NEW YORK CITY CENTER

130 West 56th Street
New York, NY 10019

Phone: (212) 247-0430
Fax: (212) 246-9778

General Information
and
Technical Information
October 19, 2017
CONTENTS

General Information ----------------------------------------------- 3
Emergency Phone Numbers------------------------------------------ 4
Crew & Load In Area --------------------------------------------- 5
Carpentry -------------------------------------------------------- 6
Lighting --------------------------------------------------------- 9
Sound ----------------------------------------------------------- 12
Video------------------------------------------------------------ 15
Props------------------------------------------------------------ 16
Wardrobe---------------------------------------------------------- 17
Management-------------------------------------------------------- 18
Dressing Rooms--------------------------------------------------- 19
Stage & Orchestra Pit Drawings ---------------------------------- 25
New York City Center Technical Information

GENERAL INFORMATION

Address
New York City Center, Administrative Office
130 West 56th Street (between 6th and 7th Avenues)
New York, NY 10019

Stage entrance is on 56th Street.
Stage Loading Door is 130 W. 56th Street.
Box office and lobby entrances are on 55th Street.
(between 6th and 7th Avenues)

Phone & Fax
Administration Phone: (212) 247-0430
Administration Fax: (212) 246-9778

Hall Seating Capacity
Orchestra 608
Grand Tier 209
Mezzanine 617
Balcony 752

Orchestra Pit Seats 71
Maximum Capacity 2,257

Personnel
Mark Litvin, Managing Director
Mark Mongold, Dir. of Production mmongold@nycitycenter.org
Andrey Shenin, Dir. of Operations ashenin@nycitycenter.org
Aubrey Ball, Studio Manager aball@nycitycenter.org
Emily Hare, House Manager ehare@nycitycenter.org
John Toguville, Box Office Treasurer jtoguville@nycitycenter.org

Local One Dept. Heads
Gerry Griffin, Head Carpenter ggriffin@nycitycenter.org
Evan Vorono, Head Electrician evorono@nycitycenter.org
Jim McWilliams, Property Master jmcmwilliams@nycitycenter.org

Box Office
All ticket information (212) 581-1212 (CityTix)

Directions by Public Transportation
By subway: By bus:
N R Q W 57th Street and 7th Avenue M1, 2, 3, 4 55th Street and 5th Avenue
F 57th Street and 6th Avenue M5 59th Street and 6th Avenue
B D E 53rd Street and 7th Avenue M7 56th Street and 7th Avenue
A C 1 59th Street (Columbus Circle) M10 55th Street and Broadway
M104 57th Street and Broadway

Access for Disabled
56th street access via stage loading door to stage (see Load-In Area).
55th street access via ramp.
Emergency Numbers

Dial 911 for all Emergency Services.

New York City Center Security (24 hours) Tel: (212) 763-1200

New York City Police, Midtown North Precinct
306 West 54th Street
New York, NY 10019
(212) 767-8400

New York City Fire Department, Headquarters
9 Metrotech Center
Brooklyn, NY
(718) 999-2000

St. Luke’s – Roosevelt Hospital Center
1000 Tenth Avenue at 59th Street
New York, NY
Admitting: (212) 523-6400
Patient Information: (212) 523-3558

For area Hotel or Restaurant information please contact Director of Operations
New York City Center Technical Information

**UNION CREW**

New York City Center operates under the jurisdiction of IATSE Local One. The needs of the attraction, together with the conditions of the Local One Agreement (available upon request), will dictate total crew required. There is a mandated 8 person basic crew consisting of Head Carpenter, Assistant Carpenter, Flyman, Head Electrician, Assistant Electrician, Sound, Head Props, and Assistant Props.

Trucks are unloaded to the sidewalk by **Teamsters**, with the number of teamsters determined by truck size. Attractions must make arrangements for the Teamster call with the New York City Center Production Manager.

**LOAD-IN AREA**

The main load-in access is an inclined (no steps) 40'-0" (12.19m) indoor ramp from 56th Street to the stage. Trucks can park on 56th street and equipment can be unloaded to street level (New York City Center has one truck ramp), then to stage via the ramp. Ramp door dimensions are 5'-6" (1.68m) wide by 9'-6" (2.90m) high.

There is also a loading door on 56th Street 5'-6" (1.68m) above sidewalk level but trucks cannot back up to it as they will block the street and sidewalk. Objects can be lifted up and passed in. The loading dock door is arched and is 8'-0" (2.44m) wide by 12'-0" (3.66m) high at center.
**New York City Center Technical Information**

**CARPENTRY**

**Stage Dimensions**

<table>
<thead>
<tr>
<th>Description</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Proscenium Opening</strong></td>
<td>45'-0&quot; (13.72m) wide x 26'-6&quot; (8.08m) high</td>
</tr>
<tr>
<td><strong>Standard Opening</strong></td>
<td>Approximately 40'-0&quot; (12.19m) wide x 23'-0&quot; (7.01m) high</td>
</tr>
<tr>
<td><strong>Depth</strong></td>
<td>42'-7&quot; (12.98m) – US smoke pocket to upstage wall</td>
</tr>
<tr>
<td><strong>Grid Height</strong></td>
<td>59'-9&quot; (18.21m) (12” Flat Truss Pipes, max out trim to top chord 57’-9&quot; Max out trim to bottom chord 56’-9&quot;)</td>
</tr>
<tr>
<td><strong>Wing Space</strong></td>
<td><strong>Stage Right</strong> wing space extends 39'-0&quot; (13.72m) beyond proscenium edge. There is a 30'-0&quot; x 45'-0&quot; (9.14m x 13.72m) clear floor area with a clear ceiling height of 27'-0&quot; (8.23m). See attached stage plan for location of obstructing columns. <strong>Stage Left</strong> wing space extends 7' (2.13m) beyond proscenium edge. Fly rail is operated from the floor stage left.</td>
</tr>
<tr>
<td><strong>Stage Height</strong></td>
<td>3'-4&quot; (1.02m) above house floor at first row of Orchestra section.</td>
</tr>
<tr>
<td><strong>Crossover</strong></td>
<td>Hallway runs from USR to USL behind stage area. Onstage crossover is possible, between last line set and upstage wall approximately 3'-0&quot; (.91m) wide with minor obstructions from pipes on back wall. An under stage crossover is also available via a spiral staircase.</td>
</tr>
<tr>
<td><strong>Stage Floor</strong></td>
<td>Stage is multi-layer basket weave sprung floor. Stage and wings are covered with permanent black Harlequin Cascade dance floor. Screwing or lagging into the deck is not permitted. A plywood overlay floor is available upon request should it be necessary. Consult with NYCC Production Manager if required.</td>
</tr>
</tbody>
</table>
**Orchestra Pit Lift**

The orchestra pit is 45'-0" (13.7m) wide by 11'-7" (3.6m) deep at center. The pit floor is comprised of a motorized platform that is 43'-6" (13.26m) wide by 11'-7" (3.6m) deep at center and two fixed plugs on either side. The motorized platform can be raised or lowered between stage level and 8'-4" (2.54m) below stage level. The fixed plugs can be legged at various heights. There is space for additional musicians that extends 11'-5" (3.48m) US, under the stage with clearance. This additional space is at the same height as the platform at its lowest level. The orchestra pit floor can also be set to accommodate additional house seating. Consult Production Manager for further information.

**House Drapery**

**House Curtain**
- Wine-colored, guillotine only curtain, manually operated from stage right; center split allows paging.

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Split Black</td>
<td>(1)</td>
<td>2 piece Black Drop</td>
<td>60'x30'</td>
</tr>
<tr>
<td>Borders</td>
<td>(5)</td>
<td>Black Borders</td>
<td>50'x12'</td>
</tr>
<tr>
<td></td>
<td>(2)</td>
<td>Black Borders</td>
<td>50'x2'-6&quot;</td>
</tr>
<tr>
<td>Legs</td>
<td>(6)</td>
<td>Black Legs</td>
<td>13'x30'</td>
</tr>
<tr>
<td></td>
<td>(4)</td>
<td>Black Legs</td>
<td>13'x35'</td>
</tr>
<tr>
<td></td>
<td>(10)</td>
<td>Black Legs</td>
<td>5'x35'</td>
</tr>
<tr>
<td>Scrims</td>
<td>(1)</td>
<td>Black Scrim</td>
<td>50'x30'</td>
</tr>
<tr>
<td></td>
<td>(1)</td>
<td>Black Scrim</td>
<td>50'x30'</td>
</tr>
<tr>
<td></td>
<td>(1)</td>
<td>Blue Bobbinette Scrim</td>
<td>50'x30'</td>
</tr>
<tr>
<td></td>
<td>(1)</td>
<td>Blue Scrim</td>
<td>50'x30'</td>
</tr>
<tr>
<td></td>
<td>(1)</td>
<td>White Scrim</td>
<td>50'x30'</td>
</tr>
<tr>
<td></td>
<td>(1)</td>
<td>Off White Scrim</td>
<td>50'x30'</td>
</tr>
<tr>
<td>Full Stage Black</td>
<td>(3)</td>
<td>Full Black Drop</td>
<td>50'x30'</td>
</tr>
<tr>
<td></td>
<td>(1)</td>
<td>Fiber Optic Star Drop</td>
<td>50'x30'</td>
</tr>
</tbody>
</table>

**Other House Drapery**
- Plastic RP screen 50' w x 30' h (15.24m x 9.14m)
- White muslin bounce 50' w x 30' h (15.24m x 9.14m)

*Note: This is not seamless and not suitable for backing by itself*

Other misc. black masking goods that may be available. Please contact Production Manager.

**Show Scenery**
Scenery brought in by an attraction must be flame proofed to meet NYC Fire Department regulations. Please submit copies of current flameproof certification to the Production Manager at least 2 weeks prior to load in.
New York City Center  
*Technical Information*

### Line Set Data

**Working Heights**
- High trim 57'-9" (17.60m) to top chord of 12" flat truss pipes
- High trim 56'-9" (17.60m) to bottom chord of 12" flat truss pipes
- Deck to underside of sprinklers just below grid: 59'-0"
- Low trim 5'-4" (1.63m) to top chord of truss pipes
- Low trim 4'-4" (1.32m) to bottom chord of truss pipes

**Total Line Sets**
- 91 single purchase counterweight

**Arbor Capacity**
- 800 lbs. (362.9 kg) per arbor (20 Lead weights)

**Length of Pipes**
- 50'-0" (15.24m)

**Diameter of Pipes**
- 1.5" (3.8cm) ID (2" (5cm) OD) sched 40 steel pipes on top and bottom of 12" Flat Truss

**Pin Rail**
- Locking rail for counterweight sets located on the floor stage left. Loading bridge located on stage left gallery. Pin rail for spotted hemp sets available stage left and right on galleries.

**Available Weight**
- 9,421 lbs (4,282.3 kg) of Steel counterweight
- 9,670 lbs. (4,395.5 kg) of Lead counterweight
- Total of 19,091 lbs. (8,677.7kg)

**Line Plot**
- Available separately.  *Note: Electrics may need 2 line sets married together for counter weight capacity.*

### Shop Area

There is a small wood working shop under the stage right wing area that is accessible via freight elevator.

### Storage

Stage right wing space.

### Platforms

Various sizes available; list available upon request.

### Chain Motors

Six 1 ton CM - chain motors available for use over stage.
New York City Center Technical Information

LIGHTING

**Power**
Two 120/208V 3 phase 5-wire 400A/leg switches located downstage right; total 800A @ 120V feeding stage dimmers system and company switches

**Dimmers**
672 @ 20 amp; 24 @ 50 amp (lighting system is dimmer per circuit)

**Control**
ETC EOS control console with back up and misc. video nodes and designer tech table screens. Located in booth in the Rear Mezzanine.
ETC Net throughout building with network to DMX nodes available.

**House Lights**
Separate Paradigm system, dimmable at light board location

**Circuits**
Over stage circuiting system is a flexible arrangement of multi-cable and breakouts running primarily from stage right gallery.

Front of house (FOH) positions are wired with permanent circuits: 36@20 amp and 3@50 amp on Balcony rail; 36@20 amp and 3@50 amp on Grand Tier (low) rail; 18@20 amp and 1@50amp each in box booms left and right.

All connectors are 3-pin stage connectors.

**FOH Transfer**
84 FOH 20 amp and 8 @ 50 amp FOH circuits are accessible by transfer panel located downstage right. All connectors are 3-pin stage connector.

**FOH Positions**
Throw length/angle to head-height of a 5'-6" (1.68m) person standing at plaster line on center:
- Balcony rail (Upper Rail) center: 55' (16.76m)/29°
- Grand Tier/Mezzanine rail (Lower Rail) center: 32' (9.75m)/9°
- Box booms left and right top: 38' (11.58m)/23°
- Follow spot booth: 114' (34.75m)/34°

**FOH Instruments**
FOH instruments may be moved during load-in but must be restored at load-out.

**Balcony Rail (Upper Rail)**
- (30) ETC Source Four 19° with color extenders
- (20) ETC Source Four 10° (Barrels only)
- (24) ETC Source Four 14° (Barrels only)

**Grand Tier/Mezzanine Rail (Lower Rail)**
- (2) ETC Source Four Par WFL, L106 (curtain warmers)
- (2) ETC Source Four Par MFL, L106 (curtain warmers)

**Box Booms**
- (8) ETC Source Four 19° (4 each left and right) with color extenders
- (20) ETC Source Four 26° (10 each left and right) with color extenders
**New York City Center Technical Information**

### Stage Instruments

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>45</td>
<td>ETC Source Four 19°</td>
</tr>
<tr>
<td>115</td>
<td>ETC Source Four 26°</td>
</tr>
<tr>
<td>135</td>
<td>ETC Source Four 36°</td>
</tr>
<tr>
<td>40</td>
<td>ETC Source Four 50°</td>
</tr>
<tr>
<td>18</td>
<td>8&quot; 1500W Altman Fresnels</td>
</tr>
<tr>
<td>18</td>
<td>6.9&quot; ARRI Studio Fresnels 1000W</td>
</tr>
<tr>
<td>70</td>
<td>PAR64 1000W w/ various VNSP, NSP, MFL, WFL lamps (contact Director of Production for current lamp stock)</td>
</tr>
<tr>
<td>15</td>
<td>ETC Source Four PAR w/ VNSP, NSP, MFL, WFL lenses avail</td>
</tr>
<tr>
<td>8</td>
<td>PAR 64 MFL 500W 9 light, 3 circuit striplights 7'-2&quot; (2.18m)</td>
</tr>
<tr>
<td>10</td>
<td>R40 300W FL 15 light, 3 circuit striplights 8'-0&quot; (2.44m)</td>
</tr>
<tr>
<td>10</td>
<td>Altman FarCyc units 1000W, 3 circuit 4'-5&quot; (1.35m)</td>
</tr>
<tr>
<td>8</td>
<td>MR 16 EYC (flood) 75W 30-light, 3 circuit striplights 6'-6&quot; (1.98m)</td>
</tr>
<tr>
<td>12</td>
<td>ETC MultiPAR-12 Strips 575W 12-light, 3 or 4 circuit striplights 8'-6&quot; (2.45m) w/ VNSP, NSP, MFL, WFL lenses and flipper</td>
</tr>
<tr>
<td>4</td>
<td>ETC MultiPAR-3 Strips 575W 3-light, 3 circuit striplights 2'-4&quot; (0.71m) w/ VNSP, NSP, MFL, WFL lenses and flipper</td>
</tr>
<tr>
<td>5</td>
<td>9'-4&quot; (2.84m) T-3 500W 12-light 3 circuit Ground Row striplights</td>
</tr>
</tbody>
</table>

### Footlights

**Apron trough** can accommodate 5 MR 16 strips

### Followspots

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>3000W Xenon Lycian 1293 in Spot Booth (back of 2nd balcony)</td>
</tr>
</tbody>
</table>

### Color Frame Sizes

<table>
<thead>
<tr>
<th>Description</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETC Source Four 10°</td>
<td>12&quot; x 12&quot; (30.5 cm x 30.5 cm)</td>
</tr>
<tr>
<td>ETC Source4 14°</td>
<td>7.5&quot; x 7.5&quot; (19.05 cm x 19.05 cm)</td>
</tr>
<tr>
<td>ETC Source Four 19°-50°</td>
<td>6-1/4&quot; x 6-1/4&quot; (15.8 cm x 15.8 cm)</td>
</tr>
<tr>
<td>8&quot; Fresnel</td>
<td>10&quot; x 10&quot; (25.4 cm x 25.4 cm)</td>
</tr>
<tr>
<td>6.9&quot; ARRI Fresnel</td>
<td>9&quot; (22.9 cm) diameter circle</td>
</tr>
<tr>
<td>PAR 64</td>
<td>10&quot; x 10&quot; (25.4 cm x 25.4 cm)</td>
</tr>
<tr>
<td>PAR 64 strip</td>
<td>8 3/4&quot; x 9 1/2&quot; (22.2 cm x 24.1 cm)</td>
</tr>
<tr>
<td>R40 strip</td>
<td>5 3/4&quot; x 6 3/4&quot; (14.6 cm x 17.1 cm)</td>
</tr>
<tr>
<td>Far-Cyc</td>
<td>15 1/2&quot; x 16&quot; (39.4 cm x 40.6 cm)</td>
</tr>
<tr>
<td>Followspot</td>
<td>9&quot; (22.9 cm) diameter circle</td>
</tr>
<tr>
<td>MR16 Strip</td>
<td>3 1/4&quot; x 4 3/4&quot; (8.3 cm x 11.9 cm)</td>
</tr>
<tr>
<td>ETC MultiPAR Strip</td>
<td>7 1/2&quot; x 7 1/2&quot; (19.05 cm x 19.05 cm)</td>
</tr>
<tr>
<td>T-3 Ground Row Strip</td>
<td>8 3/4&quot; x 13&quot; (22.25 cm x 33 cm)</td>
</tr>
</tbody>
</table>

### Ladders & Lifts

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Genie-lift, reaches 40' (12.19m)</td>
</tr>
<tr>
<td>1</td>
<td>12' ladder, fiberglass</td>
</tr>
<tr>
<td>2</td>
<td>8' ladders, fiberglass</td>
</tr>
<tr>
<td>4</td>
<td>6' ladders, fiberglass</td>
</tr>
<tr>
<td>2</td>
<td>4' ladder, fiberglass</td>
</tr>
<tr>
<td>4</td>
<td>3' ladder, aluminum</td>
</tr>
</tbody>
</table>
New York City Center Technical Information

Booms
(8)  16'-0" (4.9m) boom towers. Each tower will hold ten (10) ETC Source Four units on 19"(48.3 cm) centers. An eleventh (11) unit may be mounted on top. Each tower consists of two sections. A single section may be used as an 8'-0" (2.4m) tower.

(6)  Rolling stands, adjustable from 5'-0" (1.83m) to 8'-0" (2.74m)
(4)  Rolling stands, adjustable from 3'-0" (1.10m) to 5'-0" (1.83m)
(8)  50 lb. bases (1 1/2" pipe)
(7)  25 lb. bases (1 1/2" pipe)

1-1/2" pipe, couplings, and cheseboros available for 4'-0" (1.2m) to 21'-0" (5.5m) booms, goal posts, etc.

Sidearms
(60)  12" (30.5cm) single-tee
(50)  18" (45.7cm) single-tee
(4)  24" (61.0cm) single-tee

Other Hardware
(29)  24" (61.0cm) diameter full bumpers
(2)  Half bumpers
(59)  Hanging irons for striplights
(36)  Trunions (26 for cyc and Par strips, 10 for MR 16 strips)
(20)  Barndoors for 8" Fresnels or PAR 64
(18)  Arri barndoors for Arri Fresnels
(100)  Source 4 color extenders
(31)  Half hats
(20)  10° top hats

Cable
Approximately 4000' available in various lengths

Pyrotechnics & Open Flame
Any use of pyro or open flame, cigarettes, flash paper, flash pots, etc. requires a permit from the NYC Fire Department. At least three weeks notice prior to load in is required to get the proper permit. Please consult Production Manager for more information. FDNY Fee Applies.
New York City Center Technical Information

SOUND

Mix Location  Sound Mix position located in rear center of the orchestra level seating section. The house Studer sound console is not movable, contact Director of Production if a road console position is required.

Mixing Consoles  Studer Vista 5 Digital Mixing Console (42 fader)
568 in x 472 out; analog and digital with Dante interface
TiMax Sound Hub II system matrix 48 x 48

Production Communication  Six-channel Clearcom system hard wired to all production areas.
(Dual power supplies)
(8) HME Pro 850 wireless intercom (8 wireless belt packs)
(4) Clear-com RM-440 4 channel remote stations
(6) 2 channel belt boxes RS 502
(10) Single channel belt boxes RS501
(24) Headsets (Beyer DT108 / Telex PH-88)
(4) Speaker Stations
(3) Clearcom HS-6 Handset
(1) TW-12B interface
(1) TW-40 Radio interface
(1) CC-22 8 channel RTS to Clearcom interface

FOH Speakers

Center Cluster  (12) d&b audiotechnik J12
(1) d&b audiotechnik J12 SUB
Stereo System  (6) d&b audiotechnik C7 (Main L&R Orch)
(2) d&b audiotechnik B2 (Subs L&R Orch)
(2) d&b audiotechnik B4 (Subs L&R Orch)

Delays & Under Balcony  (5) d&b audiotechnik E6 (Orch Delay)
(2) d&b audiotechnik E12 (Fill L&R Orch)
(14) d&b audiotechnik E0 (L&R Mezz)
(2) d&b audiotechnik T10
(6) d&b audiotechnik Q1 (Balcony Delay)

Front Fill  (5) d&b audiotechnik E3

Orch Fill  (2) d&b E0 & E12

Monitors  (6) d&b audiotechnik E12
(4) d&b audiotechnik E8
(2) d&b audiotechnik M6
(5) d&b audiotechnik E0
(3) d&b audiotechnik D6 amplifiers
(3) d&b audiotechnik D12 amplifiers
(6) Hotspot speakers
(8) Apogee SSM
(3) Ashley 4 ch amps
(2) Anchor AN1000X self powered speakers
New York City Center  Technical Information

Microphones

(1) AKG D112
(1) AKG 414
(2) AKG 416 clip on
(2) AKG 418 clip on
(1) AKG 535
(6) AKG 451 preamps with:
   4 with CK1 cardioid capsules
   1 with CK5 hyper cardioid capsule
   2 with CK9 long shotgun capsule
   1 with CK8 shotgun capsule
(15) AKG blue line SE300b preamps with CK91 cardioid capsule:
   5 with A91 Swivel
   10 with AKG VR 92 tubes for 300b
(1) Audix I5
(2) Audix D-1
(2) Audix D-2
(2) Audix D-4
(1) Audix D-6
(1) Heil PR-31B
(1) AT 4050
(2) AT 815B Shotguns
(1) Barcus Berry Piano Pick-up
(2) Countryman Iso-Max cardioid lavaliere
(6) Crown PCC 160
(3) Crown PZM 30 RB
(2) Crown CM700
(5) Electrovoice 408B
(6) Earthworks Flex 2-FM360, 2-FM500, 2-FM720
(4) Schoeps CMC6/MK4
(2) Telefunken M60
(2) Sennheiser 518
(2) Sennheiser K3-U preamps with:
   1 ME40 hypercardioid capsule
   2 ME80 cardioid capsule
(1) Shure SM 57
(6) Shure SM58
(6) Shure Beta SM 57
(6) Shure Beta SM 58
(4) Shure Beta SM 87A
(2) Shure Beta SM 181
(2) Shure Beta SM 98
(1) Shure Beta SM 91A
(2) Shure 58 with switch
(1) Shure 408 with switch
(7) Active DI boxes (4 type 85, 2 Hot box, 1 J48)
(1) Radial JDI stereo DI box
(2) Astatic CTM1500

Audio Interfaces

USB, TRS, RCA DI boxes
### New York City Center Technical Information

<table>
<thead>
<tr>
<th>Wireless</th>
<th>Count</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2)</td>
<td></td>
<td>Sennheiser EW 550 G3 receiver</td>
</tr>
<tr>
<td>(2)</td>
<td></td>
<td>SKM 500 me865 handheld</td>
</tr>
<tr>
<td>(2)</td>
<td></td>
<td>Sennheiser wireless handheld EW100 (for VOG Director talkback microphone)</td>
</tr>
<tr>
<td>(14)</td>
<td></td>
<td>Sennheiser sk5212 body pack transmitters with Sennheiser 3532 receivers (mke 2 lavs)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Stands</th>
<th>Count</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>(75)</td>
<td></td>
<td>MS12 Microphone stands</td>
</tr>
<tr>
<td>(35)</td>
<td></td>
<td>MS25 Microphone stands</td>
</tr>
<tr>
<td>(5)</td>
<td></td>
<td>Tripod Stands</td>
</tr>
<tr>
<td>(30)</td>
<td></td>
<td>DMS10E (banquet stands)</td>
</tr>
<tr>
<td>(6)</td>
<td></td>
<td>DMS7 (desk stands)</td>
</tr>
<tr>
<td>(75)</td>
<td></td>
<td>Boom Arms</td>
</tr>
<tr>
<td>***</td>
<td></td>
<td>Assorted Mic hardware</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Playback</th>
<th>Count</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2)</td>
<td></td>
<td>Denon CD Players C640</td>
</tr>
<tr>
<td>(2)</td>
<td></td>
<td>Denon Media Players F300</td>
</tr>
<tr>
<td>(1)</td>
<td></td>
<td>QLAB sound effects/playback system 8 CH (redundant system of two Mac Minis)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Signal Processors</th>
<th>Count</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2)</td>
<td></td>
<td>TC 4000 reverbs</td>
</tr>
<tr>
<td>(4)</td>
<td></td>
<td>Lexcion FX engines internal (to Studer)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wiring</th>
<th>Count</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>XLR Patch panel</td>
<td></td>
<td>in amp room cross connects to all audio circuits</td>
</tr>
<tr>
<td>(650)</td>
<td></td>
<td>Balanced XLR lines from stage &amp; FOH positions</td>
</tr>
<tr>
<td></td>
<td></td>
<td>W2 56 pair from FOH mix position &amp; SR to patch room</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Analog, AES, XLR, MIDI, CAT6 lines from FOH to patch room</td>
</tr>
<tr>
<td></td>
<td>(48)</td>
<td>UTP CAT5 4pr lines</td>
</tr>
</tbody>
</table>

| Cable             |       | XLR, Speakon, AC (consult Production Manager with your specific needs)      |

| XLR Multi         |       | 6, 12, & 19 pair (Wireworks AMP G block), W2 56 pair                        |

| Power             |       | Company switch (sound) and house sound system powered by 400 Amps            |
|                   |       | 3 phase 5 wire with isolated ground and in-line isolation transformer        |
|                   |       | Company switches                                                            |
|                   |       | stage right 100amp 3 phase camlock                                           |
|                   |       | under stage 100amp 3 phase camlock                                           |

<table>
<thead>
<tr>
<th>Hearing Assist System</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4 Channel FM (RF) listening system</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Paging System</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Page system and show program to all backstage areas and dressing room tower.</td>
<td></td>
</tr>
</tbody>
</table>
VIDEO

Lobby system for stage program and Digital HD content. This is an MATV/Digital sign player system of 8 HDTV monitors in the lobby spaces to display the stage picture for latecomer audience members. These monitors are also available to display other recorded content before and after shows and during intermissions.

A lobby “video art wall” is available to display content. An extra fee for the digital installation potentially applies, please contact Production Manager.

Video/Audio archive available, fee applies, please consult Production Manager.

<table>
<thead>
<tr>
<th>Cameras</th>
<th>Monitors</th>
<th>Video Feeds</th>
<th>Playback/Record</th>
<th>Cables to Sidewalk</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>(2)</td>
<td>(80)</td>
<td>(1)</td>
<td>(13)</td>
</tr>
<tr>
<td>Stage picture Sony model BRC-2700 (HD3CMOS Stage View)</td>
<td>20” LCD hung on Mezz rail for conductor picture for actors</td>
<td>Video lines to and from orchestra and mezzanine lobbies, stage positions, orchestra pit, sound booth, lighting booth, follow spot booth, mezzanine and balcony rails, and trap in 56th Street sidewalk for truck hookup.</td>
<td>Panasonic DMR-E100H DVD video recorder</td>
<td>TRIAX to under stage</td>
</tr>
<tr>
<td>(1) IR Stage Picture</td>
<td>(2) 15” Sony ViewSonic (MATV) at Stage Manager’s desk</td>
<td></td>
<td>(1) Panasonic DVD-S53 DVD/CD multi format player</td>
<td>(3) DT12 12 pair audio mults to audio patch room</td>
</tr>
<tr>
<td>(1) Sony B&amp; W #SSCM183</td>
<td>(1) 22” Sony HD LCD (MATV) at Stage Manager’s desk</td>
<td></td>
<td></td>
<td>(20) BNC HDSDI video lines to under stage</td>
</tr>
<tr>
<td>(1) Elmo PTZ Camera</td>
<td>(1) 8” Sony Color CRT for conductor picture at Stage Manager’s desk</td>
<td></td>
<td></td>
<td>(8) CAT6 data lines to audio patch room</td>
</tr>
<tr>
<td></td>
<td>(1) 17” LCD (for lighting cue sheet) at Stage Manager’s desk</td>
<td></td>
<td></td>
<td>(1) 25 pair Telco line to telephone room</td>
</tr>
<tr>
<td></td>
<td>(1) 42” Sony HD Projection TV (MATV) in Green Room</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(1) 9” Panasonic B&amp;W CRT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(1) 9” Sony Color CRT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(2) 13” Sony Color CRT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(1) 27” Sony Color CRT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(MATV monitors can receive Stage SD [Standard Definition], Stage HD, Stage IR, Conductor, Truck Feed)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Dark fiber is available in an adjacent building through Verizon. There are eight HDSDI video lines and two 12-pair AES audio XLR multis run from the understage area to the Verizon room. Contact Director of Production for more information.
**New York City Center Technical Information**

**PROPS**

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ballet Barres</td>
<td>(3)</td>
<td>ballet barres 10'-0&quot; long</td>
</tr>
<tr>
<td>Harlequin Cascade (Blk)</td>
<td>(6)</td>
<td>panels 6'-7&quot; (2m) x 42'-0&quot; this can be used in addition to the permanent Harlequin Cascade</td>
</tr>
<tr>
<td>Chairs</td>
<td>(8)</td>
<td>Tall Stools (30&quot;)</td>
</tr>
<tr>
<td></td>
<td>(8)</td>
<td>Medium Stools (24&quot;)</td>
</tr>
<tr>
<td></td>
<td>(8)</td>
<td>Short Stools (18&quot;)</td>
</tr>
<tr>
<td></td>
<td>(30)</td>
<td>Folding chairs available</td>
</tr>
<tr>
<td></td>
<td>(90)</td>
<td>Black Fabric Upholstered chairs</td>
</tr>
<tr>
<td>Folding Tables</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(1)</td>
<td>8'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>(10)</td>
<td>6'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>(4)</td>
<td>5'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>(4)</td>
<td>4'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>Stands</td>
<td>(50)</td>
<td>music stands</td>
</tr>
<tr>
<td>Stand lights</td>
<td>(80)</td>
<td>stand lights; dimmers available</td>
</tr>
<tr>
<td>Podium</td>
<td>(1)</td>
<td>conductor’s podium and stand, adjustable and lit</td>
</tr>
<tr>
<td>Platforms</td>
<td></td>
<td>Assorted small platforms</td>
</tr>
<tr>
<td>Lecterns</td>
<td>(2)</td>
<td>Dark Cherry Wood lecterns, non-adjustable</td>
</tr>
<tr>
<td>Pianos</td>
<td>(1)</td>
<td>Yamaha U5PE Upright Piano</td>
</tr>
<tr>
<td></td>
<td>(1)</td>
<td>Yamaha 7ft CF6 Grand Piano</td>
</tr>
</tbody>
</table>
WARDROBE

Wardrobe Area
Separate wardrobe room located on the second floor
(2) Irons
(2) Ironing boards
(2) Steamers
(1) Sewing Machine
(4) Washers and dryers and 1 large sink located in the laundry room on the second floor across from the wardrobe room
(20) 6' (1.83m) high x 7' (2.13m) long rolling racks

Quick Change Booths
Quick change booths set up as needed stage left and stage right
(Limited space available stage left, check plan drawing)
New York City Center Technical Information

MANAGEMENT

Production Room Various dressing rooms, the Green Room, the Wardrobe area, and other possible production office spaces are equipped with phone jacks and network lines. Please consult New York City Center Production Manager if you wish to utilize any phone lines.

Green Room Green Room is located on the third floor of the dressing room tower.

Stage Manager's Desk Located downstage right with four video monitors (displaying stage, conductor, IR stage, and light board display), intercom system, paging microphone, and cue light switches. House curtain is also operated from downstage right.

Rehearsal Rooms Rehearsal studios are available but must be scheduled in advance with the Studio Manager.

Restrooms Restrooms and showers available on every level of the dressing room tower. There is one handicap accessible unisex restroom located in the crossover hallway backstage.
DRESSING ROOMS

Dressing Rooms are located on floors 2 through 6 of the backstage tower, off stage left.

Floors 2 through 5 each have 3 small star dressing rooms which hold 2 to 4 people each. Large chorus dressing rooms are on the 2nd floor and the 6th floor. Total dressing room space available for approximately 80 people.

Access to dressing rooms is available by both stairs and an elevator.

There is additional dressing space and lockers for 45 musicians in a room under the stage accessible to the Orchestra Pit, called the Robing Room. See mini-ground plans at the end of this document.
### Dressing Rooms on Second Floor:

<table>
<thead>
<tr>
<th>Room #</th>
<th>Max # People</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Chorus Rm</td>
<td>29</td>
</tr>
</tbody>
</table>
Dressing Rooms on Third Floor:

<table>
<thead>
<tr>
<th>Room #</th>
<th>Max # People</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>6</td>
<td>2</td>
</tr>
</tbody>
</table>
Dressing Rooms on Fourth Floor:

<table>
<thead>
<tr>
<th>Room #</th>
<th>Max # People</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>4</td>
</tr>
<tr>
<td>8</td>
<td>4</td>
</tr>
<tr>
<td>9</td>
<td>2</td>
</tr>
</tbody>
</table>
New York City Center Technical Information

Dressing Rooms on Fifth Floor:

<table>
<thead>
<tr>
<th>Room #</th>
<th>Max # People</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>4</td>
</tr>
<tr>
<td>11</td>
<td>4</td>
</tr>
<tr>
<td>12</td>
<td>2</td>
</tr>
</tbody>
</table>
New York City Center Technical Information

Dressing Rooms on Sixth Floor:

<table>
<thead>
<tr>
<th>Room #</th>
<th>Max # People</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chorus</td>
<td>15</td>
</tr>
</tbody>
</table>
Partial obstruction: Air handling and Water Piping

HVAC Duct Under most orchestra extreme

Area for Fly Gallery 27'-0" Clear Under Pullers

"Hard Cannot Fire Curtain, placement Be Obstructed can adjusted

7m 7m 7m

Most Partially 22'

Obstructed: lineset Footlight 20'

and sightline closest 18'

14' Pipes 12'

10' 8'

6' 4'

2' 1m

sightline after closest orchestra view

pit stage stage

1m 4'

6'

8'

10'

12'

14'

16'

20'

22'

24'

26'

28'

30'

32'

34'

36'

38'

40'

42'

44'

46'

48'

50'

52'

54'

56'

58'

60'

62'

64'

66'

68'

70'

72'

74'

76'

78'

80'

82'

84'

86'

88'

90'

92'

94'

96'

98'

100'

DISTANCE

4'-4 4'-8 5'-4 6'-2

2'-10" 3'-2 3'-8 4'-3

4'-4 4'-8 5'-4

6'-0 6'-8 7'-0 7'-5

8'-2 8'-6 9'-2 9'-5

9'-2 9'-5 10'-2 10'-5

11'-2 11'-7 12'-0 12'-5

13'-5 13'-11 14'-4 14'-7

15'-1 15'-6 16'-0 16'-5

17'-3 17'-8 18'-1 18'-5

19'-3 19'-8 20'-2 20'-6

21'-4 21'-9 22'-2 22'-6

23'-0 23'-5 24'-3 24'-7

25'-1 25'-6 26'-4 26'-8

27'-7 28'-0 28'-5 28'-6

29'-0 29'-1 30'-4 30'-5

31'-0 31'-1 32'-4 32'-10

33'-3 34'-2 34'-9 35'-3

36'-0 36'-3 37'-3 37'-9

38'-3 39'-3 40'-0 40'-3

41'-0 41'-3 42'-8 42'-11

43'-0 43'-3 44'-0 44'-3

45'-0 45'-3 46'-0 46'-3

47'-0 47'-3 48'-0 48'-3

49'-0 49'-3 50'-0 50'-3

51'-0 51'-3 52'-0 52'-3

53'-0 53'-3 54'-0 54'-3

55'-0 55'-3 56'-0 56'-3

57'-0 57'-3 58'-0 58'-3

59'-0 59'-3 60'-0 60'-3

61'-0 61'-3 62'-0 62'-3

63'-0 63'-3 64'-0 64'-3

65'-0 65'-3 66'-0 66'-3

67'-0 67'-3 68'-0 68'-3

69'-0 69'-3 70'-0 70'-3

71'-0 71'-3 72'-0 72'-3

73'-0 73'-3 74'-0 74'-3

75'-0 75'-3 76'-0 76'-3

77'-0 77'-3 78'-0 78'-3

79'-0 79'-3 80'-0 80'-3

81'-0 81'-3 82'-0 82'-3

83'-0 83'-3 84'-0 84'-3

85'-0 85'-3 86'-0 86'-3

87'-0 87'-3 88'-0 88'-3

89'-0 89'-3 90'-0 90'-3

91'-0 91'-3 92'-0 92'-3

93'-0 93'-3 94'-0 94'-3

95'-0 95'-3 96'-0 96'-3

97'-0 97'-3 98'-0 98'-3

99'-0 99'-3 100'-0 100'-3

1/2" = 1'-0"

Z. Spitzer, Director of Production & Tech. Services

Arlene Litvin, Managing Director
Piano Garage

Beam penetrates -68.5"
Beam penetrates -85"
Beam penetrating -82.5" slab
Pit at -70" or higher to cover Beam penetrating -82.5" slab

Understage Orchestra Pit, adjustable from +0" to -99.5"
Understage Orchestra Pit -99.5"

130 West 56th Street (Stage Entrance)
131 West 56th Street (Theater Entrance)
New York, NY 10019

Arlene Shuler, President and CEO
Mark Litvin, Managing Director

Zachary Spitzer, Assoc Production Manager
zmongold@nycitycenter.org
zspitzer@nycitycenter.org

ORCHESTRA PIT PLAN
3/16" = 1'-0" (1:72 scale) Revised as of 18 October, 2017