

UNIVERSITY of DUBUQUE





# John and Alice Butler Hall

# **Technical Rider**

Revised July 2017

# HERITAGE CENTER STAFF

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Heritage Center address:	2255 Bennett St. Dubuque, IA 52001	

# **BUILDING ACCESS / LOADING DOCK**

Main entrance is located off of Bennett Street.

Loading dock / stage door are on the west side of the building off of McCormick Street.

The loading dock leveler is adjustable from 3 feet to 5 feet.

No Shore Power available.

Vehicles are not allowed to remain in the loading dock area once unloaded, there is parking available in University lots or on street parking.





# **SEATING**

#### Pit

Section 100 - ~50 free standing chairs

#### Main level

Section 101 – 53 Seats	(1 seat is removable for ADA seating)
	(1 seat is ADA accessible)
 Section 102 – 191 Seats	(3 seats are removable for tech table
	(3 seats are removable for ADA seating)
	(2 seats are ADA accessible)
Section 103 - 53 Seats	(1 seat is removable for ADA seating)

### Vineyard House Left

Section 104 - 89 Seats

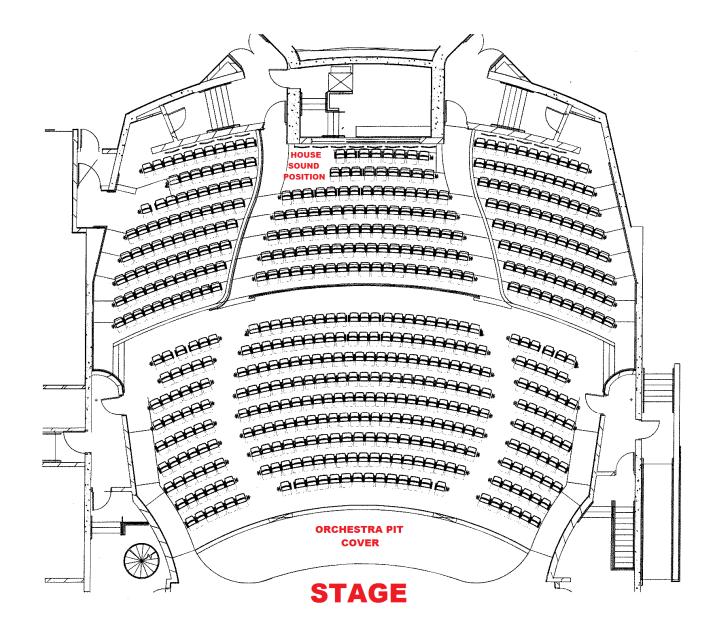
### Mezzanine

Section 105 - 112 Seats

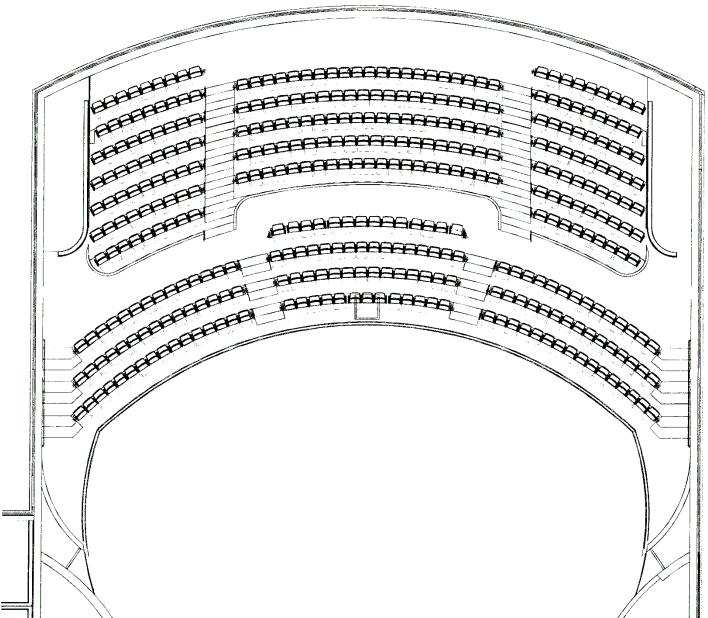
Vineyard House Right						
Section 106 – 84 Seats	(1 seat is ADA accessible)					
	(1 seat is removable for ADA seating)					
Balcony						
Section 201 - 45 Seats						
Section 202 - 57 Seats	(6 seats are removable for ADA seating) (2 seats are ADA accessible)					
Section 203 - 45 Seats						
Section 204 - 63 Seats						
Section 205 - 103 Seats						

Section 206 - 63 Seats

### MAIN FLOOR



BALCONY



### **STAGE DIMENSIONS**

Dimension	Distance Imperial
Proscenium Width	52'-0"
Proscenium Height	27'-11″
Plaster Line to US Wall	39'-9″
Stage Width (Wall to Fly Rail)	89'-11″
Pit @ Onstage edge to US wall	49'-0"
Pit @ Downstage edge to US wall	60'-11″
Stage Deck to Grid	71'-1"
Deck to pin Rail SL	27'-8"
Deck to Pin Rail SR	27'-8"
Pin Rail to Pin Rail	70'-9"
Height of stage from main floor	3'-0"

# **RIGGING**

### **Electrics**

The First Electric is on a motorized lineset The 2nd, 3rd, and 4th are double purchase linesets There are 4 grid drop boxes, 2 SL 2 SR with 4 Circuits that can be added to any lineset

### **Orchestra Shell**

3 Orchestra clouds are on Motorized Linesets

### General

All general purpose Linesets are single purchase 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> Electrics are Double Purchase 1<sup>st</sup> Electric and Orchestra Clouds are automated assist

### Spot rigging load limits

Rigging Loft Beams - 300 pounds per linear foot Rigging Head Block Beams - 2500 pounds per linear foot Gridiron Surface – Will be addressed on an event by event basis. Pin Rail Pipe - 500 pounds per linear foot in an upward direction. Front of House Rigging Beam - 1000 pounds per linear foot. All fixed lighting positions (box booms, black box outriggers, ante-pros, balcony rails) - 25 pounds per linear foot.

### Notes

- Walkable Grid over the fly tower
- Catwalk access to the 4 FOH positions, Box Booms, and follow spot booth
- Pin rail SR and SL for spot rigging accessible from the 3<sup>rd</sup> floor
- Fly operation is located at the stage level on the Stage Right side

# **STAGE FLOOR**

The stage floor is rubber sleeper sprung covered with Masonite topped plywood painted satin black. The curved orchestra pit filler platforms manufactured by Staging Concepts. They are also topped with Masonite topped plywood painted black. Penetrations are not allowed in any locations.

# **SOFT GOODS**

Drape	Quantity	Material	Color	Finished Size Wide x Tall	Fullness	Top Finish	Bottom Finish
Main Curtain	2 pcs	"Majestic" 25oz	Copper	34'-6" x 35'-6"	100%	Webbing, grommets & snap hooks; 12" on center	Pocket & chain
Main Border	1	"Majestic" 25oz	Copper	69'-0" x 14'-0"	50%	Webbing, grommets & ties; 12" on center	Pocket & chain
Legs	8	Plateau IFR Velour	Black	12'-0" x 30'-6"	Flat	Webbing, grommets & ties; 12" on center	Pocket & chain
Borders	4	Plateau IFR Velour	Black	69'-0" x 12'-0"	Flat	Webbing, grommets & ties; 12" on center	Pocket & chain
Full Stage Black	1	Plateau IFR Velour	Black	69'-0" x 35' 6"	Flat	Webbing, grommets & ties; 12" on center	Pocket & chain
Cyclorama	1	Muslin / Seamless	White	69'-0" x 35' 6"	Flat	Webbing, grommets & ties; 12" on center	Pipe Pocket

### **PROJECTION**

Drape	Quantity	Material	Color	Color Finished Size		Top Finish
Screen	1	Front Projection	White	22'-0"wide x 13-9"tall	NA	NA

# **PROJECTION EQUIPMENT**

- 1 Christie D12WU-H Projector Mounted in Balcony Rail. 12,000 Lumens
- 2 Crestron DM-TX-401-C Transmitter
- 1 Crestron TSW-1060 Touch Screen
- 1 Crestron SMPS3-4K-150 Presentation Switcher/Scaler

## **HOUSE ACOUSTIC TREATMENTS**

The house has concrete walls with wooden and sheetrock sound baffles. Adjustable acoustical curtains Located in multiple places in the house. House acoustic ceilings are not adjustable.

# **ORCHESTRA SHELL**

Orchestra Shell comprised of 8 towers and 3 clouds. There are 3 preset positions for the orchestra shell depending on the size of performance The acoustical cloud panels can be opened or closed, but not removed. See drawings at the end of the document.

# **LINESET SCHEDULE**

Lineset	Suspension	House Rep Purpose	Show Purpose	Distance from Plaster Line	Batten Length	Batten Type	Capacity	Dimensions	In Trim	Out/Max Trim	Weight	Notes
Lineset	Juspension	Touse kep Fulpose	Show Ful pose	Flaster Line	Datten Length	Type	Capacity	Dimensions		11111	Weight	Notes
FC	Manual	Fire Curtain										
1	Manual	Main Border		2'5"	71'-0"	Single	1500					
2	Manual	Main Curtain		3'-2"	69'-0"	Single	1500					
3	Manual	General Purpose		3'-11"	69'-0"	Single	1500					
4	Motorized	1st Electric		5'-5"	69'-0"	Truss	2000					
5	Manual	General Purpose		6'-11'	69'-0"	Single	1500					
6	Manual	General Purpose		7'-8"	69'-0"	Single	1500					
7	Motorized	Orchestra Cloud #1		8'-5"	69'-0"	Truss	4000					
8	Manual	General Purpose		9'-11"	69'-0"	Single	1500					
9	Manual	General Purpose		10'-8"	69'-0"	Single	1500					
10	Manual	2nd Electric		12'-2"	69'-0"	Truss	2000					
11		Future Location		13'-8"	69'-0"	Single	1500					
12		Future Location		14'-5"	69'-0"	Single	1500					
13	Manual	General Purpose		15'-2"	69'-0"	Single	1500					
14	Manual	General Purpose		18'-2"	69'-0"	Single	1500					
15	Motorized	Orchestra Cloud #2		20'-5"	69'-0"	Truss	4000					
16	Manual	General Purpose		21'-11"	69'-0"	Single	1500					
17	Manual	General Purpose		22'-8"	69'-0"	Single	1500					
18	Manual	3rd Electric		24'-2"	69'-0"	Single	2000					
19	Manual	General Purpose		27'-11"	69'-0"	Single	1500					
20	Manual	General Purpose		29'-5"	69'-0"	Single	1500					
21	Manual	General Purpose		30'-2"	66'-0"	Single	1500					
22	Motorized	Orchestra Cloud #3		32'-5"	66'-0"	Truss	4000					
23	Manual	4th Electric		33'-11"	66'-0"	Truss	2000					
24		Future Location		35'-5"	66'-0"	Single	1500					
25		Future Location		36'-2"	66'-0"	Single	1500					
26		Future Location		36'-11"	66'-0"	Single	1500					
27	Manual	Cyclorama		37'-8"	66'-0"	Single	1500					
28	Manual	General Purpose		38'-5"	66'-0"	Single	1500					

# **ELECTRICAL**

### **Company Switches**

Location Description		Rating	Output	
	-			
Up Stage Left	LEX - Power Gate	100 Amp, 3 Phase, 208Y/120 VAC	16 series Cam-type receptacle and lug	
Stage Left Pin Rail	LEX - Power Gate	200 Amp, 3 Phase, 208Y/120 VAC	16 series Cam-type receptacle and lug	
Stage Left Pin Rail	LEX - Power Gate	400 Amp, 3 Phase, 208Y/120 VAC	16 series Cam-type receptacle and lug	
Catwalk	LEX - Power Gate	200 Amp, 3 Phase, 208Y/120 VAC	16 series Cam-type receptacle and lug	

### **Electrical Distribution**

All circuits are 120VAC, 20A or 208Y/120VAC 20A Dimmable 120v = Stage Pin connectors Switched 120v = Edison, NEMA 5-15 straight Switched 208v= L6-20 Connectors

# **LIGHTING**

### **Dimming and control**

The lighting control system is an ETC Gio\*\*\* or ETC Ion w/2 x 20 fader wing\*\*\* 4 - ETC Sensor 3 dimmer racks. ETC Paradigm Architectural/House Lighting System IPad for Remote Focus Unit

### **House Lighting**

Full house light control can be accessed by the console or remote panels. Limited house lighting control can be accessed by button panels located by the entrances. These can be locked out during performances.

### **Work Lighting**

Work lighting can be accessed through the stage managers rack, console or remote panels.

Instruments***	Follow Spot	Miscellaneous Accessories***
133 ETC Source 4 ERS Bodies	2 – Lycian 1275	36 - "B" size Gobo holders (Source Four)
15 – 50° Lens Tube		27 – "A" size Gobo holders (Source Four)
29 – 36° Lens Tube		4 – "B" size Glass Gobo holders (Source Four)
38 – 26° Lens Tube		16 – Female Edison to Male Stage Pin
19 – 19° Lens Tube		6 – Male Edison to Female Stage Pin
14 – 14° Lens Tube		22 – Two-Fers – Stage Pin
20 – 10° Lens Tube		Multiple lengths of Cable – Stage Pin
90 – ETC Source 4 PAR (4 lenses av	vailable)	8 – 13' Booms (Side Arms available)
6 – Altman 3 Cell Cyc Lights		11 – Top Hats for Source Four Ellipsoidals
		8 – Top Hats for Source Four Pars
		5 – Iris Units for Source Four Ellipsoidals

\*\*\* Items shared between Butler Hall and Babka Theater

	Dimme	r Circuits	Switche	d 120v	Switch	Switched 208v	
Location	Quantity	Circuits	Quantity	Circuits	Quantity	Circuits	
				·		·	
Balcony Rail	14	197 – 210			2	551 – 552	
FOH 1	3	295 – 297					
FOH 2	24	241 - 264			4	561 - 564	
FOH 3	22	265 – 286			2	565 - 566	
FOH 4 SL	4	287 – 290			1	567*	
FOH 4 SR	4	291 – 294			1	568*	
Box Boom SL	9	223 – 231	1	528	1	527	
Box Boom SR	9	232 - 240	1	560	1	559	
Anti Pro SL	6	211 – 216	1	554	1	553	
Anti Pro SL	6	217 – 222	1	556	1	555	
1 <sup>st</sup> Electric	38	31-68			4	523 - 526	
2 <sup>nd</sup> Electric	34	69 – 102			4	527 - 530	
3 <sup>rd</sup> Electric	34	103 - 136			4	531 - 534	
4 <sup>th</sup> Electric	38	137 – 174			4	535 - 537	
SL Deck Level Proscenium	4	1 - 4			1	513	
SR Deck Level Proscenium	4	5 - 8			1	514	
USL Deck Level	3	9 - 11	1	516	1	515	
USC Deck Level	4	12 - 15	1	518	1	517	
USR Deck Level	3	16 - 18	1	520	1	519	
Grid Drop Box USL	4	179 - 182	1	542	1	541	
Grid Drop Box DSL	4	175 - 178	1	540	1	539	
Grid Drop Box USR	4	187 - 190	1	546	1	545	
Grid Drop Box DSR	4	183 - 186	1	544	1	543	
Orchestra Pit	6	191 - 196			1	538*	
Orchestra Cloud #1	11	298 - 308					
Orchestra Cloud #2	10	309 - 318					
Orchestra Cloud #3	9	319 - 327					
SL Pin Rail	6	19 - 24			1	521*	
SR Pin Rail	6	25 - 30			1	522*	

# **Electrical Distribution/Lighting Positions**

\* Doubled

# AUDIO

# **Front of House**

Location of Equipment	Manufacturer	Model	Description	Inventory	Notes
FOH					
	Allen & Heath	iLive T112	Mixer	1	
	Allen & Heath	iDR-32	Remote DSP Engine	1	
	Allen & Heath	PL-10	Remote Fader Plate	2	

# Front of House PA, Power, & Speaker Processing

Type of Equipment	Manufacturer	Model	Notes	Main Hall Inventory				
Speakers								
	EAW	AX396	L/C/R - bottom tier	3				
	EAW	AX364	L/R - top tier	2				
	EAW	AX122	Subwoofers	2				
	EAW	JF60z	Front Fill	8				
Amplifiers	Amplifiers							
	Crown	DCI4-1250	4 output (Mains)	1				
	QSC	CMX2000V	Center and Front Fills	1				

# **Monitor System – 8 Total Mixes Available**

Type of Equipment	Manufacturer	Model	Notes	Main Hall Inventory
				-
Amplifiers				
Permanent	QSC	CMX8000V	2 Amps with 2 Channels Each	4 Mixes
Portable***	QSC	RMX2450	2 Amps with 2 Channels Each	4 Mixes
Stage Monitors***				
	EAW	VRM12	12" Monitor	4
	Yamaha	CM15V	15" Monitor	6
	Yamaha	CM12V	12" Monitor	2

\*\*\*Items shared between Butler Hall and Babka Theater

# Microphone/DI/Misc.

Type of Equipment	Manufacturer	Model		Notes	Inventory
					_
Mics / Direct	Boxes***	T		I	T
	Shure	ULXD4-H50	534-538 MHz	Wireless Receiver	9
	Shure	ULXD1		Body Pack Transmitter	9
	Shure	ULXD2/58		Hand Held Transmitter	9
	Shure	ULXP4-G3	470-506 MHz	Wireless Receiver	9
	Shure	ULX		Body Pack Transmitter	3
	Shure	ULX2/58		Hand Held Transmitter	3
	Shure	WL184		Lavaliere Mic	2
	Countryman	E6		Headset Mic	10
	Shure	WCB6		Micro-Lavalier Mic	6
	Shure	SM58			7
	Shure	Beta 58A			1
	Shure	SM57			4
	Shure	Beta 57A			2
	Shure	SM81			2
	Shure	Beta 52A		Kick Drum Mic	1
	Sennheiser	E604		Drum Mics	4
	Audio Technica	Pro 37		Cardioid Condenser	3
	Audix	M1255B		Condenser – Choir Mic	4
	Countryman	Isomax 2-H		Hanging Mic	3
	Rode	NT4		Stereo Condenser – Record Mic	1
	Rode	NT1		Large-diaphragm Condenser	2
	Crown	PCC 160		Floor Mic	4
	Whirlwind	PCDI		Stereo DI - Passive	2
	Whirlwind	Director		DI Box – Passive	5
	Whirlwind	Director-II		Dual DI box - Passive	1
	Behringer	Ultra DI		DI Box - Active	1

Mic Stands, cables and snakes also available

\*\*\* Items shared between Butler Hall and Babka Theater

# Audio Input/Output Locations

Location	Mic Lines	Tie Lines	Speaker Lines	Ethernet	Video	Intercom
DSR Panel	1 - 12	9 - 12	1-4	1-6	1-2	ABCD
DSL Panel	13 - 24	13 - 20	5 - 8	7 – 10	44 – 47	ABCD
US Panel	25 – 28	21 - 24	9 - 12	11 – 14	3-7	ABCD
Orchestra Pit	29 - 40	25 - 28	13 - 16	15 - 18	8 - 9	ABCD
FOH 1	41 - 44	29 - 30	17 - 18	25 – 26	14 – 15	ABCD
Grid	45 - 48	39 - 40	27 - 28	35 - 36	24 - 25	ABCD
FOH 2	49 - 50	31 - 32	19 - 20	27 – 28	16 – 17	ABCD
FOH 3	51 – 52	33 - 34	21 - 22	29 – 30	18 – 19	ABCD
FOH 4 HL	53 - 54	35 - 36	23 - 24	31 – 32	20 – 21	ABCD
FOH 4 HR	55 - 56	37 - 38	25 - 26	33 – 34	22 – 23	ABCD
House Left - Vineyard			29			
House Right - Vineyard			30			
Follow Spot Booth		45 - 46			38 - 39	ABCDx3
Backstage Corridor SL		43 - 44			36 - 37	ABCD
Backstage Corridor SR		41 - 42			34 – 35	ABCD
Stage Manager Panel SR					40 - 43	ABCD
Balcony Face				37 – 42	28 – 29	
Balcony Rear				46	32 - 33	
Balcony HL					26 - 27	
Balcony HR					30 - 31	
Projector Slot					56 - 60	
Control Room - Center		1-8		19 – 24	19 – 24	ABCD
Control Room - HR					48 - 51	ABCD
Tech Table					52 – 55	ABCD
Band Storage						ABCD
Equipment Storage						ABCD
Pin Rail SR						ABCD
Dimmer Room						ABCD
Loading Bridge						ABCD
Scene Shop						ABCD
Costume Shop						ABCD
Pin Rail SR						ABCD
Pin Rail SR						ABCD

# Intercom/ Paging System

### Components\*\*\*

Type of Equipment	Manufacturer	Model	Notes	Inventory
Main Station	Clear-Com	MS704	1 main station is portable	2
Remote Station	Clear-Com	RM704		2
Wired Belt Pack	Clear-Com	RS601		8
Double Muff Headset	Clear-Com	CC-60		2
Single Muff Headset	Clear-Com	CC-95		6
Gooseneck Mic	Clear-Com	GN18	For paging system	2
Handset	Clear-Com	HS-6		2

# Paging System\*\*\*

Integrated into the intercom system is the paging system. There is a monitor to each location, and each location has an independent volume control. The page mic is located stage right on the stage managers rack or in the control booth. The page mic will override the independent volume control in each room, but not the master switch.

### Paging / Program Locations\*\*\*

AV Storage	Follow Spot Booth
Large Dressing Room	Stage Equipment Storage
Small Dressing Room	Loading Dock
Makeup Room	Control Booth
Costume Shop	Corridor
Scene Shop	Costume Shop
Green Room	Black Box Control Room
Dimmer Room	Black Box Dimmer Room
Instrument Storage	Black Box Amp Room

### **Assisted Listening System**

House management maintains control of ALD receivers and distributes them upon request.

Type of Equipment	Manufacturer	Model	Notes	Main Hall Inventory
Assisted Lister	ning			
	Listen	LT-800-072	Transmitter	1
	Listen	LT-300-072	Receiver***	35
	Listen	LA-164	Ear Piece***	35
	Listen	LA-166	Neck Loop***	9

\*\*\* Items shared between Butler Hall and Babka Theater

# **MISCELLANEOUS**

### **Pianos**

- 1 Steinway & Sons Concert Grand Model D 9'-0"
- 1 Yamaha C3 Grand 6'-1"
- 1 Yamaha GC1 Grand 5'-3"
- 1 Yamaha U1-Silent Upright

### Chairs / Music Stands\*\*\*

100 - Wenger musician's chairs70 - Manhasset music stands10 - Music Stand lights

### Staging\*\*\*

8 – 4'x8' Staging Concepts Stage Decks (Black Finish) 60 – 3'-6' Staging Concepts Stage Decks (Black Finish) 15 – "Pie" pieces (different sizes) 44 – 8" Legs 72 – 14" Legs 44 – 16" Legs 44 – 24" Legs 72 – 28" Legs (4 legs needed for each deck)

### Other\*\*\*

- 6-30" Wood Backless Stools (Black)
- 1 Clearsonic 5 Section Drum Shield 24" x 66"
- 1 Blizzard Atmosfear Tour HZ Hazer
- 1-20" Mirror ball with 3 RPM motor

# **BACKSTAGE**

### **Dressing Rooms**\*\*\*

2 dressing rooms with counters, mirrors, toilets, sinks and showers 1 Makeup room located between the dressing rooms equipped with counters, mirrors, outlets, sinks, and mirror lights

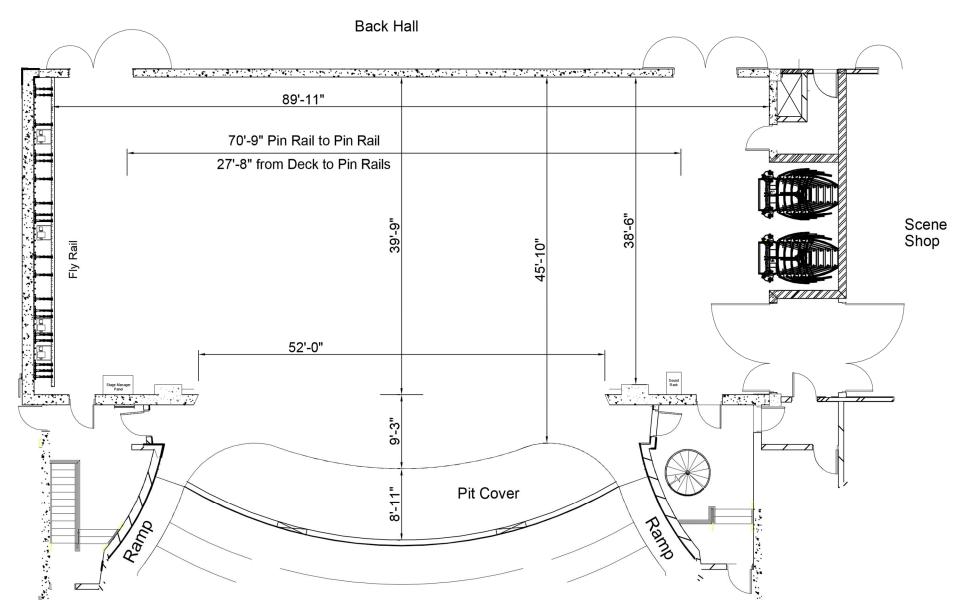
### Laundry\*\*\*

1 – Jiffy Steamer J-4000
1 – Iron
1 – Ironing Board
Washer and Dryer needs can be accommodated on campus with advance notice

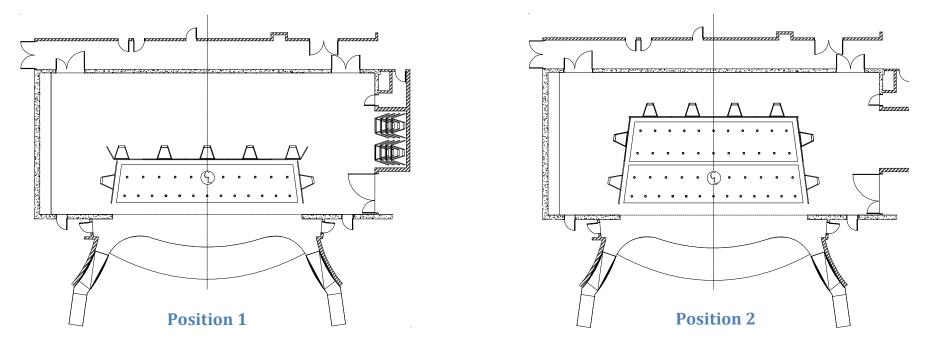
### Green Room\*\*\*

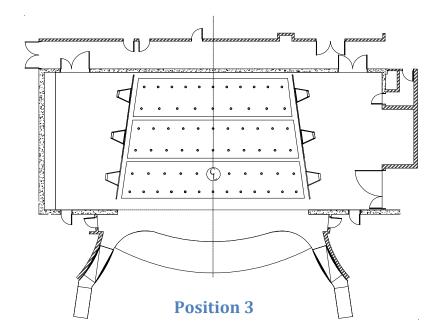
The Green Room is an open lounge located between the Babka Theatre and Butler Hall backstage.

# **STAGE DIMENSIONS**

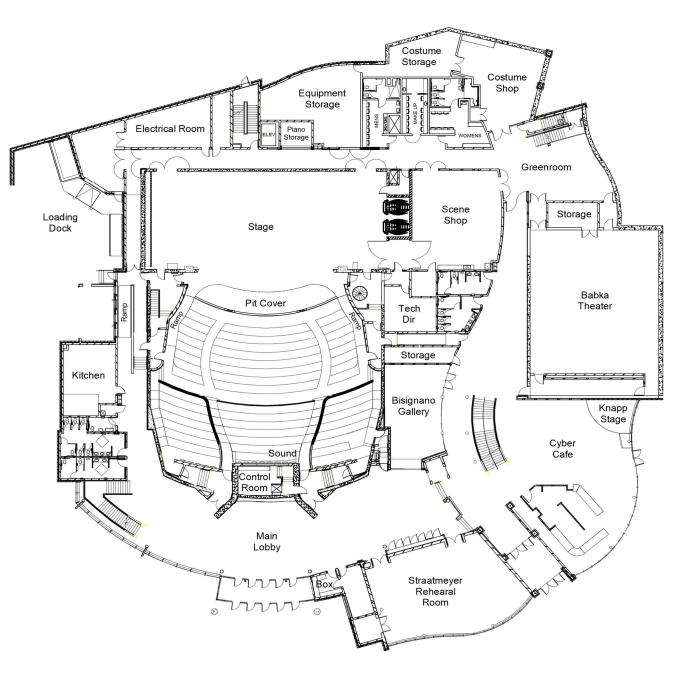


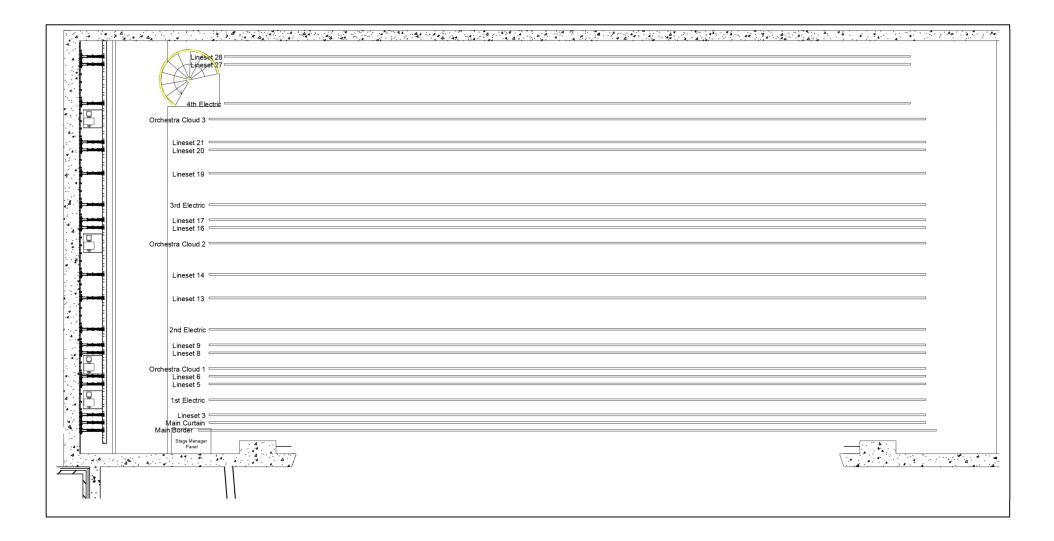
# **ORCHESTRA SHELL POSITIONS**



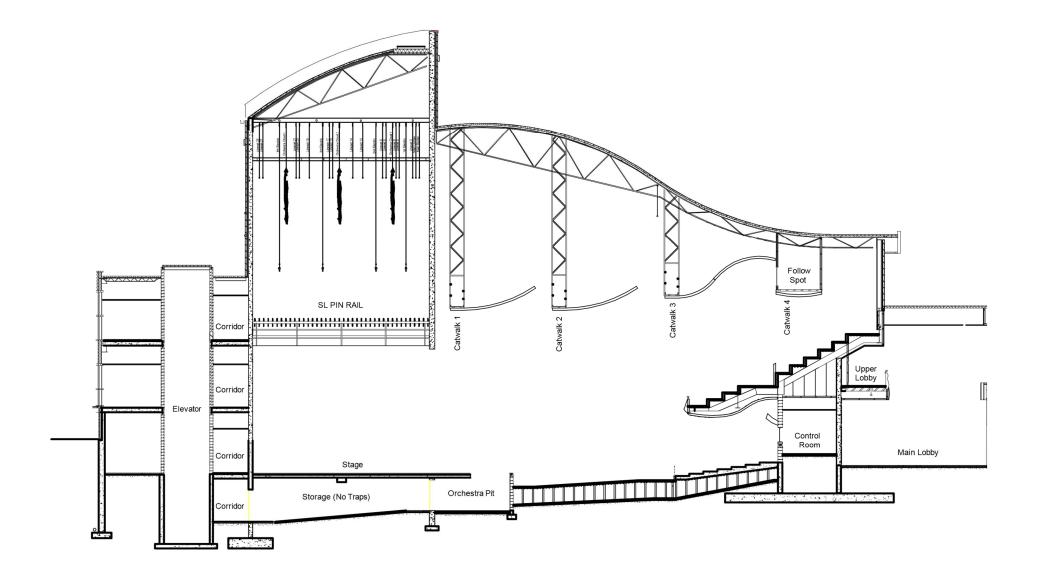


# **FIRST FLOOR LAYOUT**





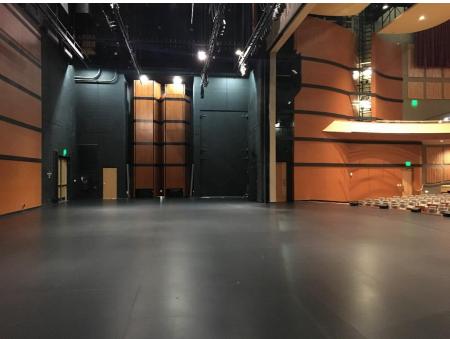
# **CROSS SECTION**











### Hotels (in alphabetical order, no recommendation implied)

Best Western Plus Dubuque Hotel & Conference Center 3100 Dodge St, Dubuque, IA	(563) 557-8000
Country Inn & Suites By Carlson Dubuque, IA 1315 Associates Dr, Dubuque, IA	(563) 583-2500
Days Inn Dubuque 1111 Dodge St, Dubuque, IA	(563) 583-3297
Grand Harbor Resort & Waterpark 350 Bell St, Dubuque, IA	(563) 690-4000
Hampton Inn Dubuque 3434 Dodge St, Dubuque, IA	(563) 690-2005
Hilton Garden Inn Dubuque Downtown 1801 Greyhound Park Rd, Dubuque, IA	(563) 585-5200
Holiday Inn Dubuque 450 Main Street Dubuque, IA 52001	(563) 556-2000
Hotel Julien Dubuque 200 Main St, Dubuque, IA	(563) 556-4200
Redstone Inn & Suites 504 Bluff St, Dubuque, IA	(563) 582-1894
Super 8 Dubuque/Galena Area 2730 Dodge St, Dubuque, IA	(563) 582-8898

# Medical (in alphabetical order, no recommendation implied)

<u>Finley Hospital</u> 4 Miles 350 N Grandview Ave, Dubuque, IA	(563) 582-1881
<u>Mercy Hospital</u> - 1.3 Miles 250 Mercy Dr, Dubuque, IA	(563) 589-8000