

SAINT MARY'S UNIVERSITY OF MINNESOTA  
PERFORMANCE CENTER

**JOSEPH PAGE THEATRE**  
Technical Information



700 Terrace Heights  
Winona, MN 55987

Revised April 2022

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PERFORMANCE CENTER  
Saint Mary's University of Minnesota  
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Winona, MN 55987

**Technical Director:**

Jason Underferth  
507/457-1720  
Box #83  
jaunderf@smumn.edu

Box Office: 507/457-1715 (Not staffed)

Scene Shop: 507/457-1737

Green Room: 507/457-1719

**House Capacity:**

Continental Seating

455 seats, including 8 wheelchair spaces

Eight Assistive Listening Devices available from the Box Office

**Box Office Hours**

Monday-Friday, 12:00 p.m. to 6:00p.m. Central Standard Time and  
One hour prior to performance curtain time

**For a 360° view of the stage, visit:**

<http://pagetheatre.org/about-us/facility-information/>

## STAGE INFORMATION

Proscenium Width: 42'-11" max. to 34'6" min.

Proscenium Height: 25'-0"

\*Bottom of 1st Catwalk to deck is at 21'-0", 2'-0" down-stage of Plaster Line

### DEPTH OF STAGE:

Front of Lift to Apron at widest point: 8'-10"

Front of Apron to Plaster Line: 3'-6"

Plaster Line to Pillars (Crossover): 32'-0"

Front of Pillars to Back Wall: 8'-6"

**TOTAL USEABLE DEPTH: 42'-4"**

Distance from Proscenium wall to control booth: Approx. 67'

### DISTANCE FROM FRONT CENTER SEAT:

To Lift: 5'-6"

To Stage: 14'-14"

### STAGE FLOOR CONSTRUCTION:

2" Vertical grain southern yellow pine on two layers of  $\frac{3}{4}$ " ply on 2x4 with  $\frac{3}{8}$ " resilient pads. Stage screws are prohibited. Nails and drywall screws except when Dance Floor is onstage.

DANCE FLOOR: Black Marley

### WING SPACE

S.R. Maximum: 27' 9" to Minimum: 23'-4" (18' plus 8' leg)

S.L. Maximum: 24'-0" to Minimum: 19'-11" (14' plus 8' leg)

Note: Depends upon placement of torm towers and placement of legs on pipe.

### ADDITIONAL STORAGE SPACE:

20'-0" x 30'-0" Scene Shop off stage right through roll doors 13'-7" wide x 15'-3" tall.

**Six Week Advance Request** if storage in shop is needed. Also, hallway outside of backstage entrance and hallway in basement near dressing rooms. Hallways cannot accommodate tall scenic pieces but the scene shop can.



## LOADING:

The loading dock door is located behind the Performance Center.  
Dock is through receiving room and scene shop at stage level.

DOCK HEIGHT ABOVE PARKING LOT: 3'-0"

DIMENSIONS OF DOCK/RECEIVING ROOM DOORS: 7'-10" W x 7'-10 ½" H

**For trucks larger than 22', parking lot has to be cleared to back up to dock.**

No dock plate available

Trucks may remain in the loading area from load-in through load-out if desired.

## PARKING:

Access must be arranged at least two weeks prior.

See Technical Director upon arrival.

## STAGE DOOR:

The stage door is located next to the dock door.



Loading Dock Entrance, Back stage door



Loading Dock Entrance through Scene Shop and onto Stage Right

## **ORCHESTRA PIT/LIFT**

Performance Center Technical Directors (TD), Assistant Technical Directors (ATD), Stage Managers (SM's), and Assistant Stage Managers (ASM's) are the only ones allowed to raise and lower the pit.

### **ORCHESTRA LIFT:**

Width: 40'-0" at widest point.

Depth: 8'-10" at deepest point.

See ground plan for exact dimensions, shape.

### **ORCHESTRA PIT:**

Width: 50'-0" at widest point.

Depth: 14'-0" at deepest point.

Orchestra Access: only if pit is at -8'-0" or -12'0".

ENTRY TO PIT: Through Trap Room.

### **ORCHESTRA SHELL:**

Front of Apron to US shell wall - 35'-1"

The acoustic shell has seven towers (walls) and two clouds (ceiling) pieces.

Twelve Source Four par lighting instruments are mounted into the ceiling.

NOTE: Shell towers are stored within the pillars US near the crossover

## **MUSICAL EQUIPMENT**

PIANOS: One Baldwin SD-10 ARTIST'S MODEL

One Yamaha C2 Grand Piano

MUSIC STANDS/LIGHTS: 30 Stands (more available upon request), 15 Lights

RISERS: 8 - Wenger Risers 4' x 8': Carpeted, up to 24" high legs

## **ORCHESTRA**

ORCHESTRA DRESSING FACILITIES: Depends on use of other rooms.

ORCHESTRA PRACTICE ROOM: Recital Hall (main floor), Studio (2<sup>nd</sup> floor).

## FLY SYSTEM

**RIGGING:** Single Purchase Counterweight Underhung Above Grid.  
Linesets at approx. eight inch on center.

STAGE FLOOR TO HIGH, NON ELECTRIC BATTEN TRIM: 59'-0"

STAGE FLOOR TO HIGH, ELECTRICS TRIM:

First Electric: 35'-6"

Second Electric: 34'-4"

Third Electric: 35'-7"

FLY RAIL: Stage Left, Stage Level

LOADING RAIL: Stage Left at +22'-0" and at Grid level +45'

TOTAL NUMBER OF SETS AVAILABLE FOR USE: See line set schedule and  
Contact Technical Director for current schedule

LINESETS EQUIPPED WITH PIPE BATTENS: All

COUNTERWEIGHT AVAILABLE: 70% of arbor capacity for all lines totaled.

SANDBAGS AVAILABLE: Approximately 20

LENGTH OF BATTENS: 56"-0"

MAXIMUM WORKING LOAD PER LINESET: 1,600 lbs.

DISTANCE BETWEEN LINESETS: On approximate 8" centers with some  
variation. See ground plan and/or section.

NUMBER OF LINE CLEARABLE WITH ADVANCE NOTICE: Negotiable.

Technical Director should be notified at least four weeks in advance and  
approval received before final plot is sent.

GRAND DRAPE: Green Velour Line 4. Operated manually as either a traveler  
from SR or flown from rail SL

HOUSE GOODS AVAILABLE:

(Technical Director will send CURRENT LINESET SCHEDULE)

Green Velour Border	Line 2	44' W x 28' H
Green Velour Grand Drape	Line 4	48' W x 28' H
Black Borders	3 @	45' W x 10' H
Black Legs (pr. ea. side)	6 pairs @	12' W x 28' H
Black Travelers (w/track)	Line 24	50' W x 28' H (border)
	Line 40	50' W x 24' H (border)
	Line 55	56' W x 24' H (US blackout)
White Cyc seamless muslin	Line 54	50' W x 28' H
Black Scrim	1 @	50' W x 28' H
White Scrim	1 @	50' W x 28' H

MOVIE SCREEN: 11'-8" W x 10'-10" H, Line 3, Da-Lite Fast Fold, **Rear projection only**

## ELECTRICS

### COMPANY BOXES AVAILABLE:

- One 3 leg, 5 wire, 400A Stage Right.
- One 3 leg 5 wire, 200A Stage Right.

### HOUSE BOARDS:

- ETC ION 1000, 1024 outputs, Universal Fader Wing 2x20 (Control Booth)
- Board may be moved into house for tech and rehearsal only
- Board may be moved to SR Stage Managers position
- iPad Remote Focus Unit available
- Additional DMX/ CAT 5 (IN/OUT) Ports available

### NUMBER OF CIRCUITS (DIMMER PER CIRCUIT)

- 208 @ 2.4K, 20A;
- 10 @ 6.0K, 50A

Dimmers - 1 - 179 Strand CD80's  
 Dimmers - 181 - 228 ETC Sensor Rack

### CIRCUIT LOCATIONS: (There are redundant circuits for easier two-fering)

-2.4K: 1,16	1 <sup>st</sup> Cat.; Spot Booth; Light Booth
2-15	1 <sup>st</sup> Cat.
217 - 228	1 <sup>st</sup> Cat: 2 - 6 cct multi w/ 25' sacopex
17-32	2 <sup>nd</sup> Cat.; (16) + (1) (6K)
33-48	3 <sup>rd</sup> Cat.; (16) + (1) (6K)
49-66	1 <sup>st</sup> Elec.; (18) + (1) (6K)
67-84	2 <sup>nd</sup> Elec.; (18) + (1) (6K)
85-102	3 <sup>rd</sup> Elec.; (18) + (1) (6K)
103-110	(3 Elec) Grid Drop Boxes (2 per box) 100' Multis. 4 boxes (8 circ total)
199-216	SL Grid Drop Circuits (3 @ 6cct each) 75' Multi (18 circ total)
181-186	SR Grid Drop Circuits (3 @ 6cct each) 75' Multi (18 circ total)
111-116	SR Mid Rail Boxes (3 @ 2 per box), 50 Multis. (6 circ total)
117-122	SL Mid Rail Boxes (3 @ 2 per box), 50 Multis. (6 circ total)
123, 124	HL Back Acting Deck (2)
125, 126	HL Front Acting Deck (2) TORM
127, 128	HR Back Acting Deck (2)
129, 130	HR Front Acting Deck (2) HR TORM
131, 132	HL Mid Acting Deck (2)
133, 134	HR Mid Acting Deck (2)

135, 136	HR Front Acting Deck w/ 25' Multi (2) HR TORM
137, 138	HL Front Acting Deck w/ 25' Multi (2)
139, 140	HL Quarter Front Pipe w/ 25' Multi (2)
141, 142	HR Quarter Front Pipe w/ 25' Multi (2) HR TORM
143, 144	SR Side Stage (2)
145, 146	SL Side Stage (2)
147, 148	SR Proscenium (2)
149, 150	SR Crossover Column (2)
151, 152	MSR Crossover Column (2)
153, 154	C Crossover Column; Orchestra Pit (2)
155, 156	MSL Crossover Column; Trap Room (2)
157, 158	SL Crossover Column
159,160	SL Proscenium
-6.0K: 161	1st Cat
163	2nd Cat
165	3rd Cat
167	1 <sup>st</sup> Elec.
169	2 <sup>nd</sup> Elec.
171	3 <sup>rd</sup> Elec.
173, 175	SR Loading Rail
177, 179	SL Loading Rail

## **SMU Performance Center Fixture Inventory**

### **Ellipsoids:**

**Source Four (575W)-HPL** - Can be lamped to 750w for specials

19 degree-(30)

26 degree-(34)

36 degree-(64)

50 degree-(32)

### **Extra barrels:**

10° (2), 19° (2), 26° (3), 90° (2)

### **Altman (750W) - EHG**

6 X 9-(10)

6 X 12-(10)

6 X 16-(12)

### **Zooms**

Source 4 Jr. Zooms (575w-HPL)-(8)

Altman 4.5 Mini Zoom (15° -30°) (750w-EHF)-8

### **Fresnels**

Source 4 Parnel (575W) HPL-(38)

Altman 6" (750W) BTN-(14)

Altman 8"(1K) BVT-(12)

### **Par Cans**

Strand Par 64 (1K MFL or WFL)-(8)

Altman Par 64 (1K MFL or WFL)-(8)

### **Cyc Unit**

4 Cell Colortran Far Cys (1K) FGT - (5)

MR16 XRAY 8' 4 circ UL - (5)

\*\*\*\* Please Note that fixtures out of commission for repair have not been "taken" out of the inventory. Please leave yourself some wiggle room. Also... please keep in mind that we are a multi-venue educational facility so some fixtures may be in use at an alternate venue. \*\*\*\*

To discuss fixture availability or for any questions, call or e-mail Jason at (507) 457-1720 or jaunderf@smumn.edu

### **Effect Units**

(15) Morpheus ColorFaders CMY mixing units for Source 4 Parnels - 5 on each electric

(2) Rosco ICues

(2) Rosco DMX Iris'

### **FOLLOWSPOTS AVAILABLE:**

(2) 1.2K HMI Lycian 1271 located in gel room above lighting booth.

\*Position CANNOT accommodate Super Troupers.

Distance of Throw to Proscenium wall: appx. 67'-0"

(2) Source Four 750's with spot harness. Either 19 deg with color changer and drop in iris or 10 degree with manual gel change. Hung on top bar in 3rd Cat or 3<sup>rd</sup> Cat Wells.

Distance of Throw to Proscenium wall: appx. 44'-0"

### **Accessories**

6 6" Top Hats

30 8" Top Hats

7 8" Barn Doors

20 6" Barn Doors

### **TEMPLATES:**

40 B size style for S4

30 A size style for S4

BOOMS/BOOM BASES: 10 @ 12'-0" Tall, 50 lbs. bases

40 -18" sidearms

CONNECTOR TYPE: 20A, 3 Pin Slip

### **Projection**

- Epson 12K Pro L1505UNL - Over stage mounted From Lineset 9, covers entire cyc
- ELPLU04 Lens



## SOUND SYSTEM



House board in booth position



Rear Speaker placement



Mains Speaker placement

Board moves to center of back of house when live music requires it.  
Cannot be moved further down into house.



### **Main Speakers**

2 - Electro Voice Mid-Hi Pack Single ND12A12" MB Woofer Xi-1122A/85F 12  
2 - Electro Voice Mid- Hi Pack Dual ND12A 12" MB Woofer Xi-2122MHA/42F

1 - Electro Voice Dual 18" LF system (Sub Woofer) Xi-2181AF, hanging center

REAR HOUSE EFFECTS SPEAKERS (L and R)

2 - Electro Voice Dipole-configurable 12" 3-way, 100° X 60° Xi-1123A/106F

FILL SPEAKERS ON STAGE, MOVEABLE (L and R) - Renkus-Heinz ST6/94

MONITOR SPEAKERS:

8 - Electro Voice SxA250 Powered 2 way Floor monitor

SYSTEM PROCESOR/ AMPLIFICATION:

1 - BiAMP Audiaflex CM 4 input/18 output  
2 - QSC 2 Channel, 200Watts/CH amplifier  
2 - QSC 2 Channel, 500 Watt/CH amplifier  
3 - QSC 2 Channel, 700 Watt/CH amplifier  
2 - Lowell AC Sequencer and surge protection

EQUALIZATION:

Room tuned to natural sound using "SMART" program technology. Internal equalization is available through Roland mixer.

### **House Mixer**

1 - Roland V-Mixer Live M-400 Digital Mixing Console; 42 - Input, 26-output  
\*Built in recording available through USB drive

2 - Roland RSS S-1608 Digital Snake: 16 inputs and 8 outputs on XLR connectors

Jack Locations - SL, SR, US crossover L&R, Orch. Pit

For playback, mixer is located in booth HR

For live music, mixer located back of house position, sits over 8 audience seats

Apple iMac with Q-Lab 4 available

## Microphones and Playback

### WIRELESS MICROPHONES:

- 6 - Sennheiser wireless G4 body pack transmitter with B3 elements
- 2 - Sennheiser wireless handhelds w/ e835 heads

### MICROPHONES:

- 8 Shure SM57
- 8 Shure SM58
- 1 Shure SM58 w/Switch
- 2 Shure SM58 Beta
- 4 Shure SM81-Uni
- 4 Crown PCC 160
- 2 Shure 55SH Series II
- 2 AT UniPoint AT853, hanging choir mic
- 1 Drum kit, CAD Audio Stage 7 - 7-piece pack
- 1 Barcus Berry 4000 Piano Pickup

- DIRECT BOXES: 1 Whirlwind IMP 2  
4 ProCo CB-1

### MICROPHONE STANDS:

- 20 Boom (7 short/19 long tripod)
- 8 Straight (round)
- 4 Tabletop

- MICROPHONE SNAKES: 1 - Rapco 200' 24 in, 4 out

### OTHER:

- 2 Yamaha Q2031 A Dual Chan. 1/3 Octave Equalizer
- 1 Conquest SPT-16B
- 1 Transformer Isolated Splitter Box
- 1 Mackie CFX-12 12 Channel mixer w/ phantom power

- CD PLAYERS: 1 - JVC XL-V261TN  
1 - Sony MXD-D3 CD/MD deck  
1 - Denon DN-T625

### TAPE RECORD/PLAYBACK:

- 1 Tascam DA-30MKII - DAT
- 1 Tascam 302 Dual Cassette

INTERCOMMUNICATION SYSTEM:

Telex. 8 Headsets and/or beltpack/headset stations available.  
Stations in booth, backstage, catwalks, loading trails, house.

STAGE MONITOR (PROGRAM) LINE:

To green room, make-up room, dressing room, costume shop, box office, scene shop, control booths, and some offices.

CLOSED CIRCUIT TELEVISION SYSTEM:

Monitors may be located in lobby, green room, stage right, stage left, orchestra pit, observation booth, Main Camera mounted above Center booth window. Other cameras may be located in observation booth, orchestra pit, stage right.

**STAGE/COMPANY MANAGER**

STAGE MANAGER LOCATIONS: SR or Light Booth

CROSS-OVER: Yes

SEATING PLANS AVAILABLE: Yes

UNION HOUSE: No

LOCAL CREW:

**Student stagehands.**

Crew call arranged at least four weeks in advance.

Because of class schedules, may have different people throughout the day.

Class schedules do impact load-in's and load-out's.

ADDITIONAL INFORMATION/PROBLEMS:

All cars, vans, and trucks need parking permits upon arrival.

FOR ADDITIONAL INFORMATION CONTACT:

Managing Director or Technical Director

**Dressing Rooms, Green Room, and Backstage**  
**Visitors Information**

**WARDROBE**

NUMBER OF DRESSING ROOMS: 1 Women's, 1 Men's, 2 Private, 1 Makeup Room

LOCATIONS:

- 15 person women's and men's in basement
- 2 one-person private next to Recital Hall (no showers)
- 60 second travel from basement to stage
- 30 second travel from Recital Hall to stage

TOILETS:

- Attached restrooms (non-public) to each dressing room
- Additional restroom next to green room

HOT/COLD WATER:

- All dressing and makeup rooms

SHOWERS:

- In attached restrooms of group dressing rooms

MIRRORS:

- Full length in all dressing rooms. Make-up room has make-up tables and lighted mirrors.

DRINKING FOUNTAINS:

- Bottle filler by elevator main floor
- In scene shop
- By costume shop (basement)

DO DRESSING ROOMS MEET EQUITY STANDARDS:

- Yes, but equity cot requires four weeks in advance notice.

COSTUME RACKS:

- Permanent wall mounted in dressing rooms; rolling, portable racks are available with 4 weeks notice.

IRONS:

- Standard household type, 1 Sussman Steam, in Costume Shop

LAUNDRY/DRY CLEANING:

- Washer/Dryer in Costume Shop;
- Several Dry Cleaners in Winona, but none same day.

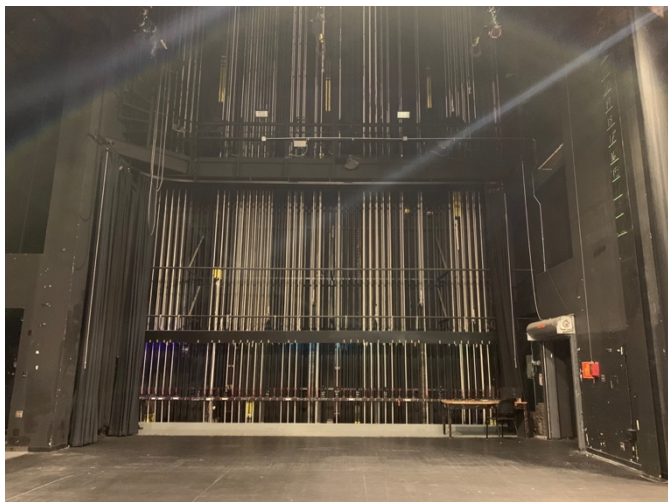
## PHOTOS



From SR to crossover, Shell towers sit between crossover and deck



Stage Right looking into shop and load-in area



Stage Left Fly Rail