



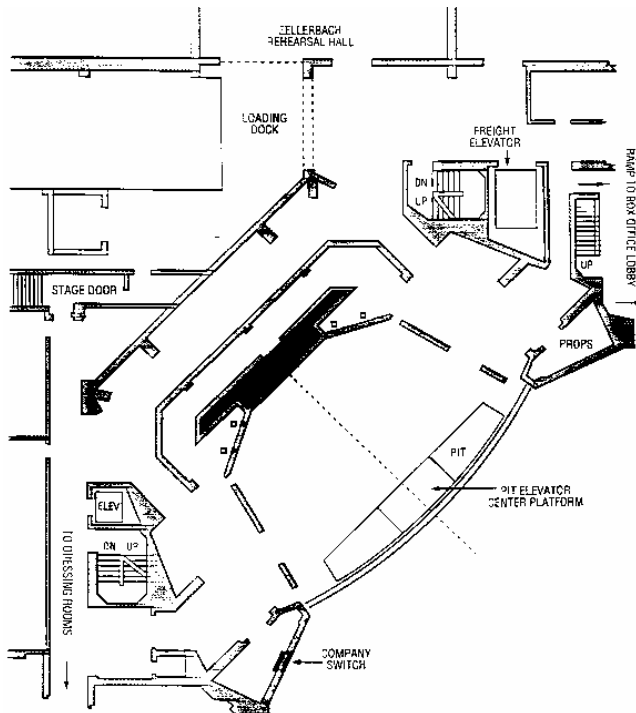
LOUISE M. DAVIES SYMPHONY HALL - Technical Specifications

TECHNICAL INFORMATION

Stage sidewall to sidewall DS	64'-3"
Stage sidewall to sidewall US	48'-6"
Overall depth of stage at centerline	43'-4"
Upstage edge of pit to back wall at centerline	34'-2"
Stage height above floor of house	3'-3"
Stage floor to ceiling	67'-9"
Stage floor to Orchestra Pendant Down Lights	25'-6"
Stage side wall height (plus 8-1/4" rail height)	11'-9"
Upstage enclosed crossover nominal width	7'-6"
Follow spot booth to center stage	142'-0"
Projection booth to center stage	110'-0"
Pit elevator dimension up to down stage	8'-0"
Pit elevator center platform width	14'-0"
Pit elevator full width	48'-0"
Pit elevator up to down stage dimension at off stage ends	4'-9"

Pit has additional space at intermediate level below stage for placement of 40-50 musicians. The "traditional" orchestra pit is then an additional 9'-6" up to down stage by a total of 65' wide.

Note: Pit may be raised to stage height or lowered to the basement as either a full width or center platform width elevator.



Additional views of Davies Hall online at :
<http://www.panoscan.com/SFSymphony/DaviesCube.mov>
 Panoramic image courtesy of [Panoscan Inc.](#)
 (Opens with [QuickTime](#))

ELECTRICAL

Control

ETC Insight III, 108 Subs. & Digital Memory Console.
 AVAB Designer Series manual redundant controls.

Dimmers

144 2KW & 12 6KW stage dimmers accessible through stage pin receptacles or Pyle-National 8 circuit receptacles distributed at lighting positions.
 24 platform dimmers for orchestra pendant down lights.
 All dimmers AVAB Digital Dimmer II series.
 Lighting positions and circuit layouts available on request.

Company Switch (Road Board Hook Up or Auxiliary Power)

600 Amp 3 Phase "Wye" 120/208 VAC available down stage right. Additional Power by special arrangement.

Lighting Equipment Inventory

2 Strong Gladiators, 2.5KW Xenon.
 14 ETC Source IV 10° Ellipsoidal Reflector Spots, 2nd Attic Beam position.
 Various Colortran 5° & 10° ERS, 1st Attic Beam position.
 16 ETC Source IV 15-30° Zoom ERS, Box Boom position.
 28 ETC Source IV 19°, Down Stage Ladder positions
 18 Colortran 12-20-30-40° ERS, Upstage Ladder positions.

SOUND

Communications & Monitoring

Clear Com 2 Ch. party line to all operating positions.
 Call and show audio monitor to dressing rooms.
 Closed-circuit television - Cameras at first tier and in Pipe Organ.
 CCTV Video distribution to production spaces.
 Meyer center hung loudspeaker cluster on motorized reveal from auditorium ceiling. Additional Meyer delay loudspeakers for Front Fill and in ceiling over 2nd tier.
 Yamaha PM-3500 Front Mix Console, 32 Mic inputs, 4 Stereo inputs, Mono House output.
 60 plus microphone outlets on stage.
 Information for Road Company sound mix equipment provisions and "Dry Line" signal distribution available on request.
 "Digital Audio Recording" information of on-site facilities available on request.

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PROJECTION

Front projection booth or production space available by conversion of Orchestra Rear Box "M, N & O". No projectors fitted; no House screen. Projection set ups require consultation with House Electrician due to complexity of audience sight lines and staging requirements on Orchestra Platform.

STAGE FLOOR

Hardwood, tongue and groove, sprung.
Upstage 12'-3" of stage has permanent 37" high orchestra riser. (31" support platform & 6" covers)
Width of stage is 50'-10" at DS line of this permanent platform.
Full orchestra risers of 5 tiers in half circle configuration normally are in place for Symphony Orchestra staging. Details available on request.

LOADING

Loading door (270 Hayes Street at Franklin Street)
Dock height 3'-4"
Inner fire door at dock 20'-0" W. x 10'-6" H.
Doors to stage 7'-10" W. x 6'-11" H.

DRESSING ROOMS

5 Dressing Rooms SR, each with private bath.
Capacity: 1-4 people.
2 Locker Rooms in basement.

Note: no wardrobe facilities.

AUDITORIUM CAPACITY

Orchestra	1,046
Orchestra Side Boxes	92
Orchestra Center Boxes	46
Terrace Sides	120
Terrace Center (bench seating)	111
Loge	252
First Tier	447
Second Tier	629
Seating in front of stage	2,512
Terrace Seating	231
Total Capacity	2,743

Wheelchair spaces or seats

Orchestra	18
Orchestra Boxes	4
Terrace	4
Loge	3
First Tier	0
Second Tier	2
Total Wheelchair Spaces	31

DAVIES SYMPHONY HALL ORGAN

The San Francisco Symphony's Ruffatti organ, the largest concert hall organ in North America, was constructed in Padua, Italy, by Fratelli Ruffatti and installed over a nine-month period by Organ Arts, Ltd., of San Francisco, under the personal direction of Piero and Francesco Ruffatti. The first concerts featuring the organ were presented in April 1984. The pipes—8,264 of them—vary in size from the largest, which is thirty-six feet tall and weighs 1,200 pounds, to the smallest, which is the size of a pencil and weighs six ounces. The main console has five manuals and pedals; the small portable console has one manual, which plays only the pipes appropriate to baroque music. Either console can be plugged into five locations on and off the stage.

The purchase and construction of the organ was made possible through gifts from principal donor Frank M. Tack and the Paul L. and Phyllis Wattis Foundation. An anonymous donor established a permanent endowment fund in 1984 to provide for the maintenance and performance of the organ.

For further information, contact:
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