

Zellerbach Auditorium Facility Information

Zellerbach Auditorium is a well-equipped professional venue located centrally in Berkeley and at one of the main entrances to the UC Berkeley campus. First opened in 1967, the auditorium's technical infrastructure includes carefully maintained and state-of-the-art rigging, lighting, audio and video systems. With a seating capacity of nearly 2,000, the space is ideal for a wide variety of performances, including concerts, spoken word, comedy, plays, musicals, dance, and more.

Standard Venue Set Up

The standard equipment configuration of Zellerbach Auditorium includes:

- Overhead and FOH lighting systems installed
- PA sound systems installed
- 4 channels of wireless microphone
- Video projection and screen installed over stage
- Front of House video camera and live program feed distribution
- House soft goods and masking in repertory positions (black legs and borders hung to mask the stage electrics)
- Clear stage
- 1984 fixed seats

The following equipment is also available as part of the daily single venue use fee, with additional labor costs incurred for setup:

- Meyer Constellation acoustic sound enhancement system
- Dance lighting package (side booms and rear cyclorama)
- Dance floor installed (sprung floor or marley)
- Stage risers, orchestra chairs and music stands
- Orchestra pit, either small or large configuration
- Steinway & Sons, New York 9 ft. concert grand piano
- Video streaming equipment
- Microphones and stage monitors for musical performances

See below for full equipment lists and technical details.

Technical Contacts

Zellerbach Hall Stage Door		510-642-0212
Senior Director of Operations	Matthew Norman	mnorman@calperformances.org
Production Manager	Rachel Caproni	rcaproni@calperformances.org
Head of Audio/Visual	Thomas Craft	tcraft@calperformances.org
Head Carpenter	Kevin Riggall	kriggall@calperformances.org
Head Electrician	Charles Clear	cclear@calperformances.org



Location

101 Zellerbach Hall #4800

Berkeley, CA 94720

[Get Directions >](#) [Campus Map >](#)

House Capacity

Orchestra	1,042
Mezzanine	394
Tiers	160
Balcony	382
Total	1978 (including all accessible seating and companion seats)
Use small pit (remove Orchestra rows AA-DD)	-77 = 1901 capacity
Use Wagnerian pit (remove Orchestra rows AA-FF)	-129 = 1849 capacity

Stage Dimensions

Proscenium	63'x30'	(19.20m x 9.14m)
Portal Opening (hard leg traveler)	63' w max -32' w min	(19.20m-9.75m)
Offstage Right	30'	(9.5m)
Offstage Left	12'	(3.66m)
Curtain to rear wall	44' (plaster line)	(13.4m)
Curtain to last line set	42'5"	(12.95m)
Curtain to edge of apron	6'	(1.85m)
Curtain to edge of pit	18'6"	(5.65m)
Orchestra Pit	12'6" (deepest point)	(3.84m)
Height of stage from auditorium	3'6"	(1.07m)
Distance to well beams	77'6"	(23.62m)
Lineset maximum travel	73'	(22.25m)
Typical electric trim	27-30'	(8.23m-9.14m)

Note: Small pit can accommodate up to 40 musicians. Wagnerian pit (up to 65 musicians) is also available, expanding the pit area to 19' (5.8m).

Lineset Schedule

Line #	Dist. to Plasterline	Pipe Length	Capacity	Notes
FC	0—7" (0.18m)	65'	N/A	Fire Curtain—Motorized; not tied into fire alarm system
1	1'2" (.36m)	74' (22.55m)	1970#	Main Curtain—Variable Speed Motor (560ft/min)
2	2'3" (0.68m)	74' (22.55m)	1260#	Hard Header
3	2'10" (0.86m)	74' (22.55m)	1260#	Hard Legs
4	3'4" (1m)	74' (22.55m)	1260#	
5a	3'11" (1.19m)	60' (18.28m)	2000#	Bridge Electric DS—Fixed Speed Motorized



Line #	Dist. to Plasterline	Pipe Length	Capacity	Notes
5b	5'0" (1.52m)	60' (18.28m)		Bridge Center Pipe—Fixed Speed Motorized
5c	6'0" (1.52m)	60' (18.28m)		Bridge Electric US—Fixed Speed Motorized
6	7'1" (2.15m)	74' (22.55m)	1260#	
7	7'9" (2.36m)	74' (22.55m)	1260#	Constellation Audio Line Set
8	8'3" (2.36m)	74' (22.55m)	1260#	
9	8'11" (2.51m)	74' (22.55m)	1260#	
10	9'4" (2.84m)	74' (22.55m)	1260#	
11	10'5" (3.17m)	74' (22.55m)	1260#	
12	11'2" (3.40m)	74' (22.55m)	1260#	
13	11'10" (3.60m)	74' (22.55m)	1260#	
14	12'6" (3.81m)	74' (22.55m)	1260#	
15	13'3" (4.03m)	74' (22.55m)	1260#	
16	14'3" (4.34m)	74' (22.55m)	1740#	Raceway Electric; limited out trim
17	15'6" (4.72m)	74' (22.55m)	1260#	
18	16'3" (1m)	74' (22.55m)	1260#	
19	17'2" (5.23m)	74' (22.55m)	1260#	
20	17'9" (5.41m)	74' (22.55m)	1260#	
21	18'4" (5.58m)	74' (22.55m)	1260#	
22	19'1" (5.81m)	74' (22.55m)	1260#	
23	19'9" (6.01m)	74' (22.55m)	1260#	Constellation Audio Line Set
24	20'5" (6.22m)	74' (22.55m)	1260#	
25	21'4" (6.50m)	74' (22.55m)	1260#	
26	22'10" (6.95m)	74' (22.55m)	1260#	
27	24'0" (7.31m)	74' (22.55m)	1740#	Raceway Electric; limited out trim
28	25'4" (7.72m)	74' (22.55m)	1260#	
29	26'2" (7.97m)	74' (22.55m)	1970#	
30	26'8" (8.12m)	74' (22.55m)	1970#	
31	27'5" (8.35m)	74' (22.55m)	1970#	
32	28'0" (8.53m)	74' (22.55m)	1970#	
33	28'9" (8.73m)	74' (22.55m)	1970#	
34	29'6" (8.99m)	74' (22.55m)	1970#	
35	30'1" (9.16m)	74' (22.55m)	1970#	
36	30'9" (9.37m)	74' (22.55m)	1970#	
37	31'5" (9.57m)	74' (22.55m)	1970#	
38	32'0" (9.75m)	74' (22.55m)	1970#	
39	32'10" (10.0m)	74' (22.55m)	1970#	
40	33'7" (10.23m)	74' (22.55m)	1970#	
41	34'9" (10.59m)	74' (22.55m)	1740#	Raceway Electric; limited out trim
42	36'1" (10.99m)	74' (22.55m)	1970#	
43	36'10" (11.22m)	74' (22.55m)	1970#	
44	37'7" (11.45m)	74' (22.55m)	1970#	Constellation Audio Line Set
45	38'3" (11.65m)	74' (22.55m)	1970#	



Line #	Dist. to Plasterline	Pipe Length	Capacity	Notes
46	39'2" (11.93m)	74' (22.55m)	1970#	
47	39'10" (12.14m)	74' (22.55m)	1970#	
48	40'7" (12.36m)	70' (21.33m)	1970#	Short Line Set, Obstruction SR
49	41'11" (12.77m)	70' (21.33m)	1970#	Short Line Set, Obstruction SR
50	42'6" (12.95m)	70' (21.33m)	1970#	Short Line Set, Obstruction SR

Notes: All Pipes 1.5" O.D. Truss Battens. 74' pipes have seven lines: Center, +/- 12', +/- 24' and +/- 36'.

Staging Equipment

Floor

- **Stage Floor**
 - Flat black particle board floor over sprung fir. Not raked. Anchors/lags are allowed.
- **Sprung Floor**
 - L'Aire Encore—60' x 36' including side ramps. Advance notice, set-up time and labor required. Pianos, heavy scenery or other possibly damaging loads are not allowed.
- **Dance Floor**
 - Harlequin Reversible Pro- Black/White-Non-Rosin
 - 1—Black/Grey Rosco dance floor. *Rosin Allowed*
 - 1—Black/Grey Rosco rehearsal marley

Soft Goods

Grand Drape (Blue)	Stage Left (Motorized Line Set)	
Full Legs, 8 Pair (16)	40'h x 20'w	(12.19m x 6.1m)
Borders, (6)	12'h x 70'w	(3.66m x 21.34m)
Tall Border, (1)	16'h x 70'w	(4.88m x 21.34m)
Full Stage Blackout (1)	40'h x 72'w	(12.19m x 21.95m)
Black Scrim (2)	30'h x 60'w	(9.14m x 18.3m)
White Scrim (1)	30'h x 60'w	(9.14m x 18.3m)
White Muslin Bounce (1)	36'h x 68'w	(10.97m x 20.73m)
Cyclorama (1) Rosebrand Milk White 115	36'h x 68'w	(10.97m x 20.73m)

Assorted Properties

8—2' x 8' tables

2—2' x 6' tables

2—Wardrobe Steamers

2—Washing Machine- *Laundry shared with TDPS, available on a case-by-case basis*

2—Dryers- *Laundry shared with TDPS, available on a case-by-case basis*

Quick Change Booth Components

27 Drapes, 15 Vertical Pipes, 14 Horizontal Pipes, 15 Bases

Orchestra Chairs and Stands

145—Orchestra chairs—black with chrome railings

140—Music stands—Manhasset and Hamilton. Black.

10—Music stands—Collapsing, Hamilton Model 600-N, Chrome.



100—Music stand lights—generally lamped at 60 watts

Orchestra Shell

8 piece Wenger “mini-shell,” each unit is 6’ wide by 12’ high. Top flipper can play vertically or angle down. Medium Gray.

Risers Decks- Sightline Commercial SC90 riser system

4—Cross Base (cut length = 88")	4—Handrail
4—Cross Base (cut length = 41")	2—Drum Riser
36—Riser tops 4' x 8'	24—Chair Stop—8'
8 – Riser tops 4' x 4'	35—Chair Stop—4'
32 – Riser tops 2' x 8'	4 – Riser Cross Bracing 8'
6 – Riser tops 2' x 6'	2 – Riser Cross Bracing 4'
7 – Riser tops 2' x 4'	38—Clamps
8—Guardrail 8' x 42"	2—Stairs
8—Guardrail 4' x 42"	24—Single Offset Leg Rolling Caster
130—Leg—8"	16—Dual Leg Cup Rolling Caster
80—Leg—16"	16—Speed Rail Tee Fitting
48—Leg—24"	
30—Leg 32"	Riser Skirts in All Sizes

Pianos

- Steinway & Sons New York, Model D, 9' concert grand, serial number-607608 (built in 2018)
- Steinway & Sons New York, Model D, 9' concert grand, serial number-560300 (built in 2001)
- Steinway 'Boston' Upright, serial number B183773
- Knight Upright Piano, serial number 30891

Tuning arrangements must be coordinated with the production schedule.

Sound Equipment

Sound Reinforcement system designed and tuned by Bob McCarthy for Meyer Sound.

Main Loudspeaker Arrays

- 24 x Meyer Leopard (12 per side)
- 10 X Meyer 900-LFC subwoofer (5 per side)

Center Loudspeakers

- 1 X Meyer UPQ2 down fill

Near Fill Loudspeakers

- 2 X Meyer UPJ (tier fill)
- 6 X Meyer M1D (stage lip front fill – on stage surface)

Monitor Loudspeakers

- 10 X Meyer UM1P monitor wedges
- 4 X Meyer UPQ used as side fill

Loudspeaker Management System

- 5 X Meyer Galileo 616 (one available at FOH mix position)

Front of House Console

- Yamaha CL5 with 2 X Yamaha Rio 3224 stage box



Monitor console

- Yamaha QL5
- Soundcraft Expression 3 with mini stage box 32

Wireless Microphone Systems

- House system- 4 X channels of Shure UHF-R-handheld combo- SM58 or bodypack with WL185 lavalier mic
- Additional (if available)- 8 X channels of Shure ULXD combo- handheld Beta58 or bodypack with DPA 4088

Wired Microphones

- 4 X AKG 414 condenser
- 6 X Shure SM81 condenser
- 10 X Shure SM58 dynamic
- 3 X Shure Beta58 dynamic
- 4 X Shure SM57 dynamic
- 4 X DPA 4099
- 1 Shure Beta52
- 1 Audix D6
- 1 X AKG D112
- 1 Sennheiser e602
- 3 X Sennheiser e604 with clamp
- 2 X Sennheiser MD421
- 4 X Shure Beta 98 with drum clamp
- 3 X Crown PCC 160 (phase coherent) condenser
- 6 X Countryman Type 85 active DI Box
- 2 X Radial Passive DI Box
- 2 X Whirlwind PC stereo DI

Playback

- Mac Mini with Q-lab 5

Sound Power

- 200 Amp, 3 Phase transformer isolated service- all female cam-lock tie-in stage right.

Intercom

- Wired- Clear-Com MS-704 base station.
- Clear-Com RS-701 belt packs located throughout the auditorium three (3) RS-702 dual channel belt packs are additionally available.
- Wireless- Clear-Com Freespeak II dual channel system with five (5) full duplex 2 channel wireless belt packs.

Acoustic Enhancement System

Meyer Constellation

Zellerbach Hall has a Meyer Sound [Constellation acoustic enhancement](#) system. This system is used separately from the amplified PA system.

Video Equipment

- 2 X Panasonic PT-DZ21KU2 Projector (21K Lumen)
- 2 X Panasonic ET-D75LE30 Lens (2.40 – 4.70)
- 1 X Panasonic ET-D75LE50 Lens (fixed 0.70)



- 1 X AV Stumpfl 20' X 15' 4:3 aspect ratio video screen (front and rear surfaces available)
- 1 X AV Stumpfl 24.75 x 15' 16:9 aspect ratio video screen (front surface only)
- 2 x Sony 55" LED tv with rolling stand
- 1 x Analog Way Pulse2 H presentation switcher
- Peripherals- various adapters, extenders, cabling, screens, etc.

Camera systems

- Tricaster Mini 4K NDI in upper video booth with camera controllers
- 2 X Birddog P400 mounted house left and right in the orchestra seating area
- 1 X Panasonic AW-UE150 mounted center in the orchestra seating area
- 1 X Panasonic AW-UE150 mounted center in video booth provides the distributed stage view
- Screens located stage left and right, off stage right area, Green Room, Star Dressing Room, Stage Door reception, dressing Room #109, plus five screens in the lobby.

Lighting and Electrics Equipment

Lighting Consoles

- ETC EOS Ti Lighting Control Desk, software version 3.xx , 24,567 Outputs
- ETC External Fader Wing-4 x10 Manual
- ETC Nomad Puck + Program wing backup console, 6,144 Outputs
- ETC External Fader Wing-1x20 Motorized
- ETC Net3 DMX Gateways
- Patchable Cat6 Lighting Data Network with distribution throughout the auditorium
- ETC Paradigm Architectural system

Dimmers

- ETC Sensor 3 Installation Racks
- ETC Sensor 3 ThruPower Modules, 2.4KW
- 3 x ETC 48 x 2.4KW Portable Dimmer Rack. Two-per circuit patch panel, 16 Soca Pex 19pin Outputs, & Stage Pin output. Each portable rack is loaded with 48 D20 dimmers.

Company Switch/Patch Panel

- 5 x 400A 3 phase switches (Lex Products PowerGATE) located in various locations Stage Right. All services are within 50' (15.24m) of Stage Right. Connections are all female Cam-Lok at the panel and feature dual neutrals. There is a house feeder that extends 2 services into the SR wing via a floor trough.
- 1 x 12 Circuit 208v Power Distro. Cam-Lok input and pass-thru (reverse N/G). 4 x 19pin Soca-Pex (208v) and 1 x L21-30 30A 3 phase Twist Lock outputs.

Lighting Inventory

Followspots

- 4 x Robert Juliat Cyrano 1015-M follow spots. 3°-8° zoom, 2500w HMI lamp @ 6000° K, electronic ballast. Does **not** accept super trouper color frames. 8 ¼" gel diameter.

Lighting Instruments

Pre-hung Front of House positions:

- 2nd Beam FOH: 32 Source Four 10° 750W. 6 of these 10° units are equipped with SeaChanger xG color changers. 6 Varilite VL3500Q moving lights.
- 1st Beam FOH: 12 Source Four 10° 750W, 18 Source Four 14° 750W. 6 of these 14° units are equipped with SeaChanger xG color changers.
- 2nd Slot FOH (SL & SR): 14 Source Four 10° 750W (each side) 5 of these 10° units are equipped with SeaChanger xG color changers.
- 1st Slot FOH (SL & SR): 14 Source Four 19° 750W, 1 Source Four 10° 750W (each side)



- Balcony Rail: 6 Source Four 5° 750W
- Mezzanine Rail: 9 Source Four 14° 750W
- Anti Proscenium Truss: 4 Source Four 19° 575w, 6 ETC Selador D60 Lustr+ LED Wash units, 6 ETC Source4 Par Medium 575w WC. 4 Martin Viper Performance moving lights.

Over-Stage hung as needed. Standard rep plot information available upon request.

Additional Inventory

- 11 x Strand IRIS “3” Model 3468, 1kw 3 Cell Cyc Light (rigged to fly).
- 16 x Selecon Aurora 1kw Single Cell Cyc Light (rigged to fly).
- 10 x Selecon Aurora 1kw 3 Cell Cyc Light (ground row).
- 16 x Selecon Aurora 1kw Single Cell Cyc Light (ground row).
- 12x Source Four Ellipsoidal Zoom, 15° – 30°, 750W
- 12x Source Four Ellipsoidal Zoom, 25° – 50°, 750W
- 200+x Source Four Ellipsoidal bodies with assorted lens tubes.
 - 17 @ 50°
 - 106 @ 36°
 - 80 @ 26°
 - 41 @ 19°
 - 15 @ 14°
- 10 x Portable Truss Towers, 10 Source Four fixtures per tower (mix of 36° and 26° units, 575w)
- 60 x PAR 64, 1kw, with standard lamp options (VNSP—WFL).

PAR 64 Lamp had been discontinued, remaining stock only. Please Inquire.

- 80 x Source Four Par with standard lens options (VNSP—WFL), 750W
- 18 x Source Four Par XWFL Lenses
- 30 x Robert Juliat 329 CHF 2kw Tungsten Fresnel with 12 PC Lens Kits.
- 34x ETC Selador D60 Lustr+ LED Wash units with the following lens options:
 - Medium Oblong
 - Wide Oblong
 - Medium Round
 - Wide Linear
- 4x Vari Lite VL 3000Q Moving lights (iris, no shutters)
- 6x Martin Mac Viper Performance moving light
- 10x Martin Mac Viper Profile moving light (no shutters)
- 15x Chauvet Freedom Quad Par LED uplights
- Assorted Barn Doors, Top-Hats, Half-Hats, Color Extenders, Iris’, Pattern Holders and other accessories.

Effects

- 2x Ultratech Radiance Hazer
- 1x Ultratech G3000 Fog Effects Generator

Additional Equipment

- Pre-hung work lights
- Ladders, 2 x Genie Personnel Lift (DPL-35S, AWP-36S).
- Assorted Data Cable, Power Cable, Two-fers, Multi-cable and Break-outs.

Important Notes: Some lighting inventory is shared with the Department of Theater, Dance and Performance Studies. Lighting equipment is available only with advance notice. Please advance an inventory, lighting plot, and associated paperwork. Zellerbach Hall does not maintain a reliable gel inventory.

Circuits/Lighting Positions

- All circuits are 20 A Stage Pin, 120V, unless otherwise noted.



POSITION	# Cir	Type	Notes
1st Beam	28	20A	60' (18.3m) to plasterline, 51' (15.6m) above stage
2nd Beam	28	20A	60' (22.9m) to plasterline, 54' (16.5m) above stage
Balcony Rail	8	20A	89' (27.13m) to plasterline
Mezzanine Rail	16	20A	69' (21.03m) to plasterline
1st Electric	46	20A	
1st Electric	6	20A	250V circuits via female Socapex
1st Electric	2	20A	120V relay controlled circuits, L5-20
1st Electric	5	20A	120V constant circuits, L5-20
2nd Electric	24	20A	14'3" (4.34m) to plasterline
3rd Electric	26	20A	24'0" (7.32m) to plasterline
4th Electric	24	20A	34'9" (10.59m) to plasterline
DSR AP Wall	6	20A	(6 used for AP Truss rehearsal lights.)
DSL AP Wall	6	20A	
Pit Elevator	3	20A	Floor Pockets
SL Floor (4)	4	20A	
USL Floor (3)	4	20A	
SR Floor (4)	4	20A	
USR Floor (3)	4	20A	
OFF L	1	50A	
OFF R	1	50A	
SL Slot 1	14	20A	
SL Slot 2	20	20A	
SR Slot 1	14	20A	
SR Slot 2	20	20A	
SR Prosc Wall	6	20A	
SL Prosc Wall (+20')	6	20A	
SL Gallery DS (+20')	6	20A	
SL Gallery Mid (+20')	8	20A	
SR Gallery Mid (+25')	16	20A	
USC Wall	6	20A	

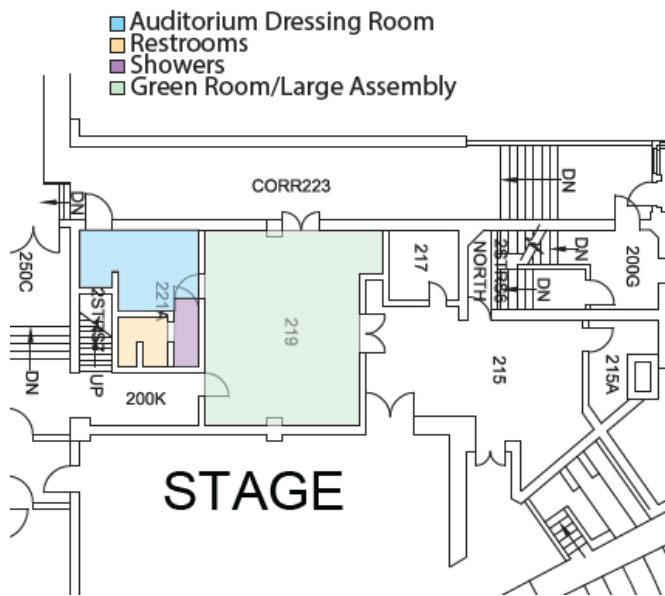
Dressing Rooms

All dressing rooms are equipped with monitors and page system, costume racks, and dressing tables. Toilet facilities and showers are conveniently located. Some dressing rooms are shared and subject to availability.

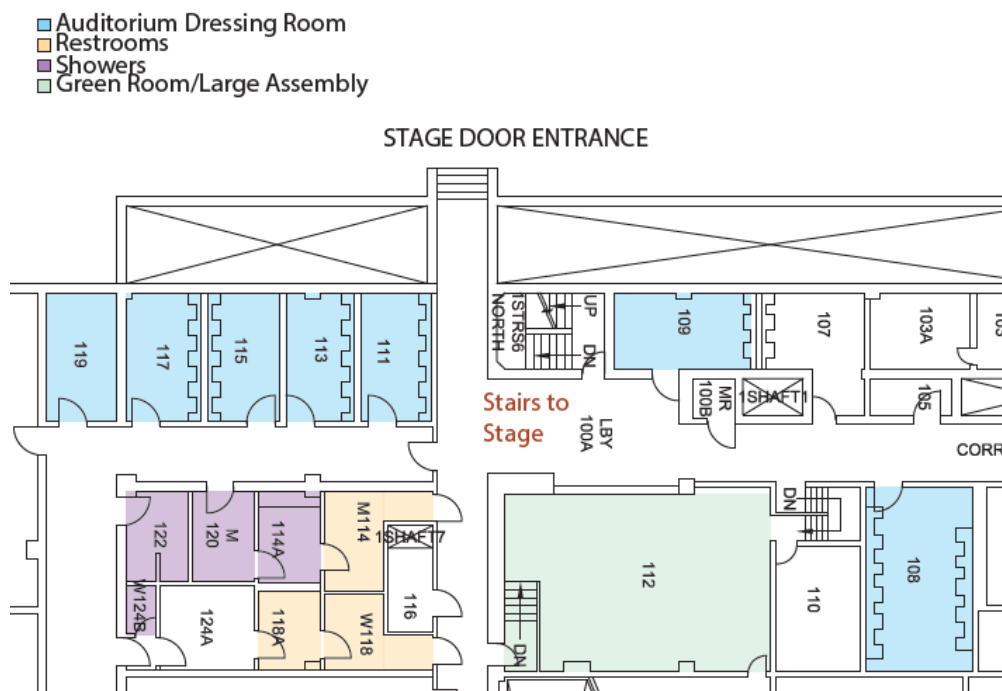
Stage Level

1 X Star dressing room, stage level, SL.1 makeup mirror, full bath.

1 X Green Room, Table, Couch, Kitchenette, Work Stations



1 X large assembly, conference tables and chairs, can be used as dressing room *Room 112*



Stage Door Entrance

Zellerbach Hall is secured from public access except during show times. All arrivals must be made at the Stage Door entrance on the north side of the building, opposite the Alumni House. The doors are at the base of the staircase, which are accessible by key card only. Please knock for the attendant upon arrival for entry to the building



Loading Dock

The loading dock is located off Spieker Plaza at the intersection of Bancroft Way and Dana Street, approximately 15' (4.58 m) from stage right. The dock is 3'4" (1 m) high, with a door opening of 12' x 16' (3.66 m x 4.88 m).

The dock accommodates one truck at a time, including trailers up to 53' with a standard sleeper-cab tractor. Access requires a 90° backing maneuver from Bancroft Way onto Spieker Plaza.

Advance arrangements are required for all loading dock access. Spieker Plaza is designated for pedestrian use only, and vehicle access is restricted by removable bollards. Cal Performances staff must coordinate the removal of these bollards before any truck approaches the loading dock.

Drivers experiencing access difficulties should contact the Stage Door attendant at 510-642-0212.

Parking is not permitted at the loading dock. All parking permits and arrangements must be secured in advance.

Lower Sproul Parking Garage

Located off of Bancroft Way, this garage has a height limitation of 11'3". Cal Performances has 2 loading/unloading spaces available located just to the left as you enter the garage.



Trucking Directions



Directions to Cal Performances (Zellerbach Hall) Loading Dock

If approaching from University Ave Turn right onto Oxford Street then Left onto Durant Ave. and Left onto Telegraph then follow step 1

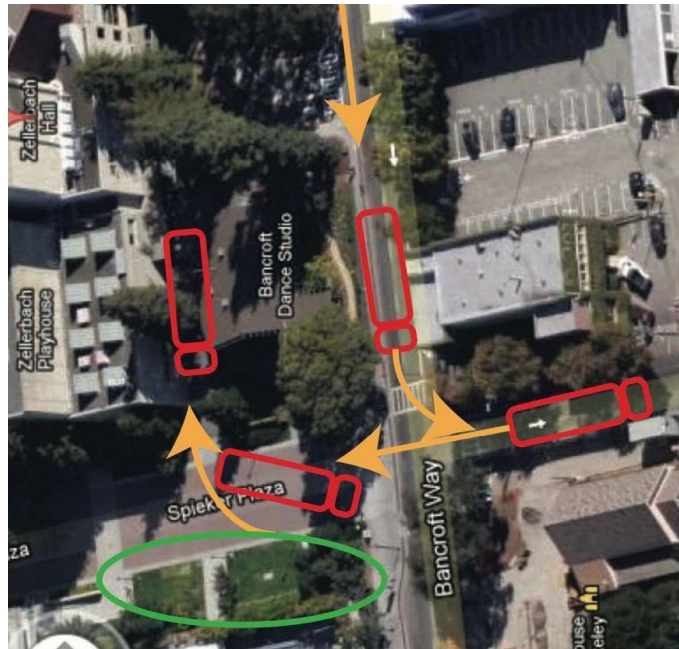
- 1) Head **North** on **Telegraph Ave** drive until the street ends at **Bancroft Way** and turn **LEFT**
- 2) Once onto Bancroft Ave **continue through one light** then **prepare to turn LEFT** onto **Dana Street**
- 3) After turning onto Dana Street **position trailer in Right Lane** and stand by for CalPerfs Staff to remove Bollard across the Street.
- 4) With instruction from CalPerfs staff **back trailer across Bancroft Way onto Spieker Plaza**

Be aware that Spieker Plaza is designed as a pedestrian walkway closed to vehicle traffic and students are not always aware of trailers movements

- 5) Trailer will need to make a **hard 90 deg. Back-In to Loading dock** with several repositions to line up trailer.

See next Page for detail of trailer movements into loading dock

Trailer Approach Detail



The area outlined in green is now covered with mulch. Although vehicles may drive over this area, drivers should avoid doing so whenever possible.

A light pole at the left edge of the marked area presents the primary obstacle when backing a trailer toward the dock.

Once the trailer has cleared the light pole, drivers can use the large concrete pad opposite the loading dock to straighten the trailer and complete the backing maneuver.



Crew Information

Cal Performances manages Zellerbach Auditorium, Zellerbach Playhouse, the William Randolph Hearst Greek Theatre, and Wheeler Auditorium. Cal Performances is governed by a union contract between the University of California, Berkeley, and the University Professional and Technical Employees ([UPTE](#)), Local 1, which is affiliated with the Communication Workers of America (CWA). All stagehand employees are professional, non-student positions. Please call in advance regarding [IATSE](#) labor or “yellow card” shows.