

# JONES HALL

## TECHNICAL INFORMATION

Plan and Section drawings available upon request.



**UPDATED**  
January 2017

<http://www.houstonfirsttheaters.com/JonesHall.aspx>

## SEATING CAPACITY

2,911 (Including Pit Seats)

## STAGE INFORMATION

Stage floor is maple, stained a lighter shade than the teak walls of the audience chamber.  
Fastener holes must be predrilled and plugged.

Proscenium Width	61' to 48' Grand Curtain Opens to 45'
Proscenium Height	31' to 18'
Plaster Line to back wall	50'
Apron	3'
Orchestra Pit	50' x 18' x 11' end - Hydraulic, adjustable to 18' below stage
Stage Floor to Grid	80'
Counterweight System	67 linesets, double purchase
	<b>NOTE: Most system pipes are 2-3/8' in diameter</b>
Electric Service Road Switch	3 Ea 400 Amp 3 phase 4-wire stage right with ground
Sound Power Road Switch	200 Amp 3 phase 4-wire, stage left dedicated ground
Spotlights	4 Ea, Strong Xenon Super Trooper, 2K

## DRESSING ROOMS

12 Dressing Rooms available, accommodations for about 100. All equipped with lighted table mirrors, utility outlets and one full length lighted mirror, plus built in hanging racks. Phone outlets are installed in all dressing rooms.

### Stage Level

Dressing Room #	# of People	Bathroom & Shower	Wheelchair Accessible	Other
401	1	✓	✓	
402	1	✓		
403	1	✓		
404	1	✓		Sofa

### Wardrobe Level

Dressing Room #	# of People	Bathroom & Shower	Wheelchair Accessible	Other
601	2	✓ shared w/ 603		
602	2	✓ shared w/ 604		
603	2	✓ shared w/ 601		
604	2	✓ shared w/ 602		
605	20	✓		

## Chorus Level

Dressing Room #	# of People	Bathroom & Shower	Wheelchair Accessible	Other
701				Storage
702	20	✓		
703	20	✓		

## Traps Level

Dressing Room #	# of People	Bathroom & Shower	Wheelchair Accessible	Other
	20	✓		

## WARDROBE ROOM

Located on Wardrobe level, accessible via elevator and stairs, two washers and two dryers.

## MUSICIANS' LOUNGE

Musicians' level (traps). Bathroom and shower, sofas, tables and lockers. Generally, one for men and the other for women.

## REHEARSAL ROOM

50' x 70', sound-proofed with one mirror wall and ballet barre.

## LOADING DOCK

- Door A: 14' high x 9'10" wide, 48" above ground.
- Door B: 8' high x 9' wide, 44" above ground. Dock Board available.
- Dock is on the sidewalk and very close to the street. Trucks blocking the sidewalk must move before the show begins. Loading or unloading semis that block traffic lanes is forbidden between 7am and 9am.

## Backstage Freight Elevator

- 10' long x 7' wide x 7'6" high.
- Door is 5'6" side x 7' high. Capacity is 8000 pounds.
- Located stage left with access to all dressing rooms, traps and rehearsal room.

## FLY SYSTEM

Fly system is double purchase counterweight. The fly floor is 32 feet above the stage left deck and accessible from the wardrobe level. The grid and loading bridge are accessible from the fly floor level via a circular stairway. A middle loading bridge is accessible from a ladder on the fly floor.

**NOTE: Most system pipes are 2-3/8' in diameter.**

## Grand Curtain

Operates as a guillotine from stage left deck or fly floor, or as a traveler from stage right.

## System

- Double purchase counterweight.
- Pipes are 70' long, travel is 77'.
- 66 linesets at 8" centers with 5 lift lines per set.
- Arbor capacity is 900 lbs. iron or 1100 lbs. lead.
- Weight available is 25,900 lbs above pipe weight.
- Loft blocks are movable.
- 14 spot wheels available.

***NOTE: Most system pipes are 2-3/8' in diameter.***

## ORCHESTRA SHELL

- Ceiling pieces are permanent. In storage position, they are at the following distance from the plaster line:
  - #1, 9'8" to 11'
  - #2, 23'8" to 25'
  - #3, 34'8" to 35'4"
- The following linesets are blocked by the ceiling pieces in storage: 10,11,12,30,31,32,45,46  
See line schedule for more information.
- Shell towers are on casters and generally store upstage against the back wall.

## HOUSE DRAPES

- Gypsy Red velour Grand Curtain
- 5 sets of black legs, sewn flat
- 5 black borders, sewn flat
- 2 black backdrops
- 1 black scrim
- 1 white scrim
- 1 natural bounce/cyc

## RISERS

- 16 Ea. 4' x 8' platform tops
- 16 sets of legs in 8", 16", 24", and 32" heights
- Skirting available

## ELECTRICAL

**House plot available upon request**

### Road Switch

- Switch A, 3 phase, 400 amp 4 wire + ground for portable dimmers.
- Switch B, 3 phase, 400 amp 4 wire + ground, extra.
- Switch C, 3 phase, 400 amp 4 wire + ground, extra.
- Switch D, 3 phase, 200 amp 4 wire + dedicated ground for sound.
- Switch E, 3 Phase, 200 amp 4 wire + ground, extra.
- Switches D + E are stage left.
- Switches A, B, and C are stage right.
- Light Booth power is 2 disconnects, 3 phase, 50 amp 4 wire.

### Front of House

- All FOH circuits transfer.
- Cove 60' from proscenium, 80' wide with 24 circuits.
- Box Boom 1 house left 40' from proscenium with 12 circuits.
- Box Boom 2 house right 40' from proscenium with 12 circuits.
- SR horizontal rail is 50' from proscenium with 8 circuits in front of box seats.

- SL horizontal rail is 50' from proscenium with 8 circuits in front of box seats.
- Transfer circuits are 20A stage pin located on SR side wall next to road switch.
- Transfer switches and circuit breakers are nearby.

## FRONT OF HOUSE EQUIPMENT

- Front of House fixtures are removable.
- The cove lighting is grouped due to the pod configuration of the acoustically adjustable ceiling.
- Cove is equipped with 24 Source Four 10° fixtures.
- 5° lens tubes are available.
- Box Boom left and right are equipped with 14 each Source four 19° fixtures, on twofers. The bottom 3 pairs of fixtures are Nexeras.
- Portable balcony rail can be mounted on face of mezzanine and temporary circuits run with multi-cable.
  - Two Clay Packy Alpha 700 fixtures are mounted in the ceiling L+R near the cove.
  - Two Mac Quantum Wash fixtures are mounted beside the Clay Packy fixtures.

## Follow Spots

4 Xenon 2,000 watt Super Troopers. Two in the sound and lighting control booth locations, 160' from proscenium. Movable. Two in cove pods, not removable.

## Light Fixtures

- 24 Source Four with either 5° or 10° lens, mounted in Cove
- 28 Source Four 19°, mounted in FOH box booms
- 70 Source Four 36°
- 110 Source Four 26°
- 24 Source Four 50°
- 120 Source Four Par with Lens Kit.
- 12 MoleFar Cyc-strips, 3Ckt, 1000W
- 24 Strand Orion Ground Row 1000W
- 24 8" Fresnel
- 24 Source IV Iris Unit
- 12 Nexera Color Changing Fixtures, mounted in FOH box booms
- 4 Quantum Wash fixtures, two in FOH ceiling

## Cable and Multi Cable

- Veam 6 circuit
  - 10 25'
  - 2 50'
  - 3 75'
  - 4 100'
  - 2 125'
  - 12 Breakout
  - 21 Breakin
- Stage Pin jumpers
  - 10' 75
  - 15' 25
  - 50' 60
  - 75' 5
- Stage Pin Twofers 140

## Dimmers, House Circuits and Control

- 300 Strand dimmers, 2.4K, dimmer per circuit
- 48 Strand dimmer portable rack
- ETC Ion 2X20 in booth with wireless remote, networked to backstage
- ETC Fader Wing with Puck backstage
- 22-6 circuit multi cables drop from the grid stage right for overhead circuits.
- 16-4 circuit floor pockets for deck circuits
- House hang is 3 electrics with 12 ETC Par fixtures
- These electrics are removable but are part of the house restore plot.

*NOTE: Most system pipes are 2-3/8' in diameter.*

## SOUND EQUIPMENT

### Main Source Equipment

- FOH Mixer is a Venue Profile, 48 channels.
- Monitor Mixer is a Yamaha LS9-32
- Main speaker system is a D&B Qi1 vertical line array with 10 Qi1 loudspeakers per side, flown left and right + 2 center
- 4 D&B J Subwoofers
- 4 D&B Q7 loudspeakers - can be used for front or side fill
- 16 D&B 4S loudspeakers for front fill
- 8 EAW 200 monitor wedges

### Balcony Fill Speaker System

- d&b Qi7 speakers on delay

### Under Mezz System

- d&b E8 speakers on delay

### Stage Monitor System

- Yamaha LS9-32
- EAW SM200IH Monitor speakers 8
- QSC PLX 2402 Amplifiers

### Microphones

• Shure	SM 57	10
• Shure	SM 58	20
• Shure	Beta 87A	4
• Shure	UHFR	8
• Sennheiser	MD 421	4
• Sennheiser	MD 441	4
• AKG	C 391	3
• AKG	C 414	6
• DPA	4099P	2
• Meyer	M88	6
• EV	RE-20	2
• EV	4060	4

## Road Console Guest Mix Position

Located on Mezzanine crossover, no seat removal necessary. For rear orchestra position, seat removal is necessary. 250' mult run from either position to stage left. House system access is from mezzanine position or backstage left.

## Communications

Stage Manager's console stage right has paging system for dressing rooms and musicians' lounge. Show feed can be sent to the dressing rooms from this location.

## Intercom

Lines run to light and sound booth, follow spot pods, stage left and fly floor.

- 12 Portable radios with speaker microphone
- 8 Wireless headsets, 4 belt pack type, 4 headset type.
- Hearing impaired FM system

### CONTACT INFORMATION

#### Administrative Office

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832.487.7057 Amanda DeWalt, Event Manager

#### Director of Backstage Operations

Chip Purchase

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#### Stage Manager

Cory Grant

832.487.7066

713.530.4021

#### Stage Door/Security

713.238.2384

832.487.7062

#### Street Address

Jones Hall

615 Louisiana St

Houston, TX 77002

#### Mailing Address

Houston First Theatres

Jones Hall

P.O. Box 61469

Houston, TX 77208

#### Food and Beverage

Aramark

713.853.8194

#### IATSE Stagehands Local 51

713.697.3999

#### Local Telephone Service

800.499.7928

#### Greater Houston Convention and Visitors Bureau

713.437.5200

