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.
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.

HARRIS THEATRE DOES NOT PROVIDE PARKING FOR PRODUCTION STAFF. THE THEATRE IS ADJACENT TO THE MASON POND PARKING DECK.
**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.
**HARRIS 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&quot;</td>
<td>Border #1 and Leg #1</td>
</tr>
<tr>
<td>2</td>
<td>2'-9&quot;</td>
<td>Grand Drape*</td>
</tr>
<tr>
<td>3</td>
<td>3'-3&quot;</td>
<td>Electric #1*</td>
</tr>
<tr>
<td>4</td>
<td>4'-7&quot;</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>5'-2&quot;</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>5'-10&quot;</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>6'-4&quot;</td>
<td>Movie Screen*</td>
</tr>
<tr>
<td>8</td>
<td>6'-10&quot;</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>7'-3&quot;</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>7'-7&quot;</td>
<td>Border #2</td>
</tr>
<tr>
<td>11</td>
<td>8'-7&quot;</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>9'-1&quot;</td>
<td>Midstage Traveler*</td>
</tr>
<tr>
<td>13</td>
<td>9'-7&quot;</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>10'-1&quot;</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>10'-7&quot;</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>11'-1&quot;</td>
<td>Electric #2*</td>
</tr>
<tr>
<td>17</td>
<td>11'-7&quot;</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>12'-1&quot;</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>12'-7&quot;</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>13'-1&quot;</td>
<td>Leg #3</td>
</tr>
<tr>
<td>21</td>
<td>13'-7&quot;</td>
<td>Black Scrim &amp; Translucent Cyc</td>
</tr>
<tr>
<td>22</td>
<td>14'-0&quot;</td>
<td>Upstage Traveler*</td>
</tr>
<tr>
<td>23</td>
<td>14'-6&quot;</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>15'-0&quot;</td>
<td>Zetex Border and Electric #3*</td>
</tr>
<tr>
<td>25</td>
<td>16'-6&quot;</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 batters 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 upward 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 (Self)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grand Drape Traveler</td>
<td>Brick</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>19'-6&quot;h x 25'w</td>
<td>Full, Weight Tape</td>
</tr>
<tr>
<td>Upstage Traveler</td>
<td>Black</td>
<td>IFR Velour</td>
<td>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>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>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>24'h x 12'-6&quot;w</td>
<td>Flat, Chain</td>
</tr>
<tr>
<td>Black Scrim</td>
<td>Black</td>
<td>Sharkstooth</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</td>
<td>Muslin</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&quot;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 (Self)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-Thread Scrim</td>
<td>White</td>
<td>Sharkstooth</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&quot;w</td>
<td>Flat, Chain</td>
</tr>
</tbody>
</table>
## Stage Electrical Circuit Schedule

(Orders 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, 164-173, 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>USR Floor Pocket</td>
<td>4 Circuits Total</td>
<td>153-156</td>
</tr>
<tr>
<td>Grid</td>
<td>30 Circuits Total</td>
<td>157-160</td>
</tr>
</tbody>
</table>

## Lighting Inventory

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

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

**ETC SmartFade 2496**

**Lighting Instruments:**

- Strand SL 575w at 3050K
  - 26° 46
  - 36° 48
  - 50° 1
  - 40° 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 avail in NSP, MFL or WFL 8

- L&B Broadycyc Cells 1000w at 3200K 64

**Broadycyc 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&B Broadycyc Units 16
  - 7.5” Barndoor 29
  - 10” Barndoor 11
  - 7.5” Snoot 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
- 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 upstream of the plaster line

**Tech Table:**

- Dimmable Lighting and non-dim Power Strip are provided

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**THERE ARE NO COMPANY SWITCHES AVAILABLE. PLEASE CONTACT THE TECHNICAL DIRECTOR IF YOUR PRODUCTION HAS SPECIAL POWER REQUIREMENTS.**

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

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**Revised June 8, 2016**

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**George Mason University Center for the Arts Harris Theatre | 888-945-2468 | CFA.GMU.EDU**
## Sound System

### FOH Console: Behringer X32
- Input, 25 Total Bus Digital Mixer: 40
- Mix Buses, Main LCR, 6 Matrix Buses: 16
- Gain Programmable Mic Preamps: 32
- 1/4" TRS Aux Inputs: 6
- Balanced XLR Outputs: 16
- Motorized Faders: 25
- 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: 1
- 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: 1
- Subwoofer Left and Right

### Monitor System
- Electro Voice Floor Monitor FM-1202ER Loudspeakers: 5
- Electro Voice Floor Monitor FM-1502ER Loudspeaker: 4

### Amplifiers
- QSC Audio RMX 850 Amplifier: 1

### Playback
- Tascam CD-01U Professional: 2

### 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: 6
- Shure SM58: 6

### Microphones (Wireless)
- Shure UC Receivers: 2
- Shure SM58 Wireless Handhelds: 2
- Shure UC1-UA Wireless Transmitter Packs with Shure Microphones WL50 (beige) with swiveling lapel clip or magnet mount: 2
- Shure Wireless Microphone Receivers ULX54: 8
- Shure SM58 Wireless Handhelds: 8
- Shure ULX1-M1 Wireless Transmitter Packs with Shure Microphones WL-185 (black) with swiveling lapel clip or 3 available tie tack clips: 8

### Direct Input Boxes
- Whirlwind Director (passive): 2
- Whirlwind IMP 2 (passive): 4
- Whirlwind PC DI for 1/8" Stereo and Dual RCA to Dual XLR (passive): 2
HARRIS THEATRE

SUPPLEMENTAL SOUND REINFORCEMENT

**Mixing Console**
Mackie 12 Channel Mixer 1202-VLZ 1

**Loudspeakers**
JBL Full Range Loudspeakers SR4735 2
Community Full Range Loudspeakers CSX-57 2
M-Audio Studiophile BX5a Powered Loudspeakers 2

**Outboard Gear**
dbx Model 166 Gain Reduction Compressor 1
dbx Model 266 Compressor Gate 4
Lexicon PCM70 Digital Effects Processor 1

**Intercom**
Clear Com 2 Channel Main Station Encore MS-702 1
Clear Com 501 Single Channel Beltpacks 11
Clear Com 502 Dual Channel Beltpack 1

**Hearing Impaired**
OnWave Phonic Ear PE-560T Transmitter 1
Phonic Ear Receivers 20

**ADDITIONAL STAGE EQUIPMENT**

**Pianos**
Steinway Model D - 9' Concert Grand Piano, Black with Artist's Bench 2
Boston Upright Piano, Black with Artist's Bench 1
Wooden Double-wide Bench 1

**Lecture Equipment**
Elmo Document Projector 1
Overhead Transparency Projector 1
Rolling White Board approximately 4'x6' 2
Lectern with built in microphone, Black, black marble inset on front 1
Lectern with optional attachment for mic (wood, black marble inset on front) 1
Smart lectern with built in DVD/VHS player, Document Camera, speakers, VGA hookup, and video playback monitor 1

**Platforms**
Monroe Platforms, Brown Masonite Tops:
Two 4'x6' at 24" High 1
One 3'x3' at 8" High 1
Two 4'x6' at 16" High 2
Two Trapezoid at 16" High 1
Two 4'x6' at 8" High 2
Two Wedge Shaped at 8" High 1
Eight 4'x8' at 16" High 1
Four Trapezoid at 24" High 1

**Orchestra Equipment**
Wenger 'Legacy' Acoustical Shells, Off-white 8
Wenger 'Tourmaster' 3-Step Standing Choral Risers with optional 4th step and rear railing 7
Wenger 'Bravo' Double Rail Music Stands, Black Deck, Chrome Base 60
Music Stand Lights 35
Conductor's Podium (3'-3 1/2"x3'-0" at 8 ½") 1
Acrylic Conductor's Music Stand 1

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

**35mm Slide Projection**
Projectors:
Kodak Ektagraphic III B Slide Projector with wired remote 1
Kodak Ektagraphic III E Plus Slide Projector with wired remote 1

**Lenses:**
Kodak Ektar Base Projection Zoom Lens 4 to 6 inches f:3.5 2
Kodak Ektar Base Projection Lens 127mm f:2.8 1
Kodak Ektar Projection Zoom Lens 102mm f:2.8 1
Raynox Projection Lens 100mm f:2.8 1
Raynox Projection Lens 75-125mm (3-5") Zoom f:3.5 FF 2
Wiko Projection Zoom Lens 100-150mm f:3.5 1
Buhl Optical Projection Lens Cat #864-060 VFL 2.4"-3.6" 2

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

Revised June 8, 2016