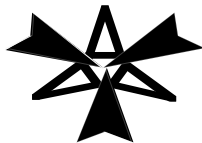




Technical Package

Rose State College Performing Arts Theatre



Seating Capacity: 1,420

Pit Seating 20
Lower Orchestra 624
Upper Orchestra 315
Box Seating 24
Lower Balcony 219
Upper Balcony 218

Basic Stage Dimensions:

Proscenium Opening 60'w x 24'h
PL to Back Wall 37'10"
Downstage Thrust 12' at Center with 40'x
8' Motorized Orchestra Pit
(Pit extends 7'5" Beneath Stage)
Wing Space SR and SL 40'x 40'
Lecture Room (backstage) 36'x 80'

Power:

3 disconnects Stage Right
3 phase, 800 Amps per Leg
3 phase, 400 Amps per Leg
3 phase, 200 Amps per Leg

Sound:

Crest 24-Channel Console
Crest Powered EAW House Speaker-
System (Center Cluster & Front Fill)
38 Assorted Microphones w/ Stands
10 Yamaha Monitor Wedges
10 Station Clear-Com System
4 JBL Eon Powered Speakers
1 PS2 Powered Speaker w/ CD playback

Lighting:

ETC Ion Control Board
with 1x 20 Fader Wing
181 accessible 2.4KW dimmers
(73) Source 4 Ellipsoidals:
(25) 19° lenses
(32) 26° lenses
(16) 36° lenses
(12) Source Four Jr. 25°-50° Zooms
(10) Altman Shakes. 15°-35° Zooms
(39) Altman Shakespeare Bodies
(12) 10° lenses (28) 20° lenses
(14) 30° lenses (14) 40° lenses
(1) LeMaitre Radiance Hazer
(29) Par 64 Cans
(48) Source 4 Pars w/ VN-W Lenses
(40) Altman 6" Fresnels
(18) Strand 8" Fresnels
(12) 4 Color Strip Lights
(10) Sky Cyc Units
(8) Ground Row Units
(2) Strong Super Trouper Spots 2K
(2) Strong Super Trouper Spots 1.6K

Other Equipment:

Hearing Impaired System
1 Kawai 7' Grand Piano
1 Yamaha Studio Piano
18 Riser Units, 4' X 8' w/ heights of
8", 16", 24", and 32"
18 Choral Risers w/ 4 step capability
Full Stage Acoustic Orchestra Shell

Stage Rigging:

Grid Height is 64'
Well Openings on 10'6"Centers
Fly System Configuration:
29 Double Purchase, Travel 56' -58'
5 Single Purchase, Travel 26'
3 Motorized Sets, Travel 56'
1 Hemp/Sandbag Set, Travel 62'
All Arbors are 12' or 14'
38 Battens are 65' Long on 9"
Centers

Draperies:

1 Grand Border Black (Valence)
1 Downstage Traveler Black
1 Mid-stage Traveler Black
2 Scrim (1 Black 1 White)
1 Cyclorama White Linen
1 Black Backdrop
3 Sets Legs Black
4 Borders Black
1 American Flag Drop 30'x60'
Linen

Dressing Rooms:

2 Star Dressing Rooms
2 Single Dressing Rooms
3 Large Chorus Dressing Rooms
3200 sq.ft. Lecture Room (can be
divided into three rooms)

Contacts:

Donna Monarch, Technical Director 405-733-7925 or 405-365-5015
Stephen Sharpe, Events/FOH Manager 405-733-7963
Steve Rysted, IATSE Local 112 Business Agent
Tania James, House Electrician 405-371-5349
Andi Gleichman, House Carpenter 405-371-5350

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tania.james@okc.gov
andi.gleichman@okc.gov



Stage Rigging and Carpentry

The Stage:

The backstage area is 160' wide by 40' deep. The main stage floor is 97'6" wide by 37' deep with a curved forward thrust area that is a maximum of 60' wide by 12' deep, at its apex. The proscenium opening is 60' wide by 24' high. The working line sets begin at 1' from the plaster line and end at 36'.

The thrust contains a 40' wide by 8' deep (at center) curved hydraulic orchestra pit elevator that lowers from stage level to create additional seating and stage access. It extends beneath the stage to add an additional a 52' 3" wide x 7' 6" deep area to the surface of the elevator to form the orchestra pit. Additionally, the elevator lowers to access the basement storage located beneath the stage.

The stage has expansive wing space available on both sides. There is also an area upstage, called the Lecture Room, that can be opened to accommodate storage of scenery and road cases, company meals, company warm up or provide additional dressing space.

- SR and SL wings are approximately 25' wide by 40' deep when opened up to their maximum size. The maximum height clearance is 23' per side with a drop ceiling at 19' on stage left that extends 14' from the SL wall.
- The upstage Lecture Room is 80' wide by 36' deep with a wall divider that separates it from the stage. The ceiling height in this area is 15'.

Fly System:

The grid height is 64' to the top of the grid floor. The grid sheaves are under-hung from the roof beams (with the exception of the electric winch system that holds the symphony shell ceiling heads) along with an hemp set which holds the black back-drop. Additional weight can be suspended from the grid using industry standard rigging techniques. There are seven well openings with 2" wide by 10" high beams located on 10'6" centers, beginning at the centerline. The surface of the grid floor is made up of 1" x 3" slotted-grating.

- 29 Double purchase line sets with 14' arbors, fly from 4' to 60'± 2'
- 4 Single purchase line sets for electrics with 12' arbors, fly from 4' to 30'
- 1 Single purchase line set for front curtain with 12' arbor, fly from 24' to 60'± 6'
- 3 Motorized line sets fly from 16' at low limit to 60'± 2' at high limit
- 1 Hemp/ sandbag set fly from 0' to 60'
- 38 Battens are 65' long on 9" centers



Risers:

- (18) 4' x 8' Platform risers with adjustable leg heights: 8", 16", 24" & 32"
- (18) Three-step choral risers with fourth step and back-rail

Orchestra Shell:

Dimensions

- Downstage opening 60'
- Upstage width 36'
- Depth 35'
- Downstage wall height 24'
- Upstage wall height 17'
- Down-stage ceiling 11' deep x 59'4" wide
- Mid-stage ceiling 11' deep x 50'9" wide
- Up-stage ceiling 11' deep x 42'4" wide

There are a total of twelve set pieces made of honeycomb construction with wood facing and aluminum structural support that make up the orchestra shell. There are six sidewall units; three back wall units and three ceiling units. Each wall unit is a tri-fold design made of three 4' sections that open to make a 12' wide wall unit. The units are portable via the hand dolly or the electric air-mover provided. The three ceiling units, with integrated lighting fixtures, hang on their own individual electric winches. They fold flat to store in the air, and when deployed they cap the shell to make an acoustic enclosure suitable for professional orchestral productions. The lighting connects directly to the house dimming system via the onstage drop-boxes. When assembled the set tapers from 60' to 36' in width and from 24' to 17' in height across a 35' depth.

Some Available Equipment: (not a complete list)

Dance Marley

7' Kawai Grand Piano w/ Artist Bench

Kawai Upright Piano w/ Artist Bench

Speaker's Lecterns

Screens and Projectors

30' Genie Personnel Lift

10' and 12' Ladders

Rolling Garment Racks

Washer and Dryer with Ironing Board, Iron, Steamer

50 Wenger Adjustable Music Racks

Wenger Music Rack Lights

Folding Tables at 6' and 8' and Chairs (various styles) as needed

Pipe for Drops

Pipe and Drape

Wifi Throughout Building. Phone, T1 & Fax Lines available



Lighting and Power

Available Lighting Equipment:

The ETC dimming system is set up on a 1 to 1 (dimmer to circuit) configuration. There are 228 dimmers in service, each rated at 2.4KW. Dimmers are numbered from 1 through 288 with house and wing lights being hard-wired into dimmers 189-191, 193, 195 and 265-288. Each stage electric pipe has a dimmer wired to four outlets with two P&G receptacles for work lights. These are dimmers 261-264. All other dimmers in service are wired directly to outlets with two P&G receptacles, which coincide with the dimmer number.

Available Dimmer Circuits: 129 Onstage Electrics

- #1 Electric Pipe, line set 3: Powered raceway with 32 dimmers via 2 P&G receptacles, duplicated SR & SL (numbered 53-84)
- #2 Electric Pipe, line set 17: Powered raceway with 24 dimmers via 2 P&G receptacles, duplicated SR & SL (numbered 85-108)
- #3 Electric Pipe, line set 26: Powered raceway with 16 dimmers via 2 P&G receptacles, duplicated SR & SL (numbered 109-126*)
- #4 Electric Pipe, line set 34: Powered raceway with 18 dimmers via 2 P&G receptacles, duplicated SR & SL (numbered 127-144)
- Additional Dimmer Circuits: 8 drop boxes (four per side) 24 dimmers on stage via 2 P&G receptacles (numbered 145-168)
- Wall receptacles located one to each corner of the stage, 15 dimmer circuits via 2 P&G receptacles (numbered 169-184*)

* Faulty circuits are: #3 Elec. dimmers 119, & 122 and DSR wall #169

52 FOH Electrics

- Louvers SR & SL: Two drop boxes in front of proscenium with 4 dimmers per side via 2 P&G receptacles (numbered 45-52)
- Orchestra Pit: 4 dimmers via 2 P&G receptacles (numbered 185-188) plus practical wall receptacles that are split between straight power or dimmable via portable dedicated dimming controller
- Cove 1 (Eyebrow): Powered raceway with 12 dimmers via 2 P&G receptacles, in triplicate SR to SL (numbered 17-28)
- Cove 2 (Main FOH): Powered raceway with 16 dimmers via 2 P&G receptacles, in triplicate SR to SL (numbered 1-16)
- Upper Box Booms: Powered raceways with 8 dimmers, 4 per side via 2 P&G receptacles in duplicate (numbered 29-32 & 37-40)
- Lower Box Booms: Powered raceways with 8 dimmers, 4 per side via 2 P&G receptacles (numbered 33-36 & 41-44)



Available Lighting Instruments:

Video:

- 10 Altman Shakespeare 15°- 30° Zooms
- 39 Altman Shakespeare Lamp Bodies
- 28 Altman 20° Lenses
- 14 Altman 30° Lenses
- 14 Altman 40° Lenses
- 12 Altman 10° Lenses
- 10 Altman Drop in Irises
- 25 ETC 19° Source Four Lenses
- 32 ETC 26° Source Four Lenses
- 16 ETC 36° Source Four Lenses
- 12 ETC 25°-50° Source Four Jr. Zooms
- 48 ETC Source Four Pars
- 12 ETC Drop-in Irises
- 48 ETC Par Lens Sets, VN – WFL
- 30 L & E Par 64 Instruments
- 40 Altman 6” Fresnels
- 18 Altman 8” Fresnels
- 12 Altman 1KW Scoops
- 8 Four-way Barn Doors 10”
- 16 Four-way Barn Doors 7”
- 32 Top Hats 7”
- 10 Sky Cyc Units, 3 Circuit
- 10 Ground Row Units, 3 Circuits (8 in use with 2 spare)
- 12 Strip-light Sections, 4 Colors, 16 Lamps
- 4 L & E 64-10 Mini Follow Spots
- 2 Strong Super Trouper 1.6KW Xenon Follow Spots
- 2 Strong Super Trouper 2 KW Xenon Follow Spots
- 1 LeMaitre Radiance Hazer

- Overhead Projectors
- Slide projectors
- 60” Tripod Screen
- 7 1/2’ x 10’ Rear Screen
- 10’ x 14’ Screen
- TV/VCR Combo
- Mitsubishi XL595OU 6600 Lumen LCD Projector

Please check in with backstage management before setting up video in the house. Fire codes are strict. Gaff and spike tapes only.

Power:

Multiple 20 Amp Edison Floor and Wall Receptacles

- 3 disconnects Stage Right
 - 3 phase, 800 Amps per Leg
 - 3 phase, 400 Amps per Leg
 - 3 phase, 200 Amps per Leg

RV/Bus Shore Power: please request in advance

- 3ea. 50 Amp 208VAC Outlets
- 3ea. 15 Amp 110VAC GFI Outlets



Available Sound Equipment

House Sound Console:

- 1 Crest Century Series GT2408, 24-channel console located in house control booth
- 1 Soundolier 320-42, 5-channel lecture mixer located in stage manager's panel SL

Pre-Amplifier:

- 2 TOA Model A903-MK2 eight channel pre-amplifiers in main amp rack

Power Amplifiers:

- 1 Main Amplifier Rack: Crest CA4, CA9, CA12 and FCV220 amplifiers interfaced with all proper limiters, crossovers, equalizers, and system processors
- 1 Auxillary Front Fill Amp Rack: Altec Lansing 9444A, 2-channel power amp with applicable limiters, crossovers and equalizers

Speaker System:

- 1 Center Cluster: 2ea. EAW MH-662E; 3ea. EAW MH-660E; 2ea. SB-250PD2
- 1 Front Fill: 7ea. EAW JF-62
- 1 Balcony Fill: 5ea. EAW UB-22
- 1 Under Balcony: 5ea. EAW UB-22
- 1 Aux. Front Fill: 2ea. Altec N-500C 2 Way Cabinets

Monitor System:

- 4 Booth Monitor Speakers: EAW JF-60
- 10 Portable Monitor Wedges: 2ea. Yamaha SM-12 III; 8ea Yamaha S-115 IIIA
- 6 Peavy Adjustable Height Speaker Stands
- 2 Ultimate Adjustable Height Speaker Stands

Microphones and Stands:

- 1 Audio Technica AT-857QMLA Talk-Back Microphone
- 2 Audio Technica AT-4041 Instrument Condenser Microphones
- 5 Beyer TG-X40 Vocal Microphones
- 9 Crown PCC-160 Floor/border Microphones
- 4 EV N/D 257B Vocal Microphones
- 4 Peavy PVM-80 Vocal Microphones
- 6 Shure SM-57 Vocal or Instrument Microphones
- 6 Shure SM-58 Vocal or Instrument Microphones
- 8 Shure SM-81 Instrument/ Ensemble Condenser Microphones
- 4 Shure SM-91A Percussion Microphones
- 7 Shure SC4 Recievers with Wireless Set



- 4 Atlas AMS (10) Full Height All-Purpose Stands
- 4 Atlas ADMS (7) Adjustable Desk Stands 8"- 13"
- 4 Atlas ADMS (10) Adjustable Stands 14"- 26"
- 2 Peavy Full Height All-purpose Stands
- 7 AKG #KM-201A/2 Black Boom Stands

Microphone and Monitor Cable:

- 1 Conquest 9pr. x 100' Microphone Snake
- Full assortment of microphone lines, all lengths from 10' - 100'
- Full assortment of NL-4 speaker leads, all lengths from 6' - 50'

Media Players:

- 1 Tascam 112-MKII cassette tape player/recorder integrated to house system
- 1 Tascam CD-X1500 dual disc compact disc player integrated to house system
- 1 Panasonic SV-3800 digital audio tape-player/recorder

Hearing Impaired System:

- 15 Gentner wireless receivers with integrated amplifier for auxiliary hearing needs

Stage Communications Systems:

Clear-Com Intercom System

- 1 Clear-Com PS-464 Cue Communication Power Supply
- 1 Clear-Com RM-220 Two-channel Remote Station
- 1 Clear-Com MR-102A Director's Handset Station
- 2 Clear-Com HS-6 Handsets
- 8 Beyer DT-108 Operator Headsets and Belt-packs
- 2 Beyer DT-108 Two-Channel Headsets and Belt-packs

Cable Run:

150' cable run to mix position under balcony, house center. Cable runs down hallway and onto cable hooks (not through the house) for optimal safety.

Alternate Mix Position:

Located in the rear of the auditorium, in front of the control booth. 110 power located there. DMX converter is located in booth only.



Stage Related Support Space

Stage Level

(All stage level dressing rooms are located directly off the stage left exit. All have lighted makeup mirrors, storage bins, costume racks and stage-com monitors. All three chorus dressing rooms have adjoining doors that can be opened to make one large space.)

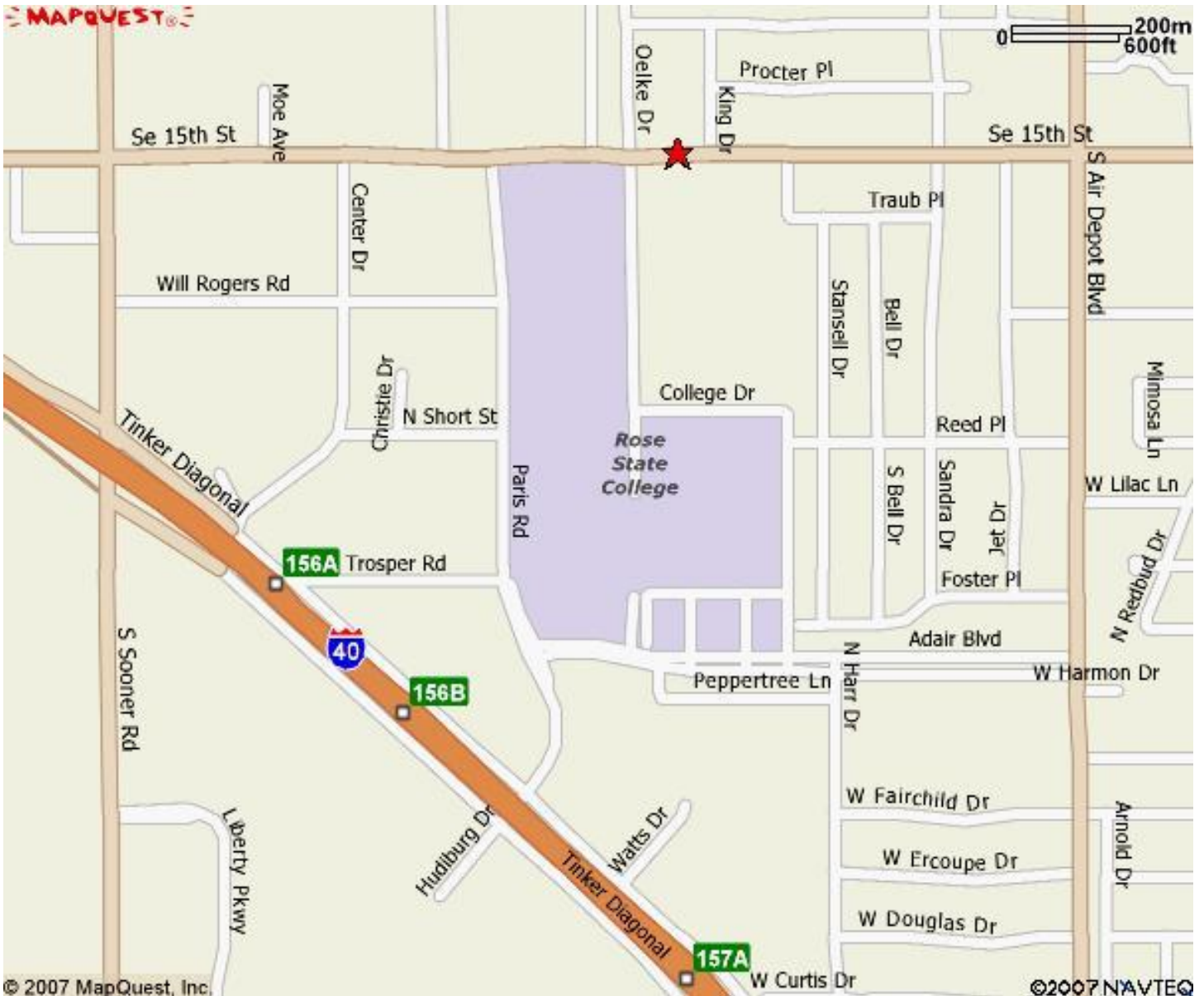
- **Chorus Dressing Room 1:** Will accommodate 6 or more people. Showers only. Restrooms nearby.
- **Chorus Dressing Room 2:** Will accommodate 11 or more people. Dry erase board and bulletin board. Restrooms nearby.
- **Chorus Dressing Room 3:** Will accommodate 8 or more people. Showers only. Restroom nearby.
- **Laundry Room:** Closet located inside the first chorus dressing room, after exiting stage left doors.
- **Single Dressing Room:** Will accommodate 1 person. Full restroom with shower.
- **Single Dressing Room:** Will accommodate 1 person. Full restroom with shower.
- **Lecture Room:** Located directly behind the stage. 3200 sq. feet can be divided into three rooms. Access from stage or back hallway.
- **Lighting and Sound Control Booth:** Located at the rear of the house at approximately center stage. The only entrance to booth is from the house. Spotlight booth can be accessed at balcony level or SR.
- **The Box Office:** Located just inside the main entrance off 15th Street. Located within the main lobby.
- **The Main Lobby** is a large open area encircling the front arch of the house. Glass walls provide an atrium feel to the room. The lobby is point of sales with a phone line is available for credit card terminals. The main entrance, located off 15th Street, is signified by a circle drive with flags immediately in front of the Communications Center (called Hudiburg Circle). The business office and box office are just inside the main entrance on the right side of the lobby as you enter. Lobby has 110 power only. Stairs and elevator available to the balcony level of seating.

Balcony Level

(Access by stairs and elevator. Star rooms frequently used as production office.)

- **Star Dressing Room:** Will accommodate 2 people. Private restroom with shower. Lighted makeup mirrors. Cable TV. Couch and arm-chairs. Coffee Table. Phones and DSL. Stage-com monitors.
- **Star Dressing Room:** Will accommodate 2 people. Private restroom with shower. Lighted makeup mirrors. Cable TV. Couch and arm-chairs. Coffee Table. Phones and DSL. Stage-com monitors.

Location and Parking



Directions to Backstage Entrance

Follow I-40 East/West to the Hudiburg Drive exit 156B. Rose State will be on the North side of Interstate. After exiting on 156B, cross over the bridge by taking an immediate left toward the college (if traveling East). Take another left onto the Tinker Diagonal (the interstate access road). Turn right at the **large digital marquee sign (you can see this from I-40)**. You will see the backstage dock right away. There are three additional parking spaces in the dock area large enough for vans. Additional parking is available, inquire with backstage management. A Campus Guide can be found online at www.rose.edu which shows our building marked CC for Communications Center.



RSPAT Measurements at a Glance

Proscenium Opening	60'0" Wide x 24'0" High
Stage Floor	97'6" Wide x 37' 0" Deep
Draped Stage Depth (plaster line 0' 0" to rear bounce)	32'0"
Draped Stage Width (leg opening)	44'0"
Nominal Border Trim Height	22'0"
Stage Wing	40'0" Deep x 25' 0" Wide
Stage Wing Overhead Clearance (floor to bottom of tab track)	23'0"
Stage Left Wing Overhead Clearance	19'0"
Upstage Lecture Room (storage/ dressing area)	80'0" W x 36'0" D x 15'0" H
Grid Floor Height (deck to top of grid)	64'0"
Grid Well Spacing (beginning at center well)	10'6"
Off Stage Left Pick Line Well (from center)	37'0"
Thrust Width	62' 0"
Thrust Depth At Center (downstage edge to plaster line)	12'0"
Orchestra Pit Elevator Platform	
Width	40'0"
Depth (at center)	8'0"
Depth (at each end)	3'8"
Full Orchestra Pit Playing Area Dimensions:	
Width	52'0"
Depth (at center)	15'5"
Depth (at ends)	10'2"
Ceiling Height (under stage)	5'9"
Orchestra Pit Elevator Drop Settings Below Stage Level:	
House Floor Level	3'4"
House Seating Level	4'0"
Pit Level	7'0"
Basement Level	10'5"
Orchestra Pit to Basement Storage Access Door	6'0" Wide x 6'6" High
Lighting Throw, Cove #1 (eyebrow pipe) to Deck	34'0"
Lighting Throw, Cove #2 Pipe to Stage Front Edge	44'0"
Lighting Throw, Cove #2 Pipe to Stage at 0'0"	50'0"
Lighting Throw, Lower Box Booms to Stage at 0'0"	43'0"
Lighting Throw, Upper Box Booms to Stage at 0'0"	56'0"
Lighting Throw, Spot Booth to Stage at 0'0"	100'0"
Control Booth Window to Stage Front Edge at Center	80'0"
Back Wall to Stage Front Edge at Center	89'0"
Center Balcony Rail Stage Front Edge at Center	55'0"
Control Booth Width	20'8"
Control Booth Depth	8'0"
Upper Orchestra Cross-over to Stage Front Edge at Center	52'0"
Upper Orchestra Cross-over Span (house right to left)	79'0"
Loading Dock Overhead Door	12'0" Wide x 12'0" High
Interior Stage Access Overhead Door	10'0" Wide x 12'0" High
Loading Dock to Stage Distance	56'0"
Personnel/Freight Elevator to Star Dressing Rooms	3'6" Wide x 7' High x 6' Deep

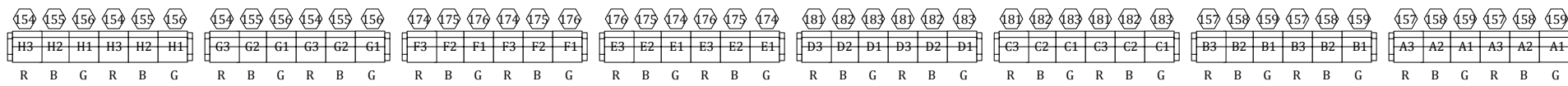


Available but not listed, are a black scrim, a white scrim and an American flag drop.

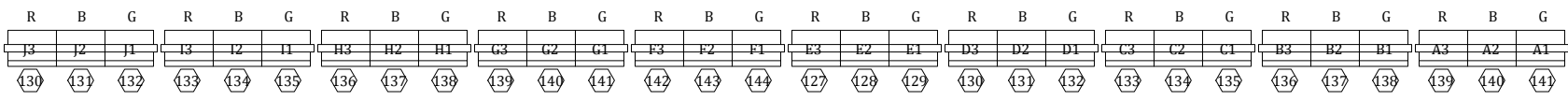
Rose State Performing Arts Theater Line Set Plot							
Set No.	Distance From PL	Arbor Size	High Trim	ARBOR TYPE	Notes	Current House Plot	Set No.
FC	0-3"	N/A	58'	N/A		Fire Curtain	FC
1	1-0"	12-0"	58'	Double		Grand Drape	1
2*	1-9"	8-0"	58'	SINGLE	low trim:24'	Act Curtain	2*
3	2-4"	12-0"	58'	Double		Open	3
4*	3-2"	14-0"	30'	SINGLE	high trim: 30'	#1 Electric	4*
5	4-10"	12-0"	58'	Double		#1A Electric	5
6	5-7"	12-0"	58'	Double		Open	6
7	6-8"	N/A	54'	N/A	motorized	#1 Shell Head	7
8	7-7"	12-0"	40'	Double	high trim 40'	Open	8
9	8-0"	12-0"	58'	Double		Open	9
10	8-7"	12-0"	58'	Double		#1 Border	10
11	9-2"	12-0"	58'	Double		#1 Legs	11
12	10-0"	12-0"	58'	Double		Open	12
13	10-8"	14-0"	30'	Double		Open	13
14	11-6"	12-0"	58'	Double		Open	14
15	12-3"	12-0"	58'	Double		#2 Border	15
16	13-8"	12-0"	58'	Double		Black Traveller	16
17*	15-2"	12-0"	58'	SINGLE	high trim: 30'	#2 Electric	17*
18	15-10"	12-0"	58'	Double		Open	18
19	16-7"	12-0"	58'	Double		Open	19
20	17-8"	N/A	54'	N/A	motorized	#2 shell Head	20
21	18-0"	12-0"	40'	Double	high trim 40'	Open	21
22	18-10"	12-0"	58'	Double		#2A Electric	22
23	19-7"	12-0"	58'	Double		Open	23
24	20-6"	12-0"	58'	Double		#3 Border	24
25	21-2"	12-0"	58'	Double		#3 Legs	25
26*	22-6"	14-0"	30'	SINGLE	high trim: 30'	#3 Electric	26*
27	23-6"	12-0"	58'	Double		Open	27
28	24-3"	12-0"	58'	Double		Open	28
29	25-9"	12-0"	58'	Double		Open	29
30	26-6"	12-0"	58'	Double		Open	30
31	27-2"	12-0"	58'	Double		#4 Border	31
32	28-4"	N/A	54'	N/A	motorized	#3 Shell Head	32
33	28-10"	12-0"	40'	Double	high trim 40'	#4 Legs	33
Line set 33 high trim limited by shell head.							
34*	29-6"	14-0"	30'	SINGLE	high trim: 30'	#4 Electric	34*
35	30-2"	12-0"	58'	Double		Open	35
36	31-0"	12-0"	58'	Double		Open	36
37	32-0"	12-0"	58'	Double		White Cyc	37
38	33-0"	N/A	58'	Sandbag	hemp set	Black Drop	38

* Note: Single purchase sets have limited (26') of travel.

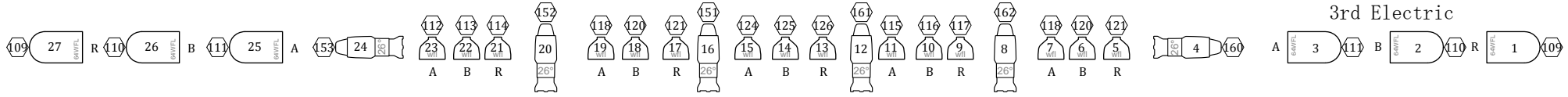
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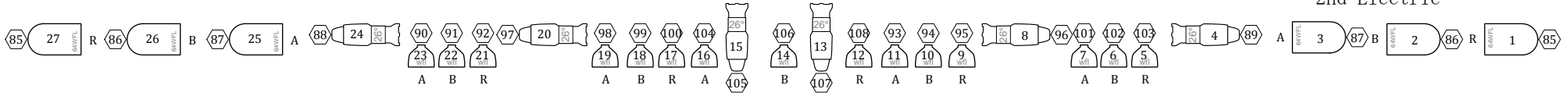
Ground Row



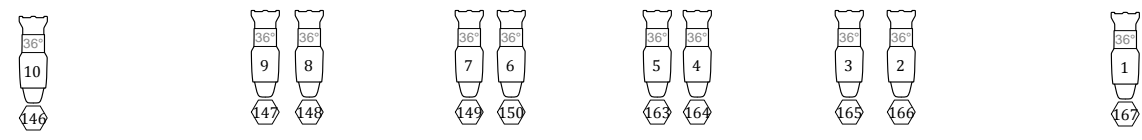
4th Electric



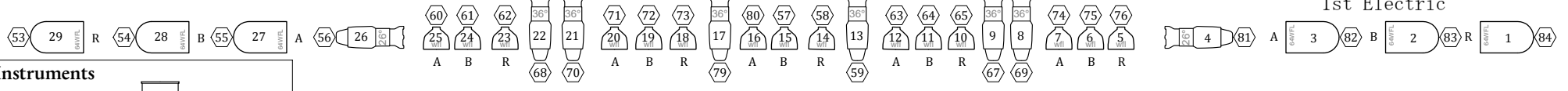
3rd Electric



2nd Electric



1A Electric

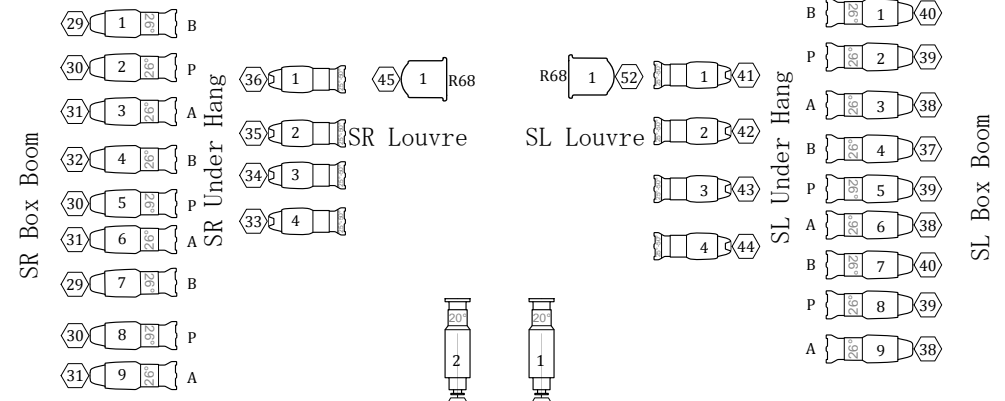


1st Electric

Instruments

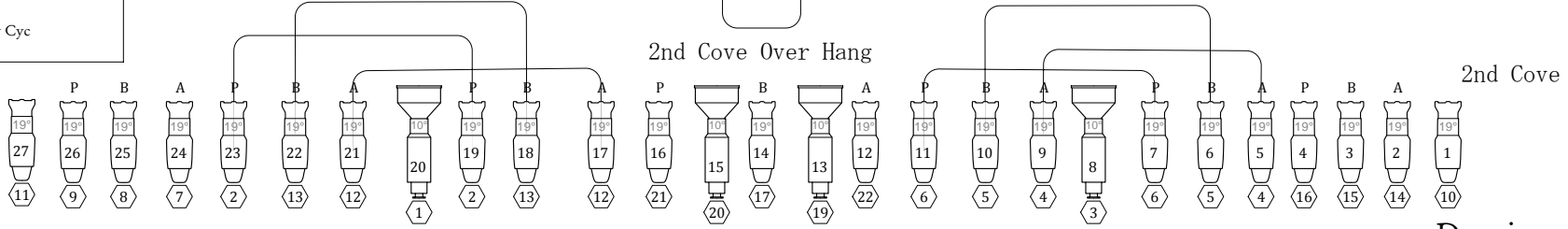
- Source 4 Jr Zoom
- Shakespeare 10deg
- Source 4 19deg
- Shakespeare 20deg
- Source 4 26deg
- PAR 64 WFL
- Source 4 36deg
- 8" Fres
- S4 PAR WFL
- Ground Cyc
- 3 Cell Sky Cyc

RSPAT House Plot
3 color FOH and 3 color Back



KEY

- Color
- Unit Number
- Dimmer



2nd Cove Over Hang

2nd Cove

Drawing not to scale