**House Specifications**

**Mailing & Venue Address:**
University Productions  
911 N. University Ave.  
Ann Arbor, MI 48109-1265

**Seating Capacity:**
Orchestra: 386 + 6WC + 8C  
Balcony: 220  
Total capacity: 620  
WC=Wheelchair, C=Companion

**Load-in Access**

**Address:**
Fletcher Street between N. University and Washington Streets. (Google address for stage door is 234 Fletcher St.)

**Loading Doors:**
Garage Door: 9'-8" x 5'
Note: the loading door leads into the trap room where all scenery must be lifted to stage level via a center stage elevator. After the set is onstage, the elevator is inoperable because the lift platform is part of the stage floor.

**Elevator Trap info:**
Trap dimensions: 7'-10" x 9'-2 1/4"
Loading platform to stage: 15'-3"
Basement floor to stage: 20'

**Conference Equipment**
Two (2) 30” x 6’ conference tables  
Some pleated, blue, table skirting is available  
One (1) Walnut lectern with adjustable height and clock  
One (1) 9’ x 12’ Fastfold screen with front and rear sheets

**Stage Specifications**
Proscenium arch width: 29'-11”  
Proscenium arch height: 16'-10"  
Depth of stage (from plaster line): 24’  
Depth of apron (from plaster line): 5’  
Dimensions of orchestra pit: 4’3”x6’1” x 24’w  
Stage floor: Masonite, painted black

**Rigging:**
Number of line sets: 29  
Height of grid from stage floor: 37’-3”  
(stage floor to top of grid.)

**Highest batten can be flown:** 35’-5-1/2”  
**Electrics:** 33’  
**Travelers & Leg pipes:** 34’  
**Lowest batten can be flown:** 5’  
**Electrics:** 3’-10”

**Distance from back wall to last set:** 4’-6” at center line

**House Line Plot:**

<table>
<thead>
<tr>
<th>Line set #</th>
<th>Distance From Plaster</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0’-6”</td>
</tr>
<tr>
<td>2</td>
<td>1’-0”</td>
</tr>
<tr>
<td>3</td>
<td>2’-0”</td>
</tr>
<tr>
<td>4</td>
<td>3’-0”</td>
</tr>
<tr>
<td>5</td>
<td>4’-0”</td>
</tr>
<tr>
<td>6</td>
<td>4’-6”</td>
</tr>
<tr>
<td>7</td>
<td>5’-0”</td>
</tr>
<tr>
<td>8</td>
<td>5’-6”</td>
</tr>
<tr>
<td>9</td>
<td>6’-0”</td>
</tr>
<tr>
<td>10</td>
<td>6’-6”</td>
</tr>
<tr>
<td>11</td>
<td>7’-0”</td>
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<tr>
<td>12</td>
<td>7’-6”</td>
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<tr>
<td>13</td>
<td>8’-6”</td>
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<tr>
<td>14</td>
<td>9’-6”</td>
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<tr>
<td>15</td>
<td>10’-6”</td>
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<tr>
<td>16</td>
<td>11’-6”</td>
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<tr>
<td>17</td>
<td>12’-0”</td>
</tr>
<tr>
<td>18</td>
<td>12’-6”</td>
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<tr>
<td>19</td>
<td>13’-0”</td>
</tr>
<tr>
<td>20</td>
<td>13’-6”</td>
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<tr>
<td>21</td>
<td>14’-6”</td>
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<tr>
<td>22</td>
<td>15’-6”</td>
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<tr>
<td>23</td>
<td>16’-0”</td>
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<tr>
<td>24</td>
<td>16’-6”</td>
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<tr>
<td>25</td>
<td>17’-0”</td>
</tr>
<tr>
<td>26</td>
<td>17’-6”</td>
</tr>
<tr>
<td>27</td>
<td>18’-0”</td>
</tr>
<tr>
<td>28</td>
<td>19’-4”</td>
</tr>
<tr>
<td>29</td>
<td>19’6”-25’-9”</td>
</tr>
</tbody>
</table>

**Arbor Information**
(T’Track located SL 2’ from proscenium)
Full weight: 19 lbs., 1 1/2” tall  
1/2 weight: 12 1/2 lbs., 1” tall  
Arbor capacity: 500 lbs/226kg
Note: no weight loading gallery - loading must be at stage level.

Length of batten: 36’
**Soft Goods:**
Front Curtain - manual, guillotine with split in the center, no traveler

House Drapery Hang: (all draperies are black velour)
- One (1) Teaser 40’w x 7’h (line set #2)
- Two (2) pair legs 8’w x 22’h (line sets #6 and #20)
- Two (2) travelers 16’w x 22’h (line sets #13 and #27)
- Two (2) borders 40’w x 7’h (line sets #12, #19 and #26)

Sidetabs - Two (2) dead hung traveler tracks, SL & SR, running US/DS at 18’ from center w/two (2) pieces each 27’w x 22’h

Additional drapery:
- Four (4) legs: 8’w x 17’h
- Two (2) borders: 7’h x 40’w
- Four (4) travelers: 19’w x 17’h
- One (1) scrim, black sharkstooth: 28’w x 16’h
- One (1) scrim, black sharkstooth: 30’w x 16’h
- One (1) scrim, white sharkstooth: 30’w x 16’h
- One (1) scrim, black sharkstooth: 39’w x 24’h
- One (1) painted drop: 30’w x 16’h (mimics design of proscenium arch)

**Lighting System**

**Location of company switch:**
DSR wall — 200 amps 3 phase, 4 wire.

**Lighting Control:**
- One (1) ETC Ion w/ 2x20 fader wing
- One (1) ETC radio focus remote
- One (1) ETC remote video interface w/2 color monitors

**Dimmers:**
- One hundred ninety (190) ETC 2.4 KW (one dimmer per circuit)
- One (1) House Light Dimmer 6 KW

**Standard House Light Hang:**

**Front of House:**
Follow Spot Booth Two (2) Source Four 10° on City Theatrical follow spot yokes (located at rear of balcony with a headset outlet)

<table>
<thead>
<tr>
<th>Set</th>
<th>Drapery</th>
<th>Lighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box boom #1 SL &amp; SR</td>
<td>Three (3) ETC Source Four 26°</td>
<td>Eight (8) ETC Source Four 36°</td>
</tr>
<tr>
<td></td>
<td>Three (3) ETC Source Four 36°</td>
<td>Eight (8) Source Four Par</td>
</tr>
<tr>
<td></td>
<td>Three (3) ETC LED Lustr 2 26°</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Three (3) ETC LED Lustr 2 36°</td>
<td></td>
</tr>
<tr>
<td>Box boom #2 SL &amp; SR</td>
<td>Three (3) ETC Source Four 19°</td>
<td>Eight (8) ETC Source Four Par</td>
</tr>
<tr>
<td></td>
<td>Three (3) ETC Source Four 26°</td>
<td>Eight (8) ETC Source Four 36°</td>
</tr>
<tr>
<td></td>
<td>Three (3) ETC LED Lustr 2 19°</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Three (3) ETC LED Lustr 2 26°</td>
<td></td>
</tr>
<tr>
<td>Beam 1</td>
<td>Fourteen (14) Source Four 19°</td>
<td>Eight (8) ETC Source Four 36°</td>
</tr>
<tr>
<td>Beam 2</td>
<td>Eight (8) Source Four 14°</td>
<td>Eight (8) Source Four Par</td>
</tr>
</tbody>
</table>

**Stage Pipes:**

<table>
<thead>
<tr>
<th>Electric</th>
<th>Drapery</th>
<th>Lighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>Eight (8) ETC Source Four 36°</td>
<td>Eight (8) ETC Source Four 36°</td>
</tr>
<tr>
<td></td>
<td>Eight (8) Source Four Par</td>
<td>Eight (8) ETC Source Four 36°</td>
</tr>
<tr>
<td>2nd</td>
<td>Four (4) 6’ RGB LED Striplights</td>
<td>Eight (8) ETC Source Four 36°</td>
</tr>
<tr>
<td>3rd</td>
<td>Six (6) ETC Source Four 36°</td>
<td>Eight (8) ETC Source Four 36°</td>
</tr>
<tr>
<td></td>
<td>Eight (8) Source Four Par</td>
<td>Eight (8) ETC Source Four 36°</td>
</tr>
<tr>
<td>4th</td>
<td>Four (4) 6’ RGB LED Striplights</td>
<td>Eight (8) ETC Source Four 36°</td>
</tr>
<tr>
<td>5th</td>
<td>Six (6) ETC Source Four 36°</td>
<td>Eight (8) ETC Source Four 36°</td>
</tr>
<tr>
<td>6th</td>
<td>Six (6) ETC Source Four 36°</td>
<td>Eight (8) ETC Source Four 36°</td>
</tr>
<tr>
<td>7th</td>
<td>Six (6) ETC Source Four 36°</td>
<td>Eight (8) ETC Source Four 36°</td>
</tr>
<tr>
<td></td>
<td>Six (6) ETC Source Four 36°</td>
<td>Eight (8) ETC Source Four 36°</td>
</tr>
</tbody>
</table>

**Entire Lighting Inventory:** (includes standard house hang)

<table>
<thead>
<tr>
<th>Drapery</th>
<th>Lighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two (2) ETC Source Four 10°</td>
<td>Eight (8) ETC Source Four 14°</td>
</tr>
<tr>
<td>Eight (8) ETC Source Four 14°</td>
<td>Eight (8) ETC Source Four 14°</td>
</tr>
<tr>
<td>Forty (40) ETC Source Four 19°</td>
<td>Eight (8) ETC Source Four 19°</td>
</tr>
<tr>
<td>Fifty-one (51) ETC Source Four 26°</td>
<td>Eight (8) ETC Source Four 26°</td>
</tr>
<tr>
<td>Fifty-eight (58) ETC Source Four 36°</td>
<td>Eight (8) ETC Source Four 36°</td>
</tr>
<tr>
<td>Seven (7) ETC Source Four 50°</td>
<td>Eight (8) ETC Source Four 50°</td>
</tr>
<tr>
<td>Six (6) Lustr 2 19”</td>
<td>Eight (8) ETC Source Four 50°</td>
</tr>
<tr>
<td>Twelve (12) Luster 2 26”</td>
<td>Eight (8) ETC Source Four 50°</td>
</tr>
<tr>
<td>Six (6) Lustr 2 36”</td>
<td>Eight (8) ETC Source Four 36°</td>
</tr>
<tr>
<td>Twelve (12) 6” Kliegl Fresnels</td>
<td>Eight (8) ETC Source Four 36°</td>
</tr>
<tr>
<td>Thirty-two (32) ETC Source Four pars</td>
<td>Eight (8) ETC Source Four 36°</td>
</tr>
<tr>
<td>Fourteen (14) Color Blaze 72 LED Striplight units</td>
<td>Eight (8) ETC Source Four 36°</td>
</tr>
<tr>
<td>Six (6) Color Blaze TR4-RGBA 72 LED Striplight units</td>
<td>Eight (8) ETC Source Four 36°</td>
</tr>
<tr>
<td>Two (2) ETC Source Four 15°-30° Zoom</td>
<td>Eight (8) ETC Source Four 36°</td>
</tr>
<tr>
<td>Two (2) ETC Source Four 25°-50° Zoom</td>
<td>Eight (8) ETC Source Four 36°</td>
</tr>
</tbody>
</table>

Note: 6 LED worklights will typically provide work light overstage.

Lydia Mendelssohn — Tech Specs page 2/4
Updated: 2/13/2017
Lighting Fixture Color Coding:

- Orange: 10°
- Blue: 19°
- Red: 26°
- Yellow: 36°
- Purple: 50°

Lighting Cable:
- Forty-two (42) 5’ stage cable
- Forty-seven (47) 10’ stage cable
- Forty-nine (49) 25’ stage cable
- Eighteen (18) 50’ stage cable
- Six (6) 75’ stage cable
- Two (2) 6 channel multi 50’ (socopex)
- Two (2) 6 channel male breakouts
- Two (2) 6 channel female breakouts
- Seventeen (17) 3-fers

Accessories:
- Two (2) Zytex heat stop panels 18” x 20’
- Fourteen (14) 14” lens tubes
- Four (4) 19” lens tubes
- Thirteen (13) 26” lens tubes
- Eight (8) 36” lens tubes
- Ten (10) 50” lens tubes
- Six (6) 18” Scenery Bumpers
- Sixty (60) 6-1/4” Tophats
- Thirty (30) 6-1/4” Halfhats
- Eight (8) ETC Source Four drop-in iris units
- Thirty-six (36) side arms 18” - 24”
- Two (2) light ladders, 3 tier
- Five (5) 35 lbs boom bases 1-1/2” pipe
- Four (4) 50 lbs boom base 1-1/2” pipe

House Sound System

Console
- Three (3) Rane ME15 equalizer
- One (1) Mackie cr-1604-vlz mixer
  - 16 channel inputs / 6 output, sn #a104435
- One (1) audio snake 100’ long, 8 x 4 channels
- Three (3) QSC 1200 amplifiers

Playback Devices
- One (1) Marantz cd/cassette PMD 350
- One (1) Technics DA-10 dat tape deck
- Two (2) Denon CD player DN-c615
- One (1) Tascam minidisc player MD301 MKII

Speakers
- Four (4) AR-2a speakers
- Six (6) EV S40B speakers
- Four (4) Accoustek custom rebuilt
- Four (4) Klepsch type HIP, two (2) as backstage monitors

Microphones and Accessories
- One (1) Audio-Technica 803A lapel microphone
- One (1) Electro-Voice 647CL lavalier
- Four (4) Electro-Voice 635A lo-z microphone
- Two (2) Shure SC-4 wireless system, FM lapel or handheld
- Two (2) straight microphone stands
- Six (6) boom stands
- Six (6) Shure SM58 microphones (two w/switch)

Speaker outlets

<table>
<thead>
<tr>
<th>Speaker Outlet</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 2</td>
<td>Proscenium Wall SL</td>
</tr>
<tr>
<td>3 - 4</td>
<td>Proscenium Wall SR</td>
</tr>
<tr>
<td>5</td>
<td>Green Room</td>
</tr>
<tr>
<td>6 - 7</td>
<td>Balcony Face</td>
</tr>
<tr>
<td>8 - 9</td>
<td>Projection Booth</td>
</tr>
<tr>
<td>10 &amp; 12</td>
<td>Upstage Left</td>
</tr>
<tr>
<td>11</td>
<td>Upstage Right</td>
</tr>
<tr>
<td>13 - 14</td>
<td>Trap Room</td>
</tr>
<tr>
<td>15 - 16</td>
<td>Makeup Room</td>
</tr>
<tr>
<td>17 - 18</td>
<td>Orchestra Pit</td>
</tr>
</tbody>
</table>

Communication System

Headset System
- Twelve (12) Beyer DT-108 single muff headsets
- Three (3) Clear-Com CC-75 single muff headsets
- Two (2) Clear-Com KB-112 squawk boxes
- One (1) Clear-Com MR-102
- Two (2) Clear-Com PS-452
- Eleven (11) Clear-Com RS-501 single belt pack
- Two (2) Clear-Com RS-502 double belt pack
- Two (2) Telex wireless double belt pack

Intercom
- One (1) dressing room monitor system w/ dressing room page

Video
- Two (2) cameras - One (1) fixed on balcony rail, One (1) mobile
- Six (6) monitors
  - One (1) located in the lobby, color
  - One (1) located in the green room, color
  - Two (2) located at the stage manager’s station SR,
    (one color, one black and white)
  - Two (2) mobile - one color on cart, one black and white
**INFORMATION SYSTEMS**
Wired - Ethernet 1000 Base-T, located in box office, House Tech booth and various locations throughout the building. Advance arrangements required for access.

Wireless - U-M Wireless on-stage and in the auditorium and main lobby please refer to http://www.itdcom.itd.mich.edu/wireless/ for information regarding access and settings.

**REMOVABLE SEATING**
All of Row A
Rows C & D, seats 1-5 & 18-22
Rows S & T, seats 1-5, for sound mix position

**DRESSING ROOMS**
There are laundry facilities available in the trap room.

Half Flight Below Stage Level:
Green Room - located off stage right with access from backstage right, auditorium, and lobby.

One Flight Below Stage Level:
Two (2) Dressing Rooms (one stage right, one stage left) - Partitioned into 4 areas with doors on each area 3 areas are singles, 1 area is for 4 actors. Each area has a basin w/hot and cold water, mirror w/abundant light. A toilet is also located in each dressing room.

Two Flights Below Stage Level:
Stage Left Ensemble Room - seating and mirrors for 13 performers, a shower, 3 basins, toilet, and water fountain.
Stage Right Ensemble Room - seating and mirrors for 13 performers, a shower, 3 basins, toilet, and water fountain.

Two and a Half Flights Below Stage Level:
Wardrobe/Wig Room - located under the stage, half-flight below the trap room.

**MISCELLANEOUS EQUIPMENT**
One (1) full-sized refrigerator - located in trap room

Tables:
Two (2) 30” x 4’ prop tables
Three (3) 30” x 5’ prop tables
Two (2) 30” x 6’ prop tables
One (1) 30” x 8’ prop tables

Ladders:
One (1) 20’ A-frame ladder
One (1) 16’ stepladder, aluminum
One (1) 12’ stepladder, fiberglass
One (1) 8’ stepladder, fiberglass
One (1) 6’ stepladder, fiberglass
One (1) 5’ stepladder, wood

Orchestra Pit:
One (1) Boston upright piano (rollable, located in green room)
Twenty-Six (26) music stands
Twenty-Six (26) Chairs
Twenty-Six (26) music stand lights
One (1) electrical snake for music stand lights
Lydia Mendelssohn Theatre
Circuit Chart

ETC dimmer/circ 1-190 @2.4 kw
HouseLights dimmer 191 @ 6kw

#2 Box Boom
SL
38
39
40
41
42

#1 Box Boom
SL
20
21
22
23
24
25

#2 Box Boom
SR
32
33
34
35
36
37

 Trap Room
under stage

Apron line

Projection Booth

3rd Electric
2nd Electric
1st Electric

154
153
152

SR Pocket #2

81
82
83

US Floor Pocket #2

154
153
152

SR Pocket #1

79 78 77 76 75 74 73 72 71 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54

2nd Electric

84
85
86

* equals repeating circuit

not to scale

1st Cove

51* 52* 53*
185 186 187

1st Electric

109* 108* 107*
106* 105* 104*
103 102 101 100 99 98 97 96 95 94 93 92 91 90 89 88 87 86

RGB Strip default: 2nd elec, 400 thru 411; 3rd elec, 412 thru 423;
RGBA cyc strips, 424 thru 447

SR Procenium Pocket

SR Pocket #3

* equals repeating circuit

7th Electric

SL Pocket #3

6th Electric

SL Pocket #2

5th Electric

SL Pocket #1

4th Electric

SR Loft

190*
19
18
17
16

SR Pocket #1

79 78 77 76 75 74 73 72 71 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54

3rd Electric

2nd Electric

1st Electric

SL Procenium Pocket

1st Cove

2nd Cove

Balcony Rail

44* 45* 46*

#2 Box Boom
SR

48
49
50

#1 Box Boom
SL

12
11
10

Orchestra Pit

51* 52* 53*
185 186 187

HouseLights are dimmer 191

Works on non-dim circuits 72, 98, 132
For box boom LED fixtures, park dimmers 20, 26, 32, 38 at full for power
For strips, park dimmers 81, 82, 105, 106, 137, 141, 145 at full for power
RGB Strip default: 2nd elec, 400 thru 411; 3rd elec, 412 thru 423;
RGBA cyc strips, 424 thru 447