

TECHNICAL INFORMATION

For more thorough technical specifications and layouts please see below or contact Pat Nelson at 406-723-3602.

THEATRE ACCESS

Loading Doors

- The loading doors for both scenery and costumes are from the west side of the theatre (Washington Street). Washington Street has a slope of approximately 8 percent.
- Scenery load-in door: 8'x10' and 9' above street pavement.
- A hydraulic platform lift, 7'6" x 10' @ 3,000 lbs. capacity is used to load from street level or truck bed to stage level. Only theatre personnel are authorized to operate hydraulic lift. The load-in area will be barricaded and as free as possible of snow and obstacles prior to load-in.
- Parking is limited around the theatre. Trucks and buses must either be relocated or parallel parked after load-in.
- Dressing room load-in access is from street level under the hydraulic lift.
- Street level access to the ballroom in the basement of the theatre (Galena Street-south of theatre) is available for staging, wardrobe or symphony instruments depending on requirements of production and availability of ballroom.

STAGE AND RIGGING

Stage

- Hardwood floor, over 1 1/2" "sleepers."
- Traditional proscenium 3/4 stage.
- Proscenium opening 41'9"
- Proscenium height 25'
- Plaster line to back wall 27'9" max SL - 23'9" min SR (back wall angles)
- Plaster line to last US line set 20'10"
- Plaster line to apron edge 36"
- Max. depth w/pit cover 35'9" @ center line
- SR wing (unobstructed) 15'
- SL wing (unobstructed) 19'
- Wing height 21'6"
- Plaster line to FOH bridge 48' @ approximately 45 degrees

Soft Goods/Hanging Goods

- Masking Legs (4 pair)
- Masking Borders (4)
- Full Black (1)
- White Cyclorama (1)
- Red Valence, Dead Hung (1)
- Red Act Curtain, Travel/Guillotine (1)
- Movie Screen 36'w x 18'h (1)

Orchestra Pit

Orchestra pit has a removable cover to increase downstage area. Pit is equipped with 6 dimmable and 6 house duplex A/C outlets. Orchestra pit has a fixed floor (non-hydraulic). Will accommodate approximately 20 musicians. Adjacent to the pit are 2 removable platforms (cover downstage access steps) at stage level that add 72 square feet of performance area.

- Stage abutment length 34'7"
- Min. depth each side 4'10"
- Max. depth in center 8'11"
- Pit floor to stage floor 4'

Fly System

- Pro Tech double purchase cwt/8" arbors
- Number of line sets 26
- Number of available sets 20
- Line centers 8"

Fly System (cont'd.)

- Batten length 50'
- Batten height gridded 50'
- Safe load 1600 lb./line set
- Operating dock height SR 23' access by caged ladder.
- Loading dock height SR 40' access by caged ladder.
- Available weight 7800 lbs.
- Grand valence (red w/gold fringe) is dead hung and cannot be adjusted. It is 20' from stage floor at its lowest point. Road fly loft operators will be briefed by house TD prior to operation of rigging system.
- Grid height from stage is 60'

Line #	Distance from P-line	Use	Remarks
1	1'6"	Act Curtain	Traveler or guillotine
2	2'2"	Movie screen	36'w x 18'h
3	2'10"		Open
4	3'6"	Open	*See note
5	4'2"	1st electric	Raceway-Nonremovable
6	4'10"	Open	*See note
7	5'6"	Open	
8	6'2"	Open	
9	6'10"	Open	
10	8'10"	2nd electric	Raceway-Nonremovable
11	9'8"	Open	*See note
12	10'2"	Open	
13	10'10"	Open	
14	11'6"	Open	
15	12'2"	Open	*See note
16	12'10"	3rd electric	Raceway-Nonremovable
17	13'6"	Open	*See note
18	14'2"	Open	
19	14'10"	Open	
20	15'6"	Open	
21	17'6"	4th electric	Raceway-Nonremovable
22	18'2"	Open	*See note
23	18'10"	Open	
24	19'6"	Open	
25	20'2"	Open	
26	20'10"	Open	

*Note: Due to spacing criteria, certain battens will bump the adjacent electric. There are 3 sets of "bumpers" for electrics to minimize the hanging up on nearby battens. It is not recommended hanging anything that needs to be brought in and out during a performance (particularly if done fast) on these battens. Drops, drapes, legs and borders can be removed or rearranged to suit show requirements. Grand drape, movie screen and electrics are NON- REMOVEABLE ASSETS. Early pre-planning of fly schedule is recommended for safe rigging. House TD has final authority on hanging schedule.

LIGHTING AND SOUND

Lighting

Control and Dimming

Control Console - ETC Element located in control pit at bottom of mezzanine. There is a DMX dry line between the console position and backstage left.

Dimming - ETC Sensor racks. There are approximately 180 dimmers available (48 on FOH bridge, 132 onstage).

Road Service Power

400A 3-phase 120/210V located in the downstage left wing. Tie-in interface is bare tails. (*NOTE: The theatre does not possess tails or Cam-Lok connectors.*)

Fixture Inventory

ETC Source 3 Ellipsoidal (575w Halogen)

- 4 ea. 10 degree
- 9 ea. 19 degree
- 38 ea. 26 degree
- 14 ea. 36 degree
- 11 ea. 50 degree

- 29 ea. Altman 6" Fresnel 750w
- 5 ea. 4 cell Altman Sky Cyc 1500w 6 ea. PAR 64
- 2 ea. Lycian 1272 Starklite II

Sound

PA/Monitors

- JBL SRX Speakers (Proscenium mounted--2 per side)
NOTE: This is the theatre's primary PA
- Panasonic Ramsa WS-A500-K 200w 8 ohms Speakers (4)
NOTE: These comprise the theatre's monitor speakers
- Crown Macrotech 1200 Amplifiers (3)
NOTE: These drive the theatre's PA
- Crown Macrotech 600 Amplifier (1)
- Electro-Voice 7300A Amplifier (1)
NOTE: These drive the monitor speakers

Front of House (FOH)

- Soundcraft LX7II 32-Channel Mixer (1)
- Monster Power Pro 900 Power Conditioner (1)
- Ashly XR-1001 Stereo 2-Way/Mono 3-Way Crossover (1)
- Ashly MQX-2310 Dual 31-Band EQ (1)
- Dbx 1066 Dual-channel Compressor/Limiter/Gate (2)
- Marantz Professional CDR-632 Compact Disc Player/Recorder (1)
- Denon DN-720R Stereo Cassette Tape Deck (1)
- Williams Sound FM Auditory Assistance Transmitter (1)
- Williams Sound FM Auditory Assistance Receivers w/Earphones (16)

Road Service Power

- 200A 3-phase 120/210V located in the downstage left wing. Tie-in interface is bare tails.
NOTE: The theatre does not possess tails or Cam-Lok connectors.

Additional Theatre Equipment

- 9' Baldwin Concert Grand Piano owned by Butte Community Concert Association (inquire at theatre for permission to use)
- 50 Manhasset Music Stands and 50 black padded chairs
- Full Size Podium
- One 300 lb. Genie Personnel Lift (27' working height)
- Theatre has a washer and dryer on site

Dressing Rooms

- There are two (2) dressing rooms, one floor below stage that will accommodate 10 people comfortably. Each room is equipped with 10 lighted mirrors, showers, lavatories, water cooler, and communication with stage manager and show sound piped in. There are “No Star” dressing rooms.
- Green room adjacent to the womens dressing room may be used as a VIP dressing room for small receptions or for greeting guests. Adjacent to the green room is a small, private lavatory. Dressing rooms are accessible from stairs off SL or SR. Hallway may be used for crossovers under the stage if necessary.
- The Orphan Girl Theatre may also be available for warm-up, staging, or serve as extra dressing areas, if scheduling permits. Dressing rooms, green room, and hall doors are lockable.

For more thorough technical specifications and layouts please contact Pat Nelson at 406-723-3602.