



Saint John's
UNIVERSITY

Stephen B. Humphrey Theater

TECHNICAL SPECIFICATIONS

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FINE ARTS PROGRAMMING

Revised 8/16/2011

College of Saint Benedict
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Saint John's University
P.O. Box 2000
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DIRECTIONS TO THE STEPHEN B. HUMPHREY THEATER

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

I-694 and I-494 are the main interstate highways in Minneapolis, which connect with I-94 West. I-94 West is the main interstate highway leading from Minneapolis and Saint Paul into the Saint Cloud area and to Saint John's University. Follow **I-94 West** to the St. John's University exit (**exit 156**), approximately 100 miles from Minneapolis and Saint Paul. Head **South** on **County Road #159**, which will lead you directly onto campus. Continue past the athletic complex to the loop in front of the Abbey Church (you will see the Abbey Bell Banner in front of you). The Stephen B. Humphrey Theater is located on the right side of the loop as you face the Abbey Church. Parking arrangements can be made upon arrival.

From the Minneapolis / Saint Paul International Airport (Charles Lindbergh Terminal):

Take **Highway #5** leaving the airport's main entrance. Highway #5 connects directly with Interstate 494. Once on I-494, follow the directions listed above.

From the Fargo, ND / Moorhead, MN Area and points west:

From the Fargo and Moorhead area, take **I-94 East**. The Saint John's University exit (**exit 156**) is approximately 165 miles from the Fargo / Moorhead area. Once at the Saint John's Exit, go **right** (south) on **County Road #159**, which will lead you directly to campus. Continue past the athletic complex to the loop in front of the Abbey Church (you will see the Abbey Bell Banner in front of you). The Stephen B. Humphrey Theater is located on the right side of the loop as you face the Abbey Church. Parking arrangements can be made upon arrival.

From the Fargo / Moorhead International Airport (Hector International):

From the main entrance of Hector International Airport, go **West** on **BR-81**. This highway will intersect with Interstate 29. Go **left** on **I-29** until you reach **Interstate 94**. Go **East** on **I-94**. This will take you out of the Fargo/Moorhead area and point you in the direction of Saint Cloud and Saint John's University. Once on I-94 East, follow the directions above.

MANAGEMENT

Production Room: None Available

Green Room: None Available

Stage Manager's Console: None Available

Rehearsal Rooms: None Available

Crews: Paid student staff.

Access: Wheelchair Entrance on south side of the building. Wheelchair seating available house left or right.

Policies: House opens ½ hour prior to curtain. Normal curtain is 8:00pm. The Stephen B. Humphrey building is a smoke free environment.

LOAD-IN AREA

Dimensions: Load in area consists of outside stairs 5'-0" total height and 8'-0" wide leading to outside double doors 7'-8" high x 5'-6" wide and 9'-5" diagonal. Crosses hallway to garage door 9'-2" high x 6'-10" wide on stage left. Flats should be sized appropriately.

Notes:

- SBH can provide ramp from truck to top of stairs.

CARPENTRY

Seating: 515 permanent seats. 20 temporary seats can be added at back of house if necessary.

Stage Dimensions:

Proscenium: 29'-7" wide X 21'-0" high. Stage depth =24'-0". Apron=14'-6".

Wing Space:

Stage Right = 12'0" X 24'-0".

Stage Left =15'-0" X 24'-0".

Grid Height: 44'-0"

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CARPENTRY cont.

Orchestra Pit: 14'-0" X 28'-0"

Stage Height: 2'-3"

Stage Flooring: ¾" Hardwood flooring over 3/8" Plywood. Floor is blonde in color and finished with high gloss polyurethane.

House Draperies (Goods):

House Curtain: Pewter colored IFR velour that can be drawn or flown is located on line set #2. Operation is manual.

House Valance: Pewter colored IFR velour that can be flown is located on line set #1. Operation is manual.

Legs: Two sets of black IFR velour legs at 20'-6" high x 9' wide, with fullness.

Borders: Three black IFR velour borders at 4', 6' and 8' high x 42' wide with fullness.

Traveller: Two black IFR velour drape at 20' high x 20'-6" wide. Operation is manual and track is permanently affixed to lineset 12

Full Stage: Is 4 Black IFR velour drape at 20' high x 10' wide, w/fullness.

Cyclorama: One seamless white muslin cyc at 20' high x 36' wide.

Scrim: One black, seamless sharkstooth scrim 19' high x 36' wide

Line Set Data:

Line Plot: See Appendix A

Working height of battens: High trim on all but electrics is 38'-0" above the deck. High trim on electrics is 33'-0". Low trim on most lines is 3'-10" above the deck.

Battens:

- 27 Total
- 42' 0" in Length
- Constructed of two 1 ½" schedule 40 pipes on 6" centers
- Three lift lines

Type: All lines are single purchase, T-Track counterweight.

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CARPENTRY cont.

Arbor capacity: 1,000 lbs. (evenly distributed) per pipe.

Available weight:

Loading gallery: Located on stage right at 24'-0" above the deck.

Locking rail: Stage right at deck level.

Support Areas:

Crossover: Hallway directly behind stage, with access through doors downstage left, downstage right and upstage right.

Access: From front of house: located both house left and right through a 2'-10" wide door. Dressing rooms are located under the house.

Shop Area: None. Minimal tools available.

Storage: Minimal storage in hallway behind stage.

LIGHTING

Dimmers: 110 Strand CD-80, 2.4Kw dimmers.

Control : ETC Emphasis Server with Express Faceplate. ETC Net2 located in booth, onstage, and in the middle of the house.

Houselights: Control locations both stage right and via Console/DMX

Circuits: FOH has 30 circuits. Stage has 74 circuits. All circuits are 2.4Kw
Stage has 4 overhead electrics, and 2 floor pockets on each side of the stage with three circuits each.

Circuit Chart: See Appendix B

Front of House Transfer: None available

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LIGHTING_{cont.}

Front of House Positions:

- 1st catwalk, 49' throw at 42°
- 2nd catwalk, 60' throw at 33°

Equipment Inventory:

Front of House Instruments:

16 ETC Source Four 19°, 575w, stage pin connectors.
Color cut size is 6" for ETC instruments.

Stage Instruments:

20 ETC Source Four 36°, 575w, stage pin connectors.
19 ETC Source Four 26°, 575w, stage pin connectors.
12 Altman PAR 64, 1kw, Wide, stage pin connectors.
25 Strand 6" Fresnels, 750w, stage pin connectors.
4 Strand Ianaro 3 cell cyclights, 1kw per cell, stage pin connectors.
Color cut size for 8" units is 10" square, ETC cuts are 6" square.

Follow spots: 2 Phoebus Ultra Quartz (model - UQ 120/82) Located at front of balcony on both house right and left.

Hardware: 4-12' booms, 10 ETC pattern holders.

Cable: 500' of 5', 10', and 25' of cable

Video Equipment: available upon request

Notes:

• FOH lighting position can only be focused straight on, due to FOH opening. Overhead focus is done with a Genie personal lift system. All manufacturers' requirements will be adhered to when using the lift.

SOUND

Power: See Lighting Power

Control Locations: booth location at back of house.

Hearing Assist System: Listen Technologies FM auditory assistance system, with 10 receivers available.

Monitoring/Paging System: Dressing room paging system is integrated into Clear-Com (booth) base station & stage positions. An overhead mic & board 2 track out feed dressing room and makeup room audio monitors. Program input possible.

Production Communications: Clear-Com, Dual channel base (Channel B paging system) 6 headsets, with station location as follows:

Ch A & B	Ch A only	Ch B only
1 Sound Booth (base station)	1 Center of house row J	1 Dressing Room
1 Stage Right	1 Stage Right	
1 Stage Left	1 Stage Left	
2 Light Booth	1 Orchestra Pit	

Equipment Inventory:

Mixing Console: Allen & Heath ML-3000. 40 inputs, 4 groups, 8 VCA groups and LR master output. 8 auxiliary sends with masters.

Processing: 4 dbx 166XL dual compressor/limiter/gates with inserts
 8 channels of insertable EQ's via 2 dbx DriveRack 442 with 1 dbx DriveRack remote
 2 Yamaha SPX 2000 effects processors.

FOH Speakers: 2 Tri-amp Mackie SR1530 powered speakers, mounted above apron left and right.

Monitor Speakers: 2 JBL PRX500 speakers, 500 watts

Microphones: 4 Shure SM58 Omni-Directional mics
 3 SM57 Directional mics
 1 Shure Beta 52a kick drum mic
 4 Shure Wireless mics either SM58 Omni-Directional handheld or Shure wireless lapel
 2 Shure WH30 headsets for Wireless lapel system

Playback: 2 Denon DN-C620 CD players

Recording: 1 Marantz Solid State Recorder PMD560 (compact flash card)

Cable: 500' of 10', 25', and 50' lengths of 3 pin XLR.

PROPS

Orchestra Pit: 14'-0" X 28'-0" X 6'-3" in height

Music:

Chairs: 19 Wenger Musician Chairs.

Stands: Wenger and Manhasset stands. One (1) Wenger Conductors stand

Stand lights: 8 Wenger stand lights

Orchestra Shell: Wenger Series 61 Rollaway Acoustical Shell.

Platforms: Available upon request.

Dance Floor: Stage Step- Bravo B to cover stage; black gaffers tape only

Lecterns: One (1) non-adjustable lectern.

WARDROBE

Dressing Rooms: One (1) make-up room with lighted mirrors, counter space and chairs for 16 people, two full-length mirrors. Dressing rooms are between makeup room and shower rooms. Each shower room contains one shower stall, two lavatories, and two sinks. Dressing rooms are located one level below the stage with direct access to either stage right or stage left.

Wardrobe Area: Make-up room.

Irons: 1 portable.

Ironing boards: 1 portable.

Steamers: 1 portable.

Washers/Dryers: None available

Racks and Hangers: 2 rolling clothes racks available.

Quick Change Booths: As requested.

Line Set Schedule

Batten	Distance	Description	Trim Height	Weight
1	1'-2"	Valance		
2	1'-8"	House Curtain		
3	3'-3"	1st Electric - (17 circuits)		
4	5'-0"	Legs		
5	6'-0"			
6	6'-6"	Border		
7	8'-3"			
8	9'-9"	2nd Electric - (15 circuits)		
9	10'-9"	Border		
10	11'-3"	Projection Screen		
11	11'-9"			
12	12'-6"	Traveller (track not movable)		
13	13'-0"			
14	13'-6"			
15	14'-0"			
16	15'-3"	3rd Electric - (12 circuits)		
17	16'-6"			
18	17'-0"			
19	17'-6"	Border		
20	18'-0"	Legs		
21	18'-6"			
22	19'-0"			
23	19'-6"	Full Stage Black (4 – 10' legs)		
24	20'-6"	4th Electric - (10 circuits)		
25	21'-9"	Rear Projection Mirror (not moveable)		
26	22'-3"	REMOVED		
27	22'-9"	Scrim		
28	23'-3"	Cyc		
	24'-0"	Back wall of Stagehouse		

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