SOTTILE THEATRE TECHNICAL SPECIFICATIONS

STAGE

STAGE FLOOR
Material: Polyonyx® Performance Flooring
Color: Black

STAGE DIMENSIONS
Proscenium: 46' 6" W x 26' 11" H
Grid Height: 54'
Stage Deck:
  Width: 76' - SR lockrail to SL wall
  Depth: 26' 10" - plaster line to USL wall
        25' - plaster line to US wall at CL
        23' 10-1/2" - plaster line to USR wall
        *US wall is not parallel to plaster line*
Wings:
  SL: 17' - plaster line to SL wall
  SR: 12' 6" - plaster line to SR lockrail
Apron without Pit Cover:
  Width: 47' 6" - at the proscenium arch
  Depth: 9' 2-1/2" - from plaster line at CL
        4' 8" - from plaster line at SL and SR
Apron plus Pit Cover:
  Width: 40' 6" - US width of pit cover
        52' 4" - DS width of pit cover
  Depth: 20' 3" - from plaster line at CL
        17' 5" - from plaster line at SL and SR

ORCHESTRA PIT DIMENSIONS
Length from US to DS Orchestra Pit walls:
  At Center: 20' 4"
  SR and SL: 17' 6"
Height to stage floor: 8' 1"
Access: 2 US doors from Trap Room

ORCHESTRA PIT LIFT
SERAPID Automated Lift with Rigid Chain Technology
Lift Points: 6
Control Locations: Stage Left Downstage Wing wall panel and Stage Right Pit Cover floor panel
Rated load:
  Static: 81,000 lbs
  Lifting: 27,000 lbs
Total Travel Distance: 8' 1"
Playing Positions: Orchestra Pit, House Floor, Stage

RIGGING SYSTEM
Type: Single Purchase Counterweight
Lockrail Location: Stage Right Wall
Linesets: 36 - see lineset schedule for detailed information
Batten Length: 60'
Batten Type: 1-1/2" Sch. 40 steel pipe
Arbor Capacity: 1400 lbs
SOFT GOODS

MAIN CURTAIN (two panels)
- Type: Guillotine
- Color: Burgundy
- Material: 26oz Prestige Velour
- Size: 41' 6" x 30' (each panel), 100% fullness

VALENCE
- Color: Burgundy
- Material: 26oz Prestige Velour
- Size: 80' x 12', 100% fullness

MASKING CURTAINS
- 3 Borders: 60' x 8', no fullness
- 8 Legs: 10' x 26', no fullness
- 4 Legs: 10' x 24', no fullness

FULL STAGE BLACK
- Type: Guillotine
- Material: Velour
- Size: 27' x 60', no fullness

CYCLORAMA
- Color: White
- Material: Muslin
- Size: 50' x 30'

SCRIM
- Color: Black
- Material: Sawtooth weave
- Size: 60' x 23' 9"

ADDITIONAL GOODS
- 4 Stretch Columns
  - Color: White
  - Material: Poly-fiber
  - Size: 25'

ADDITIONAL STAGE GOODS

MARLEY FLOOR
- Harlequin Cascade Dance Floor
- Color: Black
- Finish: Matte
- Size: Custom cut to fit from US wall to apron (does not extend into wings)
- Care: ABSOLUTELY NO ROSIN PERMITTED ON HOUSE MARLEY
- Additional TBA x TBA roll for orchestra pit cover

ORCHESTRA SHELL
- Finish: Blonde Wood
- Construction: 1 rear wall, 2 side walls, and 3 ceiling panels

PRACTICAL EFFECTS
- 2 Chauvet DJ Cumulus Low-Lying Fog Machine
- 1 Unique 2.1 Hazer
- 1 Viper NT Fog Machine
**LIGHTING SYSTEMS INFORMATION**

**REPERTORY PLOT**
The Theatre maintains a year-round repertory plot. The Technical Director must approve, IN ADVANCE, any alternative lighting needs or equipment brought in from outside vendors.

**CONSOLE & CONTROL**

<table>
<thead>
<tr>
<th>Location</th>
<th>Console:</th>
<th>ETC Gio</th>
</tr>
</thead>
<tbody>
<tr>
<td>Production Booth at rear of house</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**COMPANY SWITCHES**

<table>
<thead>
<tr>
<th>Location</th>
<th>400A, 3-phase, cam-lock</th>
<th>200A, 3-phase, cam-lock</th>
<th>100A, 3-phase, cam-lock</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stage Left Jump</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stage Left Ladder Closet</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stage Left Jump</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Offstage and back walls</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DIMMERS**

<table>
<thead>
<tr>
<th>Location</th>
<th>268 House Dimmers:</th>
<th>96 Portable Dimmers:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETC Sensor3 @ 2.4kW</td>
<td>ETC Sensor3 Touring Rack @ 2.4kW</td>
<td></td>
</tr>
</tbody>
</table>

**HOUSE LIGHTS**
The house lights can be controlled from the light board, a touch panel in the SL wing, or at two preset panels located on the rear wall of the house. Lock out controls possible.

**POSITIONS**

| Location                      | 1st Catwalk: 13’ from proscenium @ 65° |
|-------------------------------|2nd Catwalk: 26’ 2-5/8” from the proscenium @ 47° |
|                               |NEW Front Lighting: 105’ from proscenium @ ~30° |
|                               |Top rung @ 45°, Bottom rung @ 23° |
|                               |HL and HR mounted to 2nd Catwalk |
|                               |16’ steel frame on casters with adjustable positions |
|                               |SL and SR in first 3 wings |

For onstage, overhead lighting positions, see lineset schedule.

**LIGHTING INSTRUMENT INVENTORY**

**ZOOMSPOTS**

<table>
<thead>
<tr>
<th>Location</th>
<th>9 Selecon 23~50° @1kW</th>
</tr>
</thead>
</table>

**ELLIPSOIDALS**

<table>
<thead>
<tr>
<th>Location</th>
<th>ETC Source4 ERS @750W with stage pin</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>12 10° barrels</td>
</tr>
<tr>
<td></td>
<td>2 19° barrels</td>
</tr>
<tr>
<td></td>
<td>26 26° barrels</td>
</tr>
<tr>
<td></td>
<td>15 36° barrels</td>
</tr>
<tr>
<td></td>
<td>26 50° barrels</td>
</tr>
</tbody>
</table>

**LEDS**

<table>
<thead>
<tr>
<th>Location</th>
<th>ETC Selador Vivid-R with edison</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>20 11&quot; fixtures</td>
</tr>
<tr>
<td></td>
<td>30 21&quot; fixtures</td>
</tr>
<tr>
<td></td>
<td>7 63&quot; fixtures</td>
</tr>
<tr>
<td></td>
<td>ETC Source4 ERS LEDs with edison</td>
</tr>
<tr>
<td></td>
<td>2 10° barrels</td>
</tr>
<tr>
<td></td>
<td>6 14° barrels</td>
</tr>
</tbody>
</table>

**FOLLOW SPOTS:**

<table>
<thead>
<tr>
<th>Location</th>
<th>2 Robert Juliat Topaze 1200W</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HL and HR in balcony spot booths</td>
</tr>
</tbody>
</table>
AUDIO EQUIPMENT AND SYSTEMS INFORMATION

CONSOLE & CONTROL

Console: Midas M32
  Location: Production Booth in rear of house
  Inputs: 40
  Mix Busses: 25
  Preamps: 32

Stagebox: Midas D16
  Location: SL Wing Audio Rack
  Inputs: 16
  Outputs: 8

Remote Control: M32 Mix mobile app via WiFi

AUDIENCE HEARING ASSISTANCE

28 Sennheiser Assistive Listening Headsets (with earbuds and neck loop)

MONITOR/PAGING SYSTEM

Green Room and all dressing rooms are equipped with stage feed and paging monitors. Calls can be made through god mic by audio operator from the production booth.

PRODUCTION COMMUNICATION

1 Clear-Com DX200 Wireless Base Station
  Location: SL Wing Audio Rack

1 Clear-Com MS-702 Wired Base Station
  Location: Production Booth in rear of house

4 Wired Clear-Com belt packs
  Location: Production Booth

8 Wireless Clear-Com belt packs
  Location: Backstage

SPEAKERS

Center Cluster:
  2 KV2 Audio EX15 - 1000W 15" 3-Way Powered Loudspeaker
    Location: Suspended from 1st catwalk

Stage Mains:
  2 QSC E15 - 500W 15" 2-Way Passive Loudspeaker
    Location: Apron DSL and DSR

Subwoofer:
  1 KV2 Audio EX 2.2 - 1000W Active Subwoofer
    Location: Suspended from 1st catwalk

Front Fills:
  2 QSC E10 - 300W 10" 2-Way Passive Loudspeaker
    Location: Apron DS on either side of CL

Monitors:
  2 JBL JRX212 - 250W 12" 2-Way Passive Loudspeaker
    Location: Apron DS on either side of CL

Power Amplifiers:
  5 Crown XLS 1000 High Density Amp
    Location: SL Wing Amplifier Rack

PLAYBACK

Clients may use their own devices equipped with a 1/8" jack for playback. Devices without a 1/8" jack will require the client to bring their own converter. Production audio can be shared with audio operator via Spotify, CD, flash drive, email, or Dropbox.

PLAYBACK DEVICES

Sottile has several available playback devices including a Mac Mini, a MacBook Pro, and a Dell Inspiron laptop

PLAYBACK LOCATIONS

Playback can be routed from the Production Booth or the SL wing with ease. If another location is required, advance notice must be given to the Technical Director.
### AUDIO ACCESSORY INVENTORY

#### MICROPHONES

**Dynamic:**
- 6 Shure SM57
- 4 Shure SM58
- 4 Blue enCORE 100i
- 1 Shure PGA52

**Condenser:**
- 4 Sennheiser E865
- 2 Blue enCORE 300
- 2 AKG CGN99 C
- 1 AT857AMLa
- 2 Shure PGA98H
- 2 DPA d:vote 4099
- 1 Blue SPARK SL

**Wireless Shure QLX-D System:**
- 4 Shure QLXD/SM58
- 4 Shure QLXD1

**QLXD1 Wearable Microphones**
- 4 Shure WL185
- 2 Countryman H6
- 1 Senal UEM-155

**DIRECT BOXES:**
- 4 Radial ProAV1 DI
- 1 Whirlwind DIRECT JT
- 2 Radial Stagebug SB-1

**SNAKES:**
- 1 Whirlwind Medusa Standard - 12-channel, 8in/4out, XLR, 50'
- 3 Whirlwind Medusa Multitrack - 8-channel, XLR, 10'
- 1 Whirlwind Medusa Multitrack - 8-channel, 1/4" TRS(M) to XLR(F), 10'
- 1 Rosa CPP 803 - 8-channel, 1/4" TS, 9.9'
- 1 Rosa CPR 803 - 8-channel, 1/4" TS to RCA, 9.9'

#### MICROPHONE STANDS:
- 3 Straight - Chrome finish
- 2 Straight - Black finish
- 4 Tall Boom - Black finish
- 5 Medium Boom - Black finish
- 2 Short Boom - Black finish
- 3 Tripod Tabletop - Chrome finish
- 1 Desktop - Black finish

### FILM, VIDEO, AND PROJECTION EQUIPMENT

#### PROJECTORS
- Christie L2K1500 LCD 2K Projector (15,000 lumens)
- Barco F50 5K Projector (5,000 lumens)

#### SCREENS
- Movie Screen: 40' x 20'
- Presentation Screen: 17' x 11' (no full stage masking)

#### PLAYBACK
- Video can be played off any device with an HDMI output.

#### SWITCHER
- Roland V-1HD Video Switcher

#### A/V ACCESSORIES
- PerfectCue Signaling System
- Logitech Laser Presentation Remote
- Assorted HDMI Cables
ADDITIONAL EQUIPMENT

FURNITURE
1  Acrylic Podium - clear
6  8' folding tables - white plastic top; grey metal legs
20 Stacking banquet chairs - blue cushions; black metal frame
6  Stools (Black)
12 Music stands (Black)

WARDROBE
1  Steamer
1  Ironing Board
1  Iron
1  Washer
1  Dryer
6  Portable Wardrobe Racks

LOAD IN
   Assorted Hand Tools
   Assorted Power Tools
   Assorted Pneumatic Tools
1  Craftsman 30g Air Compressor
2  Chair Dollies
1  Appliance Dolly
   Assorted Floor Dollies
2  8' A-Frame Ladders
1  12' A-Frame Ladder
1  Extension Ladder
1  Genie AWP-30S Standard Aerial Lift**
   **To be operated by qualified Sottile personnel only

INSTRUMENTS
1  Roland RD-800 Stage Piano with stand

INTERNET & WIFI ACCESS
Internet is accessible throughout the theatre via Wi-Fi. Internet is provided by the College of Charleston, and therefore requires a CofC account to access the secure network; a freely accessible guest network is available with a guest sign-in.

If you need access to the secure Wi-Fi network during your production, the Sottile can arrange for you to have a temporary account for secure network sign-in WITH ADVANCE NOTICE.
## Sottile Theatre Lineset Schedule

*Updated 03/18/2021 by Evie Palmisano*

<table>
<thead>
<tr>
<th>Lineset</th>
<th>Distance From Plaster Line</th>
<th>Descriptions</th>
<th>Capacity (lbs)</th>
<th>Notes</th>
<th>Batten Length</th>
<th>Motor #’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1’-6”</td>
<td>Valence</td>
<td>1400</td>
<td></td>
<td></td>
<td>60'</td>
</tr>
<tr>
<td>2</td>
<td>2’-2”</td>
<td>Main Curtain</td>
<td>1400</td>
<td></td>
<td></td>
<td>60'</td>
</tr>
<tr>
<td>3</td>
<td>2’-10”</td>
<td>Movie Screen</td>
<td>1400</td>
<td>Mounted to steel frame. 40’ (12.2M) W x 20’ (6.1M) H</td>
<td>60'</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>3’6”</td>
<td>Legs</td>
<td>1400</td>
<td>10’ W x 26’ H</td>
<td>60'</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>4’2”</td>
<td></td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>4’10”</td>
<td></td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>5’8”</td>
<td></td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>6’2”</td>
<td>1st Electric</td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>6’10”</td>
<td></td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>7’6”</td>
<td>Presentation Screen</td>
<td>1400</td>
<td>17’ x 11’ - no full stage masking</td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>8’2”</td>
<td></td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>8’10”</td>
<td>Border</td>
<td>1400</td>
<td>50’ W x 8’ H</td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>9’6”</td>
<td>Legs</td>
<td>1400</td>
<td>10’ W x 26’ H</td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>10’-2”</td>
<td></td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>10’-10”</td>
<td></td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>11’-6”</td>
<td></td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>12’-2”</td>
<td>2nd Electric</td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>12’-10”</td>
<td></td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>13’-6”</td>
<td></td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>14’-1”</td>
<td>Blocked by HVAC system</td>
<td>N/A</td>
<td>Blocked by HVAC system</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>15’-6”</td>
<td>Legs</td>
<td>1400</td>
<td>10’ W x 26’ H</td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>16’-2”</td>
<td></td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>16’-10”</td>
<td></td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>17’-6”</td>
<td></td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>18’-2”</td>
<td></td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>18’-10”</td>
<td></td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>19’-6”</td>
<td>3rd Electric</td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>20’-2”</td>
<td></td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>20’-10”</td>
<td></td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>21’-6”</td>
<td>Legs + Border (same pipe)</td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>22’-2”</td>
<td>4th Electric</td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>22’-10”</td>
<td></td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>23’-6”</td>
<td></td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>24’-2”</td>
<td></td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>24’-10”</td>
<td>Cyclorama</td>
<td>1400</td>
<td></td>
<td>60’</td>
<td></td>
</tr>
</tbody>
</table>

*Blue color coded linesets are occupied and cannot be changed*