

# Wharton Center for Performing Arts



## Technical Information

for the

# Pasant Theatre

Version current as of January 23, 2005

Michigan State University

East Lansing MI. 48824-1318

517-353-1982

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# General Information

## Wharton Center For Performing Arts

Shaw Lane at Bogue Street  
Michigan State University  
East Lansing, Michigan 48824-1318  
Home Page - [http:// www.whartoncenter.com](http://www.whartoncenter.com)

TIME ZONE - Eastern

Administrative Offices	(517) 353-1982
FAX #	(517) 353-5329
Box Office	432-2000
	1-800-WHARTON
Backstage	355-1907
Production Manager	353-1982
House Manager	353-1982

### Administrative Personnel

Mike Brand	Executive Director
Diane J. Baribeau	Assistant Director, Director of Operations Ext.#103
Kent Love	Director of Communications Ext.#113
Douglas Miller	Director of Development Ext.#112
Debbie Gift	Director of Education Ext.#108
Sandy Thomley	Production Manager Ext.#109
Jarrod Bradford	Box Office Manager Ext.#104
Nina Silbergleit	House Manager/Food Service Coordinator Ext.#119
Stephanie Kribbs	Assist. House Manager Ext# 116
Bob Hoffman	Publicist Ext.#117
Doug Mactaggart	Business Manager Ext.#123

### Production Managers

Sandra A. Thomley – (517) 353-1982 Extension 109  
Brian D. Archer – (517) 353-1982 Extension 110

### I.A.T.S.E. Contact

Local #274  
419 S. Washington Square  
Lansing , MI 48933-2124

# General Specifications

## Pasant Theatre

### Loading Dock

Dock Height is 3' 7" and is level with stage floor.

**Trucks must be moved once unloaded!**

There are two truck parking spots next to dock in backstage lot.

Outside loading door dimensions are 9'10" H x 9'10" W .

Inside loading door dimensions are 7'11" H x 9'8" W

\* for Map and Directions see page 14

### Stage Dimensions

*The Pasant Theatre is a Thrust stage with a Proscenium upstage.*

*It has a minimum Fly space upstage of Proscenium w/ 15 battens.*

*There is seating on the three sides of the thrust. (see diagram PAGE 12)*

Proscenium :	width	-	40'10"
	height	-	22' 0"
	thickness	-	1' 9"
Backstage Width :	SL wall to SR locking rail	-	73'10"
Offstage Width :	SR (proscenium to SR locking rail)	-	14'11"
	: SL (proscenium. to SL wall)	-	17'10"
Backstage Width :	SR (center line to SR locking rail)	-	35' 9"
	: SL (center line to SL wall)	-	38' 8"
Backstage Depth :	Plaster line to back wall	-	23' 3"
	:House curtain to back wall	-	22' 4"
	1 <sup>st</sup> line set to back wall	-	21' 0"
Thrust Width * :	(at DS edge)	-	12' 0"
Thrust Depth * :	DS edge to US edge of Proscenium. arch	-	29' 5"
Total stage depth :	DS edge of thrust to back wall	-	52' 8"

\* = please refer to floor plan ( page 13)

### Vomitory Tunnel

Circling between the front row of seats and around the stage is a cement floor, 18" lower than stage level ,accessed by 2 steps edging the stage.

From this cement floor (or "Gutter") are two ramps going under the seating.

These lead to our "Vom" tunnel which goes from backstage right under the house, circling around, connecting up with the two entrance ramps, and continuing around to backstage left.

### Orchestra Pit

(see diagram page 17)

The front three rows of the house left section of seating, retract into wall, opening up the orchestra pit area.

# Rigging

## Pasant Theatre

### General Information

Counterweight system is single purchase 1:1 ratio

There is no Grid

Locking Rail is located at stage level SR

Counterweight Loading Platform is located 35 ft. above stage floor SR

Batten length is 61' 0"

Batten travel is 32' 0"

Batten low trim is 3' 10"

Batten high trim is 35' 10"

Average distance between battens is 16" oc

Batten is 1½" ID schedule 40 pipe

Batten has 7 lift lines

Pipe weight is 100 lb.

Arbor capacities of : general batten 1500 lb.

: electric batten 1800 lb.

### Main Curtain

(see hanging plot page #13)

Main Curtain is dead hung.

Motorized travel **only** (split center)

Motorized switch control located at SR Proscenium

Fixed motorized speed is 15 sec. (full open to full closed)

Main Curtain is part of Deluge Fire Protection System

NO scenery or equipment may be placed across curtain line

to prevent curtain from closing completely

Main Curtain **cannot** be cleared from Fly system.

### DRAPES

(see page #13 Hanging Plot for dimensions)

<u>Item</u>	<u>Color</u>	<u>Material</u>	<u>Fullness</u>
Main curtain	med. blue	velour	100%
Legs	black	velour	0%
Borders	black	velour	0%
Traveler	black	velour	60%
Cyclorama	blue	muslin	0%

### Floor

Stage Floor construction, from bottom to top, is as follows:

2x4 wood sleepers on 2' centers resting on neoprene pads

¾" plywood

1" plywood (laid at right angles to ¾" plywood)

1 1/8" T&G Southern Yellow Pine, edge grain.

Pasant Theatre Thrust floor is 1" T&G Oak

Stage Floor is stained brown and sealed.

Nails, screws, lag bolts, etc. may be used in the floor.

## Support Areas

### Pasant Theatre

**All support areas/equipment are shared between Pasant Theatre and Great Hall.  
Please check with Technical Facilities Manager regarding availability.**

**DRESSING ROOMS** (see pages # 20 & 21 for floor plans)

<u>Quantity</u>	<u>Capacity</u>	<u>Location</u>
3	1 person	1st floor
4 (2 pair)	3 person suite	2nd floor
1	3	" "
5	5	" "
2	20	" "
2	20 (no showers)	" "
1	20	3rd floor

All dressing rooms are equipped with make-up counter, mirrors w\lights, sink, toilet(s), and showers (except where noted above)  
Second and third floor rooms are accessible by elevator or stairs  
Suite dressing rooms share shower and rest-room facilities.

**Laundry Room**

Three heavy duty washers and three heavy duty dryers  
Two steam irons and ironing board  
Two Jiffy steamers with wand  
One deep tub sink  
Ten 6' long rolling costume racks  
NOTE: there is NO separate wardrobe room .

**Rehearsal Studio**

(rental space - located on third floor)  
34' 6" wide x 68' 4" long  
68' of mirrors (6' tall) along west wall  
Hardwood floor covered with Marley Dance Floor  
(same construction as Pasant Theatre floor)  
Accessible by elevator or stairs.

# **Electrical**

## **Pasant Theatre**

### **Company Switches**

**#1 Hook-up** : 120/208 VAC, 3 phase, 5 wire, 200A/leg.  
Located Up Stage Center, on back wall.

### **Lighting Control**

1 - ETC Expression 2X Console  
Located in a booth above the rear of the house in the catwalks  
House light control - ETC Snapshot  
Clear-Com communication and performance monitor in booth  
Worklight control (also controlled at Stage Manager Console onstage)

### **Circuits** (see page 14)

All computerized patching - one circuit per dimmer  
288 ETC Sensor dimmers: @ 2.4 KW

Catwalk:	187 - 20A circuits
1st Elec:	22 - 20A "
2nd Elec:	18 - 20A "
CYC floor pockets:	15 - 20A "
SL proscm wall:	3 - 20A "
SR proscm. wall:	3 - 20A "
Vomitory :	4 - 20A "

### **Miscellaneous Electrics**

(shared with Great Hall- check availability)

40 - 20amp stage pin two-fers  
10 - 24' diameter boom bases, threaded for 1½" pipe  
An assortment of 1½" pipe in various lengths  
8 - 14" diameter boom bases, threaded for 1" pipe  
2 rolling boom bases, threaded for 1" pipe

## **Lighting**

# Pasant Theatre

## Luminaries

<u>Quan</u>	<u>Size</u>	<u>Angle</u>	<u>Watt/lamp</u>	<u>Frame size</u>
10	ETC Source 4	10	575	12.00x 12.00
28	ETC Source 4	19	575	6.25x 6.25
20	ETC Source 4	36	575	6.25x 6.25
64	ETC Source 4	26	575	6.25x 6.25
60	ETC Source 4	Pars	575	7.5 x 7.5
10	6' 9" striplight	(1500/ckt)	500 FCZ	11 <sup>7</sup> / <sub>8</sub> "x 8 <sup>3</sup> / <sub>4</sub> "

## Follow Spots

Two - 1000 watt Strong Trouperette (FEL lamp)

Located in two enclosed booths above seating

Distance to proscenium at center line is 71'1"

Distance to DS edge of thrust at C.L. 50'9"

# Audio

## Pasant Theatre

### House Sound System

- 2 - “Monolith” Macpherson Audio Loudspeakers (see page 9)  
(located in proscenium wall 1-SR & 1-SL)
- 1 - Crown MA 2400 amplifier w/ PIP-AMCb  
Ashley seven band parametric equalizer

### **Control** (located at back of house)

- Ramsa WR-S16 Console, 16 inputs x 4 subs x 1 main output
- Clear-Com communication in booth
- The Pasant Theatre has a Phonic Ear system for the hearing impaired.
- There is a paging mic to all support areas at the SM console onstage.

### Auxiliary Audio

- (shared with Great Hall-check availability)
- 4 EV S 15-3 stage monitors
- 4 EV FM 12-3 floor monitors
- 1 portable rack w/: 1 Yamaha PML-180 mixer (6x2),  
& 1 Yamaha stereo active \_ octave EQ,  
& 1 QSC 1400 stereo amplifier,

### **Microphones – shared with Great Hall, verify availability**

- 4 SM81 -4 AKG 414 -3 Crown Pcc 160 -4 Senn 421 -3 Senn MKH40
- 1 AKG D12 -1 EV RE20 -3 Senn 431 -1 PZM 30D -2 PZM -2 Beyer M69
- 8 AKG 535 -4 Beta 58 -12 SM 58 -7 Beta 57 -3 SM 57
- 4 Audio Tech Uni-Points -3 Audio Tech Angel Mics -7 EV RE11
- 2 EV DS35 -3 EV RE10 -2 EV CS15E -4 BSS Active DI -3 DB1 DI
- 2 Countryman TYPE 85 Active DI

# **Properties**

## **Pasant Theatre**

### **Equipment**

(shared with Great Hall - check availability)

200 Black orchestra chairs

100 Music stands

80 Music stand lights

8 Wenger 3 step choral risers w/ 4th step addition

12 4'x 8' risers 8" high

12 " " 16" high

12 " " 24" high

12 " " 32" high

2 conductor podiums (grey carpet) w/ 1 railing

(1 med. , 1 Lg used separate or stacked for bi-level)

2 full height wooden lecterns

32 folding leg tables 30"x 70"

8 " " " 30"x 48"

(black table skirting available)

1 JLG personnel lift 36'

& an assortment of 4-wheel dollies & 2-wheel carts  
& rolling clothes racks

### **Rentals**

1 9' Steinway concert grand piano

1 7' Baldwin baby grand piano

1 Yamaha U 1 Upright

1 Wenger Band Shell (rolling panel type - transportation costs involved)

8 - 6'x 57' sections Marley dance floor (black/grey)

1 Fastfold projection screen 12'x 12' front projection only

### **Video**

The Pasant Theatre has a permanent in house closed circuit video system w/ color monitors backstage and throughout the lobbies.

It is a single camera system with a fixed position located in the projection booth at the rear of the house.

There is one VHS video record deck available for video taping.

Please call the Technical Facilities Manager for information.

## **Wireless Frequencies**

used on MSU campus

The MSU Campus has been called one of the most saturated areas  
for RF in the country!

Here are some of the frequencies used  
for professional wireless mics that we know of.  
(very long class room wireless system freq. list available)

<u>Breslin Center</u>	188.425,	189.000,
	189.320	199.420.

<u>Instructional Media Center</u>	170.325,	171.905,
<u>&amp; misc. Media radios</u>	175.000,	175.400,
	181.000,	184.400,
	185.150,	190.400,
	192.200,	215.200.

Television stations in the area

WLNS (CBS)	channel 6
WILX (NBC)	" 10
WKAR (PBS)	" 23
WSYM (FOX)	" 47
WLAJ (ABC)	" 56

**Hanging Plot**  
**Pasant Theatre**

The following lines **cannot** be cleared!

- #0 - Main Curtain
- #1 - VALANCE
- #2 - Cannot remove Raceway
- #10 - Cannot remove Raceway

<u>line #</u>	<u>US of Proscenium</u>	<u>Function</u>	<u>Curtain size</u>
*0	1' 4"	- Main Curtain	25'H x 32'W
1	1' 10"	- Valance	14'H x 56'W
2	3' 1½"	#1 Electric (22 circuits)	
3	4' 6"	Empty	
4	5' 9½"	Empty	
5	7' 1"	- Border	8'H x 61'W
6	8' 4½"	- Legs	28'H x 13'W
7	9' 8"	Empty	
8	10 11½"	Empty	
9	12' 3"	- Border	8'H x 61'W
10	13' 5½"	#2 Electric Cyclights(18 circuits)	
11	14' 11"	Empty	
12	16' 3"	Empty	
13	17' 7"	- Traveler	28'H x 63'W
14	18' 11"	- CYCLORAMA (Light Blue)	28'H x 61'W
15	20' 3½"	- Crossover lights	



## Pasant Theatre Pictures



Looking from stage left towards house right



Front of thrust to house center



House center left to stage