

# **Juanita K Hammons Hall**

## **Tech Packet**

### **House Information**

Location of Theatre

525 John Q. Hammons Parkway, Springfield, MO 65806

Names and phone numbers of personnel at the theatre:

Director – Jack Wheeler – (417) 836-6776

jackwheeler@missouristate.edu

Associate Director - Josh Inmon - (417) 836-8949

joshinmon@missouristate.edu

Associate Box Office Manager – Dian Thompson - (417) 836-6776

dianthompson@missouristate.edu

Technical Director - Patrick Wilson - (417) 836-8533

patrickwilson@missouristate.edu

Assistant Technical Director - Jacob Curless - (417) 836-8427

jacobcurless@missouristate.edu

Education, Groups, and Sponsorships - Anjanette Nowell - (417) 836-5711

anowell@missouristate.edu

Front of House Staff - (417) 836-6832

Administrative Fax Number - (417) 836-6891

Technical Staff Fax Number - (417) 836-8525

Box Office - (417) 836-7678

### **Seating**

Orchestra – 1144

Mezzanine - 681

Petite - 337

Boxes - 34

Pit Seating – 68

### **Load-In**

Load in at northwest corner of building. Dock is capable of accepting two trucks. Parking is available in the same lot for 6 additional trucks. Dock is 4'0". Entrance to building is by way of 12' by 12' roll-up door.

Wardrobe may load directly into the wardrobe area by way of 6' by 8' doors left of loading dock.

-

### **How to get to Hammons Hall:**

-From St. Louis, Missouri: Take I-44 South to Springfield

-From Tulsa, Oklahoma: Take I-44 North to Springfield

-From Little Rock, Arkansas: Take US 65 North through Harrison Ark, and Branson, Mo to Springfield

-In Springfield, from I-44: take Glenstone south to Cherry Ave. Turn West on Cherry. Drive 1.5 miles to the to John Q.

-Hammons Parkway. Hammons Hall is the white building on the north side of Cherry. The bus and truck parking is behind the building.

-In Springfield, from the south: Take Glenstone to Cherry St. Turn east on Cherry and drive 1.5 miles to John Q. Hammons Parkway. Hammons Hall is the white building on the north side of Cherry. The bus and truck parking is behind the building.

## **Stage Information**

### **Stage Dimensions**

Proscenium width 60'

Proscenium height 36' (with a sound cloud and catwalk 4' downstage that limits the opening to 29')

Plaster line to back wall 45'

Apron to plaster line 6'8"

Stage width 120'

SR wing 30'

SL wing 30'

Grid height 95'

### **Orchestra Pit** (see drawing for shape of pit)

55'x14' with an additional area of 9' at lowest level.

Pit is hydraulic and can stop at any depth from stage level to 9' deep.

### **Stage floor**

Stagelam Composite flooring covering suspended edge grain pine - black.

Rosco Dance Floor available.

### **Fly system**

59 single purchase counterweight lines.

32 spot lines available SR & SL. Pin rail height 40'.

Available weight -38,890 lbs.

House pipes are 78'0" 1 1/2" O.D.

Capacity of Arbors - 1500 lbs; Hard-wired Electrics - 800 lbs.

### **Masking**

House Curtain is burgundy

5 sets of legs black velour 36'h x 8'w - 4 panels each set

5 borders black velour 16'h x 78'w

One traveler black velour 36'h x 78'w in two sections

One sky blue scrim 36'h x 78'w

One black scrim 36'h x 60'w

One sky blue filled scrim used for cyclorama 36'h x 78'w

### **Wardrobe**

Wardrobe room

3 washers

4 dryers

1 iron and board

Sewing machine

3 Steamers

Dry cleaner is one mile away.

11 rolling racks

### Dressing rooms

Same Level Backstage-Upper dressing rooms

-3 Star - 2 people each

-3 Principle - 8 people each.

Down one floor back stage.-Lower dressing rooms

-2 Chorus - 25 people each.

-1 Orchestra - 12 people.

All of the dressing rooms are equipped with make up mirrors and lights, sinks, lavatories, and showers with hot and cold running water.

### Intercommunication

Ten portable stations of Clear-Com are available. Outlets located in all major areas.

Paging and monitor speakers are located in all dressing rooms and other major backstage areas.

Dry lines are run to the spotlight booth, accessed SR.

### Orchestra Shell

J.R. Clancy custom orchestra shell is available for use.

Size is 60'x36' in front to 45'x29' in back.

Depth is 25'.

When stored, the shell takes up no stage space. The ceiling is permanently hung.

(See hanging plot for locations.) Winches for ceiling are located SL and control is SR.

### Power

2 - Company switches are located Stage Left. 400 amp 3 phase 4 wire - Mechanical ground, water pipe or ground rod available. Ground rod cable must be run separate a total of 100'.

2 - Company switches are located Upstage Left on back wall. 400 amp 3 phase 4 wire - Mechanical ground, water pipe or ground rod available.

1 - Company switch is Stage Right. 200 amp 3 phase 4 wire - Mechanical or cold water pipe available.

2 - Bus shore power disconnects are located at the dock. 60 amp 3 phase 4 wire - Mechanical ground available.

Other power as needed available on request.

| Back of House Rooms |              |        |           |          |                                  |
|---------------------|--------------|--------|-----------|----------|----------------------------------|
| Map #               | Type of Room | Room # | Size      | Phone#   | Location                         |
| 1                   | Star         | 313    | 8'x8'     | 836-8415 | Stage Level, Internet Connection |
| 2                   | Star         | 314    | 8'x8'     | none     | Stage Level                      |
| 3                   | Star         | 315    | 8'x8'     | none     | Stage Level                      |
| 4                   | Medium       | 316    | 10'6"x12' | none     | Stage Level                      |
| 5                   | Medium       | 317    | 10'6"x12' | 836-8546 | Stage Level, Internet Connection |
| 6                   | Medium       | 318    | 10'6"x12' | 836-8547 | Stage Level, Internet Connection |
| 7                   | Wardrobe     | 319    | 13'x24'   | 836-8549 | Stage Level                      |
| 8                   | Green Room   | 308    | 17'x33'   | 836-7603 | Stage Level                      |

|    |                                   |     |                              |                                  |                                    |
|----|-----------------------------------|-----|------------------------------|----------------------------------|------------------------------------|
|    |                                   |     |                              | 836-7604<br>836-8486<br>836-8487 | Internet Connection                |
| 9  | Technical Director                | 320 |                              | 836-8533                         | Stage Level                        |
| 10 | Ass. Technical Director           | 321 |                              | 836-8427                         | Stage Level                        |
| 11 | Chorus                            | 131 | 14'x24'                      | none                             | Basement                           |
| 12 | Chorus                            | 121 | 3'x24'                       | none                             | Basement                           |
| 13 | Chorus                            | 122 | 12'x29'                      | none                             | Basement                           |
| 14 | Crew Dressing Room                | 129 | 7'6"x10'                     | none                             | Basement                           |
| 15 | Crew Dressing Room                | 130 | 7'6"x10'6"                   | none                             | Basement                           |
| 16 | Road Sound Position               | NA  | 10'x17'                      | none                             | Back of Orchestra<br>5' off center |
| 17 | Break Room                        | NA  | 25'x27'                      | none                             | Basement                           |
| 18 | Trap Room                         | NA  | 41'x13'                      | none                             | Basement                           |
| 19 | Sub Assembly Area<br>Loading Dock | NA  | 34'x44'                      | none                             | Stage Level                        |
| 20 | Freight Elevator                  | NA  | 6'x8'x7' with<br>4'x7' doors | none                             | NA                                 |

All phones in these areas are setup for local calls and credit card calls only.

There is a public phone in the dressing room hall - 836-8548 - local and credit card calls only.

## SOUND INFORMATION

### Main Console

Yamaha PM5D

### Main Cluster

The main cluster is centrally located on the 3rd Catwalk and consist of JBL & EAW components and QSC Amps. A 31 band Klark-Teknik EQ for the Main Cluster is located in the rack next to the main console. Road Companies may have access to the main cluster through any microphone jack in the building. The speaker processor for this unit is a dBX Drive Rack PA located in the AMP Room.

### Stereo Clusters

The stereo consists of:

8 - Meyer MSL 4's (4 per side)

4 - Meyer 650 P's (2 per side)

Clusters are in 2 custom portable meat racks and are configured for optimal coverage of the room.

### Satellite Clusters

Hammons Hall has a satellite cluster for the Petite Balcony, consisting of 6 EV ZX1i Series speakers. It can be accessed at the same time and the same way as the main cluster. It can also be accessed independently.

**HAMMONS HALL STRONGLY SUGGESTS THAT ROAD COMPANIES USE THE INSTALLED SATELLITE CLUSTER TO AUGMENT THE COMPANY'S SOUND SYSTEM.**

### **Paging and Show Monitor**

Paging the dressing rooms is possible from the stage manger's panel SR. The dressing rooms can also be given a feed from the main console and/or the road company mixer. This does not interfere with the paging of the same dressing rooms. The lobby can also be paged from the Stage Manager's panel and also from the box office. The lobby also has monitoring capability.

### **Listening System**

Hammons Hall is equipped to aid the hearing impaired. We have 20 wireless listening systems.

### **Equipment**

- 9 - Shure SM 58 (one with switch)
  - 3 - Shure Beta 58M
  - 6 - Shure SM 57
  - 3 - Shure SM 81 Condensor Mics
  - 3 - Electro Voice NL 468 Intrument or Drum Mics with Drum Clamps
  - 2 - AKG C-214 Condensor Mics
  - 4 - Electro Voice RE55 - Omni-directional Mic
  - 1 - Audio-Technica 831A - Lavalier Mic
  - 2 - AKG C-451EB - Modular Condensor Mic - Heads available are Omni- directional.
  - 3 - Crown PCC-160 - Boundary Mic, Cardioid
  - 2 - Crown PZM-30F - Boundary Mic
  - 1 - Crown CM - 200A Cardoid Condensor
  - 2 - Vega Pro-2 - Wireless mic System with diversity antenna. Choice of Handheld or Lavalier.
  - 4 - Shure ULX - Wireless Mic system with diversity antenna. Choice of Handheld or Lavalier
  - 1 - Shure MX-412 Podium Mic
  - 1 - AKG D-112 - Large Diaphragm Mic
  - 7 - JBL VRX915M Wedge Monitors
  - 5 - Klipsch KSM-1 Wedge Monitors
  - 1 - Tascam CD-200i CD player with Ipod dock
  - 1 - Taascam CD RW 901 CD player/recorder
  - 4 - Canare 8 channel Stage Snakes with multi cable stage box
- Variety of stands, snakes, cables and DI boxes

### **Road Company Mix Position**

The road company mix position is located in the back of house. This position has a clear line of sight to the stage and speaker cluster. It is approximately 200' to the stage by way of the cable chase under the floor of the audience or 105' straight run to the stage (See drawing for position).

# LIGHTING INFORMATION

## Lighting Positions

### Front Of House Positions

-1st Catwalk 74' from plaster line - 37 degree throw

Height is 53' from stage floor

Length is 57'

Actual light throw is 91'

35 dimmers - 70 connectors

2 non dims - 4 connectors

3 dedicated - 6 connectors

1 50 amp 6k connector

-2nd Catwalk 35' from plaster line - 47 degree throw

Height is 38' from stage floor

Length is 59'

Actual light throw is 51'

35 dimmers - 70 connectors

2 non dims - 4 connectors

3 dedicated - 6 connectors

1 50 amp - 6k connector

-3rd Catwalk 4' From plaster line - 82 degree throw

Height is 38' from stage floor

Length is 59'

Actual light throw is 29'

35 dimmers - 70 connectors

2 non dims - 4 connectors

3 dedicated - 6 connectors

1 50 amp - 6k connector

-SL & SR Box Boom - 12' from plaster line

Each side has: 12 dimmers -24 connectors

1 non dim - Edison and 3 pin connectors

1 dedicated - 2 connector

-SL & SR Side Slot - 48' from plaster line

Each side has:

10 dimmers -20 connectors

1 non dim - 1 ea. Edison & 3 pin conn.

3 dedicated - 6 connector

-Balcony Rail - 83' from plaster line - 13.5 degree throw

10 dimmers - 20 connectors

2 non dim - 1 ea. Edison and 3 pin conn.

8 dedicated - 16 connectors

1 50 amp - 6k connector

-Petite Rail - 90' from plaster line - 63 degree throw

6 dedicated - 12 connectors

## **On Stage Positions**

-1st Electric - 7' from plaster line  
35 dimmers - 70 connectors  
2 non dims - 4 connectors  
2 dedicated - 4 connectors  
1 50 amp - 6k connector

-2nd Electric - 17' from plaster line  
35 dimmers - 70 connectors  
2 non dims - 4 connectors  
2 dedicated - 4 connectors  
1 50 amp - 6k connector

-3rd Electric - 27' from plaster line  
35 dimmers - 70 connectors  
2 non dims - 4 connectors  
2 dedicated - 4 connectors  
1 50 amp - 6k connector

-4th Electric - 37.5' from plaster line  
35 dimmers - 70 connectors  
2 non dims - 4 connectors  
2 dedicated - 4 connectors  
1 50 amp - 6k connector

-Side Gallery SL & SR - 3 each side  
Each side includes:  
15 dimmers - 30 connectors  
1 non dim

Control Board  
ETC Ion XE

## **Dimmers**

Strand CD 80  
384 2.4k - DMX Control  
11 6k - AMX Control  
37 non dim 2.4k  
31 dedicated 2.4k -AMX Control

## **Lighting Instruments**

Ellipsoidal  
55 - 10" x 23" Strand Lekolite - 1000w  
50 - 8" x 13" Strand Lekolite - 1000w  
50 - 6" x 16" Strand Lekolite - 1000w  
40 - 6" x 12" Strand Lekolite - 1000w  
35 - 6" x 9" Strand Lekolite - 1000w  
24 - 36 degree ETC Source Fours - 575w with  
12 ea - 26 and 4 ea-50 degree light tubes.

Fresnels  
20 - 6" Strand Fresnelite - 750w

40 - 8" Strand Fresnelite - 1000w

Par Cans

24 - Chauvet COLORado Quad Zoom 2

90 - Par 64 - Medium Wide Flood Lamps Narrow

Flood Lamps available

Wide Flood Lamps available.

Cyc Lights

19 - Quartzcolor - "Iris 4" 4 light - 4 circuit-1000w

Followspots

3 - Lycian 1295 XLT 3000w Xenon Long Throw

1 - Super Trouper 2000w Xenon Long Throw

Miscellaneous

8 - Side Trees with 24 side arms

6 - 8" Iris kits

6 - 8" Barndoors

6 - 8" High Hats

4 - 6" Barndoors

4 - 6" High Hats

# Lineset Plot

| Lineset | Position |        | Description                        | Notes                                  |
|---------|----------|--------|------------------------------------|--|
|         | Feet     | Inches |                                    |  |
| 1       | 0        | 3      | Batten                             |  |
| 2       | 0        | 10     | Grand Border (Burgundy) 36h x 74 w | Guillotine                             |
| 3       | 1        | 4      | Main Drape (Burgundy) 36h x 74w    | Traveller                              |
| 4       | 2        | 0      | Batten                             |  |
| 5       | 2        | 3      | Batten                             |  |
| 6       |          |        | Empty                              |  |
| 7       | 3        | 9      | Orchestra Shell                    | Non Movable                            |
| 8       |          |        | Empty                              |  |
| 9       | 4        | 10     | Batten                             |  |
| 10      | 5        | 6      | Batten                             |  |
| 11      |          |        | Side Gallery #1 SL                 | Lighting Ladder                        |
| 12      | 6        | 8      | House 1st Electric                 |  |
| 13      |          |        | Side Gallery #1 SR                 | Lighting Ladder                        |
| 14      | 7        | 10     | Batten                             |  |
| 15      | 8        | 5      | Batten                             |  |
| 16      | 9        | 0      | Batten                             |  |
| 17      | 9        | 7      | Batten                             |  |
| 18      | 10       | 2      | Batten                             |  |
| 19      | 10       | 9      | Batten                             |  |
| 20      | 11       | 4      | Batten                             |  |
| 21      | 11       | 11     | Orchestra Shell                    | Non Movable/Currently switched with 22 |
| 22      | 12       | 6      | Batten                             | 52' Long, 1K Capacity                  |
| 23      | 13       | 7      | Batten                             |  |
| 24      | 14       | 2      | Batten                             | 52' Long, 1K Capacity                  |
| 25      |          |        | Empty                              |  |
| 26      | 14       | 10     | Batten                             |  |
| 27      | 15       | 5      | Batten                             |  |
| 28      | 16       | 0      | Batten                             |  |
| 29      | 16       | 7      | House 2nd Electric                 |  |
| 30      | 17       | 2      | Empty                              |  |
| 31      | 17       | 10     | Batten                             | 60' Long                               |
| 32      | 18       | 4      | Batten                             | 60' Long                               |
| 33      | 18       | 11     | Batten                             | 60' Long                               |
| 34      | 19       | 6      | Batten                             |  |
| 35      | 20       | 1      | Batten                             |  |
| 36      | 20       | 9      | Batten                             |  |
| 37      | 21       | 5      | Batten                             |  |
| 38      | 21       | 11     | Batten                             | 60' Long                               |
| 39      | 22       | 4      | Batten                             | 60' Long                               |
| 40      | 23       | 1      | Batten                             | 60' Long                               |
| 41      | 23       | 7      | Batten                             |  |
| 42      | 24       | 1      | Batten                             | 60' Long                               |
| 43      | 24       | 9      | Batten                             | 60' Long                               |
| 44      | 25       | 4      | Batten                             | 60' Long                               |
| 45      | 26       | 0      | Batten                             | 60' Long                               |
| 46      | 26       | 6      | House 3rd Electric                 | Can be converted to 60' batten         |
| 47      |          |        | Side Gallery #2 SR                 | Lighting Ladder                        |
| 48      | 27       | 8      | Batten                             | 52' Long, 1K Capacity                  |
| 49      | 28       | 3      | Batten                             |  |
| 50      | 28       | 10     | Batten                             | 52' Long, 1K Capacity                  |
| 51      |          |        | Empty                              |  |
| 52      | 29       | 11     | Batten                             |  |
| 53      | 30       | 5      | Batten                             | 52' Long, 1K Capacity                  |
| 54      | 31       | 2      | Batten                             |  |
| 55      | 31       | 9      | Batten                             |  |
| 56      | 32       | 3      | Batten                             |  |
| 57      |          |        | Empty                              |  |
| 58      | 33       | 6      | Batten                             |  |
| 59      | 34       | 1      | Batten                             |  |
| 60      | 34       | 8      | Batten                             |  |
| 61      | 35       | 4      | Batten                             |  |
| 62      | 35       | 11     | Batten                             |  |
| 63      |          |        | Side Gallery #3 SL                 | Lighting Ladder                        |
| 64      | 37       | 0      | House 4th Electric                 |  |
| 65      |          |        | Side Gallery #3 SR                 | Lighting Ladder                        |
| 66      |          |        | Empty                              |  |
| 67      | 38       | 9      | Batten                             |  |
| 68      | 39       | 4      | Batten                             |  |
| 69      | 39       | 11     | Batten                             |  |
| 70      | 40       | 6      | Batten                             |  |
| 71      |          |        | Empty                              |  |
| 72      | 41       | 7      | Batten                             |  |
| 73      |          |        | Empty                              |  |
| 74      | 42       | 10     | Batten                             |  |
| 75      | 43       | 6      | Batten                             |  |
| 76      | 44       | 0      | Batten                             |  |

## Rigging

### Grid

Capable of 1 ton anywhere on the grid, 2 tons in the wells.

Many rigging pipes available.

FOH

These points are just downstage of the Proscenium.

