THE KENTON
HENLEY-ON-THAMES

The Kenton Technical Specification

Updated Oct 2026

For further information, contact the technical manager on technical@thekenton.org.uk

Dimensions

- Stage
  - 5.49m Deep
  - 7.62m Wide (Prosarch)
  - 4.57m High (Prosarch)
- Height to grid: 10.15m
- Prosarch
  - 7.62m Wide
  - 4.57m High
- Wings
  - 2.13m SR (From prosarch)
  - 2.00m SL (From prosarch)

Seating

- Auditorium: 240
  - Stalls: 185
    - +1 Wheelchair space.
    - Row A & B can be removed to create more room for wheelchairs if known before putting on sale.
  - Balcony:
    - 55: Full
    - 49: With sound desk in auditorium

Dressing Rooms

- Dressing Room 1 Capacity: 15
- Dressing Room 2: Technical office Space, if needed please arrange with technical manager.
- Dressing Room 3 Capacity: 25
- Dressing Room 4 Capacity: 8
- Total: 48 (children)

Treads

- Treads installed as default
- Tread covers available or can be removed (though PA subs live under these)

Extension

The stage can be extended by 0.76m at the centre. This must be arranged in advance and incurs a charge. This also removes row A.

Flying – Over Stage

- 4x ~8m LX bars 150kg SWL
- 14x ~8m Hemp bars 75kg SWL
    - 1x Red Travellers installed (mid stage)
    - 1x Black Travellers installed (rear stage)
    - 12x Empty bars

House Tabs

- 1x Red tabs with manual winch position SR behind prosarch.

Orchestra Pit

Different layouts need to be communicated in advance to ensure they are available. Various costs apply, speak to technical manager for more information.

- Layouts
    - Fully Covered
    - Half moon installed in centre
    - Panels individually can be removed
- 12x Chairs
- 12x Rat Music Stands
- 240v Mains power sockets in pit
- Analogue XLR stagebox including returns to techbox position.

Sound

- 1x Allen & Heath QU24
- 2x NEXO PS 15 Speakers
- 2x B&C 12TBX100 12” Subs in custom cabs
- 3x Dynacord AXM12A monitors
- 1x RCF ART 312-A (Normally used as monitor)
- 4x Shure SM58 Microphones
- 1x Shure SM58 Beta
- 2x BSS AR-133 Active DI Boxes
- 1x Sennheiser E600 Drum mic Set
- 2x Sennhieser E906
- 1x Shure SM57

- Various XLR cables
- Hearing loop installled and enabled by default. Ask to be switched off for guitar amps
- Analogue stageboxes between techbox and stage left, stage right and orchestra pit.
- Handheld or lapel radio mics available on request, speak to technical manager about costs.

Comms

- Techpro ring intercom with 4x packs

Lighting

Our lighting system is currently temporary whilst the installed system is repaired. It consists of…

- 6x Elumen8 Virtuoso 2500 Fresnel Hex lights creating a 6x zone wash (3 downstage and 3 upstage).
- 2x Eleumen8 Virtuoso 700 Cyc Hex lights on LX4 to light the white wall that can be used as a cyclorama.
- 3x Zero88 Beta Pack dimmers with SOCA cables running to FOH2 and spare cables to run elsewhere.
- 1x ETC Element desk (1 universe)
- 5pin DMX output on stage
- Lighting Bars
    - FOH2 (Over balcony)
        - 6x Strand prelude profiles 15/30
    - FOH1 (Over front row)
        - 3x Elumen8 Virtuoso 2500 Fresnel Hex Lights
        - 1x Projector
    - LX1
        - 3x Elumen8 Virtuoso 2500 Fresnel Hex Lights
    - LX2
        - Empty
    - LX3
        - Empty
    - LX4
        - 2x Elumen8 Virtuoso 700 Cyc Hex
    - Booms
        - Empty

Video

Video consists of a NEC P605UL projector (6000ANSI Lumens) rigged on FOH1 that can fill 80% of the back wall. It has a AV Access HDMI over IP receiver on it that is connected to a switch in the orchestra pit and a AV Access HDMI over IP transmitter that can connect. The transmitter is normally in the tech box but it can be positioned anywhere in the theatre as it has a 30m cable.

Power

Currently the 32a/3 (stage) and the 32a/1 (techbox) is in use for lighting. If you wish to use this as well, contact the technical manager for advice.

- On stage
    - 32a/3 USL
    - 16a/1 USL
    - 13a x2 DSL & DSR
- In techbox
    - 32a/1

Access Equipment

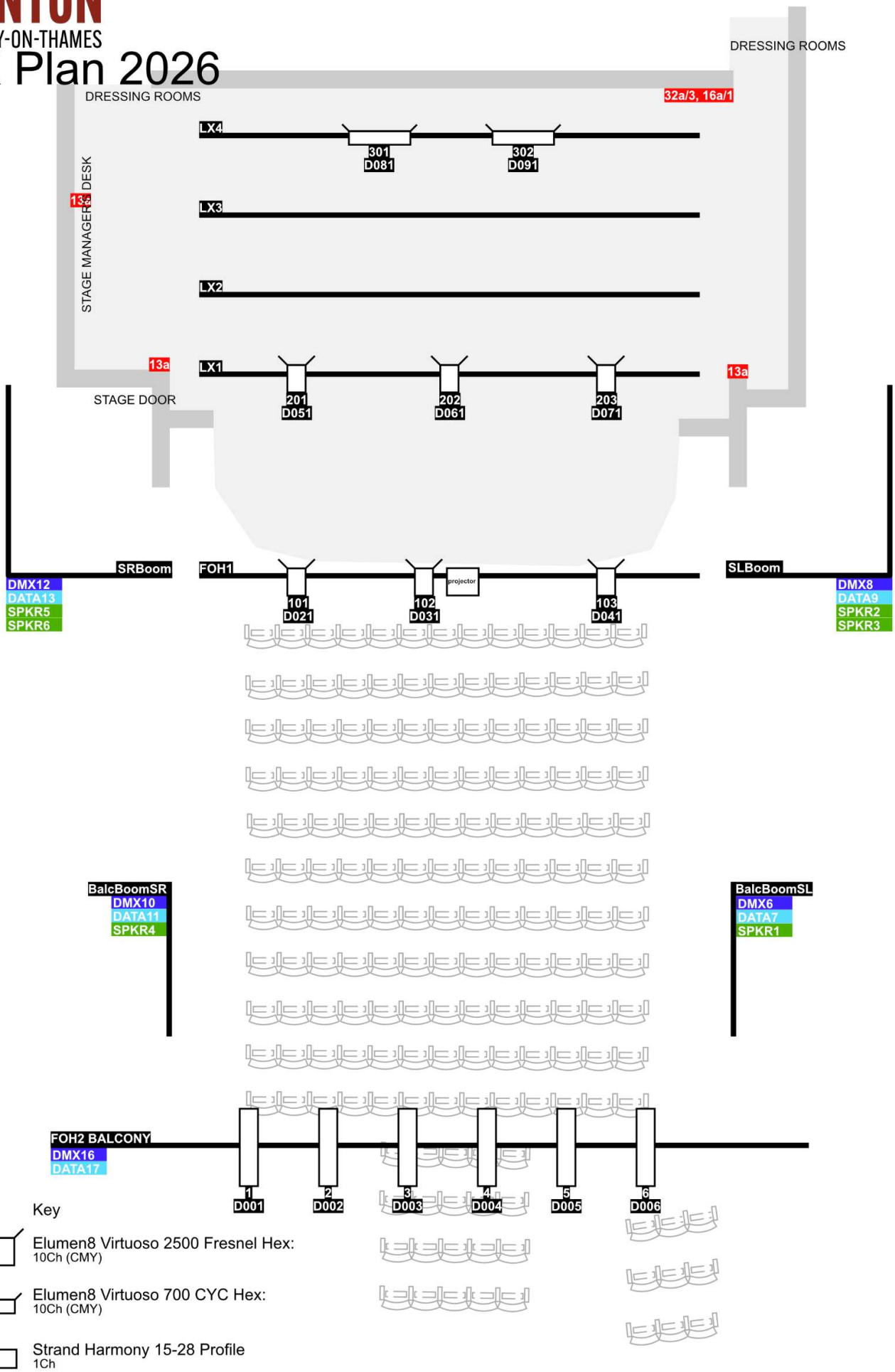
- 1x 36 rung Zarges ladder
- 1x 24 rung Zarges ladder
- Grid access needs to be pre-approved by the technical manager and with suitable PLI for heights of 10m. Fall arrest training certificates must be presented in advance.

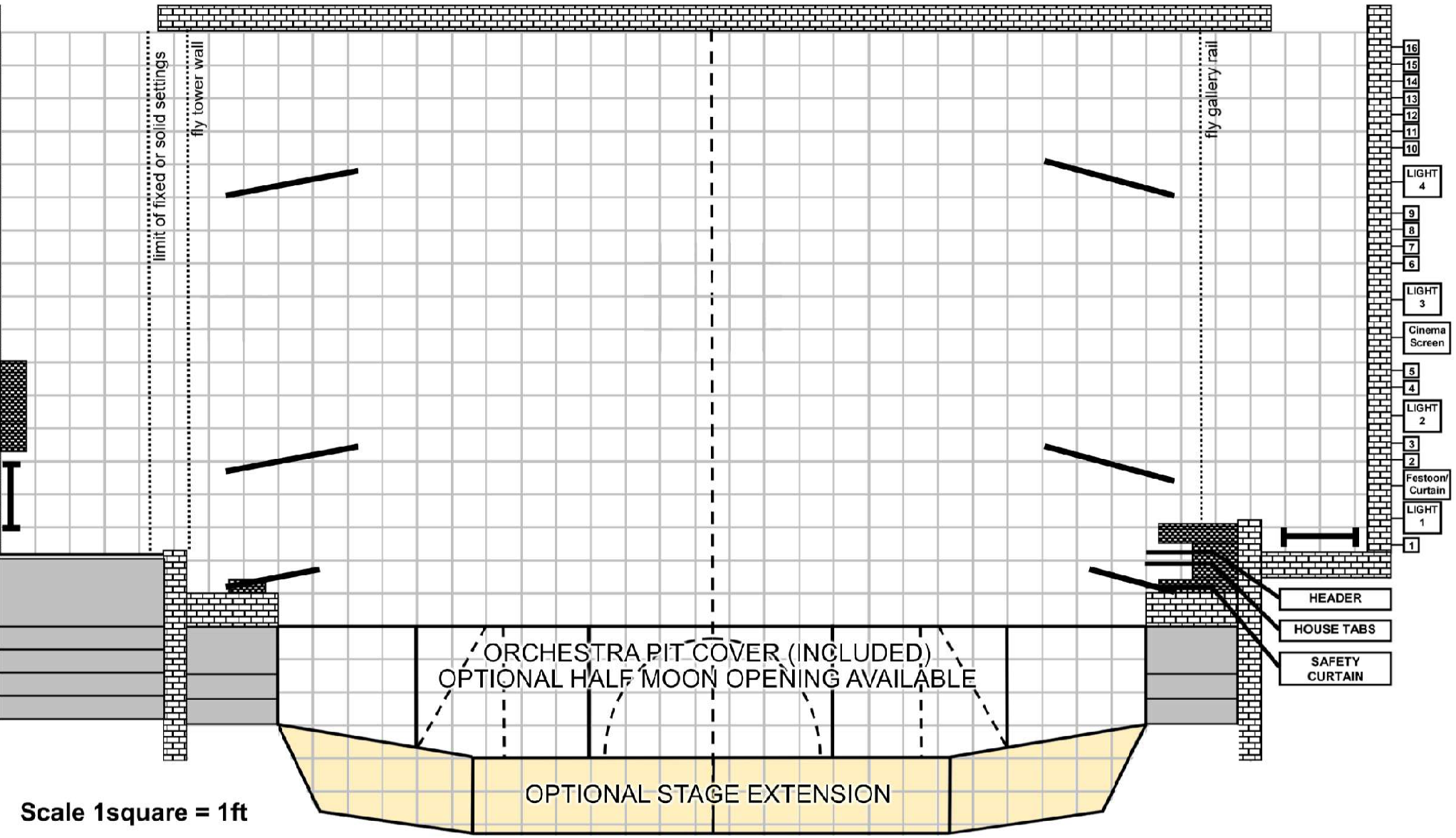
Health And Safety

- Bring own suitable PPE suitable for purpose.
- All flammable items must be fire treated
- If using any sort of naked flames, a risk assessment must be carried out, approved in advance and may require a fire marshal.
- Pyrotechnics are allowed, but only when risk assessment has been sent in advance and approved.
- No smoking or vaping anywhere on site. Please use under the awning.

THE KENTON
HENLEY-ON-THAMES

LX Plan 2026




limit of fixed or solid settings
fly tower wall
fly gallery rail
16
15
14
13
12
11
10
LIGHT 4
9
8
7
6
LIGHT 3
Cinema Screen
5
4
LIGHT 2
3
2
Festoon/ Curtain
LIGHT 1
1
HEADER
HOUSE TABS
SAFETY CURTAIN
ORCHESTRA PIT COVER (INCLUDED)
OPTIONAL HALF MOON OPENING AVAILABLE
OPTIONAL STAGE EXTENSION
Scale 1square = 1ft