

Technical Specifications for

STAGE 42

422 W. 42nd St., NY, NY 10036

AUDITORIUM

Seating capacity: 499

Front nine rows are gently raked (5" risers), rear nine rows are stadium seating (17" risers), maximum distance from the stage is less than 60'.

Auditorium's theater technology features:

- Upper perimeter catwalks that connect to stagehouse fly floors and that accommodate lighting and sound positions and cable runs.
- Catwalk bridge spanning auditorium accommodating lighting positions.
- Follow spot platforms at catwalk level at rear with 200A power panel plus 200A sound panel
- Enclosed control booth behind seating with over 100A available power and direct ladder access to catwalk level.
- Multiple vertical lighting booms at sides of auditorium.

STAGEHOUSE

Stage Dimensions:

- Proscenium opening width: 39'-7"
- Proscenium opening height: 24'
- Overall width of stage: 71'
- Depth (smoke pocket to upstage wall): 26'-1"
- Edge of apron to plaster line: 4'-1" plus 6" deep smoke pocket
- Grid height above deck: 48'-4" (47'-7" clear below)

Rigging Accommodations:

- Gridiron with 50 psf live load capacity; includes five wells plus 3" slat channels; hoisting trap above SL wing
- Headlock beam as well as loft bock support beams for accommodating underslung units; all rated for 1,500 lb. loading capacity per 5-line system set
- Each fly floor is equipped with a pin rail rated for 500 lbs. uplift per linear foot, concentrated load of 1,000 lbs. uplift

Electric Power Availability (all distribution is 120/208V 3-phase)

- 1200A company switchboard
- 200A panel for sound power on SL fly floor
- 200A fused disconnect at stage level for automation, etc.
- Two 100A panels at stage level for miscellaneous loads, one SL, the other SR

House Curtain

- Guillotine style
- Operated from SR fly floor
- Rigged from #1 system set, 6" upstage of smoke pocket

Orchestra Pit

- Approximately 400 sq. ft.
- Available platform system to cover pit and extend floor of auditorium seating when orchestra pit not in use.

Understage Trap Area

- Column free
- Approximately 1,125 sq. ft.

BACKSTAGE

Dressing Rooms:

- Two chorus-type rooms, one accommodating up to ten people, one accommodating up to seven people
- Two smaller dressing rooms for use as single rooms by featured performers, or each could be shared by two people

Stage Manager's office (has facilities to accommodate use as a dressing room)

Wardrobe room with laundry

"Flex area" for use as a green room, quick change, etc.; includes kitchenette, utility sink, and restroom for backstage crew

Load-in facilities (stage level is 20' above street level):

- Loading bay with access at 41st Street via 6'w x 11'h overhead rolling door; bay extends full height up to stage level and includes door at trap level
- 8,000 lb capacity freight elevator
- For oversize pieces, loading bay is equipped with one-ton capacity electric chain hoist mounted on trolley beam