

Mary Immaculate Collage. Limerick.

V94 4D85

(061) 953 400

TECHNICAL SPECIFICATIONS

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Overview

Staff

Executive Director	**Louise Donlon**	**louise@limetreetheatre.ie**
Creative Producer	**Sarah Lynch**	**sarah@limetreetheatre.ie**
Marketing Manager	**Gill Fenton**	**gillian@limetreetheatre.ie**
Marketing Executive	**Heather Canfield**	**heather@limetreetheatre.ie**
Box Office Manager	**Sharon Kiely**	**sharon@limetreetheatre.ie**
Technical Manager	**Nick Anton**	**nick@limetreetheatre.ie**
Stage Techncian	**Roisin King**	**roisin@limetreetheatre.ie**



Seating Capacity

510 seat (4 disabled positions) raked auditorium across 3 levels.
6 audience entrance / exit doors.

The front row may be removed to facilitate orchestras.

Stage and Access

Get in is via a cargo lift from ground level loading bay to stage level, the get in door is situated on the stage right side of the stage.

The cargo lift is 5.77m wide 2.40m deep and 3m high with 1.5m headroom at the stage level.

S.W.L 5000KG. Parking is available for a van or truck outside the cargo lift.

Standard access times for get in and fit up are 10am to 10pm, any use outside these hours (if possible and agreed in advance) will incur and extra charge.

We share the space with the college and so access on Mondays and Tuesdays may be limited to 11am to 10pm, please check with the Technical Manager before arranging any schedules.

Stage Specifications

The stage is a ply sprung floor with a hardwood ply skin painted matt black, **there is an apron which may be removed at an additional cost for removal and replacement.** You may screw into the floor with approval from the technical manager. We have a stock of braces and stage weights. See masking and drapes.

We have 4 steel deck 8x4 with an 80mm ply top. Assorted leg height. Please contact the technical manager for further details.

- Stage height from auditorium floor 1.1m
- Proscenium opening 10m
- Proscenium Height 5.95m
- Depth of setting line from back wall 9.5m
- Tension wire Grid height 9m
- Fly Bar top dead 8.5m
- Fly bar length 11.m
- Fly bar diameter 48mm od
- Stage right wing dimensions 3m wide x 9.2m deep
- Stage left wing dimensions 3m wide x 9.2m deep.

Fly’s & FOH.

Front of house 30cm box truss for P.A. immediately in front of the false proscenium flown on two Loadguard BGV C1 500kg hoist. U.D.L.1000kg. Point load 500kg

6 motorized dual speed bars normally containing 3 internally wired bars with 16amp sockets and 1 x set of traverse tabs. SWL. 500KG.

21 manual hemp sets with a 100kg SWL.

Fly Bars.

Number	Purpose	Type	S.W.L
N/A	Loudspeaker truss	Motorized	1000kg
N/A	Blue house border	Dead hung	N/a
N/A	Blue house tabs	Dead hung	N/a
N/A	False proscenium	Dead hung	N/a
1	Black border	Manual hemp set	100kg
H1	Lx.1 with I.W.B	Motorized set	500kg
2	Wind up rear projection screen	Hand winch	200kg
3	Empty	Manual hemp set	100kg
4	Empty	Manual hemp set	100kg
5	Empty	Manual hemp set	100kg
6	Black border	Manual hemp set	100kg
H2	Lx.2 with I.W.B	Motorized set	500kg
7	Empty	Manual hemp set	100kg
8	Empty	Manual hemp set	100kg
9	Empty	Manual hemp set	100kg
10	Black border	Manual hemp set	100kg
H3	Lx 3 with I.W.B	Motorized set	500kg
11	Empty	Manual hemp set	100kg
12	Empty	Manual hemp set	100kg
H4	Lx 4 with I.W.B	Motorized set	500kg
13	Empty	Manual hemp set	100kg
14	Black border	Manual hemp set	100kg
H5	Lx 5 with I.W.B	Motorized set	500kg
15	Empty	Manual hemp set	100kg
16	Empty	Manual hemp set	100kg
17	Empty	Manual hemp set	100kg
18	Black border	Manual hemp set	100kg
H6	Traverse tabs.	Motorized set	500kg
19	Empty	Manual hemp set	100kg
20	Empty	Manual hemp set	100kg
21	Empty. This bar has a limited height of 6m.	Manual hemp set	100kg

Fly’s

- Motorized set control from gantry or onstage pickle.
- Hemp sets operated from the stage left side of gantry.
- 12 x Loadguard BGV C1 500kg hoists on three up down beams on beam trollies in groups of four to a beam.
- 2 x 11m lengths of ladder truss available rigged on chain hoists.
- 6-way guardian motor controller situated in the gantry.
- See hanging plot. For positions and additional rigging points
- Wrap around gantry 3 sides.
- Tension wire grid for access to position motors 13.15m x 13.15m

Masking & Drapes

Midnight blue velour house tab and pelmet	6m x 7.5m
1 x pair of black wool serge curtains pleated	6m x 7.5m
8 x black wool serge legs on swivels pleated	2m x 5.9m
8 x black wool serge legs on tracks pleated	1.5m x 6m
5 x black wool serge borders. Not pleated	11m x 2m
1 x white cyclorama	11m x 7.5m
Assorted braces and stage weights	
Assorted lengths of conduit	

Access equipment.

- 1 x Zarges ladder max working height 6.5m
- 1 x Genie GR20 vertical hoist. Working height 8m s.w.l 150kg Please note a valid MEWP ticket is necessary to operate the Genie.
- 2 x small A-Frame ladder.

Lighting

Control

ETC ION XE 20 with Touch screen.

Lighting facility panels with dimming power, non-dim relays, hot power, dmx and data to the following locations.

- Control room
- Front of house bridges. 1 and 2.
- Mid auditorium boom left and right.
- Proscenium boom left and right.
- Stage floor downstage left and right and upstage left and right.
- Fly floor left and right.

Dimming

- ETC sensor dimmers. 150 dimmable circuits
- 36 ways front of house gantries
- Maximum of 106 onstage including floor patches
- 4 at each mid auditorium boom.
- 38 non dim relay dmx circuits located throughout the stage and auditorium
- 25 x 20amp independent circuits at various points around the stage and auditorium with a manual switch beside each circuit.

Mains supplies.

- Lighting power. 2 X 63amp 3phase sockets located stage right at stage level
- Sound power 1 x 32A single phase stage right at stage level.
- Rigging power 1 x 63A 220/315v 3 phase located in the stage right gantry.

Lantern stock

6 x	Source 4 19º	750W
16 x	Source 4 26º	750W
6 x	Source 4 36º	750W
15 x	Source 4 15/30º	750W
10 x	Source 4 25/50º	750W
24x	Selecon Rama Fresnel	1200W
8x	Selecon Arena PC	2000W
36x	Thomas Par 64	1000W
6x	Selecon Lui 4-way cyc floods	1000W
2x	Robert Juliat Topaze Follow spot	1200W
8x	Prolights Studiocob FC LED.	

Accessories & cable.

- 3 x iris for source 4
- 6 x gobo holder for source4
- 6 x top hat for source4
- 30 x Doughty boom arms
- 6 x Doughty Boom base and assorted scaff.
- 1 x Unique hazer
- 12 x 6 way I.W.Bs
- 6 x 5m multicore
- 6 x 12m multicore
- 6 x 16m multicore
- 6 x 20m multicore.
- 10 x fan in 16A
- 10 x fan out 16A
- 6 x 4 way socket boxes (for cyc floods)
- 20 x 3m 16A mains cable
- 20 x 10m 16A mains cable
- 20 x 3way 16A splitter
- Assorted 5 pin Dmx

Sound

Control

Midas M32 live digital console (booth & auditorium mix positions) usually situated in control booth

Speaker system

- 1 x D&B Q7 stage right on s/r proscenium lighting boom
- 2 x D&B Q7 on FOH truss 1x left 1x right.
- 1 x D&B Q7 stage left on s/l proscenium lighting boom.
- 2 x D&B Q7 Delays hung from FOH 2
- 2 x D&B QSUB on the floor in front of the stage.
- 3 x D&B E0 front fills
- 4 x D&B E12 monitors.

Microphones

- 6 x Shure SM58-LC
- 4 x Shure SM57-LC
- 4 x Shure Beta 91-A
- 4 x Shure PG81
- 1 x Shure DMH57-52 Drum mic set.

Ancillaries and cable

- 6 x BSS AR133 Di box
- 10 x K&N tall boom mic stands
- 6 x K&N short boom mic stands
- Assorted mic cable 3m – 15m
- Assorted multicore for patching into our audio system

Touring

We are happy for touring companies to use our system and equipment.
The front of house mix position is located at the back of the auditorium with easy access to our full audio patch system.

Q-Lites

The theatre operates a totally patchable GDS Cuelight system, with 12 remote outstations and further fixed outstations located at each auditorium door.

Comms

The theatre operates a dual circuit Canford system capable of handling up to 12 outstations. We have 10 headsets and belt packs which can be patched to most areas in the stage and auditorium as well as comms built into the stage management desk.

Prompt desk.

The stage management desk has a full cue light system and paging facility to front of house, back of house and bar bells. The desk can be situated in the following areas. Stage right wing, stage left wing or control room.
There is a paging station located in the control room.

Hearing Assistance

The theatre operates a Sennheiser IR system for use with dedicated headsets and neck loops. This is connected to the show relay system.
We have 12 headsets and 5 loop sets.

WiFi.

Access to the WI network is available on request from the Technical Manager.

Backstage Facilities

Access to the backstage area and dressing rooms is via a door located in the foyer. This door is accessed with a swipe card. This door is controlled by Lime Tree and Security staff.
There are two dressing rooms and one green room.
There is a shower and hand basin in each dressing room.
There is a show relay video monitor and loudspeaker in both dressing rooms and the green room
Toilet facilities are located outside dressing room 1. and the green room.
Both toilets are wheelchair accessible
Tea and coffee facilities are available in the Green room
There is a fridge, microwave, and kitchen sink in the Green Room.

Laundry facilities

There is a 7kg washer and a 9kg condenser drier located in the green room.

There is an Iron and ironing board located in the Green room.

Costume rails are built into each dressing room.

Crew

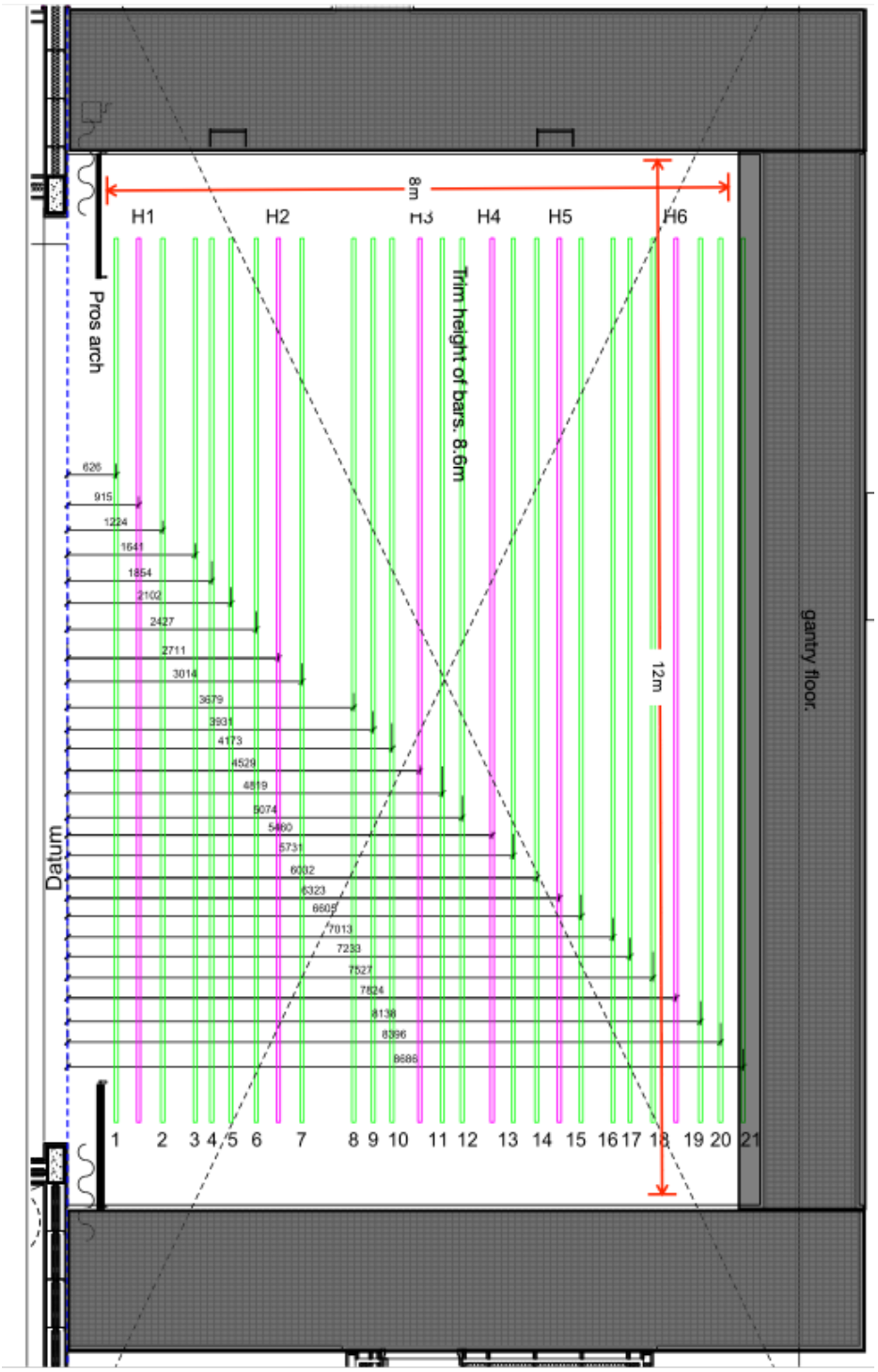
The venue will provide one duty technician for the duration of your get in-perf-get out. They are there to assist with set up and provide venue specific information and support to ensure your show goes smoothly, they are not available to operate any element of the production. Should you require AV, Sound or Lighting operators we can assist you in sourcing these services locally at your own cost.

The venue will not be held responsible for the quality or functionality of any additional equipment hired in for a production, however we do reserve the right to not rig or use any equipment we feel is unsafe or otherwise sub standard.

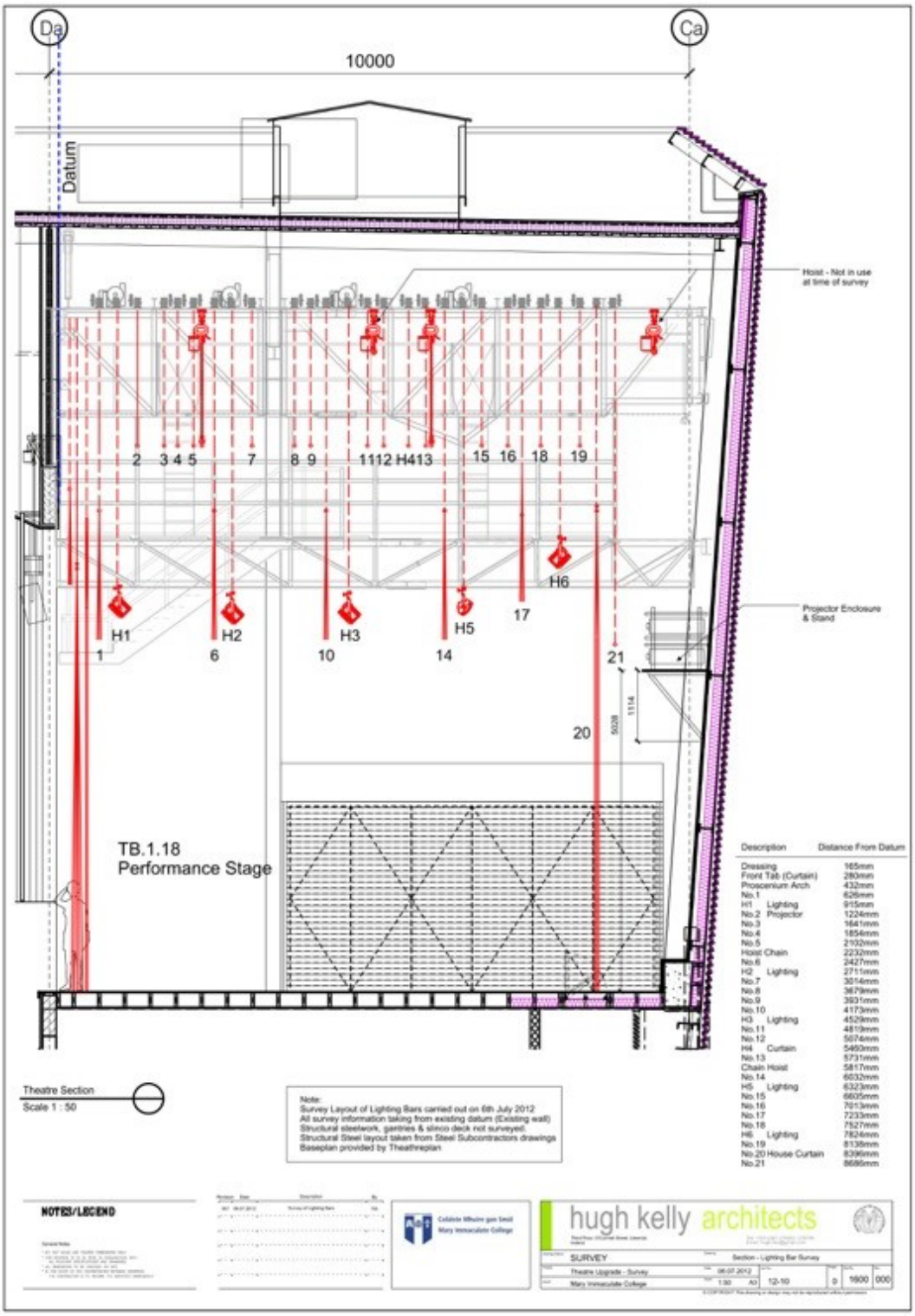
PLANS.

Plans are available in PDF format from the Technical manager. Some DWGs are also available on request.

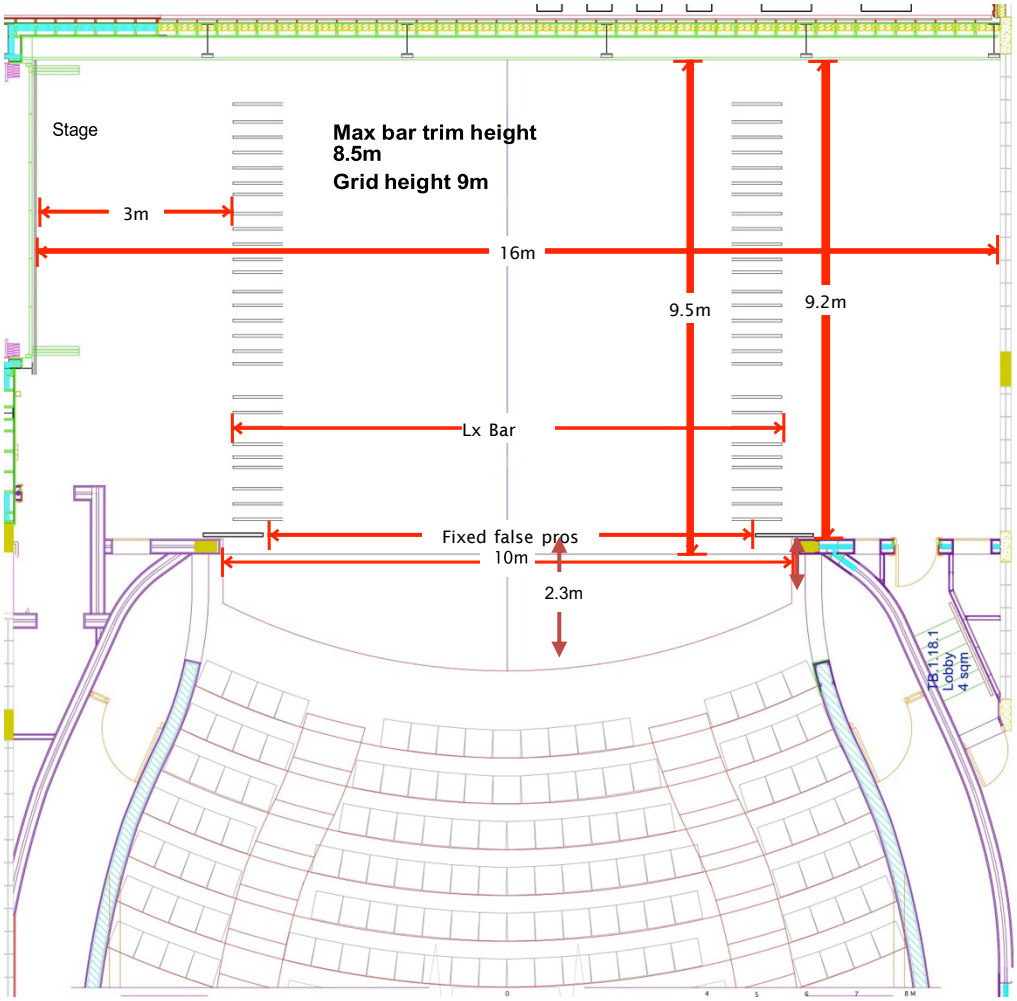
Gantry and Lighting bar measurements

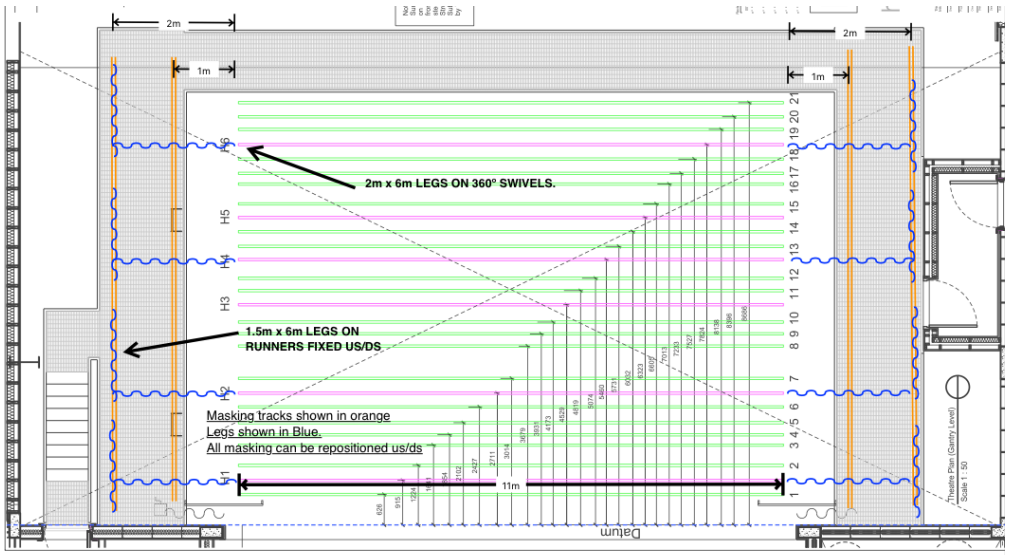


Stage section

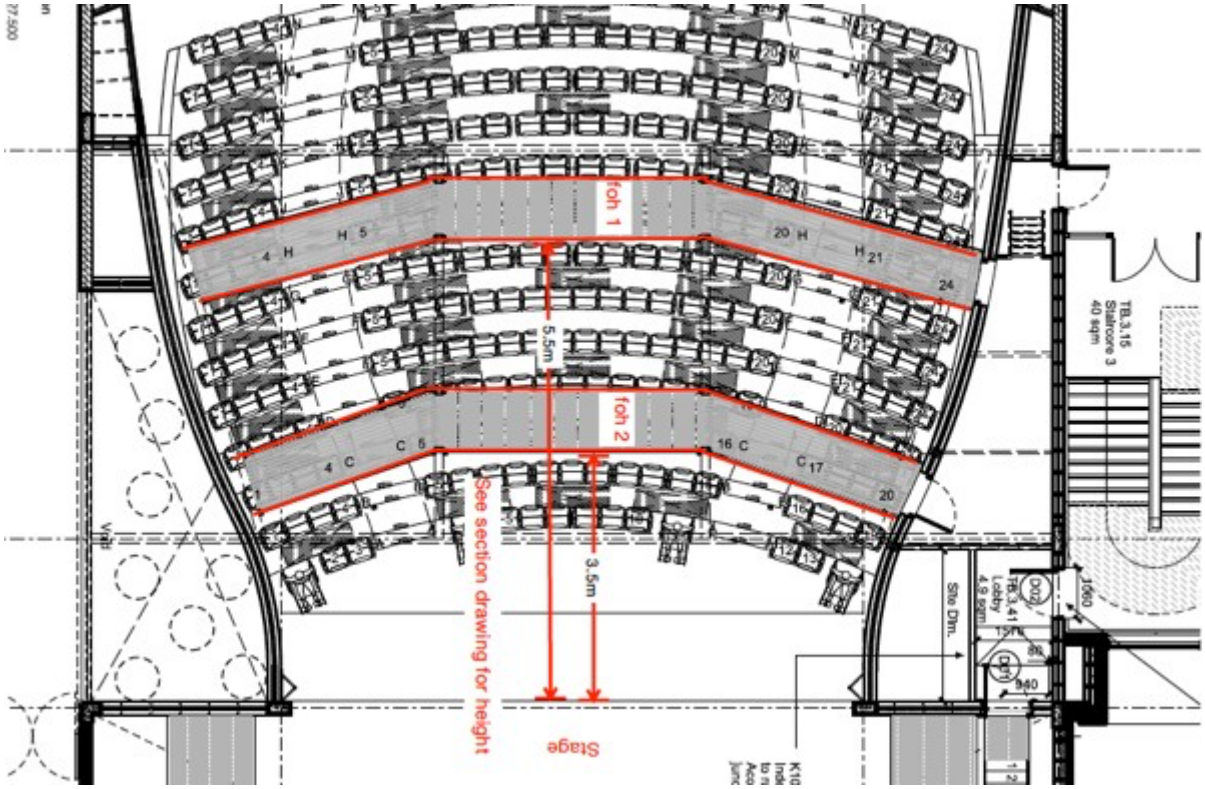


Basic measurements Masking

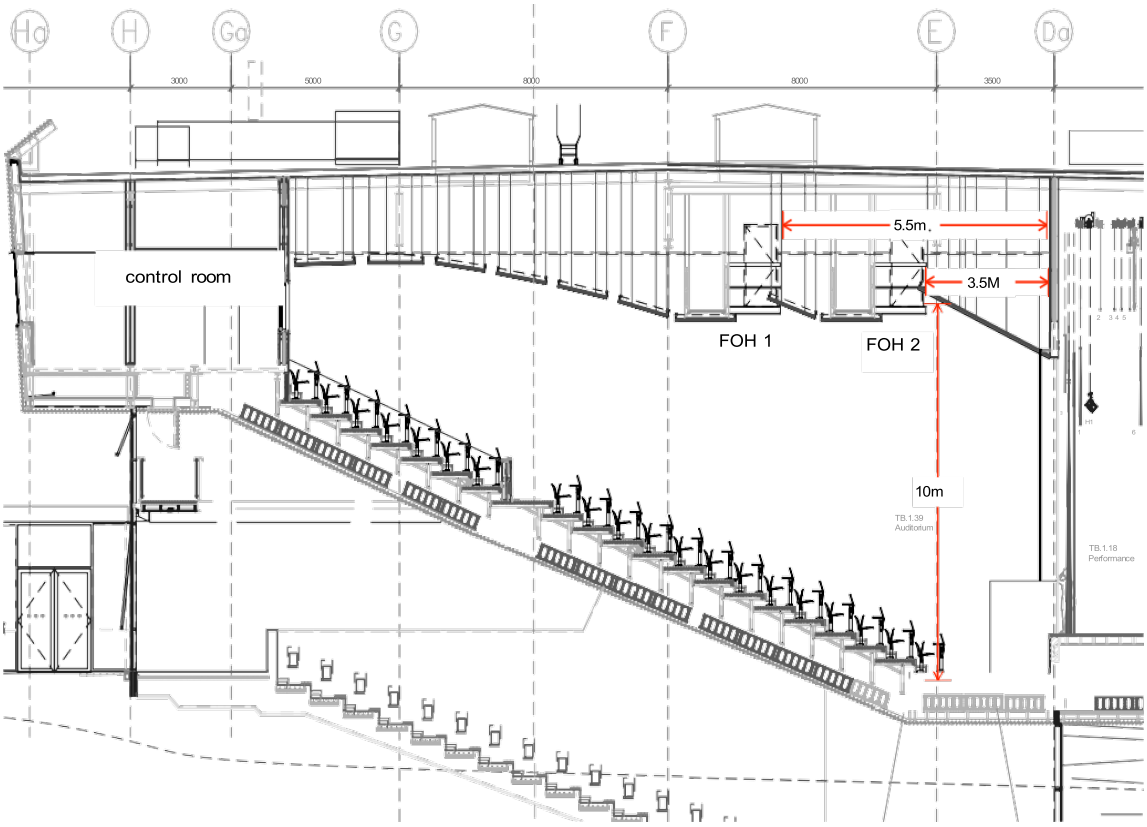




FOH overhead plan



FOH Section



Scene Dock Access



Directions to the Lime Tree Theatre, Mary Immaculate College, Limerick.

Coming from East/North on M7 (Nenagh/Dublin)

Follow the by-pass around Limerick city to last exit before the tunnel **(EXIT 2)**

From EXIT 2:

At roundabout at bottom of off-ramp at **EXIT 2,** take 3rd exit, following signs for the city centre

Immediately after passing under the motorway, is a second roundabout, take 2nd exit, continuing to follow signs for City Centre (you are now on the Dock Road)

Drive approx. 1 km, come to another roundabout, go straight through, continuing towards the city centre.

Drive through next set of traffic lights

At second set of traffic lights, turn right on to Courtbrack Avenue

Drive approx 300m, main entrance to **Mary Immaculate College** is on the left. Drive into the grounds, following the road as it veers to the right.

The Theatre is in the main modern building directly ahead. Parking is to the left.

Access to the scene dock: as you drive towards the building you will see an entrance that allows you to drive in towards the main entrance (restricted access)