Technical Specifications

**General Information Contact:**
Technical Director – Molly Derrig
(603) 893-7069 ext. 1025
molly.derrig@sau57.org

**Parking and Directions:**
44 Geremonty Drive Salem, NH 03079

The Seifert PAC main entrance is the glass entrance on the right side of the school by the large parking lot before the sports fields. Trucks can be backed into the loading dock or unloaded in front of the glass entrance. (Please do not drive vehicles up onto the sidewalk!)

**Facility Information:**
Seating Capacity: 703 + 8 ADA seats = 711
Venue Type: Thrust Proscenium with removable pit cover (no balcony)

*Please also reference Auditorium Seating Chart

**Dimensions:**
Proscenium Height: 18’
Proscenium Width: 37’
I-Beam Height above stage: 37’
Max Batten Height: 33’
Stage Depth:
  - Plaster Line to upstage wall: 32’
  - Center Apron to upstage wall: 48’
Center Apron to Main Curtain: 16’
Stage Width including wings: 90’
Stage Height from House Floor: 2’ 6”
Orchestra Pit Height (from Stage Floor): 8’
Orchestra Width: 34’ 6”
Orchestra Depth (extends under stage): 24’

*Please also reference the Stage Dimensions and Ground Plan

**Load-in Options:**

*From Loading Dock:*
Double standard doors (5’ 8”x 7’ 10”) with removable center post
90° turn into back hallway then onto stage

*From Oversized Doors:*
Accessed by parking at Main Entrance
Oversized doors (6’ 8”x 9’ 10”) into Scene Shop, 90° turn through second set oversized doors onto stage

**Orchestra Pit:**
Pit can be accessed from the house via a small staircase or by load in through an underground tunnel
Capacity: Can hold more than 35 players plus instruments
Pit has plenty of power, along with audio/video hookups, blue lights and work lights
When Wenger pit cover is removed a safety net is stretched across the opening with a removable conductor’s hatch

**Stage Features:**
Main Curtain is Blue Velour. It is dead hung, and opens from center.

Stage Floor is permanent black dance Marley. We are unable to drill into the floor so other means of stabilizing are required. (Please contact Technical Director with any questions about weight loads onstage)

**Dressing Rooms:**
Directly off SR is a Green Room (17’x 12’), which then splits into two separate dressing rooms (13’ x 15’). Each dressing room has its own bathroom. Dressing rooms are equipped with counters and mirrors
along one wall and clothing rail on opposite wall. Door directly out of dressing rooms leads to back hall with loading dock. Dressing room audio feeds are provided from house console mix.

**Hospitality:**
Food Services are available from the Cafeteria. Please contact Linda O'Sullivan (603) 893-7069 ext. 5300 or linda.osullivan@sau57.org with any questions.

**Lighting**

**Stage Lighting:**

Sensor3 120V UL Dimmer Rack

Lighting Console is an ETC Element 40/250. Console can be controlled from Control Booth or Center of House
*Compatible with the ETC RFI app on our iPad

Stage Electrical Load is 400 amps max

**Stage Lighting Equipment Inventory**

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Inventory</th>
<th>Manufacturer/Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ellipsoidal</td>
<td>55</td>
<td>ETC Source 4</td>
</tr>
<tr>
<td>50° Barrel</td>
<td>9</td>
<td>ETC</td>
</tr>
<tr>
<td>36° Barrel</td>
<td>20</td>
<td>ETC</td>
</tr>
<tr>
<td>19° Barrel</td>
<td>26</td>
<td>ETC</td>
</tr>
<tr>
<td>ColorSource Pars</td>
<td>15</td>
<td>ETC</td>
</tr>
<tr>
<td>Ovation Cyc Lights</td>
<td>8</td>
<td>Chauvet</td>
</tr>
<tr>
<td>Twofers</td>
<td>6</td>
<td>Stagepin</td>
</tr>
<tr>
<td>Followspot</td>
<td>1</td>
<td>Lycian 1250KB</td>
</tr>
</tbody>
</table>
House Lighting

The house lights are comprised of a variety of instruments, which can be controlled together or separately for special events. House lights include Star light fixtures, Acoustic Cloud fixtures, Wall Sconces and Ramp lights. All House lights are LED and can be color controlled from the Element Console.

Audio

House Sound System

The Seifert Acoustics are exceptional and sound reinforcement may not be needed depending on your event.

The House System is made up of a Center Speaker above stage, with Left and Right Channel Speakers and a Sub on each side of the stage. There are two Delays located mid house for the back section of seats.

House Audio runs with Dante over Ethernet. Our mixer can be used at either COH or in the Control Booth. You will not be able to patch into our house system without going through our Console or using your own board with Dante capabilities. More speakers can be added by using the outputs on either side of stage.

A Powersafe Pro 200A Company Switch with Camlocks is available on stage left.

The Dressing Rooms have a live house mix piped in through ceiling speakers.

Sound Equipment Inventory

Mixer: Soundcraft Si Performer 3 with onboard EQ and Effects
With 32 mono mic inputs and 8 line inputs
*Can be controlled with an app on our iPad
Loudspeakers
   Center: EAW MK2326i
   Left and Right: EAW MK2394i
   Subs: EAW SB180
   Delays: EAW MK2396i
   Monitors: QSC K12 Active Speakers (3)

Amplification:
   Crown (2) DCi 4/1250, (1) DCi 2/600, (1) DCi 2/300

CD Player: Tascam CD- 200iL

BluRay Player: Denon DN- 500BD

Microphones:
   (2) Shure Wired SM58s
   (2) Shure Wired SM57s
   (6) Shure ULXD2 Handhelds with SM58 capsules
   (12) Shure ULXD1 Bodypack Transmitters
   (10) Shure MX150 Micro Lav Mics
   (8) Shure MX152T/O-TQG Earset Mics
   (2) Shure SM81 Cardioid Mics

Clearcoms:
(6) Wired Clearcoms can be used at various locations around the auditorium:
   Two in Control Booth
   One on either side of the Control Booth at the Followspot positions
   Center of House
   Stage Right and Stage Left

Rigging

The theater is equipped with a Single Purchase Counterweight Fly System. The rail is located Stage Right. All loading is done from the
deck level; there is no upper loading galley. The Seifert does not have a Grid Iron and is currently not equipped to fly live loads (fly actors).

All linesets are 60’ long with 8 hoist cables and 1,000 lb. t-track guided arbors

The 1st and 2nd Electrics are Power Assisted Lifts by JR Clancy. They are operated from SL and have a 1500 lb maximum load.

Stage Electrical Load is 400 amps max

**Lineset Schedule:**

<table>
<thead>
<tr>
<th>Lineset</th>
<th>Distance from Plaster</th>
<th>Purpose</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0' 4”</td>
<td>Blue Main Valance</td>
<td>Deadhung</td>
</tr>
<tr>
<td>2</td>
<td>1’ 0”</td>
<td>Blue Main Curtain</td>
<td>DH, Opens at CT</td>
</tr>
<tr>
<td>3</td>
<td>2’ 6”</td>
<td>1st Electric</td>
<td>Power-Assisted</td>
</tr>
<tr>
<td>4</td>
<td>4’ 0”</td>
<td>General Purpose 1</td>
<td>Empty Fly Line</td>
</tr>
<tr>
<td>5</td>
<td>5’ 0”</td>
<td>Black Border</td>
<td>Deadhung</td>
</tr>
<tr>
<td>6</td>
<td>5’ 6”</td>
<td>Black Legs</td>
<td>Flys - Not fully out</td>
</tr>
<tr>
<td>7</td>
<td>6’ 0”</td>
<td>Projection Screen</td>
<td>DH – Motorized</td>
</tr>
<tr>
<td>8</td>
<td>7‘ 6”</td>
<td>General Purpose 2</td>
<td>Empty Fly Line</td>
</tr>
<tr>
<td>9</td>
<td>8’ 6”</td>
<td>General Purpose 3</td>
<td>Empty Fly Line</td>
</tr>
<tr>
<td>10</td>
<td>9’6”</td>
<td>Black Border</td>
<td>Deadhung</td>
</tr>
<tr>
<td>11</td>
<td>10’ 0”</td>
<td>Black Mid Traveller</td>
<td>Flys - Not fully out Opens at CT</td>
</tr>
<tr>
<td>12</td>
<td>11’ 0”</td>
<td>General Purpose 4</td>
<td>Empty Fly Line</td>
</tr>
<tr>
<td>13</td>
<td>12’ 0”</td>
<td>2nd Electric</td>
<td>Power-Assisted</td>
</tr>
<tr>
<td>14</td>
<td>13’ 6”</td>
<td>General Purpose 5</td>
<td>Empty Fly Line</td>
</tr>
<tr>
<td>15</td>
<td>14’ 6”</td>
<td>General Purpose 6</td>
<td>Empty Fly Line</td>
</tr>
<tr>
<td>16</td>
<td>15’ 6”</td>
<td>Black Border</td>
<td>Deadhung</td>
</tr>
<tr>
<td>17</td>
<td>16’ 0”</td>
<td>Black Legs</td>
<td>Flys – Not fully out</td>
</tr>
<tr>
<td>18</td>
<td>17’ 6”</td>
<td>General Purpose 7</td>
<td>Empty Fly Line</td>
</tr>
<tr>
<td>19</td>
<td>18’ 6”</td>
<td>General Purpose 8</td>
<td>Empty Fly Line</td>
</tr>
<tr>
<td>20</td>
<td>20’ 0”</td>
<td>3rd Electric</td>
<td>Flys</td>
</tr>
<tr>
<td>21</td>
<td>21’ 0”</td>
<td>General Purpose 9</td>
<td>Empty Fly Line</td>
</tr>
<tr>
<td>22</td>
<td>22’ 0”</td>
<td>Black Border</td>
<td>Deadhung</td>
</tr>
<tr>
<td>23</td>
<td>22’ 6”</td>
<td>Black US Traveller</td>
<td>Flys - Not fully out</td>
</tr>
</tbody>
</table>
**Other Systems**

**Listening Assisted System:**
8 Unit Listen Technologies System with Ear Speaker and Neck Loop options

**House Video System:**

The house projector is a 8000 lumen NEC PX803UL-BK laser projector, which is hung center of house just outside the Control Booth Window. Content can be sent to the projector via HDMI, VGA, BluRay and our Apple TV. There are computer hookups onstage, at COH and in the Control Booth. Video switching can be controlled through the Crestron interface on our iPad. There are multiple places around the auditorium where Tripods can be setup for recording.

The full dimensions of the motorized screen onstage are 13’x21’ (16:10)

SSD Media is able to provide professional quality video packages upon request, with advanced notice. Please contact the Technical Director with questions.

**Piano:**
We have a Kawai GM-10 Baby Grand Piano available for rent, along with some standard upright pianos as well.

Use of all pianos requires advanced notice and approval from the Director of Performing Arts.

*A full sized black Scrim is available*
**Box Office/House Management:**

The Box Office is located in the Main Entrance around the corner on the right. The Box Office can double as a Concessions booth and is equipped with a sink, cabinets and plenty of power.

All rentals must provide their own Box Office and House Management staff unless prior arrangements have been made.