Stage Dimensions
Proscenium Width 36'-0”
Proscenium Height 28'-0”
Plaster Line to Last Lineset 31'-2”
Plaster Line to DS edge of Apron
(at center, pit lift below deck height) 6'-0”
Plaster Line to DS edge of Apron
(at center, pit lift at deck height) 13'-0”
Grid Height from Deck
Orchestra Pit Lift Width 42'-9”
Orchestra Pit Lift Depth (at center) 7'-0”
Maximum Height Counterweight Batten

Loading Dock and Loading Doors
The load in door is a motor-controlled, sound-proof door, W x H, located on the stage left side of
the upstage wall of the theatre. Access to the loading dock is through this door, 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 Hansen 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 Traps
The center surface of the stage floor is comprised of 3’x6’ removable trap covers; the supporting steel
structure may be configured to accommodate numerous different trap opening sizes, shapes, and
positions.

Electrical Service
Two company switches are located stage left:
400 amp, 3 phase, four wire cam-lock service
100 amp, 3 phase, four wire cam-lock service

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>Main Valence</td>
<td>12’-0” x 52’-0”</td>
<td>Burgundy</td>
<td>75% fullness</td>
<td>1</td>
</tr>
<tr>
<td>Main Curtain</td>
<td>30’-0” x 27’-6”</td>
<td>Burgundy</td>
<td>75% fullness</td>
<td>2</td>
</tr>
<tr>
<td>Leg</td>
<td>30’-0” x 12’-0”</td>
<td>Black</td>
<td>Sewn flat</td>
<td>8</td>
</tr>
<tr>
<td>Border</td>
<td>12’-0” x 56’-0”</td>
<td>Black</td>
<td>Sewn flat</td>
<td>5</td>
</tr>
</tbody>
</table>
Traveler 30'-0" x 31'-6" Black 75% fullness 2
White Scrim 30'-0" x 57'-0" White Sharkstooth 1
Black Scrim 30'-0" x 57'-0" Black Sharkstooth 1
Cyclorama 30'-0" x 57'-0" White Leno Scrim 1
Projection Screen 30'-0" x 57'-0" “Twin White” RP Screen 1
Tab Curtain 23'-6" x 14'-0" Black Sewn flat 4
Gallery Traveler 20'-11 x 13'-6" Black Sewn flat 2
Gallery Traveler 20'-11 x 11'-0" Black Sewn flat 2
Electrics Border 2'-6" x 26'-0" Black Heatstop 1834 10
Electrics Border 2'-6" x 12'-0" Black Heatstop 1834 4
Acoustic Traveler (pit) 7'-3" x 18'-6" Black Sewn flat 2
Acoustic Traveler (pit) 5'-7" x 15'-0" Black Sewn flat 3

Orchestra Pit and Lift
The orchestra pit lift has soft stops at four levels: stage level, audience level (-3'), orchestra pit level (-10'), and trap room level (-12').

The orchestra pit level may be accessed from stage right or stage left by means of stairways on either side of the theatre house. Additionally, the orchestra pit level is handicap-accessible by means of a wheelchair lift stage right.

The trap room level may be accessed on the basement level of the building.

Rigging
Overstage rigging consists of 35 single-purchase linesets, with 56' long double battens.

House Sound
The sound system in the Hansen theatre consists of a Yamaha DM2000 mixing console, a Peavy Media Matrix DSP system, Crown CTS series amplifiers, and Renkus Heinz speakers. Renkus Heinz PNX121 speakers are positioned above the proscenium in a left-center-right configuration, and two Renkus Heinz subwoofers are mounted near the left and right speakers. Also, twelve Renkus Heinz PNX61 speakers are distributed along the sides and rear of the seating area to accommodate surround effects. The surround speaker positions can be reconfigured and there are multiple speaker lines run throughout the theatre for additional speakers. Stage Research's SFX software is used for sound cue playback.

Front of House Mix Position

House Lighting
Control: ETC Obsession 2
3 Wireless Remote Focus Units

Dimming: 394 2.4kW Sensor Dimmers
6 6kW Sensor Dimmers

Fixture Inventory:
45 ETC Source 4 19°
72 ETC Source 4 26°
54 ETC Source 4 36°
27 ETC Source 4 50°
18 Selecon Pacific 90°
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
- 3 Wybron Colorfader Power Supply

Equipment may be moved from one theatre to the other with the permission of the lighting faculty mentor; however, productions in the Hansen Theatre have priority over the dedicated equipment as described above (and vise-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. Four individual Clear-Com wireless belt packs are also available. 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.