Technical Specifications
Emens Auditorium, Ball State University, Muncie IN

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LOADING DOCK
The loading dock is approximately 48 inches above ground level and is stage level with two dock levelers. Stage entrance door is 10’ x 10’. The loading dock area can accommodate two trucks at the dock and parking for three buses near the stage entrance. Shore Power for 2 buses located on the wall running perpendicular to the dock

STAGE
Proscenium: 85’ wide x 30’ high
Stage depth: Proscenium wall to back wall = 40’
Apron to back wall: 60’
Wing space: Stage right = 30’ Stage left = 30’
Overall width of stage: 145’
Size of apron: 4’ deep x 85’ wide’
Size of orchestra pit: 14.5’ depth in center & 9.5’ depth at ends x 60’ width height is adjusted by hydraulics
Height from floor to grid: 76’
Distance from proscenium to F.O.H. light positions: 75’
Distance from proscenium to spot light booths: 160’
Distance from proscenium to balcony overhang: 101’
Distance from B.O.H. to orchestra pit lip: 113’
Distance from upstage pit to Act Curtain: 7’ 1”

PROPERTIES
65 - Music stands (Manhasset)
70 - Music stand lights
80 - Musician chairs
Conductor’s podium
Orchestra pit carpet
2 – 6”x4’ x 4’ riser platform
5 – 6”x 4’ x 6’ riser platform
6 - 6” x 4’ x 8’ riser platforms
8 - 12” x 4’ x 6’ riser platforms
10 - 18” x 4’ x 6’ riser platforms
10 - 24” x 4’ x 6’ riser platforms
19 - 30” x 4’ x 6’ riser platforms
2 - 24” x 4’ x 8’ riser platforms
1 - Steinway & Son’s concert grand piano
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LOCKING RAIL
Counterweight system located stage right
Mid rail located stage right with cable pick pin rail
54 lines on 8” centers
15’ Arbors
92’ Battens
Maximum load per batten = 1500 lbs. (Line plot attached)

SOFT GOODS:

<table>
<thead>
<tr>
<th>LEGS (TRAVELER)</th>
<th>BORDERS</th>
<th>FULL B.O. CURTAINS</th>
</tr>
</thead>
<tbody>
<tr>
<td># of pairs: 4</td>
<td>3 @ 15 x 92</td>
<td>Quantity: 1</td>
</tr>
<tr>
<td>Size: 35 x 40</td>
<td>1 @ 15 x 60</td>
<td>Size: 35 x 65</td>
</tr>
<tr>
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<td>Color: Black</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FULL TRAV. CURTAINS</th>
<th>SCRIM</th>
<th>CYC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity: 2</td>
<td>Quantity: 1</td>
<td>Quantity: 1</td>
</tr>
<tr>
<td>Size: 35 x 80</td>
<td>Size: 30 x 40</td>
<td>Size: 40 x 85</td>
</tr>
<tr>
<td>Color: Black</td>
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<td>Color: White</td>
</tr>
</tbody>
</table>

DRESSING ROOMS
Two chorus rooms located below stage can accommodate 20 each.
Three star dressing rooms are at stage level (2 stage left and 1 stage right).
Rooms are equipped with make-up tables, mirrors, lights, chairs, showers, toilets and sinks.
NOTE: Star dressing room stage right does not have shower and is often used as visiting technical office.
Laundry room located below stage near dressing rooms w/2 washers, 2 dryers, 2 steamers & 2 irons.

SOUND EQUIPMENT- CONTACT CHRISTIAN O’BRIAN FOR MORE INFORMATION
House Sound: FOH
Digico SD10 with Single SD Rack  Stage Left (56 Inputs)
Console is located at center under balcony.
*There is secondary platform (21’w x 11’d) at the back wall for traveling shows.*

House Mains:
Center Cluster: 6 - JBL Vertec 4888
L/R Clusters: 10 - JBL Vertec 4888 DP
Subs: 8 - JBL Vertec 4880A (can be deployed in a cardioid)
Lip Fills: 8 - JBL MS 26
Under Balcony: 8 - JBL Control 29
4 - JBL SRX 725 for out and in Fill as needed
8- L-Acoustics 112 P Self Powered Monitors

Miscellaneous:
Analog Split terminates off stage left.
Dual channel Clear-Com system (A, B & 2 dry lines)
Cast call and Program to dressing rooms, green room operating booths and off stage.
Stage Power Distribution as Needed
**Technical Specifications**

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**LIGHTING EQUIPMENT CONTACT GAROD CAVANAUGH FOR MORE INFORMATION:**

We have an ETC EMPHASIS server with 2-INSIGHT faceplates. There is an ETC Network with DMX Nodes (4 assignable DMX ins or outs) located SL, SR, Dimmer Room, & Control Booth. Either the Unison system or the light board can control House Lights. **We have a GrandMA2 (Full Size) Console that is available at an additional cost.**

*There is a secondary platform (21'w x 11'd) at the back wall for traveling shows*

**Dimmer per circuit:**

- 311 - 20 amp circuits broken up as follows:
  - 48 - Circuits at FOH Position
  - 28 - Circuits on batten #5
  - 28 - Circuits on batten #15
  - 20 - Circuits batten #34
  - 18 - Circuits on each of the following battens: #9, 21, 30, 43, 50
  - 32 - Circuits in floor pockets on S.R.
  - 32 - Circuits in floor pockets on S.L.

**NOTE:** All 48 FOH circuits are accessible at stage manager’s panel S.R. for transfer patch use. (3 pin stage connectors)

**Instruments:**

- 40 - 19° Source 4 (FOH)
- 8 - 10° Source 4 (FOH)
- 60 - 1k 8” Fresnels (Century)
- 10 - 2k 12” Fresnels (Century)
- 60 - Altman Par 64’s
- 40 - Source 4 Pars
- 6 - 1k 4 color Far Cycles (Berkley Colortran)
- 10 - 19° Source 4
- 35 - 26° Source 4
- 35 - 36° Source 4
- 10 - 50° Source 4

**Intelligent fixtures: Additional charges apply.**

- 12 - Martin MAC Vipers Profiles
- 4 - Martin MAC Vipers Performance
- 16 - Mac 101 RGB LED
- 20 - Mac 301 LED
- 1 - DF-50 Reel FX Hazer

**Spotlights:**

- 2 - 2.0K Xenon Strong Super Trouper

**Power Distribution:**

All with Cam-Lock or lugs for tie-in

Located in basement Down Right (accessible through floor. pocket):

- 2-400 amps 120/208

Located Up Right within 50’ of center:

- 400 amps 120/208
- 200 amps 120/208

Located Down Left:

Sound Power on and Isolated Transformer

- 200 amps 120/208
### Technical Specifications

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#### Battens Line Set List

<table>
<thead>
<tr>
<th>Pipe</th>
<th>Distance</th>
<th>Description</th>
<th>Pipe</th>
<th>Distance</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td></td>
<td>Grand Border</td>
<td>31</td>
<td>18’ 8”</td>
<td>*</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>House Legs</td>
<td>32</td>
<td>19’ 4”</td>
<td>*</td>
</tr>
<tr>
<td>3</td>
<td>0’ 0”</td>
<td>Act Curtain</td>
<td>33</td>
<td>20’ 0”</td>
<td>*</td>
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<tr>
<td>4</td>
<td>0’ 8”</td>
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<td>34</td>
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<tr>
<td>5</td>
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<td>Elect (28 circuits)</td>
<td>35</td>
<td>21’ 4”</td>
<td>*</td>
</tr>
<tr>
<td>6</td>
<td>2’ 0”</td>
<td>*</td>
<td>36</td>
<td>22’ 0”</td>
<td>*</td>
</tr>
<tr>
<td>7</td>
<td>2’ 8”</td>
<td>*</td>
<td>37</td>
<td>22’ 8”</td>
<td>*</td>
</tr>
<tr>
<td>8</td>
<td>3’ 4”</td>
<td>*</td>
<td>38</td>
<td>23’ 4”</td>
<td>Border / Full Traveler</td>
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<tr>
<td>9</td>
<td>4’ 0”</td>
<td>Elect (18 circuits)</td>
<td>39</td>
<td>24’ 0”</td>
<td>Legs</td>
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<tr>
<td>10</td>
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<td>Legs / Full Traveler</td>
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<tr>
<td>11</td>
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<td>41</td>
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<tr>
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<td>33’ 4”</td>
<td>*</td>
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<tr>
<td>24</td>
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<td>Black Out</td>
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<td>34’ 0”</td>
<td>*</td>
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<td>34’ 8”</td>
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<tr>
<td>26</td>
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<td>56</td>
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</table>

* - Spare