Stage Dimensions
Grid Height from Deck

Loading Dock and Loading Doors
The load in doors, W x H, are located in the Northeast corner of the space. Access to the loading
dock is through these doors, through a set of double doors (W x H) into the scene shop, and through
the scene shop loading door (W x H). At curb level is a hydraulic dock lift (W x H).

Truck Access
Truck access to the loading dock is restricted to trucks 24’ or smaller in length.

Dressing Rooms
The Mallett Theatre is supported by four dressing rooms, two on the main floor of the building, and
two in the basement. Each dressing room features individually-lighted dressing stations and full
shower facilities. The Main Level dressing rooms seat 8 and 5; the basement level (Kettlehut)
dressing rooms seat 10 and 11.

Stage Surface
The stage floor is wood covered with ¼” masonite. The wing space floor is concrete. The stage floor
may be lagged into at any point.

Stage Decking and Surface
The center surface of the stage floor is comprised of a system of 3’ x 6’ removable platforms
supported on “zee”-shaped framing members, manufactured by StageRight, which sit in a 3’-0” deep,
36’-0” x 36’-0” well. With some limitations, these platforms may be arranged in a number of
configurations, at varying heights up to 3’-0”.

Each platform is comprised of a cellulose honeycomb core laminated between solid-core fir plywood
panels, with edges enclosed in aluminum. Each platform is finished with a ¼” masonite top.

Because each platform rest on the support framing—there is no positive locking mechanism—
relying on the platforms to resist lift or tipping forces by lagging into them is not permitted.

Electrical Service
Pin-in-sleeve electrical connections are available on the North wall at ground level and the West wall
at the gallery level.

Main Curtain and Soft Goods

<table>
<thead>
<tr>
<th>Description</th>
<th>Dimensions</th>
<th>Color</th>
<th>Notes</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leg (#1)</td>
<td>13’-0” x 6’-0”</td>
<td>Black</td>
<td>Sewn flat</td>
<td>2</td>
</tr>
<tr>
<td>Leg (#2–#4)</td>
<td>20’-0” x 8’-0”</td>
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<td>Sewn flat</td>
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<tr>
<td>Border</td>
<td>5’-0” x 36’-0”</td>
<td>Black</td>
<td>Sewn flat</td>
<td>4</td>
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<tr>
<td>Scrim</td>
<td>20’-0” x 40’-0”</td>
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<td>Sharkstooth</td>
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<tr>
<td>Cyclorama</td>
<td>20’-0” x 40’-0”</td>
<td>White</td>
<td>Leno Scrim</td>
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</tr>
<tr>
<td>Traveler</td>
<td>12’-9” x 24’-8”</td>
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<td>Sewn flat</td>
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<tr>
<td>Stage Tabs</td>
<td>12’-9” x 8’-0”</td>
<td>Black</td>
<td>Sewn flat</td>
<td>2</td>
</tr>
<tr>
<td>Audience Tabs</td>
<td>12’-9” x 9’-0”</td>
<td>Black</td>
<td>Sewn flat</td>
<td>8</td>
</tr>
</tbody>
</table>
See masking plan for house positions.

**Tension Grid, Technical Gallery and Rigging**

A tension-wire grid suspended at 20'-0” from the stage floor provides for overstage rigging positions. Positionable lengths of pipe provide flexible hanging positions above the grid for lighting, sound, and scenery rigging requirements.

Wrapping the space is a technical gallery at 14'-0” from the stage floor, providing lighting positions, sound positions, and scenery rigging and operation positions. The gallery (and by extension the tension grid) is accessible by means of stairways or elevators in the main building. The south side of the gallery hosts an open-air lighting and sound control area, adjacent to an enclosed stage management booth.

**House Sound**

The sound system in the Mallett theatre consists of two Yamaha DM1000 mixing consoles, a Peavy Media Matrix DSP system, Crown CTS series amplifiers, and Renkus Heinz speakers. The Renkus Heinz PNX121 and PNX61 speakers can be configured as desired throughout the theatre space. Stage Research's SFX software is used for sound cue playback.

**House Lighting**

- **Control:** ETC Emphasis Server with ETC Expression 3 faceplate
  - 3 Wireless Remote Focus Units
- **Dimming:**
  - 258 2.4kW Sensor Dimmers
  - 3 6kW Sensor Dimmers

**Fixture Inventory:**

- 18 ETC Source 4 19°
- 27 ETC Source 4 26°
- 90 ETC Source 4 36°
- 36 ETC Source 4 50°

- 6" Fresnel
- 8" Fresnel

- 10 ETC Source 4 PAR Strips
- 8 Altman Single-Cell Sky Cyc

**Accessory Inventory:**

- 10 GAM TwinSpin II w/ Controller
- 10 SX4 Loop-tray w/ Controller
- 10 SX4 Six-Slide Tray w/ Controller
- 10 SX4 Loop Tray
- 10 SX4 Six-Slide Tray
- 10 TwinSpin
- 10 Star Strobe
- 1 Flicker Master
- 1 Chase Generator
- 2 AquaFog
- 2 Fog Machine w/ DMX
- 2 Atmosphere Hazer
- 30 Wybron Colorfader
Equipment may be moved from one theatre to the other with the permission of the lighting faculty mentor; however, productions in the Mallett Theatre have priority over the dedicated equipment as described above (and vice-versa). The lighting inventory is to be used and divided between productions at the discretion of the lighting faculty mentor.

Network distribution, DMX address information, and network node IP address information can be found by visiting http://web.ics.purdue.edu/~rdionne/drawings.php.

**Intercom, Program, and Paging Systems**

**Intercom**: A four-channel Clear-Com system with redundant power supplies is hardwire to all commonly used locations (spot booths, control positions, fly rail, trap room, etc.). Base stations capable of addressing all four channels are located in the control booth and in the stage left stage manager’s console. Wall-mounted Clear-Com stations are mounted in each dressing room and the green room. Typical channel configuration:

- Channel A: Stage Crew
- Channel B: Sound
- Channel C: Lighting
- Channel D: Support Areas (dressing rooms, front-of-house, etc.)

**Program**: A 70V system routes program feed to all commonly used areas (dressing rooms, green room, booth, front-of-house lobby, etc.). All areas have independent volume controls.

**Paging**: “All calls,” both to the auditorium and to all backstage areas, may be made from either of the Clear-Com base stations. This system will override the program feed to avoid missed cues.