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
  5 Borders: 60' x 8', 22oz Encore Velour, no fullness
  4 Legs: 10' x 26', 22oz Encore Velour, no fullness
  10 Legs: 10' x 24', 22oz Encore Velour, no fullness

FULL STAGE BLACK
  Type: Guillotine
  Material: 22oz Encore Velour
  Size: 60' x 27', 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' tall

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

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

PRACTICAL EFFECTS
  2 Chauvet DJ Cumulus Low-Lying Fog Machine
  1 Unique 2.1 Hazer
  1 Look Solutions 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

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

COMPANY SWITCHES

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td><strong>400A, 3-phase, cam-lock</strong></td>
<td><strong>Location:</strong></td>
</tr>
<tr>
<td><strong>1</strong></td>
<td><strong>200A, 3-phase, cam-lock</strong></td>
<td><strong>Location:</strong></td>
</tr>
<tr>
<td><strong>1</strong></td>
<td><strong>100A, 3-phase, cam-lock</strong></td>
<td><strong>Location:</strong></td>
</tr>
<tr>
<td><strong>Miscellaneous 110V Edison</strong></td>
<td><strong>Location:</strong></td>
<td><strong>Offstage and back walls</strong></td>
</tr>
</tbody>
</table>

DIMMERS

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>300</strong></td>
<td><strong>House Dimmers:</strong></td>
<td><strong>ETC Sensor3 @ 2.4kW</strong></td>
</tr>
<tr>
<td><strong>96</strong></td>
<td><strong>Portable Dimmers:</strong></td>
<td><strong>ETC Sensor3 Touring Rack @ 2.4kW</strong></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

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>1st Catwalk:</strong></td>
<td><strong>13' from proscenium @ 65°</strong></td>
<td></td>
</tr>
<tr>
<td><strong>2nd Catwalk:</strong></td>
<td><strong>26’ 2-5/8” from the proscenium @ 47°</strong></td>
<td></td>
</tr>
<tr>
<td><strong>NEW Front Lighting:</strong></td>
<td><strong>105’ from proscenium @ ~30°</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Location:</strong></td>
<td><strong>Above balcony seating</strong></td>
<td></td>
</tr>
<tr>
<td><strong>2 Box Booms:</strong></td>
<td><strong>Top rung @ 45°, Bottom rung @ 23°</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Location:</strong></td>
<td><strong>HL and HR mounted to 2nd Catwalk</strong></td>
<td></td>
</tr>
<tr>
<td><strong>6 Dance Booms:</strong></td>
<td><strong>16’ steel frame on casters with adjustable positions</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Location:</strong></td>
<td><strong>SL and SR in first 3 wings</strong></td>
<td></td>
</tr>
</tbody>
</table>

For onstage, overhead lighting positions, see lineset schedule.

LIGHTING INSTRUMENT INVENTORY

ZOOMSPOTS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>9</strong></td>
<td><strong>Selecon 23~50° @1kW</strong></td>
</tr>
</tbody>
</table>

ELLIPSOIDALS

<p>| | | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td><strong>102</strong></td>
<td><strong>ETC Source4 ERS @750W with stage pin</strong></td>
<td></td>
</tr>
<tr>
<td><strong>8</strong></td>
<td><strong>ETC Source4 ERS LEDs with edison</strong></td>
<td></td>
</tr>
</tbody>
</table>

ELLIPSOIDAL BARRELS

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>14</strong></td>
<td><strong>10° barrels</strong></td>
<td></td>
</tr>
<tr>
<td><strong>6</strong></td>
<td><strong>14° barrels</strong></td>
<td></td>
</tr>
<tr>
<td><strong>16</strong></td>
<td><strong>19° barrels</strong></td>
<td></td>
</tr>
<tr>
<td><strong>26</strong></td>
<td><strong>26° barrels</strong></td>
<td></td>
</tr>
<tr>
<td><strong>15</strong></td>
<td><strong>36° barrels</strong></td>
<td></td>
</tr>
<tr>
<td><strong>26</strong></td>
<td><strong>50° barrels</strong></td>
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</table>

LEDS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>ETC Selador Vivid-R with edison</strong></td>
<td></td>
</tr>
<tr>
<td><strong>20</strong></td>
<td><strong>11” fixtures</strong></td>
</tr>
<tr>
<td><strong>30</strong></td>
<td><strong>21” fixtures</strong></td>
</tr>
<tr>
<td><strong>7</strong></td>
<td><strong>63” fixtures</strong></td>
</tr>
</tbody>
</table>

FOLLOW SPOTS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>2</strong></td>
<td><strong>Robert Juliat Topaze 1200W</strong></td>
</tr>
<tr>
<td><strong>Location:</strong></td>
<td><strong>HL and HR in balcony spot booths</strong></td>
</tr>
</tbody>
</table>

PARS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>15</strong></td>
<td><strong>Altman PAR64</strong></td>
</tr>
<tr>
<td><strong>26</strong></td>
<td><strong>ETC Source Four PARnel</strong></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
2 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
- 4 Shure SM58
- 1 Shure PGA52

**Condenser:**
- 4 Sennheiser E865
- 2 Blue enCORE 300
- 2 AKG CGN99 c/s
- 1 AT857AMLa
- 4 Shure PGA98H
- 2 DPA d:vote 4099
- 1 Blue SPARK SL
- 4 Shure SM58
- 1 Violet Pearl Vocal
- 2 Astatic 901
- 1 Shure 809
- 2 Shure 809
- 2 Violet Wedge
- 3 Crown PCC-160
- 2 Shure KSM137 (matched pair)

**Wireless Shure QLX-D System:**
- 8 Shure QLXD/SM58 handheld
- 8 Shure QLXD1 beltpack

**QLXD1 Wearable Microphones:**
- 8 Shure WL185
- 2 Avlex HS-48A
- 1 Senal UEM-155

**DIRECT BOXES**
- 2 Radial ProAV1
- 1 Radial ProAV2
- 1 Radial Stagebug SB-1

**SNAKES**
- 1 Whirlwind Medusa Standard - 12-channel, 8in/4out, XLR, 150'
- 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
- 6 Straight - Black finish
- 4 Tall Boom - Black finish
- 9 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**
- ATEM Mini Pro HDMI
- Roland V-1HD Video Switcher

**AV ACCESSORIES**
- PerfectCue Signaling System
- Logitech Laser Presentation Remote
- Assorted HDMI Cables
## ADDITIONAL EQUIPMENT

### FURNITURE
1. Acrylic Podium - clear
2. 8' folding tables - white plastic top; grey metal legs
3. 20 Stacking banquet chairs - blue cushions; black metal frame
4. 6 Stools (Black)
5. 12 Music stands (Black)

### WARDROBE
1. Steamer
2. Ironing Board
3. Iron
4. Washer
5. 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
2. Assorted Floor Dollies
3. 8' A-Frame Ladders
4. 12' A-Frame Ladder
5. Extension Ladder
6. 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

Blue color coded linesets are occupied and cannot be changed.

<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>60'</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>2'-2''</td>
<td>Main Curtain</td>
<td>1400</td>
<td></td>
<td>60'</td>
<td></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 20' 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>Orchestra Shell Ceiling DS</td>
<td>1400</td>
<td></td>
<td>60'</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>5'6''</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>Orchestra Shell Ceiling CS</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>Blocked by HVAC system</td>
<td>N/A</td>
<td>Blocked by HVAC system</td>
<td>N/A</td>
<td></td>
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</tr>
<tr>
<td>21</td>
<td>14'-1''</td>
<td>Border</td>
<td>1400</td>
<td>50' W x 8' H</td>
<td>60'</td>
<td></td>
</tr>
<tr>
<td>22</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>23</td>
<td>16'-2''</td>
<td></td>
<td>1400</td>
<td></td>
<td>60'</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>16'-10''</td>
<td></td>
<td>1400</td>
<td></td>
<td>60'</td>
<td></td>
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<tr>
<td>25</td>
<td>17'-6''</td>
<td></td>
<td>1400</td>
<td></td>
<td>60'</td>
<td></td>
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<tr>
<td>26</td>
<td>18'-2''</td>
<td></td>
<td>1400</td>
<td></td>
<td>60'</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>18'-10''</td>
<td></td>
<td>1400</td>
<td></td>
<td>60'</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>19'-6''</td>
<td>3rd Electric</td>
<td>1400</td>
<td></td>
<td>60'</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>20'-2''</td>
<td>Orchestra Shell Ceiling US</td>
<td>1400</td>
<td></td>
<td>60'</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>20'-10''</td>
<td></td>
<td>1400</td>
<td></td>
<td>60'</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>21'-6''</td>
<td>Legs + Border (same pipe)</td>
<td>1400</td>
<td></td>
<td>60'</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>22'-2''</td>
<td>4th Electric</td>
<td>1400</td>
<td></td>
<td>60'</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>22'-10''</td>
<td></td>
<td>1400</td>
<td></td>
<td>60'</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>23'-6''</td>
<td></td>
<td>1400</td>
<td></td>
<td>60'</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>24'-2''</td>
<td></td>
<td>1400</td>
<td></td>
<td>60'</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>24'-10''</td>
<td>Cyclorama</td>
<td>1400</td>
<td></td>
<td>60'</td>
<td></td>
</tr>
</tbody>
</table>

Updated 08/30/2021 by Evie Palmisano