



# CENTER THEATER

## TECHNICAL SPECIFICATIONS

404 SEAT PROSCENIUM THEATER WITH FLY LOFT

### DEPARTMENT CONTACTS

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## **Introduction**

The California Center for the Arts, Escondido (CCAЕ) is located next to the City of Escondido’s award-winning City Hall, and is the second component in the City’s Civic Center project created to establish the downtown as the heart of the community. The Center’s gala opening, which attracted more than 10,000 people, was in October of 1994.

The CCAЕ is comprised of four facilities. The Concert Hall is a 1523 seat proscenium theater/concert hall. The Center Theater is a fully-equipped 404 seat proscenium theatre. The 9000 square foot Conference Center has five ballrooms in addition to meeting and break-out rooms. The Museum with three galleries and four studios completes the twelve acre Center.

The Center was designed by the firm of Moore Ruble Yudell of Santa Monica, CA. The General Contractor on the project was McKee Construction Company. Theatre consultation was by Theatre Projects Consultants, Inc. The acoustician was The Talaske Group.

### **The Center Mission Statement**

The mission of the California Center for the Arts, Escondido is to enrich the lives of all within its reach through the Arts and their power for community building and enhancement by providing diverse artistic, cultural, educational, social and entertainment experiences of the highest quality.

### **The Technical Production Department Mission Statement**

The CCAЕ Technical Production Department is dedicated to providing courteous, efficient, quality service to its clients---whether they are from outside organizations or from other CCAЕ departments---while also providing a safe and healthy working environment for its employees at all times. Department employees recognize that successful live performances and events are a collaborative effort that require a high degree of cooperation, teamwork, organization, flexibility, and shared information.

### **The Technical Production Department**

The Technical Production Department consists of the Technical Director, Production Manager, Stage Supervisor, Master Carpenter/Rigger, Assistant Carpenter, Master Electrician, Assistant Electrician, Head Audio Engineer, and Audio Assistant. The Technical Director, three heads of department, and three department assistants primarily work in the Concert Hall. The Production Manager primarily works in the Center Theater with Center - trained stagehand interns. The

Stage Supervisor works in both facilities.

### **Stagehand Labor**

The Center Theater stage crews are primarily composed of students from the Center's Stage Technician Intern Program. Under certain circumstances, union and non-union professionals will fill selected positions. The Center adheres to work standards and conditions established by the International Alliance of Theatrical Stage Employees to provide all stagehands with a safe work environment.

All Center equipment will be set up, operated, and taken down by Center personnel.

### **Fire Codes**

It is the policy of the Center to fully comply with all city, county, state, and federal safety and fire regulations. The County of San Diego's codes are among the strictest in the country.

All sets, props, and other items brought into the facilities by outside companies must be flameproofed in full compliance with all applicable city, county, state, and federal codes. Proof of flame retardancy must be provided at the time of load-in. All sets, props, and other items brought into the facilities by outside companies must also meet safety standards established by the CCAE Technical Production Department. The Technical Director reserves the right to prohibit the entry of any item failing to comply with fire codes and/or safety standards. In addition, no equipment may be set up on the stage that will in any way impede the operation of the fire curtain.

The use of special effects equipment, including, but not limited to, smoke machines, fog machines, and all types of pyrotechnic equipment, as well as the use of candles, cigarettes, and all types of flames, is subject to the advance approval of the Technical Director and the City of Escondido Fire Marshal. Please note: The Technical Director has denied permission in the past to companies that didn't obtain advance approval to use special effects in their shows. Even if you think that what you're bringing in is not a big deal, the City of Escondido does.

Any equipment that necessitates the disabling of the theatre's smoke system to operate will require a fire watch by a representative from the Escondido Fire Department. The cost for this fire watch will be passed on to the company bringing in the equipment.

The fire codes also apply to any equipment set up in the house. The placement of consoles, cable runs, videotaping equipment, etc. is subject to the approval of the Center's Technical Director and/or House Manager, and, in some cases, the City of Escondido Fire Marshal.

### **Smoke-Free**

## Facilities

In accordance with California state law, all of the buildings comprising the Center are smoke-free facilities. Certain outdoor spaces have been designated as smoking areas and have been outfitted with ash cans.

## STAGE SPECIFICATIONS

### Stage Floor Construction

NovaPly, painted black, on 2" x 6" sleepers on neoprene pads.

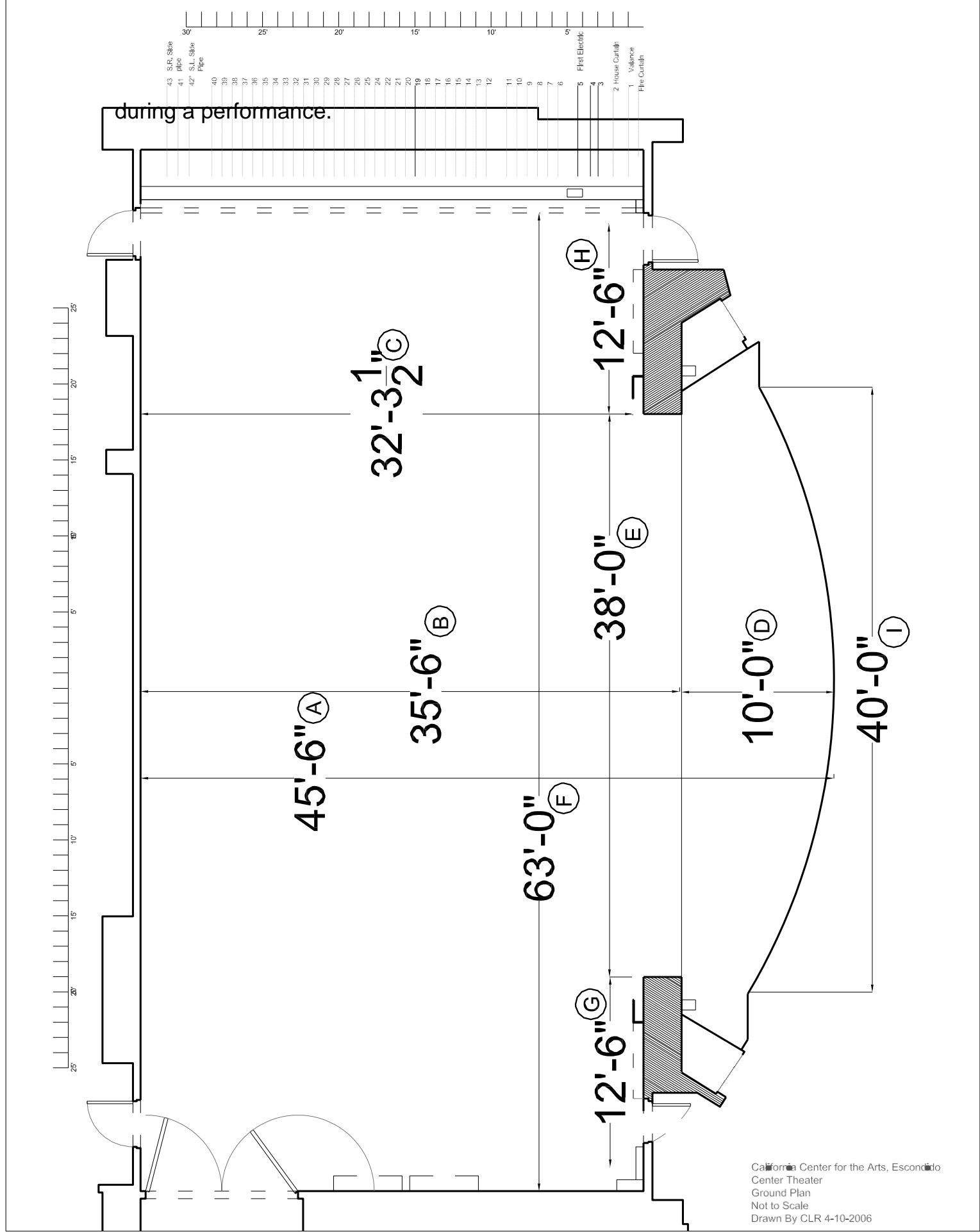
Refer to the appropriate letter on the attached drawing.

- (A) Front of Lift to Back Wall 45'-6"
- (B) Front of Stage to Back Wall 35'-6"
- (C) Plaster Line to Back Wall 33'-0"
- (D) Front of Lift to Front of Stage 10'-0"
- (E) Proscenium Width 38'-0"
- (F) Stage Right -  
Useable Space to Locking Rail 63'-0"  
If Rail is in use 60'-0"
- (G) Stage Right Wing 12'-6"
- (H) Stage Left Wing 12'-6"  
If Rail is in use 9'-6"
- (I) Lift (at its widest) 40'-0"

The following measurements are not specified on the drawing.

- (J) Curtain Line to Front of Stage 4'-6"
- (K) Curtain Line to Front of Lift 14'-6"
- (L) Curtain Line to Back Wall 31'-0"
- (M) Proscenium Height 21'-6"
- (N) Height to Grid 54'-0"
- (O) Height to Pin Rail 29'-0"
- (P) House Floor to Stage 3'-0"
- (Q) Orchestra Pit capacity 35 Musicians
- (R) Projection Distances
  - 1) Balcony Rail to Apron 40'-0"
  - 2) Light Gallery to Apron 50'-0"
  - 3) Control Booth to Apron 51'-0"
  - 4) Light Rotunda to Apron 52'-0"
  - 5) Light Bridge to Apron 42'-0"

Please note: If the lift is used, a total of 39 seats are killed. The lift has four fixed positions: Stage, House, Seats, and Pit levels. It may not be operated



during a performance.

- 43 S.R. Slope
- 41 pipe
- 42 S.L. Slope Pipe
- 39
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- 15
- 14
- 13
- 12
- 11
- 10
- 9
- 8
- 7
- 6
- 5 First Electric
- 4
- 3
- 2 House Curtain
- 1 Valance
- File Curtain

California Center for the Arts, Escondido  
 Center Theater  
 Ground Plan  
 Not to Scale  
 Drawn By CLR 4-10-2006

## Stage Equipment

**Please note:** The use of all stage equipment is subject to availability and must be requested in advance.

<b>Item(s)</b>	<b>Quantity</b>
Chairs, black Wenger Musician	100
Chairs, black Wenger Cello	6
Chairs, black folding plastic	75
Dance floor, Harlequin Studio, black	5 pieces
Flags, California	2
Flags, United States	2
Music Stands, Wenger	75
Music Stand lights, Universal Klip-lite	75
Piano, 7' Steinway Grand	1
Podium, conductors, grey Wenger (two piece)	1
Riser legs: 8", 16", 24", 32"	10 sets each
Riser tops, Wenger, 4' x 8' orchestra	25
Choir riser, Wenger 4 step	8 pieces
StageRight acoustical shell	10 pieces

## SOUND SYSTEM

### **Console:**

Soundcraft GB4-32 32 x 4 x 2 mixer

### **Location of console:**

The control booth at the rear of the Mezzanine.

### **Front of House Speakers:**

Tops: 2 JBL AM7215/26 powered by Crown Macro-Tech 9000i

Bottoms: 2 JBL AM7215/95 powered by Crown Macro-Tech 9000i

Subs: 2 JBL ASB7118 powered by Crown Macro-Tech 12000i

Front Fills: 4 VUE Audiotechnik a-8 powered by Crown XTi4002

### **Equipment:**

Yamaha REV500 Effects Processor

Panasonic 3700 DAT Player/Recorder

2 - Tascam CD – 01U Compact Disk Players

Nakamichi MR-1 Cassette Player/Recorder  
Klark Teknik DN3600 Stereo programmable Graphic EQ (1/3 octave)  
Yamaha Q2031A Graphic EQ (1/3 octave)  
Aphex 323 Compellor

**Microphones:**

In house: Shure Beta 58, SM57, and Crown PCC.  
By advance arrangement only: mics by AKG and other Shure mics

**Wireless Microphones:**

(4) – Shure LX Series VHF wireless receivers, each with (1) – handheld and (1) – lavalier microphone.

**Monitors:**

ElectroVoice 1202 and Bose 102

**Assisted Listening System**

William’s Sound PPA 457 FM system

**Phantom Power:**

+48v is supplied from the console.

**Sound Boxes:**

Sound boxes are located throughout the building, including one on each corner of the stage. All sound boxes include one or more of the following: microphone inputs, XLR tie-lines, 2-channel Clear Com, BNC tie-lines, Neutrik Speak-On loudspeaker loops, and paging station inputs.

**Sound Pressure Levels:**

Due to the potential volume levels available with our FOH system and any system that may come into the building with a show, the California Center for the Arts, Escondido has adopted a very strict policy regarding SPL. The following maximum dB level restrictions have been set for the protection of our audience members, crew, and artists. At no time shall the maximum A-weighted SPL ever reach above 110dB at the Center of House (COH) in Row "H." The Center reserves the right to direct their Head Audio Engineer or his designate to reduce system levels to remain within acceptable SPLs.

<u>SPL @ COH</u>	<u>Maximum Time</u>
90dB	4 hours
92dB	3 hours
95dB	2 hours
97dB	1.5 hours
100dB	1 hour

## DIMMERS AND CONTROL

**Control:**

ETC Ion (software version 1.9.12)  
 Control booth at rear of the Mezzanine

**Dimmers:**

Strand CD80/8 (Dimmer per circuit) – CD3000  
 retrofit

330 @ 2.4Kw  
 24 @ 6Kw

**Circuits:**

Pin

### Lighting Fixture Inventory

**Lighting Hang**

<u>Fixture</u>	<u>Quantity</u>	<u>Wattage</u>
ETC Source 4 – 36 degree	6	575
ETC Source 4 – 26 degree	10/12	750/575
ETC Source 4 – 19 degree	22/4	750/575
ETC Source 4 – Parnel	30	575
 Strand 6” Fresnelite	 15	 1000
Source 4 multipar 12 (Cyc Lights)	5	575
Lycian 1209 Midget HP	2	575

**In Storage (available by advance request only)**

<u>Fixture</u>	<u>Quantity</u>	<u>Wattage</u>
ETC Source 4 – 50 degree	4	750
ETC Source 4 – 36 degree	19	750
ETC Source 4 – 26 degree	34	750
ETC Source 4 – 19 degree	20	750
ETC Source 4 – 10 degree	4	750
ETC Source 4 – Parnel	6	750
Strand 8” Fresnelite	17	2000
Strand 6” Fresnelite	8	1000



Quartzcolor Iris 4	4	1000 x 4 cells
Altman Par 64 VNSP	30	1000
Altman Par 64 NSP	30	1000
Altman Par 64 MFL	30	1000
Altman Par 64 WFL	30	100

## Video Projection Equipment

### Projector:

Sanyo PLC-XP46 LCD Projector

### Screen:

Da-Lite 10-1/2' x 14', both front and rear screens

### Playback:

(1) DVD Player

## POWER DISTRIBUTION

Safety-lock 120/208 Volts

3 Phase Adapters to Cam•Lok available

Amps	Location	Distance to Proscenium	Comments
200 Amp Production Switch	SR Wall	12'	Isolated Ground
400 Amp Road Switch	SR Wall	17'	
400 Amp Utility Switch	USL Wall	35'	
400 Amp Utility Switch	USL Wall	35'	

## LOADING

Loading dock address: 340 North Escondido Boulevard

**Please note: There are no available parking spots by the Center Theater on weekdays during the day. Vehicles must be unloaded and moved to the CCAE's north parking lot. Limited parking is available on weekday evenings and weekends.**

Dock location (at the Conference Center)  
Upstage right/stage level Dock height: 4'

The dock is 121' from the Loading Door. An alternate unloading site is in the parking lot 31' from the Loading Door. The parking lot is at stage level.

Distance from Loading Door to Stage: 18'  
Loading Door to Receiving Area: 8'W x 10'H  
Access Doors to Stage from Receiving Area USR: 5'W x 18'H

## Rigging

Fly rail location:	Stage left at stage level
Pin rail location:	Stage left at stage level and catwalk level Stage right at catwalk level
Counterweight linesets:	Across stage – 40 (1000 lbs.) Up/down stage – 2 (1000 lbs.)
Motorized 1 <sup>st</sup> electric	1500 lbs.
Batten length:	50' (1 <sup>st</sup> electric 52')
Batten high trim:	Typical 52'
Batten travel:	Typical 49'

**Please note: Linesets #40 and 41 are under the upstage catwalk and will only travel to a high trim of 23'2"**

## Draperies

Act curtain:	Green, (1) pair – 24'H x 27'W
Grand valance:	Green, (1) – 10'H x 50'W
Traveler – midstage:	Black, (1) pair – 26'H x 27'W
Traveler – upstage:	Black, (1) pair – 26'H x 27'W
Legs	Black, (4) pairs – 26'H x 12'W
Borders	Black, (1) – 7'-6"H x 52'W

	Black, (3) – 15'H x 52'W
Side masking tabs (Germans)	Black, (4) per side - 25'-7" x 8'W
Backdrop	White cyclorama, (1) – 35'H x 54'W

## **Center Theater Lineset Schedule**

Line #	From Prosc.	House Goods	From C/L	Show Goods	Notes
	4"	Fire Curtain			
1	1'	Grand Valance	C/L		
2	2'	Act Curtain	C/L		Dedicated Set
3	3'	#1 Border	C/L		
4	3' 6"	#1 Legs	18'		
5	4' 4"	1st Electric			Dedicated Set
6	5' 8"				
7	6' 4"				
8	7'				
9	7' 8"				
10	8' 4"				
11	9'				
12	10' 4"				
13	11'	#2 Border	C/L		
14	11' 8"	#2 Legs	18'		
15	12' 4"				
16	13'	2nd Electric			
17	13' 8"				
18	14' 4"				
19	15'	Mid Traveler	C/L		
20	15' 8"				
21	16' 4"				
22	17'				
23	17' 8"				
24	18' 4"	#3 Border	C/L		
25	19'	#3 Legs	18'		
26	20' 4"	3rd Electric			
27	21'				
28	21' 8"				
29	22' 4"				
30	23'	#4 Border	C/L		
31	23' 8"	#4 Legs	18'		
32	24' 4"				
33	25'	Cyc Electric			Dedicated Set
34	25' 8"				
35	26' 4"				
36	27'				
37	27' 8"	Upstage Traveler	C/L		
38	28' 4"	Cyc	C/L		
39	29'				
40	30' 4"				Under catwalk
41	31' 8"				Under catwalk
42	Side	SL Up/Down batten			
43	Side	SR Up/Down batten			

## Dressing Rooms

All rooms have make-up lights, mirrors, chairs, a sink, and a shower. The location of all dressing rooms is stage left.

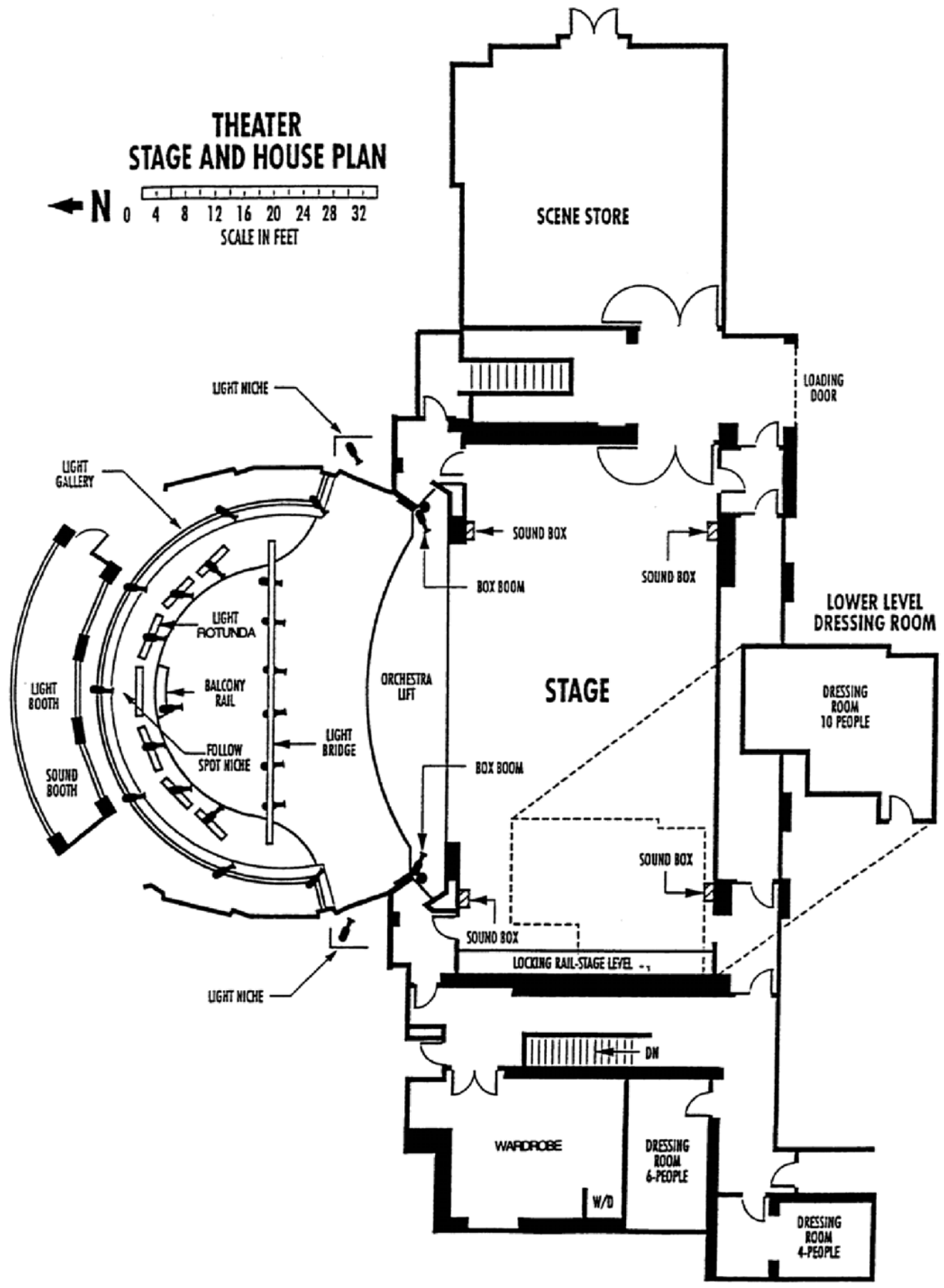
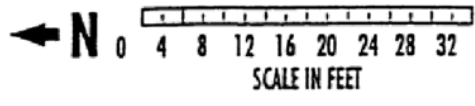
<b>Room</b>	<b>Number of Mirrors</b>	<b>Maximum Capacity</b>	<b>Notes</b>
A	4	8	Stage Level
B	6	12	Stage Level
C	10	20	In Basement

## **Wardrobe Room**

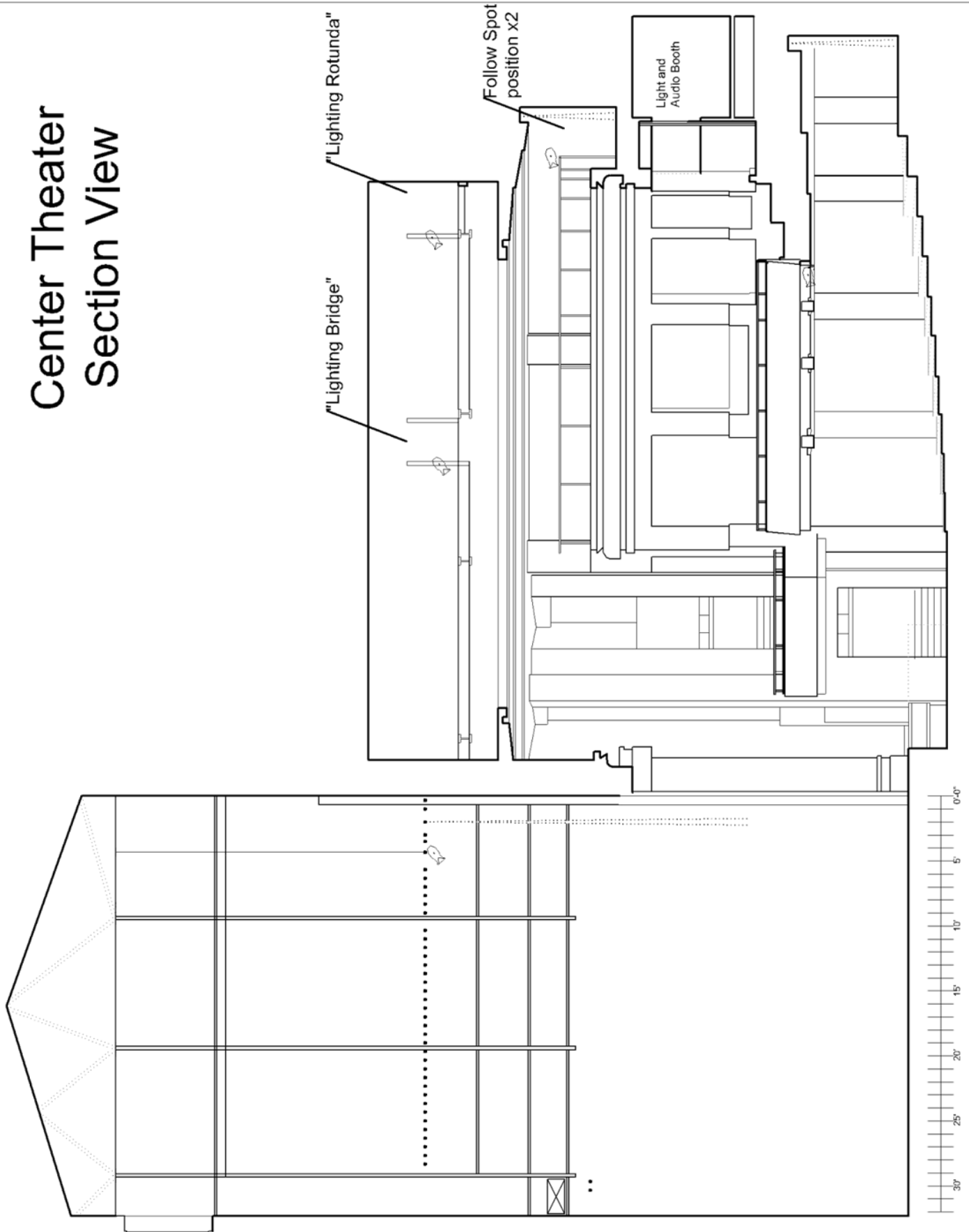
The Wardrobe Room can be used for costumes, as a green room, or as an extra dressing room. It has a table and chairs, mirrors, a small sink, cupboards, and a counter. There is also a washer and dryer available. (An additional charge will apply for the use of the laundry facilities.)

The Wardrobe Room is located offstage left. The maximum number of people allowed in the room is 25.

# THEATER STAGE AND HOUSE PLAN



# Center Theater Section View



California Center for the Arts, Escondido  
 Center Theater  
 Section View  
 Not to Scale  
 Drawn By CLR 2/21/2006

## **DIRECTIONS TO THE CENTER THEATER LOADING**

## **AREA AT THE CALIFORNIA CENTER FOR THE ARTS, ESCONDIDO**

**340 North Escondido Boulevard, Escondido, CA, 92025**

### **FROM SAN DIEGO:**

- **Take Interstate 15 north to the Valley Parkway exit---turn right. When you can, get in the center lane.**
- **Valley Parkway splits off and becomes a one-way street named Second Avenue. The left lane becomes a “must exit” lane. Stay in the center lane.**
- **Go to Escondido Boulevard---turn left.**
- **You’ll cross Grand Avenue and Valley Parkway. The Arts Center will be on your right. Go past the Arts Center to Woodward Avenue---turn right.**
- **Turn right on Broadway. Turn right on Valley Parkway.**
- **Turn into the next right-hand driveway and then into the parking lot on the left side. (If you reach Escondido Boulevard, you have missed the driveway and will need to go around the block again.)**
- **The loading door and backstage door are located diagonally across from the entrance to the parking lot.**
- **Please avoid parking in the blue handicapped parking space at all times, even to load or unload.**

### **FROM LOS ANGELES AND COASTAL ORANGE COUNTY:**

- **Take Interstate 5 south to Highway 78 east.**
- **Follow Highway 78 east to the end of the highway at Broadway. Turn right on Broadway.**
- **Turn right on Valley Parkway.**



## **FROM LOS ANGELES AND COASTAL ORANGE COUNTY**

**(continued):**

- Turn into the next right-hand driveway and then into the parking lot on the left side. (If you reach Escondido Boulevard, you have missed the driveway
- and will need to go around the block again.
- The loading door and backstage door are located diagonally across from the entrance to the parking lot.
- Please avoid parking in the blue handicapped parking space at all times, even to load or unload.

## **FROM RIVERSIDE AND INLAND ORANGE COUNTY:**

- Take Interstate 15 south to Highway 78 east.
- Follow Highway 78 east to the end of the highway at Broadway. Turn right on Broadway.
- Turn right on Valley Parkway.
- Turn into the next right-hand driveway and then into the parking lot on the left side. (If you reach Escondido Boulevard, you have missed the driveway
- and will need to go around the block again.)
- The loading door and backstage door are located diagonally across from the entrance to the parking lot.
- Please avoid parking in the blue handicapped parking space at all times, even to load or unload.

**If you need additional directions while en route, call the Center Security office at 760-839-4130**

