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# Technical Specifications

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Center for the  
Performing Arts



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255 South Almaden Boulevard  
San Jose, CA 95113

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## Overview

The San Jose Center for the Performing Arts, designed by the Frank Lloyd Wright Foundation and completed in 1972, sits just across the street from the Convention Center. If your meeting calls for a show or presentation, the beautiful, comfortable and flexible Center for the Performing Arts is your ticket. Complete with full-service box office, concessions and state of the art audio visual capabilities, the Center offers dual level, continental-style auditorium seating with a capacity of up to 2,608.

## Fast Facts

- Built in 1972 by the Frank Lloyd Wright Foundation
- Large windows throughout entryways filled with natural light, allowing spectacular views of downtown San Jose
- Continental-style auditorium seating (no center aisles)
- Full service Box Office
- Ample spacing throughout entry areas for cocktail receptions or registration space
- Private Ridder Lounge/President's Club equipped with built in concessions/bar area
  - Capacity for 150
  - Perfect for VIP reception, press/media room for events, or a post-event reception
  - Adjacent to outdoor courtyard
  - Access to backstage dressing rooms
- Private Subscriber's Lounge equipped with built in concessions/bar area
  - Capacity for 50
  - Perfect for VIP reception, press/media room for events, or a post-event reception
  - Adjacent to main entrance with access to backstage
- Home to Broadway San Jose

## Stage Dimensions

- Proscenium Width 59' 6"
- Proscenium Height 34' 0"
- Grid Height 69' 11"
- CL to Stage Right Wall 71' 11" (69' 2" to fly lines)
- Stage Left Wall to Stage Right Wall 143' 5"
- CL to Stage Left Wall 71' 10"
- PL to House Curtain 0' 10" (this lineset is downstage of lineset #1)
- PL to US Wall (at CL) 44' 0"
- PL to FOH Control Room 124' 0"

## Load In

The Loading Dock is located down a sloping, serpentine ramp, with entrances on Almaden Boulevard and San Carlos Boulevard (see photos below).

A 53' trailer with a 2-axle tractor can back down to the loading dock (Photo B) off of San Carlos. We recommend the use of a traffic officer if you have more than 1 trailer to back down making it easier/safer to stop traffic on San Carlos to back down. Arrangements can be made through the venue production manager and paid at settlement.

Any 24'-32' box trucks should be backed into the other dock (Photo A) because it is higher and accommodates box trucks better to unload/load.

It is possible to stage 7 trailers and/or buses around the venue during load in and load out only (see picture on the next page). 1 trailer can be left at the loading dock during the engagement but, other trailers need to be moved offsite. There is NO SHORE POWER available.

The ramp is 18' wide. The loading door in Photo A is 10' x 10'. The loading door in Photo B is 13' wide by 10' high. Access to the stage from the dock is through a 10' x 10' double door. In addition to the dock, with a policeman on duty to block traffic, two 53' trailers can be staged on the Almaden Boulevard side of the ramp allowing for two trucks to be unloaded or loaded on the street in addition to the trailer at the dock. We suggest using a forklift at the top of the ramp for each trailer to offload road boxes and carts, pushers to push down/up the ramp. However, we stress using the dock. Finally, a single axle tractor can be useful if you have access to one. The 4 red end railings are removable.

Photo A:



Photo B:



Wardrobe load in is best done on the street and then rolled up a sidewalk into the double glass doors at the dressing room level, located outside dressing room 7.

### Push to Front of House:

1. Up ramp from dock or from street to handicap ramp near main entrance

2. In dock door, down hallway to 34" wide door, into elevator (6'6"x4'3") and up 1 level to lobby



## Stagehands

### General Guideline of Rates and Conditions:

- Class A is for entertainment including plays, dances, circuses, fund raisers, concerts and fairs. There are three separate type labor calls for a Class A events. 1. Load In for which there is a 4 hour minimum. 2. Performance Call which commences 30 minutes prior to curtain and ends 3.5 hours after curtain or you shall be billed (on the hour) for OT; this is a flat rate. 3. Load Out is a 4 hour minimum or 3 hours if one worked the show call.
- Class E is for corporate, corporate parties, commercial and industrial events, trade shows, computer generated presentations, as well as audio and/or video recording, where the product is to be sold to the attendees or the general public. Class E calls are an 8 hour minimum.
- Stagehands break for 15 minutes after 2 continuous hours worked and break for meal after 5 hours worked. Work on stage shall cease for 1 hour during non-paid one hour meal breaks. 30 minute meal breaks shall be paid and the stage hands shall have their meal provided for them by the client. Meal penalty is two times the prevailing rate. Returning from a 1 hour meal break a stagehand receives a 2 hour minimum.
- Work between the hours of Midnight and 7am shall be paid at double time. There shall be department heads for Sound, Electrics, and Carpentry; also Video, Flyrail and Props if necessary. The steward is above the call. Standard union rules apply.

## Stage Rigging

The Grid floor is 69'11". All Single Purchase Line-sets can be flown out to 66' 0" or with Motorized Line-sets to 66' 0."

There is 25,380 lbs of pig available.

### *Single Purchase Line-sets*

There are 41 single purchase counterweight line-sets (including the Main drape), between 0' 10" to 32' 2" from PL. Each arbor has a 1,050 pound capacity. The locking rails (or control of) these line-sets are stage right (above stage level). All of these batons are 63' in length and standard system pipe construction (Sch40 1½ pipe).

### *Motorized Line-sets*

The theater also has 16 motorized line-sets: 4 variable speed motors (3.1 fps max speed) and 12 constant speed motors (1.24 fps fixed speed), between 24' 10" and 39' 9" from PL. The load limit is 750 pounds. Control of the winch lines requires an operator (typically the local Head Carpenter) on the control panel, which is located on the deck DSR. Each of these winch lines are 68' in length and are a ladder truss construction.

### *Motorized Electric Bridges*

There are two Electric Bridges (ME1 & ME4 on the Hang Plot) that are hard-wired with folding conduit to power the bridges. These two bridges are controlled from the deck (DSR) and travels 6'0" per minute. These bridges can fly out to clear 58' 0" floor. Both are removable given sufficient time and staffing.

There is a hemp rail stage left (above stage level). It is a 2-level type with 39 pins per level. Team San Jose has over 60 spotting wheels and 30+ spotting lines at the theater for your usage.

## Over Stage Rigging Points

Team San Jose has an ample amount of grid logs (3" Sch40 pipe 36" long) stored up in the grid. The grid is a standard C-channel grid.

### FOH Rigging Points

NUMBER OF POINTS	DISTANCE FROM PL	DISTANCE FROM CL	POINT CAPACITY/RATING
2	3'6"	8' 6" SL and SR	2000 lbs (1 ton)
2	3'8"	24' 2" SL and SR	3000 lbs
4	6'0"	5'8" and 21'9" SL & SR	3500 lbs
4	8'6"	4' and 20' SL & SR	1000 lbs
2	13'	29'6" SL and SR	2000 lbs (1 ton)
2	15'	3'6" SL and SR	4500 lbs
2	15'	2' SL and SR	2000 lbs (1 ton)
2	24'	20' 2" SL and SR	2000 lbs

PIPE TO							
LINE		DEPTH	PIPE	PIECE	TRIM	WT	NOTES
PL		0' 0"	0"	PLASTER LINE			
FC		0' 3"	3"	FIRE CURTAIN			
MC		0' 10"	7"	HOUSE MAIN DRAPE			
1		1' 3"	5"	HSE BORDER			
2		1' 10"	7"	HSE LEGS			
3		2' 5 ½"	7"				
4		2' 11 ½"	7"				
5		3' 5"	6 ½"				
ME1	unkickable	3' 7"	2"	1ST ELECTRIC BRIDGE			39 hard-wired circuits, loft block at 4' 2"
		5' 3"	8				
6		5' 11 ½"	8 1/2"				
7		6' 6 ½"	7"				
8		7' 2"	7 ½"				
9		7' 9 ½"	7"				
10		8' 1"	5 ½"	HSE BORDER			
11		8' 10"	9"	HSE TRAVELER			
12		9' 6 ½ "	8 ½"				
13		10' 3"	6 ½ "				
14		10' 10½"	7 ½"				
15		11' 9 1/2"	11"	2ND ELECTRIC			24 drop circuits
16	unkickable	12' 7"	9 ½"				
17	unkickable	13' 3 ½"	8 ½ "				
18	unkickable	13' 9"	5 ½"				
19		14' 3"	6"				
20		15' 5"	14"	HSE BORDER			
21		16' 3"	10"	HSE LEGS			Only trims out to 56'
22		16' 9"	6"				Only trims out to 56'
23		17' 4 ½"	7 ½"				
24		17' 11 ½"	7"				
25		18' 9"	9 ½"	3RD ELECTRIC			24 drop circuits
26		19' 7"	10"				
27		20' 1 ½"	6 ½"				
28		20' 9 ½"	8"				
29		21' 2"	4 ½"				
30		21' 9"	7"	HSE BORDER			
31		22' 3 ½"	6 ½"	HSE LEGS			
32		22' 10"	6 ½"				
33		23' 4 ½"	6 ½"				
34		23' 10"	5 ½"				
35	unkickable	24' 4"	6"				
W1	V-unkickable	24' 10½"	6 ½"				NO COUNTER
W2	V-unkickable	25' 7 ½"	9"				
ME2	unkickable	26' 6"	10 ½"	4TH ELECTRIC BRIDGE			31 hard wired circuits, loft block at 27' 6"
	unkickable	28' 0"	S				

36		28' 5"	5"				
37		29' 4 ½"	11 ½"				
W3	V -unkickable	29' 7"	2 ½"	HSE BORDER			
38		30' 0"	5"				
W4	V-unkickable	30' 10 ½"	10 ½"	HSE LEGS			
39		31' 5"	6 ½"				
40		32' 3 ½"	10 ½"				
W5	C-unkickable	33' 0"	8 ½"				
W6	C-unkickable	33' 8 ½"	8 ½"				
W7	C-unkickable	34' 6"	9 ½"	Far Cys			
W8	C-unkickable	35' 0"	6"				
W9	C-unkickable	35' 6"	6"				
W10	C-unkickable	36' ½"	6 ½"				
W11	C-unkickable	36' 7 ½"	7"				
W12	C-unkickable	37' 0"	4 ½"				
W13	C-unkickable	37' 9 ½"	9 ½"	HSE BORDER			
W14	C-unkickable	38' 4"	6 ½"	HSE LEGS			NO COUNTER
W15	C-unkickable	39' 3"	11"				
W16	C-unkickable	39' 9"	6"	BACK BLACKS			
V=Variable Speed Motors							
C=Constant Speed Motors							
=Fixed Position (non-kickable)							

NOTE: There are light ladders located 36' left and right of center/the bottom of the ladders can fly out to 42' high. Also, the Winches (W) are NOT kickable due to the size of the blocks.

## Curtains, Soft Goods, Masking and Miscellaneous

6 full width black borders with pipe pockets (70' W x 16' H)  
6 pairs of black legs with chain pockets (17' W x 32' H)  
2 full stage black backdrops (60' W x 30' H)  
1 black traveler normally hangs on line-set 11 (2 panels 30' W x 32' H)  
1 bleached muslin seamless 60' W x 30' H white cyclorama  
Appox. 20 pipe extensions 6'-8' long  
Have 75 Grid pipes and 25,300lbs of pig weight available

### *Main Curtain*

Guillotine, works from fly rail. Curtain is burgundy with gold trim.

## Apron Area

With the pit elevators down at house level (or below), the apron of the stage has a concave shape, which is narrowest at CL (4' 10 ½") and gets wider as you move off stage (9' 7").  
Dimensions: From PL to US edge of orchestra pit is 4' 10 ½" at center. From PL to DS edge of orchestra pit is 22' 5 ½". The Orchestra Lift is "eye" shaped, 17' 7" at center (upstage/downstage) by 58' 3" (left to right).

## Power

2000 Amp 3 phase total:

Power all camlock or bare tails. All camlock on distro are Female.

Lighting 3-400 Amp 3Ø Downstage Left and 1-400 Amp 3Ø Upstage Right

Sound 1-200 Amp 3Ø (Isolated) Downstage Left and 1-200 Amp 3Ø (Isolated) Upstage Right

## Lighting

A plot showing the typical house hang is available upon request, in either PDF, CAD or Vectorworks.

There are DMX lines run to back of house left, right and to stage left.

We have 4 Lycian 1295 ELT 3kW

Console: ETC Gio 4K

ETC Sensor-AF Dimmers (1<sup>st</sup> Generation)

Lighting Fixture Inventor/ Location:

1<sup>st</sup> Electric: 8 ETC Desire Fresnels and 7 Mac Aura XIP Wash lights

2<sup>nd</sup> Electric: 8 ETC Desire Fresnels, 2 Mac Aura XIP Wash lights and 1 High end Halcyon Titanium

3<sup>rd</sup> Electric: 8 ETC Desire Fresnels and 1 Mac Aura XIP Wash light

4<sup>th</sup> Electric: 8 ETC Desire Fresnels and 5 High End Holcyon Titanium Fixtures

5<sup>th</sup> Electric: 9 Colorforce II 72 Fixtures (we have 20 total)

1<sup>st</sup> Beam: 6 ETC Lustr 2, 14 degree fixtures and 8 ETC Source 4, 19 degree fixtures

2<sup>nd</sup> Beam: 16 ETC Lustr 2, 14 degree fixtures and 16 ETC Source 4, 10 degree fixtures

SL Box Boom: 4 ETC Lustr 2, 14 degree fixtures

SR Box Boom: 4 ETC Lustr 2, 14 degree fixtures

SL and SR Light ladders (4 on both sides): 2 ETC Source 4, 19 degree, 2 Source 4, 26 degree, 2 Source 4, 36 degree and 4 Chauvet Solo pars on each ladder

Lighting Position      Throw to Curtain

1st Beam      53'      70 degree angle

2nd Beam      65'      65 degree angle

Box Booms      80'      60-20 degree angle

Balcony Rail      80'      there is only 110 power not 208; stage to Balcony rail is 200' cable run

Spot Booths      125'      45 degree angle

## Sound

8 D&B XSL8 Speakers and 4 XSL 12 Speakers for EACH array Left & Right.

4 KSLi Subs flown center (trims out at 29' 6") and 2 SL-GSUB subs on stage (1 left and 1 right)

6 44S Balcony Under Fills

8 D&B Front Fills

Console is a Yamaha DM7-EX (with control module) and 2 Rios; 64 inputs

Yamaha CL5 available as monitor console

8 headset/com hardwired stations

10 Wireless Freespeak com can be provided for an additional fee.

8 Channels of ULXD wireless microphones: 8 handhelds, 8 body packs (4 headset and 4 lavs)

4 M4 Monitors

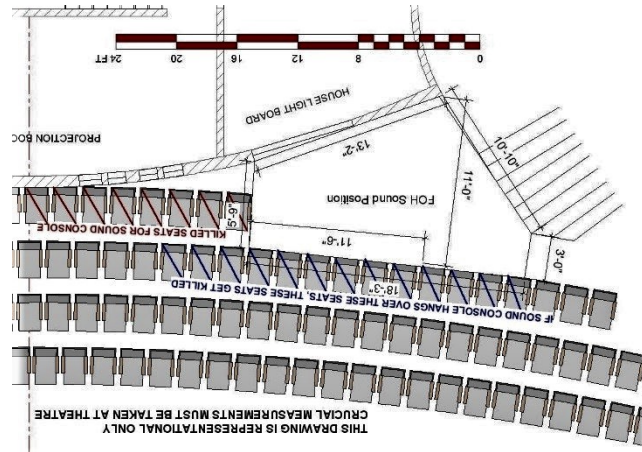
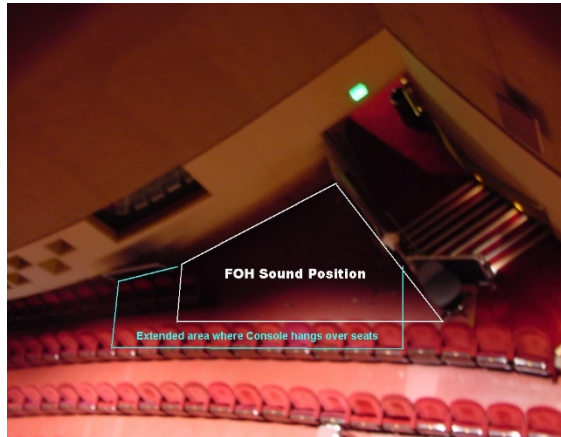
## Snake/cable runs and access:

There is only one 10" tube 105' long running from stage to the back of house. 300' snake will reach from SL and 250' from SR.

There are Two 6" tubes that run under the seats from the pit to FOH

There are dry lines of CAT 6, SDI and LC Fiber that run from the stage to FOH

## Sound Mix Position (House Left):



Tour

## Light board position (House Right):



## Additional Spaces

### *Dressing Rooms*

All dressing rooms are one level above stage level and are accessible by stairways both stage left and stage right. Each is fully equipped with showers, sinks, toilets and make-up tables with lights and chairs. There are also two quick-change rooms on stage level, through a door off-stage right. See drawing (next page) for layout.

Dressing Room #1	Principal Room (carpeted and sofa) only for 1 person
Dressing Rooms #2, 3 & 4	Principal Room (no carpet) for 2-4 people, but most comfortable with only 2 people
Dressing Rooms #5 & 6	Principal room (no carpet) for 2 people, but most comfortable with only 1 person
Dressing Room #7	Men's chorus room; can accommodate up to 30 (would be a tight fit)
Dressing Room #8	Women's chorus room; can accommodate up to 25 (would be a tight fit)

### Stage Level

Quick Change 1	8'6" x 6'	Dry
Quick Change 2	8'6" x 6'	Dry
Tour Production	20' x 23'2"	Dry –internet available (fee per line).

### One Level Above Stage

Dressing Room 1	13'5" x 24'6"	Sink, Toilet, Shower
Dressing Room 2	12'11" x 10'5"	Sink, Toilet, Shower
Dressing Room 3	14'8" x 10'3"	Sink, Toilet, Shower
Dressing Room 4	17'2" x 8'7"	Sink, Toilet, Shower
Dressing Room 5	8'4" x 8'8"	Sink, Toilet, Shower
Dressing Room 6	7'9" x 8'7"	Sink, Toilet, Shower
Wig Room	16'1" x 19'6"	Toilet, Urinal, 2 Shower Stalls, 2 Sinks & 1 slop sink Five 20 Amp Circuits and Portable Makeup Stations
7 Chorus Room	24' x 28'	2 Toilets, 4 Urinals, 5 Shower Stalls, 7 Sinks, 34 Mirror Stations
8 Chorus Room	42' x 14'	6 Toilets, 5 Shower Stalls, 8 Sinks, 34 Mirror Stations
Wardrobe/Laundry	27'10" x 14'8"	3 Top Loading Washers, 3 Dryers, 1 Slop Sink

### One Level Below Stage

Rehearsal Hall	45' x 50'	Same Dimensions as the interior of the orchestra shell on stage.
Conductors DR	10' x 5'	1 Toilet, 1 Sink, 1 Shower Stall, 1 Mirror Station
Musicians DR	27'11" x 24'2"	Woman's Room, 3 Toilets, 3 Sinks; Men's 1 Toilet 1 Urinal, 3 Sinks This room can be used as a classroom.

The pit is accessed from this level while the pit is in normal performance position.

The trap room can have 32'x42' of storage space if off-site storage is arranged for an additional fee.

Dressing room are one level above stage.



## Pianos

The theater owns a 9' -1972 New York Steinway grand piano (available for rent) and an upright rehearsal piano. Tuning is an additional fee.

## Calipers

There are pivoting Calipers located down-stage left and right, 7' 9" down-stage of the plaster line, which when turned parallel with the house walls contributes to the acoustic accuracy of the hall. They can also be rotated to be parallel to the plaster line and act as an additional wing. They are 36' tall and 12' wide. On their off-stage side there is a standard door, which is four or five steps to another door directly to the stage.

There are light ladders and vertical bars affixed to the upstage side of the Calipers to serve as additional lighting "box boom" type positions.

## Video

The theater has 2 Digital Projection Titan 1080p DLP 10k lumen projectors FOH and 2, 16'x9' screens All are available for rent.

## Odds & Ends

Theater has two (2)- 36' genie personnel lifts (1 battery and 1 hardwired).

There are various TV monitors around the building, which carry a closed circuit of the stage, but there is not one on the stage or at the stage manager's panel.

There are 85 standard music stands (with stand lights) available for use.

8 "Z" type wardrobe racks and 5 rolling racks with shelves

A selection of bath and/or stage towels are available for a fee.

## Wifi and Internet

Free Wifi is available (no password): TSJ Theaters

Secure internet lines are available and can be run to various locations in the building.

The lines must be requested in advance and there is a cost associated with each internet line run.

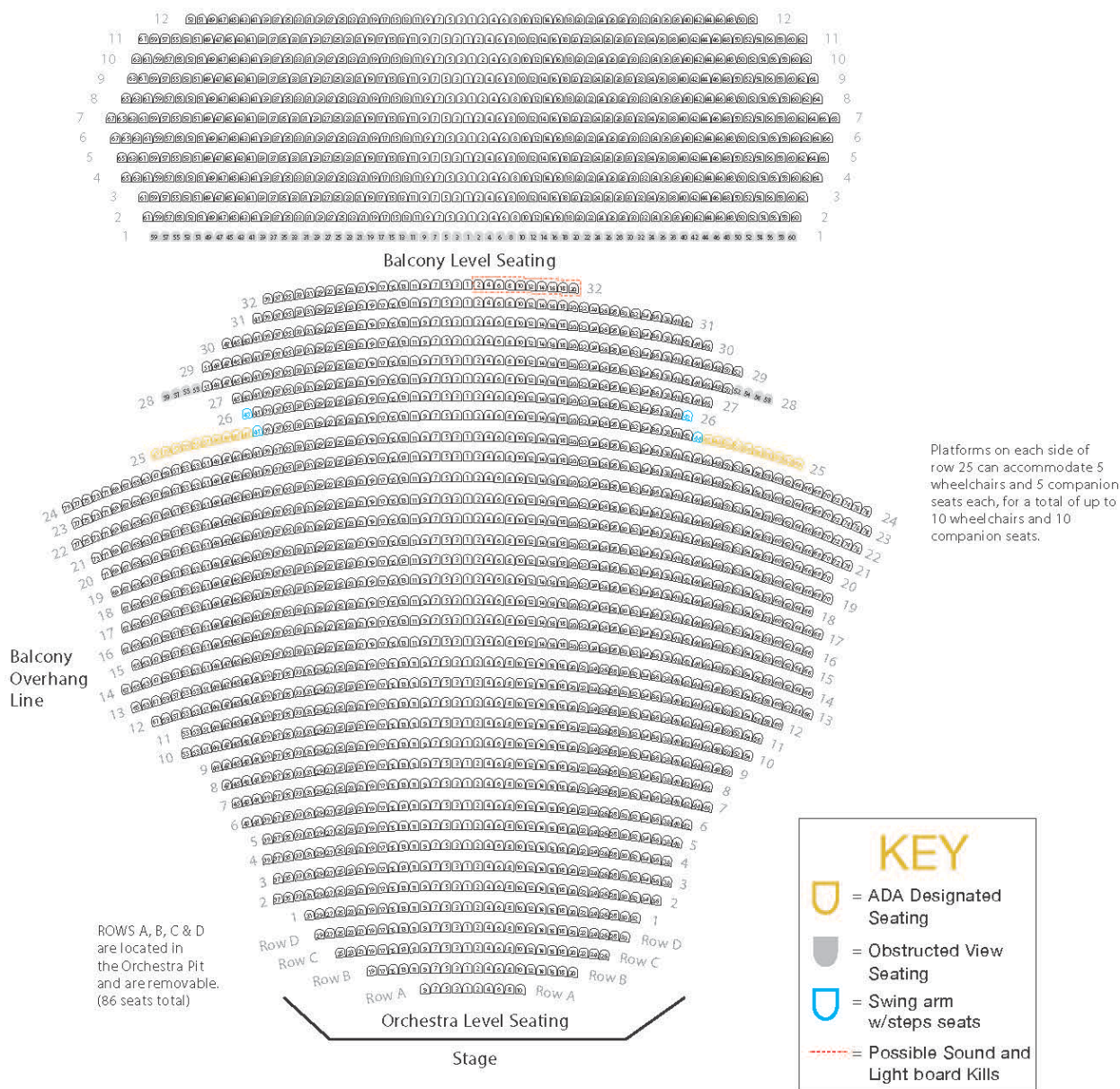
## Elevator

There is 1 elevator that runs between the basement, stage level and all house levels. This is also the patron elevator during performance. Most standard road-boxes fit. There is also the Pit elevator that can move larger equipment to/from the basement during load in/out.

## Shipping Address

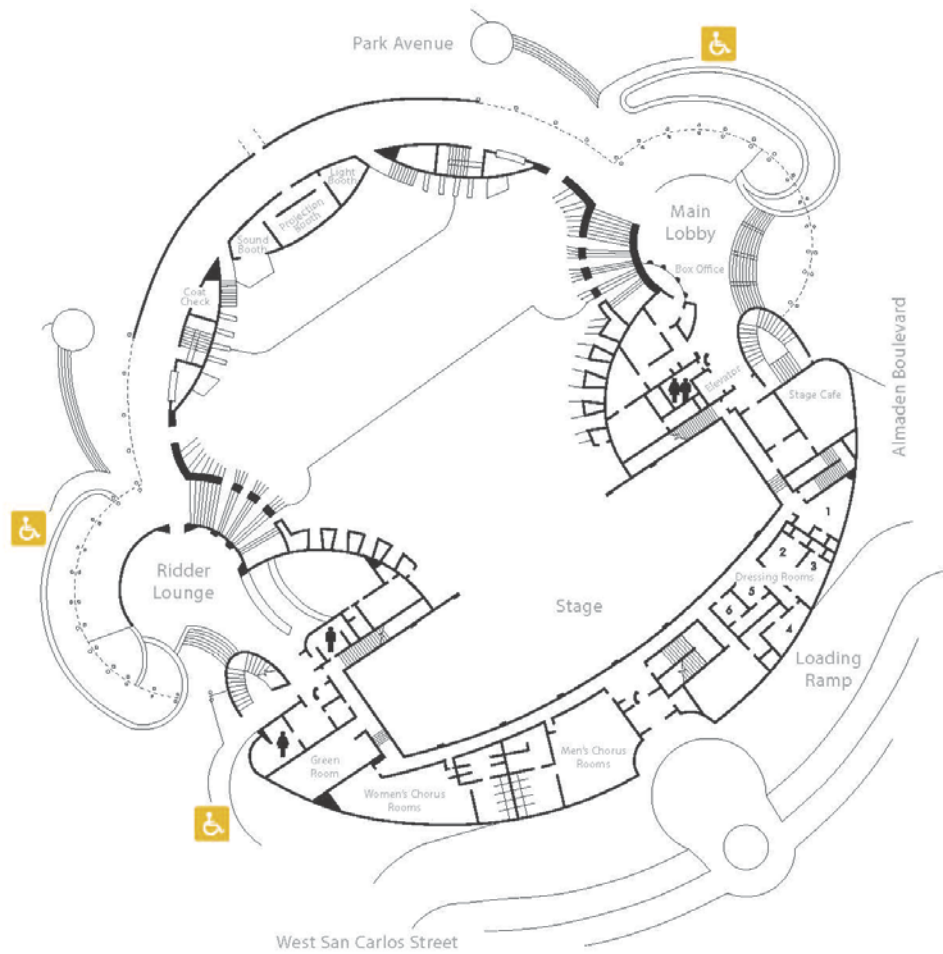
The shipping address is the same as the address on the cover page, only add: Stage Door  
Center for the Performing Arts-Stage Door  
255 South Almaden Blvd, San Jose, CA 95113

# SEATING PLAN



Location	Capacity	Orchestra Level Seating Capacity	Balcony Level Seating Capacity	Stage Proscenium Opening (W x H)	Stage Size (W x D)
Center for the Performing Arts	2,608	1,852 Total (Includes 20 ADA spaces)	756 Fixed	59' 6" x 34'	144' x 40'

# FLOOR PLAN



Location	Capacity	Orchestra Level Seating Capacity	Balcony Level Seating Capacity	Stage Proscenium Opening (W x H)	Stage Size (W x D)
Center for the Performing Arts	2,608	1,852 Total (Includes 20 ADA spaces)	756 Fixed	59' 6" x 34'	144' x 40'

# EXPLORE DOWNTOWN #DTSJ



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