

Greenville Texas Municipal Auditorium Technical Description – October 2011

General Information/Location/Capacity

2821 Washington St. Greenville, TX 75401

1930s vintage hall, stage is on second floor

Auditorium also houses city offices, generally open 8:00AM to 5:00PM, Monday thru Friday

Load-in elevator (8' X 6'9") at back of auditorium on Pickett St., Capacity 4,000 pounds

Load in door is 8' wide X 10' tall (roll-up style, can be noisy if windy outside)

Seating capacity approximately 1700 (1100 main floor and 600 balcony)

Non-Union

Non-Smoking by city ordinance

No alcohol by city ordinance

Contact AL Swanson for technical questions 903-454-6933 Hm, 903-457-5658 Wk, 903-456-1540 Cell

Stage Layout (see attached sketch)

Proscenium Opening: 40ft wide by 19ft tall (15ft height to bottom of fixed border curtain)

Main Stage Depth: 30ft from audience side of proscenium to back wall

Stage Apron: 46ft wide by 12ft deep at center (curved downstage lip, 8ft deep at sides)

Cross Over: depends on which batten upstage curtain is hung, none behind cyc, cross-under possible

Wing Space: 5ft SR (limited by fly rail system), 12ft SL obstructed by Grand Piano & column

Stage floor: Oak T&G, apron floor on wooden floor joist system, main floor set over concrete

Orchestra Pit: 40ft wide, 5ft 8inches deep at center, 10ft deep at sides, floor sunken about 12inches

Curtains/Masking

Main Curtain: Maroon Velvet, motorized horizontal, controls back stage (15 seconds to open or close, can be stopped at any point) follows a curved path about 2ft upstage of stage lip

Traveler: White fabric, just upstage of proscenium pillars, rope and pulley actuated

Note: stops 4" short of floor, has had ugly black felt pinned to its bottom since 1991

Flying Curtains: Two full black pleated heavy material (see batten schedule)

Flying Cyclorama: 35 feet wide by 18.5 feet tall, light blue, weighted at bottom

Fixed Border: Maroon Velvet, 4 feet tall

Flying Border (Teaser): Black pleated fabric, 5 feet tall

Flying Legs: Five black pairs (see batten schedule) pleated 6 feet wide, can track in/out & rotate

Bare Wire Power

SR Downstage wall: 3 phase X 200A box and 3 phase X 100A box

SR Upstage wall: 2 phase X 100A box and 2 phase X 50A box

Dressing Rooms

Stage Left: Small dressing room for up to 4 people with private bathroom, mirrors, & heater.

Stage Left: Large dressing room for up to 50 people down short hall, with private bathroom.

Stage Right: Small dressing room for up to 4 people with adjacent bathroom, mirrors, & heater.

Flying Batten System

Type system: Hemp rope, counterweighted, operated from stage floor level

Number and Type of Battens: Twenty 40ft long X 1.75inch diameter steel pipes

Working Height of Grid: 40ft (catwalk at 20feet)

Capacity of each line after balancing: 500 pounds

Distance from Downstage Lip of Stage to First Set: 14feet (just inside proscenium opening)

Distance from Downstage Lip of Stage to Last Set: 39feet 4inches (against upstage wall column)

Batten Spacing: 16inches

Batten Schedule

Line Number	Distance from Upstage Side of Proscenium Opening	Used For	Notes
1	0	Black Border	5 feet tall
2	16 inches	1 st Electric	
3	32 inches	Leg #1	
4	48 inches		Free
5	64 inches	Leg #2	
6	80 inches		Free
7	96 inches	2 nd Electric	
8	112 inches	Leg #3	
9	128 inches		Free
10	144 inches	Full Black Curtain	
11	160 inches	Orchestral Shell	
12	176 inches		Free
13	192 inches	Leg #4	
14	208 inches	3 rd Electric	
15	224 inches	Leg #5	
16	240 inches		Free
17	256 inches	Full Black Curtain	
18	272 inches	Strip Lights (f/cyc)	
19	288 inches		Free
20	304 inches	Cyclorama	

Lighting System

House lighting: on separate dimming controllers at FOH position & backstage

Theatrical Dimming & Control System: Lehigh Wave 120 Controller

30 channel 2-scene or 60 channel single scene manual operation, 120 submaster memories, 580 cue memories, 48 effects, USB interface, controls up to 512 dimmers (only have 67 available)

Flying Electric Pipe Battens: (see batten schedule for location) all receptacles 30A round twist lock

1st Electric: 18 receptacles, (9 dimming circuits, 2.2kW each)

2nd Electric: 14 receptacles (7 dimming circuits, 2.2kW each)

3rd Electric: 14 receptacles (7 dimming circuits, 2.2kW each)

Flying Strip Lighting for Cyc: 4 Color (RGBY) 150W floods behind colored glass lenses

8 dimming circuits (2 for each color)

Back Wall Pockets: 8 receptacles, 4SL & 4SR, (4 dimming circuits, 2.2kW each) odd 3 prong

Apron Down Lighting: Architectural fixtures, part of house lighting, not on theatrical system

Side Booms:

1st pipe set: even with apron lip, bottom is 10ft above floor, top is 30ft above floor

8 receptacles each side (8 dimming circuits paired left & right, 2.2kW each)

2nd pipe set: 15feet further out in house, bottom is 15ft above floor, top is 35ft above floor

8 receptacles each side (8 dimming circuits paired left & right, 2.2kW each)

Front of House Lighting Positions:

1st pipe set: even with balcony railing, bottom is 4ft above balcony floor, top is 12ft above floor

4 receptacles each side (8 dimming circuits independent left & right, 2.2kW each)

2nd pipe set: 5feet further back, similar pipe height

4 receptacles each side (8 dimming circuits independent left & right, 2.2kW each)

Fixture Inventory: (all fixtures have color frames, no fixtures accept GOBOs)

6 - 8inch long throw ellipsoidals, 1000W, used for FOH lighting from balcony

8 - 6inch Lekos, 750W

8 - 6x9 Ellipsoidals, 575W

4 - 6x16 Ellipsoidals, 575W

12 - 6" Fresnels, 500W

24 - PAR56, 500W

12 - Scoops, 1000W

Follow Spots: 2- HMI Comets at Balcony rail, 500W

Miscellaneous:

One light duty fog machine, more of a hazer

One multicolor Sound Activated Halogen Moving Moon Flower "Party" fixture

Two Red & Green LED Sound Activated Moving head Moon Flower fixtures

One small Mirror ball with motor

Several extension cords for 30A round twist lock receptacles

A few adapter cords for odd receptacles in back wall pockets

Three "Two-fers" or splitters with 30A round twist lock receptacles

Two sets of pipe stands suitable for rigging foot lights (use side boom dimmer circuits)

Several wooden floor stands for rigging "Up Lighting"

Audio System

Central Cluster Loudspeaker System designed specifically for the room & professionally installed
Signal passes through one side of a dbx 260 Drive rack unit for equalization & then a Xover

Balcony coverage (600 seats)

2-HF Loudspeakers (Altec 299-8A drivers w/MR42B Mantaray Horns)

Driven by Altec 9442A Amp w/150 Watts

1-LF Loudspeaker (Altec 515-8G Driver and 816B Enclosure)

Driven by Altec 9442A Amp w/100 Watts

Main Floor coverage (800 seats)

2-HF Loudspeakers (Altec 299-8A drivers w/VTI Mantaray Horns)

Driven by Altec 9442A Amp w/150 Watts

2-LF Loudspeakers (Altec 515-8G Drivers and 816B Enclosures)

Driven by Altec 9442A Amp w/100 Watts each (200 W total)

Under-Balcony System (200 seats)

6-Duplex Loudspeakers digitally delayed from cluster (Altec 920-8B)

Driven by Altec 9442A Amp w/150 Watts

Signal passes through one side of a dbx 260 Drive rack unit & a digital delay

Front Fill System (100 Seats)

4-QSC I-82H (8" 2 way low profile 8Ω rated for 200W)

Driven by 1-Altec 9444A Amp w/150 Watts per speaker (600 W total)

Signal passes through one side of a dbx 260 Drive rack unit

Sub-Woofer System

1 JBL SRX728S (dual 18s) driven by 1 bridged QSC RMX 1850HD (1800 W)

On-stage Monitor System

4-Yamaha BR15M Wedge speakers and 2 EV FM1202 ER Wedge speakers

Driven by 2 QSC RMX1850HD Amps (Four Channels @ 300W per channel @ 8Ω)

Each of 4 monitor mixes passes through one side of 2 dbx 260 Drive rack units

Mixer: (located in center of main floor, 58ft from orchestra pit)

Allen & Heath GL2400-32 (32 channels w/4 monitor mixes & 2 other Aux sends)

Effects: 1-dbx 1046 4 ch. Compressor, 1-dbx 1231 Dual 31 band EQ, 2-Lexicon MX200 Effects

Microphones & Stands:

4-Shure Beta 58A Solo vocal Mics

3-Shure SM58 Solo vocal Mics

4-Shure SM57 Instrument Mics (plus 3 more in drum mic kit listed below)

4-EV N/D 257 Solo vocal Mics

4-EV CS15P Cardioid Condenser Mics

4-Crown PCC-160 Boundary (Floor) Mics

1-Shure Drum Mic kit DMK57-52 (includes 3 SM57 Mics, 1 Beta 52A Mic, 3 rim mounts)

1-Shure PGX4/SM58 Wireless UHF Handheld system selectable Freq. 524-542 Mhz

1-Shure PG4/SM58 Wireless UHF Handheld system selectable Freq. 536-548 Mhz

2-Audio Technica ATW-1451 Wireless UHF systems (2 lavalier mics and 1 handheld mic)

Fixed frequencies 744.10 MHz & 744.85 MHz

2-Audio Technica ATW-202 wireless Hand Held VHF systems 170.245 MHz & 171.905 MHz

4-Audio Technica ATW-2110 wireless systems (4 AT-831CW lavalier mics)

True Diversity UHF w/ 10 selectable frequencies: 656.125 MHz - 678.500 MHz

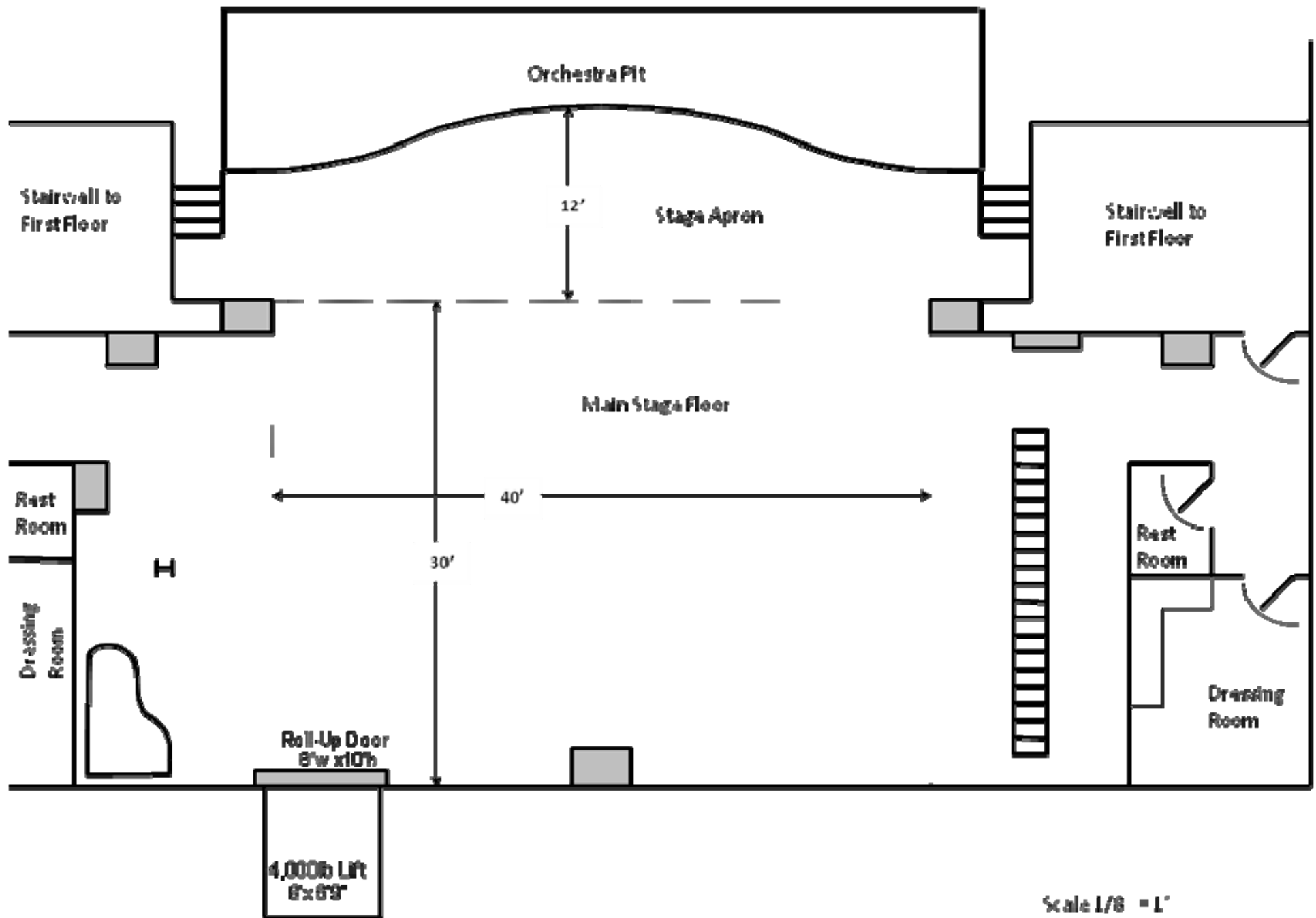
8-Atlas Mic stands with Boom attachments (4 telescoping, 4 fixed length adjustable)

4-Peavey Straight Mic stands & 3 Atlas Short straight stands (for guitar amps or kick mic)

CD/MD Player/Recorder: TASCAM model MD-CD1

Intercom System: Hard Wired Telex with 10 belt-packs & headsets

Direct Boxes: 4-Whirlwind IMP2 (standard passive DI boxes)



Scale 1/8" = 1'
 Drawn by: AL Swanson
 Date: 6 March 2009