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 USR wall
25' - plaster line to US wall at CL
23' 10-1/2" - plaster line to USL 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: 35 - 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: 60' 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

ATMOSPHERIC EFFECTS
  2 Chauvet DJ Cumulus Low-Lying Fog Machine
  1 Look Solutions Viper NT Fog Machine
  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
  Console:  ETC Gio
  Location:  Production Booth at rear of house

COMPANY SWITCHES
1  400A, 3-phase, cam-lock  Location:  Stage Left Jump
1  200A, 3-phase, cam-lock  Location:  Stage Left Ladder Closet
1  100A, 3-phase, cam-lock  Location:  Stage Left Jump
   Miscellaneous 110V Edison Location:  Offstage and upstage walls

DIMMERS
300  House Dimmers:  ETC Sensor3 @ 2.4kW
   96  Portable Dimmers:  ETC Sensor3 Touring Rack @ 2.4kW

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

For onstage, overhead lighting positions, see lineset schedule.

LIGHTING INSTRUMENT INVENTORY

ZOOMSPOTS
  9  Selecon 23~50° @1kW

ELLIPSOIDALS
  102  ETC Source4 ERS @750W with stage pin
  8  ETC Source4 Lustr 2 with edison

ELLIPSOIDAL BARRELS
  14  10° barrels
  6  14° barrels
  16  19° barrels
  26  26° barrels
  15  36° barrels
  26  50° barrels

LEDS
  ETC Selador Vivid-R with stage pin
  20  11" fixtures
  30  21" fixtures
  7  63" fixtures

FOLLOW SPOTS
  2  Robert Juliat Topaze 1200W
     Location:  HL and HR in balcony spot booths

PARS
  15  Altman PAR64
  26  ETC Source Four PARnel
### AUDIO EQUIPMENT AND SYSTEMS INFORMATION

#### CONSOLE & CONTROL

<table>
<thead>
<tr>
<th>Component</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Console:</td>
<td>Midas M32</td>
</tr>
<tr>
<td>Location:</td>
<td>Production Booth in rear of house</td>
</tr>
<tr>
<td>Inputs:</td>
<td>40</td>
</tr>
<tr>
<td>Mix Busses:</td>
<td>25</td>
</tr>
<tr>
<td>Preamps:</td>
<td>32</td>
</tr>
<tr>
<td>2 Stagebox:</td>
<td>Midas D16</td>
</tr>
<tr>
<td>Location:</td>
<td>SL Wing Audio Rack</td>
</tr>
<tr>
<td>Inputs:</td>
<td>16</td>
</tr>
<tr>
<td>Outputs:</td>
<td>8</td>
</tr>
<tr>
<td>Remote Control:</td>
<td>M32 Mix mobile app via WiFi</td>
</tr>
</tbody>
</table>

#### 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:**
1 KV2 Audio EX15 - 1000W 15" 3-Way Powered Loudspeaker
   - Location: Suspended from 1st catwalk

**Stage Mains:**
2 KV2 Audio ESR 215 3-Way Passive Loudspeaker
   - Location: Left and right of proscenium

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

**Monitors:**
4 KV2 Audio ESD-5 2-Way Passive Loudspeaker
   - Location: Suspended from 1st & 3rd LX onstage
2 QSC K10.2 2-Way Powered Loudspeaker
   - Location: DSL and DSR in each wing
2 JBL JRX212 - 250W 12" 2-Way Passive Loudspeaker
   - Location: Apron DS on either side of CL - ONLY INSTALLED UPON REQUEST

**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 Inspirion 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
Condenser:
4 Sennheiser E865
2 Blue enCORE 300
1 AKG CGN99 c/s
1 AT857AMLa
2 Shure PGA99H
2 DPA d:vote 4099
1 Blue SPARK SL
4 Shure SM58
1 Shure PGA52
1 Shure 809
2 Astatic 901
1 Shure MX392/C
3 Crown PCC-160
2 Shure KSM137 (matched pair)

Wireless Shure QLX-D System:
4 Shure QLXD/SM58 handheld
4 Shure QLXD/Beta58 handheld

QLXD1 Wearable Microphones:
8 Shure WL185
2 Avlex HS-48A
1 Senal UEM-155
2 Countryman H6
4 Countryman E6i

DIRECT BOXES
2 Radial ProAV1
2 Radial ProAV2
2 Radial Stagebug SB-1
1 Whirlwind Director
1 Whirlwind DIRECT JT

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'

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

A/V 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. Piano Bench (adjustable, black)
6. 30 18" seat musician's chair (black plastic)
7. 10 16" seat musician's chair (black plastic)
8. 18 Music stands (Black)

WARDROBE
1. Steamer
2. Ironing Board
3. Iron
4. Washer
5. Dryer
6. 6 Portable Wardrobe Racks

LOAD IN
- Assorted Hand Tools
- Assorted Power Tools
- Assorted Pneumatic Tools
1. Craftsman 30gal Air Compressor
2. Chair Dollies
3. Appliance Dolly
4. 5 Assorted Floor Dollies
5. 2 8' A-Frame Ladders
6. 1 12' A-Frame Ladder
7. 1 16' Fiberglass Extension Ladder
8. 1 24' Metal Extension Ladder
9. 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 provide you with credentials to sign in via the Theatre's guest account.
# 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 24' 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>
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<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 24' 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>
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</tr>
<tr>
<td>15</td>
<td>10'-10'</td>
<td></td>
<td>1400</td>
<td></td>
<td>60'</td>
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</tr>
<tr>
<td>16</td>
<td>11'-6''</td>
<td></td>
<td>1400</td>
<td></td>
<td>60'</td>
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<tr>
<td>17</td>
<td>12'-2''</td>
<td>2nd Electric</td>
<td>1400</td>
<td></td>
<td>60'</td>
<td></td>
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<tr>
<td>18</td>
<td>12'-10''</td>
<td>Orchestra Shell Ceiling CS</td>
<td>1400</td>
<td></td>
<td>60'</td>
<td></td>
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<tr>
<td>19</td>
<td>13'-6''</td>
<td></td>
<td>1400</td>
<td></td>
<td>60'</td>
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</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>
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<td></td>
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<tr>
<td>21</td>
<td>14'-10''</td>
<td>Border</td>
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<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 24' 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>
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<tr>
<td>24</td>
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<td>25</td>
<td>17'-6''</td>
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<td>1400</td>
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<tr>
<td>26</td>
<td>18'-2''</td>
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<td>60'</td>
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<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>Border: 50'W x 8'H; Legs: 10'W x 24'H</td>
<td>60'</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>22'-2''</td>
<td>4th Electric</td>
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<td>22'-10''</td>
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<td>35</td>
<td>24'-2''</td>
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<td>1400</td>
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<td>60'</td>
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<tr>
<td>36</td>
<td>24'-10''</td>
<td>Cyclorama</td>
<td>1400</td>
<td>50'W x 30'H</td>
<td>60'</td>
<td></td>
</tr>
</tbody>
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Updated 08/22/2022 by Evie Palmsano