.
- A curved cyclorama bar is available for masking drapes or in-house black drapes (approx. 18m height).
- A further black short black drape is available when the risers are removed, this is suspended below the choir seats to stage level.
- Ceiling height is approx. 21m above stage level.

**NB. No points are to be rigged from the canopy**





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## Health and Safety / Special Effects

### Risk Assessments

All events will need to submit a risk assessment covering all activities undertaken at our venue by members of your company. This is a mandatory legal requirement under the Management of Health and Safety at Work Regulations 1999 and it is essential that we have this information.

### Pyrotechnics

Please note that we need at least 14 days' notice for the use of pyrotechnics or other activities involving naked flames. These services need to be supplied and operated by a competent firm or individual. Our pyrotechnic policy will be sent to you upon notification of the use of pyros, this includes a form which will need to be completed and returned, along with comprehensive risk assessments and safe systems of work.

### Special Effects

- When confetti and streamers are used, there will be an additional charge for cleaning.
- Balloon and confetti drops are available at Symphony Hall. Please speak with your production lead for details.
- Laser use must be accompanied by full RAMS. All pyrotechnic and laser use may be subject to a venue inspection cost.

### Noise Limits

Symphony Hall follow the HSE guidelines for noise limits in the auditorium. A set of guidelines for these can be obtained from your production lead. B:Music staff will monitor decibel levels on any given event and if the limits are met, pushed or exceeded – the FOH engineer on duty will be asked to reduce levels accordingly.

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## Backstage Facilities and Catering

### Dressing Rooms / Touring Office

- Above stage: Visiting conductor's suite / star dressing room with en suite, upright piano and fridge (No.1)  
3 x artist dressing rooms with en suites, upright pianos (excl.no.2) and fridges (Nos.2/3/4)
- Stage level: Fully accessible dressing room with en suite and fridge (No.5)
- Below stage: 4 x orchestra / band rooms capable of accommodating up to 120 musicians in total  
Separate toilet and shower blocks available on this level
- A coded office is available above stage level with hard-wired internet, desks, show relay and a fridge

### Kitchen

The Symphony Hall Kitchen (recharge) is fully equipped with the following items;

- Three door under counter refrigerated prep bench
- Single door upright refrigerator
- Foster ice machine with 130 kg storage capacity bin
- 2 x Eloma Combi-Steamer Multimax 10 grid ovens
- Falcon electric boiling table with two rectangular and two fast heating circular hotplates
- Falcon electric grill
- Sanyo 1900 W commercial microwave
- Maida Halcyon mini-rack plate wash, with pre-wash sink and spray arm
- Preparation / work surfaces
- Preparation sink
- 2 x mobile preparation benches

A separate dining space is available in our Artist's Bar side of stage, or – dependent on availability - in Hall 6 of the ICC.



# B:Music

## Security and Staffing

- The following technical staff are *usually* included within the rental;
  - Stage Manager
  - Assistant Stage Manager
  - Lighting Technician
- A Sound Technician (if required) and any additional staffing may be subject to a recharge

### Vehicle Searches

In line with CTU (Counter Terrorism Unit) recommendations, Symphony Hall operate random vehicle checks, as managed and coordinated by the venue security officers. B:Music are not permitting exemptions in respect to vehicle types and/or functions, nor whether said vehicles are privately owned. Whilst the specific search procedure will not be identified, our clients and visiting personnel can be assured the searches are conducted in accordance with agreed protocols and to the highest standards and all searches conducted have accompanying paperwork to aid audit and compliance.

### Venue Security

Upon request, we can book SIA licensed security staff for multiple elements of your event. This can include – but is not limited to – in hall security, dressing room cover, close protection personnel, meet and greet / VIP assistance and overnight cover for the auditorium or parking bay.



# B:Music

## Contacts

### **Production and Technical**

production@bmusic.co.uk

**Kat Wheller**, Head of Production & Technical  
0121 289 6217 / 07779288327 / kat.wheller@bmusic.co.uk

**Sarah Taylor**, Production Coordinator  
0121 289 6251 / sarah.taylor@bmusic.co.uk

**Des Hall**, Production Coordinator  
0121 289 6253 / des.hall@bmusic.co.uk

**Dave Casswell**, Production Coordinator  
0121 289 6252 / david.casswell@bmusic.co.uk

**Jake Parsons**, Production Coordinator  
0121 289 6284 / jake.parsons@bmusic.co.uk

### **Programming and Finance**

programming@bmusic.co.uk

**Chris Proctor**, Head of Programme  
0121 289 6209 / chris.proctor@bmusic.co.uk

**Sally Rea Morris**, Contemporary Programme Producer  
0121 289 6209 / sallyrea.morris@bmusic.co.uk

**Aaron Carmichael**, Programme and Events Assistant  
0121 289 6209 / aaron.carmichael@bmusic.co.uk

**Nicole Evans**, Director of Commercial Services  
0121 289 6205 / nicole.evans@bmusic.co.uk

**Finance Department**, Settlement Queries  
event.accounts@bmusic.co.uk

*Please ask your Production Lead or Venue Contact for a list of recharges if required.*