ALBERTA BAIR THEATER STAGE SPECIFICATIONS & INVENTORY
Revised 2011

STAGE
Floor: Black Battleship Linoleum over two layers of 3/4" plywood over 3 layers of 2" by 4" crosshatched sleepers on 16" centers. Floor can be nailed or drilled. No traps or elevators. A 26'3" by 65'7" Harlequin AReversible (black/gray) vinyl dance floor is available for dance performances.

Dimensions:
- Loading Door Size: 5'10" wide, 12'0" high
- Proscenium: 26' high, 53'10" wide
- Plaster line to back wall: 30' maximum
- Plaster line to apron edge: 7'6" maximum
- Plaster line to grand drape: 8"
- Plaster line to act curtain: 16"
- Plaster line to balcony rail: 47"
- Stage Height above house floor: 39"
- Wall to Wall (unobstructed): Varies downstage from 69'-72' until 7' from plaster line, then minimum of 80" upstage.
- Note: column stage right plaster line, then minimum of 80" upstage.
- Stage, right wing: Varies from 8'0" to 13'4" (obstructed by column)
- Stage, left wing (unobstructed): 8'0" to 7' from plaster line, then min. 15'
- Wing height: 59', except 15'3" under fly floor stage right
- Clearance under fly floor: 15'3", except where heating unit restricts to 8'7"

Orchestra Pit Lift: Dover Hydraulic. Platform is curved front, 5'10" depth in center narrowing to 2'6" at ends by 39'2" wide. Capacity: 40,000 lbs.

Orchestra Pit: In addition to lift: 10'5" maximum depth, with 48', clearance under apron 7'6". **Floor of pit is 10'1" below stage floor.** Power outlets and stage monitor lines 4'6" above pit floor (5'7" below stage floor.)

RIGGING
Type Clancy: T-Track counterweight
Number of sets: 44
Number of available sets: 34
Line centers: 8"
Numbers of lines per set: 5
Batten length: 60', except 56' set #43
Safe load: 1000 lbs per set
Weight available: 7850 lbs
Fly floor location: Gallery 17'6" above stage right wing
Loading gallery location: Floor at 67' above stage right wing
Top of Headblock height: 79'3"
Grid Height: 57' (Grid is below headblocks and loading gallery)
Maximum trim height: 26'0" (Proscenium height)
Maximum low trim: 4' from stage floor/Grand Drape - 18'
GRID HANGING SCHEDULE

DISTANCE

<table>
<thead>
<tr>
<th>LINE#</th>
<th>FROM</th>
<th>P-LINE</th>
<th>USE</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>0'6&quot;</td>
<td>0'6&quot;</td>
<td>1'</td>
<td>Fire Curtain Perm</td>
<td>anent</td>
</tr>
<tr>
<td>1'</td>
<td>1'</td>
<td>2&quot;</td>
<td>Grand Drape Perm</td>
<td>anent</td>
</tr>
<tr>
<td>1'8&quot;</td>
<td>1'8&quot;</td>
<td>2&quot;</td>
<td>Act Curtain Perm</td>
<td>anent</td>
</tr>
<tr>
<td>2'</td>
<td>2'</td>
<td>2&quot;</td>
<td>Spare</td>
<td>Very tight to Red Portal Legs</td>
</tr>
<tr>
<td>2'9&quot;</td>
<td>0'6&quot;</td>
<td>0'6&quot;</td>
<td>Red Portal Legs</td>
<td>Very tight to #1 Electric</td>
</tr>
<tr>
<td>2&quot;</td>
<td>2&quot;</td>
<td>2&quot;</td>
<td>Spare</td>
<td>Very tight to #1 Electric</td>
</tr>
<tr>
<td>3'</td>
<td>3'</td>
<td>9&quot;</td>
<td>#1 Electric Perm</td>
<td>anent</td>
</tr>
<tr>
<td>4'</td>
<td>4'</td>
<td>4&quot;</td>
<td>Black Legs</td>
<td></td>
</tr>
<tr>
<td>5'</td>
<td>5'</td>
<td>0&quot;</td>
<td>Spare</td>
<td></td>
</tr>
<tr>
<td>6'</td>
<td>6'</td>
<td>8&quot;</td>
<td>Spare</td>
<td></td>
</tr>
<tr>
<td>6'</td>
<td>6'</td>
<td>2&quot;</td>
<td>Black Border</td>
<td></td>
</tr>
<tr>
<td>7'</td>
<td>7'</td>
<td>8&quot;</td>
<td>Black Legs</td>
<td></td>
</tr>
<tr>
<td>8'</td>
<td>8'</td>
<td>2&quot;</td>
<td>Spare</td>
<td></td>
</tr>
<tr>
<td>9'</td>
<td>9'</td>
<td>4&quot;</td>
<td>Black Legs</td>
<td></td>
</tr>
<tr>
<td>10'</td>
<td>10'</td>
<td>0&quot;</td>
<td>Spare</td>
<td></td>
</tr>
<tr>
<td>10'</td>
<td>10'</td>
<td>8&quot;</td>
<td>Electric Perm</td>
<td>anent</td>
</tr>
<tr>
<td>11'</td>
<td>11'</td>
<td>4&quot;</td>
<td>Orchestra Shell Cloud Perm</td>
<td>anent</td>
</tr>
<tr>
<td>12'</td>
<td>12'</td>
<td>2&quot;</td>
<td>Spare</td>
<td>Very tight to shell</td>
</tr>
<tr>
<td>12'</td>
<td>12'</td>
<td>8&quot;</td>
<td>Spare</td>
<td></td>
</tr>
<tr>
<td>13'</td>
<td>13'</td>
<td>4&quot;</td>
<td>Black Border</td>
<td></td>
</tr>
<tr>
<td>14'</td>
<td>14'</td>
<td>0&quot;</td>
<td>Black Border</td>
<td></td>
</tr>
<tr>
<td>14'8&quot;</td>
<td>14'8&quot;</td>
<td>Black Traveler Legs</td>
<td>also, Pulls Stage Left</td>
<td></td>
</tr>
<tr>
<td>15'</td>
<td>15'</td>
<td>8&quot;</td>
<td>Electric Perm</td>
<td>anent</td>
</tr>
<tr>
<td>16'</td>
<td>16'</td>
<td>0&quot;</td>
<td>Spare</td>
<td></td>
</tr>
<tr>
<td>16'</td>
<td>16'</td>
<td>8&quot;</td>
<td>Spare</td>
<td></td>
</tr>
<tr>
<td>17'</td>
<td>17'</td>
<td>4&quot;</td>
<td>Spare</td>
<td></td>
</tr>
<tr>
<td>18'</td>
<td>18'</td>
<td>0&quot;</td>
<td>Spare</td>
<td></td>
</tr>
<tr>
<td>18'</td>
<td>18'</td>
<td>8&quot;</td>
<td>#3 Electric Perm</td>
<td>anent</td>
</tr>
<tr>
<td>19'</td>
<td>19'</td>
<td>4&quot;</td>
<td>Spare</td>
<td></td>
</tr>
<tr>
<td>20'</td>
<td>20'</td>
<td>0&quot;</td>
<td>Spare</td>
<td></td>
</tr>
<tr>
<td>20'</td>
<td>20'</td>
<td>8&quot;</td>
<td>Black Border</td>
<td></td>
</tr>
<tr>
<td>21'</td>
<td>21'</td>
<td>4&quot;</td>
<td>Black Legs</td>
<td></td>
</tr>
<tr>
<td>22'</td>
<td>22'</td>
<td>0&quot;</td>
<td>Strip Lights 4 Circuit, Semi Permanent</td>
<td></td>
</tr>
<tr>
<td>22'</td>
<td>22'</td>
<td>8&quot;</td>
<td>Spare</td>
<td></td>
</tr>
<tr>
<td>23'</td>
<td>23'</td>
<td>4&quot;</td>
<td>Spare</td>
<td></td>
</tr>
<tr>
<td>24'</td>
<td>24'</td>
<td>4&quot;</td>
<td>Black Border</td>
<td></td>
</tr>
<tr>
<td>25'</td>
<td>25'</td>
<td>8&quot;</td>
<td>#4 Electric Perm</td>
<td>anent</td>
</tr>
<tr>
<td>26'</td>
<td>26'</td>
<td>4&quot;</td>
<td>Orchestra Shell Cloud Perm</td>
<td>anent</td>
</tr>
<tr>
<td>26'</td>
<td>26'</td>
<td>8&quot;</td>
<td>Spare</td>
<td></td>
</tr>
<tr>
<td>27'</td>
<td>27'</td>
<td>4&quot;</td>
<td>Black Border</td>
<td></td>
</tr>
<tr>
<td>27'</td>
<td>27'</td>
<td>8&quot;</td>
<td>Black Legs</td>
<td></td>
</tr>
<tr>
<td>28'</td>
<td>28'</td>
<td>0&quot;</td>
<td>Black Legs</td>
<td></td>
</tr>
<tr>
<td>28'</td>
<td>28'</td>
<td>8&quot;</td>
<td>Bounce Backdrop Seam ed Muslin</td>
<td></td>
</tr>
<tr>
<td>29'</td>
<td>29'</td>
<td>4&quot;</td>
<td>Blackout Back Drop</td>
<td></td>
</tr>
<tr>
<td>30'0&quot;</td>
<td>30'0&quot;</td>
<td>Orchestra Shell Back Wall Permanent</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All lines pull from fly rail 17'6" above stage right unless indicated. For maximum audience masking, legs on lines #4,#7,#12,#22,#31 & #41. If traveled and left open, Act Curtain replaces Red Portal legs on line #4. With 150 + events each year, the hanging schedule constantly changes. Movie screen usually flies on line #14.
LIGHTING SYSTEM
Controls: ETC Expression 3, 400 channels. Disc Drive Only.

Locations: Light Booth located at rear of orchestra level

Dimmers: Type: Strand Century CD 80 2.4 KW dual dimmer modules, dimmer per circuit
Quantity: 114 modules, 228 dimmers.
3 DN modules
3 ND modules
3 NN modules

Circuits: Plug: Grounded stage pin (GSP).
Capacity: 228 @ 20 Amperes, dimmer per circuit.

Positions:
Front of House: Two Box Boom each side, 8 circuits each @ 30' @
Stage Left Box Boom: Circuits #1-8
Stage Right Box Boom: Circuits #17-24
FOH Bridge 48' from front of stage @ 38 degrees, 38 circuits, #33-70.

Stage:
4 floor pockets stage left, 4 circuits each, #71-86
4 floor pockets stage right, 4 circuits each, #87-102
4 surface boxes on rear wall, 4 circuits each, #103-118
#1 Electric - 30 circuits: #121-150
#2 Electric - 24 circuits: #151-174
#3 Electric - 24 circuits: #175-198
#4 Electric - 30 circuits: #199-228

Road Patch: Half of the front house circuits (even numbers) are available at road patch, stage left (grounded stage pin plug)

House Lights:
Control: Fixed time digital microprocessor.
Location: Light booth, sound nest, stage left, stage right, projection booth, and usher station in lobby.

Work Lights: Mercury Vapor Lamps & LED. On stage: lights controlled from Stage Manager Panel.
stage left. Front of House: controlled from Stage Manager Panel, stage left. Fluorescent lights above grid controlled from stage right

AUXILIARY POWER: Three 400 Ampere, 3 phase, 4-wire company switches on stage left wall. Distance from stage left proscenium opening is 23'. Connections are lugs up to 4'0".

ROAD LIGHTING CONSOLE POSITIONS: These can be located anywhere on stage but the theater prefers that the lighting console stay with the sound console center/back of the house or if needed, space can be made in the house light booth (given advance notice).

Notes: A Genie Personnel Lift is available for focus work. Platform height is 24'. All ellipsoidals have pattern slot. Instrument totals are subject to availability.

Contact the ABT Technical Director at (406) 259-7400 or abt@albertabairtheater.org for
current equipment list.

**SOUND SYSTEMS**
Main Public Address System: Designed to reinforce the natural acoustics of the theater. The system is capable of handling virtually all events with the exception of pop/rock concerts with electric instruments.

Contact the ABT Technical Director at (406) 259-7400 or abt@albertabairtheater.org for current equipment list.

*Road Sound Console Locations: House center rear position on main floor (under balcony), eliminating 30 seats. Since the main floor has continental seating, Console locations in the center of the main floor eliminate about 100 seats that cannot be sold, and obstruct other sight lines. Sound Nest (open) located at front of balcony, house right.*

**Intercom System**
All equipment is Clear Com, total of 37 stations.

**Power**
1 MS-200 Main Station located in ticket office

**Belt Packs**
7-Rs100A 3 RS 501 All cables used for Belt Packs must be pulled from mic cable inventory

**Headsets**
12 - CC75B Single Muff Heavy Duty headsets

**Handsets**
5- HS-6 Telephone Style

**Headset or Handset Stations:**
9 MR102A

**Locations:**
A. Main Usher Station in Lobby house right
B. Coat Check Counter in Lobby, house center
C. Usher Station in Lobby, house left
D. Mezzanine Lobby, house left
E. Mezzanine Lobby, house right
F. Stage Left
G. Stage Right
H. Sound Booth
I. Light Booth

**Belt Pack Plug In Stations:** 18

**Locations and Number of Inputs:**
A. Light Booth - 2
B. Director=s Room - 1
C. Sound Booth - 2.
D. Projection/Followspot Booth - 2
E. Second Followspot platform.
F. Balcony Rail - 3 (left, center, right)
G. Lighting Bridge - 3 (left, center, right)
H. Lower Lighting Nest, house left, 1
I. Lower Lighting Nest, house right, 1
J. Orchestra Pit - 1.
K. Fly Rail - 3
L. Grid Loading Gallery - 1.
M. Grid over Stage - 1.
N. Dimmer Room - 1.
O. Stage Left - 1.
P. Stage Right - 1.
Q. Upstage Right Rear Wall - 1.
R. Sound Equipment Room.

Push to Talk Stations: 2 - KB112

Locations:
A. Dressing Room Corridor.
B. 1 P-Box Portable Station

Hearing Impaired System: All Road Sound Systems must provide the theater with a balanced sound feed for ADA (Americans With Disabilities Act) Compliance. The theater has a Comtek BSA72 radio frequency hearing impaired system with a variety of receivers, operating on an FCC dedicated wave band of 72.100 MHZ.

INVENTORY CHANGES FREQUENTLY,
PLEASE CALL FOR LATEST INFORMATION (406) 259-7400.