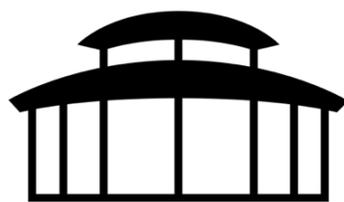


# TECHNICAL SPECIFICATIONS MARSHALL E. RINKER, SR. PLAYHOUSE



**KRAVIS  
CENTER**

**FOR THE PERFORMING ARTS**

**WEST PALM BEACH, FLORIDA**

**January 5<sup>th</sup>, 2023**

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**MARSHALL E. RINKER, SR. PLAYHOUSE**  
**at the**  
**RAYMOND F. KRAVIS CENTER FOR THE PERFORMING ARTS**

701 Okeechobee Blvd  
West Palm Beach, FL 33401  
MAIN OFFICE 561.651.4200 (M-F 8:30A-5:00P)  
MAIN FAX 561.833.3901  
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**THEATER TECHNICAL STAFF**

Director of Production	Chris Pennington	561.651.4296	pennington@kravis.org
Theatre Operations Supervisor	Diego Sacchi	561.651.4392	sacchi@kravis.org
Theatre Operations Supervisor	Ricardo Gonzalez	561.651.4302	gonzalez@kravis.org
Theatre Operations Coordinator	Diane Carlton	561.651.4317	carlton@kravis.org
Production Manager	Melinda Gallant	561.651.4245	gallant@kravis.org
Presenter Contact	Georgiana Young	561.651.4393	gyoung@kravis.org
Box Office contact	Maria Quesada	561.651.4240	quesada@kravis.org
Front of House contact	Paul Kaufman	561.651.4203	kaufman@kravis.org
Marketing contact	Phala Murray	561.651.4387	murray@kravis.org
Contracts Manager	Shirnette Ball	561.651.4221	ball@kravis.org

**SEATING CONFIGURATIONS**

Playhouse Maximum Seating Capacity - 305  
Riser Seating.....195  
Floor Seating.....110

*Note:* Seating varies depending on stage set up. Contact KCPA Technical department for details.

**LOADING DOCK**

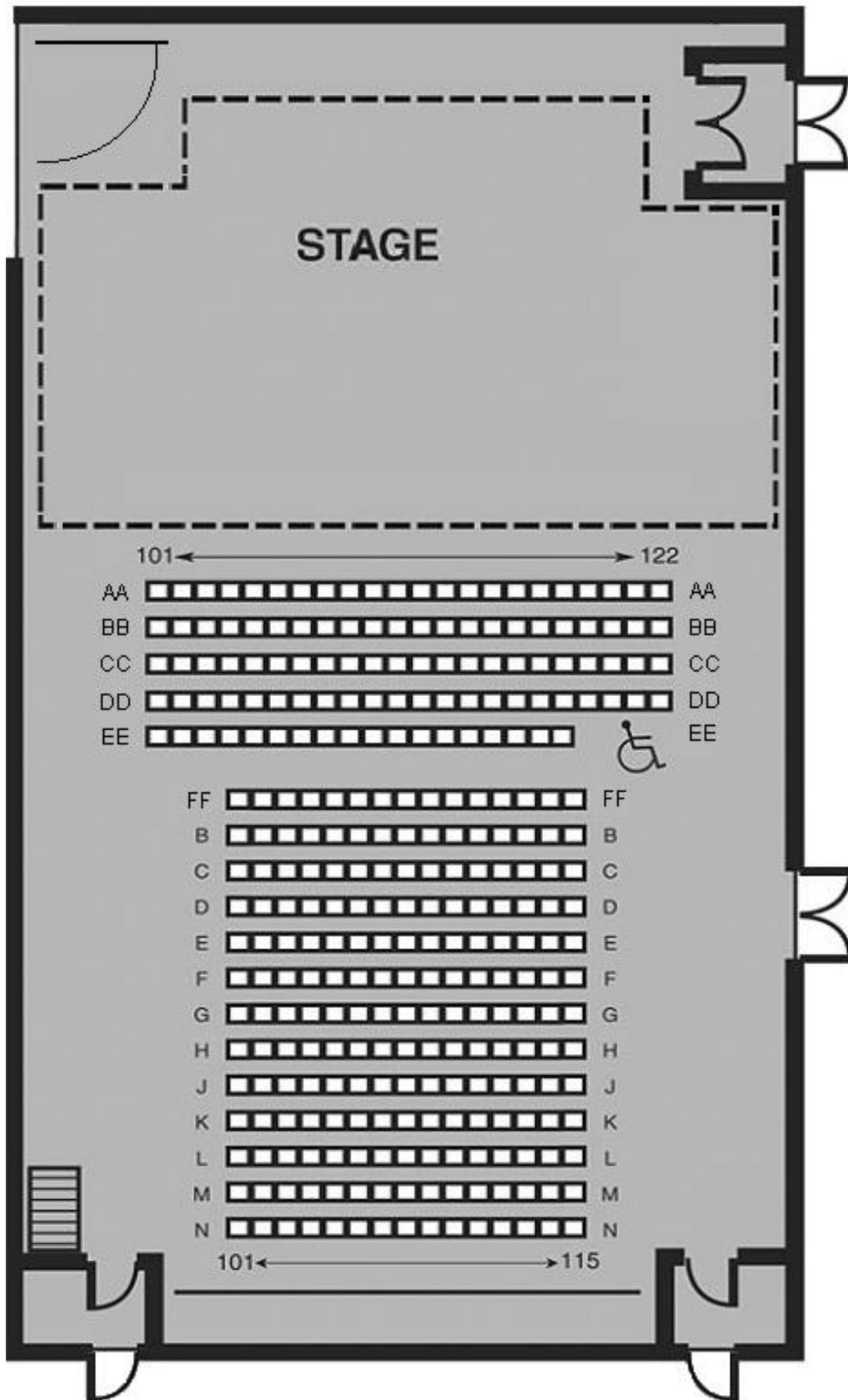
The loading dock is located off Iris Street on the north side of the building. There are 3 bays, 2 with loading levelers. Dock is 4' high with 2,100 square feet of receiving room area. Loading doors are 8' wide by 12' high.

**SHOP**

The shop is a wood shop with welding facilities for light aluminum, metal & steel. Air compressors are available.

**TRUCK, BUS AND CAR PARKING**

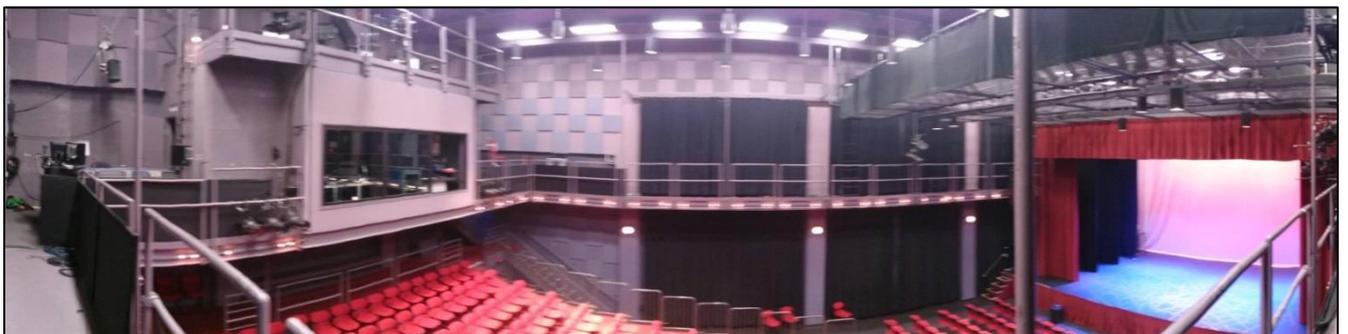
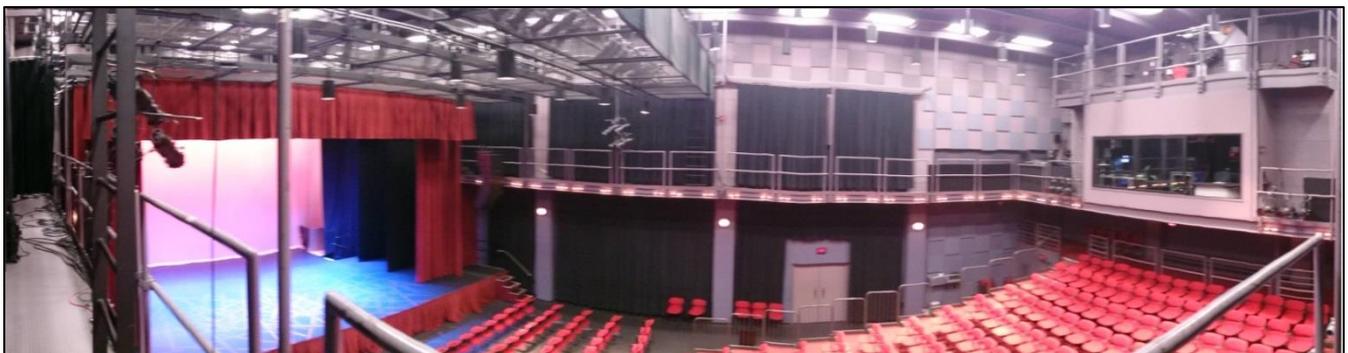
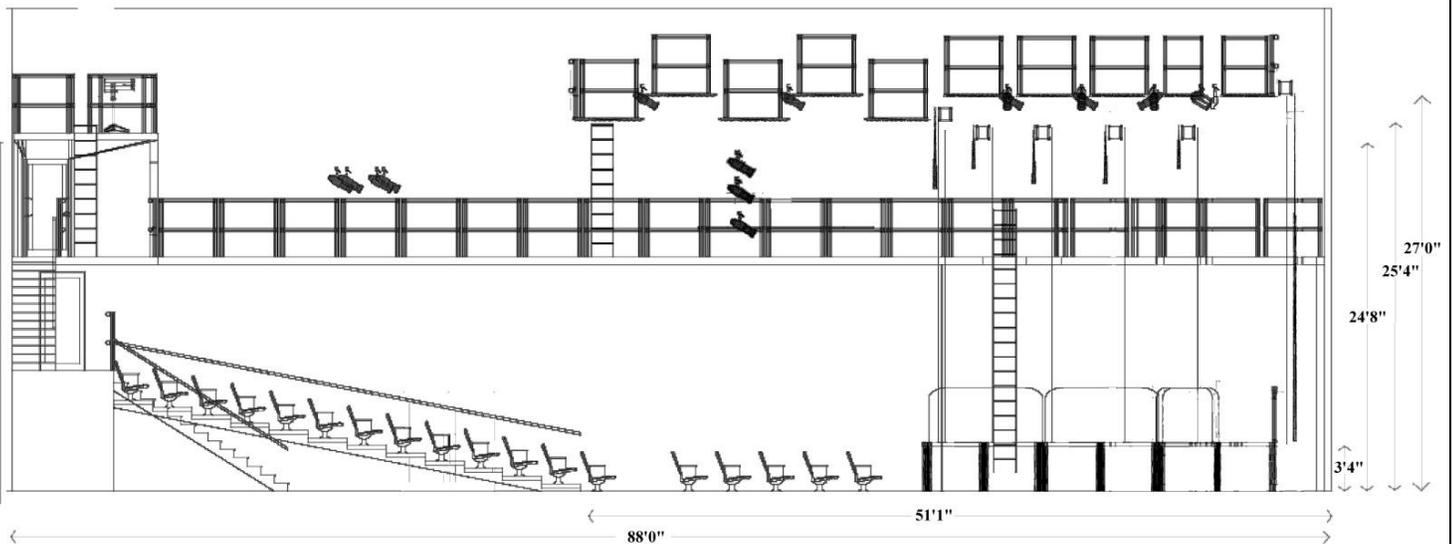
Long term truck and bus parking must be prearranged with KCPA Technical Director. Car parking is available in the garage at no charge.



## PLAYHOUSE DIMENSIONS AND SPECIFICATION

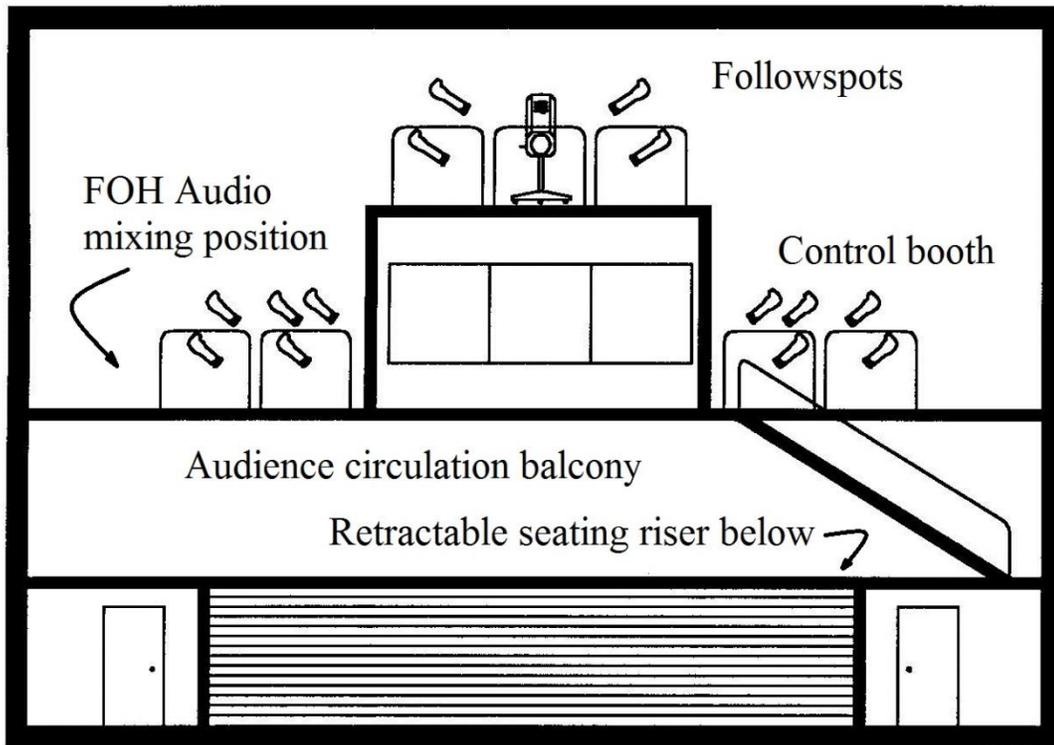
The Playhouse is a Black box Theatre. There is no fixed seating. It has a retracting seating riser that will hold 195 seats with additional room for floor seating depending on the size of your stage area. The room dimensions are 50' wide by 88' long and 33' high. It is a stained black floor constructed of 1-inch Maple tongue-and-groove on 3/4-inch plywood over two-by-fours with 1/2-inch neoprene pads.

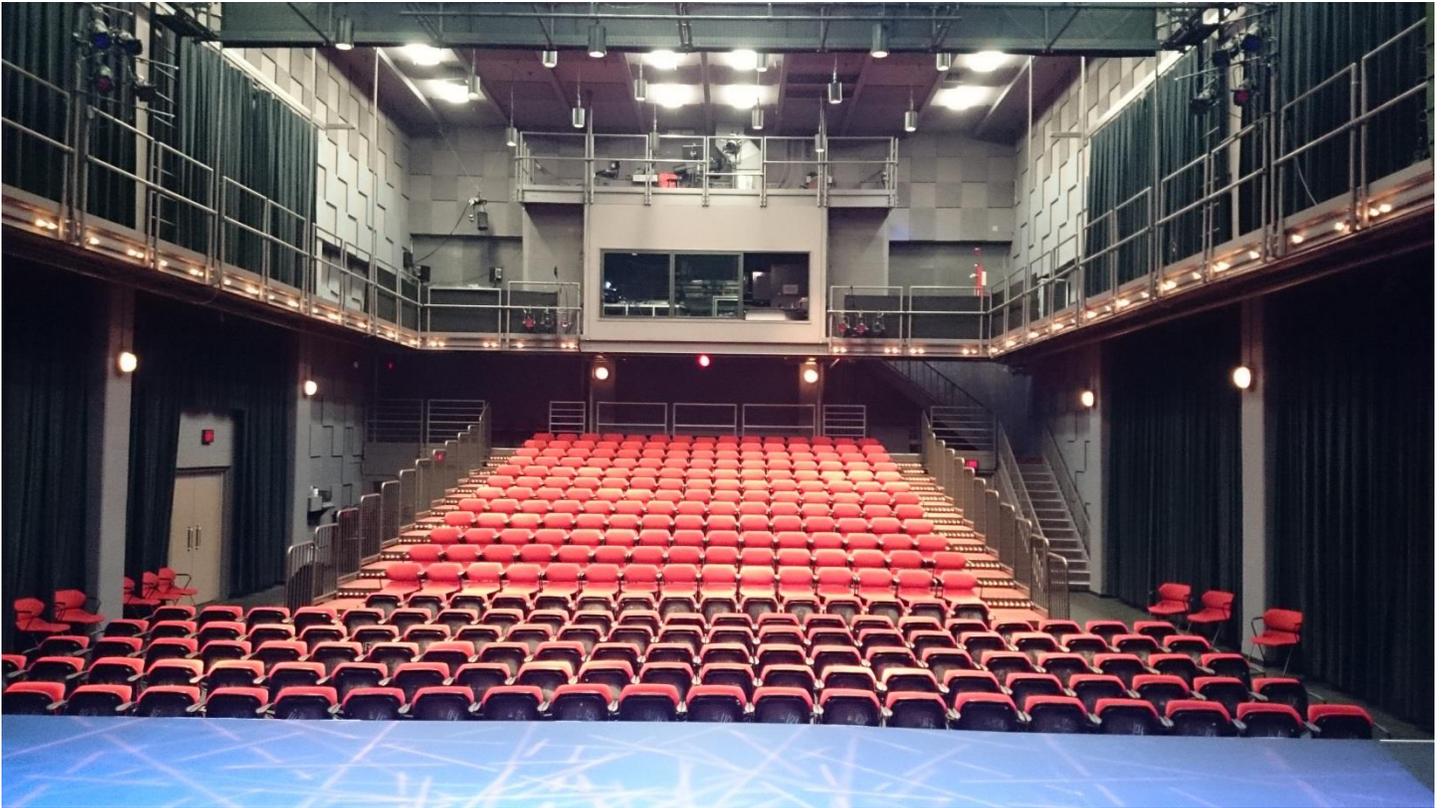
There is a catwalk 16' off the floor on three sides of the room with a 4' high railing that lighting instruments may be attached to. There are (6) 36' long 1' x 2' trusses hung from 1/4 ton CM electric chain motors for soft goods.



The control booth is located 84' from the back wall and is level to the catwalk. It contains the lighting control console, stage manager desk, and front projection control. The sound console is located on the catwalk to the house right side of the control booth.

There are two followspots on the upper deck of the booth, accessible by ladder chase. There is an additional hanging position above the control booth 30'7" from floor height.





*Audience from mid stage, showing balcony, booth, and followspot levels.*

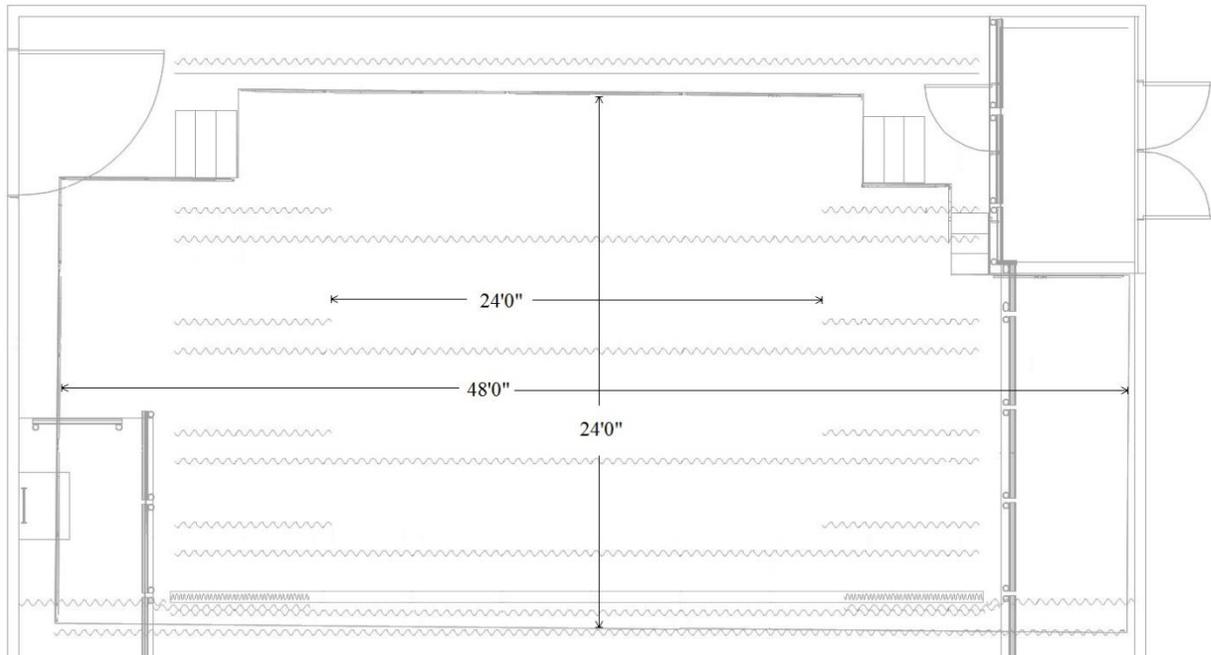
## PORTABLE STAGE

The portable stage is a Wenger Custom Versalite Platform System.

No screws or drilling of any kind is allowed into the portable deck.

The standard stage setup is 32" High x 48' wide x 24' deep. There are 3 step units for backstage access.

There are two sets of step units for audience access and stage skirting available in burgundy.

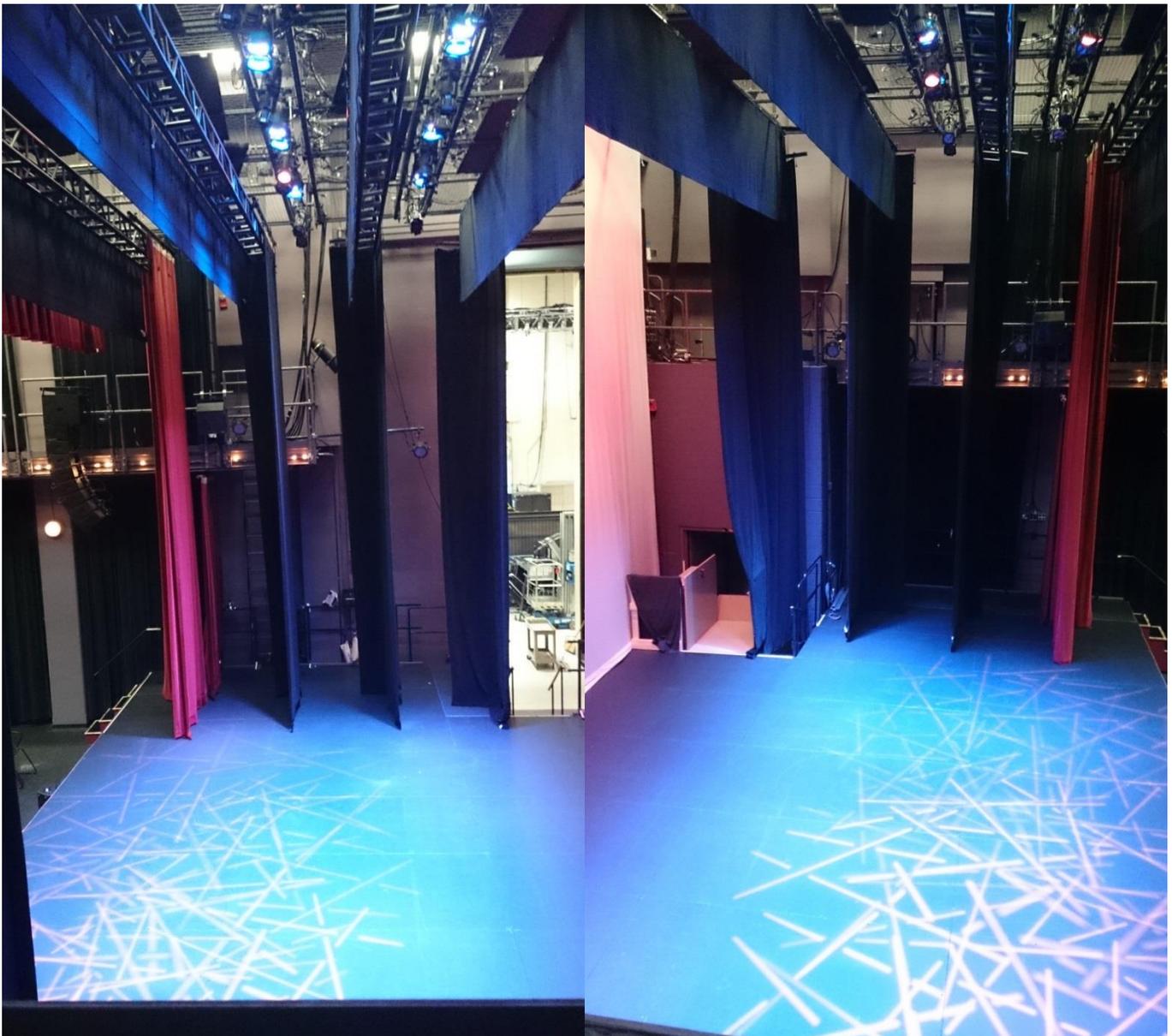


*Stage with red legs on the #2 truss, creating a small apron. View from stage manager's desk in booth.*

## SOFT GOODS INVENTORY

The standard configuration of the Playhouse is as a proscenium theatre with an opening 28'0" wide by 16' high. The false proscenium and masking goods are hung from the portable trusses and include the following soft goods:

House Curtain (Brick Red)	2 panels of 20'8"H x 19'0"W center split on DS traveler. Hung by request.
Portal Valance (Brick Red)	1 panel of 5'6"H x 36'0"W
Portal Legs (Brick Red)	2 panels of 22'3"H x 7'0"W
Side Masking Tabs (Brick Red)	2 panels of 11'7"H x 6'0"W
DS Skirt (Brick Red)	1 panel of 32"H x 48'0"W
Stage Legs (Black)	8 panels of 22'6"H x 7'0"W (optional 40" extensions by request)
Stage Borders (Black)	2 panels of 3'0"H x 36'0"W
Stage Borders (Black)	3 panels of 4'0"H x 36'0"W
Full Stage Back Drop (Black)	2 panels of 23'9"H x 20'0"W center split on US traveler.
Cyclorama (White muslin)	1 panel of 23'8"H x 35'0"W
Sharktooth Scrim (Black)	1 panel of 23'6"H x 35'0"W. Hung by request.



*From catwalk SL looking SR*

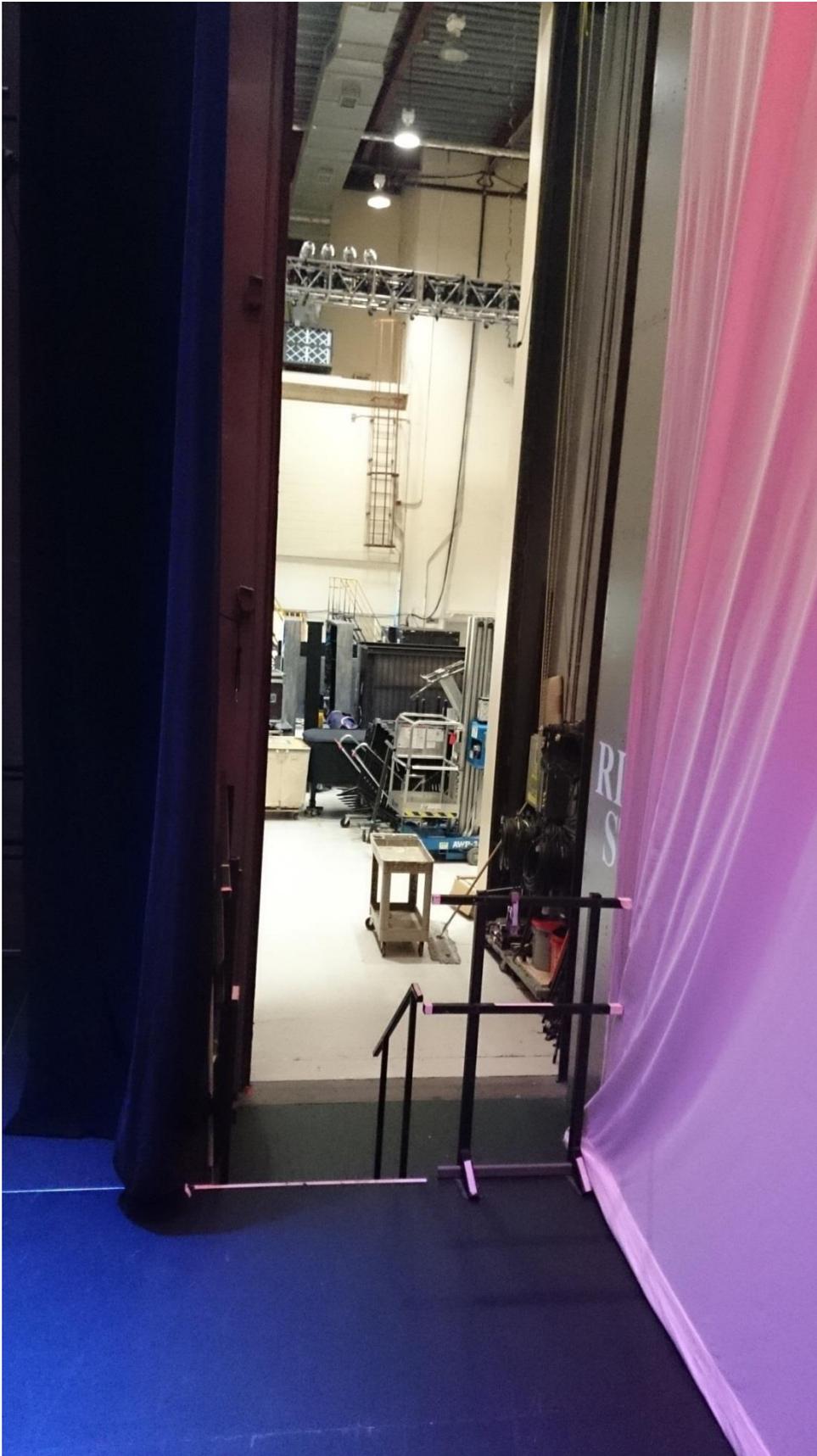
*From catwalk SR looking SL*



*From USR. #4 legs removed to show stair arrangement and sound/light lock USL.*



*From DSL. #4 legs removed to show USR stair and loading area access.*



Access door to loading dock.

## LIGHTING SYSTEM

The Playhouse lighting system is controlled by an ETC Ion Computerized Lighting Console and 190 20Amp Strand CD80 Advanced Electronic Dimmers. The venue uses a sACN network with Pathway Via switching and Pathway nodes. There are network and DMX ports distributed around the venue and can be configured as to DMX direction and universe.



## HOUSE PLOT

There is a general house lighting plot (see following pages). Lighting fixtures may be hung on catwalks on either side, from the catwalk front of house, above the Control Booth in front of house, and on the tension wire grid. Contact the KCPA Technical department for CAD drawings. Overhead electrics are centered in 15" open wells in the tension wire grid

## LIGHTING INSTRUMENT INVENTORY

4	Source 4 10° 575w	26	Source 4 Par MFL 575w
22	Source 4 36° 575w	2	Source 4 Par NSP 575w
50	Source 4 26° 575w	18	ColorKinetics Colorblast 12 TRX
10	Source 4 19° 575w	6	Strand PLCyc RGBW
10	Source 4 ParNels 575w	4	PAR64 MFL – 500w (running lights only)

## FOLLOWSPOT

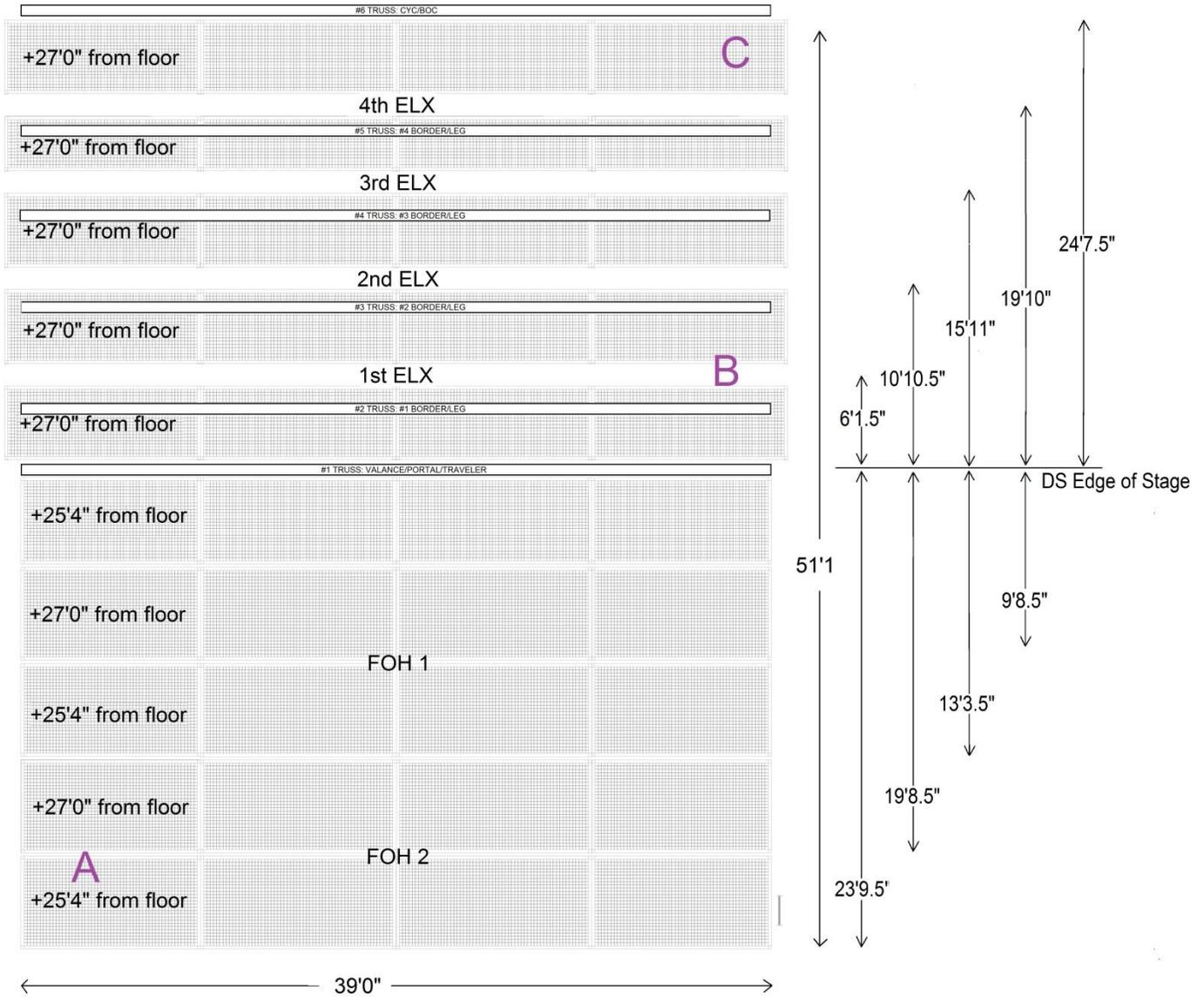
- 2 ETC source4 10° 750w with followspot yoke, independent dimmer, manual color scroll, and iris.
- 2 Lycian Midget spot light

## ADDITIONAL POWER

The Playhouse has a 3-phase, 400-amp, 120/208 panel located in the receiving area.  
note: all inventory is subject to availability. Contact Kravis Technical Department for information.

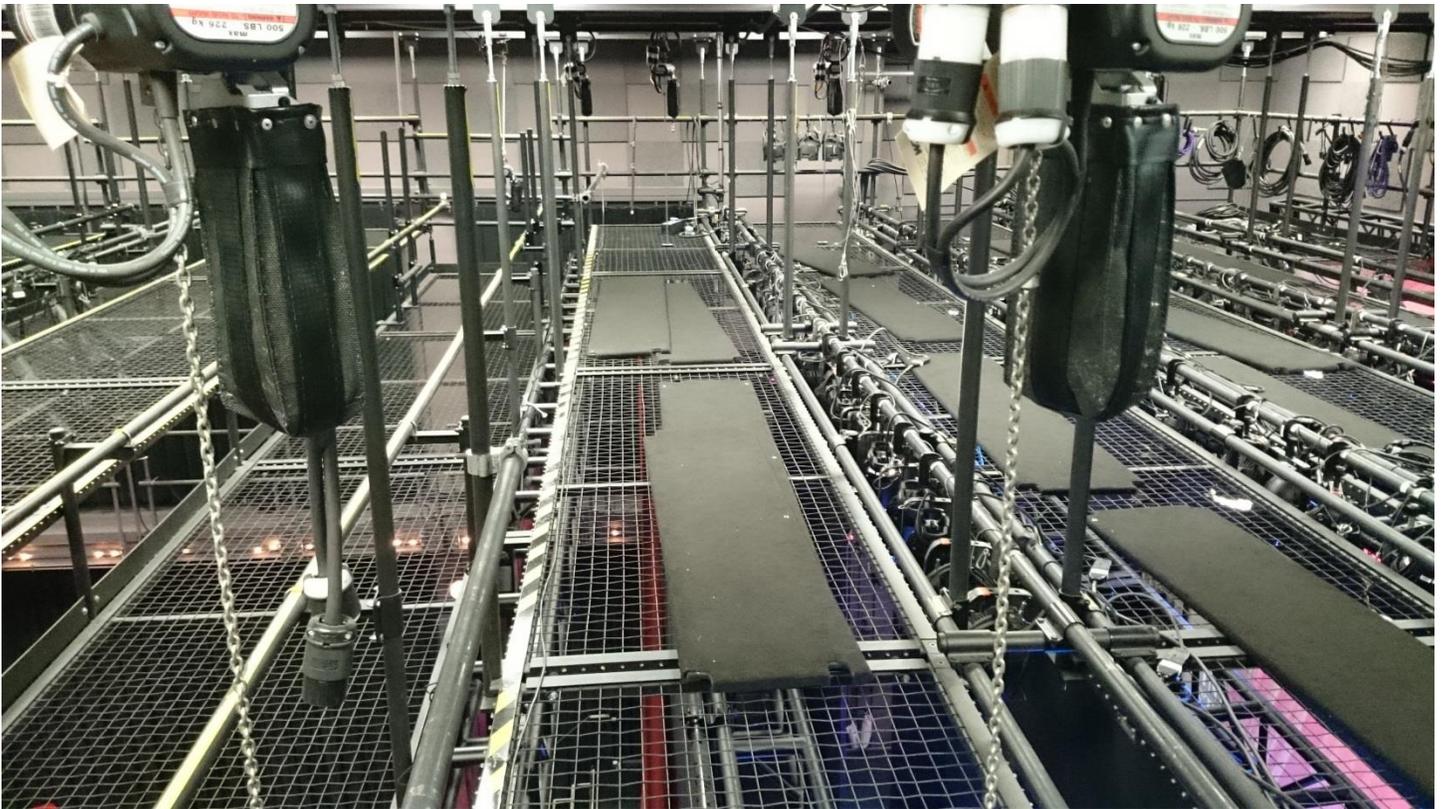
# LIGHTING GRID SYSTEM

The playhouse is equipped with a tension wire grid with wells for focusing lighting instruments. The tension wire grid is a custom SkyDeck system. Schedule 40 pipe is attached at each well creating positions for lighting. See following pages for photos from A, B, and C.

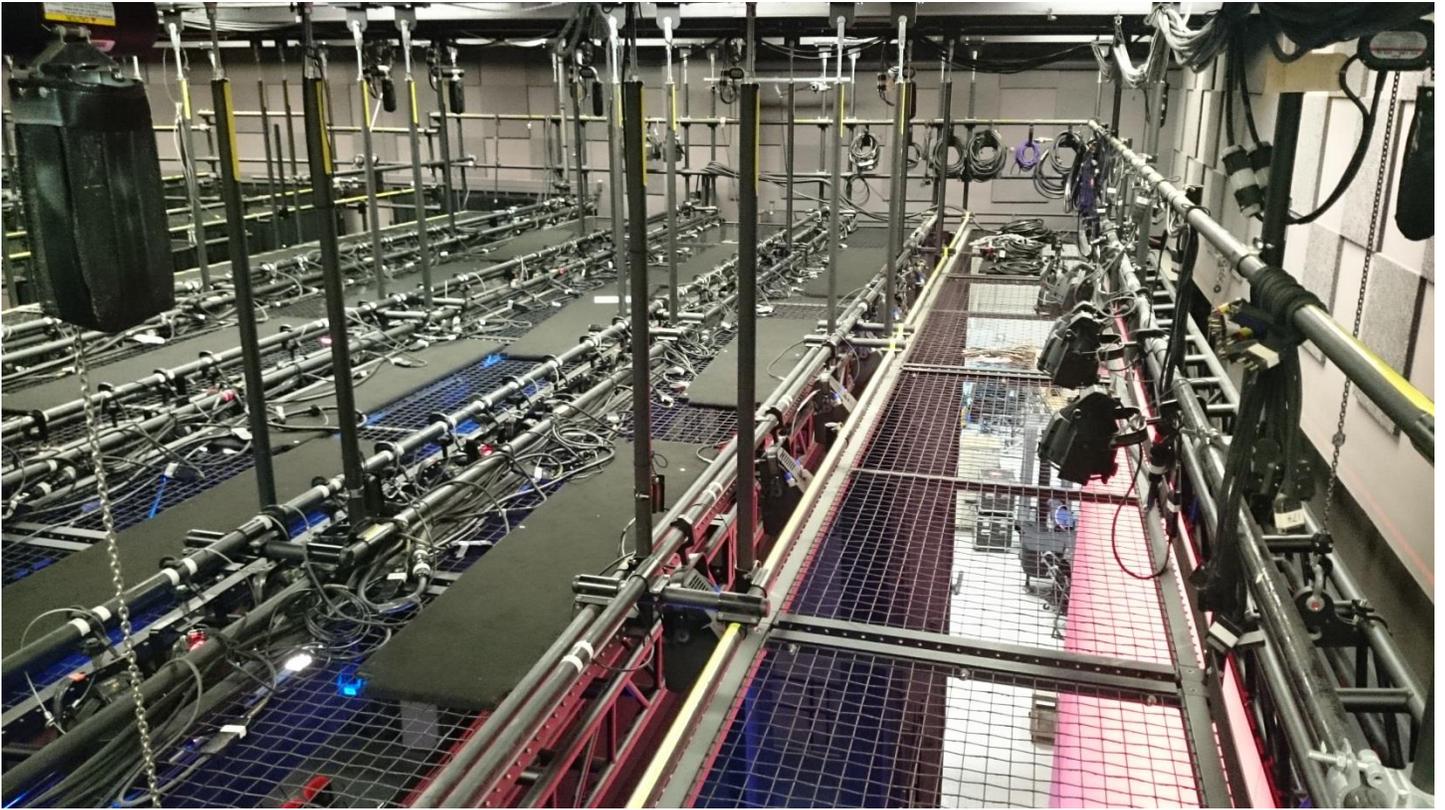




*View from -A- looking USL.*



*View from -B- looking SR.*



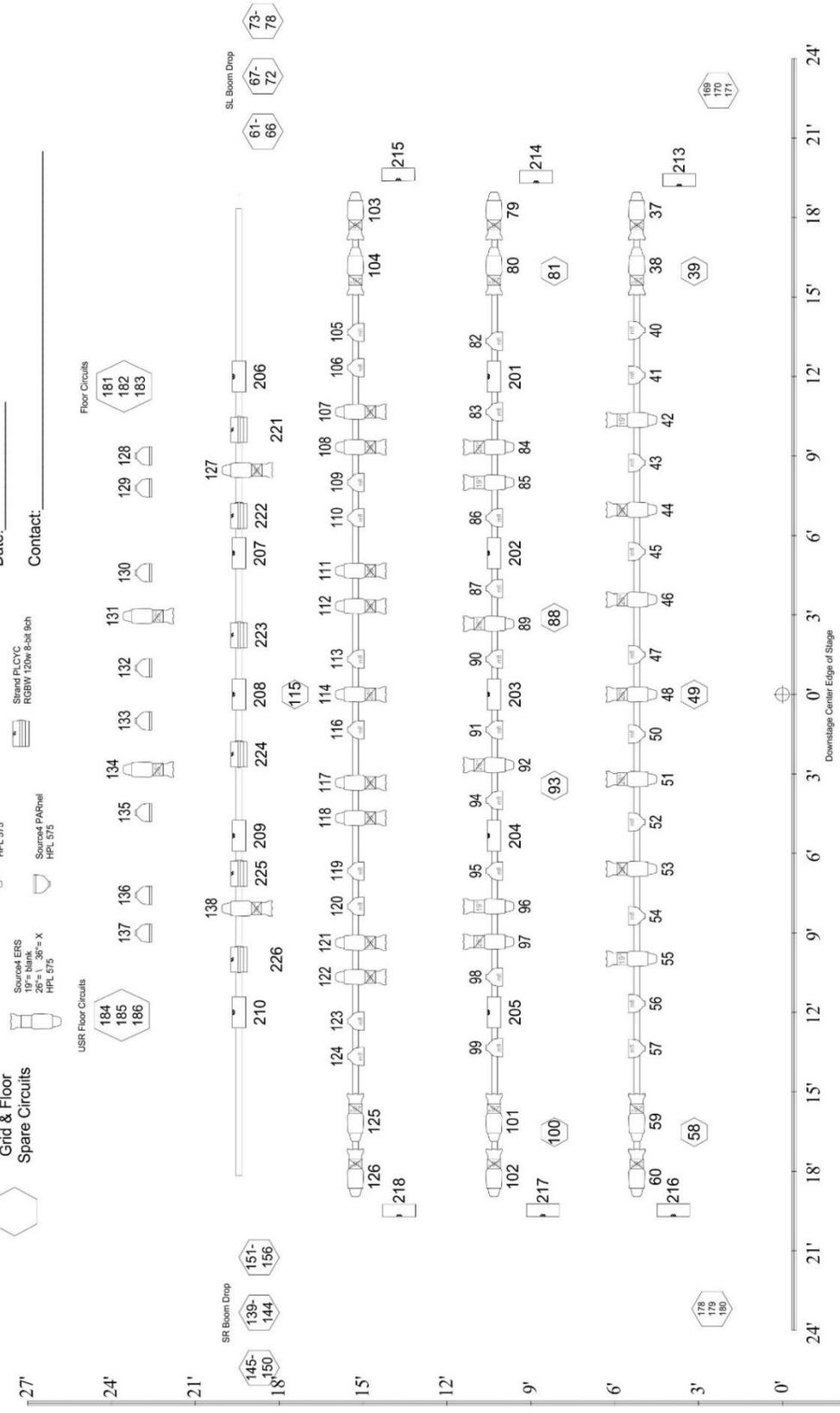
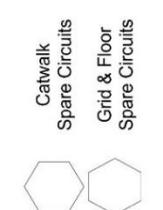
*View from -C- looking DSR.*



*View from SR wing showing red legs in #2 position, creating a small apron.*

Show Name: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Contact: \_\_\_\_\_

- Catwalk Spare Circuits**
- Source4 PAR NSP HPL 575
  - Source4 PAR MFL HPL 575
  - Source4 PAR/hel HPL 575
  - Source4 10 degree HPL 575
  - Source4 ERS 19" = blank 29" = 1.36" = X HPL 575
- Grid & Floor Spare Circuits**
- ColorKinetics Colorblast 12 Trk RGBWT
  - Strand PLCYC RGBW 120w 8-bit 8ch





## SOUND & COMMUNICATIONS SPECIFICATIONS

The Playhouse is equipped with a permanently installed sound system. The console is set up to be controlled from the catwalk outside the control booth on the house right side. The entire system is powered with Powersoft amplifiers, with crossovers and EQ Installed on internal DSP.



*View from FOH mixing position.*

### **CONSOLE Avid Venue PROFILE 48x16**

- 1 Avid PROFILE Console
- 48 Channels to Stage/ 16 Channels local for Playback
- 8 Groups
- 16 Mix Buses
- 8 Matrix Buses
  - 4 Multi effect
  - 8 Graphic EQs
  - 48 Compressors / 48 Gates

### **SPEAKERS**

- 16 Aclon RS6 flown in L/R line array / 8 cabinets per side
- 2 Aclon RS150A flown at top of stack in L/R line array 1 cabinet per side
- 4 EAW SB25OR Subs on floor under stage DSL/R

### **MONITORS**

- 8 EAW SM-200 Monitors
- 4 Mixes with EQ available from FOH console, Flown Side-Fills on S/L and S/R [Mono]

## **SNAKE**

40 Input channels & 16 sends

## **SOURCE GEAR**

- 2 Tascam CD-01U Pro single CD player
- 1 Tascam DN300R SD/USB Player/ Recorder
- 1 Mac book Pro with Q-Lab

## **WIRELESS MICROPHONES**

- 6 Shure UR4D UHF series wireless: SM58 handheld/body packs
- 8 Pointe Source Over Ear Mics and Assorted Countryman Lavalier

Each wireless handheld has a corresponding wireless body pack which shares a frequency and cannot be used at the same time

## **WIRED MICROPHONES & DIRECT BOXES**

- 6 Shure SM58, 4 Shure SM57, 3 Shure SM81, 1 Sennheiser e906, 1 AKG C-391B,
- 1 Shure Beta 52A, 5 Shure SM98, 1 Shure SM91A, 1 Radial Pro AV,
- 1 Radial USB Pro, 1 Radial J48 , 2 Radial Pro D2 (passive/Stereo),
- 2 Countryman Type 8 Audio Technica Choir Mics (in Grid)

NOTE: All inventory is subject to availability. Contact Kravis Technical Department for information

## **STAGE MANAGER'S DESK**

Located upstage Left in sound and light lock. It includes a Front of House video monitor, a Q-Lab reference Monitor, A four channel Green-Go intercom desk and a small worktable, with program audio monitor.



## DRESSING ROOMS

There are 2 Dressing rooms that can accommodate 5 people each. Each dressing room is equipped with hot and cold water, a shower, sink, toilet, lighted mirrors, and audio program monitors.



There is no Green Room or production office available in the Rinker Playhouse. Phone/data lines can be patched in to dressing rooms by request. Props sink, refrigerator, and coffee/water can be found in the adjacent space. There is also a larger additional Dressing room located downstairs for use when needed. [ especially useful for larger Dance troupes etc.] with Audio program monitors, tables and mirrors.

Merchandise tables can be set in the lobby. Contact KCPA Front of House for Merchandise information.

## **COMMUNICATIONS**

- 1 GreenGo Intercom System
- 2 Desks
- 5 Wired four channel belt packs
- 4 Wireless Belt Packs
- 9 Head Sets

## **WARDROBE**

The wardrobe room is located on the basement level. There are (3) 20 lb. capacity two-speed washing machines, and (3) 20 lb. capacity dryers, (1) double laundry sink, (2) ironing boards and irons, (1) Sears sewing machine, and (1) Jiffy Steamer. There is an elevator in the receiving area to access the basement. Rolling wardrobe racks are available.

The wardrobe room can be used based on availability with events on the Dreyfoos Stage.

## **HEARING ASSISTANCE SYSTEM**

- 20 Sennheiser RF units , audio sent direct from FOH console

## **TELEPHONES**

Telephone lines are available in the dressing rooms with advance notice.

## **ORCHESTRA EQUIPMENT SPECIFICATIONS**

The Playhouse is equipped with acoustical curtains surrounding the room that may be opened or closed depending on the acoustics you are trying to achieve. The room has a 50/50 coverage of acoustical panels attached to the ceiling and upper wall to help the natural acoustics.

## **CONCERT SHELL**

- 6 - Wenger portable concert panels

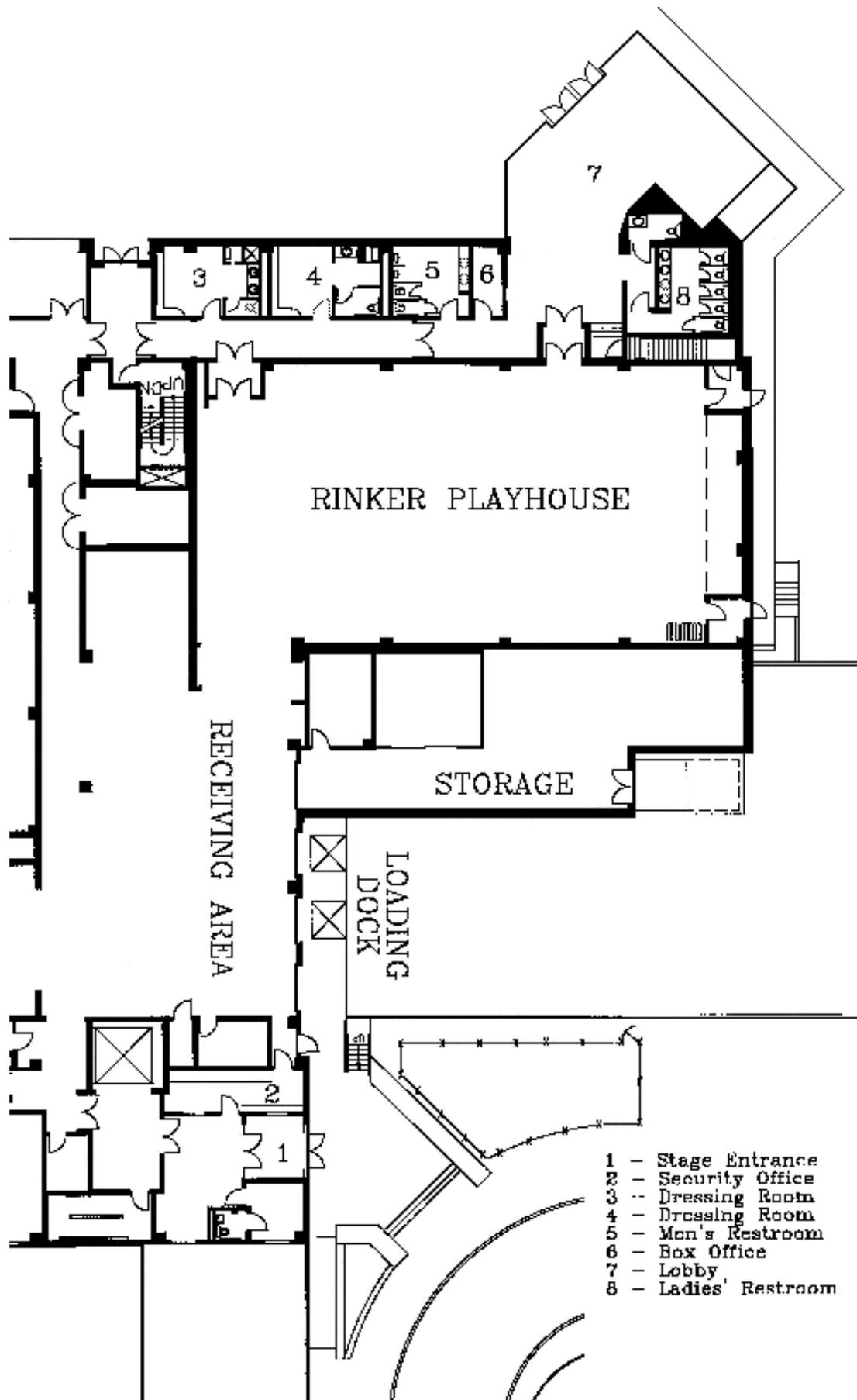
## **ORCHESTRA EQUIPMENT (BASED ON AVAILABILITY)**

- 100 - Orchestra Chairs
- 9 - Cello Chairs
- 110 - Music Stands
- 80 - Music Stand Lights
- 8 - Bar Stools
- 1 - Conductors Podium and Stand
- 9 - Choral Risers

## **PIANOS**

- 2 - 9' Steinway Concert Grand Model D
- 1 - 6' Yamaha Concert Grand C3F
- 2 - Studio Yamaha upright pianos

*Note:* Pianos may be tuned by house piano tuner only.



- 1 - Stage Entrance
- 2 - Security Office
- 3 - Dressing Room
- 4 - Dressing Room
- 5 - Men's Restroom
- 6 - Box Office
- 7 - Lobby
- 8 - Ladies' Restroom

