

Saginaw Valley State University
7400 Bay Road
University Center, MI 48710

Eastern Time Zone

Technical Specifications for the
Malcolm Field Theatre for Performing Arts



University Conference and Events
Mathew Slack
(989) 964-2659
Email: mdslack@svsu.edu

Version current as of 11/13/2007

General Information: Specifications

Seating capacity:

524 fixed seats - 16 handicapped spaces, 320 main floor, 204 balcony
SVSU uses the Sennheiser IR system for our hearing impaired guests.
This is not a union house. For "Yellow Card" shows, we work with IATSE local 274.

Loading doors:

Width 11'10" Height 12' 0" Access to the stage is through the Sceneshop.
It is approximately 130' to the stage through 2 sets of 10'w x 12'h doors.
There is no loading dock. (All one level) There is space for two trucks outside the Scene Shop loading door.
Shore power is available if sound contractor is not using it (100 amp 3 phase connection).

Stage specifications:

Dimensions: 94'-2" wide x 40'-5" deep
Proscenium opening: 40'-4" wide x 23' - 8" high
Proscenium arch thickness: 2'-8"
Stage extends beyond proscenium to edge of pit by 5'-10"
With pit covered, stage extends beyond proscenium by 15'-6"
Curved front edge - arcs to 6'-0" @ SR & SL w/ 3'-0" vomitories
Trap area: 16' x 16' located center stage, 4'-9" US from the Plaster Line
Stage height above House floor: 3'-0"
There is a hallway for backstage crossovers
Fly rail located stage right

Stage Manager's Station:

S.M. desk can be located either downstage right or downstage left. The Desk contains controls for

- (1) voice paging to the Green room, dressing room and rehearsal rooms
- (2) ClearCom headset communications to control rooms, locking rail, stage left, house manager, house mix position, and catwalks
- (3) Controls for work lights and house lights.
- (4) There is a stage video monitor and connection for the lighting remote.

Stage Curtains:

The Grand Traveler is rigged to fly or operate as a traveler. The curtain and the teaser on pipe two are blue. There are two other black travelers of 25 oz. velour with 50% fullness. There are also 4 sets of legs and borders (25 oz. velour with no fullness) hung above the stage. Travelers are 34' w x 30'h each half, borders are 65'w x 12'h, and the legs are 18'w x 30'h. A black scrim 65'w x 30'h, and a white cyclorama 65'w x 30'h available.

Projection System:

There is a SANYO PRO xtraX ; Model PLC - FX45 permanently located in the lighting control room. The projection screen is a Fastfold 30x20 front projection only. It is located on lineset 6. The white cyc can be used for rear projection if necessary.

Stage Floor:

The stage floor is tongue & groove pine on 2x4 wood sleepers on 2' centers resting on neoprene pads. The stage, pit, and trap covers are stained black. Minimal nails, screws, lag bolts, etc. may be used in the floor upstage of the Plaster Line.

Rigging

Fly System:

The Fly system is single purchase counterweight with 42 total linesets; 1:1 ratio.

Battens 1-37 are 65' long

Battens 38-42 are 62' long.

All pipes will clear the deck to 60'-6". Grid is at 65'-0".

Locking rail is located on stage right.

All battens are 1-1/2" I.D. Schedule 40 with 8' arbors.

All arbors have 1500 lbs capacity EXCEPT for Battens 1 & 4.

Battens 1 & 4 have a capacity of 2000 lbs. capacity.

Pinrails on stage right and stage left at 21'-0"; Clearance from deck - 15'-0"

Loading rail located stage right at 72'-0".

THEATRE RIGGING SCHEDULE

	Line #	Distance from proscenium wall
1	Grand Traveler *	8"
2	Teaser *	1'-3"
3	Empty Batten	2'-3"
4	1 st Electric *	3'-3"
5	Legs *	4'-9"
6	Projection Screen *	6'-9"
7	Empty Batten	7'-6"
8	Empty Batten	8'-3"
9	Empty Batten	9'-0"
10	Border *	9'-9"
11	Black Traveler *	10'-6"
12	2 nd Electric	11'-3"
13	Empty Batten	12'-6"
14	Empty Batten	13'-3"
15	Empty Batten	14'-0"
16	Empty Batten	14'-9"
17	Border *	15'-6"
18	Legs *	16'-3"
19	3 rd Electric	17'-0"
20	Empty Batten	18'-6"
21	Empty Batten	19'-3"
22	Empty Batten	20'-0"
23	Empty Batten	20'-9"
24	Border *	21'-6"

25	Black Traveler *	22'-3"
26	4 th Electric	23'-0"
27	Empty Batten	24'-6"
28	Border *	25'-3"
29	Empty Batten	26'-0'
30	Empty Batten	26'-9"
31	Legs *	27'-6"
32	White Cyc	28'-3"
33	Black Scrim	29'-0'
34	Empty Batten	29'-9"
35	Empty Batten	30'-6"
36	Empty Batten	31'-3"
37	Empty Batten	32'-0"
38	Empty Batten	32'-9"
39	Not Available *	33'-6"
40	Empty Batten	34'-3'
41	Cyc Electric	35'-0"
42	Cyc Electric	35'-9"

*These items cannot be moved from their present locations.

Electrical

Lighting Control Equipment:

The control console is an ETC - Congo Jr. W/ fader wing (version 5.0) with wireless remote focus. Maximum of 1024 channels. It is located in the control room with provisions for connection at stage left, stage right, and the house. Control of the house and work lights is at the stage managers desk and in the lighting control room. Lighting console will also control house and work lights. 300 Strand dimmers in a dimmer per circuit arrangement. Each dimmer is 2.4k.

Circuit Location

LOCATION	CIRCUIT #
Spot Booth: throw 80'	1-6
Light Booth Control Room	7-9
2 nd Cove: throw 64'	22-51
1 st Cove: throw 52'	52-81
2 nd Floor Balcony House Left: throw 45'	106-117
2 nd Floor Balcony House Right: throw 45'	94-105
Curtain Warmers Balcony Face	85-93
Apron Electric - 12 circuits	10-21

House Left Box Torm	121-123
House Right Box Torm	118-120
Stage Left Entrance Torm	124-129
Stage Right Entrance Torm	130-135
Stage Left Proscenium Wall Torm	136-145
Stage Right Proscenium Wall Torm	146-155
Wall Pockets: downstage left	246-249
Wall Pockets: downstage right	250-253
Wall Pockets: upstage left (Parallel w/ trap)	254-257
Wall Pockets: upstage right (Parallel w/ trap)	258-261
1 st Electric	156-185
2 nd Electric	186-203
3 rd Electric	204-221
4 th Electric	222-239
Cyc Electric # 1	234-239
Cyc Electric # 2	240-249

All circuits have 3 pin slip stage plugs with 20 amp breakers.
 12/3 stage cable, twofers, 3-pin to edison adaptors available.
 1 electric man lift -- 28' capacity.

Luminaries

STYLE	# OF INSTRUMENTS
8" lekolites (10 degrees)	20 (in 1 st & 2 nd cove)
50 deg Leko	10
40 deg Leko	23
30 deg Leko	38
20 deg Leko	12
Source 4 - 36 deg	10
Source 4 - 19 deg	10
Source 4 - 14 deg	10
Source 4 - 5 deg	1
Par 64 Altman	40
6" Fresnel	12
3 - cell cyc units	20
6" Variable Focus Leko	10

4 ½" Variable Focus Leko 25/55	3
SuperArc 400 Lycian Follow Spots	2

Full compliment of accessories for all fixtures available.

Audio

Sound booth is next to the light booth in rear of house. In-house location House right - center section. 32 channel CREST - Century Console. Main speaker cluster permanent above proscenium with surround sound capabilities. 4 movable onstage monitors available.

Backstage Areas

Green Room:

The Green room is located off the hallway just behind the upstage left access door. There is a phone (local calls only), refrigerator, and coffee-making equipment located in the room. A video stage monitor with audio is located there.

Dressing Room/ Makeup Room:

There is a combination Dressing Room/Make-up Room located in the access hall backstage (see building layout page 7. It can accommodate 20-25 people. The room has mirrors, make-up lights, wash basins, showers, and toilets. There are laundry facilities available in the Costume Shop and Scene shop.

Costume Shop:

The Costume Shop is directly across the hall from the Makeup Room. Heavy-duty washer, sewing machines, irons and steamers are available. Clothes dryer is located in the scene shop, which is directly accessible from the costume shop.

Scene shop:

The Scene shop is directly behind the Main stage, separated by a 6'-6" hallway.

