

The Grand 1894 Opera House
Galveston Island, Texas

Technical Package

Updated – July 2016

This compilation has been created to fulfill all requests for technical information from production companies and or renters who seek technical and structural details needed to advance plan events. Our intention in this creation is to anticipate the standard of information contained in the majority of production questionnaires presented to The Grand. In the event, the information you require is not contained within this compilation. Direct all technical and structural questions to:

Jeffery M. Pye

Technical Director

IATSE #51

Business (409) 770-5071

Cell (409) 771-3822

Fax (409) 766-1546

Email: jpye@thegrand.com

Please contact me with any advance technical information for all departments. For the sake of efficiency, please, allow me to organize and pass along technical details regarding your production to House Department Heads. Catering and hospitality are handled by House Manager Marie Armstrong 409-770-5054. Hotel and travel arrangements are handled by Executive Director Maureen M. Patton.

Please contact the business office.

The Grand 1894 Opera House
2020 Postoffice Street
Galveston, Texas 77550
Website: www.thegrand.com

Maureen M. Patton

Executive Director

Email: mpatton@thegrand.com

General Information

Business Office Phone

409-763-7173

409-763-1068 (office fax only)

Box Office Phone

409-765-1894

800-821-1894

Production Office Phones

409-766-1546

409-763-1862

Directions to The Grand:

Interstate 45 South from Houston to Galveston Island. Interstate becomes Broadway. Continue on Broadway to 21st Street. At the traffic light turn left. Continue 5 blocks to Postoffice street. Turn right to find The Grand on left hand side. Continue 2/3 down the block to find double door loading dock.

Parking Policy:

Tractor trailers may park at the dock. Overflow on Postoffice St. Crew and cast buses may park, with the engines off, at the barricaded area on north side of street **ONLY**. Shore power hook up is available.

Trailers may stay at the dock for the run of the show but tractors must be unhooked and parking of the tractors are the responsibility of the transportation/production company. Overflow trailers will be accommodated. South side of Postoffice street parking is prohibited due to The Galveston Transit System Trolley traffic. **You will be towed at your own expense.** The Grand loading dock is patrolled by a local towing company; therefore, any and all personally owned vehicles are subject to towing at owner's expense, unless proper authorization and necessary permits are obtained.

(See Jeffery M. Pye, **ONLY**, for authorization and permits)

Parking permits must be returned at the end of the run without fail.

Garbage dumpster must not be blocked under any circumstances.

The Grand can and will accommodate any scenario, as long as we have enough advance notice to make the necessary arrangements.

Truck Loading:

Entrance from Postoffice Street

Room for 2 Tractor-trailers at 2 loading dock doors

Loading dock is 50' off the ground. Doors are 8'5" wide x 9' tall

Ramp up 10° incline to work/storage area (19'w x 27'l x 22'h)

90° left turn to stage entrance (5'11" w x 10'h)

Labor:

All labor is provided by The International Alliance of Theatrical Stage Employees

Stage: IATSE, Local #51 Houston/Galveston Chartered May 1899

Wardrobe: IATSE, TWU #896 Houston/Galveston Chartered January 1979

All labor arrangements must be made through Technical Director. No exceptions.

The Grand 1894 Opera House

General Information

Stage Dimensions:

Proscenium Opening – 38'w x 27'h

Plaster Line to back wall – 36'

Plaster Line to furthest upstage line set – 32'

Plaster Line to lip of stage (thrust) – 4' @ center / 1' SL and SR

Grid Height – 59'

Stage Playing Area – 40'w x 32'd

Wing Space – 16'w x 36'd SL / 16'w x 36'd SR (obstructed by switch gear 2' x 5')

SL Wall to SR Wall – 72'

Upstage crossover – 4'

Note: Over each wing, beginning 2' from proscenium, there is a working platform that extends to the side walls and from the proscenium to the back wall. This working platform is 22'6" from stage deck. This means that the maximum width of all flying pieces is 42'. These platforms are the fly floor on stage left and the dimmer room on stage right. The platforms are joined together by a cat walk, 22'6" from stage deck 32' from plaster line and is 4' wide.

Orchestra Pit:

The Grand is equipped with a mechanical spiral drive orchestra pit. The pit has 100% variable stopping points. Maximum depth level of the pit is 7' 1-1/2". The dimensions of the pit are 8' depth @ center, 2' depth SL and SR. Overall width is 38' extending from proscenium left to proscenium right. The pit can be seated with 32 seats.

Lifts / Ladders / Scaffolding:

JLG AM-24-DC "Access Master" 24' battery powered man lift (maximum reach height 30' average)

24' A-Frame ladder (on wheels)

Various height stepladders

Aluminum scaffold 7' deck with 7' extensions (14' maximum deck height)

Fly System:

Hemp (Multi-line II 3 strand twisted polyester) integrated with double purchase counter weights. See attached rigging schedule for details.

Dance Floor:

The Grand has a 40'w x 32'd Rosco dance floor (Marley)

Rehearsal Room:

40'w x 32'd. This room is above backstage storage/shop area and is also designated Dressing Room #6.

Production Office:

Under stage – For use by Production/Company Managers. Phone # 409-763-1862

Notes:

Because console operators will be in full view of patronage. We require the technician to wear appropriate attire. Absolutely no sleeveless shirts, shorts or hats.

The Grand 1894 Opera House

General Information

Wardrobe:

Washing machine & Dryer; no cost operation.

Irons, ironing boards, steamers, and sewing machines are available.

All dressing room areas are equipped with air conditioning and heat, fluorescent, as well as incandescent lighting with dimming capabilities, full-length mirrors, make up counters, clothing racks and trash receptacles.

Dressing Rooms:

All dressing rooms have access to restrooms and showers. All dressing rooms have running water except Dressing Room #5.

Dressing Room #1 – Star Dressing Room – Private restroom, shower and makeup counter with running water sink; wet bar with ice machine, microwave, coffee maker and a private sitting area with television. Located on stage level outside stage entrance.

Dressing Room #2 – Under stage – 4 people

Dressing Room #3 – Under stage – 4 people

Dressing Room #4 – Under stage – 4 people

Dressing Room #5 – Under stage – 10 people

Dressing Room #6 – Above loading dock and shop area – 20 People

Communications:

Backstage paging system which addresses all dressing areas, shop, loading dock and business office.

On stage monitoring system that broadcasts performances backstage via closed circuit.

Clear Com Wireless and wired with 10 potential stations for technical communication. Included are 6 permanent stations in the following departments: stage manager, sound booth, lighting console, fly rail,

2 spots and main curtain.

Walkie-talkies are available but not recommended due to marine traffic in the area.

Internet (wireless capabilities), photo copier, fax machine, computers, printers and telephones available.

Antenna broadcast television (Houston stations), closed circuit television and satellite television.

The Grand has wireless internet access available for traveling production personnel.

Curtains:

Line set * -Painted (Staley) Curtain – fly only/ Permanent Install

Line set 1 -Main Act Curtain (Red) – fly or travel/ Permanent Install

Both curtains are operated from stage level SL (single purchase) traveled from SR.

See page 9 for more details.

Security:

Security lighting and surveillance cameras.

Magnetic lock on stage door with remote release, video camera on door and squawk box for communication.

The Grand contracts security officers from The Galveston Police Dept. for all performances.

The Grand 1894 Opera House

Electric Department
Rusty Wheeler
Head/House Electrician
IATSE # 51

Electrical Service:

Location: Stage right wall

3 – 208 volt, 400 amp, 3 phase disconnects.

(1 is an isolated ground designated for sound use only)

Stage Dimming:

Location: Loft over Stage Right wing (22'6" over deck)

2 Full Strand Century CD 80 Racks/ Johnson Systems Inc. digital upgrade

192 - Strand Century CD 80 2.4K (D/D)

6 - Strand Century CD 80 2.4K (4;D/N – 2;N/D)

Control:

Location: Grand Tier enclosed booth (House right)

ETC Ion 1000 Universal Fader Wing 2x20 Remote Focus Unit Extra DMX 512 Stage Right

Circuiting:

See attached provisions

House Lighting Control System:

ETC Unison

Strand Century CD Dimmers

Johnson Systems Inc. digital upgrade

Master Programming Control Panel – Down Stage Right (Stage Manager)

#1 Control Panel - Lighting console booth (Board Operator)

#2 Control Panel – Orchestra Level Lobby (House Manager)

Notes:

Any traveling attractions that use a stand-alone electronic dimming and control systems are encouraged to place lighting console behind Orchestra Level seating area (see attached Seating Plot) 150' from recommended placement of dimming rack Stage Right wing; next to 400 amp 3 phase electrical disconnect service.

Interface with stage dimming and DMX control are available to any traveling attraction that travels with stand-alone dimming systems or to control House FOH lighting

Follow Spots

3 – Strong Xenon Super Troopers Long Throw (1600 watt)

1 – Strong Xenon Super Trooper Medium Throw (1600 watt)

Location: Grand Tier Spot Booth (center house; up) Grand Tier Spot Booth (center house; down)

70° - 40° throw, up, to 65° - 35° throw, down. See attached provisions for more detailed information.

The Grand 1894 Opera House

Electric Department
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Par 64:

128 – 1000 watt Wide Flood(M, N & VN limited to inventory)

8 – 1000 watt ACL

Altman Fresnels:

16 – 8” 1000 watt

4 - 6” 1000 watt

Altman: 575 watt

ETC Source 4

38 – 6x9

7 - 10° 16- 36°

72 – 6x12

40 - 19°

30 – 6x16

12 - 26°

Altman Scoops:

12 – 14” 1000 watt

Altman Strips (Cyclorama Lights):

4 - 6’ 1000 watt 8 cell / 4 color (2 cells per color)

8 Boom bases; Various Boom Pipes

Various inventories of Cheese boroughs, side arms and cross pipe

Side light:

6 – Towers

City Theatrical Strobe Lights:

2 – 1000 watt / 220 volt DMX controlled

Fog Machines:

2 – City Theatrical Aqua Fog Machines, Dimmer controlled fans / Non dim controlled heaters

Rosco Mirror Ball 24” with Motorized Rotation

Rosco, Lee and Gam gel inventory (upon request)

GOBO / Pattern inventory (upon request)

Inventory of frames, irises, gobo holders, donuts, top hats and barn doors

Inventory of turn around, stingers, 2-fers, hot patch whips and misc. adaptors

Inventory of music stand lights and all necessary electrical patch cords

Inventory of various footage stage pin to stage pin patch cables

Quad Boxes and various lengths of extension cords

The Grand 1894 Opera House

Sound Department

Jim Hallene

Head/House Audio

IATSE # 51

Electrical Service:

Location: Stage right wall

3 – 208 volt, 400 amp, 3 phase disconnects.

(1 is an isolated ground designated for sound use only)

Mixing Console:

Location: Mezzanine open booth (House center)

Soundcraft SI2 48 channel console (Main mix, 4 Sub mixes, 2 On-stage auxiliary sends)

22 Microphone channels (1>8 SR) – (9>22 SL)

Any traveling attractions that use a stand-alone P.A. system are encouraged to place mixing console behind Orchestra Level seating area (see attached Seating Plot) 150' from Stage Right wing; 208 volt, 400 amp, 3 phase electrical disconnect service with an isolated ground.

House P.A.:

Location: SL and SR of Proscenium

JBL VRX 932 Line Array.

The Grand does not have a cluster because of nonexistent rigging points in the house. Therefore, no traveling attraction or rental will be given permission to hang a cluster.

Any traveling attractions that use a stand-alone P.A. system are encouraged to place the speakers on SL and SR lip, onstage of proscenium.

Amplification:

4 – Crown Xti 6002 4 ohms Mains

2 – Crown Xti 4002 4 ohms Monitors

Stage Monitor System: (Mobile P.A. System)

Location: SR only

Soundcraft si compact 32 (10 mixes)

30 inputs.

5 – QSC RMX 1450 Amplifiers

3 – Rane stereo 1/3 octave equalizers

8 – JBL MRX 500 Monitors

4 – JBL MR Series Monitors

2 – JBL 4612B Monitors

2 – JBL 46120K Monitor

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Sound Department
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Head/House Audio
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Microphones:

8 – Shure ULX Series hand held and lavalier wireless mics
5 – Shure SM58
5 – Shure SM57
2 – AT 4033a condenser mic
2 – AT 3031 condenser mic
4 – AT 871 boundary mic
1 – PZM 180 boundary mic

Playback:

Denon 4500 Dual CD

Projection:

Sharp XG-P560W 6000 Lumens (Can Be Flown)
Multiple Signal Inputs
.80 Fixed Lens
1.5-1.8 Zoom Lens
1.8-2.25 Zoom Lens
3.0-4.5 Zoom Lens
DVI over Cat 6 Extender
Projection Computer: Dell Laptop w/Windows 10 Operating System
TV One Scaler
TV One Dual Monitor splitter
2 Video Monitors
Multiple cable types DVI, HDMI, Cat 6 and Adapters
17' x 10' HD Front Projection Surface w/ Frame and Frame Stand (Can Be Flown)

Miscellaneous:

6 – Direct boxes. Multiple Stands, Booms, Cords and Cable.