



MOTHER LODE
T H E A T R E

TECHNICAL SPECIFICATIONS

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STAGE AND RIGGING

Stage

Floor, hardwood covered with Marley like surface 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. stage left to 23'9" min. stage right (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

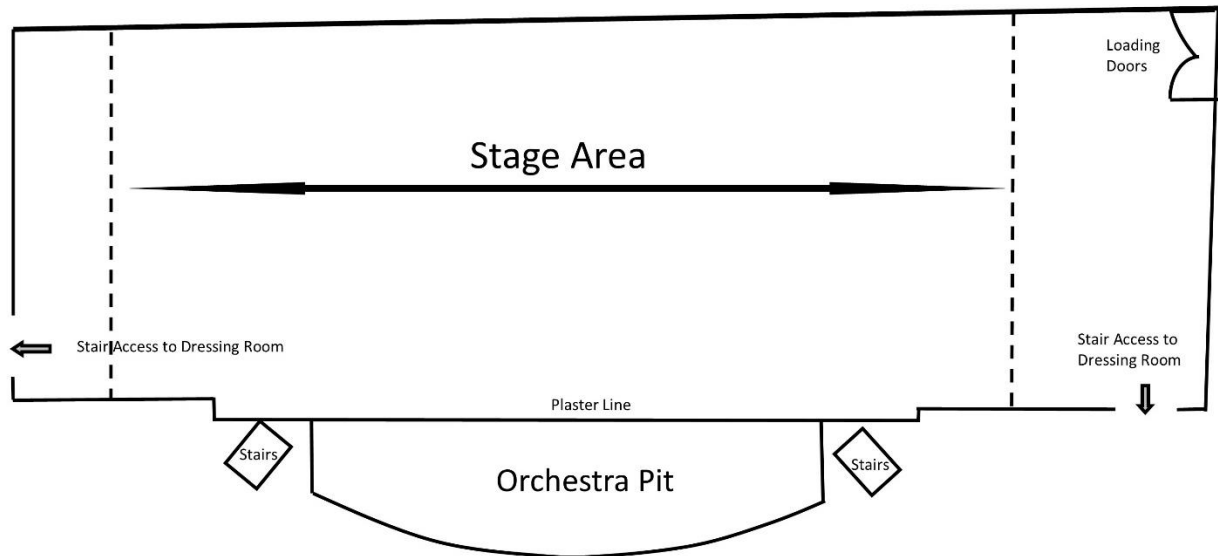
Stage right wing (unobstructed) 15'

Stage left wing (unobstructed) 19'

Wing height 21'6"

Plaster line to FOH bridge 48' @ approximately 45 degrees

Mother Lode Theatre
Stage and Orchestra Pit Schematic



SOFT GOODS/HANGING GOODS

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

ORCHESTRA PIT

Orchestra pit has a removable cover to increase downstage area. The pit is equipped with 6 dimmable and 6 house duplex A/C outlets. Orchestra pit has a fixed floor (non-hydraulic) and 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'

Please note: There is an upcharge for use of the Orchestra Pit for removal and replacement.

FLY SYSTEM

Pro Tech double purchase cwt/8" arbors

Number of line sets: 26

Number of available sets: 20

Line centers: 8"

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 valance (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: 60'

FIXTURE INVENTORY

Chamsys MQ80 with Lenovo touch monitor

ETC Element - We use the Chamsys primarily, but the ETC is available for tours to use as well.

ETC Source 4 Ellipsoidal (575w Halogen) - 94

- 10 degree - 7
- 19 degree - 10
- 26 degree - 46
- 36 degree - 21
- 50 degree - 12

Altman 65Q Fresnel (750w) - 37

Altman 4 Cell Sky Cyc (1500w) - 5

Chauvet Pro Rogue R2X Wash LED Moving Head (25w) - 8

Chauvet Pro Rogue Outcast 1 Hybrid Moving Head (400w) - 4

Chauvet Amhaze Stadium hazer

Par 64 - 6

LINE SET SCHEDULE

(1) Grant drape	(14) Third leg (open)
(2) Movie screen	(15) (open)
(3) First border (open)	(16) Third electric
(4) First leg (open)	(17) (open)
(5) First electric	(18) (open)
(6) (open)	(19) Fourth border (open)
(7) Moving heads	(20) Fourth leg (open)
(8) Second Porter (open)	(21) Fourth electric
(9) Second leg (open)	(22) (open)
(10) second electric	(23) (open)
(11) (open)	(24) Moving head
(12) Moving heads	(25) Cyc (open)
(13) Third border (open)	(26) Full black (open)

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.

STAGE POWER

There are two main AC power feeds to our stage.

1 200-amp 3-phase service currently occupied with in-house distro for PA and moving lights. There are available circuits in the current configuration.

2 NL-14 single-phase 240 outlets at 30 amp.

6 Powercon outlets at 15 amp.

16 Edison outlets at 15 amp.

There is a 3-phase camlock pass-through on the front panel of this distro.

1 400-amp 3-phase unused service with Camlock tails on stage left. We have all the necessary Cam Lock gender turnarounds in house.

We have several Edison power drops in different lengths with either single, quad, or double-quad outlets.

SOUND

Front of House

FOH counsel – Midas M-32 Digital, Behringer x-32 monitor desk

Audio snake – Midas DL-32 stage box With Ethicon connection.

32-channel hard split on stage left.

Speaker System

Meyer Melodie Line array self-powered Stereo left and right.

(6) elements per side on chain motors.

(4) RCF 8" coax center fill monitors

2) JBL SRX 2x18 subs located under orchestra pit cover.

Sub power Crown Macro tech 3600.

Subs mono on separate aux send.

Ashley Protea and DBX drive rack speaker management.

Stage Monitors

(8) JBLSR 15x 2in horn floor wedges passive.

(8) Turbosound TFX 122M-AN powered floor wedge.

Mics and Accessories

- (4) Shure ULX wireless SM-58 handheld mics and accessories
- (8) Shure SM58 handheld mics and accessories
- (6) Shure SM-57 instrument mics and accessories
- (2) EV PL-27 kick drum mics.
- (2) Shure SM-81 condenser mics.
- (11) Shure SLX wireless receivers with Body packs and 6 Countryman mics.
- (2) Countryman active DI boxes
- (2) stereo passive DI boxes.
- (5) Mono passive DI boxes.
- (12) Tall tripod boom mic stands.
- (8) Short tripod boom stands
- (6) round-base straight mic stands.
- (3) 8-channel sub drop snakes in varying lengths for stage distribution.
- (50) XLR mic cables.

If we don't have what you need in house, we can arrange rentals for you from sound companies in our area.

PROJECTOR AND SCREENS

- (1) Epson Pro 1500UHL.
- (1) Epson 90ft throw cinema lens.

We have three screens available in-house. The main screen is in front of our main drape and can be brought in or out from the pin rail. It is principally used for showing movies or PowerPoint presentations. If using an upstage screen position, there is a 10x10 small fixed screen that can be lowered from the grid. It is seldom used. The other available screen is our white Cyc curtain. The projector needs to be moved from the projection booth to the balcony for the upstage screens to have the ability to be projected under the front valance. We reserve the right to not make the upstage screens available in the event of a heavily attended show.

ADDITIONAL THEATRE EQUIPMENT

(1) Steinway grand piano co-owned by the Butte Symphony Association and Butte Community Concert Association (inquire at theatre for permission to use)

(50) Manhasset music stands

(50) black padded chairs

(1) Full-size podium

(1) 300-lb. Genie personnel lift (36' working height)

Washer and dryer on site (no hot water to washer).