

# FORBES CENTER

FOR THE PERFORMING ARTS

AT JAMES MADISON UNIVERSITY

Shirley Hanson Roberts Center for Music Performance

## CONCERT HALL

Technical Specifications



**Revised: July 2017**

The information in this document is subject to change.  
To ensure that you have the most up-to-date information contact the Production Office

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## CONTACT INFORMATION

### Key Contacts:

#### Contracts/Masterclasses/Booking

Executive Director  
540-568-4393

#### Production/Advance Technical Support

Production Services Manager  
540-568-4395  
[forbesproduction@jmu.edu](mailto:forbesproduction@jmu.edu)

#### PR/Marketing/Photography/Program

Public Relations Coordinator  
540-568-4394

#### Hospitality/Hotel/Merchandise

Theatre Operations Associate  
540-568-6358

#### Box Office/Seating Holds/House Holds/Tickets

Box Office Manager  
540-568-64411

**JMU Public Safety:** 540-568-6913

Box Office: 540-568-7000  
Box Office Fax: 540-568-2787

Web Address [www.jmuforbescenter.com](http://www.jmuforbescenter.com)

## BOOKING / RENTAL REQUESTS

The Forbes Center is dedicated to providing the best professional arts experience for James Madison University students while sharing award winning theatre and music performances with the public. However, the venues are not available for rent. Professional performing arts companies interested in becoming part of future performance seasons should contact the Executive Director.

## MAILING ADDRESS / SHIPPING INFORMATION

**Mailing Address:** (Letter and small parcel shipping, for information regarding freight deliveries contact the Production Office)

Forbes Center for the Performing Arts– MSC 2107  
871 S Main St  
Harrisonburg, VA 22807

### Main Loading Dock Address:

147 Warsaw Ave  
Harrisonburg, VA 22807

## DIRECTIONS / PARKING INFORMATION

To arrive at the Forbes Center via GPS navigation, you can use:

- 1) 147 Warsaw Avenue, Harrisonburg, VA, or
- 2) 38°26'23.85"N 78°52'37.31"W

### From I-81

Take Exit 245 (Port Republic Road).

From the North, turn right at the end of the ramp and continue to the second light. From the South, turn left at the end of the ramp and continue to the third light. Turn right onto S. Main Street. At the first light, turn left onto Warsaw Avenue. Continue on Warsaw Avenue and follow the road and signage to the right. At the stop sign, turn right onto Patterson Street. The entrance to the **Warsaw Avenue Parking Deck** will be on your right.

To access the loading docks continue straight on Patterson Street and enter the traffic circle to arrive at the **West Plaza**. Take the first exit from the traffic circle. The access road opens into the **JMU Red Zone Parking Lot I**.

The loading dock nearest the West Plaza is **Loading Dock #2**. The loading dock nearest S. Main Street is the **Loading Dock #3**.

**Event Parking-** Event parking during performances is located in the Warsaw Avenue Parking Deck adjacent to the Forbes Center. Additional parking information may be found at

<http://www.jmu.edu/parking> . For visits to the Center outside of performance times; including the load-in, rehearsal and load-out of performances, visitors to the Forbes Center must acquire a temporary parking permit available from the Production Office.



All guest artists' cars must be registered through the Production Office and display passes provided by the office.

**Production Parking: Truck and Bus** - In many cases, production trucks will be permitted to remain parked in the loading dock area for the duration of the production. This must be advanced with the Production Office prior to arrival.

Tour buses may receive permission from the Production Office to park in the loading dock if space is available.

**LOADING DOCKS**

The Forbes Center Concert Hall is served by two loading docks. Contact the Production Office to determine which dock will be used for your production.

Loading Dock #2 (at stage level; located backstage right, includes a loading dock leveler)

- Loading Dock Height: 4'-0"
- Loading Dock Width: 16'-6"
- Loading Dock to Ceiling Height: 9'-0"
- (Roof over dock does not extend beyond dock)

- Loading Dock Door Dimensions:
- Width: 10'-0"                      Height: 7'-10"
- Concert Hall Backstage Access Door Dims:
- Width: 5'-3"                      Height: 6'-11"
- (Approx. 32' from loading dock door)
- Concert Hall Stage Access Door Dimensions:
- Width: 6'-5"                      Height: 7'-4"
- (Approx. 98' from loading dock door)



Loading Dock #3 (at stage level; located backstage left)

- Loading Dock Height: 3'-0"
- Loading Dock Width: 16'-4"
- No roof over dock
- Loading Dock Door Dimensions:
- Width: 5'-0"                      Height: 7'-11"
- Concert Hall Backstage Access Door Dims:
- Width: 5'-3"                      Height: 6'-11"
- (Approx. 41' from loading dock door)
- Concert Hall Stage Access Door Dimensions:
- Width: 6'-5"                      Height: 7'-4"
- (Approx. 105' from loading dock door)





## Shore power:

The Forbes Center is in the process of adding a shore power tie-in at loading dock #2. For questions and/or requests for shore power contact the Production Office.

## POLICIES

**Fire Safety** - James Madison University is under the jurisdiction of the City of Harrisonburg, and its rules and procedures govern practices. All local, state, and federal laws apply.

No use of open flame or smoking, including smoking by performers on stage as part of a performance, is permitted by the University. For theatrical use on stage only, electronic cigarettes may be approved for use on stage but may incur a fee.

**Pyrotechnics and Atmospheric** - Pyrotechnics and Atmospheric of any kind are not permitted in any venue in the Forbes Center for the Performing Arts. This includes but is not limited to foggers, hazers, dry ice, candles, and cigarettes of any kind.

*The center reserves the right to ban confetti, glitter or other air born effects.*

**Rigging and Overhead Safety** - Any objects suspended in the Forbes Center must meet OSHA rules and regulations. All hardware MUST be rated for overhead lifting. Final approval of all rigging will be determined by the Production Office or designated agent.

**Food and Beverage** - The consumption of food and beverage is restricted to the green room and designated reception areas. No food or drinks are allowed on stage, with the exception of water in closed containers and consumables essential to the production as pre-arranged with the Production Office. *No food or beverages may set on any of the Forbes Center pianos.*

**Signage** – No signage may be affixed to any wall, door, or other surface in any area of the Forbes Center including hallways, lobbies, backstage and dressing room areas via any method including removable tape and blue tac. Any requests for signage must be addressed to the Production Office which will coordinate appropriate placards and displays which will not damage the building surfaces.

**Nails/Pins** - The visiting company may not drive nails, pins, tacks or other objects into building surfaces.

**Technical Changes** - Requests for changes to lighting, audio or stage equipment must be requested through the Production Office.



**Life Safety** - Fire extinguishers and life safety equipment may not be moved or obstructed.

**Aerial / Man Lifts** - The Concert Hall maintains a IWP-30S Genie lift. Use of the lift must be approved by the Production Office and only qualified persons may operate the lift.

**Firearms** - The possession of and use of firearms other than theatrical stage props is prohibited in all areas of the university. The use of theatrical firearms must be approved by the university Office of Public Safety, contact the Production Office to submit a request to use a theatrical firearm.

**Painting / Carpentry** - Visiting productions requiring access to electrical, carpentry or paint shops for repairs or maintenance to equipment must make a request to the Production Office which will determine if shop access may be provided. *Shop access is not guaranteed.* Under no circumstances will painting, carpentry or any work generating dust and debris be allowed to occur on stage. Loading docks are not to be used for painting or carpentry work without receiving approval from the Production Office and appropriate drop cloths must be used.

**Damages** - Any damages to Forbes Center property must be brought to the attention of Center staff.

#### GENERAL INFORMATION

**Support Areas** - There is a green room with partial kitchen located on the East side of the Concert Hall. A wardrobe room with washer, dryer, steamers, and irons may be available, but advance notice is **required**. A freight elevator is located backstage providing access to Concert Hall balcony and 1<sup>st</sup> floor rehearsal rooms. *Contact the Production Department **in advance** concerning need and availability of all support areas.*

**Office Space** – No specific office space is available for visiting productions. Productions performing at the Center may utilize one or more of the dressing rooms or the green room.

**Internet Access** - All dressing rooms and the green room are equipped with wireless internet access.

**Telephones** - All campus phone numbers are in the 568 exchange. From a campus line, you can simply dial 8 followed by the last four digits. For all other calls from a campus line, you must dial 9 to get out of the building.

**Pianos** - James Madison University is proud to be an All Steinway school and maintains a number of Steinway pianos. Visting artists requiring use of a piano should contact the Production Office. A full time piano tuner is available.



**Technical Crews** - Technical crews assigned to productions will be comprised of James Madison University students under the direction of the Production Office. These students have been trained by the faculty and staff and are instructed to provide as near professional service as possible. The knowledge, training, and experience of each student technician may vary, and continuity of crew from rehearsal to performance cannot be guaranteed without advance confirmation from the Production Office. The number of stagehands provided per event will be determined by the production office after consultation with the visiting company.

**Building Tours / Visits** - All building visits and/or tours by visiting companies must be arranged in advance with the Production Office. A contract to perform in or utilize building spaces does not guarantee tour or visit access.

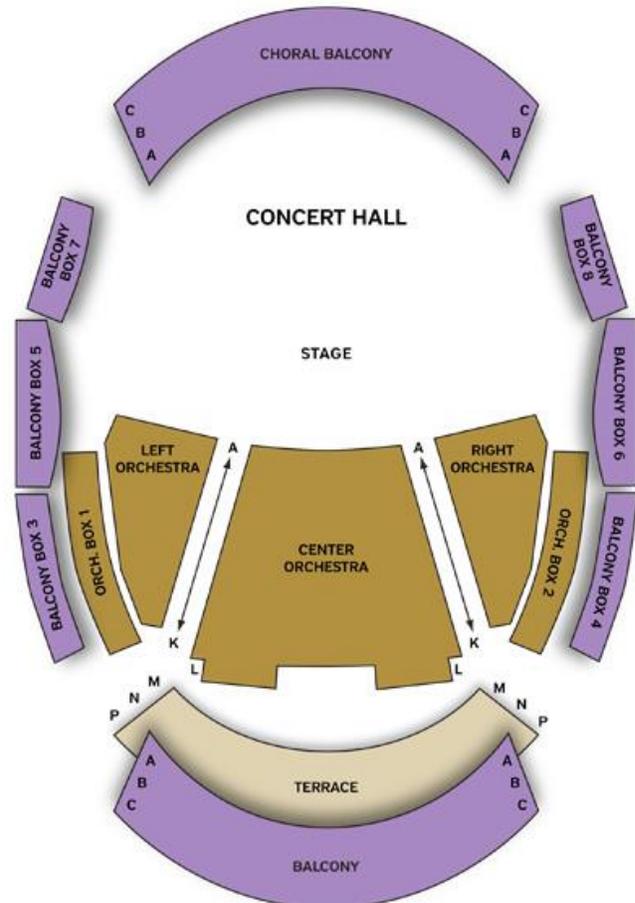
**Student Access** – The Forbes Center is proud to serve as an educational facility for James Madison University students. Student classrooms and rehearsal spaces share hallways and doors with the Concert Hall and lobbies. Visiting companies should expect students to be present in the building during load-in, rehearsal and performance times. Students not assigned to work in the Concert Hall will be restricted from all Concert Hall spaces including dressing rooms and green rooms utilized by the visiting company. Any special requests to further restrict access to common areas of the center should be addressed to the Production Office or included in the performance contract.

**SEATING**

The Concert Hall is a 599-seat European-style concert hall with a choral balcony behind the stage.

**Seating by Section**

|   |            |
|---|------------|
| Left Orchestra                          | 47         |
| Orchestra Center                        | 163        |
| Right Orchestra                         | 47         |
| Orchestra Box 1                         | 10         |
| Orchestra Box 2                         | 10         |
| Orchestra Terrace                       | 89         |
| <b>TOTAL AT ORCHESTRA LEVEL</b>         | <b>366</b> |
| <br>                                    |            |
| Balcony                                 | 99         |
| Balcony Box 3                           | 6          |
| Balcony Box 5                           | 8          |
| Balcony Box 7                           | 8          |
| Balcony Box 4                           | 6          |
| Balcony Box 6                           | 8          |
| Balcony Box 8                           | 8          |
| <b>TOTAL IN BALCONY BOXES</b>           | <b>44</b>  |
| <br>                                    |            |
| <b>TOTAL IN BALCONY W/O CHORAL LOFT</b> | <b>143</b> |
| <b>TOTAL IN BALCONY W/ CHORAL LOFT</b>  | <b>233</b> |
| <br>                                    |            |
| <b>TOTAL HOUSE W/O CHORAL BALCONY</b>   | <b>509</b> |
| <b>TOTAL HOUSE W/ CHORAL BALCONY</b>    | <b>599</b> |



**STAGE**

**Dimensions**

- Plaster Line: 60'-9" W
- Midstage: 56'-4" W
- Front of Stage to Back of Stage: 42'-6"
- Plaster Line to D.S. Edge of Apron: 4'-6"
- Plaster Line to back wall: 38'-0"
- Plaster Line to rigging point #1: 6'-0 1/2"
- Plaster Line to rigging point #2: 21'-0 1/2"
- Plaster Line to rigging point #3: 35'-1"
- Back of House to Back of Stage: 94'-10"
- Traps: NONE





**Stage Floor** - The Concert Hall stage floor is covered with birch flooring. Attaching or anchoring to the floor in any way is not permitted. Any equipment to be used on the Concert Hall stage that is deemed to pose a threat to the finish of the floor must be approved for use by the Production Office and may be required to be placed on a protective surface.

**Piano Pit -**

Depth below stage level when at lowest point: 8'-6"

Stage floor opening: 37'-1" W          7'-6" D

Ceiling clearance on pit shelf: 7'-0"

Safe door clearance entering pit: 6'-3"

The Piano Pit lift is a Gala Systems Spiralift. It has three set stops: stage level, pit level and a programmable mid stop. Controls are operated by a wand with a 50' tail. Available points of connection are located backstage, in the pit, and on the lift.

Time to raise and lower: 1:30 from top to bottom when empty; speed varies with altered payload.

**Acoustic Ceiling** - A series of 9 panels comprise the acoustic ceiling over stage. These panels are fixed position, and include recessed instruments to provide no-color down light. Rigging from these panels is not permitted. Height at lowest point: 24'-1"

**Adjustable Acoustics** - The Concert Hall is equipped with a series of traveling curtains and banners that can be deployed or stored to vary the acoustics of the room. Adjustment of these curtains mid-performance is not recommended due to the speed of movement and noise generated during operation.

Only Forbes Center staff members are allowed to operate the curtains. A staff member familiar with the operation of this system will be on-call during load-in, rehearsals, and performances.

**PROJECTION EQUIPMENT**

Christie LX1000 with  
 Long Throw Zoom Lens (38-809042-52) 4.6-6.0 Throw Ratio  
 Short Zoom Lens (38-809037-52) 1.3-1.8 Throw Ratio  
 1024x768 resolution 3 LCD  
 10000 ANSI lumens  
 3000:1 contrast  
 61.8 lbs

Sanyo PDG-DHT100L with  
 Long Zoom Lens (LNS-T50) 2.8-5.0 Throw Ratio  
 Standard Zoom Lens (LNS-S50) 1.8-2.8 Throw Ratio  
 1920x1080 resolution DLP  
 6500 ANSI lumens  
 7500:1 contrast  
 43.6 lbs

Pending availability, the following may be accessible with advance notice:  
 Ultra Long Zoom Lens (LNS-T51) 4.8-8.0 Throw Ratio  
 Short Zoom Lens (LNS-W51) 1.2-1.5 Throw Ratio

Da-Lite Motorized Hanging Projection Screen (16:9)  
 10'-4 3/4" H x 18'-0" W  
 20'-9 1/2" Diag.

Da-Lite FastFold Portable Floor-Supported Projection Screen (4:3)  
 9'-0" H x 12'-0" W  
 includes full black dress kit

**ADDITIONAL EQUIPMENT**

- |                             |  |
|-----------------------------|--|
| (1) Hand truck              | (1) 6' fiberglass stepladder type 1A                                       |
| (1) 2'x4' Flatbed cart      | (2) 8' fiberglass stepladder type 1A                                       |
| (1) 3'x4' Flatbed cart      | (1) 10' fiberglass stepladder type 1A                                      |
| (6) 18"x30" Furniture Dolly | (1) Genie Lift IWP-30S(max. platform height: 29'-6";<br>max load: 350lbs.) |
| (2) 18"x30" Solid Top Dolly |  |
| (1) Open Deck Panel Cart    |  |

**ELECTRICAL SWITCHES**

There are four 3-phase AC power disconnects available in the Concert Hall. All have a set of reverse ground and neutral cam-lock connectors and lugs for bare wire.

**Two 400-amp** panels are located at stage level backstage right. **One 100-amp** service is located at stage level backstage left.



**One 200-amp** switch is located at catwalk level house left on the choral balcony, upstage, end of the room. This switch typically feeds the LED stage lighting rig. If you intend to utilize this company switch to power your own equipment, the house LED package will not be available for your performance.

Only authorized personnel are permitted to tie in to company switches. If a company switch is needed for your show, please inform the Production Office as soon as possible to allow the necessary arrangements to be made.

**INTERCOM / WIRELESS SYSTEMS**

Clear-Com positions are available throughout the house and backstage area. Additionally, a 4-belt-pack wireless HME system is setup to interface with the wired network. The Production Office will attempt to accommodate intercom requests that are within the architectural constraints of the system.

|   |  |                          |    |  |                         |
|---|--|--------------------------|----|--|-------------------------|
| 1 | PS-704                                     | 4-Channel Power Supply   | 4  | KB-702                                 | Dual Channel Speaker    |
| 1 | RM-704                                     | 4-Channel Remote Station | 11 | CC-95                                  | Single Muff Headset     |
| 8 | RS-601                                     | Single Channel Beltpack  | 5  | CC-260                                 | Double Muff Headset     |
| 5 | RS-602                                     | Dual Channel Beltpack    | 1  | HS-6                                   | Telephone-style Handset |
| 4 | FL-7                                       | Call Signal Flasher      |    |  |                         |
| 1 | HME Pro850 Wireless 2-channel base station |                          | 3  | HME Pro850 Wireless 1-channel beltpack |                         |
| 1 | HME Pro850 Wireless 2-channel beltpack     |                          |    |  |                         |

**Wireless Frequencies**

The following wireless frequencies are in use by house equipment. Unless prearranged, please assume that these systems may be used during your production for normal house operation.

|                           |                      |
|---------------------------|----------------------|
| 2-way Radio Communication | HME Wireless         |
| 462.36250                 | 490.250      634.000 |
| 467.36250                 | 491.750      635.125 |
|                           | 633.375      637.000 |
| Sennheiser Wireless       |                      |
| 584.000-596.000           |                      |

**AUDIO EQUIPMENT**

**CONSOLE**

Yamaha M7CL V3 – 32 channel

**LOUDSPEAKER SYSTEM**

MAIN STEREO CLUSTER (per side)

- 2 JBL VRX932LAP (total of 4)
- 1 JBL VRX918SP (total of 2)

ORCHESTRA FRONT FILLS

- 7 Renkus-Heinz SGX41

TERRACE FILLS

- 4 Renkus-Heinz IC7-II

BALCONY FILLS

- 9 JBL VRX932LAP
- 3 Renkus-Heinz PN81/9

FLOATER POWERED SPEAKERS

- 2 Renkus-Heinz CF18S-5
- 2 Renkus-Heinz ST4/44R

MONITORING SYSTEM

- 8 Renkus-Heinz CF121M-2 (floor wedge)
- 2 Renkus-Heinz PNX121M (w/ stand)

LOUDSPEAKER MANAGEMENT SYSTEM

BSS Audio System  
w/ London Architect control software

**PLAYBACK/EFFECTS PROCESSORS**

- 1 Denon DN-C640 CD Player
- 1 MacBook Pro running QLab 3; stereo output
- 1 Lexicon PCM96 Stereo Reverb Effects Processor

**WIRELESS RECIEVERS/TRANSMITTERS**

- 8 Sennheiser ew 500 G3 Receiver
- 6 Sennheiser EK 2000-GW Compact Receiver
- 8 Sennheiser SK 500 G3 Bodypack Transmitter
- 13 Sennheiser SKM 500-965 G3 Handheld Transmitter
- 8 Sennheiser SKP 100 G3-G Plug-on Transmitter, XLR
- 10 Sennheiser MKE2 Gold elements

**MICROPHONES**

- 2 AKG C 414 XLS (9-pattern condensor)
- 2 AKG C 414 XLII (9-pattern condensor)
- 4 AKG C 535 EB (cardioid condensor)
- 2 AKG D112 (large-diaphragm dynamic)
- 2 Cascade Fat Head (ribbon) stereo pair  
Lundahl transformers
- 4 Neumann KM184 (cardioid condensor)  
2 matched stereo pairs
- 4 Sennheiser e609 (supercardioid dynamic)
- 2 Sennheiser ME36 (shotgun condensor)  
ME36 capsule  
MZH3015 gooseneck mic  
MZQ100 mic clip
- 2 Sennheiser MD421-II (cardioid dynamic)
- 2 Shure Beta 52A (kick drum mic)
- 4 Shure Beta 57A (supercardioid dynamic)
- 6 Shure Beta 58A (supercardioid dynamic)
- 6 Shure KSM141 (2-pattern condensor)
- 8 Shure MX185 (cardioid condensor lavalier)
- 6 Shure SM57-LC (cardioid dynamic)
- 6 Shure SM58-LC (cardioid dynamic)
- 1 Shure SM58S (switched cardioid dynamic)
- 2 Shure SM 81-LC (cardioid condensor)

**DIRECT BOXES/SPLITTERS**

- 8 Radial J48-MK2 Active Direct Input Box
- 3 Radial JDI-MK3 Passive Direct Input Box
- 2 Radial JPC Stereo Active Direct Input Box
- 2 Countryman DT85 FET Direct Box
- 1 Whirlwind Mic Splitter (24 In, 1 parallel, 1 Isolated)

**MIC STANDS**

- 6 K&M One Hand Microphone Round-base Stand
- 12 K&M One Hand Microphone Tripod Stand
- 24 K&M Black Tripod Mic Stand w/ Boom
- 6 K&M Black Low Level Tripod Boom Stand



## **BACKLINE EQUIPMENT**

- 1 Fender Deluxe Reverb Reissue
- 1 Gallien-Krueger 800RB bass headamp
- 1 Gallien-Krueger Neo 115-III
- 1 SWR Red Head bass amp/speaker combo

## **PERCUSSION EQUIPMENT**

- 1 Yamaha Stage Custom Drum Kit (All Birch Shell) 20" kick
  - 10" rack tom
  - 12" rack tom
  - 14" floor tom
  - 14" x 5.5" snare plus hardware

## **RECORDING SYSTEM**

### **AVID/PRO TOOLS HD -APPLE MAC PRO**

- 3.5 Ghz 6-Core Intel Xeon E5
- 32 channel I/O

### **MICROPHONES**

- (10) Neumann TLM-170
- (6) Schoeps CMC6 with various capsules
- (2) Audix SCX-25
- (2) Audic SCX1-O

### **CONTROL**

- (18) ServoReelers supporting (9) 2-channel trapeze bars controllable with Crestron interface or iPad.

### **I/O AUDIO INTERFACES**

- (2) m802 8-channel Grace Design mic preamplifiers, remote controlled. (16 channel Grace Design A-D conversion)
- (2) Aviom 6416 dio ethernet interfaces
- (2) Focusrite ISA828 8-channel mic preamplifiers
- (1) Avid HD I/O – 16 channel digital
- (1) Avid HD I/O – 16x16 A-D
- (2) Avid HD I/O – 8x8x8 A-D

**LIGHTING EQUIPMENT**

**CONSOLE**

- ETC Ion 2000 (2048 channels)
  - 2 Elo Touchscreen Monitors
  - 1 2x20 Universal Fader Wing
  - 1 1x20 Universal Fader Module
  - 1 Radio Focus Remote
  - 1 Remote Video Interface
    - 2 Elo Touchscreen Monitors
    - 2 2x10 Universal Fader Wing

**DMX**

- 1 4-port ETC Net3 DMX Node
  - 8 2-port ETC Net3 DMX Node
- Net taps available throughout venue

**LED FIXTURES AND ACCESSORIES**

- 30 ETC Selador Vivid-R 21", 250w
- 40 ETC Selador Vivid-R 11", 125w
- 32 H20 Lens
- 32 V20 Lens
- 48 H30 Lens
- 48 V30 Lens
- 80 H40 Lens
- 80 V40 Lens
- 18 H60 Lens
- 18 V60 Lens
- 32 Trunnions (Pair)
- 20 21" Barndoor
- 40 11" Barndoor

**CONVENTIONAL FIXTURES**

- 2 ETC Source 4 ERS 5 deg, 575w
- 8 ETC Source 4 ERS 10 deg, 575w
- 20 ETC Source 4 ERS 19 deg, 575w
- 60 ETC Source 4 ERS 26 deg, 575w
- 20 ETC Source 4 ERS 36 deg, 575w
- 12 ETC Source 4 ERS 50 deg, 575w
- 6 ETC Source 4 ERS 70 deg, 575w
- 20 ETC Source 4 PAR, 575w
  - 48 VN5P Source 4 PAR Lenses
  - 59 NSP Source 4 PAR Lenses
  - 68 MFL Source 4 PAR Lenses
  - 11 WFL Source 4 PAR Lenses
- 34 Permanently recessed downlight: ETC Source 4 PAR, 575w

**FOLLOW SPOT**

- 2 Lycian M2 Modular Follow Spot

**CABLING**

- 31 Two-fers
- 24 Three-fers
- 2 Male Edison to Female Stagepin adapter
- 2 Male Stagepin to Female Edison adapter
- 48 5' Male to Female Stagepin
- 47 10' Male to Female Stagepin
- 16 25' Male to Female Stagepin
- 10 50' Male to Female Stagepin
- 18 5' Male to Female Edison
- 17 10' Male to Female Edison
- 8 25' Male to Female Edison
- 5 50' Male to Female Edison
- 2 100' Male to Female Edison
- 4 25' Lex Products 20A 6-outlet in-line Edison
- 1 1' Male to Female Quad-box Edison
- 4 10' Male to Female Quad-box Edison
- 1 50' Male to Female Quad-box Edison

**ACCESSORIES**

- 19 7 1/2" Gel Frames
- 212 6 1/4" Gel Frames
- 8 12" Gel Frames
- 2 14" Gel Frames
- 62 Source 4 PAR Gel Frames
- 46 B-size ETC Source-Four Gobo Holders
- 24 B-size Double Glass Gobo Holders
- 12 S4 Drop-In Irises

**OTHER**

- 6 Littlelites
- 48 Belmonte Clip-On Music Stand Lights
- 6 12" Sidearms
- 4 Floor Mount Bases
- 6 50-pound SSRC Boom Bases
- 3 6'6" Unthreaded Schedule 40 Pipe
- 7 7' Unthreaded Schedule 40 Pipe
- 6 7'6" Unthreaded Schedule 40 Pipe
- 3 8' Single-Threaded Schedule 40 Pipe
- 2 10' Double-Threaded Schedule 40 Pipe
- 1 11' Unthreaded Schedule 40 Pipe
- 1 21' Unthreaded Schedule 40 Pipe

**CIRCUIT SCHEDULE**

**Dimmable Circuits**

Each of the following are 20A circuits powered by ETC SineWave Dimmer Modules:

|                     |     |              |                     |      |              |
|---------------------|-----|--------------|---------------------|------|--------------|
| Piano Pit           | (3) | 1 thru 3     | Balcony House Left  | (6)  | 34 thru 39   |
| Backstage Left      | (6) | 4 thru 9     | 1 <sup>st</sup> Cat | (20) | 40 thru 59   |
| Backstage Right     | (6) | 10 thru 15   | 2 <sup>nd</sup> Cat | (14) | 60 thru 73   |
| Orchestra Box Left  | (3) | 16A thru 18A | Recessed Over Stage | (17) | 74 thru 90   |
| Orchestra Box Right | (3) | 16B thru 18B | Choral Balcony Cat  | (5)  | 91 thru 95   |
| Balcony Rail Left   | (3) | 19 thru 21   | DSL Over Stage      | (6)  | 97 thru 102  |
| Balcony Rail Center | (3) | 22 thru 24   | DSR Over Stage      | (6)  | 103 thru 108 |
| Balcony Rail Right  | (3) | 25 thru 27   | USL Over Stage      | (6)  | 109 thru 114 |
| Balcony House Right | (6) | 28 thru 33   | USR Over Stage      | (6)  | 115 thru 120 |

**Non-dim Circuits**

There are a number of 20A circuits distributed across the stage and throughout the house.

**House Lights**

Each of the following are powered by ETC SineWave Dimmer Modules:

|                               |     |                             |     |
|-------------------------------|-----|-----------------------------|-----|
| Orchestra Level SLL           | 121 | Balcony Box R Downlight     | 129 |
| Orchestra Downlight 2         | 130 | Balcony Wall Wash HL        | 133 |
| Orchestra Downlight 1         | 131 | Balcony Wall Wash C         | 144 |
| Orchestra Terrace Downlight A | 122 | Balcony Wall Wash HR        | 134 |
| Orchestra Terrace Downlight B | 123 | Balcony Front Glow SR       | 136 |
| Orchestra L Box Downlight     | 124 | Balcony Front Glow HL       | 137 |
| Orchestra R Box Downlight     | 141 | Balcony Front Glow C & HL   | 138 |
| Orchestra L Box Wall Wash     | 142 | Balcony Front Glow HR       | 139 |
| Orchestra R Box Wall Wash     | 143 | Balcony Front Glow SL       | 140 |
| Balcony Level SLL             | 126 | Choral Balcony HR Downlight | 125 |
| Balcony Box L Downlight       | 127 | Choral Balcony HL Downlight | 132 |
| Balcony Center Downlight      | 128 | Choral Balcony C Downlight  | 135 |

**Work Lights**

|                           |     |  |     |
|---------------------------|-----|--|-----|
| Pit Access                | 146 | 1 <sup>st</sup> Cat Worklights           | 158 |
| Piano Pit Worklights      | 148 | 4 <sup>th</sup> Floor Catwalk Worklights | 159 |
| 2 <sup>nd</sup> Floor SLL | 150 | 3 <sup>rd</sup> Floor Access             | 160 |
| Backstage                 | 153 | 5 <sup>th</sup> Floor Catwalk Worklights | 162 |
| Followspot Worklights     | 154 | 5 <sup>th</sup> Floor Catwalk Worklights | 167 |
| Followspot Access         | 156 |  |     |

**Run Lights**

|                           |     |                               |     |
|---------------------------|-----|-------------------------------|-----|
| Pit Stairs                | 145 | Followspot Access             | 157 |
| Piano Pit                 | 147 | 3 <sup>rd</sup> Floor Access  | 161 |
| 2 <sup>nd</sup> Floor SLL | 149 | 5 <sup>th</sup> Floor Catwalk | 164 |
| Backstage                 | 151 | 4 <sup>th</sup> Floor Catwalk | 165 |
| Backstage Overhead        | 152 |                               |     |



**DRESSING ROOM / WARDROBE INFORMATION**

There are three dressing rooms located at stage level in the hallway directly behind the Concert Hall stage. Rooms B & C accommodate four people each and utilize shared men’s and women’s restrooms on either side of the two dressing rooms; room A accommodates three people, and includes its own ADA compliant restroom with shower. This is the only shower located on this side of the building. Other facilities may be made available with prior arrangement.

Each dressing room receives program feed via a distributed audio system with paging capability.

The dressing rooms have sinks, vanities, and clothes racks.

**Laundry**

|                     |                               |                  |              |
|---------------------|-------------------------------|------------------|--------------|
| Nearest Dry Cleaner | Pristine Cleaners (1.0 miles) | 1171 S. High St. | 540-433-5333 |
|---------------------|-------------------------------|------------------|--------------|

**AREA SERVICES**

|                       |                                 |                  |              |
|-----------------------|---------------------------------|------------------|--------------|
| Nearest Pharmacy      | Rite Aid Pharmacy (0.6 miles)   | 1420 S. Main St. | 540-434-7341 |
| Nearest Grocery Store | Walmart Supercenter (1.3 miles) | 171 Burgess Rd.  | 540-433-0808 |

**AREA HOTELS**

**Harrisonburg Hotels:** (A selection of area hotels)

|                           |              |                       |           |
|---------------------------|--------------|-----------------------|-----------|
| Quality Inn               | 540-442-1515 | 1881 Evelyn Byrd Ave. | 2.2 miles |
| Hampton Inn               | 540-432-1111 | 85 University Blvd.   | 2.7 miles |
| The Stonewall Jackson Inn | 540-433-8233 | 547 E. Market St.     | 1.3 miles |
| Holiday Inn Express       | 540-433-9999 | 3325 S Main St.       | 4.8 miles |
| Residence Inn             | 540-437-7426 | 1945 Deyerle Ave.     | 2.5 miles |

**AREA RESTAURANTS**

**Harrisonburg Restaurants:** (A selection of area restaurants, for additional dining suggestions contact a Forbes Center employee.)

Downtown Area (10 min)

- Capital Ale House\*
- Jack Brown's\*
- Clementine \*\*
- Local Chop House
- Union Station (pub) \*\*
- Bella Luna (pizza) \*\*

Walmart Area (10 min)

- Ruby Tuesday
- Panera Bread
- O'Charley's
- Texas Roadhouse
- Mr. J's Bagels (deli) \*\*
- Various fast food chains

Mall Area (15 min)

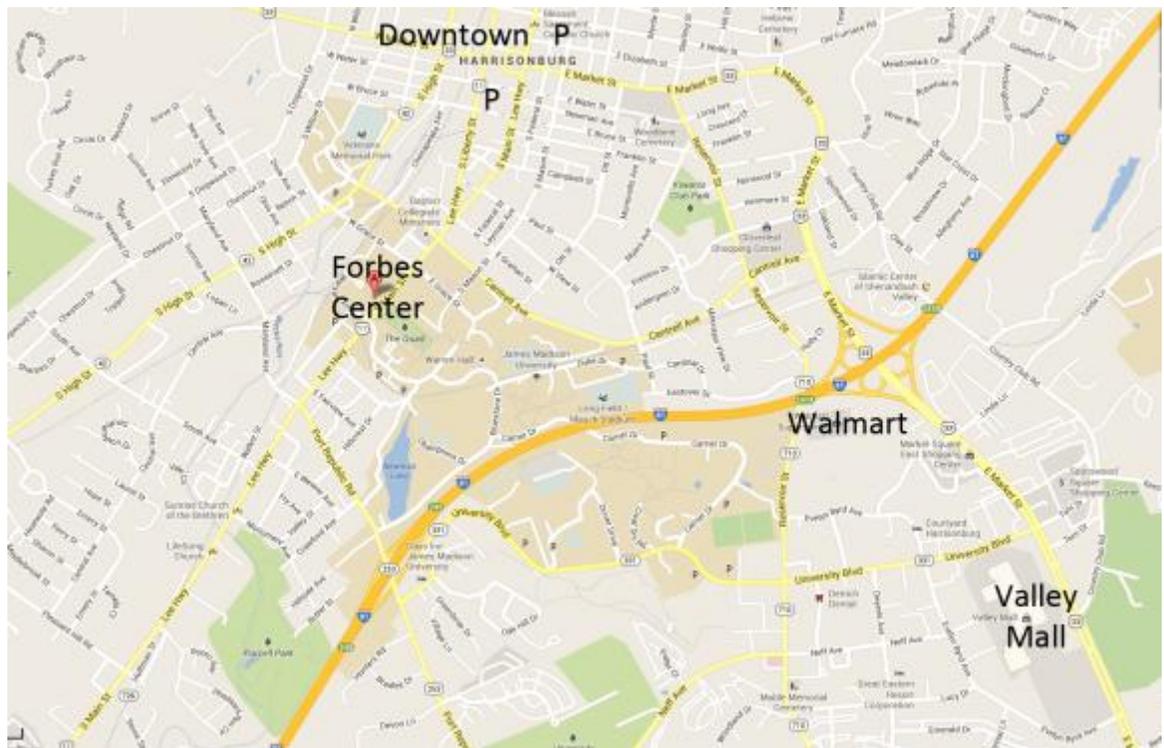
- Buffalo Wild Wings
- IHOP
- Chili's
- Red Lobster
- Outback Steakhouse
- Various fast food chains

Walkable

- Greenberry's Coffee \*\*
- Starbucks Coffee
- Brickhouse Tavern

\* For late-night, Capital Ale House is open daily until 1:30am, and Jack Brown's is open daily until 2:00am.  
 \*\* Local, non-chain, restaurants.

Downtown parking is free. Street parking is available as well as two garages, noted on the map as "P".



**MEDICAL / EMERGENCY INFORMATION**

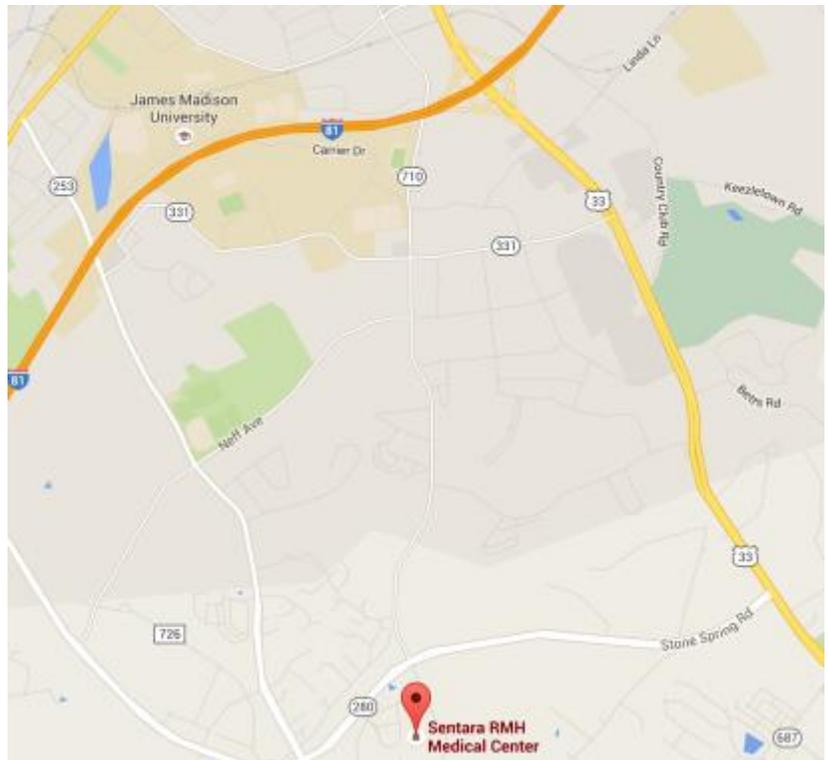
The Forbes Center is committed to providing a safe environment for artists, crew and patrons. For immediate medical assistance dial 9-911 from any Forbes Center phone or 911 from any other phone. Contact Forbes Center staff for any non-emergency assistance including access to basic first aid supplies.

**Emergency Room – Sentara RMH Medical Center**

2010 Health Campus Drive, Harrisonburg, VA 22801    3.1 miles  
 540-689-1000  
 877-689-1000 (Toll free)

**DIRECTIONS:**

1. From the **JMU Red Zone Parking Lot I** or one of the **Roberts Center Loading Docks**, take the access road to the traffic circle and take the first exit onto Patterson Street. From the **Warsaw Avenue Parking Deck** turn left at the Stop Sign onto Patterson Street. From the **Warsaw Avenue Loading Dock**, begin with #2.
2. Turn left onto Warsaw Ave.
3. Turn right onto S. Main Street.
3. Travel 0.3 mi. At the first traffic light, turn left onto Port Republic Rd.
4. Travel 2.2 mi., then turn left onto Pleasant Run Dr.
5. After 0.2 mi. turn right onto Health Campus Dr. and continue to the back of the building.



The Emergency Department Entrance will be on your left. Parking Lot E is nearest the entrance.

**Convenient Care**

MedExpress Urgent Care    540-432-3080    1840 E. Market St.    2.6 miles  
 8am-8pm daily (closed Christmas and Thanksgiving day)

Emergicare    540-432-9996    755 Cantrell Ave.    1.2 miles  
 9am-8pm M-F, 10am-4pm Sat, 1pm-6pm Sun



## Medical Partners:

### Chiropractic:

Nieder Chiropractic & Rehabilitation

Todd Nieder

620 Neff Ave Suite 100

Harrisonburg, VA 22801

540-434-6400

Mon-Thu 8 AM – 12 PM, 2 PM – 6 PM

Friday 8 AM – 12 PM

[www.functionalchiro.com](http://www.functionalchiro.com)

Wellspring Health Group

Janice Piedmont Dunlap, Chiropractor

Susan Sweeten, Chiropractor

1737 Erickson Ave

Harrisonburg, VA 22801

540-432-6860

Mon-Fri 9 AM – 5 PM

### Massage:

Therapy Works

Kendra Kiracofe

Dockery Clinic

1410 Churchville Ave

Staunton, VA 24401

540-255-6829

### Dentist:

Brown & Sutt PLLC

2015 Reservoir Street

Harrisonburg, VA 22801

540-434-2102

Mon-Thu 8 AM – 5 PM

**FORBES CENTER**  
FOR THE PERFORMING ARTS  
AT JAMES MADISON UNIVERSITY

