



Height:	Stage Floor from House Floor:	3 feet	9 inches	1.14 meters	
	Proscenium:	21 feet	8 inches (to bottom Valance swag)		6.60 meters
	Grid:	60 feet		18.29 meters	

Proscenium height can be closed in by a reduced trim combination of stock soft goods (black border, Pompeii Red House Curtain).

Apron:	Shape:	Curved downstage, trapezoid upstage			
	Width:	37 feet		11.28 meters	
	Depth:	10 feet		3.05 meters	

Pit:	Shape:	Curved downstage, trapezoid upstage			
	Location:	Apron			
	Elevator Width:	37 feet		11.28 meters	
	Elevator Depth:	10 feet		3.05 meters	
	Height:	Pit Floor to House Floor:	6 feet 3 inches (pit at lowest)		1.91 meters
		Pit Floor to Stage Floor:	10 feet 6 inches (pit at lowest)		3.20 meters
	Maximum # of People it will hold:	Approximately 35-40 (depending on instrumentation)			
	Access to Pit:	Backstage Lower Level doors (2)			

Obstructions:	SR Wing:	locking rail (ele. 18'-0"), 2- single purchase lines DDR offstage, electric ladders (trim ht at 9'-0"). (5.49 meters/2.74 meters)			
	SL Wing:	pin rail (ele. 36'-0"). (10.97 meters)			
	USC:	Parapet outcrop on USC bearing beam (obstructs lineset #40).			
	Overhead:	none			
	Other:	none			

Scaled top view & side elevation stage drawings available on request.

## **RIGGING:**

The stage rigging system of the Hawaii Theatre consists of a main double-purchase counterweight system with an additional pin rail.

### **PinRail:**

Location:	SL at 36 feet	10.97 meters
Available Battens:	2	
Length of Battens:	53 feet	16.15 meters
Maximum Weight per Batten:	Consult Theatre Production Manager	
Maximum Height of Scenery:	Consult Theatre Production Manager	
Available Sand Bags:	Consult Theatre Production Manager	

### **Compound/ Double-Purchase Counterweight System:**

Location of Locking Rail:	House Curtain & 1st Electric: Offstage DDR at stage level.		
	Linesets # 2 through #40:	SR at 18' elevation	5.49 meters
Location of Loading Rail:		SR at 57' elevation.	17.37 meters
Length of Battens:	53 feet		16.15 meters
Maximum Weight of Battens:	2900 pounds		1315.42 kilograms
Maximum Height of Scenery:	Consult Facility Manager		
# of Line Sets:	40		
	# Available for Use:	25	
	# of Electrics:	7	
Apron to First Set of Lines:	4 feet 4 inches (to Lineset #1- House Curtain)		1.31 meters
Apron to Last Set of Lines:	30 feet		9.14 meters
Location of Electric Battens from Apron:	See Hanging Plot (available upon request)		
Batten Centers:	26 feet 6 inches		8.08 meters
Obstructions:	Lineset #40 obstructed at approx. 50' elevation.		15.24 meters

**CURTAINS:**

House Curtain is a guillotine curtain of Pompeii Red Velour controlled by a single-purchase linsset located off SR. The House Curtain provides no access to the downstage apron area when in.

White muslin bounce Cyc located US and controlled from SR Fly Floor lineset # 38.

	#	Ht.	Width	Meters	Description	Color
<b><u>House Curtain:</u></b>	1				Guillotine	Pompeii Red
<b><u>Travellers:</u></b>	3	30'	54'	9.14 / 16.46	50% fullness	Black Memorable velour
<b><u>Utility Drop:</u></b>	1	30'	56'	9.14 / 17.07	No fullness, 4 sections	Black Memorable velour
<b><u>Borders:</u></b>	4	12'	52'	3.66 / 15.85	50% fullness	Black Memorable velour
<b><u>Legs:</u></b>	6	30'	15'	9.14 / 4.57	50% fullness	Black Memorable velour
<b><u>Scrim:</u></b>	1	30'	52'	9.14 / 15.85	No fullness	Black Sharkstooth
	1	30'	52'	9.14 / 15.85	No fullness	White Sharkstooth
<b><u>Cyc:</u></b>	1	30'	52'	9.14 / 15.85	No fullness	White seamless Muslin

*Dedicated items are listed on Hanging Plot, which is available on request.*

**LOADING AREA:**

Loading Doors are located on Pauahi Street between Nu'u'anu Street (one way makai) and Bethel Street (one way mauka) in Downtown Honolulu, island of O'ahu. The loading door is at street level with slight, small side walk curb ramp , and a slight small ramp up to stage level . The Loading Doors open to the SL Wing. Truck Parking is located in loading bay (clearances permitting) and along the makai side of Pauahi Street. Permits are required for parking and/or obstructing Pauahi Street.

**Door:**

Width:	7 feet	8 inches	2.33 meters
Height:	13 feet	4 inches	4.06 meters
Height from Ground:	Street level		

**Distance from Loading Door to Stage:**      8 feet      2.44 meters

**DRESSING ROOMS:**

	Star	Principle	Chorus	
# of Dressing Rooms:	1	5	2	
# Each can Accommodate:	1 (or more)	3-4 (or more)	6 (or more)	
Location:	Stage Level	1- Lower Level 2- 2nd Level 2- 3rd Level	Lower Level	
Distance from Stage:	8'	15'-30'	20'	2.44 / 4.57-9.14 / 6.10 meters
Toilet:	Yes	Yes	Yes	
Running Hot/ Cold Water:	Yes	Yes	Yes	
Hot/ Cold Shower:	Yes (w/ bath)	Yes	Yes	
Mirrors:	1	3-4	6	
Mirror Lights:	Yes	Yes	Yes	
Wardrobe Racks:	Yes	Yes	Yes	
Chairs:	Yes	Yes	Yes	
Storage Shelves:	Yes	Yes	Yes	

*\*Dressing rooms #1 and #8 have private phone jack hook-ups with service available through Hawaiian Telcom.*

## MISCELLANEOUS:

### Best Position for "Calling Show":

Stage Right or Stage Left in wing.

Why?: Stage Managers' Console hookups located SR & SL in wing 1. Console includes front-of-house and pit video feeds, Clear-Com station, house lighting control, chime control, phone and cue light control.

**Shops:** Scenic: None  
Props: None  
Costume: Wardrobe area: Full-sized Washer & Dryer, 2 Ironing Boards, 2 Irons, 4 Racks (No tubs).

Small backstage storage area can be used for alterations, minor repairs.

### Greenroom Area:

Greenroom Area is located in the Lower Level SL Corridor of the backstage and is furnished as a standing room with soft drink and snack vending machines. **There are no rehearsal rooms at the theatre.**

### FRONT OF HOUSE CONTROL BOOTH:

The Front of House Control Booth is a two level structure located in the center rear of the Upper Balcony with the access door located on the house left side. The Followspot Bays are located in the upper level of the Control Booth and consists of four spot bay windows and is air-conditioned and equipped with a loading trap from the lower level of the Control Booth. Controls for computerized stage & architectural lighting, projection, and house sound systems are located in the lower level of the Control Booth. Lower level of the Control Booth is also air conditioned and equipped with house phone and toilet.

Distance from Stage:    Approximately 110 feet                    33.53 meters

### LIGHTING:

#### Front of House Positions:

	#	Distance from Stage	Meters
Balcony Rails:	1- segmented	50' at center of rail to plaster line.	15.24
Booms:	2- HR & HL	26' to plaster line	7.93
Pipes:	0		
Beamports:	#1- HL & HR	65'	19.81
	#2- HL & HR	76'	23.17
	#3- HL & HR	91'	27.74
Spot Bays:	4	102'	31.09

#### Onstage Positions:

Electrical Batters:	7	Refer to Hanging Plot.	
Side Ladders:	3- SR	Approx. 10' offstage, 9' elevation on bottom pipe.	(3.05/2.74)
	3- SL	Approx. 10' offstage, variable elevation.	(3.05)
Terms*:	2- DSR & DSL	Approx. 5' offstage on proscenium wall.	(1.52)

\*DSR & DSL Torm positions must be hung AFTER 1st Electric is hung and in high trim, and unhung BEFORE 1st Electric is struck.

### Grid:

Dimensions: 64 feet x 32 feet      19.51 x 9.75 meters  
# of Circuits: 0 (All Electrical batters are pre-circuited)

### Main Power:

Location: SL Wall  
Type of Current: AC  
Total Amps: 1- 400 amp House Service  
1- 400 amp Stage Service  
1- 400 amp Company Disconnect  
Wires: 4  
Phase: 3  
Voltage per Hot Leg: 208Y/120 Volts

### Circuits:

# in House: 13      Amps: 20  
# Onstage: 219      Amps: 20  
# in Floor Pockets: 26      Amps: 20  
# in Beamports: 44      Amps: 20

### House Lights:

Switches: Strand Premiere computer-programmed house lighting presets.  
Dimmer: Strand Premiere, 192 dimmers  
Controls: Located at SM Console, FOH, and Control Booth

### Control Boards:

**Type: ETC SmartFade 2496 Light Board**  
Make: Electronic Theatre Controls  
Location: Stage (variable)  
- Available with use of House Repertory Light Plot -

**Type: 430 Computerized Light Board w/ Light Palette software w/ remote 430 slave.**  
Make: Strand Lighting  
Location: Control Booth (slave located onstage or at designers' desk orchestra position)  
# of Dimmers: Up to 1024  
# of Channels: 350  
*\*\* Rental Item- see Stage Equipment Rental Rate Card for current pricing \*\**

**Type: Express 72/144 Computerized Light Board**  
Make: ETC  
Location: Portable; can be used in Control Booth or FOH Tech Position  
# of Dimmers: Up to 1024  
# of Channels: 240  
*\*\* Rental Item- see Stage Equipment Rental Rate Card for current pricing \*\**

**Type: Wireless Remote Focus Unit (RFU)**  
Make: ETC  
Location: Portable, wireless with indoor range of up to 240'  
*\*\* Rental Item- see Stage Equipment Rental Rate Card for current pricing \*\**

Dimmers: Strand CD-80 in 4 racks; 308- 2.4kw dimmers

**Instruments:**

<b>Type</b>	<b>Size</b>	<b># Available</b>	<b>Lamp</b>	<b>Sufficient Supply</b>	
				<b>Pattern Holder</b>	<b>Color Frames</b>
ERS LEKO 15	6 X 22	16	1000	Yes (2 3/8")	Yes (7.5" X 7.5")
ERS LEKO 10	8 X 13	16	1000	Yes (3")	Yes (10" X 10")
ERS LEKO 20	6 X 16	25	1000	Yes (2 3/8")	Yes (7.5" X 7.5")
ERS LEKO 5	10 X 23	28	1000	Yes (3")	Yes (11 3/4" X 11 3/4")
ERS LEKO 30	6 X 12	54	1000	Yes (2 3/8")	Yes (7.5" X 7.5")
ERS LEKO 40	6 X 9	42	1000	Yes (2 3/8")	Yes (7.5" X 7.5")
FRESNEL	6"	36	500/ 750/ 1000W		Yes (7.5" X 7.5")
FRESNEL	8"	23	1K/ 1.5K/ 2K		Yes (10 1/8" X 10 1/8")
PAR 64 WFL		9 (stage works)	500		Yes
PAR 64 FFR		14	1000		Yes
Two-Fers (T-Block):		24			
Adapters:					
Stage pin – Edison M		2			
Stage pin – Edison F		5			

**Metric size conversions for the above instruments**

ERS LEKO 15	15.24 x 55.88 cm	6.03 cm	19.05 x 19.05 cm
ERS LEKO 10	20.32 x 33.02 cm	7.62 cm	25.4 x 25.4 cm
ERS LEKO 20	15.24 x 40.64 cm	6.03 cm	19.05 x 19.05 cm
ERS LEKO 5	25.4 x 58.42 cm	7.62 cm	29.85 x 29.85 cm
ERS LEKO 30	15.24 x 30.48 cm	6.03 cm	19.05 x 19.05 cm
ERS LEKO 40	15.24 x 22.86 cm	6.03 cm	19.05 x 19.05 cm
FRESNEL	15.24 cm		19.05 x 19.05 cm
FRESNEL	20.32 cm		25.72 x 25.72 cm

We have sufficient cable to operate all instruments.

**Plugs:** All plugs are 3-pin stage connections.

**Additional Equipment:** (8) Altman 10' Light trees with 50# round base and 4' cross pipe

**Special FX Equipment:** (4) Wildfire FX Master dual-tube UV units  
(2) LOOK Unique 2 Hazer units  
(2) SnowMasters T1000 snow machines

**\*PLEASE NOTE: Theatre policy requires the use of WATER-BASED haze and/or smoke effect units during productions. Please contact the Theatre Production Office at (808) 791-1324 for more information.**

**Focusing Equipment:** Genie AWP-24 Personnel Lift (Maximum lift height: 24 feet / 7.32 meters)  
\*Pipes lower to 4' above stage (1.22 meters)

**Projection Location Information:** Typical location for placement of front projectors is at the center balcony rail.  
Approximate distance from this location to:

HTC Movie Screen (lineset #6) = 48' 14.63 m  
Midstage Traveler (lineset #15) = 55' 16.76 m  
Muslin Cyclorama (lineset #38) = 71' 21.64 m  
Center of VIP Boxes, HR and HL = 50' 15.24 m

## **SOUND:**

### ***CONTROL ROOM (UPPER BALCONY; FIXED POSITION):***

Mixing Board: Soundcraft Venue II, 40-channel.  
Controlled from: Control Booth (upper balcony). Optional mix position for outside equipment located at orchestra level, HL parterre (see below).

### **Components:**

Audio Processor: Aphex Compellor Model 320  
Amplified Monitor Panel: Atlas/ Soundelier MVXA-195  
Sequential Switch System: Atlas/ Soundelier SACR-191  
Millitap Time Correctors: BSS Audio Ltd. TCS-803/ TCS-804  
Cassette Deck: Denon DN-T620 Compact Disc/Cassette player combo unit  
Compact Disc Deck: Tascam CD-401MKII Compact Disc Player, Denon DN-T620 Compact Disc/Cassette player combo unit  
Effects Processor: Yamaha SPX 1000 Professional Multi-effect Processor  
Amplifier: Crown: Com-Tech 400/ D-75/ Macro-Tech 600/1200/2400// Micro-Tech 600/1200//  
Distribution Amplifier: FSR inc. ADA-4 1 x 4  
Power Supplies: FSR inc. DC-5/ Soundcraft CPS750/B  
Audio Summer: FSR inc. WCA-4  
Equalizer: Klark Teknik DN300 & DN360 Graphic Equalizers/ DN405 Parametric  
Speakers: Main Cluster (6 spkrs.), 2-Sub Woofers, 6 wedge monitors, 2- side fill cabinets.  
Mics: Available on request. Consult Facility Manager for inventory and current rental pricing.  
Monitors/ PA/  
Intercom: All actor occupied spaces and tech locations outfitted w/ Clear-Com w/ monitor mix and PA capabilities.

### ***FRONT-OF-HOUSE SYSTEM (ORCHESTRA TECH POSITION; PORTABLE):***

Mixing Board: 1. Midas Verona 320, 32-channel  
2. Midas Venice 160, 16-channel  
Equalizer: Ashly Protea System II (digital EQ) – 6-channels w/ compressor/ limiter/ gate/ delay on each channel.  
Compressor/Limiter: dbx 1066 Dual-Channel compressor/ limiter/ gate unit  
Effects Processor: t.c. electronic M-ONE XL Dual-Engine Effects Processor  
Compact Disc Deck: Denon DN-T625 Compact Disc/Cassette player combo unit

All microphone, multi-plex, and monitor/speaker runs pre-circuited. House policy precludes any cable runs FOH. Contact Theatre Production Manager for further information.

## **STAGE LABOR:**

The Hawaii Theatre Center, which owns and operates the Hawaii Theatre, takes no position regarding the use of either union or non-union personnel by presenting organizations licensing the use of the facilities of the Hawaii Theatre. Such decisions are regarded by the Hawaii Theatre Center to be matters of internal employment policy set by each licensed user.

The Hawaii Theatre Center does, however, require that facility users set-up, operate, and dismantle all shows, concerts, exhibits, athletic events, and other productions in such a fashion that public safety, employee safety, and proper equipment utilization are ensured to the greatest extent possible. In this sense, users must be responsible for engaging qualified personnel to carry out all production operations. Suggested guidelines for assessing personnel qualifications are attached. The Hawaii Theatre Theatre Manager is the sole authority in the assessment of personnel qualifications.

Many individual licensed users have developed sources for acquiring qualified personnel. For those presenting organizations seeking additional personnel, one potential source may include the International Alliance of Theatrical and Stage Employees and Moving Picture Machine Operators. The business office for Local 665 of the I.A.T.S.E. Union is located at 949 Kapiolani Blvd., Suite 100, Honolulu Hawai'i 96814, and may be reached by phone at (808) 596-0227. Requests for projectionists should be forwarded to the Hawaii Theatre Production Office at: 1130 Bethel Street, Honolulu Hawai'i 96813-2201; or by phone at (808) 791-1324.

## **NEAREST STAGE SUPPLY HOUSES:**

Please contact Hawaii Theatre Production Office for information at (808) 791-1324.