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Clemens Center Powers Theater Technical Specifications

As 3.23.16

Stage Dimensions:

- Proscenium Width 48 ft, height 27 ft.
- Depth: Plaster Line to Back Wall—45 ft. 6 in.
Plaster Line to Last Line Set—44 ft. 9 in.
- Distance from edge of stage to house curtain line—4 ft. 9 in.
- Height of grid from stage floor—56 ft.
- High trim: 52' -08"
- Width of stage from SL wall to SR locking rail—84 ft. 8 in.
- Stage Center to SL wall—48 ft 8 in.
- Stage Center to SR locking rail—36 ft
- Distances from Center Stage on plaster line to:
 - First set of FOH hanging points—7 ft. 4 in.
 - Second set of FOH hanging points—23 ft. 8 in.
 - FOH Lighting Cove—75 ft.
 - Balcony Rail—60 ft.
 - Box Booms—60 ft.
 - FOH mix position—100 ft.
 - Spot Booth—100 ft.
- Loading dock to stage doors are located US left and are 9' wide x 12' high
- Stage Floor is two layers of sub-flooring on neoprene pads covered with tempered masonite, painted black

Loading Dock:

- Two-bay truck ramp loading on to 26' by 28' indoor loading dock with direct access to stage; freight/ passenger elevator to basement areas.
- Overhead coiling doors are 8' w x 10' h

Orchestra Pit Dimensions:

- Broadway configuration: 43' x 12'
- Opera Configuration: 43' x 16.5' (requires removal of seats in Rows A and B)

Rigging:

- 58 sets of counter weight lines
- Length of truss battens—56',
- Loading Bridge at 49' 4"
- Locking Rail—SR
- Fly Gallery—SR at 24' and SL at 38.5'
- FOH: 11 Pick Points
- See separate line set schedule

Draperies:

- Main Curtain 2 panels - Guillotine only
- 5 pair black legs—12' x 27'
- 5 black borders—50' x 9'
- 2 full stage blacks—50' x 27' (two panels each)
- 1 cyclorama—white—52' x 30'
- 1 Black Scrim 50' x 30'

Electrical Information:

- 2 Company Switches SL – 5 wire, 3 phase 400 amp per leg
- 1 Audio Company Switch – SL – 5 wire. 3 phase 200 amp per leg
- 1 Stage machinery Switch USR —5 wire, 3 phase 400 amp per leg
- 60 Amp shore power available
- ETC Express 48/96 control console
- Ethernet distribution network
- 384 ETC Sensor dimmers
- 3 Lycian 1290 XLT Follow Spots – 2000W

Sound System:

- Behringer X32 console - 32chan.
- Biamp AudiaFlex processing and distribution
- Left-Center-Right flow array's of
 - Renkus Heinz T12/6 Series speakers
- Renkus Heinz TRX62H Under balcony delay speakers
- 10-Crown Audio CTs-1200 Amplifiers
- Patchbay Stage left for Touring productions independent control of:
 - Left (full or Balcony only)
 - Right (full or Balcony only)
 - Center (full or Balcony only)
 - Under Balcony
 - Dressing Room
 - Hearing assist
- 8-wireless AKG WMS450 series Lavalier or Handheld mics.
- Limited inventory of traditional microphones
- 8-EV SXa100 Powered monitors
- Dressing room monitor system
- Production Intercom system distributed throughout stage and dressing room areas
- Listen Technologies "RF" ADA Hearing assist
- 200Amp 3phase transformer isolated audio power located stage left

Dressing Rooms:

- Stage Level:
 - 2 star rooms w/ lavs
 - 1 double room w/ lav
- Below Stage:
 - 1 chorus room for 6 w/ lav / shower
 - 1 chorus room for 15 w/ lav/ shower
- 2nd Floor
 - 1 chorus room for 6 w/ lav
- 3rd Floor
 - 1 chorus room for 6 w/ lav
- Each dressing room has mirrors, make-up counter, and costume rack
- 760s.f. wardrobe/ laundry room
- 47' x 45' Black Box theater, when available, for rehearsal/ warm up

Pianos:

- 1 Steinway 9' Concert Grand
- 1 Upright Selmer

Orchestra Equipment:

- 100 Chairs (more available)
- 70 music stands
- 25 stand lights
- 1 conductor's podium

Miscellaneous:

- folding tables
- Step ladders—6', 8', 12'
- 30' Genie Lift
- 2 standard washers (top load) & dryer (electric)