



# MOODY

## PERFORMANCE HALL



## Technical Specifications

**UPDATED: August 2022**  
**Revision O**

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## **MISSION**

Moody Performance Hall is a state-of-the-art facility that hosts the broad spectrum of Dallas' performing arts organizations which are focused on the cultural development of Dallas, Texas.

## **HISTORY**

Formerly the Dallas City Performance Hall, the Moody Performance Hall is a lyrical and elegant multi-use performing arts venue with a mission to provide exceptional opportunity for local emerging and mid-sized arts organizations to express the voice of our community through the performing arts. The Moody Performance Hall opened in September 2012 in the Downtown Dallas Arts District among several world-renowned facilities including the Dallas Museum of Art, Margot and Bill Winspear Opera House, Morton H. Meyerson Symphony Center, and Nasher Sculpture Center.

The Moody Performance Hall is a City-managed, publicly funded theater designed to provide a home in the Dallas Arts District for the City's emerging and mid-size performing arts and cultural organizations. The design incorporates feedback from 70 Dallas arts organizations likely to perform in the Hall.

On May 24, 2017 the Dallas City Council authorized the city manager to enter into a naming rights agreement with The Moody Foundation in recognition of their charitable gift to AT&T Performing Arts Center in the amount of \$22 million, of which \$10 million will serve to endow a grant fund to support and enhance small and growing non-profit performing arts organizations in Dallas, to be known as the Moody Fund for the Arts. The remaining \$12 million will be designated to assist ATTPAC in the completion of its capital campaign. The Moody Performance Hall name became official on July 31, 2017 upon execution of the naming rights agreement.

# Performance Hall

The main feature of Moody Performance Hall is its 749-seat performance hall. The proscenium theatre is designed with a floating balcony, adjustable proscenium arch, unique LED curtain, and a system of variable acoustical curtains. The performance hall meets Noise Criterion 15 standards, providing a superior aural experience for both performers and audience members.

## Seating

557 seats - orchestra level

192 seats – balcony

749 seats total

Wheelchair seating is available throughout the auditorium.

Certain aisle seats have movable armrests to accommodate patrons with limited mobility.

*See Appendix F – Seating Chart*

## Proscenium

Width: adjustable from 38'-0" to 56'-8" with the use of an adjustable hard portal.

Height: 30'-0"

## Stage House

Width (wall to wall): 108'-0"

Depth (plaster line to upstage wall): 40'-0"

Typical usable space: 75'-0" x 33'-0" plus apron space

Grid height: 64'-6"

*Note: Offstage left area is reserved for storage of orchestra shell when not in use (see Appendix A – Theatre Ground Plan)*

*Note: the fly rail is located stage right and must remain clear of obstacles at all times.*

## Stage Floor

The stage floor is constructed of a plywood subfloor over cushion sleepers and is covered with flat black tempered hardboard (Masonite). The floor may not be screwed into or painted. Approved tape (spike, gaff, glow) may be used, but must be removed at the end of each event.

- Rosin of any kind is not permitted to be used anywhere in the building.

- Including performers and technicians, the max number of persons on stage shall not exceed 200.

## Apron / Orchestra Pit

The mechanized pit lift allows the downstage section of the stage (roughly 40'-0" wide by 8'-0" deep) to be used as an apron or an orchestra pit. When lowered, the pit floor is 8'-5" below stage level. The pit can accommodate between 15 and 25 musicians, depending on instrumentation.

## **LED curtain**

In lieu of a traditional grand drape, Moody Performance Hall has a unique LED curtain used in conjunction with a black traveler. The LED curtain is 60'-0" wide by 30'-0" tall and consists of a grid of color-mixing LED nodes every 8". The images displayed on the curtain have been commissioned by the Office of Arts & Culture's Public Art Program and are considered part of the architecture of the facility. The LED curtain is not available for client content.

## **Acoustic Shell**

A Wenger Diva shell is available for groups who wish to enhance the room's acoustics for both the audience and the performers. Labor to setup the acoustic shell is included with the user agreement.

The shell is approximately 50' wide and 32' deep. The towers are 30' tall and have doors on both sides for entrances/exits. There are 3 overhead clouds with built-in lighting which provides ample light for musicians onstage. The shell can also be set up in a smaller configuration, reducing its depth to approximately 22'.

*See Appendix G –Orchestra Shell Configuration*

When in use, the acoustic shell ceiling prevents the use of all overhead line sets, including all electrics, the LED curtain, and the grand drape.

## **Acoustic Curtains**

The side and rear walls of the auditorium are lined with 13 motorized acoustic curtains which may be lowered or raised to alter the reverberation of the room as desired. They are customizable for different types of performances, and rehearsal time should be allotted to ensure the curtains are adjusted properly for each production.

## **Rigging**

There are 31 manually operated single purchase line sets available for client use, 14 of which are occupied by house soft goods and equipment. All line sets are 75'-0" wide single pipes. Weight limit is 1750 lbs per line set. Traveler curtains will not be moved. The house line set schedule does not allow for an onstage crossover. Crosses must be made in the backstage hallway.

The rigging systems can only be operated by staff and individuals trained and familiar with the specifics of the systems. MPH does not provide any rigging hardware supplies.

The 4 dedicated electrics are on motorized line sets. Weight limit is 2500 lbs per electric.

There are 3 motorized line sets dedicated to the orchestra shell.

All rigging and fly operation requirements should be advanced with the Technical Director.

Any soft good moves must be restored as part of each event's strike.

*See Appendix B – Rep Line set Schedule, for more information.*

## **Fire Curtain**

There is a motorized fire curtain immediately upstage of the proscenium opening. It may be triggered manually from a panel on either side of the proscenium, by the melting of fusible links throughout the system, or by the building fire alarm. The fire curtain may not be altered or interfered with in any way.

MPH adheres to a policy of keeping the path underneath the fire curtain clear at all times, during performance and overnight so curtain travel is never impeded. The fire curtain must be able to close every night.

## **Stage Manager's Station**

The Stage Manager's station has access to video and audio monitors as well as controls for backstage paging and ClearCom. The Stage Manager can be located in the booth, stage right, or stage left.

## **Stage Equipment**

The following equipment is available for use:

- (85) orchestra chairs
- (20) cello chairs
- (85) music stands
- (1) conductor podium with conductor stand
- (11) choral risers – each riser holds approximately 17 adults
- Orchestra risers – there are several configurations which can be set up
- Marley dance floor - black/grey reversible (2m x 20m x 5 sections)
  - Not usable with the orchestra shell.
  - Charge for dance floor tape- \$25 per roll, or supply your own
  - Rosin of any kind is not permitted to be used anywhere in the building.

Including performers and technicians, the max number of persons on stage shall not exceed 200.

Note: Labor for setup and teardown of stage equipment is not included and must be discussed with Technical Director.

## **Piano**

A 9' Yamaha CFX concert grand piano is available for use. Tuning the piano is the responsibility of the client and should be scheduled with building staff.

# FRONT OF HOUSE FACILITIES

## Lobby

The two-story main lobby overlooks Flora Street and the Dallas Arts District.

In addition to being a functional gathering space for patrons before and after performances, the lobby space can be utilized for small events, performances, lectures, and meetings.

## Event Area

There is an event area on the second level that can be used as a VIP lounge, meeting room, or presentation space for small gatherings.

## Furniture

The following items are available:

- (200) Banquet chair- blonde wood back with padded leather seat
- (17) Highboy chairs- blonde wood back with padded leather seat
- (11) 6' x 1.5' blonde wooden benches
- (12) 6' x 2.5' black rectangular folding tables (black linens available upon request)
- (6) 30" diameter black café table (can extend to highboy height)
- (6) 30" diameter highboy tables- blonde wood top
- (40) Stanchions

## Parking

There are several public parking lots nearby. There is a limited amount of free one hour parking on Flora Street.

## Box Office

Ticketing for each event is the responsibility of the client. The hall is equipped with multi-function counter-top units that can be placed as needed for ticket sales and will call.

## Concessions

To ensure a consistent audience experience, food and beverage services for patrons are provided by Culinaire International under an exclusive contract.

# **BACK OF HOUSE FACILITIES**

The backstage facilities are all located on stage level. Access to the backstage corridors is available on each side of the building from the lobby and from the stage. The backstage corridor also serves as the stage crossover.

## **Wi-Fi**

The entire building is equipped with open Wi-Fi access under the name DALSURF.

## **Greenroom**

The greenroom is centrally located backstage, with immediate access to all dressing rooms as well as a private outdoor patio. The greenroom includes couches, tables, chairs, stage audio feed, and screen with stage camera view.

## **Dressing Rooms / Restrooms**

There are 2 single dressing rooms, each with a toilet, shower, stage audio feed, and screen with stage camera view.

There are 2 chorus dressing rooms, each with a toilet, shower, and stage audio feed. Each can accommodate up to 16 people. These rooms also each have lockers available for personal items. Locks are NOT provided.

Door locks with keys are available for each dressing room.

There are 2 additional single restrooms backstage.

## **Wardrobe Facility**

The wardrobe room is located backstage near the greenroom. It contains 2 sets of clothes washers and dryers. Irons and a steamer are also available for use.

## **Backstage Hallway Chairs**

There are 64 chairs available for use in the backstage hallways. Setting up and storing these chairs is the responsibility of the client.

## **Smoking**

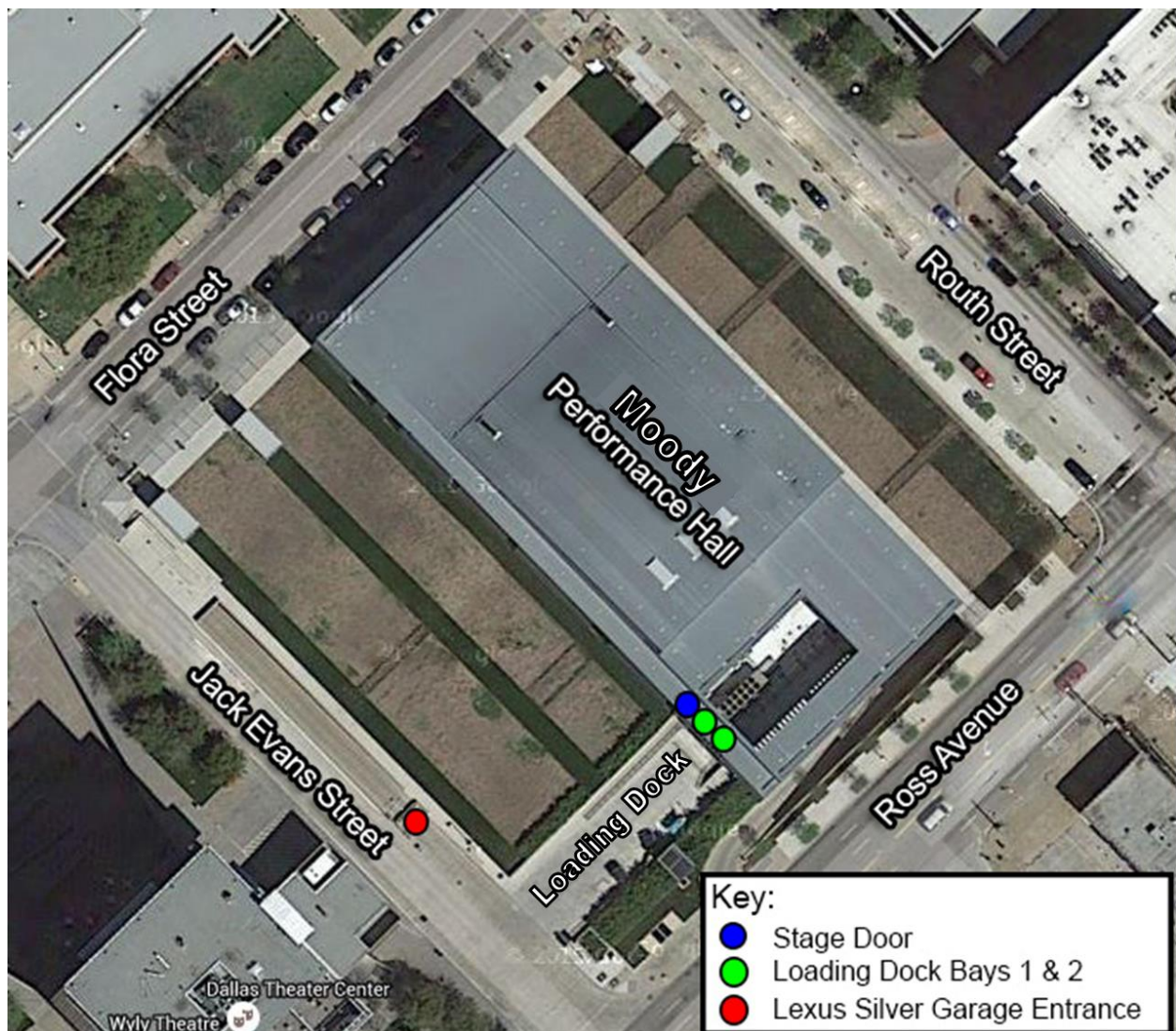
Smoking is not allowed in any part of the facility or within 20 feet of building entrances per City of Dallas Ordinance.



# LOADING DOCK

The loading dock is located on Jack Evans Street on the southwest side of the building between Ross Avenue and Flora Street. There are 2 bays, which can each accommodate a 53' trailer. There is also a ramp that runs from ground level up to dock level for unloading equipment from passenger vehicles.

The loading dock may only be used for loading and unloading – no vehicle parking is allowed at dock. Overnight truck parking should be discussed in advance with the Technical Director. Shore power is not available.



# LIGHTING

Moody Performance Hall has a repertory light plot which will accommodate basic lighting needs. Altering the rep plot must be discussed with the Technical Director in advance. Any changes to the rep plot MUST be restored by the end of the contract time.

MPH does NOT provide lighting design. Any gel color or gobos needed outside of the rep plot is the responsibility of the client.

*See Appendix C – MPH Rep Lighting Plot, for more information.*

Vectorworks and Lightwright rep plot paperwork available upon request.

*See Appendix D – Lighting Inventory, for more information.*

## **Lighting Positions:**

- 4 Dedicated electrics over stage
- 3 Front of House catwalks
- Balcony Rail
- 2 Front of House box booms
- 1 Follow spot booth with 2 Lycian M2 Long Throw fixtures (operators not included)

There are 467 2.4kw dimmers and 13 6k dimmers. There are circuits at all lighting positions, as well as (5) 6-circuit drop boxes on each side of the stage in lieu of floor pockets.

There are eight 14-foot pipes and bases to create lighting booms if needed.

## **Control**

The main lighting console is an Apex 10 and the tech lighting console is a Gio@5 with an Ion Xe RPU setup as backup.

# POWER DISTRIBUTION

There are several company switches throughout the building with Cam-Lok or bare-end connections available on each.

- (2) 400a/208v – Stage Right
- 200a/208v – Audio/Video (isolated ground) – Stage Left
- 200a/208v – Grid
- 200a/208v – Catwalk

MPH does not provide any power distribution supplies (e.g., Cam-Lok/bare-end feeder cable, power distribution hardware, etc.).

# AUDIO

## Main Sound System

The PA consists of:

5-box center array - d&b Ti-10L

Left and right arrays - upper speakers are Fulcrum DX-1265s, lower speakers are Fulcrum DX-1295s

2 Fulcrum US212 double 12" subwoofer per side

7 Fulcrum CX-5D front fill speakers embedded in the front of the stage

3 Fulcrum CX-5D under-balcony fill speakers for the orchestra level

The center array has a d&b D6 amplifier; all other amps are lab Gruppen C-series amps.

In addition to the fixed speaker system, there are 8 ElectroVoice 1122FM wedges and 4 Yamaha C115V speakers available for use as monitors or directional effect speakers.

## Console

The audio console is a Yamaha M7CL-48. There is QLab, CD playback, and effects processing capability. The console is located at the back of the main orchestra level.

## Splitter

A 16-channel analogue whirlwind Jensen splitter is available for recording engineers, etc.

## Headset System

A 4-channel ClearCom system is in place with connections throughout the theatre and backstage, along with 5 wireless belt packs.

## Paging System

The backstage paging system enables the Stage Manager to make announcements to cast and crew.

## Program Feed

The program audio is fed to speakers throughout all lobby and backstage areas.

*See Appendix E – Audio Inventory for more information.*

# VIDEO

## Stage Video Monitor

There is a fixed camera that feeds live video of the stage to locations around the theater, including greenroom and dressing rooms. This camera is capable of infrared viewing at low lighting levels.

Another fixed camera provides video to the lower and balcony levels of the lobby during events.

## Projection

A Barco G60-W10 laser projector and a 14.5' x 25' (16:9 aspect ratio) Da-Lite Dual Vision screen, are available for use. The projector has a 2.90-5.5:1 long throw lens and a 1.51-2.92:1 short throw lens.

## Playback

All video playback devices and operation are the responsibility of the client. All devices in the video system are set to 1080i@59.94Hz.

## QLab

With prior discussion with the Technical Director, MPH or the client may elect to use the in-house QLab system. Installed at the audio mix position, a Mac Mini, Motu 828x audio interface, and a Blackmagic Design UltraStudio Express allow for the programming and execution of audio and video cues. For more information, go to [figure53.com/qlab/about/](http://figure53.com/qlab/about/).

## Live Event Streaming

An internet service of 90Mbps download and 90Mbps upload is available as a direct hard-wired connection for streaming content. This speed of service is adequate for 1080p video with audio.

# STAFF

## **Moody Performance Hall**

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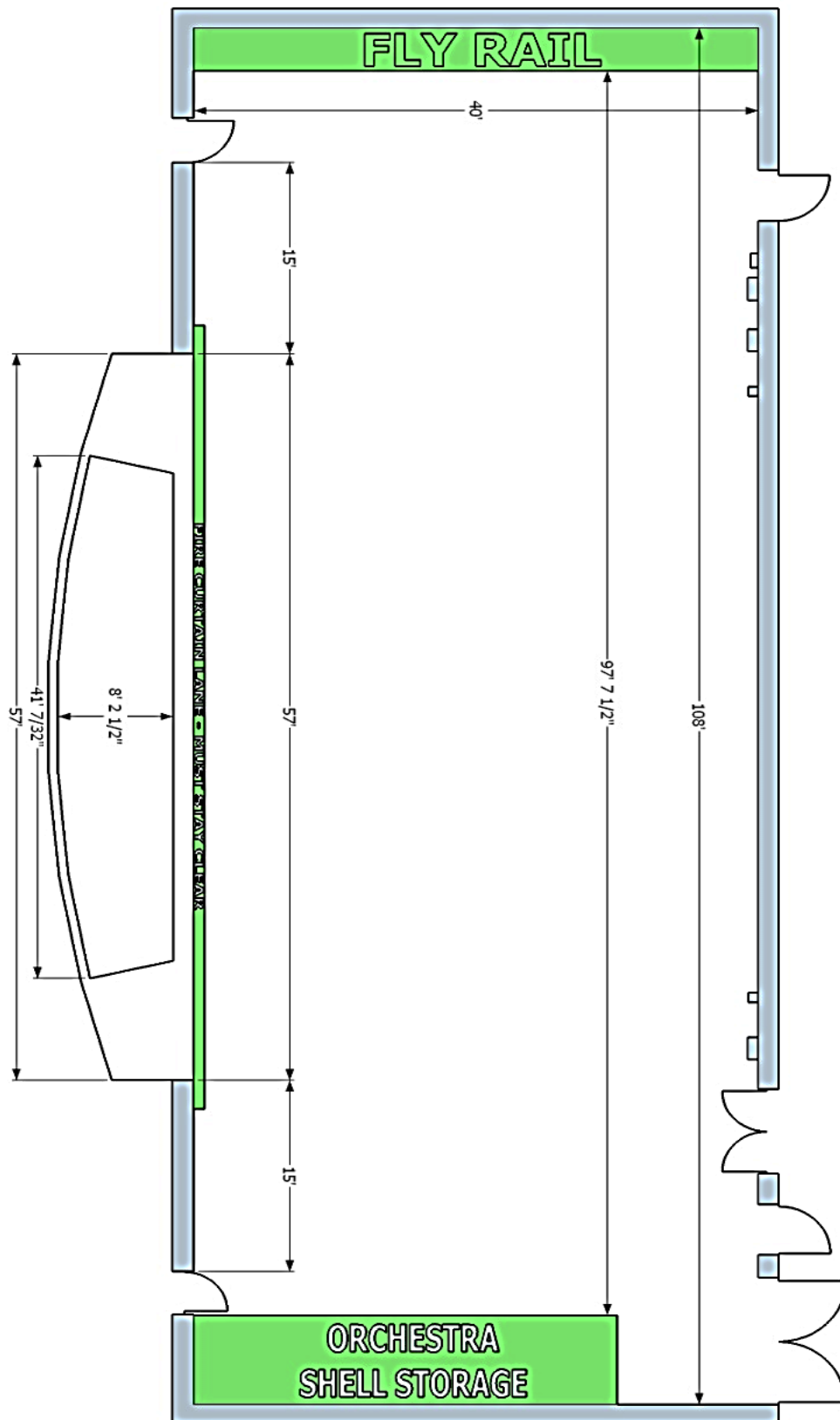
## **Event Coordinator**

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## **Event Coordinator**

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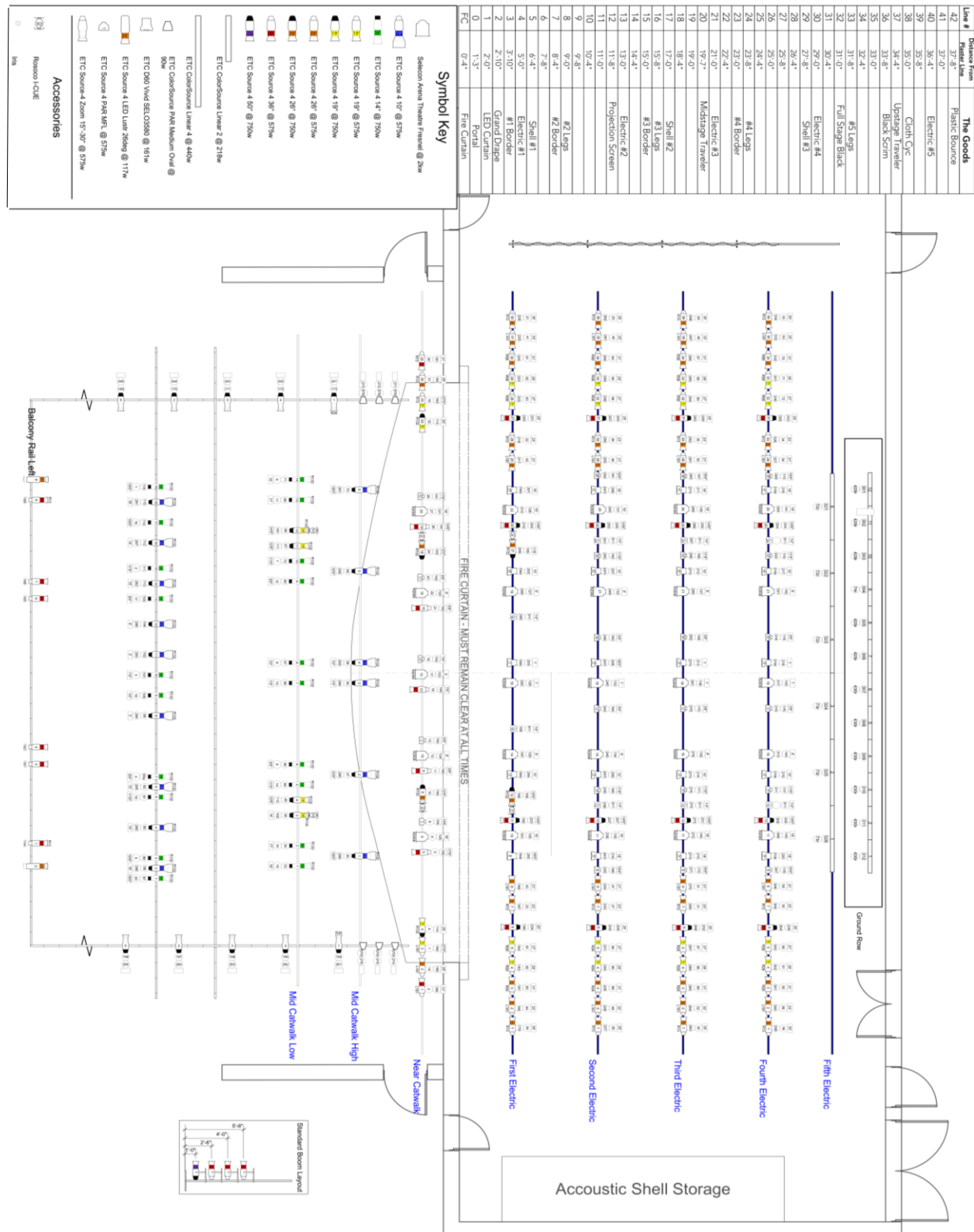
## Appendix A – Theatre Ground Plan



## Appendix B – Line Set Schedule

LINE SET	DISTANCE UPSTAGE	MPH REP HANG	WEIGHTS	CAPACITY (LBS)	HIGH TRIM	SHOW TRIM	L + R of Center	NOTES	LINE SET
42	37' - 8"	PLASTIC BOUNCE	4.5	1750	62'-0"				42
41	37' - 0"			1750	62'-0"				41
40	36' - 4"	#5 ELECTRIC	7	1750	62'-0"			COLORSOURCE CYC LIGHTS	40
39	35' - 8"			1750	62'-0"				39
38	35' - 0"	CLOTH CYC	7	1750	62'-0"				38
37	34' - 4"	UPSTAGE TRAVELER	22	1750	62'-0"				37
36	33' - 8"	BLACK SCRIM	2.5	1750	62'-0"				36
*35	33' - 0"			1750	62'-0"				*35
34	32' - 4"			1750	62'-0"				34
33	31' - 8"	#5 LEGS	4.5	1750	62'-0"		21'-0"	2' FOLD BACK TO NEAREST TIE	33
32	31' - 0"	FULL STAGE BLACK	9	1750	62'-0"	25'-8"		DOUBLES AS #5 BORDER	32
31	30' - 4"			1750	62'-0"				31
30	29' - 0"	#4 ELECTRIC	MOTORIZED	2500	51'-0"	30'-0"			30
29	27' - 8"	#3 SHELL	MOTORIZED	3000	42'-0"	20'-9"			29
28	26' - 4"			1750	62'-0"				28
27	25' - 8"			1750	62'-0"				27
26	25' - 0"			1750	62'-0"				26
25	24' - 4"			1750	62'-0"				25
24	23' - 8"	#4 LEGS	4.5	1750	62'-0"		21'-0"	2' FOLD BACK TO NEAREST TIE	24
23	23' - 0"	#4 BORDER	6	1750	62'-0"	24'-7"			23
*22	22' - 4"			1750	62'-0"				*22
21	21' - 0"	#3 ELECTRIC	MOTORIZED	2500	51'-0"	30'-0"			21
20	19' - 8"	MIDSTAGE TRAVELER	22	1750	62'-0"				20
19	19' - 0"			1750	62'-0"				19
*18	18' - 4"			1750	62'-0"				*18
17	17' - 0"	#2 SHELL	MOTORIZED	3000	42'-0"	22'-5"			17
16	15' - 8"	#3 LEGS	4.5	1750	62'-0"		21'-0"	2' FOLD BACK TO NEAREST TIE	16
15	15' - 0"	#3 BORDER	6	1750	62'-0"	24'-3"			15
14	14' - 4"			1750	62'-0"				14
13	13' - 0"	#2 ELECTRIC	MOTORIZED	2500	51'-0"	30'-0"			13
*12	11' - 8"	PROJECTION SCREEN	5.5	1750	62'-0"			ASK ABOUT CURRENT SCREEN POSITION	*12
11	11' - 0"			1750	62'-0"				11
10	10' - 4"			1750	62'-0"				10
9	9' - 8"			1750	62'-0"				9
8	9' - 0"	#2 LEGS	4.5	1750	62'-0"		21'-0"	2' FOLD BACK TO NEAREST TIE	8
7	8' - 4"	#2 BORDER	6	1750	62'-0"	24'-3"			7
6	7' - 8"			1750	62'-0"				6
5	6' - 4"	#1 SHELL	MOTORIZED	3000	42'-0"	24'-2"			5
4	5' - 0"	#1 ELECTRIC	MOTORIZED	2500	51'-0"	30'-0"			4
3	3' - 10"	#1 BORDER	7	1750	63'-0"	26'-6"			3
2	2' - 10"	GRAND DRAPE	37.5	1750	67'-0"				2
1	2' - 0"	LED CURTAIN	44	1750	67'-0"				1
0	1' - 4"	PORTAL	MOTORIZED	3500	67'-0"		21'-0"	ADJUSTABLE	0
FC	0' - 5"	FIRE CURTAIN	MOTORIZED	4000	67'-0"				FC
<b>PLEASE CONTACT TECHNICAL STAFF FOR LATEST CHANGES</b>									
ALL MOTORIZED LINESETS HAVE A SPEED OF 20 FEET/MINUTE					WEIGHTS: "FULL"=30LBS "HALF"=20LBS				
ALL BATTENS HAVE A LOW TRIM OF 3'-0"					Electric trims heights are to pipe.				
ALL COUNTERWEIGHT ARBORS ARE 10'-0" TALL					* Designates line set for projector screen when shell is in place.				
SHADED LINESET ITEMS ARE PERMANENT AND MAY NOT BE MOVED									

*Full Plot available upon request*





## Appendix D – Lighting Inventory

Lighting Fixture	Quantity (In Rep)	Quantity (Spare)	Lamp/Wattage	Frame Size
ETC S4 10deg.	14	1	HPL/750W	12"
ETC S4 14deg.	20	--	HPL/750W	7.5"
ETC S4 19deg.	24	2	HPL/575W	6.25"
ETC S4 26deg.	46	4	HPL/575W	6.25"
ETC S4 36deg. (24 for booms)	29	31	HPL/575W	6.25"
ETC S4 50deg. (8 for booms)	8	2	HPL/575W	6.25"
ETC S4 70deg.	--	6 (lens only)	--	7.5"
ETC S4 Zoom, 15-30deg.	10	--	HPL/575W	7.5"

ETC Seledor Desire D60 Vivid	20	--	LED/161W	8-7/8"
ETC ColorSource PAR (Deep Blue)	--	20	LED/90W	7.5"
ETC ColorSource Linear2	12 Cyc Ground Row	--	LED/218W	n/a
ETC ColorSource Linear4	6 Cyc Top System	--	LED/438W	n/a
ETC S4 PAR	23	27	HPL/575W	7.5"
Selecon Arena 8" Fresnel	25	--	CYX/2000W	9-5/8" (245mm)

Aurora 3-Cell Cyc. Unit	--	14	FHM/1000W	12.25"x12"
Lycian M2 Long Throw Followspot	2	--	HTI/1200W	6.5" (Round)
Rosco I-Cue Moving Mirror + DMX Iris	6	1	HPL/750W	6.25"

\*The venue keeps 24 S4 36deg. and 8 S4 50deg. on sidearms for booms. These units affect the number of spare fixtures available.

\*\* Vectorworks and Lightwright rep plot paperwork available upon request.

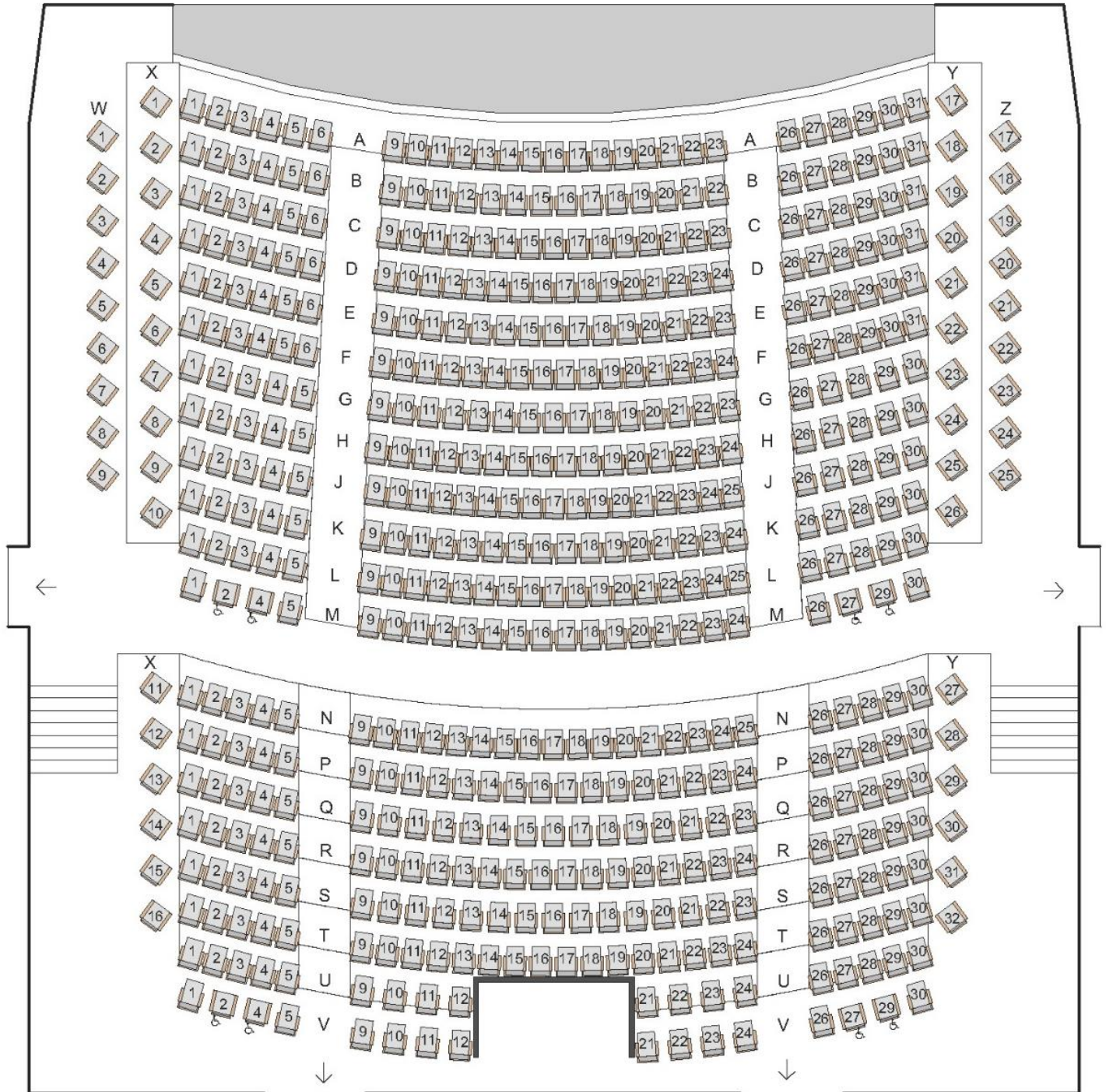
## Appendix E – Audio Inventory

Type of Equipment	Quantity
Microphones	
AKG C451B	4
AKG D112	1
Audio Technica AT4033/CL	3
Audio Technica AT4050	1
Audio Technica Pro37	4
Barcus Berry 4000	1
Crown PCC 160	6
DPA 4099	1 pair
EV N/D468	4
EV RE20	1
Heil PR20-UT	2
Sennheiser MD421 II	4
Shure Beta 58	8
Shure Beta 98H-C	4
Shure Beta W98H-C	4
Shure MX150BCT	6
Shure MX153BOT	10
Shure MX153TOT	10
Shure MX153COT	12
Shure MX202B/C	4
Shure MX412D/S	12
Shure SM57	6
Shure SM58 – Switched	2
Shure SM81	4
Shure KSM9	2
Shure Wireless ULXD– Handheld, Bodypacks, & Tabletop	6
Direct Boxes	
Whirlwind Director DI	4
Whirlwind Hotbox active DI	4
Countryman type 85 FET direct box	2
Whirlwind stereo PCDI	4

*There is also a variety of mic stands, cable, and subsnakes available for use.*

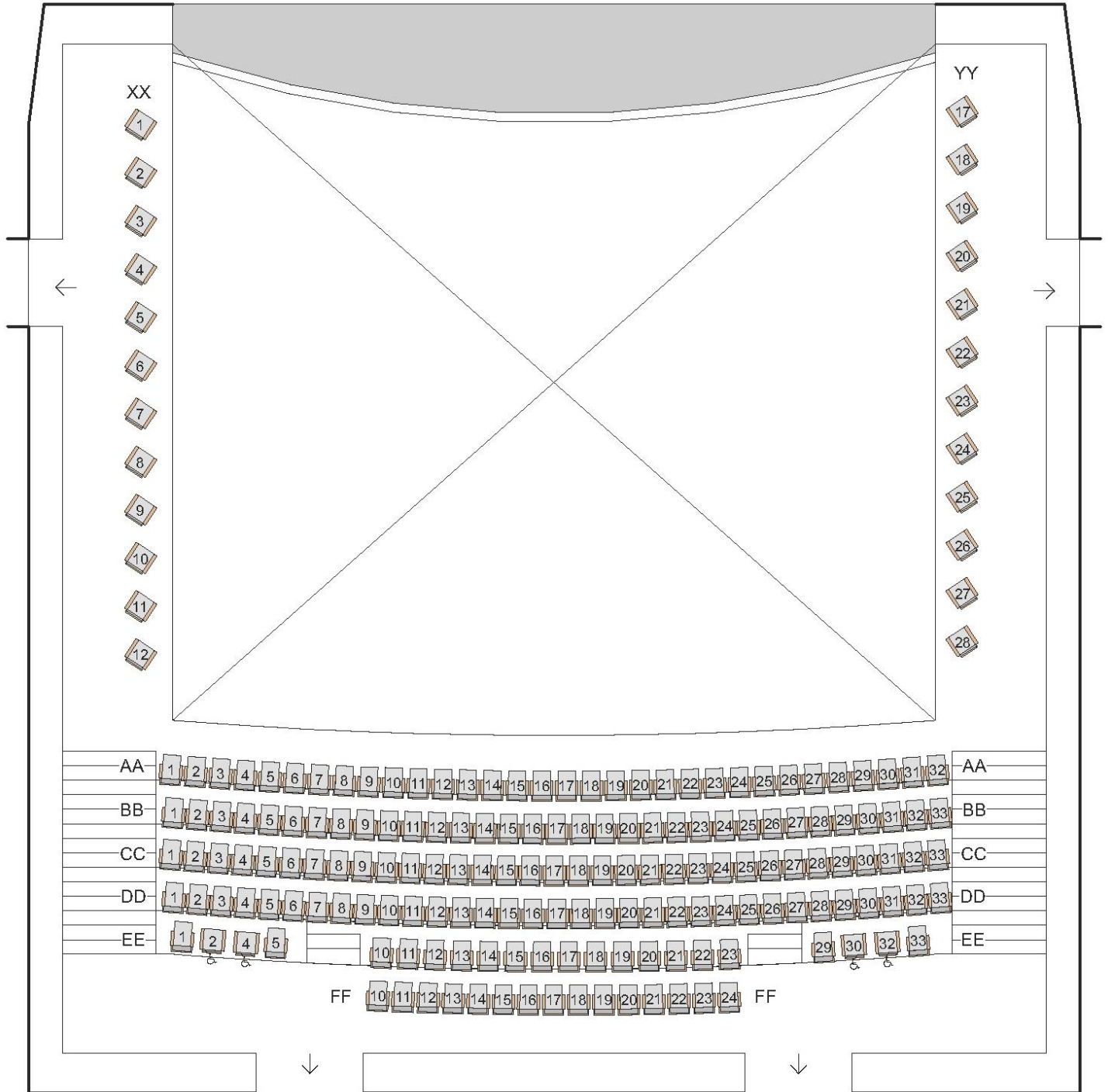
# Appendix F – Seating Charts

## Orchestra Level



# Appendix F – Seating Charts continued

## Balcony Level



# Appendix G – Orchestra Shell Configuration

*Short Shell & Full Shell setups with Measurements*

