

# BARTLESVILLE COMMUNITY CENTER

300 S.E. ADAMS BLVD. BARTLESVILLE OK. 74003 918-337-ARTS

## STAGE TECHNICAL DATA

As of 12/17/13

**Managing Director: Val Callaghan**

**Technical Director: Bill Cheverton**      **918-337-2787, ext. 23**  
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**Seating: 1,704-Continental**      **House Crew: Non-Union**

### I. STAGE FLOOR:

$\frac{3}{4}$ " MDF on top of wood sub floor on sleepers, painted flat black.

Floor may not be painted.

Any type of attachment to floor (lag bolts, stage screws, screws, etc...) must be approved by the Technical Director in advance, and all holes must be plugged and sanded during strike.

NOTE: Circus trusses may NOT be anchored to stage floor. You must use stage weights for anchor points.

### II. STAGE DIMENSIONS:

#### A. PROSCENIUM:

Opening is adjustable via independent sliding proscenium panels

Width      Min. 40'-0"

Max. 60'-6"

Height      30'-0"

#### B. FROM CENTER LINE TO:

Stage right wall      76'-8"      Available SR wing space is approx. 40'Wx30'D + scene shop 12'x20'

Stage left wall      48'-0"      Available SL wing space is approx. 16'Wx35'D

#### C. PLASTER LINE TO:

Grand drape      2'-6"

Furthest up stage line set      32'-7"

Orchestra Shell in storage      33'-0"

Down stage edge of apron at center      11'-0"

Down stage edge of orchestra pit lift  
at center      22'-0"

Rear wall of house on center      120'-0"

Cove Lighting Position      72'-0"

#### D. FROM DECK TO:

Grid iron      62'-0"

Bottom of fly rail      17'-9"

S. L. work lights & sprinkler heads      13'-4"      **Note: Work lights and sprinkler heads are**

Counterweight loading floor      52'-0"      **beneath fly rail.**

#### E. HOUSE FLOOR LEVEL:

Stage deck to floor at row "A"      (-) 2'-10"

Stage deck to floor at row "ZZ"      (+)20'-0" (approx.)

**III. ORCHESTRA SHELL:**

A retractable acoustical orchestra shell is stored against the rear wall of the stage. When fully extended, it attaches to the proscenium giving a fully enclosed stage with approximately 1,980 sq. ft. The shell measures 30' high by 60'-6" wide down stage, tapering down to 18'-6" high by 38'-4" wide up stage and is 40' deep. It has built in overhead lighting and an air circulation system.

Use of the orchestra shell is by prior arrangement only!

**IV. ORCHESTRA PIT LIFT:**

The Pit area is approximately 660 square feet, measures 11ft. deep by 60ft. wide (curved), and will support up to 30,000 lbs. The lift operates on screw jacks and has 5 preset stopping stations:

Stage level	0'-0"
Audience level	(-) 2'-10"
Orchestra pit level	(-) 7'-8"
Trap room level	(-)13'-4"
Studio Theatre level	(-)19'-4"

NOTES: Due to the noise during operation, the lift should not be moved during performances.

Access to pit at "Orchestra Pit" level is from basement, 2 doors, 1 L and 1 R.

Pit at Audience level can fit additional 84 padded, armless chairs for audience seating.

Pit at Orchestra pit level can accommodate approximately 35 musicians.

**V. STAGE RIGGING:**

Please see attached line set schedule.

Please note: All line sets are double purchase except house electric #'s 1, 2, 3 and 5 and the main drape.

**Motor Rigging:** All motor points **MUST** be rigged through the wells. Wells are one foot wide and are located as follows: 0' -0" (center stage), 11' -0", 22' -0" and 30' -0" L and R of center. The wells start at 3' -1" up stage from plaster line and continue to 32' -0" up stage. Due to the design of the grid, no motor points may be rigged down stage of the 3' -1" mark (4' -0" if using our main drape).

**There are no points available for sound or FOH trusses.**

Grid Height	62'-9" (we use/supply 1-1/2" schedule 80 pipe for points)
Top of High Steel	72'-3" (1 ton motors must rig to high steel)
Bottom of High Steel	70'-3" (6 - 2 ton beam clamps available)

**VI. SOFT GOODS:**

Grand teaser	17' x 63'
Grand drape	33' x 63'
(Teaser and Grand drape are rust colored Saluda with 100% fullness. Grand drape can guillotine or travel.)	

Four Black Borders (Flat)	12' x 73'
Four Sets of Black Legs (Flat)	28' x 16' -6"
One Set of Black Side Tabs (Flat)	28' x 8"
Two Black Travelers (Flat)	27' x 63'
(All black goods are of velour material.)	

Cyclorama, bleached white, seamless muslin	28' -6" x 63'
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One Black Sharkstooth Scrim	28' x 63'
One White Sharkstooth Scrim	28' x 63'

Projection screen	18'H x 24'W
R.P. screen	20'H x 40'W

## VII. STAGE LIGHTING / ELECTRICAL:

Note: Any changes to standard lighting plot must be approved prior to production and must be restored during strike of production, (this includes refocusing).

### A. LIGHTING INSTRUMENTS:

<u>Instrument type</u>	<u>Wattage</u>	<u># of units</u>	<u>Frame Size</u>
Zoom 15° to 30° (Source 4) <u>FOH ONLY</u>	750	40	7 ½ X 7 ½
Zoom 25° to 50° (Source 4)	750	8	7 ½ X 7 ½
5° Ellips. (Source 4)	750	2	14 X 14
10° Ellips. (Source 4) <u>FOH ONLY</u>	750	6	12 X 12
Ellips. Body (Source 4)	750	80	
10° Lens Tube (Source 4)		2	12 X 12
19° Lens Tube (Source 4)		10	6 ¼ X 6 ¼
26° Lens Tube (Source 4)		8	6 ¼ X 6 ¼
36° Lens Tube (Source 4)		54	6 ¼ X 6 ¼
50° Lens Tube (Source 4)		21	6 ¼ X 6 ¼
40° Ellips. (ColorTran)	1K	26	7 ½ X 7 ½
8" Fresnel (Altman)	1K	15	10 X 10
6" Parnel (Source 4)	750	60	7 ½ X 7 ½
Alltman Far Cyc (4 cell)	1500	5	15 ½ X 15 ¾
Ground Row (4 color, 8 cell, Kliegl)	500	10	8 ¾ X 9
Mini Strips (3 color, 8' units)	MR16, 75w, 12v	5	3¼ X 4¾
Lycian M2 follow spots (primary)	HMI 1200w	2	6
Ultra Arc II follow spots (secondary)	HTI 400w/24	2	6
Elation Design Spot 575E	MSR575/SA2DE	4	
Apron down lights (Par 64)	1K/WFL	12	10 X 10

### B. DIMMERS: ETC Sensor

Stage Dimmers	2.4K	428
Stage Relays	2.4K	38
House Light Dimmers	2.4K	14

### C. COMPANY SWITCHCES:

			<u>Tie In:</u>
A: Stage Right (Lighting)	400Amp	3Ph, 208 Volt	Cam Lock
B: Stage Right (Lighting)	400Amp	3Ph, 208 Volt	Bare End
C: Stage Left (Sound)	200Amp	3Ph, 208 Volt	Cam Lock or Bare End

### D. CONTROL CONSOLE:

E.T.C. ION 2000

House console is located in booth at rear of auditorium. Booth window will open.

### E. DMX Ports:

ETC NET network ports are located throughout the stage and auditorium.

There are six portable "2 Port" DMX nodes available for DMX tie in/out.

### F. CIRCUIT LOCATIONS AND F.O.H. MEASUREMENTS:

Please contact Technical Director.

NOTES: Please contact Technical Director for a copy of the Standard House Lighting Plot.

The Center uses a 36ft. Genie personnel lift for focusing.

Please check with Technical Director *before* your production to find out what lighting equipment is not working.

**There is NO Shore Power hook up for trucks or buses.**

## VIII. HOUSE SOUND SYSTEM:

Use of house sound equipment is by prior arrangement only!

### A. SOUND BOOTH:

Located at the rear of the auditorium, the booth is an “open air” booth and is comprised of the following equipment:

Yamaha LS9-32 digital mixing console (32 digital channels, 32 analog channels, 64 total channels)

Denon DN-600F, single CD player

Balanced Patch Panel using 1/4” TRS connectors, allows connection of all inputs and outputs from all equipment (approx. 30 patch cables available in house)

### B. HOUSE “MAINS”:

2- D.A.S. Line Arrays (L&R) each consisting of 2 dual 15” active subs (Aero CA-215A) and 10 2-way active cabinets (Aero 28A)

4- D.A.S. dual 18” subs (Aero182A2K) available for ground stacking (2 per side)

4- D.A.S. compact line array cabinets (Variant 25a) available for front fills

Note: All D.A.S. speakers are self powered

### C. STAGE MANAGERS SOUND RACK:

Located Stage Right

Light Viper 32 Channel Digital Snake

ASHLY MM508, “dedicated” Show Program mixer

LISTEN Hearing Impaired transmitter with 32 receivers

Clear-Com SB-440 (4 channel) Intercom Main Station

NOTE: Show program and intercom feeds go to all dressing rooms and technical areas.

### D. STAGE MONITORS:

Yamaha LS9-32 monitor console (16 monitor mixes)

LightViper 32 channel monitor interface

7- 12” D.A.S. monitors

2- 15” D.A.S. monitors

3- Bag End TA2000CF wedge cabinets powered by 1 QSC RMX1850 amp

1- Rane ME60 1/3 octave graphic equalizer, 2 channel

NOTE: All D.A.S monitors are self powered

### E. MICROPHONES:

In-house microphone information is available upon request.

## IX. TOURING SOUND SYSTEMS:

Due to the design of our house seating (continental, no aisles), all touring “front of house” sound consoles and racks must be set up in the rear of the auditorium, house right, behind the last row of seats. You will need a snake run of 250’ to get to back stage left.

## X. ACOUSTICS:

The auditorium was designed with special consideration for non-amplified sound. The house reverberation rate is changeable via motorized acoustical drapes on the three house walls.

NOTE: Amplified sound MUST NOT exceed a level of 95db. Levels in question will be checked with a meter. THE 95db LIMIT WILL BE ENFORCED.

**XI. DRESSING ROOMS / WARDROBE ROOM / LAUNDRY ROOM:**

All dressing rooms have lighted makeup tables with mirrors, showers, toilets, sinks and clothes racks. Dimensions are approximate.

**A. STAGE LEVEL DRESSING ROOMS:**

There are five rooms for 1-2 persons (dressing area 5' x 10'). All five rooms are located directly up stage from performance area with access to stage left and stage right through crossover hallway.

**B. DOWN STAIRS DRESSING ROOMS / WARDROBE ROOM / LAUNDRY ROOM (all one level down):**

- 1 Men's chorus room 23' x 46'
- 1 Women's chorus room 23' x 33'
- 3 1-4 person rooms 10' x 13'
- 1 Wardrobe room 12' x 25'
- 1 Laundry room with 1 washer and 1 dryer

**XII. PRODUCTION OFFICE / GREEN ROOM:****A. PRODUCTION OFFICE:**

A very small production office is located stage left next to the Green Room. It contains a desk and one phone line. It does not have a fax machine. Wireless internet access is available.

**B. GREEN ROOM:**

The Green Room is located stage left with direct access to the stage and the crossover hallway. Wireless internet access is available in Green Room area.

**XIII. Misc. Tech. Equipment:**

- 1 DVD Player
- 1 Video Projector, (Optoma EP739)
- 1 Rolling Aluminum Scaffold, maximum platform height of 20ft.
- 1 36ft. Genie personnel lift
- 100 Blue chairs, 2" thick padding with gold metal frames (500 available in building)
- 60 Manhasset music stands
  - 1 Manhasset Conductors music stand
  - 8 Music stand lights (30 more available from local symphony by permission)
- 12 2'6" X 8' tables (50 available in building)
- 4 5' rolling costume racks
- 1 Iron with ironing board
- 1 Professional Jiffy Steamer (J-2)

NOTE: Renters must supply their own computer(s) for projections and presentations.

**XIV. Choir Shell and Risers:****A. CHOIR SHELL:**

6 Wenger Legacy Classic Acoustical Shells, each section is 6' wide

**B. STANDING RISERS:**

6 Wenger Tourmaster standing choral risers, 4'-7" x 24", with 4<sup>th</sup> step and hand rails

5 Wenger "old style" standing choral risers, 4'-7" x 18"

**C. SEATED RISERS:**

Old style Wenger risers with permanently attached folding legs. Designed to fit in orchestra shell.

6 4'x6'x8"

1 4'x8'x8"

4 8" angled (various lengths)

6 4'x6'x16"

2 4'x8'x16"

4 16" angled (various lengths)

14 4'x6'x24"

2 3'x6'x24"

2 24" angled (various lengths)

**XV. Loading dock:**

The dock enters directly onto the stage at stage level, up stage right, with 10' X 12' overhead roll-up door.

The outside dock area measures 8' deep by 30' wide, and is 3' high.

The dock will accommodate 2 trucks.

The Center has one 5'x5' portable aluminum dock plate.

There is **NO** 220-shore power available for buses or trucks.

**XVI. Other:**

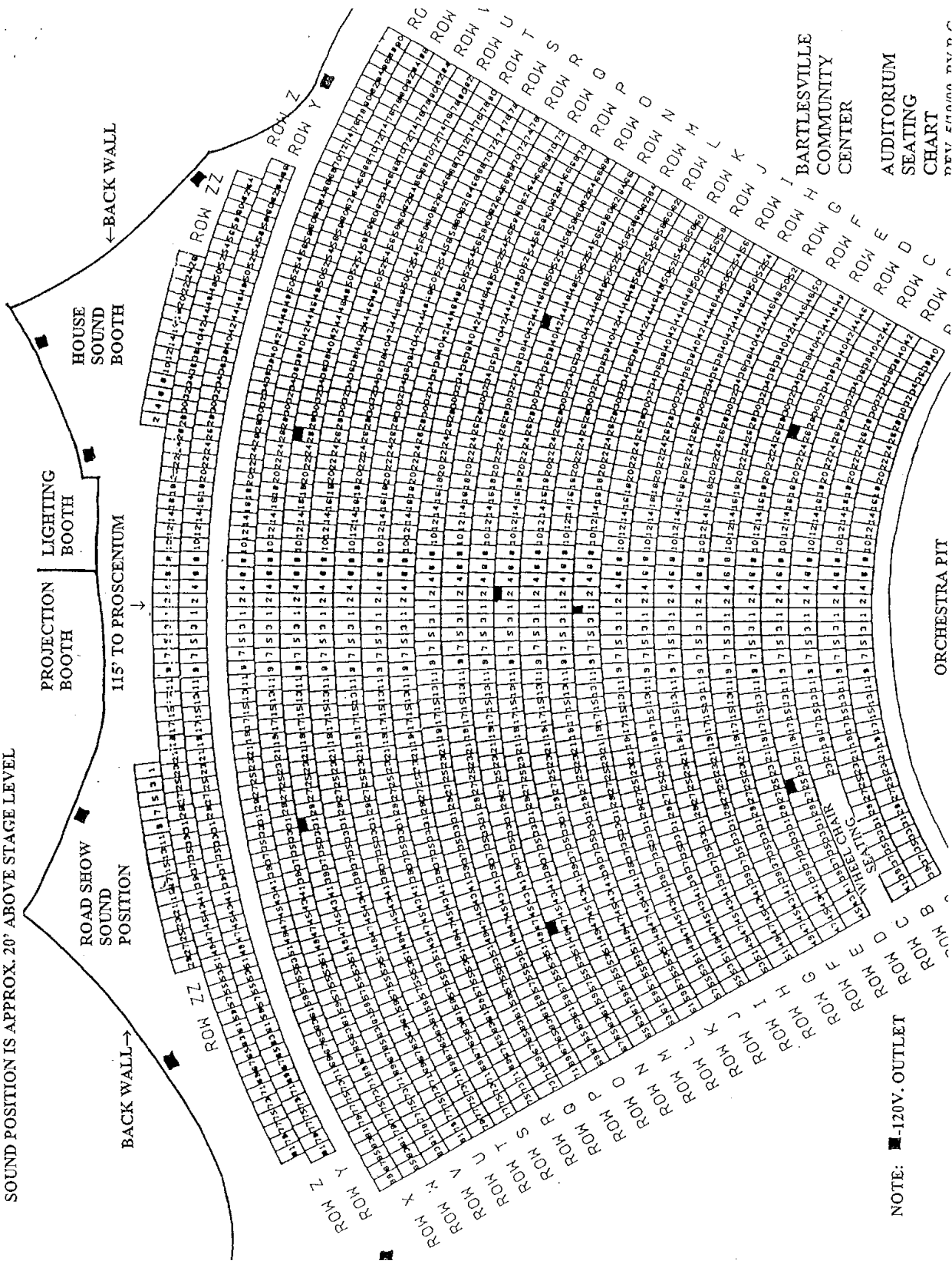
There is no direct access from stage to auditorium except when pit is at house level and the portable stairs are used. There are two sets of portable stairs available, each set being 4' wide.

Please provide the name and phone number of the technical person in charge of your production at the time of contracting with the Bartlesville Community Center.

There is a convenience store immediately across the street from the back stage parking lot.



NOTE: SOUND SNAKE-200' MINIMUM RUN TO BACK STAGE LEFT  
SOUND POSITION IS APPROX. 20' ABOVE STAGE LEVEL



NOTE: ■ 120V. OUTLET

BARTLESVILLE  
COMMUNITY  
CENTER

ORCHESTRA PIT

AUDITORIUM  
SEATING  
CHART

REV. 5/10/00



## LINE SET SCHEDULE

### Bartlesville Community Center

#### Standard House Hang

Set #	From Plaster	Set Description	Pipe Capacity (lbs)	Remarks
A	1'-1"	Fire Curtain	750	Path MUST be kept clear and unobstructed
1	1'-9"	<b>Grand Teaser</b>	1200	<b>Can Not Be Moved</b>
B	2'-7"	<b>Grand Drape</b>	750	Single Purchase, Controlled From Stage Level
C	3'-9"	<b>First Electric</b>	1000	Motorized, Single Purchase, Controlled From Stage Level
2	5'-1"	Open	1200	
3	5'-9"	<b># 1 Black Legs</b>	1200	
4	6'-5"	Projection Screen	1700	<b>Can Not Be Moved</b>
5	7'-1"	Open	1200	
6	7'-9"	Open	1200	
7	8'-5"	Open	1200	
8	9'-9"	<b># 2 Black Border</b>	1200	
9	10'-5"	<b># 2 Black Legs</b>	1200	
10	10'-11"	Open	1200	
11	12'-1"	<b>Second Electric</b>	1000	Single Purchase, High trim 38'
12	13'-4"	Open	1200	
13	13'-9"	Open	1200	
14	14'-5"	Open	1200	
15	15'-9"	<b>Mid-Stage Black Traveler</b>	1700	<b>Can Not Be Moved</b>
16	16'-5"	Open	1200	
17	17'-1"	Open	1200	
18	17'-10"	Open	1200	
19	18'-5"	<b># 3 Black Border</b>	1200	
20	19'-1"	<b># 3 Black Legs</b>	1200	
21	19'-9"	Open	1200	Road Shows Only, 3rd Elec must be stripped
22	20'-5"	<b>Third Electric</b>	1000	Single Purchase, High trim 38'
23	23'-4"	Open	1200	
24	24'-0"	Open	1200	
25	24'-8"	<b># 4 Black Border</b>	1200	
26	25'-4"	<b># 4 Black Legs</b>	1200	
27	26'-0"	Open	1200	
28	26'-8"	<b>Fourth Electric</b>	1200	Powered with Drop Boxes, can be relocated or removed
29	27'-11"	<b>Fifth Electric</b>	1000	Single Purchase, High trim 38'
30	29'-0"	Open	1200	Road Shows Only, 5th Elec must be stripped
31	29'-6"	Open	1200	
32	30'-0"	<b>Up-Stage Black Traveler</b>	1200	<b>Can Not Be Moved</b>
33	30'-7"	Open	1200	
34	31'-3"	Open	1200	
35	31'-11"	Open	1200	
36	32'-7"	<b>White Cyclorama</b>	1200	
36A	33'-0"		150	Hemp line set, <b>can not fly during show</b> , High trim 32'

NOTES: \*ALL ELECTRIC'S HAVE PLUG STRIPS THAT CAN NOT BE REMOVED (EXCEPT FOR FOURTH).

\*1ST ELECTRIC HIGH TRIM IS 37'

\*ALL LINE SETS ARE DOUBLE PURCHASE EXCEPT WHERE NOTED AS SINGLE PURCHASE.