



COLLEGE OF
Saint Benedict

Gorecki Family Theater

Benedicta Arts Center

TECHNICAL SPECIFICATIONS

Adam j Dahl - Production Manager

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FINE ARTS PROGRAMMING

College of Saint Benedict
37 South College Avenue
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Collegeville, MN 56321-2000
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DIRECTIONS TO THE BENEDICTA ARTS CENTER

From the Minneapolis/St. Paul Area and points east:

- Take I-94 West to St. Joseph, approximately 65 miles, exit #160, County Road 2.
- Turn right onto County Road 2 into St. Joseph.
- Turn right onto W Minnesota St.
- Turn right onto College Avenue - 2nd stop sign.
- Turn right into Saint Benedict's entrance (1/2 Mile)
- The entrance road continues to a circle in directly in front of the BAC
- Parking arrangements can be made upon arrival.

From the Minneapolis/St. Paul airport

- Take MN#5 West to I-494 West.
- Take I-494 West to I-94 West approximately 25 miles.
- Follow directions above.

From St. Cloud

Division Street is the primary thoroughfare in St. Cloud. Most restaurants and hotels are on or near it.

- Take Division Street (County Road 75) west to St. Joseph.
- Turn left onto College Avenue
- Go through four-way stop sign.
- Turn right into the Saint Benedict's entrance
- The entrance road continues to a circle in directly in front of the BAC
- Parking arrangements can be made upon arrival.

From St. Cloud Regional Airport

- Go northwest on County Road 65/45th Ave SE toward 12th St. SE (County Road 65/45th Ave. SE becomes 12th St. SE)
- Turn right onto US Highway 10 West
- Merge onto Minnesota Hwy 23 West toward St. Cloud. *Please note, as of March '08, the Desota Bridge on Hwy 23, which crosses the Mississippi River, is closed. Please follow the detour signs as they will direct you across the river and back to Hwy 23 (Hwy 23 West becomes County Road 75 N)*
- Follow directions above.

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PLEASE NOTE

The Gorecki Family Theater is part of the Benedicta Arts Center which means that the inventory of equipment is shared between multiple performance spaces. Some equipment may not be available in quantities indicated below for every performance. Please check with FAP Production Manager to verify any needs your performance may have. Additionally the Gorecki Family Theater and Escher Auditorium share a common Stage house (Fly-loft) separated by a 20 ton electrically operated sound door, located upstage of the Escher Proscenium opening.

MANAGEMENT

Production Room: Available upon request.

Green Room: located across the hall from dressing rooms down one flight of stairs from stage.

Stage Manager's Console: Located stage left at proscenium, 2 channel Clear Com

Rehearsal Rooms: Available upon request.

Crews: Paid student staff.

Handicap Accessible: Stage and dressing rooms accessible via elevator, Booth and catwalks via staircase.

Policies: House opens 1/2 hour prior to curtain. Normal curtain is 7:30pm. Building is a smoke free environment.

Tech Table: Four (4) available upon request.

LOAD-IN AREA

Dimensions: Dock height is 3'-3" and 12'-0" wide. One truck can be accommodated at a time. Loading door (garage door), 10'-8" wide x 9'-3" high, opens to inner dock area (29'-0" x 30'-0") which leads to a hallway (7' wide x 50'-0" long). This leads to stage doors 9' high x 6'-6" wide. Items should be sized appropriately. 53' trailers with a standard cab will fit, however tractor must unhook while not backing in/out. Parking available.

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CARPENTRY

Seating: 292 permanent seats. Lower section of seating consists of 4 movable wagons so as to permit use of a full thrust stage.

Stage Dimensions:

Proscenium: 40'-7" wide x 20'-0" high. Stage depth = 35'-0".

Wing Space: Stage Left = 23'-6" X 33'-10" / Stage Right = 19'-6" X 33' -10". Spiral staircase DSL

Grid Height: 54'-0"

Orchestra Pit: 7'-10" x 32'-0"

Stage Height: 2' 3-½" above house floor.

Stage Floor: (Stagehouse) Robbins Bio-Cushion II with red oak painted black. *Gerriets Vario* portable marley dance flooring is available, reversible black/grey.

House Draperies (Goods):

- **House Curtain:** Eggplant IFR Charisma Velour Main Curtain on Lineset 35. Operation is manual. (fly only)
- **Legs:** Five sets of black velour legs at 27' high x 12' wide, w/50% fullness.
- **Borders:** Five black IFR Charisma velour borders at 12' high x 60' wide, w/50% fullness.
- **Full Stage:** Four black IFR Charisma velour travelers at 26' high x 62' wide, w/fullness. These goods are permanently rigged.
- **Scrim:** One black, IFR sharks tooth scrim at 30' high x 60' wide.
- **Cyclorama:** One FR seamless white muslin Cyc at 26' high x 60' wide.

Line Set Data:

- **Line Plot:** See Appendix A
- **Working height of battens:** High trim on all but electrics is 48'-5" above the deck. High trim on electrics is 43'. Low trim on all lines is 4'10" above the deck.
- **Battens:** 31 - 60'-1" double battens, 1'4" center to center, 1 1/2" schedule 40 pipe, 5 lift lines.
- **Type:** All lines are single purchase, T-Track counterweight.
- **Arbor capacity:** 1,100 lbs. (evenly distributed) per pipe.
- **Available weight:** 9000 lbs
- **Loading gallery:** Located on stage right at 46'-0" above the deck.
- **Locking rail:** Stage right at deck level.

CARPENTRY cont.

Support Areas:

Crossover: Hallway one level below stage level accessed by stairs leading to the dressing rooms DSL and DSR

FOH Access: Hallway on either side of house.

Lower Level Access: dressing rooms, green room and wardrobe are accessed by stairways DSL and DSR, Orchestra pit elevator for large items.

Storage: Inner loading dock area (29'-0" x 17'-0"), shop, and Escher stage.

Shop Area: Located stage right through a doorway 9'-8" wide x 9'-2" tall. Tools available upon request

Power

Two 400 amp Company Switches available - 120/208; 3 phase, 400A/leg. Located on stage right wall.

One 200 amp Company Switch Available - 120/208; 3 phase, 200A/leg. Located on stage right wall.

Only 800 amp draw can be used simultaneously.

Company switches located Stage Left

LIGHTING

Dimmers: 320 ETC Sensor 2.4Kw dimmers.

Control: ETC Gio – with 20 fader wing, and wireless remote.

Houselights: ETC Unison Control for house, aisle and worklights.

Circuits: FOH has 80 circuits. / Stagehouse has 167 circuits. All circuits are 2.4kw and the Stagehouse has 5 electrics, a torm strip on each side of the proscenium US & DS, and 2 floor pockets on each side of the stage. Extra circuits available upstage of stage house in adjoining theater.

Front of House Positions:

1st catwalk, top light

2nd catwalk, 27' throw at 49°

3rd catwalk, 37' throw at 35°

4th catwalk, 48'7" throw at 25 °

Front of House Transfer: None available

LIGHTING cont.

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Equipment Inventory:

45 ETC "Source Four" 19° ERS, 575w, 2P&G.
80 ETC "Source Four" 26° ERS, 575w, 2P&G.
68 ETC "Source Four" 36° ERS, 575w, 2P&G.
11 ETC "Source Four" 50° ERS, 575w, 2P&G.
48 ETC "PARNel, 575w, 2P&G.
30 ETC "Source Four PAR, 575w, 2P&G
28 Altman PAR 64, 1kw, Wide, 2P&G.
24 Strand 8" Fresnels, 1000w, 2P&G.
21 Strand 6" Fresnels, 750w, 2P&G.
16 L & E 3-Bay Cyc 1kw, 2P&G.
12 Multiform HP3-90 LED wash fixtures

Color cut size for ETC units is 6" square.
8" units is 10" square.
6" units is 7-1/2" square.
Cyc Lights is 12" X 16"

Follow spots: 2 Source Four's mounted on spotlight bases.

Hardware: 14-6" barn doors, 17-8" barn doors, 70-18" side arms, 4 safer side arms, 40 ETC Pattern holders; 7-ETC Iris Kits, 40 source 4 top hats, 6 donuts, 20 floor plates, 14-50# bases for 8,10,12,16 or 20' boom pipes.

Cable: All lights and cable have stagepin connectors. 1500 feet in 5's, 10's, 25's, and 50's, 42 two-fers, 16 three-fers. A variety of adapters available, stagepin to edison M & F. 700 feet of socapex, break in's and out's.

**-Overhead focusing is done with a JLG 2630 electric scissors lift. All manufacturers' requirements will be adhered to when using the lift.
Lift can be driven while elevated.**

SOUND

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Control Locations: booth location at back of house

Hearing Assist System: Listen Technologies FM auditory assistance system, with 8 receivers available.

Monitoring: Yes

Production Communications: Clear-Com, 2 channel wired base, 18 headsets, 10 wired beltpacks, with station location as follows: 3- SM console SR, 1- SL @ Fly Rail, 1- HR & HL in follow spot booths, 2- in sound booth, 2- in light booth, 1- located on back of each proscenium wall (4 total). Wireless available upon request.

Microphones: 3 Shure SM57 dynamic. 5 Shure SM58. 6 AudioTechnica AEW-T4100 wireless handheld, 8 AudioTechnica AEW-Y1000 lavalieres (headset mics available upon request). 5 Crown PCC 160 (Phase Coherent Cardioid) 3 black 2 white, 2 AKG C214's, 3 AKG C1000, 1 AKG Rhythm Pack (drum mic package), 1 Shure Beta 52A

Playback: Playback available upon request

Amplifiers: Stage Monitor Amplifiers-- two (2) Crown Macro-Tech 600, 300 watts per channel
Fixed Speaker Amplifiers— one (1) Crown XTi 2000, 1000 watts per channel; one (1) Crown XTi 1000, 1000 watts bridged (sub)

Fixed Speakers: Two (2) Turbosound NUQ8's, One (1) B15 Subwoofer

Cable: 1000' three pin XLR male to female. 500' speakon, 1 12/4 50' snake, 1 24/8 250' snake. Variety of adapters available.

Stands: 12 straight stands, 14 boom stands, 2 mini boom stands

Mixing Console: QSC Touch Mix-16 digital board. 16 in 8 out.

Monitor Speakers: Four (4) JBL TR105 wedge monitors, 225 Watts w/ 60 Hz to 20 kHz freq. response.
Four (4) JBL PRX612M active speakers available upon request
Six (6) UPA-1P active speakers available upon request

PROPS

Orchestra Pit: 7'10 x 32', 6' ½" below stage level, 3'8 ½" below house level.

Chairs: 110 Wenger Musician chairs. Black, padded.

Stands: 40 Wenger model 18 black.

Conductor: Conductor podium and stand available upon request.

Stand lights: 40 - 120v non-dimmable.

Orchestra Shell: None available.

Platforms: 12-4' x 8' Wenger "Versalite" with 8", 16", 24", 32" legs, flat black, hard board surface.

Dance Floor: 50'-0" w x 35'-0" d, *Gerriets Vario* portable flooring available, reversible black/gray. Black gaffers tape only.

Lecterns: Two (2) non-adjustable mahogany.

WARDROBE

Dressing Rooms: Two (2) make-up rooms with lighted mirrors, counter space and chairs for 15 people each. Both are adjoined by shower rooms with direct access to the Costume Shop. Each shower room contains two shower stalls, two lavatories, two sinks and a full-length mirror. The **Guest Dressing Room** has two lighted mirrors, counter space, two small cabinets, and a restroom with sink, lavatory and shower.

Dressing rooms are located one level below the stage with direct access to either stage right or stage left.

Wardrobe Area: Adjacent to dressing rooms. Access requires advanced notice.

Irons: 2 industrial steam.

Ironing boards: 2

Steamers: 1 portable.

Washers/Dryers: 1 set; Whirlpool, no fee.

Racks and hangers: 4 rolling "Z" racks available.

Quick Change Booths: As requested.

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Appendix A

LINE SET #	DESCRIPTION	DIST. FROM PLASTER	TRIM HEIGHT
35	Gorecki Main Curtain	2'-11"	
34		3'-6"	
33	5th Electric - (20 circuits)	4'-10"	
32	Traveler	6'-3"	
31		6'-11"	
30		7'-4"	
29		7'-9"	
28		8'-2"	
27		8'-6 ½"	
26		8'-11"	
25	4th Electric - (24 circuits)	10'-3"	
24		12'	
23		12'-11"	
22		13'-5"	
21		15'	
20	Traveler	16'-2"	
19	3rd Electric - (20 circuits)	17'-8 ½"	
18		19'-4"	
17		20'-4 ½"	
16		21'	
15		22'-3"	
14	Traveler	22'-11"	
13		23'-8 ½"	
12	2nd Electric - (25 circuits)	24'-11 ½"	
11		26'2 ½"	
10		27'	
9		27'-9"	
8		28'-3"	
7		28'-8.5"	
6	Traveler	28'-3"	
5		29'-4"	
4		30'-3"	
3	1st Electric - (24 circuits)	31'-5"	
2		32'-4"	
1	Auditorium Main Rag	33'-1 ½"	

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