

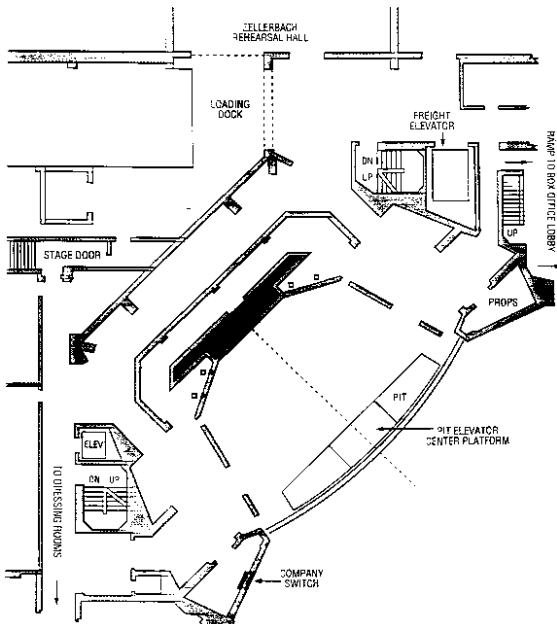
**Technical Specifications**  
**LOUISE M. DAVIES SYMPHONY HALL**  
**SAN FRANCISCO WAR MEMORIAL and PERFORMING ARTS CENTER**  
 401 Van Ness Ave, Room 110  
 San Francisco, CA 94102  
 Telephone: (415) 621-6600 / Fax: (415) 621-5091

**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.*



**ELECTRICAL**

**Control**

ETC Apex 5 Console, powered by Eos control software.  
 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 Canto, Aurora X1 Medium LED & 1 Strong Gladiator, 2.5KW Xenon.  
 14 ETC Source IV 10° Ellipsoidal Reflector Spots, 2<sup>nd</sup> Attic Beam position.  
 Various ETC Source IV 5° & 10° ERS, 1<sup>st</sup> Attic Beam position.  
 16 ETC Source IV 15-30° Zoom ERS, Box Boom position. 24 ETC Source IV 19°, Down Stage Ladder positions  
 26 ETC Source IV 19-26-36°-50° 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 front & 1 upstage.  
 CCTV Video distribution to production spaces.

**Sound Reinforcement**

Meyer Leopard stereo line array. 4 Meyer UPM speakers for front fill. Meyer Calisto front end processing with up to 6 discreet drive feeds into system.  
 Yamaha DM7-EX Front Of House Mix Console, Networked via Dante to positions SL, SR, projection booth.  
 No house monitor system, but rental monitor boards can be attached to the Dante network.  
 Yamaha RIO 3224 standard on SL and RIO 1608 on SR for patching to analog monitors or other distribution. 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.

## 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 36" high orchestra riser. (30" 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
<b>Total Capacity</b>	<b>2,743</b>

## Wheelchair spaces or seats

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

## DAVIES SYMPHONY HALL ORGAN

In the summer of 1983, the San Francisco Symphony installed a 22½ ton electro-pneumatic organ, the largest concert hall organ in North America. Fabricated by Fratelli Ruffatti in Padua, Italy, the organ is comprised of 163 ranks and 9,235 pipes which vary in size from approximately that of a ball-point pen to over 32 feet tall.

The Davies Symphony Hall Ruffatti Organ offers the flexibility of accommodating both orchestral and choral repertoires and also affords opportunities for solo literature and recording projects. The organ features five manuals and is designed to play all organ literature from pre-baroque through romantic and contemporary periods.

