



Santa Barbara Center for the Performing Arts

## TECHNICAL SPECIFICATIONS

### Stage Dimensions

|                                  |                  |
|----------------------------------|------------------|
| Proscenium width:                | 50'              |
| Proscenium height:               | 29'-6"           |
| Plaster line to back wall        | 46'-0"           |
| Plaster line to last line set.   | 41'-10"          |
| Plaster line to edge of apron:   | 4' -0"           |
| Plaster line to edge of          |                  |
| Orch. Pit Platform @ Centerline: | 15'-0"           |
| Orch. Pit Platform:              | 11'- 0" x 36'-9" |
| Stage left minimum wing space    | 10'- 1"*         |
| Stage Right minimum wing space   | 32' – 2"         |
| Stage to Grid:                   | 68'-3"           |
| Stage to Fly floors:             | 0" and 30'-0"    |
| Stage to loading bridges         | 51' and 61'      |

### Loading / Access

The loading door is located in the Paseo off of Anapamu Street, midway between State and Anacapa Street, and pull thru to Anacapa street exit can be arranged. ONE Vehicle at a time and only within designated loading area. Blocking access of City parking lot or Fire lane not allowed.

**NO LOADING DOCK-** Trucks are required to have ramps or lift gates. Door is upstage right area of stage. Stage door is nearby via ramped walkway. FOH deliveries should use State Street entrance with prior arrangement with facility staff.

Loading Door 10' wide x 12' high. Stage below grade by 48". Stage equipped with 8'x 8' hydraulic scissor lift, 5,000 lbs capacity. Theater equipped with 2 truck ramps, and use should be discussed at advance.

### Orchestra Pit Lift / Platform

At the downstage portion of the stage, is a moveable elevator platform that has four levels of operation:

|          |                                                                    |
|----------|--------------------------------------------------------------------|
| Level 1- | Stage level– 46" above audience level.                             |
| Level 2- | Audience level– TYPICAL condition, allowing for use of Rows AA-DD. |
| Level 3- | Orchestra Pit level– 8'-0" below stage level.                      |
| Level 4- | Basement. Grand piano room, and other equipment storage areas.     |

The orchestra pit has two size configurations:

LARGE: Requires removal of rows AA-DD. -66 seats (Includes 12'x45' area under stage.)  
SMALL / Broadway: (Using filler platforms): Requires removal of rows AA-BB only.-24 seats.



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### Stage Floor

FLOOR IS A RESILIENT SPRUNG FLOOR: Specified by Sachs-Morgan consultants, NYC.

Floor composed of 1/4" resilient neoprene pads, with 2"x3" "Sleepers" laid on 16" centers over concrete foundation. Over that are two layers 5/8" plywood w/ staggered seams and w/ grain in alternating direction, and then top layer is a sheath of 1/4" Rocksura™ flooring by Harlequin.

**Proper lagging to be discussed during advance.**

### Downloads of Plans and Inventories

<http://www.granadasb.org/DownloadInformation.aspx>

### Audio / Acoustic

**Policy note:** The Granada Theatre has an internal SPL limit of 96 dB(A), slow response, with peaks of 101dB(A), as measured at the mixing console and calibrated to match at the balcony rail. These limits are fixed in the in-house system, monitored in real time at the mixing console and the balcony rail, and cannot be modified.

- FOH - Yamaha Rivage PM7 mixing console with 128x64 running at 96k over Dante 144 channel transport system
- Monitor - Yamaha DM7 mixing console 96x48 IO
- Ocean Way Audio AEROWAVE "90x90" PA speaker system  
Flown- 1 per side.
- AEROWAVE Dual 18" Sub-woofer cabinets, 2/side.  
On floor if required, or per advance.
- Ocean Way Audio front fill system available per advance.
- CD/DVD/QLAB playback for audio.
- Under balcony and high balcony fill speakers built in.
- Motorized Acoustical Drape variable decay system.

### Video

- Stewart RP Cinema screen – 36' wide x 20' high image area.
- Panasonic 20,000 lumen WUXGA laser DPL projector  
Two lenses available:  
Standard throw lens: 1.35-2.10:1  
Ultra Short zoom lens: .33-.354:1
- Christie 4230 Digital Cinema System w/ .9 lens, Blu-Ray and DCP cinema server (rear projection).
- QLAB playback for video.

### Other Systems:

- IR Assistive Listening System
- Hearing loop Assistive Listening System
- Lobby paging/program
- Backstage paging/program monitor
- Prod. communications, Clear-Com, 4-channels, wired only.



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### Lighting

|                           |                                                                            |
|---------------------------|----------------------------------------------------------------------------|
| Lighting System Control:  | GrandMa Lite (Silent version)                                              |
| Dimming:                  | VARI-LITE C21 dimming / DMX & sACN networking<br>454 @ 2.4 Kw, 13 @ 6.0 Kw |
| Houselights / Worklights: | Controlled via touchscreen FOH or Backstage, or by house's console.        |

The Granada has a Repertory light Plot with Front, Side, Back, specials and Drop/Cyc lighting. See Granada's download page for current plot detail.

**Please Note: Granada does not have ACL's or PARCAN's as the lamps for these are illegal in the state of California.**

### Electrical Power

|                                                           |
|-----------------------------------------------------------|
| 4 x 400A- 3Ph. w/ doubled neutrals                        |
| Located: 3 @ Dimmer Room SR @ + 30'.<br>1 @ Upstage Left. |
| 1 x 200A- 3 Ph. w/ Isolated Ground (Audio Power)          |
| Located: Downstage Right                                  |
| 2 x 200A- 3 Ph.                                           |
| Located: Upstage Right.<br>At Grid for Aux. Motor Power.  |

### Rigging

#### Counterweight System

- 58 Linesets on approx. 8" centers. Loft blocks NOT kickable.
- Locking rail Stage Left. All are 5 line sets.
- MAIN DRAPE on separate motorized lineset, controlled DSR.
- 1750 lb. nominal arbor capacity.
- 12" trussed battens 54' long. Extensions NOT possible.
- 3 pipes dedicated to reflective acoustical ceiling system.
- 5 x Electrics are semi non-dedicated pipes.

#### Chain Motor System

- 8 x 1-ton motors on 4 trolley beams over stage.  
(6'3" and 18'-9" L/R of C/L)
- 3 x 1-ton motors for use on 5 trolley beams over house.  
(C/L, 16' and 24' L/R)
- 3/side 1-ton motors run SL and SR side light ladder batten.  
(28'-6" from C/L)
- Pendant controls DSR, 30' fly floor, and grid.



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### Acoustical Reflective Shell

Wenger Corp. "DIVA" system

9- 12'x 28' Wall units.

3- Over stage ceiling units.(not demountable)

2- Downstage demountable ceiling units (eyebrow).

### House

#### Seating Capacity:

Nominal Cap. 1500

Orchestra 877

Balcony and Box Seats 661

Fixed 852

Loose 25

Fixed 615

Loose 46

Accessible Seats: Boxes A-D, L&R 2 (4 each)

Transfer Arm 16 Loge Box, L&R 14 (7 each)

Wheelchair space 16

Removable seats per configuration–

FULL Orch. Pit 66 Last two rows of Upper Balcony

SMALL Orch. Pit 24

Row V 30

Row W 34

Typical Seat Kills:

Left and Right of FOH audio mix – (auto-reduced from total)

Stage stairs to Audience – 6 / stair minimum.

### Dressing Rooms and Support Areas

The Granada has 10 dressing rooms on 2 floors:

1 "Diva" dressing room on the Stage level near stage right.

Dressing rooms on the basement level; 1 star, 5 principals, 2 choruses, and 1 conductor's, all easily accessible by stairs or elevator.

Each room is equipped with showers and restrooms, and paging speaker.

Room assignments are at Users discretion.

A crew supported wardrobe room available on the basement level.

Also located on the lower level; A Rehearsal Room, orchestra pit access, musician staging area, and carpentry/props room, and production office space. All with paging/program audio and Wifi throughout.

*Wifi User Names and Passwords shared at load in.*



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## Technical Staff Contacts

Granada Theater / Santa Barbara Center for the Performing Arts  
1214 State Street  
Santa Barbara, CA 93101

### Production / Technical Advance:

Dir. of Stage Prod./Operations: [sboshers@granadasb.org](mailto:sboshers@granadasb.org)  
Production Manager: [dherrera@granadasb.org](mailto:dherrera@granadasb.org)  
Technical Coordinator: [stagecoordinator@granadasb.org](mailto:stagecoordinator@granadasb.org)

### FOH advance:

Front of House Manager: [bchilders@granadasb.org](mailto:bchilders@granadasb.org)  
Reception layout and planning: [lyracheta@granadasb.org](mailto:lyracheta@granadasb.org)

### Facility and delivery coordination

Facility Manager: [bbadillo@granadasb.org](mailto:bbadillo@granadasb.org)

### House Stage crew:

[stagecoordinator@granadasb.org](mailto:stagecoordinator@granadasb.org)  
[audio@granadasb.org](mailto:audio@granadasb.org)  
[electrics@granadasb.org](mailto:electrics@granadasb.org)  
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