ConCert Hall

The 1,933 seat concert hall is designed as an adaptable venue, able to serve many types of events. 821 orchestra level seats (including pit area) and 1112 seats in the Grand Tier (or balcony level) of the theater, with separate lighting controls and access points, allow the hall to accommodate audiences of various sizes in comfort.

An adjustable music shell may be deployed to enhance the acoustical presence of an orchestra, chorus, soloist, or chamber ensemble. For theatrical, dance, and other large-scale productions, the shell vanishes, opening up a large stage with ample wing space and a computer-controlled fly system.

The concert hall comes equipped with state of the art lighting and sound systems, a large orchestra pit, and the ability to vary the acoustical character of the room for the needs of a given production.

Contact the CFA Events and Scheduling Coordinator for rental information:
cfaevent@gmu.edu
703.993.3729 | 703.993.8883 (fax)

mailing address:
Center for the Arts at George Mason University
4400 University Dr. MS 4C1
Fairfax, VA 22030-4444

cfa.gmu.edu
888-945-2468

Revised June 8, 2016
CONCERT HALL technical specifications

AUDITORIUM
SEATING
Maximum Capacity:
Total: 1,933
Orchestra Pit: 106
Lower House: 715
Balcony: 1,112

STAGE AND ORCHESTRA PIT
Stage:
Proscenium: 52'-4" wide x 26'-2" high
Apron: 7'-6"
Upstage Wall: 41'-0"
Floor Construction: Black, Yellow Pine (T&G) on plywood, on rubber pads on 2x4' sleepers
Dance Floor: Harlequin Studio, black, 10 panels 58'x49'

Hard Opening: 52'-4" wide x 26'-2" high

Smoke pocket to upstage wall (Depth) 34'-6"
Smoke pocket to upstage crossover 35'-4"
Smoke pocket to apron edge 6'-0"
Proscenium arch to stage left wall 47'-0"
Proscenium arch to stage right wall 65'-0"
Ceiling Height 64'-0"
Pipe Travel 62'-0"

Orchestra Pit: 60'-0" wide x 17'-0" deep at CL net 1,020sf Orch pit; variable depths to 12'-0" below deck

Other dimensions:
Centerline to Stage Wall Left 47'-0"
Centerline to Stage Wall Right 65'-0"
Wing Space Stage Left 21'-0"
Wing Space Stage Right 39'-0"
Orchestra Shell Depth 39'-0"
Orchestra Shell Width Downstage 60'-0"
Orchestra Shell Width Midstage 52'-0"
Orchestra Shell Width Upstage 40'-0"

Box room to deck, 45° downward and 45° to stage:
Upper 50'-60" Lower 25'-35"

LOADING DOCK FACILITIES
The loading dock is located on the north end of the building just off Mason Pond Drive (GPS coordinates: 38°49'46"N 77°18'35"W). The loading dock is at stage level (3'-10" above street level). It can accommodate up to two full size trailer units simultaneously. Equipment may be ramped from ground to stage level if necessary by entering the front of the building. Set and Crate storage is located just off the loading dock. Limited water hookup.

Loading: 2 Dock spaces; roll door access to stage 12'-0" wide x 9'-7" high

BACKSTAGE SUPPORT
Star Rooms (room for 2-3) 3
Chorus Rooms (room for 6-12) 3
Washer and Dryer available by advance arrangement only
THEATER DRESSING ROOMS
2-3 Person: (3) Star rooms at stage level
6-12 Person: (3) Chorus rooms at stage level

Dressing rooms are equipped with toilets, sinks and showers*.
*2 Star rooms have no showers

RIGGING SYSTEM
Main Curtain: Act Curtain travels at 240 feet per minute
Type/Speed: Motorized
Line Sets: 47 Computer-controlled electric line sets, 5 lines per set. Control located stage right, console on wheels.
Capacity: Variable speed battens rated for 1,200 pounds load.

Batten Lengths: #1 52'-0"  #2 52'-0"  #3 55'-0" (act curtain)  #4 55'-0"  #5 55'-0"  #6 50'-0"  #7-49 70'-0"  #21-22 Orchestra Shell
Batten Travel: From 4’ above deck to 62’
Winch Deck: Located 35’ above deck stage right
Grid Access: We do not have a walkable grid!
## CONCERT HALL TECHNICAL SPECIFICATIONS

### LINESET SCHEDULE

<table>
<thead>
<tr>
<th>Line Set #</th>
<th>Dist Prosc.</th>
<th>Type</th>
<th>Assignment/ Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0'-8'</td>
<td>V</td>
<td>Teaser #1</td>
</tr>
<tr>
<td>2</td>
<td>0'-4'</td>
<td>V</td>
<td>Teaser #2</td>
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<tr>
<td>3</td>
<td>0'-6&quot;</td>
<td>V</td>
<td>Proscenium Opening</td>
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<tr>
<td>4</td>
<td>1'-0&quot;</td>
<td>V</td>
<td>Main Rag</td>
</tr>
<tr>
<td>5</td>
<td>1'-8&quot;</td>
<td>V</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>2'-8&quot;</td>
<td>F</td>
<td>Light Truss</td>
</tr>
<tr>
<td>7</td>
<td>4'-8&quot;</td>
<td>V</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>5'-4&quot;</td>
<td>V</td>
<td></td>
</tr>
<tr>
<td>9</td>
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<tr>
<td>10</td>
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<tr>
<td>11</td>
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<td>12</td>
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<tr>
<td>21</td>
<td>15'-0&quot;</td>
<td>F</td>
<td>Permanent Orchestra Shell</td>
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<td>16'-8&quot;</td>
<td>F</td>
<td>Permanent Orchestra Shell</td>
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</tr>
<tr>
<td>46</td>
<td>33'-4&quot;</td>
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</tr>
<tr>
<td>47</td>
<td>34'-0&quot;</td>
<td>V</td>
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</tr>
<tr>
<td>48</td>
<td>34'-8&quot;</td>
<td>V</td>
<td></td>
</tr>
<tr>
<td>Dead Hung</td>
<td>35'-4&quot;</td>
<td>V</td>
<td>Back Wall</td>
</tr>
<tr>
<td></td>
<td>41'-0&quot;</td>
<td>V</td>
<td></td>
</tr>
</tbody>
</table>

*Line sets #1, #2, #3, #6, #21, #22 as listed are considered permanently assigned.*

*Type F* line set denotes a fixed-speed. Line sets #6, 21 & 22 travel at 11 feet per minute.

*Type V* line set denotes a variable-speed batten @ up to 180 feet per minute.

Revised June 8, 2016
**Concert Hall Technical Specifications**

**Drapery Inventory**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Item</th>
<th>Color</th>
<th>Fabric</th>
<th>Dimensions</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 pair</td>
<td>Legs</td>
<td>Black</td>
<td>Velour</td>
<td>12' x 28'</td>
<td>Flat, Located at proscenium</td>
</tr>
<tr>
<td>5 pairs</td>
<td>Legs</td>
<td>Black</td>
<td>Velour</td>
<td>15' x 36'</td>
<td>Flat</td>
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<tr>
<td>5</td>
<td>Borders</td>
<td>Black</td>
<td>Velour</td>
<td>70' x 10'</td>
<td>Flat</td>
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<tr>
<td>2</td>
<td>Black drop</td>
<td>Black</td>
<td>Velour</td>
<td>70' x 32'</td>
<td>Flat</td>
</tr>
<tr>
<td>2</td>
<td>Black drop</td>
<td>Black</td>
<td>Velour</td>
<td>37' x 35'</td>
<td>Flat</td>
</tr>
<tr>
<td>1</td>
<td>Travelers</td>
<td>Black</td>
<td>Velour</td>
<td>60' x 35'</td>
<td>Fullness</td>
</tr>
<tr>
<td>1</td>
<td>Translucency</td>
<td>White</td>
<td>Muslin</td>
<td>70' x 36'</td>
<td>Seamless, bleached black</td>
</tr>
<tr>
<td>1</td>
<td>Bounce</td>
<td>White</td>
<td>Muslin</td>
<td>60' x 30'</td>
<td>Seamed</td>
</tr>
<tr>
<td>1</td>
<td>Scrim</td>
<td>Black</td>
<td>Muslin</td>
<td>60' x 30'</td>
<td>Flat</td>
</tr>
<tr>
<td>1</td>
<td>Act curtain</td>
<td>Ruby</td>
<td>Muslin</td>
<td>58' x 30'</td>
<td>Fullness</td>
</tr>
<tr>
<td>4</td>
<td>Silk Panels</td>
<td>White</td>
<td>Silk</td>
<td>5' x 33'</td>
<td>Flat</td>
</tr>
</tbody>
</table>

**Electrical and Electrics**

- **Power:**
  Company 500kva transformer dedicated to theatrical lighting

- **Switches:**
  400A and 125A company switches are 3-phase and include FM Cam-lok's with double neutrals or tail connection lugs, breakers

- **Theater:**
  (3) 400A, 120/208VAC SR (1 dedicated to sound power)
  (1) 125A, 120/208VAC SR

**House Theatrical Lighting Dimming and Control**

- **Dimming:**
  (384) 20A dimmers
  (48) 20A dimmers in portable touring rack

- **Electrics #1:**
  (48) 20A circuits on pigtails

- **Control:**
  - Portable Stage Manager's Console includes Cue Light controls and infrared, stage video feed
  - Distributed Ethernet control network with DMX conversion nodes for console input and/or data output.

- **FOH:**
  Refer to building drawings available at:
  [www.cfa.gmu.edu/techmanual](http://www.cfa.gmu.edu/techmanual)

- **Tech Table:**
  Lighting receptacle for Console (Net/DMX), Stage Manager's panels, Focus Remote.
STAGE ELECTRICAL CIRCUIT SCHEDULE

<table>
<thead>
<tr>
<th>Location</th>
<th>2.4KW Circuits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catwalk 1</td>
<td>1-24, 201-224</td>
</tr>
<tr>
<td>Box SR</td>
<td>235-250</td>
</tr>
<tr>
<td>Box SL</td>
<td>35-50</td>
</tr>
<tr>
<td>Gallery SL</td>
<td>75-168</td>
</tr>
<tr>
<td>Gallery SR</td>
<td>275-366</td>
</tr>
<tr>
<td>Electric No. 1</td>
<td>51-74, 251-274</td>
</tr>
<tr>
<td>Rear Wall</td>
<td>152-163, 352-363</td>
</tr>
<tr>
<td>Floor</td>
<td>143-151, 343-351</td>
</tr>
<tr>
<td>Pit</td>
<td>161-167, 366-368</td>
</tr>
</tbody>
</table>

LIGHTING INVENTORY

ETC Eos

<table>
<thead>
<tr>
<th>Lighting Instrument</th>
<th>Source 4 (all 575w)</th>
<th>Strand SL (all 575w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10˚</td>
<td>30</td>
<td>5˚ lens trains</td>
</tr>
<tr>
<td>19˚</td>
<td>8</td>
<td>19˚</td>
</tr>
<tr>
<td>26˚</td>
<td>60</td>
<td>26˚</td>
</tr>
<tr>
<td>36˚</td>
<td>32</td>
<td>36˚</td>
</tr>
<tr>
<td>50˚</td>
<td>10</td>
<td>50˚</td>
</tr>
<tr>
<td>PAR EA</td>
<td>65</td>
<td>2</td>
</tr>
</tbody>
</table>

Source 4 Par Fixture Lens assortment: 60 (Wide, Medium, Narrow, Very Narrow)

Martin

Altman

Colortran

Cyclorama

Selecon

L & E

Followspots

Lycian

Fog and Haze

High End F-100 Fogger with DMX interface: 1
Look Solutions Unique2 Hazer: 2

Accessories

Strand SL B size Template holders: 50
Strand SL B size Glass Template holders: 4
Strand Drop In Irises: 18
Source 4 A size Template holders: 30
Source 4 B size Template holders: 30
Source 4 Drop In Irises: 10
7.5˚ Bandndoors for 6˚ fresnels: 24
10˚ Bandndoors for PAR64: 18

for more information:

Bethany Thompson
Master Electrician

for more electrical information:
bthompsa@gmu.edu
703.993.8895 | 703.993.4092 (fax)

mailing address:
Center for the Arts
at George Mason University
4400 University Dr. MS 4C1
Fairfax, VA 22030-4444

Revised June 8, 2016
SOUND SYSTEM

FOH Console: Digidesign Venue D-Show System
- Stage Rack, 48x24
- FOH Rack
- DSP Mix Engine Card
- ECx Card
- HDx Card
- IOx Card
- All Access Pack Plug-in Bundle
- Digidesign Pro Tools HD 3

House PA System
- db audiotechnik Q1 loudspeakers: 20
- db audiotechnik Q7 loudspeakers: 3
- db audiotechnik Ci80 loudspeakers: 4
- db audiotechnik QSub subwoofers: 4

Monitor System
- db audiotechnik Max 12 wedges: 6
- db audiotechnik Q10 loudspeakers: 4
- Galaxy Hotspots: 4

Amplifiers
- db audiotechnik D6
- db audiotechnik D12
- Crown Com-Tech 1200 (Mons)
- QSC MX 1500

Microphones
- AKG C214: 4
- AKG C414 B-ULS: 4
- AKG C414 XLS: 2
- Audio Technica AT-833A: 8
- Audio Technica 4051A: 4
- Crown PZM-30-RB: 1
- Crown PCC-170: 5
- DPA 4099 (assorted mounts): 11
- Earthworks ME30: 1
- Electro-Voice N/D 357: 4
- Electro-Voice RE-20: 1
- Neumann KM 184: 4
- Neumann TLM 103: 2
- Sennheiser E604: 3
- Sennheiser MD 421: 8
- Sennheiser MKH 40: 2
- Shure Beta 52: 1
- Shure Beta 91: 1
- Shure Beta 98: 3
- Shure Beta 87C: 1
- Shure SM57: 4
- Shure SM81: 3
- Shure KSM 27: 1
- Shure KSM 44: 2
- Shure Super 55: 1
- Shure KSM 141: 6
- Shure URM4D Receivers: 5
- Shure UR2/Beta 87C Microphone: 10
- Shure UR1 Body Pack Transmitter: 10
- Countryman E6 Headset Mic: 10

for more information:
Billy Kessinger
Audio Engineer

for more audio information:
wkessing@gmu.edu
703.993.8626 | 703.993.4092 (fax)

mailing address:
Center for the Arts
at George Mason University
4400 University Dr. MS 4C1
Fairfax, VA 22030-4444

Revised June 8, 2016
<table>
<thead>
<tr>
<th><strong>SUPPLEMENTAL SOUND REINFORCEMENT</strong></th>
</tr>
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<tbody>
<tr>
<td><strong>Loudspeaker</strong></td>
</tr>
<tr>
<td>EAW JF80</td>
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<tr>
<td>4</td>
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<tr>
<td><strong>Outboard Gear</strong></td>
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<tr>
<td>BSS FCS 960</td>
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<tr>
<td>3</td>
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<tr>
<td>BSS DPR 402</td>
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<td>1</td>
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<tr>
<td>Klark Teknik DN410</td>
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<tr>
<td>Rane C4</td>
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<tr>
<td>Yamaha Rev 5</td>
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<tr>
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<tr>
<td><strong>DI Boxes</strong></td>
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<tr>
<td>Countryman Type 85 (active)</td>
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<tr>
<td>2</td>
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<tr>
<td>Radial J48 (active)</td>
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<tr>
<td>4</td>
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<tr>
<td>Radial JDI (passive)</td>
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<tr>
<td>Radial JPC (active)</td>
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<td>Whirlwind Director (passive)</td>
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<td><strong>Playback</strong></td>
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<td>Tascam CD01UPro</td>
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<td>Tascam DA 30 MKII</td>
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<td><strong>Mixer</strong></td>
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<td>Behringer Eurorack 802A</td>
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<tr>
<td>Clear Com 501 Single Ch. Beltback</td>
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<tr>
<td>Clear Com 502 Dual Ch. Beltpack</td>
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<tr>
<td><strong>House Pianos</strong></td>
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<tr>
<td>Steinway Model D - 9’ Concert Grand, A = 440</td>
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<tr>
<td><strong>Hearing Impaired</strong></td>
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<tr>
<td>Phonic EAR S50T Transmitter</td>
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<td>Phonic Ear 300R Receivers</td>
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</tr>
<tr>
<td>Neckloop Telecoil Coupler</td>
</tr>
<tr>
<td>15</td>
</tr>
<tr>
<td><strong>Video Distribution</strong></td>
</tr>
<tr>
<td>Projector: Sanyo PLC-XF60A</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Lens: TO2, 4.6 to 6.0:1 throw ratio</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Screen: 10’x16’ front projection</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Da Lite projection Screen 12’x16’ with Front and Rear projection surfaces</td>
</tr>
<tr>
<td>Strong 35mm projectors with reels, splicer and multi-channel audio support</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>ODDS AND ENDS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Versatile Aluminum Platforms</strong></td>
</tr>
<tr>
<td>Carpeted, grey, various heights:</td>
</tr>
<tr>
<td>3’x8’</td>
</tr>
<tr>
<td>20</td>
</tr>
<tr>
<td>4’x8’</td>
</tr>
<tr>
<td>20</td>
</tr>
<tr>
<td><strong>Miscellaneous</strong></td>
</tr>
<tr>
<td>Black, straight back chairs</td>
</tr>
<tr>
<td>140</td>
</tr>
<tr>
<td>Black music stands, single ledge</td>
</tr>
<tr>
<td>100</td>
</tr>
<tr>
<td>Music stand lights</td>
</tr>
<tr>
<td>80</td>
</tr>
<tr>
<td>Conductor’s podium (3’x3’x8’; 4’x4’x1’)</td>
</tr>
<tr>
<td>2</td>
</tr>
</tbody>
</table>

AVAILABLE EQUIPMENT INVENTORY SHOULD BE CONFIRMED WITH THE THEATER PRODUCTION OFFICE PRIOR TO LOAD-IN. ALL ITEMS ARE SUBJECT TO AVAILABILITY.

Revised June 8, 2016
LOCAL VENDORS

AUDIO CONTRACTORS
Bexel Broadcast Services
555 Herndon Parkway, Herndon, VA 20170; Ph: 703.437.5559; Fax: 703.437.1107

Overland Pro Audio
201 Davis Drive, Suite A, Sterling, VA 20164; Ph: 703.404.4344; Fax: 703.404.4477
www.overlandproaudio.com

RCI Sound Systems
10721 Hanna St., Beltsville, MD 20705; Ph: 301.931.9001; Fax: 301.931.9002

BACKLINE
Drums Unlimited (Rentals)
9517-B Baltimore Ave., College Park, MD 20740; Ph: 301.982.3428; Fax: 301.982.9671

LIGHTING CONTRACTOR
Atmosphere
2715 Pittman Dr., Silver Spring, MD 20910; Ph: 301.585.2100; Fax: 301.585.7615

Baltimore Stage Lighting
10-16 Azar Court, Baltimore, MD 21227; Ph: 410.242.3322; Fax: 410.242.5242

Barbizon Capital
6437-G Gen. Green Way, Alexandria, VA 22312; Ph: 703.750.3900

MTS Productions
4508-F Lee Road, Chantilly, VA 22021; Ph: 703.631.2213; Fax: 703.968.7703

HARDWARE & LUMBER
Allied Plywood
6732 Industrial Rd., Springfield, VA 22150; Ph: 703.256.5800

Fairfax Hardware
10897 Main Street, Fairfax, VA 22030; Ph: 703.273.5700

INDUSTRIAL RENTALS
A & R Tool & Equipment Rentals
8231 Lee Hwy, Merrifield, VA; Ph: 703.560.0001

McLean Rentals
7914 Kincannon Place, Springfield, VA; Ph: 703.550.8320

DRY ICE
Potomac Air Gas Inc.
104-A Wade Drive, Chantilly, VA 22021; Ph: 703.471.0553

GROCERY
Giant Foods - University Mall
10653 Braddock Road, Fairfax, VA 22030; Ph: 703.352.3201

FLORIST
Burke Florist - University Mall
10667 Braddock Road, Fairfax, VA 22030; Ph: 703.352.3633
Accommodations & Transportation

HOTEL INFORMATION

Hyatt Fair Lakes - Preferred Hotel
1277 Fair Lakes Circle, Fairfax, VA 22033; Ph: 703.818.1234; Fax: 703.818.3140

Best Western (Smoking accommodations/rooms available)
3535 Chain Bridge Road, Fairfax, VA 22030; Ph: 703.591.5500

Comfort Inn
11180 Main Street, Fairfax, VA 22030; Ph: 703.591.5900

Courtyard Marriott
11220 Lee Jackson Hwy, Fairfax, VA 22030; Ph: 703.273.6161; Fax: 703.273.3505

Hampton Inn
10860 Lee Hwy, Fairfax, VA 22030; Ph: 703.385.2600; Fax: 703.385.2742

Fairfax Marriott
11787 Lee Jackson Mem. Hwy, Fairfax, VA 22033; Ph: 703.352.2525; Fax: 703.667.2112

AIRPORT INFORMATION
www.metwashairports.com

Dulles International (IAD) 18 miles / 26 minutes from venue
Reagan National (DCA) 21 miles / 30 minutes from venue

TRAIN INFORMATION
www.amtrak.com

Union Station (WAS) 21 miles / 35 minutes from venue;
Phone: 1.800.872.7245

METRO INFORMATION
www.metroopensdoors.com

Vienna Station (Orange Line) 5 miles / 10 minutes from venue;
Bus service runs to and from GMU every hour

LIMO SERVICE
www.preetsedanservice.com

Preet Limousine Ph: 1.800.841.8123

TAXI SERVICE
www.dcyellowcab.com

Yellow Cab Company of D.C. Ph: 202.544.1212

Revised June 8, 2016
DIRECTIONS

Via Capitol Beltway/I-495/95

I-495 South (Outer Loop/American Legion Bridge):
- I-495 South to Braddock Road/Route 620 West (exit 5).
- West on Braddock Road approximately 6 miles, until you pass an entrance sign for George Mason University on the right.
- Make the next right onto Roanoke River Road and enter campus

I-95 South/I-495 (Inner Loop/Wilson Bridge):
- Follow I-495 past the I-95/I-495 split (toward Frederick) to Braddock Road/Route 620 West (exit 5).
- West on Braddock Road approximately 6 miles, until you pass an entrance sign for George Mason University on the right.
- Make the next right onto Roanoke River Road and enter campus

I-395 South/Shirley Highway (Washington/Alexandria):
- South on I-395 (toward Richmond) to the Capitol Beltway (I-495)
- Take the Beltway North (toward Frederick/Inner Loop) to Braddock Road/Route 620 West (exit 5).
- West on Braddock Road approximately 6 miles, until you pass an entrance sign for George Mason University on the right.
- Make the next right onto Roanoke River Road and enter campus

I-395 North/Shirley Highway (Fredericksburg/Quantico): 
- North on I-395 to exit 160 in Occoquan.
- Follow Route 123/Ox Road North, approximately 17 miles to Braddock Road.
- Turn Right onto Braddock Road.
- Take the next left at the light onto Roanoke River Road and enter campus

Via Route 66

West (from Washington/Alexandria):
- From I-66 exit to I-495 South. Travel approximately 6 miles on I-495 South.
- Exit Braddock Road/Route 620 West (exit 5).
- West on Braddock Road approximately 6 miles, until you pass an entrance sign for George Mason University on the right.
- Make the next right onto Roanoke River Road and enter campus

East (from Front Royal):
- From I-66 exit to Route 123 towards Fairfax
- Follow Route 123 through the city center
- Turn left at the intersection of Route 123 & Braddock Rd.
- Turn left at the next light onto Roanoke River Road and enter campus

Via Route 50 West (from Washington/Arlington)
- West on Route 50 towards Fairfax City
- Turn left onto Route 123
- Follow Route 123 through the city center
- Turn left at the intersection of Route 123 & Braddock Rd.
- Turn left at the next light onto Roanoke River Road and enter campus

Via Route 1-95 North (from Richmond/Fredericksburg)
- North on I-95 to exit 160 in Occoquan.
- Follow Route 123/Ox Road North, approximately 17 miles to Braddock Road.
- Turn Right onto Braddock Road.
- Take the next left at the light onto Roanoke River Road and enter campus

ACCESS TO THE CONCERT HALL/LOADING DOCK

From Roanoke Lane:
Bear to your right on Patriot Circle. Take your next left onto Mason Pond Drive. The Concert Hall is the large white building on your right. The loading dock drive is immediately past the building to the right. The drive is a long, blind back in.

From University Drive:
Enter campus by continuing straight on University Drive. University Drive becomes George Mason Blvd. Turn right onto Patriot Circle. Follow Patriot Circle around the pond and turn left onto Mason Pond Drive. The Concert Hall is the large white building on your right. The loading dock drive is immediately past the building to the right. The drive is a long, blind back in.

Campus Parking:
Parking is free in Lot K beginning one hour before Concert Hall events. A permit or decal is required at all other times. To reach the Concert Hall from Lot K, follow the path by the pond leading directly to the Conert Hall. A fee is charged to park in any Parking Deck on campus. Other arrangements may be made by contacting the Production Manager.
Contacts

Executive Director
Julie Thompson
jthomps1@gmu.edu
703.993.8874

CFA Events and Scheduling Coordinator
703.993.3729

Program & Artist Services Coordinator
Stephanie Seltman
sseltman@gmu.edu
703.993.8670

Production Manager
Jessica D’Angelo
jdangelo@gmu.edu
703.993.9428

Program & Production Coordinator
Candice Mongellow
703.993.5296

Master Electrician
Bethany Thompson
bthompsa@gmu.edu
703.993.8895

Technical Supervisor
Open

Audio Supervisor
Billy Kessinger
wkessing@gmu.edu
703.993.8626

Concert Hall Backstage Phone
703.993.8890

Production Fax
703.993.4092

mailing address:
Center for the Arts
at George Mason University
4400 University Dr. MS 4C1
Fairfax, VA 22030-4444

Revised June 8, 2016
The 460 seat Harris Theatre is a modified proscenium thrust style theatre with an intimate feel. The orchestra and balcony levels have separate entrances allowing the balcony to be closed when not required. There are 343 orchestra level seats with additional space for 9 wheelchairs, and 117 balcony level seats. The balcony is accessible by staircase only.

The acoustical nature of the room lends itself well to both speaking events and music recitals. The venue has been used by various recording studios looking for a "live" sounding room for marching and concert band music. Additionally, the theatre is used regularly for both dance and theatrical productions.

Adrianna Smith  
Technical Director, Harris Theatre  
adaugher@gmu.edu  
703.993.2503 | 703.993.8883 (fax)

Dan Hobson  
Production Manager  
dhobson@gmu.edu  
703.993.2198 | 703.993.8883 (fax)

For rental information  
email, call or fax:  
cfaevent@gmu.edu  
703.993.3729 | 703.993.8883 (fax)

mailing address:  
Harris Theatre  
at George Mason University  
4400 University Dr. MS 4C1  
Fairfax, VA 22030-4444

Revised June 8, 2016
HARRIS THEATRE technical specifications

AUDITORIUM SEATING
Maximum Capacity:
Total 460
Wheelchair Spaces 9
Orchestra Level: 343
Wheelchair Spaces: 9
Balcony Level: 117

STAGE
Proscenium: 39’-5” wide x 20’-4” high
Apron: 10’-6” from plaster line
Upstage Wall: 17’-10” from plaster line
Floor Construction: Black acrylic paint; maple tongue and groove on plywood, on rubber pads on 2’x4’ sleepers
Dance Floor: Harlequin Studio, black, 6 panels
4’-11 1/4” deep by 42’-0” wide upstage of plaster line, downstage of plaster line dance floor runs from deck edge to deck edge

Repertory soft-good Opening: 36’-0” wide x 18’-0” high

LOADING DOCK FACILITIES
The loading dock is located on the west side of the building just off George Mason Boulevard. The loading dock is at stage level, no dock plate available. It can accommodate only one full size trailer unit at a time. For loading and unloading equipment from shorter vehicles, there is a ramp from street level up to the dock level. Be advised that long set pieces may not fit up the ramp’s hairpin turn.

No shore power, no water hookup.

Loading: 1 Dock space; roll door access to stage 7’-11” wide x 10’-1” high; 3’-9” above street level.
BACKSTAGE SUPPORT

Dressing Rooms: Access to all Dressing Rooms is by staircase only

2 Company Rooms beneath the stage each with toilet, shower and two sinks; 5 dressing/makeup stations with 1 seat per station and equipped with mirrors and costume/wardrobe rack.

1 Makeup Room beneath the stage, with seating for 4 dressing/makeup stations with 3 seats per station and equipped with mirrors and costume/wardrobe racks. Access is through either of the company rooms.

The dressing room hallway has a drinking fountain for potable water.

Wardrobe/Laundry: Available by advance arrangement only. There is one washer and one dryer backstage. An iron, ironing board, and professional steamer are also available. Quick change booths can be set up just off of Stage Left and Right.

Green Room: There is a large room behind the stage which can be used as a green room facility in addition to housing additional set pieces and/or a stage right quick change booth. There is a live action audio monitor feed from the stage. A microwave, refrigerator and deep sink are available as well as a drinking fountain for potable water. This area houses the loading dock and has both a staircase and a handicapped accessible ramp for access to street level. There is a roll up door to allow scenery pieces to be assembled and taken to the stage, the door is 7’-5” wide by 15’-10” tall.
**Harriss Theatre Technical Specifications**

**Lineset Schedule**

<table>
<thead>
<tr>
<th>Line Set #</th>
<th>Distance to Plaster Line</th>
<th>Assignment/ Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2’-4”</td>
<td>Border #1 and Leg #1</td>
</tr>
<tr>
<td>2</td>
<td>2’-9”</td>
<td>Grand Drape*</td>
</tr>
<tr>
<td>3</td>
<td>4’-3”</td>
<td>Electric #1*</td>
</tr>
<tr>
<td>4</td>
<td>4’-7”</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>5’-2”</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>5’-10”</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>6’-4”</td>
<td>Movie Screen*</td>
</tr>
<tr>
<td>8</td>
<td>6’-10”</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>7’-3”</td>
<td>Border #2</td>
</tr>
<tr>
<td>10</td>
<td>7’-7”</td>
<td>Leg #2</td>
</tr>
<tr>
<td>11</td>
<td>8’-7”</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>9’-1”</td>
<td>Midstage Traveler*</td>
</tr>
<tr>
<td>13</td>
<td>9’-7”</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>10’-1”</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>10’-7”</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>11’-1”</td>
<td>Electric #2*</td>
</tr>
<tr>
<td>17</td>
<td>11’-7”</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>12’-1”</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>12’-7”</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>13’-1”</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>13’-7”</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>14’-0”</td>
<td>Upstage Traveler*</td>
</tr>
<tr>
<td>23</td>
<td>14’-6”</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>15’-0”</td>
<td>Zetex Border and Electric #3*</td>
</tr>
<tr>
<td>25</td>
<td>16’-6”</td>
<td>Bounce Cyclorama</td>
</tr>
</tbody>
</table>

* Line sets #2, #3, #7, #12, #16, #22, #24 as listed are considered permanently assigned.

**Rigging System**

- **Type:** Manual double purchase counterweight system
- **Weight:** Approximately 25,000 lbs. steel counterweight available in 4” and 5” width
- **Line Sets:** 25 sets installed with 5 lift lines per set with 10’-6” spacing. 48’ length battens travel from approximately 3’ above deck to 40’-9”. Electrics travel from approximately 4’ above deck to 38’.
- **Locking Rail:** Locking rail located at fly gallery stage left approximately 12’ from the deck and 34’ from center line.
- **Loading Bridge:** Single loading bridge above fly gallery.
- **Arbors:** Set live load capacity 1,000 lbs.
- **Gridiron:** 44’-00” above the deck with approximately 8’ clear to roof steel, loft blocks are top mounted on grid.
- **Non-counterweight Rigging:** Two pin rails are installed 30’-6” from center line and 14’ from the deck; one at the stage left fly gallery, the other stage right.
- **Note:** The fly tower is located upstage of the plaster line only. Downstage of the plaster line a pipe grid for lighting instruments is installed. The grid slopes downward as it extends upstage. The highest point located at the edge of the apron is 22’-4’-3/8” above the deck. The lowest point is located at the downstage edge of the plaster line and is 20’-1” above the deck.

**Drapery Inventory**

<table>
<thead>
<tr>
<th>Item</th>
<th>Color</th>
<th>Fabric</th>
<th>Dimensions</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grand Drape Traveler</td>
<td>Brick Red</td>
<td>IFR Velour</td>
<td>21’ h x 24’w</td>
<td>Full, Weight Tape</td>
</tr>
<tr>
<td>Midstage Traveler</td>
<td>Black</td>
<td>IFR Velour</td>
<td>(2 Panels) 19’-6” h x 25’w</td>
<td>Full, Weight Tape</td>
</tr>
<tr>
<td>Upstage Traveler</td>
<td>Black</td>
<td>IFR Velour</td>
<td>(2 Panels) 24’ h x 24’w</td>
<td>Full, Chain</td>
</tr>
<tr>
<td>Border #1</td>
<td>Black</td>
<td>IFR Velour</td>
<td>3’h x 48’w</td>
<td>Flat, Weight Tape</td>
</tr>
<tr>
<td>Border #2 &amp; #3</td>
<td>Black</td>
<td>IFR Velour</td>
<td>6’h x 48’w</td>
<td>Flat, Weight Tape</td>
</tr>
<tr>
<td>Leg Pair #1</td>
<td>Black</td>
<td>IFR Velour</td>
<td>(2 Legs) 21’h x 3’w</td>
<td>Flat, Weight Tape</td>
</tr>
<tr>
<td>Leg Pair #2</td>
<td>Black</td>
<td>IFR Velour</td>
<td>(2 Legs) 21’h x 6’w</td>
<td>Flat, Weight Tape</td>
</tr>
<tr>
<td>Leg Pair #3</td>
<td>Black</td>
<td>IFR Velour</td>
<td>(2 Legs) 24’ h x 12’-6”w</td>
<td>Flat, Chain</td>
</tr>
<tr>
<td>Black Scrim</td>
<td>Black</td>
<td>Sharkstooth Scrim</td>
<td>21’ h x 48’w</td>
<td>Flat, Pipe Pocket</td>
</tr>
<tr>
<td>Cyclorama (Translucent)</td>
<td>White</td>
<td></td>
<td>21’ h x 48’w</td>
<td>Seamless, Flat, Pipe Pocket</td>
</tr>
<tr>
<td>Cyclorama (Bounce)</td>
<td>Natural Muslin</td>
<td></td>
<td>21’ h x 46’w</td>
<td>Seamless, Flat, Skirt with Pipe Pocket</td>
</tr>
<tr>
<td>ZetexPlus</td>
<td>Black</td>
<td></td>
<td>4’ h x 48’w</td>
<td>Flat</td>
</tr>
<tr>
<td>Movie Screen</td>
<td>White</td>
<td></td>
<td>22’ h x 19’-6”w</td>
<td>Height Adjustable</td>
</tr>
</tbody>
</table>

**Additional Stock:**

<table>
<thead>
<tr>
<th>Item</th>
<th>Color</th>
<th>Fabric</th>
<th>Dimensions</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-Thread Scrim</td>
<td>White</td>
<td>Sharkstooth Scrim</td>
<td>21’h x 46’w</td>
<td>Flat, Skirt with Pipe Pocket</td>
</tr>
<tr>
<td>3 Spare Borders</td>
<td>Black</td>
<td>IFR Velour</td>
<td>4’h x 45’w</td>
<td>Flat, Chain</td>
</tr>
<tr>
<td>2 Spare Leg Pairs</td>
<td>Black</td>
<td>IFR Velour</td>
<td>24’h x 12’-6”w</td>
<td>Flat, Chain</td>
</tr>
</tbody>
</table>
# Stage Electrical Circuit Schedule

*(Circuits are 2.4kw unless otherwise noted)*

<table>
<thead>
<tr>
<th>Position</th>
<th>Total Circuits Available</th>
<th>Circuit Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catwalk 3</td>
<td>12 Circuits Total</td>
<td>1-12</td>
</tr>
<tr>
<td>Catwalk 2</td>
<td>18 Circuits Total</td>
<td>13-30</td>
</tr>
<tr>
<td>Catwalk 1</td>
<td>18 Circuits Total</td>
<td>31-48</td>
</tr>
<tr>
<td>Grid</td>
<td>30 Circuits Total</td>
<td>49-68, 129-138</td>
</tr>
<tr>
<td>1st Electric</td>
<td>24 Circuits Total</td>
<td>69-91</td>
</tr>
<tr>
<td>2nd Electric</td>
<td>24 Circuits Total</td>
<td>105-128</td>
</tr>
<tr>
<td>3rd Electric</td>
<td>12 Circuits Total</td>
<td>92-104</td>
</tr>
<tr>
<td>SL Cove</td>
<td>4 Circuits Total</td>
<td>162, 163, 193, 194</td>
</tr>
<tr>
<td>SR Cove</td>
<td>4 Circuits Total</td>
<td>176, 177, 196, 197</td>
</tr>
<tr>
<td>SL Pin Rail</td>
<td>(12) 2.4kw &amp; 1 6kw</td>
<td>139, 146-173, 195, 174 (6kw Circuit)</td>
</tr>
<tr>
<td>SR Pin Rail</td>
<td>(12) 2.4kw &amp; 1 6kw</td>
<td>140, 178-187, 198, 188 (6kw Circuit)</td>
</tr>
<tr>
<td>SL Proscenium Wall</td>
<td>2 Circuits Total</td>
<td>141, 142</td>
</tr>
<tr>
<td>SR Proscenium Wall</td>
<td>2 Circuits Total</td>
<td>143, 144</td>
</tr>
<tr>
<td>DSL Floor Pocket</td>
<td>2 Circuits Total</td>
<td>145, 146</td>
</tr>
<tr>
<td>DSR Floor Pocket</td>
<td>2 Circuits Total</td>
<td>147, 148</td>
</tr>
<tr>
<td>USL Floor Pocket</td>
<td>4 Circuits Total</td>
<td>149, 152</td>
</tr>
<tr>
<td>USC Floor Pocket</td>
<td>4 Circuits Total</td>
<td>153, 156</td>
</tr>
<tr>
<td>USR Floor Pocket</td>
<td>4 Circuits Total</td>
<td>157, 160</td>
</tr>
</tbody>
</table>

## Lighting Inventory

**ETC Element with Net3 Radio Focus Remote:**

- Located backstage right
- In the control booth, balcony level

**ETC SmartFade 2496**

**Lighting Instruments:**

- Strand SL 575w at 3050K: 26° 46, 36° 48, 50° 1, 30° 60, 40° 60
- Colortran ERS 1000w at 3200K: 10° 28, 20° 58, 30° 60
- 4.5"x25° 50° Altman Zoom 750w at 3000K: 20
- 6" Altman Fresnel 575w or, 750w at 3250K: 60
- 8" Altman Fresnel 1000w at 3050K: 14
- 8" Colortran Fresnel 1000w at 3050K: 10
- 8" Strand Fresnel 1000w at 3050K: 1
- PAR64 1000w at 3200K available in NSP, MFL or WFL: 8
- L&J Broadcyc Cells 1000w at 3200K: 64
- Broadcyc units may be comprised of 1 to 4 cells.
- GAM Stik-up 100w at 3000K: 1
- Chauvet COLORado 1 49w RGB LED 15°: 8
- Lycian Super Arc 400 Followspot 400w at 5600K: 2
- Le Maitre G300 Fog Machine with DMX Interface: 2

**Effects:**

- Strand SL B size Template holders: 30
- Strand SL Drop-in Irises: 4
- Strand SL Glass Template holders: 4
- Strand SL Universal Glass Template 86mm holders: 4
- Colortran A Size Template Holders: 100
- Colortran Irises (to be used instead of shutters): 12
- Altman 4.5" Zoom A Size Template Holders: 20
- Hanging Irons for L&J Broadcyc Units: 16
- 7.5" Barndoors: 29
- 10" Barndoors: 11
- 7.5" Snoots: 56
- 7.5" Donut: 2
- 10" Donut: 11
- Pigeon Plate: 6

**House Theatrical Lighting Dimming and Control**

**Dimming:**

- Colortran ENR Series Dimmer Racks
- 170 Dimmers at 2.4kw, 20A
- 2 Dimmers at 6kw, 50A
- 15 Dedicated House Light Dimmers

**Lighting Positions:**

- 3 front of house lighting catwalks are provided at 4'-0" tall
- 1 front of house box boom position per side
- Avail. upon request: 4 mobile booms per side at 10'-0" tall
- Downstage of the plaster line a lighting pipe grid is installed
- 3 permanent Electrics are located upstage of the plaster line

**Tech Table:**

- Dimmable Lighting and non-dim Power Strip are provided
SOUND SYSTEM

FOH Console: Behringer X32
- Input, 25 Total Bus Digital Mixer
- Mix Buses, Main LCR, 6 Matrix Buses
- Gain Programmable Mic Preamps
- 1/4” TRS Aux Inputs
- Balanced XLR Outputs
- Motorized Faders
- Virtual FX Rack
- 7” Color TFT
- Mix Position is in the house, Balcony Left behind row DD

House PA System
- Main Left and Right Eastern Acoustic Works Full Range Loudspeakers JF-560
- Center Pair Eastern Acoustic Works Full Range Loudspeakers JF-560Z
- Subwoofer Left and Right JBL Subwoofer/Bass Loudspeakers SR4715A
- House System Powered by 4 QSC Audio Model 1400 Amplifiers

House PA Processing
- Omnidrive Loudspeaker Management System FDS-366
  - Main Left Low and High
  - Main Right Low and High
  - Center Pair Low and High
- dbx Model 233xs Stereo 2-Way/Mono 3-Way Crossover
  - Subwoofer Left and Right

Monitor System
- Electro Voice Floor Monitor FM-1202ER Loudspeakers
- Electro Voice Floor Monitor FM-1502ER Loudspeaker

Amplifiers
- QSC Audio RMX 850 Amplifier

Playback
- Tascam CD-01U Professional

Inputs
- Channel 1-12 XLR inputs are in the Stage Right alcove
- Channel 13-24 XLR inputs are in the Stage Left alcove
- Both Snakes can reach Center Stage

Microphones (Wired)
- Shure SM57
- Shure SM58

Microphones (Wireless)
- Shure UC Receivers
- Shure SM58 Wireless Handhelds
- Shure UC1-UA Wireless Transmitter Packs with Shure Microphones WLS0 (beige) with swiveling lapel clip or magnet mount
- Shure Wireless Microphone Receivers ULXS4
- Shure SM58 Wireless Handhelds
- Shure ULX1-M1 Wireless Transmitter Packs with Shure Microphones
  - WL-185 (black) with swiveling lapel clip or 3 available tie tack clips

Direct Input Boxes
- Whirlwind Director (passive)
- Whirlwind IMP 2 (passive)
- Whirlwind PC DI for 1/8” Stereo and Dual RCA to Dual XLR (passive)
**SUPPLEMENTAL SOUND REINFORCEMENT**

**Mixing Console**
Mackie 12 Channel Mixer 1202-VLZ

**Loudspeakers**
JBL Full Range Loudspeakers SR4735
Community Full Range Loudspeakers CSX-57
M-Audio Studiophile BX5a Powered Loudspeakers

**Outboard Gear**
dbx Model 166 Gain Reduction Compressor
 dbx Model 266 Compressor Gate
Lexicon PCM70 Digital Effects Processor

**Intercom**
Clear Com 2 Channel Main Station Encore MS-702
Clear Com 501 Single Channel Beltpacks
Clear Com 502 Dual Channel Beltpacks

**Hearing Impaired**
OnWave Phonic Ear PE-560T Transmitter
Phonic Ear Receivers

**ADDITIONAL STAGE EQUIPMENT**

**Pianos**
Steinway Model D - 9' Concert Grand Piano, Black with Artist's Bench
Boston Upright Piano, Black with Artist's Bench
Wooden Double-wide Bench

**Lecture Equipment**
Elmo Document Projector
Overhead Transparency Projector
Rolling White Board approximately 4'x6'
Lectern with built in microphone, Black, black marble inset on front
Lectern with optional attachment for mic (wood, black marble inset on front)
Smart lectern with built in DVD/VHS player, Document Camera, speakers, VGA hookup, and video playback monitor

**Platforms**
Monroe Platforms, Brown Masonite Tops:
Two 4'x6' at 24" High
One 3'x3' at 8" High
Two 4'x6' at 16" High
Two Trapezoid at 16" High
Two 4'x6' at 8" High
Two Wedge Shaped at 8" High
Eight 4'x8' at 16" High
Four Trapezoid at 24" High

**Orchestra Equipment**
Wenger 'Legacy' Acoustical Shells, Off-white
Wenger 'Tourmaster' 3-Step Standing Choral Risers with optional 4th step and rear railing
Orchestra Chairs, Grey Upholstered, Black Frames
Wenger 'Bravo' Double Rail Music Stands, Black Deck, Chrome Base
Music Stand Lights
Conductor's Podium (3'-3 1/2"x3'-0" at 8 1/2")
Acrylic Conductor's Music Stand

**Video Projection**
Epson PowerLite 8300i Video Projector
(1024 x 768 pixel; 5200 ANSI Lumens; 1200:1 Contrast Ratio)
19'-6" wide x22'-0" high Front Projection Screen on Linestet
DVD Player, Regions 1 or 0, NTSC only
VCR Player, NTSC only
Computer VGA Hookup

**35mm Slide Projection**
Projectors: Kodak Ektographic III B Slide Projector with wired remote
Kodak Ektographic III E Plus Slide Projector with wired remote
Lenses:
Kodak Ektanar Projection Zoom Lens 4 to 6 inches f:3.5
Kodak Ektanar Projection Lens 127mm f:2.8
Kodak Ektanar Projection Zoom Lens 102mm f:2.8
Raynox Projection Lens 100mm f:2.8
Raynox Projection Lens 75-125mm (3-5") Zoom f:3.5 FF
Wiko Projection Zoom Lens 100-150mm f:3.5
Buhl Optical Projection Lens Cat #864-060 VFL 2.4"-3.6"

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**AVAILABLE EQUIPMENT INVENTORY SHOULD BE CONFIRMED WITH THE TECHNICAL DIRECTOR PRIOR TO LOAD-IN. ALL ITEMS ARE SUBJECT TO AVAILABILITY.**

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Revised June 8, 2016