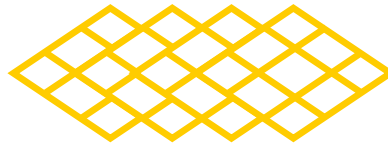


**NORTH CHARLESTON
COLISEUM**



**NORTH CHARLESTON
PERFORMING ARTS CENTER**

CHARLESTON AREA CONVENTION CENTER

R. Keith Summey
Mayor

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General Manager

NORTH CHARLESTON PERFORMING ARTS CENTER

FACILITY INFORMATION

REVISED OCTOBER 2010



Private Management for Public Facilities

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1.0 TECHNICAL SPECIFICATIONS

- 1.1 VENUE SHAPE:** Proscenium Theater
- 1.2 CAPACITY:** 2341 - *Orchestra:* 1306 *Grand Tier:* 970 *Orchestra Pit:* 65
- 1.3 HOUSE OPENS:** Sixty (60) minutes prior to curtain
- 1.4 CATERING:** In-house catering available. See Facility User Guide.
- 1.5 NOVELTIES:** Locations available, percentages apply. See Facility User Guide.
- 1.6 STAGEHANDS:** IATSE Local 333
- 1.7 ADA ACCESSIBILITY:** House, stage and dressing rooms are accessible

1.8 ACCESS: Located at the East End of building (inside the service yard) with (2) exterior 16'h x 10'w roll-up doors. Twin docks at truck height (one with a leveler plate). The interior receiving area (backstage) is approximately 30' x 34'.

Stage access is through a Bi-fold sound isolating door measures 16'h x 16'w. Distance from exterior doors to interior stage door is 30'.

1.9 STAGE:

| | | | |
|--------------------------|----------------------------|---------------------------|------------------|
| <i>Size:</i> | 108' x 42' | <i>Apron:</i> | 72' x 4' |
| <i>Stage Height:</i> | 3'6" | <i>Floor Type:</i> | Pine strip floor |
| <i>Proscenium Width:</i> | 60' | <i>Proscenium Height:</i> | 25' |
| <i>Grid Size</i> | 106' x 42' | <i>Grid Height:</i> | 67' |
| <i>House Access:</i> | Ramps stage right and left | | |

NOTE: Proscenium to Catwalk: #1 - 6'; #2 - 20'; #3 - 40'; Booth catwalk - 84'; Rear of house - 144'

1.10 Orchestra Lift:

Push-button Gala Spiralift to three fixed stops: orchestra pit, thrust stage or additional seating.

| | | | |
|-----------------------------|-----|-----------------------------|-------------------------------------|
| <i>Lift Width:</i> | 50' | <i>Lift Depth:</i> | 13' (center stage) to 4' 6" (sides) |
| <i>Orchestra Pit Width:</i> | 50' | <i>Orchestra Pit Depth:</i> | 10' (in addition to lift depth) |

1.11 SUPPORT AREAS:

| <u><i>Dressing Rooms</i></u> | <u><i>Type</i></u> | <u><i>Capacity</i></u> |
|------------------------------|--------------------|------------------------|
| (2) | Quad | 8 |
| (4) | Single | 4 |
| (2) | Chorus | 23 |

All contain lighted make-up mirrors, chairs, tables, sinks, showers and toilets.

| | | |
|-----|-------------------|---|
| (1) | Wardrobe | 11' x 36' (2 washers, 3 dryers and 2 sinks) |
| (1) | Green Room | 9' 6" x 28' (furnished) |
| (1) | Production office | |

1.12 FOH LOCATION:

The preferred floor location for touring shows is located at the accessible seating locations at the cross aisle, 86' from stage (Limited space may be available due to ADA requirements).

1.13 SOUND SYSTEM:

- FOH Mixer:* (1) Yamaha PM5D Digital Mixing Console
- FOH Processing:* (2) Ashly Stereo 1/3 Octave EQ
(4) Drawmer 2-Channel Compressor/Limiter
(1) Drawmer 4-Channel Noise Gate
(1) Lexicon MPX-1 Digital Effects
(2) Lexicon MPX-500 Digital Effects
(1) Yamaha SPX-990 Digital Effects
(1) EAW UX-8800 Processor
(1) Ashly 24.24 Matrix Processor
- Speakers:* (16) EAW KF730 3-way Line Array Modules
(8) EAW SB730 low frequency drivers
(4) EAW JF80 front fill speakers
- Delay Speakers:* (6) EAW KF300e 3-way full range speakers
- Amplifiers:* (8) Crown Model Macro-Tech i Series power amplifiers
- Monitor Mixer:* (1) Yamaha M7CL Digital Mixing Console
- Monitor Amps:* (8) QSC 1.6 & (2) QSC 3.4 & (2) QSC 6.0
- Monitor Processing:* (4) Ashly 2-Channel 1/3 Octave EQ
(1) PreSonus 8 Channel Compressor/Limiter
- Monitor Speakers:* (8) EAW SM-260 & (6) EAW SM-220
(4) EAW KF300e / SB330e full range stacks
- Effects Playback System:* Includes source equipment such as CD player, cassette deck, DAT Player/Recorder
- Wireless Microphones:* (8) Shure UHF wireless receivers (12) lavalier microphones and (9) Beta 87 hand held microphones
- Lobby Paging/Monitor Systems:* The system allows for voice paging in the lobby areas, provides background music or serves as a lobby PA.
- Backstage Paging/Monitor Systems:* The system allows for voice paging throughout the backstage support areas. In addition, the monitor system receives the program originating onstage and distributes this to selected backstage areas.
- Equipment:* A full range of microphones, stands, snakes, patch cords, direct boxes and stage power drops are available.

1.14 PRODUCTION INTERCOM SYSTEM:

ClearCom 4-channel master station system with hard-wired locations throughout the theater and wall speaker stations in some backstage areas. Equipment includes belt-packs, headsets and a Telex 4-unit VHF wireless system. The system will also allow for voice paging in selected areas from a remote master station.

1.15 ASSISTED HEARING SYSTEM:

A five-channel infrared assisted hearing system that complies with current ADA regulations. Includes (80) patron receivers, with battery chargers.

1.16 LIGHTING:

Operator's Console: (2) ETC Obsession II Control Console: 1500 channels, dual color monitors.

Dimmers: ETC Sensor Dimmer Racks (672 dimmers)

House/Lecture Control Stations: A separate house/lecture control system provides up to (8) presets. A Master station allows patching of dimmers to control channels and setting of presets.

Master Preset Stations: A transfer control allows selection either of the operator's console or the house/lecture control to operate the dimmers. Key switches in the booth and down stage right transfer between modes.

Stage Lighting Instruments:

1. (20) ETC 410B Ellipsoidal Spotlight, 10 degree, 575W lamp
2. (70) ETC 419B Ellipsoidal Spotlight, 19 degree, 575W lamp
3. (70) ETC 426B Ellipsoidal Spotlight, 26 degree, 575W lamp
4. (50) ETC 436B Ellipsoidal Spotlight, 36 degree, 575W lamp
5. (10) ETC 255OZ Ellipsoidal Zoom Spotlight, 25-50 degree, 600/750W lamp
6. (50) Altman 75Q Fresnel Spotlight, 8 inch, 1000W lamp
7. (20) Altman 1KAF Fresnel Spotlight, 6 inch, 1000W lamp
8. (75) ETC Source 4 PAR Spot, 575W lamp
9. (10) Altman R40 Border light Strip, 300W-PAR56WFL lamps, 4 circuit, 8 ft. long, includes hanging irons and floor trunnions, glass rondels for these strips, 30 ea. Red & Green and 60 ea. Blue
10. (14) Altman SC-02H. SkyCyc, 1500W, 4-circuit
11. (4) Strong International Short Throw Super Trouper Followspot, 2KW Xenon
12. Equipment (as available): donuts, gobo holders, etc.

1.17 ELECTRICAL:

| <u>Quantity</u> | <u>Type</u> | <u>Phase</u> | <u>Location</u> |
|-----------------|-------------|--------------|--|
| (3) | 400-amp | 3-phase | Downstage right, 50' from downstage center |
| (1) | 200-amp | 3-phase | Downstage right |
| (1) | 400 amp | 3-phase | Downstage left 50' from downstage center |
| (1) | 200-amp | 3-phase | Downstage left |
| (1) | 250-amp | 3-phase | Bus Power, Loading Dock (8) 50 amp outlets |

All service voltage is 120/208. Show power disconnects equipped with Camlock connectors with reverse neutral and ground.

1.18 RIGGING:

Grid: Structural steel at 73' 6" above stage floor
 Channel grid at 67' above stage floor
 Total grid measurements: 106' x 42'

Downstage of proscenium: Beams at 40' 9" above stage floor

Stage Rigging: The stage rigging system consists of (66) single purchase counter-weight sets, including (6) dual batten stage electric sets, (2) dual batten light ladder sets and (2) tab sets. Also includes drop box rigging (16 sets) for the stage lighting drop boxes.

Batten length (typ) is 70', 1 1/2" schedule 40 pipe with 2,300 # weight limit

Flyrail is located stage right at stage level

Stage Curtains: Act Curtain, (2) Traveler sets, cyc, black scrim, light blue scrim, side tab curtains and (6) sets of borders and legs for stage masking.

| DRAPERY | MATERIAL | COLOR | LGT. | HGT. | PANELS | FULLNESS |
|-------------------|----------|----------|------|------|--------|----------|
| Fire Curtain | Fbrglass | Natural | 63' | 27' | 1 | None |
| Valence | Velour | Red | 70' | 12' | 1 | 50% |
| Act Curtain | Velour | Red | 37' | 26' | 2 | 100% |
| Legs | Velour | Black | 12' | 26' | 12 | None |
| Borders | Velour | Black | 35' | 12' | 16 | None |
| Mid Traveler | Velour | Black | 37' | 26' | 2 | 50% |
| Rear Traveler | Velour | Black | 43' | 26' | 2 | 50% |
| Cyclorama | Canvas | Lt. Blue | 70' | 30' | 1 | None |
| Scrim | Scrim | Lt. Blue | 70' | 30' | 1 | None |
| Scrim | Scrim | Black | 70' | 30' | 1 | None |
| Tabs | Velour | Black | 12' | 26' | 6 | None |
| Orch. Pit Curtain | Velour | Black | 20' | 7' | 3 | None |

1.19 STAGE RISERS:

All staging material is StageRight

- 4' x 8' sections, 12" high (6 total)
- 4' x 8' sections, adjustable from 16" to 24" high (20 total)
- 4' x 8' sections, adjustable from 24" to 32" high (26 total)
- 4 tier choral riser, 96-120 capacity
- 3-tier seated riser, 96-192 capacity

1.20 EQUIPMENT/SERVICES:

| | |
|--------------------------|--|
| <i>Piano:</i> | Yamaha U-1 (Upright) |
| <i>Piano Tuning:</i> | Available on request |
| <i>Music Chairs:</i> | (90) Wenger Musician chairs |
| <i>Music Stands:</i> | (75) Manhasset music stands with lights |
| <i>Conductors Stand:</i> | (1) Wenger Podium with music stand |
| <i>Pipe & Drape:</i> | Black 8' and 3' available |
| <i>Tables:</i> | 6' & 8' rectangular and 66" & 72" rounds |
| <i>Chairs:</i> | Folding and hard back |

1.21 FORKLIFTS:

Two Yale CNG forklifts with 5,000 lb. basic load capacity and 14' lift are available at the Complex. **Forklifts may not be used on the stage.** One set of five-foot fork extensions.

1.22 PARKING:

Service yard has space and shore power for approximately eight buses and/or trucks. Service area is secured and lighted. Adjacent parking lot provides ample additional parking.

1.23 TRUCK STAGING:

Truck staging area is approximately 180' x 90'

1.24 INTERNET

Wireless and hardwire internet is available in most backstage areas.

2.0 RULES & REGULATIONS

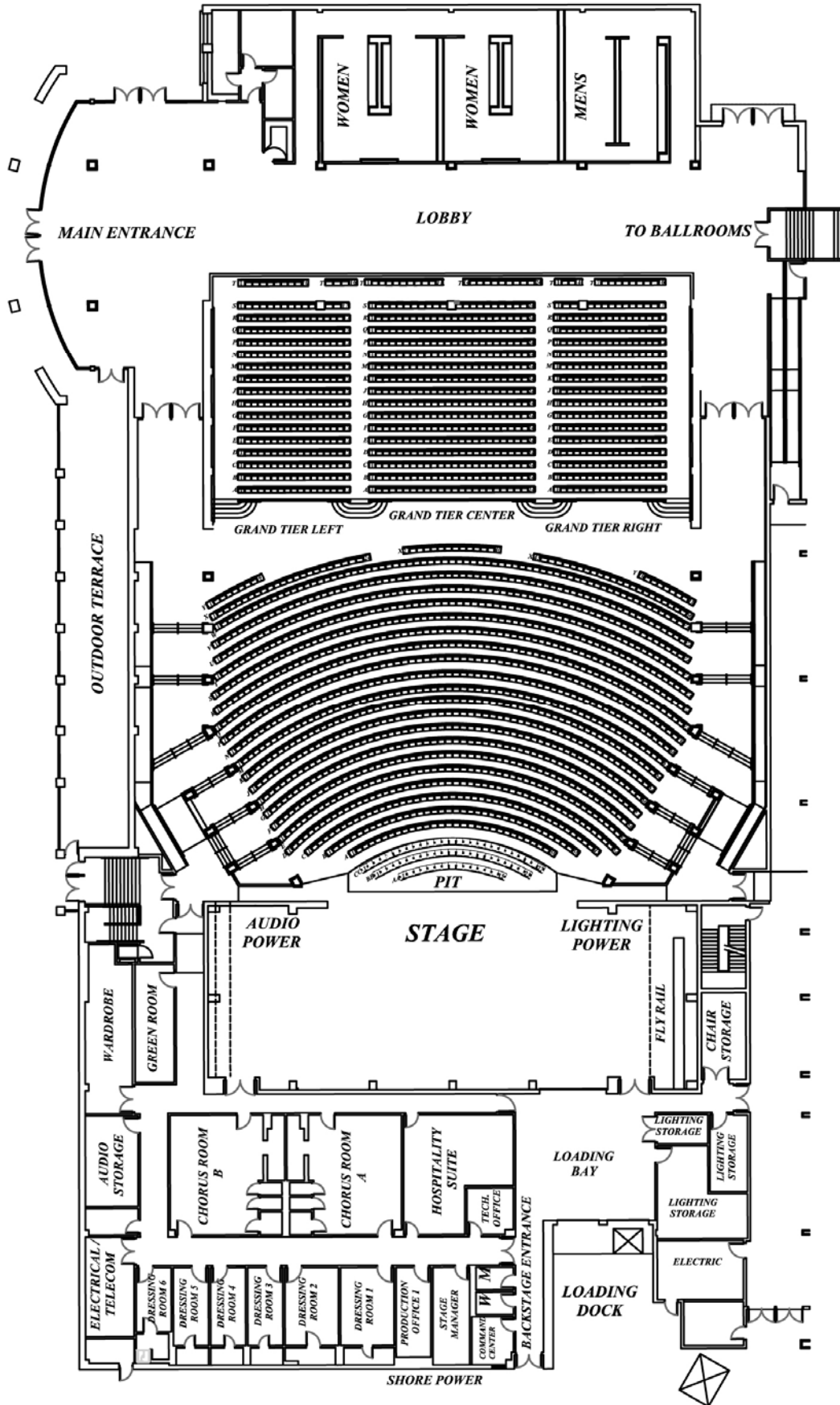
- 1) The house normally opens sixty (60) minutes prior to the scheduled performance. All set-up and sound checks must be complete by this time.
- 2) The Licensee shall not allow nails, tacks, stage screws or similar articles to be driven or placed in any part of the building without prior approval of the Union Crew Chief.
- 3) All scenery and paraphernalia shall be fireproofed by the Licensee to satisfy legal standards and the highest standards of accepted contemporary practice.
- 4) All smoke effects and pyrotechnics must be pre-approved. See Facility User Guide.
- 5) Remaining programs, inserts or other items left behind after the final performance will be discarded within 24 hours of that performance, unless other arrangements have been made.
- 6) The Licensee will submit a “late seating” policy to the House Manager no later than two (2) hours prior to the event.

3.0 RIGGING SCHEDULE

| Set # | Description | Location | Set # | Description | Location |
|-------|---------------------|----------|-------|--------------------|------------------|
| 1 | Fire Safety Curtain | 0' - 3" | 36 | Mid Stage Traveler | 21 - 6" |
| 2 | Valance | 1' - 0" | 37 | | 22' - 0" |
| 3 | Act Curtain | 1' - 6" | 38 | | 22 - 6" |
| 4 | Legs | 2' - 0" | 39 | 4th Electric | 23' - 0" |
| 5 | | 2' - 6" | 40 | | 24 - 6" |
| 6 | | 2' - 11" | 41 | | 25' - 0" |
| 7 | 1st Electric | 3' - 6" | 42 | | 25' - 6" |
| 8 | | 5' - 0" | 43 | | 26' - 0" |
| 9 | | 5' - 6" | 44 | | 26' - 6" |
| 10 | | 6' - 6" | 45 | | 27' - 0" |
| 11 | | 7' - 0" | 46 | | 27' - 6" |
| 12 | | 7' - 6" | 47 | Border | 28' - 0" |
| 13 | Border | 8' - 0" | 48 | Leg Set | 28' - 6" |
| 14 | Legs | 8' - 6" | 49 | | 29' - 0" |
| 15 | | 9' - 0" | 50 | | 29' - 6" |
| 16 | | 9' - 6" | 51 | 5th Electric | 30' - 8" |
| 17 | 2nd Electric | 10' - 0" | 52 | | 31' - 8" |
| 18 | | 11' - 0" | 53 | | 32' - 0" |
| 19 | | 11' - 6" | 54 | | 32' - 6" |
| 20 | | 12' - 6" | 55 | | 33' - 0" |
| 21 | | 13' - 0" | 56 | | 33' - 6" |
| 22 | | 13 - 6" | 57 | | 34' - 0" |
| 23 | Border | 13 - 11" | 58 | | 34' - 6" |
| 24 | Legs | 14' - 6" | 59 | Border | 35' - 0" |
| 25 | | 15' - 0" | 60 | Up Stage Traveler | 35' - 6" |
| 26 | | 15' - 6" | 61 | SR Light Ladder | 36' - 6" R of CL |
| 27 | 3rd Electric | 16' - 0" | 62 | SR Tab Set | 37' - 6" R of CL |
| 28 | | 17' - 0" | 63 | | 36' - 9" |
| 29 | | 17' - 6" | 64 | 6th Electric | 37' - 6" |
| 30 | | 18' - 6" | 65 | | 38' - 6" |
| 31 | | 19' - 0" | 66 | | 39' - 0" |
| 32 | | 19' - 6" | 67 | | 39' - 6" |
| 33 | | 20' - 0" | 68 | Blue Cyc | 40' - 0" |
| 34 | | 20' - 6" | 69 | SL Light Ladder | 37' - 6" L of CL |
| 35 | Border | 21' - 0" | 70 | SL Tab Set | 38' - 6" L of CL |

NOTE: Lineset Travel: 1-10= 58'
 11-70= 64'

4.0 FLOOR PLAN



5.0 STAGE PLAN

PAC Stage Specs

STAGE SIZE = 108' X 42'
 STAGE HEIGHT = 3' 6"
 PROSCENIUM WIDTH = 60'
 GRID SIZE = 106' X 42'
 APRON = 72' X 4'
 FLOOR TYPE = PINE STRIP FLOOR
 PROSCENIUM HEIGHT = 25'
 GRID HEIGHT = 67'

CARGO DOOR
 16' X 16'

