



Sandra Levine Theatre

Sarah Belk Gambrell Center for Arts and Civic Engagement

Venue Technical Specifications

**Revised January 4, 2023*

Gambrell Center Contacts

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Location

Mailing Address

Campus Box 1365
1900 Selwyn Ave.
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Physical Address

2319 Wellesley Ave
Charlotte, NC 28274

Stage Dimensions

Proscenium opening	28'0" tall by 43'3" wide
Total stage deck area	72' wide by 41' deep
Stage Depth from plaster line	31'6"
Centerline to SL wall	36'9"
Centerline to SR wall	35'3"
SL wing Depth (from proscenium)	15'3"
SR wing depth (from proscenium)	13'7" (last 3'6" has low clearance from fly rail)
Clearance under SR fly rail	8'4"
Fly rail overhang begins	10'1" (from proscenium)
Ceiling Height	36' to underside of I-beams
Apron width	39' (approx)
Apron depth*	4'0" (stage edge to plaster line)
Orchestra pit depth**	9'7" from centerline to plaster line 6'6" SL/SR to plaster line
SL Column (obstruction)	13'6" from plaster line & 11'11" from SL wall
SR Column (obstruction)	13'6" from plaster line & 10'4" from SR wall
Stage Height	3'0" to orchestra level floor
US Crossover	4'0" from soft goods to rear wall of theatre

*orchestra pit removed/seated (standard configuration)

**orchestra pit will be configured as orchestra seating unless otherwise advanced

Loading Dock

One truck dock is available, need dock plate. Dock faces Queens parking lot, adjacent to cafeteria. Dock door is 7' x 7' clear. There is a ramp down from the loading dock door directly to stage left wing. Ramp is a 2'7" rise over a 10'7" length (14 degree incline). Dock is 4'3" above grade.

Dock bay is intended to accommodate a 26' box truck max due to constraints with the parking lot. If you need a larger truck, advanced notice will be needed to coordinate emptying and cordoning of the parking lot to accommodate larger vehicles.

There is currently no shore power available.

Soft Good Inventory

Qty	Type	Color	Size (h x w)
2	Main Curtain Panel	Navy	28' x 29'
1	Main Valence	Navy	8' x 58'
3	Border	Black	2 @ 6' x 58' 1 @ 4' x 58' 1 @ 3' x 58' (unused)
4	Leg	Black	28' x 10'
4	Traveler Curtain Panel	Black	28' x 29'
1	Cyc	White	28' x 58'

Gallery Schedule

Line Set	From Plaster	Item	Operation	Batten Length	Live Capacity (lbs)
1	0'6"	Grand Valence	Hand Winch*	58'	1100
2	1'0"	Grand Drape	Dead Hung	58'	1740
3	2'6"	1 st Electric	Motorized	52'	1560
3.5	5'5"	Empty Batten	Dead Hung	58'	1000
4	7'0"	Border #1	Hand Winch*	58'	1140
5	8'0"	Legs #1	Dead Hung	58'	1100
6	8'6"	Projection Screen**	Dead Hung	58'	1740
7	12'6"	2 nd Electric	Motorized	52'	1560
8	18'3"	Border #2	Hand Winch*	58'	1100
9	19'3"	Traveler/Leg #2	Dead Hung	58'	1740
10	21'6"	3 rd Electric	Hand Winch*	52'	1560
11	25'6"	Border #3	Hand Winch*	58'	1100
12	26'0"	Legs #3	Dead Hung	58'	1740
13	27'3"	Empty Baten	Dead Hung	52'	1000
14	29'6"	4 th Electric	Hand Winch*	52'	1560
15	32'0"	Backdrop Pipe	Hand Winch*	58'	1740
16	32'6"	Traveler	Dead Hung	58'	1740
17	33'0"	Cyc	Dead Hung	52'	1560
18	33'6"	Traveler***	Dead Hung	58'	1740

*note these battens are adjustable trim height ONLY, they do not come in to deck for instrument hang

**Projection screen is motorized, screen & motor assembly is dead hung on batten; fixed

***traveler hung upstage of cyc as a light & movement barrier for upstage crossover

I-beams above stagehouse are at 8-foot centers and there is a beam directly over centerline. Load rating of over stage I-beams are currently being determined.

Lighting Positions

Lighting fixtures are pre-set in a rep plot configuration. Client is responsible for restoring plot to this configuration upon load out. All changes to the rep plot should be advanced and must be approved. Client responsible for all labor costs to modify and restore rep plot.

- **FOH Balcony Rail** (need fall prevention harness to access from balcony)
 - 19' from railing to orchestra level stair, 63'9" to front lip of stage
 - No fixtures present
- **FOH Mezzanine Rail** (accessible with ladder)
 - 9'4" from railing to orchestra level stair, 67' to front lip of stage
 - 2 ColorSource Ellipsoidal Spotlights, 36 degrees (curtain warmer)
- **FOH Catwalk** (fully accessible from catwalk)
 - 35'8" from railing to orchestra level, 30' to front lip of stage
 - 10 ColorSource Ellipsoidal Spotlights, 19 degrees (downstage face lighting)
 - Room available for follow spot (rental item)
- **FOH Orchestra Cove**** (overhead, fully accessible from catwalk)
 - 32'7" from railing to stage deck
 - Pipe in line with front lip of stage
 - 5 ColorSource PARs (top light)
- **1st Electric**
 - 5 ColorSource Ellipsoidal Spotlights, 26 degrees (centerstage face lighting)
 - 5 Color Source PARs (top light)
- **2nd Electric**
 - 5 ColorSource Ellipsoidal Spotlights, 26 degrees (upstage face lighting)
 - 5 Color Source PARs (top light)
- **3rd Electric**
 - 5 Color Source PARs (top light)
- **4th Electric**
 - 5 ColorSource PARs (top/back light)
 - 9 ColorSource Cyc Fixtures (hung)

***Please note that the orchestra cove position is a limited hang position due to physical obstructions. Fixtures hung here need a stirrup and extension pole, or a c-clamp with an elongated shaft in order to lower the fixtures approx. 5 feet in order to have clear visibility. The venue has dedicated fixtures here that cannot be moved. Additional fixtures brought in will need this hardware and are the sole responsibility of the client.*

Lighting Inventory

Qty	Type
10	ColorSource Ellipsoidal Spotlight - 19 degree
10	ColorSource Ellipsoidal Spotlight - 26 degree
2	ColorSource Ellipsoidal Spotlight - 36 degree
25	ColorSource PAR
9	ColorSource Cyc Fixture (hung)

- Please see above information on “Lighting Positions” for important information on fixture hang positions and the venue’s rep plot policies.
- DMX & PowerCon cable inventory is sufficient for the rep plot described above. Client should assume responsibility to provide all cable for deviations from the rep plot and/or for added fixtures to the plot.

Lighting Control

- ETC Ion Xe 20 Console, 24 universe DMX outputs
- No dimmers onsite
- 400 amp company switch, 3 phase, located backstage left in piano storage room; cable pass throughs allow for running cable down into basement and back up at front-of-house and/or control room; client responsible for bringing cam lock turnarounds
- Stage pin circuits throughout for non-dim hookup of LEDs & intelligent lighting
- Architectural panel is ETC Paradigm with touchscreens backstage right and in the control room: can control preset stage light & house light options, projection screen/projector, and video source selection.
- House Lighting on/off sub stations located at each audience door (lockout option available from the architectural panel in control room)

Video/Projection System

- **Projector:** E-vision 130,000 WU Laser Projector; 12,500 lumens; zoom lens
- **Projection Screen:** motorized, fixed; 7’0” upstage of plaster line
- **Hookup:** HDMI, VGA, USB, and 1/8” audio inputs backstage right and in control room
- **Blueray/DVD:** player rack mounted in control room
- **Confidence Monitor:** portable video monitor, available upon request

Lift Equipment

- JLG push-around vertical mast lift; 29’-10’ platform height. 120v P/N 30AM-AC with Elk River 42109 Universal Harness/MB/M-2XL; dedicated to the venue

- Lift equipment may only be operated by certified technicians under the employ of Queens University. Client will assume cost of labor for hang & focus of lighting, sound, or scenic elements.

Sound System

- **Mix Position:** located in the control room (behind glass wall - studio monitors available)
- **Alternate Mix Position:** under mezzanine, house left of control room (Rows U & V) requires advance notice so these seats can be killed. Client responsible for time & labor to load in & out mix equipment to and from this location. Conduit in place to allow run of cables from house into control room.
- **System Processing:** Symetrix Prism 8x8 Digital Signal Processor, Dante system
- **Db Limit:** 97 db continuous except where duration exceeds 3 hours, then follow able G-16 section 1910.95(b)(2) on OSHA standards for occupational noise exposure
- **Mix Console:** Allen & Heath SQ6 - 48 input, 16 output capacity (24 local in/12 out)
- **Stage Patch:** A&H DT-168 16 in/8 out in rack mounted in wall box backstage right; additional A&H DT-168 16 in/8 out stage box available upon request – can be tied in via Dante Primary/Secondary ports SL or SR at plaster/proscenium. D-snake functions in place of physical installed sends and returns.
- **Main PA System:** RCF HDL 26-A active stereo line array consisting of (12) stacked modules on each side of the proscenium; (3) Adamson Sound CS119 active subwoofers in cardioid arrangement hung over proscenium; (6) RCF TT-052-A-MKII lip fills available by request. Line array and subs are dead-hung and cannot be removed.
- **Monitor Speakers:** (4) Tannoy AMS6DC speakers mounted on backstage rails to deliver a full-stage monitor feed [general music playback, etc.] and (4) Yamaha DXR10 active wedges – available upon request
- **Booth Monitors:** (2) Yamaha HS71 active studio monitors, wall mounted
- **Lobby Show Relay:** (8) Tannoy CVS6 in ceiling speakers
- **Paging/Show Relay:** show relay available in green room and basement level dressing rooms only; stage level dressing rooms within earshot; paging mic set up by request
- **Listening Assist:** Listen Technologies LS-58-072 (FM transmitters & receivers, optional neck loop for T-coil interface; 12 receivers with earpieces available
- **Intercom:** Clear Com digital partyline system with wired beltpack connections available backstage left (at proscenium), and in FOH catwalk; master station located in control room with remote station at wall box backstage right (Stage Manager station); wall mount stations located in green room and basement level dressing rooms for additional paging; total of 8 single ear headsets available. 2 wireless headset units also available for use backstage.
- **Cables & Stands:** small inventory of standard mic cables & stands adequate for the general hook up of microphones in inventory. Client should assume responsibility to provide all cable and stands for additional microphones brought into the venue or for any anticipated long runs of cable that are necessary, as well as any necessary adaptors.

Microphones

- **Wireless:** (8) QLXD24 wireless receivers with (8) SM 58 handheld microphones and (2) QLXD1 bodypack transmitters with CO-8WS style lavalier condenser microphones
- **Wired:** (2) SM 57, small inventory of assorted vocal mics available by request
- **Podium:** (1) Shure MX418/C gooseneck microphone available (wired)
- **Mic Stands:** (10) tripod style stands w/ boom arms, (2) table-top mic stands

Union Information

This venue utilizes referrals from Local 322 to staff events but does not hold an exclusive contract with IATSE. All labor must be advanced through Queens University.

Dressing Rooms

Room	Size	Comfort Capacity	Maximum Capacity	# Shower	# Toilet	# Sink
111	10'4" x 11'8"	1-3	6	0	0	0
112 (star)	10'9" x 11'8"	1-3	6	1	1	1
023 (chorus)	17'2" x 10'9"	6-8	12	1	1	2
024 (chorus)	17'2" x 10'9"	6-8	12	1	1	2
Green Room	29' x 22'5"	24+	30	0	0	0

- Rooms 111 & 112 are located directly offstage in the stage right wing.
- Rooms 023, 024, and Green Room are located in the basement, 1 floor below the stage, convenient access to stairwell leading to backstage.
- All restrooms are private. All dressing rooms can be locked. All spaces wifi accessible.
- Hard-line internet hookup available in Green Room.
- Room 024 (Chorus Dressing Room) has a small storage closet inside.

Elevator Access

- Facility is equipped with 1 large passenger elevator that is accessible via the main lobby
- Elevator car is 89" wide by 66" deep by 89" tall
- Elevator door is 48" wide by 84" high; doors on both sides of car to access all levels
- Elevator services all 5 levels (3rd Floor, 2nd Floor, 1st Floor, Basement, and Lower Level [Recital Hall backstage]).

Piano Inventory

- **Pianos:** (2) Steinway Concert D grand pianos available by request
- Client responsible for piano tuning cost. To be tuned by venue's preferred vendor.

Furniture/Accessories

- **Podium:** available by request
- **Tables, Chairs, Music & Mic Stands:** limited quantities may be available by request. Additional rental charges may apply.
- **Marley Dance Floor:** no marley floor exists for the venue
- **Orchestra Pit Cover:** orchestra pit cover may be installed over the 1st 2 rows of audience in the orchestra level. Client responsible for all labor and material costs associated. This must be requested in advance as it takes a full day and multiple stagehands to install.

Important Venue Policies

- Spike, glow, gaff, electrical, and marley floor tape are the only things allowed to be adhered to the stage floor. No stickers, labels, letters/numbers, duct tape or other adhesives may be applied to the stage floor under any circumstances.
- Nothing may be screwed into the stage floor at any time under any circumstances
- Nothing may be attached to the stage curtains at any time under any circumstances – especially no bobby pins allowed on the curtains.
- No food or drink backstage except for bottled water with a lid
- No coolers or ice chests allowed backstage with ice in them. Leaking coolers are a slip hazard and can damage the wood floor.