



Technical Specifications

Driving Directions

From Interstate 40, take Exit #388A, James White Parkway. Stay in the right lane and take second exit to the **right**, marked "US 441/Downtown/Cumberland Avenue."

To Front of Theatre/Box Office

After exiting James White Parkway, turn right at the second traffic light onto Gay Street. The Theatre entrance is two blocks ahead on the right, at the corner of Gay Street and Clinch Avenue.

To Loading Door

After exiting James White Parkway, turn right at the first traffic light onto State Street. Cross Church Avenue. The loading door is on the near left corner of the Theatre, adjacent to the alley and across the street from the First Presbyterian Church and cemetery. Park on the left side of the street, close to the building under the stage extension cantilever (20'-0" clearance) to unload.

To Stage Door

After exiting James White Parkway, turn right at the first traffic light onto State Street. Cross Church Avenue. At the next intersection, turn left onto Clinch Avenue. The Stage Door is No. 204, on the left.

To Theatre Administration (including catering deliveries)

After exiting James White Parkway, turn right at the first traffic light onto State Street. Cross Church Avenue. At the next intersection, turn left onto Clinch Avenue. The Theatre offices are ahead on the left, about halfway up the block.

Dressing Rooms

All dressing rooms are located below stage level. A total of 63 dressing/make-up stations (mirrors, shelves, and incandescent light) are in the dressing room area.

Each of the following rooms is equipped with at least one shower, toilet, and sink:

- 4 Star Rooms – each with 2 stations: "Helen Hayes", "Chet Atkins", "Lionel Hampton", "Tom Mix"
- 4 Principal Rooms – three with 4 stations, one with 5 stations: "Donald O'Connor", "Butterfly McQueen", "Anthony Perkins", "Johnny Cash"
- 2 Chorus Rooms – each with 12 stations: "Fanny Brice", "Robert Preston"

The following rooms are equipped with dressing/make-up stations and a hand sink:

- "Frank Capra" – with 6 stations, multiple analog phone/fax lines, Internet connection, etc. (Can serve as production office.)
- "John Payne" – with 4 stations, also with multiple analog phone/fax lines, Internet connection, etc. (Can serve as production office.)
- "Fifi D'Orsay" – with 4 stations (Adjacent to "Fanny Brice" Chorus Room; can serve as additional chorus room space.)

Other Backstage Facilities

A passenger elevator on SR and stairwells on SR and SL serve all backstage levels and connect to audience chamber. A scenery lift serves the Stage, Pit, and State Street Levels. Consult the "Stage Specifications" section for more information.

Below stage, Pit level:

- Crossover corridor
- Orchestra pit, seating approximately 55 – 60 musicians
- Musicians' Storage Room, adjacent to orchestra pit
- Wardrobe/Laundry with 2 washers & 2 dryers, clothing racks, mirrors, etc.
- Stagehand/Crew Room with lockers
- Women's Restroom, general use

Below auditorium, Dressing level:

- All dressing rooms listed above
- Stage Door – Access to/from Clinch Avenue
- Green Room – with comfortable furnishings, wet bar, and video monitor of stage.
- "Glenn Miller" Room – 475 sq. ft. multipurpose room with a Marmoleum floor, and a mirrored wall. Door access to/from Clinch Avenue.
- Catering Prep Room – Adjacent to the Glenn Miller Room, with sinks and disposal, refrigerator, microwaves, dishwasher, icemaker, counter space, storage shelves, etc.
- Access to Front of House, Lounge Level

Below stage, State Street level:

- Men's Restroom, general use
- Loading Door
- General Storage (Theatre use only)
- Extra-wide corridor for empty road case storage

Miscellaneous Equipment Inventory

Acoustic "Shell" Enclosure

A custom acoustic shell, manufactured by the Wenger Corporation, has been designed for the renovated Tennessee Theatre. It consists of three adjustable ceiling panels, permanently rigged (see Line Plot for exact location), and nine tri-fold towers. Combinations of towers and ceiling panels can be used to increase or decrease the depth of the enclosure. For exact dimensions, weights, and other information about the shell, please contact the Technical Director. Use of the acoustic shell is not included in the base rental and will incur an equipment charge plus labor (see Rate Card). Only authorized stagehands are allowed to set and strike the shell.

Film Projection System

The Tennessee Theatre's film projection system consists of two (2) Century 35mm projectors (installed in summer 2000), and a Dolby Stereo sound system with digital processor.

Digital Projection System

NEC NC2500 DLP digital projector with a Doremi DCP2000 server (installed in summer 2014), and a Dolby Stereo sound system with digital processor.

House Movie Screen

The movie screen measures 42'-0" by 18'-0" and is permanently rigged (please consult Line Plot for exact location). Masking can adjust to any size projected image.

House Piano

1928 Kanabi, measuring 6'-8", suitable for rehearsals and ensemble performances. Those needing a piano for guest artists or for professional-quality ensemble use are advised to rent an instrument to their specifications.

Ladders

The Theatre owns the following step ladders: one 10'-0", two 8'-0" and one 6'-0".

Man Lift

"Genie" one-person lift with a maximum extension of 24'-0". Authorized use only.

Music Stands

The Theatre owns 75 Manhasset music stands.

Risers

The Theatre owns three (15) Wenger Duralite risers, measuring 4'-0" x 8'-0". Legs for any number of the risers to be 8", 16", or 24" in height.

Wurlitzer Organ

The Theatre's organ is a 1928 3/16 Wurlitzer, an original installation fully restored in 2001 by Ken Crome. The main and solo pipe chambers flank the proscenium opening, disguised by faux "box seats." When not in use, the organ console is housed in a climate-controlled room one level below stage at the back of the orchestra pit. The console is brought to stage level on the pit lift. It can be located anywhere on the lift. A complete stop list available upon request. Only approved organists may play the Wurlitzer.

Seating Capacity

Fixed seating, orchestra level	1196
Fixed seating, balcony level	402
Pit seating (removable, ganging)	<u>47</u>
Maximum capacity	1645

For additional information on seating capacity or ADA seating, please consult the seating chart or contact the Box Office Manager.

Dimensions

Proscenium width	54'-0"
Proscenium height	26'-0"
DS lip to rear wall	45'-3"
Fire line to rear wall	43'-0"
Last US batten to rear wall	1'-0"
Center Line to SR Pin Rail	42'-6"
Center Line to scenery lift SL	42'0"
Center Line to SL wall	52'-6"
Wall to Wall (SL Wall to SR Pin rail)	95'-6"

Stage Floor

The stage floor is quarter-inch-thick, double-tempered Masonite over 3 layers of three-quarter-inch plywood, sprung on 2" resilient mounts, which are spaced 16" off-center in each direction. Mineral fiber insulation is placed between mounts. Floor surface is painted flat black.

Rigging System

T-Track Counterweight system, located SR, with locking rail accessible at stage level or at fly floor.

Line sets	51
Grid Iron Height	65'-0"
Battens fly out to:	61'-6"
Truss Batten length	56'-0"
16 sets of extensions are available to increase batten length to 68'-0"	
Arbor capacity	1600 lbs. above pipe weight.
Total weight above pipe weight available	40,000 lbs. (5000 lbs. at deck level)

Drapes

Sets of Legs, flat (Black)	5
Sets of Borders, flat (Black)	5
Concert Traveler, 75% fullness (Burgundy)	1
Travelers, flat (Black)	2
Cyclorama (Sky Blue)	1
Scrim (Black)	1
Decorative House Curtain, guillotine only	1

Scenery Lift & Loading

Measuring 9'-5" x 24'-0" is located off-SL, serving all backstage levels. Mechanical spiral-type lift. Also used as off-SL wing space when not in use. Surface is double-tempered Masonite and sprung surface, identical to stage floor.

Loading occurs at lowest level, off State Street through 12'-0" x 9'-0" coiling door directly onto lift. Ramp from truck to street can be provided; no curb exists at street level. Early morning/day Load-ins: maximum two trucks at door. Late load-out (10PM or later): maximum four trucks at door. (See "Driving Directions" for details on location of loading door.)

Pit Lift/Stage Extension

The lift is 44'-0" x 12'-0" at its widest point, tapering down to 6' on each side. Mechanical spiral-type lift operational at three levels:

- 8'-9" below stage, as floor of orchestra pit for approx. 50 – 55 musicians
- 3'-8" below stage at audience level, for additional seating
- At stage level, adding a maximum of 12'-0" to stage depth.

Lift may also be stopped at any point of travel.

Stage Power

All company switches are 208 volt with cam lock connectors (ground and neutral reversed)

Stage Right	(1) 3 Phase / 400 amp	(back wall)
Stage Left	(1) 3 Phase / 200 amp / Isolated Ground	(back wall)
Stage Left	(1) 3 Phase / 100 amp / Isolated Ground	(front wall)
Stage Left	(2) 3 Phase / 400 amp	(side wall)
SL Fly Floor	(2) (Shares with SL sidewall power-below)	
Steel Grid	(1) 3 Phase / 100 amp (for rigging motors)	(on SL wall)
Loading Door	(1) 3 Phase / 200 amp (for busses or video trucks)	