

Ent Center for the Arts  
Shockley Zalabak Theatre  
Tech Packet  
Rev 4/26/2018

This document provides comprehensive technical information about the Ent Center for the Arts and the associated facilities. Any critical dimensions or inventory items must be checked on site, with the Production Manager, or with the appropriate technical personnel.

Any inquiries arising from or not answered by the information contained herein should be addressed to one of the following:

**Ent Center for the Arts Production Department**

5225 N. Nevada Ave.  
Colorado Springs, CO 80910  
719-255-3134

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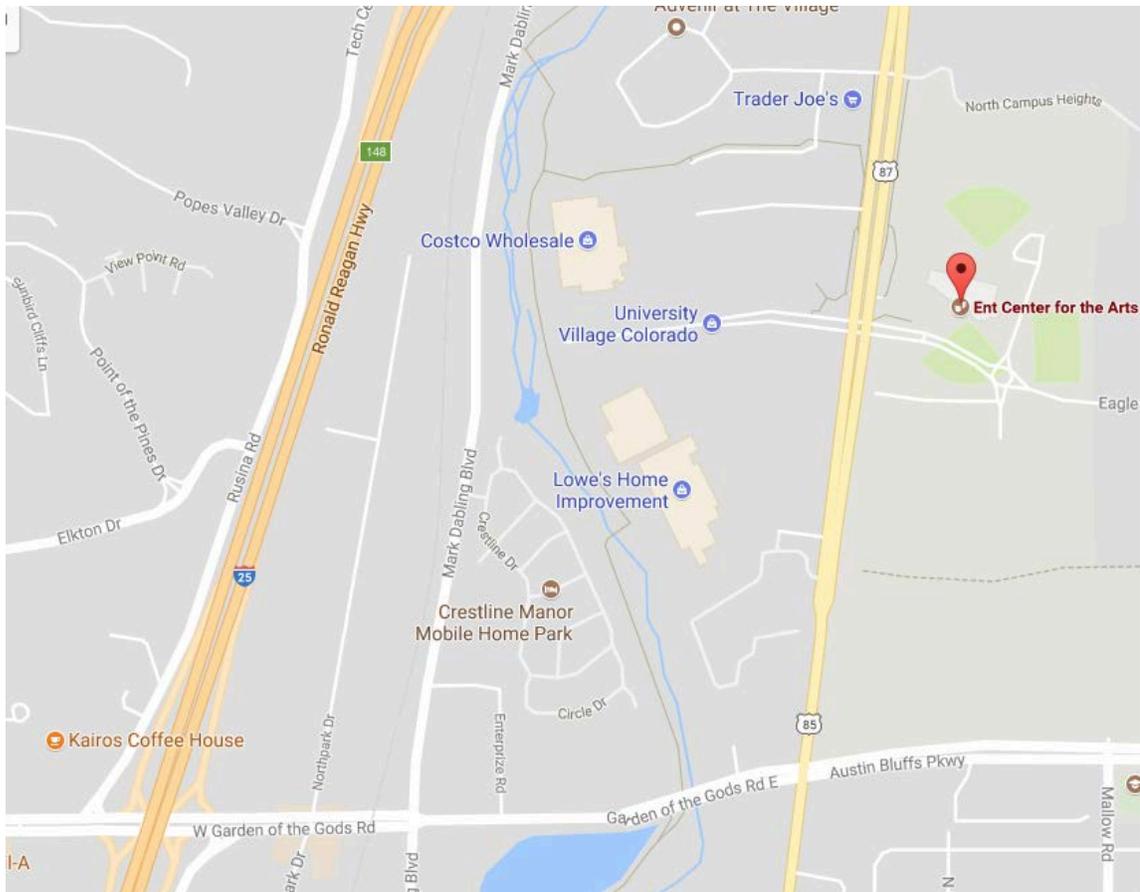
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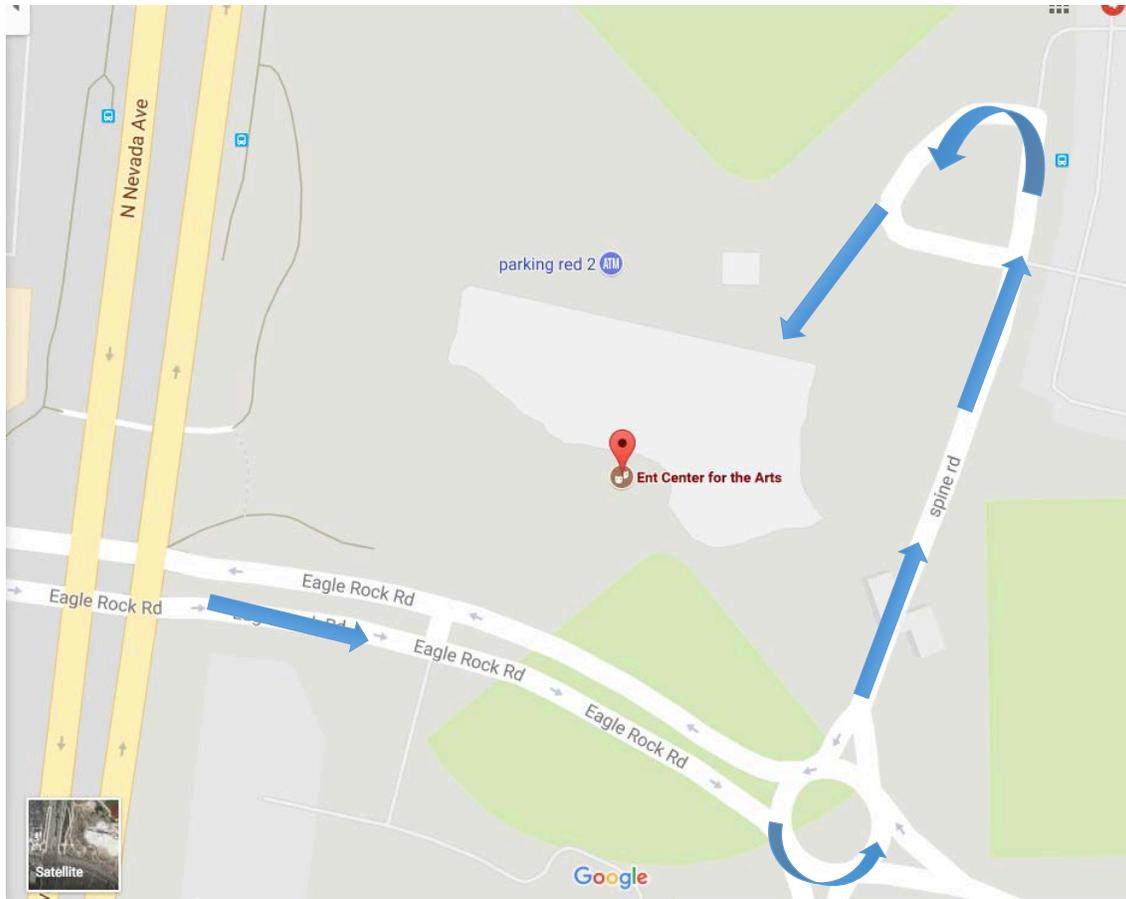
Ken Stark  
Theatreworks Technical Director  
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Colorado Springs, Colorado Population: 465,101  
Elevation: 6,213 ft  
Denver: 70 miles (113km), Driving  
Time Zone: Mountain Standard Time (MST) ( -6 to GMT)

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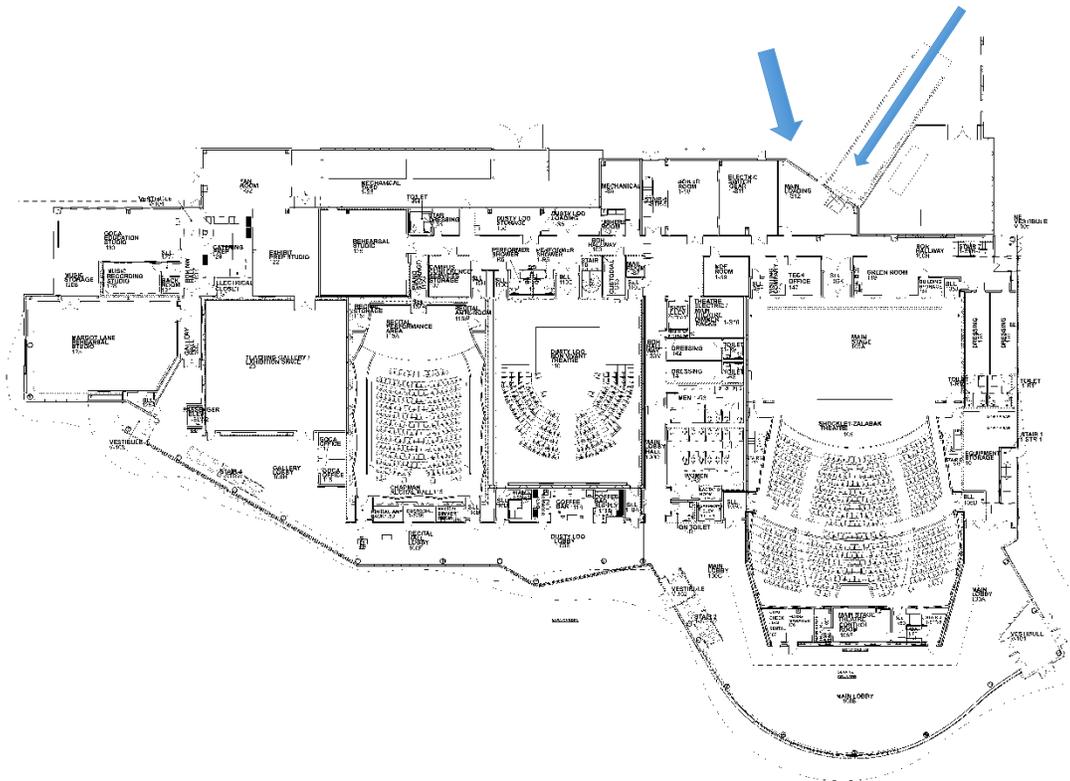
## Loading Dock:



Loading Dock is located at back side of building

Dock Ramp

Stage Door



**Ent Center Venue Descriptions:**

**The Shockley-Zalabak Main Stage Theater** is a 778 seat proscenium house which will serve a mix of in house produced events, as well as tours, rentals, and local community organizations. The largest venue in the Ent Center for the Arts, this proscenium stage theater is equipped with a hydraulic apron and seats up to 778 patrons (with the apron in the lowered position). With the apron raised the seating capacity is 742. Like all venues in the building, the Shockley-Zalabak is equipped with sustainable and flexible LED lighting technology. It is also outfitted with an automated fly system for scenery and lighting.

**The Chapman Foundations Recital Hall** is an intimate recital hall that seats up to 242 patrons. To ensure an exceptional auditory experience, the venue is acoustically isolated from the rest of the facility, with its own HVAC and electrical systems, and is designed to be one of the highest quality acoustic spaces in the region. The dynamic acoustics in the hall can be adjusted as needed.

**The Dusty Loo Bon Vivant Theater\*** is the home of THEATREWORKS. This venue is a black box theater with a partially trapped floor, designed to facilitate flexible performance configurations. The theater seats up to 300 patrons and is equipped with a rolling gantry to allow lighting and sets to be positioned without the use of ladders or fork lifts.

**The Marie Walsh Sharpe Gallery of Contemporary Art\*** is designed as a completely flexible and transformable museum-quality exhibition space, this 2,600 square foot white cube gallery is equipped with state-of-the-art humidity control and security. The gallery’s retroplate flooring system, fully plywood-backed walls, grid of strong points at the ceiling and dedicated loading dock can accommodate art installations in nearly any configuration.

**The VAPA Interdisciplinary Arts Lab\*** is a multiuse, collaborative space for the interdisciplinary curriculum of the Department of Visual and Performing Arts programs (Art History, Film Studies, Music, Theatre & Dance, Visual Arts) and equipped with an array of technology and resources including multi-media technology, installation and sculpture capabilities, sound, green screen for film and more.

*\* Note, these spaces have very limited availability for rental. Please inquire with the Production Manager.*

**The Osborne Theatre** is the main performance venue for full-scale collaborative Theatre productions. A flexible black box theatre with a professional control booth, the Osborne can be rearranged in multiple configurations and seat up to 120 people.

**The Dance and Movement Studio** is a rehearsal and performance space for collaborative projects with a dance focus. With ballet barres, state of the art sprung Marley floors, and unobstructed views of the Front Range, the studio is a jewel box venue dedicated to student work.

**The large music rehearsal hall** is a 2,000 square foot rehearsal room for many ensembles, recording, film scoring and other and collaborative uses.

**The recording studio & audio laboratory** is a state of the art facility and wired directly into the Rehearsal Hall, the Chapman Foundations Recital Hall, the Osborne Theatre and the Main Stage Concert Hall. This facility serves a broad array of functions within the VAPA Department including Audio Recording Engineering, Sound Design, Film Scoring and Multimedia Production.

### Accessible Facilities

Each space has accessible seating as well as partner seating available.  
Shockley-Zalabak - 8 wheelchair-accessible spaces and 8 easy-access seats with swiveling armrests.  
Accessible toilets are located in the Lobby  
A wireless assisted listening and audio description system

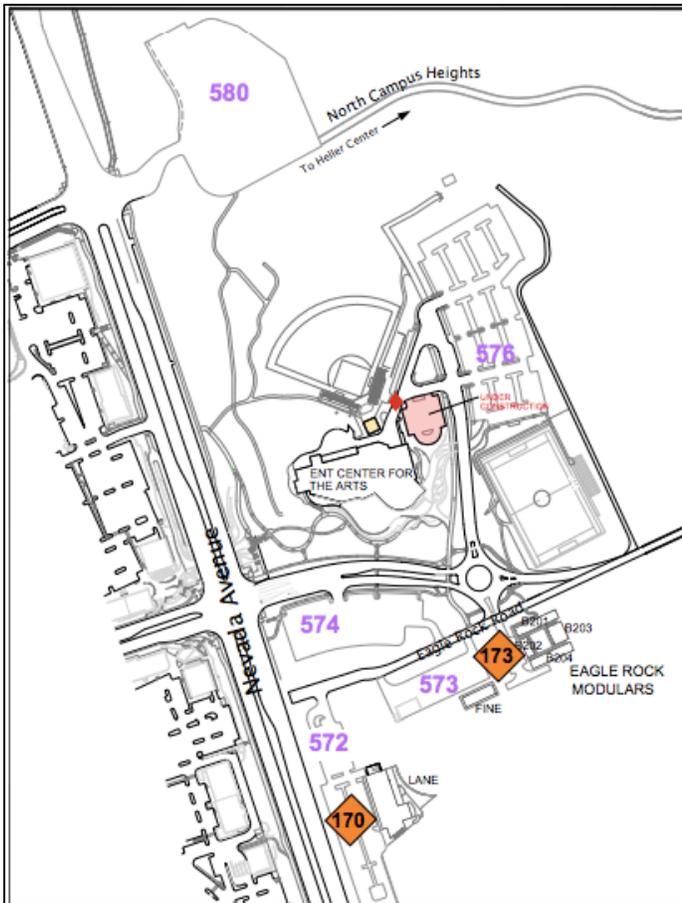
### Emergency Numbers

ALL EMERGENCIES (Fire, Police, Ambulance & Coastguard) - dial 911  
\*\*\*Remember to dial 9 for an outside line if within the Theatre. \*\*\*

Fire: Colorado Springs Fire Department - 719-385-5950  
Police: University Police- 719-255-3111 OR police@uccs.edu  
Colorado Springs Police Department - 719-444-7000 (Non-Emergency) or 911 (Emergency)  
Hospital, Accident & Emergency: Call UCCS Public Safety ext. 3111 or 719-255-3111

### Parking

The parking lot adjacent to the Ent Center for the Arts, lot 576 & 574, are free. Additional free parking is available in Lot 580, directly north of the Ent Center (off North Campus Heights). It is a 10 minute walk from Lot 580.  
Additional overflow parking may be available at University Center Village Shopping Center, which is directly west across Nevada Ave from the Ent center, and has a direct access pedestrian tunnel.



### Loading

Loading Docks are located on the north side of the building

The facility has a single-truck, Main loading dock area at dock level with a secondary loading door at street level midway down the back side of the building. Vehicles delivering to the theatre can be parked next to the dock doors. Only one (1) 53ft (~16m) semi truck can be parked here. If you arrive before the theatre staff you can ring University Security to gain access on (719)255-3288. Vehicles can only stay in this area while loading, or if permission is granted.

- Main loading dock has Electric garage door which is 8'0" wide X 12'0" high in size.
- Secondary loading dock has double doors with an opening 8'0" wide X 12'0" high in size

- The Loading Doors to the Shockley-Zalabak theatre are 10' wide x 12' tall
- Approx 40' push to the Sockley-Zalabak Theater stage from main loading dock
- Approx 135' push to the Shockley-Zalabak Theatre stage from the secondary loading dock

### **Shore Power**

Hubbell CS6364C 50A twist lock female for Tour Bus or Truck needs at Main Loading Dock  
100A 3 phase 100A company switch is available inside the dock with an exterior cable pass through  
2 – 20A standard A/C Receptacles on the outside of the building

### **Production Office**

(1) Visiting Company Production Office - Assigned / Can Be Reserved  
(Can double as aux. dressing room)

### **Internet Accessibility**

WIFI available throughout building, via "UCCS-Guest" network.

### **Showers**

The facility has two (2) individual showers, which are ADA-compliant and located in the Dusty Loo backstage area.

### **Rehearsal Hall (Crow's Nest)**

Located on the First Floor at the end of the hall near the Recital Hall is the Rehearsal Space (Crow's Nest) which measures 32'-4" deep and 31'-6" wide with a height of 15'-0". It has a concrete floor with an elevated sprung floor. The Rehearsal Hall has a 3 phase, 200A Company Switch for auxiliary power needs. There are mirrors that cover the wall on the US side of the space. \*This space must be rented\*

### **Wardrobe/ Laundry**

All Laundry, along with Wardrobe is located in the Costume Shop, which is on the second floor

2 top load washers

2 front load dryers

Steamers, Irons/Ironing Boards, and Rolling Costume racks limited availability and upon request

### **Green Room/Kitchen Area**

There is a shared Green Room/ Kitchen Area located near the Shockley-Zalabak backstage area, adjacent to the main Loading Dock. Performers and technicians for all spaces are encouraged to socialize in this space. The Green Room/Kitchen Area houses a full-size refrigerator, microwave, stove/oven, and coffee maker. This space is equipped with audio and video feed for each space that can be switched according to what programming is needed at that moment.

### **Ladders and Lifts**

1 Driveable Genie Lift, 30' (Located in the Shockley-Zalabak)

Multiple ladders of various types and heights

1 Palate Jack can be made available with sufficient notice.

### **Chairs/ Music Stands/ Tables/etc.**

80 Wenger "Symphony" Orchestra Chairs on Chair Carts (15 Carts)

8 Cello Chairs

80 Manhasset Black music stands on Carts (6 Carts)

80 Music stand lights

1 Wenger Conductor stand with basket storage

2 Podiums

20 Sound Shields

6 - 2' x 8' folding tables

### **Pianos**

1 Steinway Concert D w/ piano bench (Piano Fee May Apply)

Other pianos available for rent as needed.

### **Ballet Barres**

4 Portable Ballet Barres (8' Long)

**Concert/Acoustic Shell**

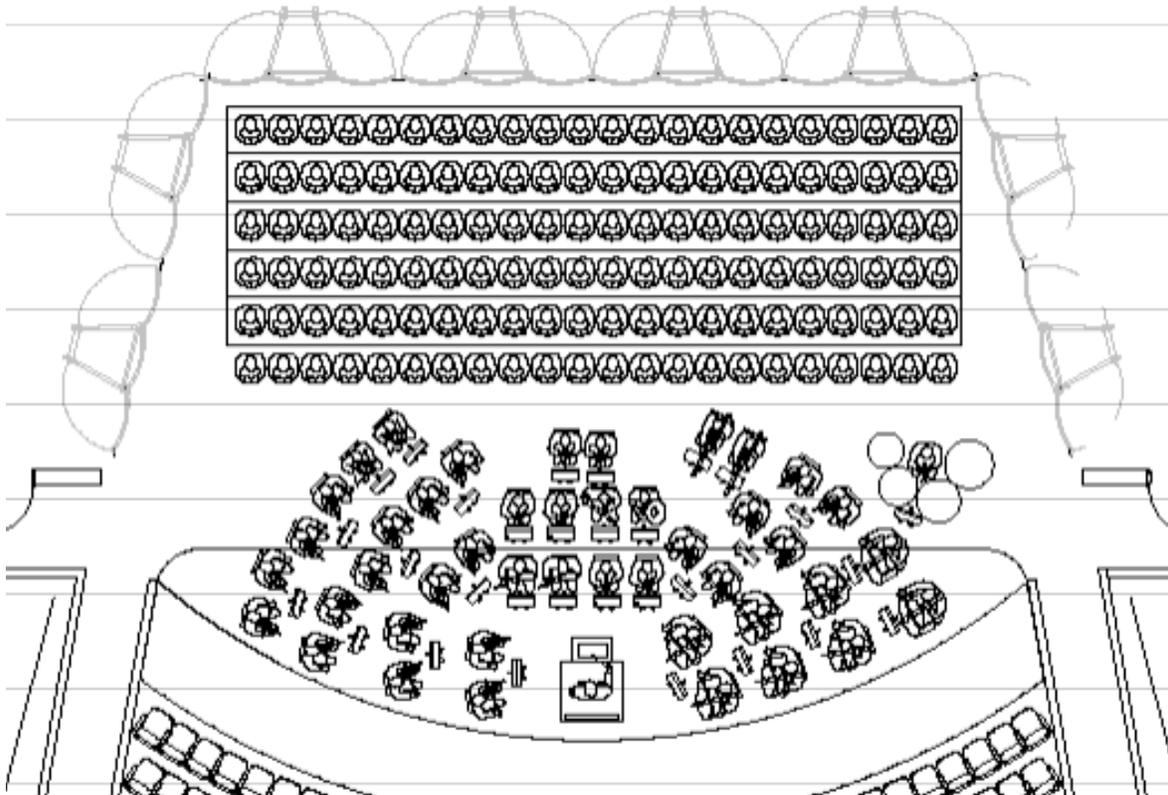
Wenger “Diva” Acoustic Shell with 8 wall towers and 2 flown ceiling clouds. (Labor or other fees may apply).  
May be configured for chamber groups or full orchestra.

**Choral/ Seating Risers**

Stage Right-5-Level Z-HD Seated Choral Risers (Labor or other Fees may apply)

- 30 - 3’x8’ Decks, Reversible with Black PolyTrac/Gray Carpet Surfaces, Black Edge
- Creates 5 elevated rows, each with an 8” rise. Each level is 3’-0” deep and 48’-0” wide
- Chair rails and handrails are included.
- 80 Wenger 23” Black Chairs.

Choral Configuration:



## **Portable Audio Equipment - (Site-wide Shared inventory)**

- Wired Microphones
  - o 2 AKG C414 X LII ST
  - o 3 Beyer M88-TG
  - o 4 Beyer M160
  - o 2 EV RE 20
  - o 4 Neumann KMS 105
  - o 2 Neumann SKM 184mt Stereo Pair (Matched) (4 total)
  - o 2 Neumann TLM 103mt Stereo Pair (Matched) (4 total)
  - o 2 Shure SM81
  - o 12 Shure SM57
  - o 12 Shure Beta58
  - o 6 Shure KSM32
  - o 2 Shure KSM 137
  - o 1 Shure Beta52
  - o 6 Sennheiser E604
  - o 8 Sennheiser MD421
  - o 8 Radial J48
  - o 2 Earthworks SR40
  - o 4 Shure Centaverse Overhead Cardioid Condenser (“choir”)
  - o 4 Audio Technica Pro 44 Cardioid Boundary (floor)
- Wireless Microphones/Elements
  - o 4 ULXD2/Beta58
  - o 8 Countryman E6
  - o 2 Shure 185 lavalier
- Loudspeakers
  - o 6 EAW MW10 Monitor Speakers
  - o 4 EAW JF8 FX Speakers
- DI's / Interfaces
  - o 8 Radial J48 Active DI Boxes
  - o 2 Whirlwind PCDI DI Boxes
- Microphone Stands
  - o 15 K&M 11” Mic Stand
  - o 15 K&M 21” Booms
  - o 20 K&M 17”-25” Mic Stand
  - o 20 K&M 35”-63” Mic Stand
- Snake
  - o 3 Whirlwind 12 Channel/0 Return Sub-Snake
- Portable PA System
  - o 1 Behringer X32 Compact Digital Mixer
  - o 1 Behringer SD8 Channel Digital Stage Box
  - o 6 Electro-Voice ZLX 15P Powered Speakers
  - o 6 Speaker Stands

Archival Recordings: In-the-room recordings are possible in the Chapman Foundations Recital Hall and the Shockley-Zalabak theatre using already flown microphones. Please provide your own SD Card. A list of compatible SD cards can be found here:

[http://tascam.com/content/downloads/products/712/ss-cdr200\\_r200\\_r100\\_tested%20media\\_list\\_20160914.pdf](http://tascam.com/content/downloads/products/712/ss-cdr200_r200_r100_tested%20media_list_20160914.pdf)

## Shockley-Zalabak Theater

### General Information

#### Seating

- 792 seat house with added free-standing chairs with apron at house floor level
- 742 Seat house w/ Balcony (Fixed Seating with hydraulic apron at stage level)
- 8 wheelchair-accessible spaces
- 8 easy-access seats with swiveling armrests

#### Stage Dimensions

- Proscenium Opening (Shell Configuration) 54'-0" W x 25'-8" H
- Proscenium Opening (Theater Configuration) 54'-0" W X 19'-0" H
- Stage Depth: Plaster to back Wall 38'-0"
- Plaster to Apron = 6'-0"
- Apron depth 11'-6"
- Stage Width SL-SR = 80'-0"
- System Pipe Width = 62'-0"
- Height from Stage to Grid = 46'-0"
- Hydraulic lift apron can play at stage level (0'-0") or audience level (-3'-0") to become Orchestra

#### Pit

- Access to load in through Elephant Doors USC. (8'-0" W x 12'-0" H)

#### Stage Floor

- Sprung w/ White Oak Finish
- \*\* NOTE: All scenic elements must be free standing. \*\*
- \*\*Absolutely nothing can be screwed, lagged, or tacked to Stage Deck. \*\*
- \*\*Stage floor may not be painted\*\*

#### Marley

- Harlequin Rev 201 Reversible Black/White Marley (Labor and Usage fee may apply)
- Harlequin Cascade Black Marley (Labor and Usage Fee may apply)

Fly System – NOTE the Shockley-Zalabak theatre has a  $\frac{3}{4}$  Fly House – please consult with the production manager regarding any specific flying needs. Flying humans from the Fly System is NEVER permitted.

- 3/4 height Fly House
- Full Lineset Travel Distance: 2'4" – 43'6"
- JR Clancy Show Control Console
- Jr Clancy Powerlift 1220 Rigging System
- 19 Linesets.
- Orchestra Shell Ceiling lives on Linesets 4,10, and
- Flexible Electrics (No dedicated electrics or raceways)

#### Road Case Storage

- Limited space available - Case storage on Truck is recommended

**Line Schedule**

Line #	Description	Equipment	Capacity	Speed	Plaster Distance
1	Main Rag	Power Lift 1220	2000lbs	90fpm	0'-6"
2	Border & Legs 1	Power Lift 1220	2000lbs	45fpm	2'-6"
3	1 <sup>st</sup> Electric	Power Lift 1220	2000lbs	45fpm	4'-6"
4	Orchestra Shell Ceiling *	Power Lift 1220	4000lbs	25fpm	6'-6"
5	Border & Legs 2	Power Lift 1220	2000lbs	45fpm	8'-6"
6	2 <sup>nd</sup> Electric	Power Lift 1220	2000lbs	45fpm	10'-6"
7	Projection Screen*	Power Lift 1220	2000lbs	45fpm	12'-6"
8	Border & Legs 3	Power Lift 1220	2000lbs	45fpm	14'-6"
9	3 <sup>rd</sup> Electric	Power Lift 1220	2000lbs	45fpm	16'-6"
10	Orchestra Shell Ceiling*	Power Lift 1220	4000lbs	25fpm	18'-6"
11	4 <sup>th</sup> Electric	Power Lift 1220	2000lbs	45fpm	20'-6"
12	Border	Power Lift 1220	2000lbs	45fpm	22'-6"
13	Black Traveler	Power Lift 1220	2000lbs	45fpm	24'-6"
14	Black Scrim	Power Lift 1220	2000lbs	45fpm	26'-6"
15	5 <sup>th</sup> Electric (Cyc)	Power Lift 1220	2000lbs	45fpm	28'-6"
16	Legs	Power Lift 1220	2000lbs	45fpm	30'-6"
17	White Cyc	Power Lift 1220	2000lbs	45fpm	32'-6"
18	General Purpose	Power Lift 1220	2000lbs	45fpm	34'-6"
19	General Purpose	Power Lift 1220	2000lbs	45fpm	36'-6"

\* Indicates non-moveable

## Lighting System

### General Information

All Fixtures Stage Pin

### Power

(3) Sensor 3 - 48 Module Dimmer Racks – 288, 2400w Circuits

Each rack has 48 Dual 20A configurable ThruPower Modules for dimmable or constant true A/C power to any circuit

3 Company Switches available for additional power tie-in

1 – 400A 3-phase for Theatrical Lighting (Stage Right)

1 – 100A 3-phase for AV (Stage Left)

1 – 100A 3-phase for Theatrical Rigging (Stage Right)

### Lighting Console

ETC ION 6000 with 6144 Outputs/Parameters to Include:

10000 Control Channels, 10,000 Cues

Black Universal 2x10 Fader Wing:

20 - Faders with 2 buttons each

(2) 23" LCD Touch Screen Monitors

CyberPower Stand Alone UPS 1200VA W/AVR

Western Digital 500 GB External Hard Drive

Net3 Radio Focus Remote

18" Littlite LED Gooseneck Work Light with 3-pin,

### Lighting Inventory

2 - 5° Source Four 750W

2 - 10° Source Four 750W

10 - 14° Source Four 750W

10 - 19° Source Four 750W

30 - 26° Source Four 750W

28 - 36° Source Four 750W

6 - 50° Source Four 750W

6 - 15°-30° Source Four Zoom 750W

20 - Source Four PAR-EA w/ set of 4 lenses 750W

8 - ETC Colorsource Ellipsoidals with 36deg lenses

12 - 200w RGBA LED Altman Spectra Cyc (SSCYC200) in Black Housing

12 – High End Systems 700W LED SolaSpot 1000 Profile fixtures

12 – Chauvet Professional Rogue R2 LED Wash Fixtures

10 – 10' booms on floor bases for side light

12 - Chauvet Wellfit wireless/battery LED fixtures in recharging base-station cases

1 - HazeBase Base Hazer

1 – Altman Ghost Light

### Followspots

2) Lycian 1267 - SuperArc 400 Long Throw

## Audio System

### General Information

FOH Variable Acoustics  
Dante Digital Audio Network System  
Black Magic Video OS

### Show Control

Mac Book Pro w/ QLab 4 (Shared with Video)  
Tascam SS-CDR200 CD Recorder

### Audio Console

Yamaha CL5 Digital Console

### FOH Sound Reinforcement

#### Left Main Speakers:

8 - D&B Yi8  
2 - D&B 30D Amplifier

#### Right Main Speakers:

8 - D&B Yi8  
2 - D&B 30D Amplifier

#### Center Main Speakers:

4 - D&B Yi8  
1 - D&B 30D Amplifier

#### Subwoofer Speakers:

4 - D&B Yi-SUB  
1 - D&B D80

#### Front Fill Speakers (Stage):

5 - D&B 5S  
1 - D&B 10D Amplifier

#### Front Fill Speakers (Stage Apron Lift):

7 - D&B 5S  
1 - D&B 10D Amplifier

#### Onstage Page Speaker:

1 - Renkus CF81  
1 - Crown CDI 1000

### Stage Monitor/FX Amplifiers:

4 - Crown CDI 2000

\*\*\*\* For shared equipment, please refer to Portable Audio Equipment \*\*\*\*

Wireless Receivers

- 12 channels of Shure ULXD Wireless
  - 4-channels installed in SZT
  - 8-channels portable (Shared Inventory)

Wireless Transmitters

- 2 - Shure ULXD1 Body Pack Transmitter
- 2 - Shure ULXD2/B58 Handheld Transmitter
- Mix of lav and countrymen Wireless elements (Shared Inventory)

**\*\*\*\* For shared equipment, please refer to Portable Audio Equipment \*\*\*\***

Clear-Com

- Clear Com RM-704 4 Channel ICOM Remote Station
- 10 Clear Com Belt packs and Headsets

Com Port Locations:

- Downstage Right
- Downstage Left
- Upstage Right
- Upstage Center
- Upstage Left
- Grid Stage Right
- Grid Stage Left
- Truck Dock
- Booth Mix Position
- House Mix Position
- Tech Table Mid House
- Gallery House Right
- Gallery House Left
- Control Booth
- Visiting Company Office (Backstage)
- Dimmer Room
- Tech/ME/AV Director (Backstage)
- Catwalk 2
- Catwalk 3
- Rear Catwalk House Left
- Rear Catwalk House Right
- Followspot House Left
- Followspot House Right
- Stage Manager / Control Booth
- Stage Manager / Onstage

### Assisted Listening System

40 - Listen LA-401 Listener Assist Units

### Projections

Fixed balcony position FOH Projector & Projection Screen  
Projection Screen Dimensions (Viewable): 328" (W) x 204" (H)  
Projector: DPI TITAN QUAD 2000 WUXGA  
Lens: range of 2.56 - 4.16 to 1  
Camera: Vaddio Wallview HD-20 Pan/Tilt/Zoom Camera  
Vaddio Universal CCU Camera Control Unit  
OPPO BDP-103 Blu-Ray Player  
Macbook Pro with Qlab 4 (Shared with Audio)

### Dressing Rooms

(Total of 5 dressing rooms in the facility divided amongst 3 performance spaces)

#### ***Shockley-Zalabak has two (2) dressing rooms***

- Each dressing room can accommodate up to 19 performers
- Private bathroom for each Dressing Room with two stalls each

These two dressing rooms are equipped with  
Makeup Mirrors and Lights for each space  
Costume racks

### Soft Goods

- 1 - Main Drape (Cherry) 46'-3" H x 62'-0" W (Can be used as Venetian or Tab)
- 2 - Torm Masking (Black) 32'-6" H x 6'-0" W
- 5 - Border (Black) 8'-0" H x 62'-0" W
- 10 - Legs (Black) 28'-6" H x 8'-0" W
- 2 - Blackout Traveler Panels (Black) 28'-6" H x 31'-0" W
- 1 - Cyc- Filled Leno (White) 29'-6" H x 62'-0" W
- 5 - Heatstop Borders (Black) 8'-0" H x 62'-0" W
- 6 - Tabs (Black) 25'-9" H x 6'-0" W
- 1 - Sharkstooth Scrim (Black) 29'-6" H x 62'-0" W