

## Campbell Heritage Theatre

### Technical Information

Stephen Milligan  
Production Manager  
408.981.6785  
[heritage\\_production@yahoo.com](mailto:heritage_production@yahoo.com)  
[www.heritagetheatre.org](http://www.heritagetheatre.org)

1 W. Campbell Avenue  
Campbell, CA 95008  
Box Office telephone: 408.866.2700  
Box Office fax: 408.866.2730  
Backstage telephone: 408.871.5126

Loading Dock Driveway on the West side of the building: 16'w x 138' long (see site map below)

Number of seats in the House

- Option 1: Seating installed over the orchestra pit: 802
  - Orchestra level: 596, includes 11 wheelchair positions
  - Balcony level: 206, includes 6 wheelchair positions
  
- Option 2: Orchestra Pit or Thrust Stage in use: 782
  - Orchestra level: 576, includes 11 wheelchair positions
  - Balcony level: 206, includes 6 wheelchair positions

Size of stage: 60' wide x 25' deep (includes wing space)

Thrust: 6' of depth added

Proscenium: 31' wide x 18' high

Distance from stage to sound booth: 74'

Dressing Rooms: 3 separate rooms backstage. All have a restroom, ADA has a shower

Dressing Room A & B: 13.2' x 15.8'

Dressing Room C (ADA Compliant shower): 9.5' x 15.8'

Green Room: 22.5' x 15.8'. Chest freezer, catering refrigerator, microwave

Grid Height: 63'

Fly Line Sets: 24 total, 8 open positions

- Available live load capacity of sets: 925 lbs
- Allowable max load of sets: 1050 lbs

Drapes: 1 main drape, 8 legs, 1 midstage black traveler, 1 cyclorama

Grand Drape: Draw

- Allowable max load of rope rigging sets: 500 lbs

Orchestra Pit: 11.5' x 39'

Loading Dock Roll-Up Door

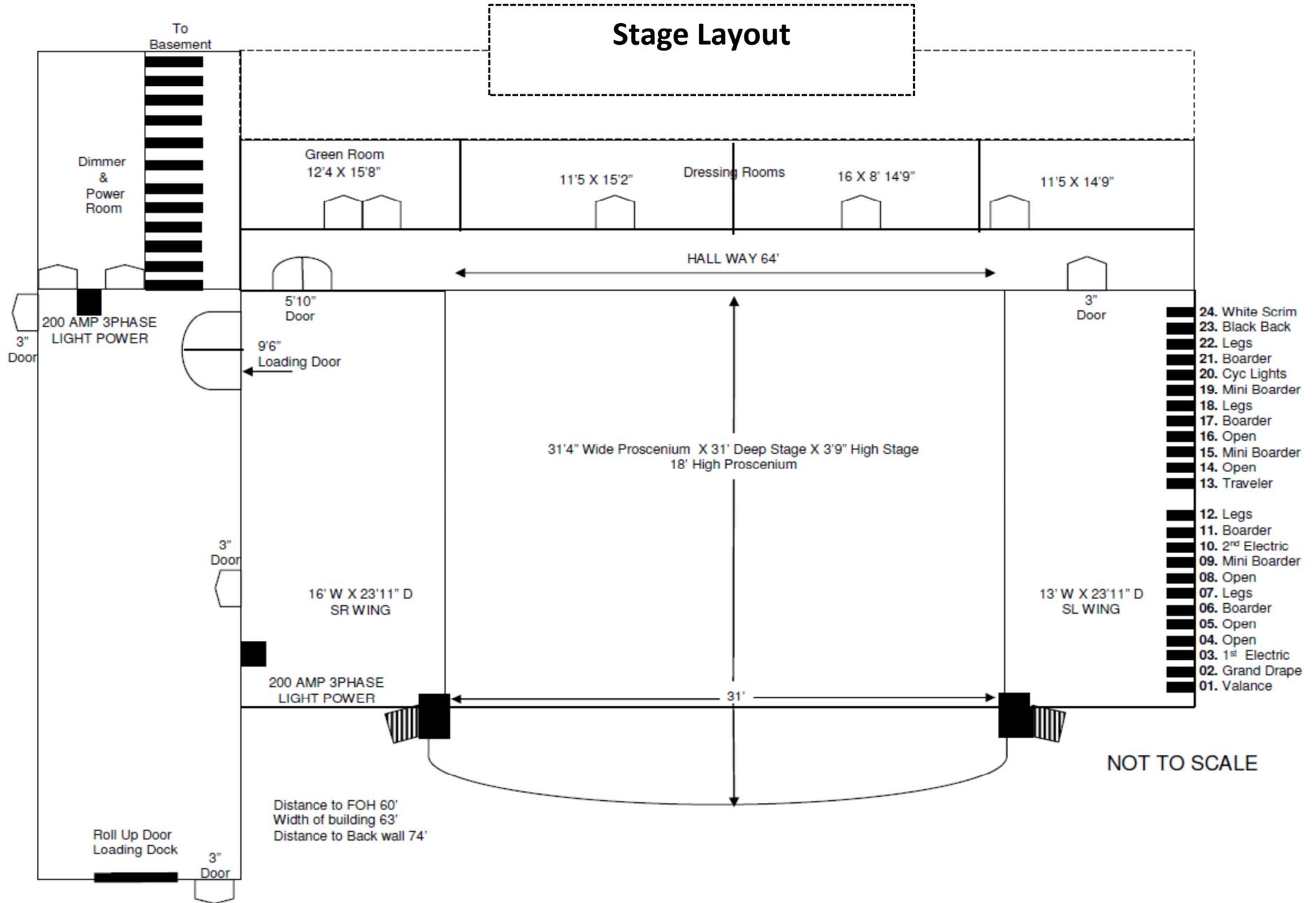
Stage Right Loading Door

Parking: 740 free parking spaces onsite with entries from Campbell Avenue, Latimer Avenue and Winchester Boulevard. Additional 300-car free parking garage within 2 blocks walking distance (access from Second and Third Streets between Campbell Avenue and Civic Center Drive). Bus/Semi parking in loading dock driveway (see site map below)

WiFi and hardwire internet connection: Comcast Business Line: 150 down, 25 up

# Campbell Heritage Theatre

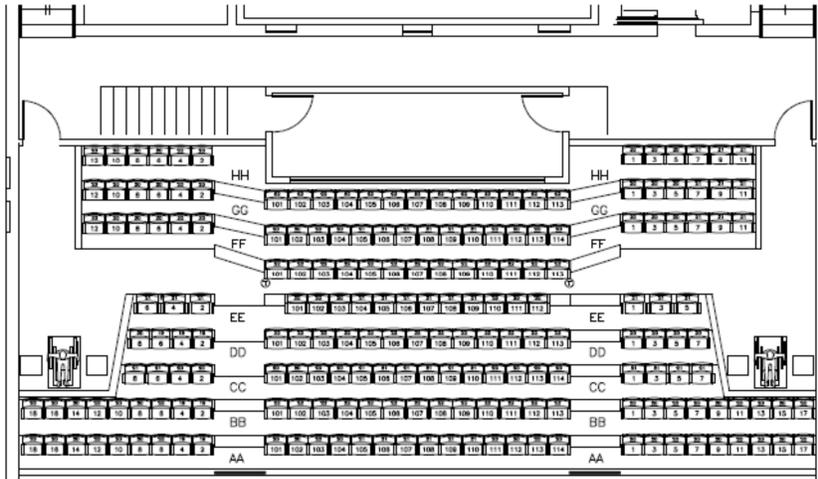
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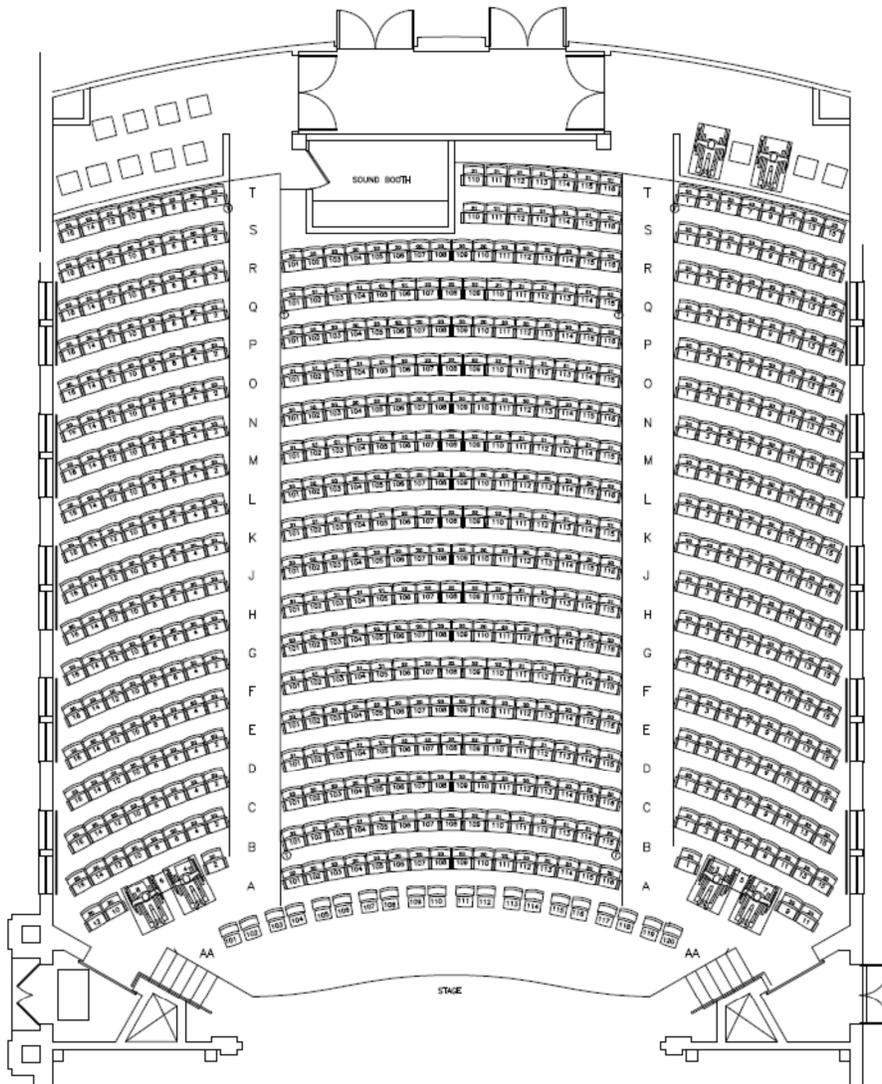
# Campbell Heritage Theatre

## Technical Information

### BALCONY SEATING



### ORCHESTRA SEATING



## **Campbell Heritage Theatre**

### **Technical Information**

#### **Lighting Information:**

2 Lycian Super Arc 400 Medium-throw follow spots  
19 degree Ellipsoidal reflector spotlight- 30 fixtures  
26 degree Ellipsoidal reflector spotlight- 25 fixtures  
36 degree Ellipsoidal reflector spotlight- 8 fixtures  
50 degree Ellipsoidal reflector spotlight- 4 fixtures  
8' Fresnel spotlight- 8 fixtures  
18 source four pars with color frame slots  
6 cell cyclorama striplight – 7 fixtures

#### Moving Lights:

4 Elation Platinum Sevens  
4 Elation Platinum Spot III's  
8 Blizzard Torrent 90 Beams

#### Lighting Console:

##### Light Boards

- Hedgehog 4 controller
- ETC Express

15" color SVGA monitor

Operation via DMC-512 and Ethernet Control Signal- 3 DMX512 outputs for control of 1536 minimum dimmers or device attributes

Remote locations for video, focus remote and console peripherals interconnected via Ethernet protocol  
Operating system and Ethernet network configuration software

DM50 Hazer

#### **Projection Information:**

Epson Pro L1505UHNL 3LCD Laser Projector with 4K (front projector only- permanently installed on balcony light rail- 70' from stage lip). Connections available from sound booth or stage

- 12,000 Lumens
- WUXGA Resolution (1920x1200)
- Connectivity: 3G-SDI, HDBaseT, HDMI, DVI-D, VGA, 5-BNC and Stereo Mini
- Aspect Ratio: 16:10, 16:9, 4:3
- Epson ELP LM11 Medium Zoom Lens
- Denon DN-500BD Professional BluRay Disc Player

11.5' x 14' fast-fold screen- any empty battens can be used for the screen



# Pro L1505UHNL WUXGA 3LCD Laser Projector With 4K Enhancement Without Lens

Projectors

Large Venue



Product shown with lens. Lens sold separately.

## Premium large-venue laser projector with 4K Enhancement<sup>1</sup>.

**Bright, vivid color** — 12,000 lumens color/white brightness<sup>2</sup>

**Exceptional Full HD widescreen display** — native WUXGA (1920 x 1200) with 4K Enhancement<sup>1</sup> for presentations, videos, digital signage and more

**Solid-state laser light source** — designed with inorganic components for up to 20,000 hours of virtually maintenance-free operation<sup>3</sup>

**Dynamic projection capabilities** — advanced built-in Edge Blending, image warping and curved-surface correction technologies for a variety of applications

**Advanced connectivity** — 3G-SDI, HDBaseT™, HDMI®, DVI-D, VGA, 5-BNC and Stereo Mini

**Nine optional interchangeable lenses (sold separately)** — with powered lens shift and lens memory

**Installation flexibility** — 360-degree projection and Portrait Mode for added versatility

**Remote management and control tools** — included software allows for web-based monitoring and control of Epson® networked projectors

**Image correction camera** — automatically adjusts color and brightness to match other projectors in multiple-screen applications

**Brightness lock feature** — allows users to securely set maximum brightness level



Technical Information



Pro L1505UHNL WUXGA 3LCD Laser Projector  
With 4K Enhancement Without Lens

Specifications

**Projection System** High-aperture Epson 3LCD, 3-chip technology

**Projection Method** Front/rear/ceiling mount

**Driving Method** Poly-silicon TFT Active Matrix

**Pixel Number** 2,304,000 dots (1920 x 1200) x 3

**Native Resolution** 1920 x 1200 (WUXGA)

**Resize** 1280 x 1024, 1400 x 1050

**Aspect Ratio** 16:10, 16:9, 4:3

**Pixel Arrangement** Cross stripe

**Color Brightness<sup>2</sup>** Color Light Output: 12,000 lumens

**White Brightness<sup>2</sup>** White Light Output: 12,000 lumens

**Contrast Ratio** 2,500,000:1

**Brightness Uniformity (Typical)** 90%

**Color Reproduction** Up to 1 billion colors

**Size (Projected Distance)** 60" – 500"

**Lens Shift Vertical:** ±60 percent; horizontal: ±18 percent

**Keystone Correction Vertical:** ±45 degrees; horizontal: ±30 degrees

**Illumination Technology** Laser Diode

**Light Source Life<sup>3</sup>**

20,000 hours (Normal) 30,000 hours (Extended)

**Projection Lens (Standard, Not Included)**

See website for information on optional lenses.

**Type** Powered shift/focus/zoom

**F-number** 1.8 – 2.35

**Focal Length** 36.0 – 57.35 mm

**Zoom Ratio** Optical zoom 1 – 1.61

**Throw Ratio Range** 1.57 – 2.56

**Other Features**

**Operating Temperature** 32° to 113° F (0° to 45° C)

**Power Supply Voltage** 100 – 240 V ±10%, 50/60 Hz AC

**Power Consumption**

955 W (Normal Mode)

597 W (Extended Mode)

2.0 W Standby (Communication on)

0.3 W Standby (Communication off)

**Fan Noise** 39 dB (Normal Mode); max. 30 dB (Quiet Mode)

**Security** Security cable hole, lens lock, Kensington lock provision

Interfaces

3G-SDI x 1

DVI-D x 1

HDMI x 1

HDBaseT x 1

5-BNC

VGA x 1

Audio in: Mini Stereo x 3

Variable audio out: Mini Stereo x 1

USB connector Type B x 1: For service only

USB connector Type A x 1: For wireless only

Monitor out: Mini D-sub 15 pin x 1

Serial: RS-232c x 1



Effective Scanning Frequency Range

**Pixel Clock** 13.5 MHz – 162 MHz (up to UXGA 60 Hz)

**Horizontal** 15 kHz – 92 kHz

**Vertical** 50 Hz – 85 Hz

Video I/O

**Input Signal** NTSC/NTSC4.43/PAL/M-PAL/N-AL/PAL60/

SECAM/480i/576i/480p/576p/720p/1080i/1080p/UDH/4K

**Pixelworks<sup>®</sup>** Video Chip 3D Y/C separation, noise reduction

motion compensated Interlace-Progressive conversion

(2 - 2, 3 - 2 film detection)

Dimensions (W x D x H)

**Including Feet, Lens** 23.1" x 8.3" x 19.4"

**Weight** 52.2 lb (with standard lens, not included)

Remote Control

**Features** Power, search selection, lens shift, zoom, focus, test pattern selection, A/V Mute, freeze, user ID, auto, aspect, color mode, help, menu, enter, esc and standby

**Operating Angle**

Right/left: Front: ± 60 degrees, Rear: ± 30 degrees

Upper/lower: Front: ± 20 degrees, Rear: +10 to +50 degrees

**Operating Distance** 49 ft

Eco Features

RoHS compliant

Recyclable product<sup>6</sup>

Epson America, Inc. is a SmartWay<sup>®</sup> Transport Partner<sup>6</sup>

Support

**Epson Connection<sup>SM</sup>**

Pre-sales support: U.S. and Canada 800-442-1977

Internet website: [www.epson.com](http://www.epson.com)

**Service Programs**

The projector has a limited warranty of 3 years or 20,000 hours, whichever comes first.

Epson Road Service program, PrivateLine<sup>®</sup> dedicated toll-free support (U.S. and Canada only)

What's in the Box

Pro L1505UHNL projector, power cable, projector remote control with batteries, cable cover, HDMI cable clamp

Ordering Information

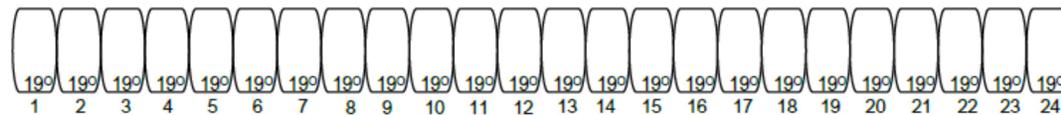
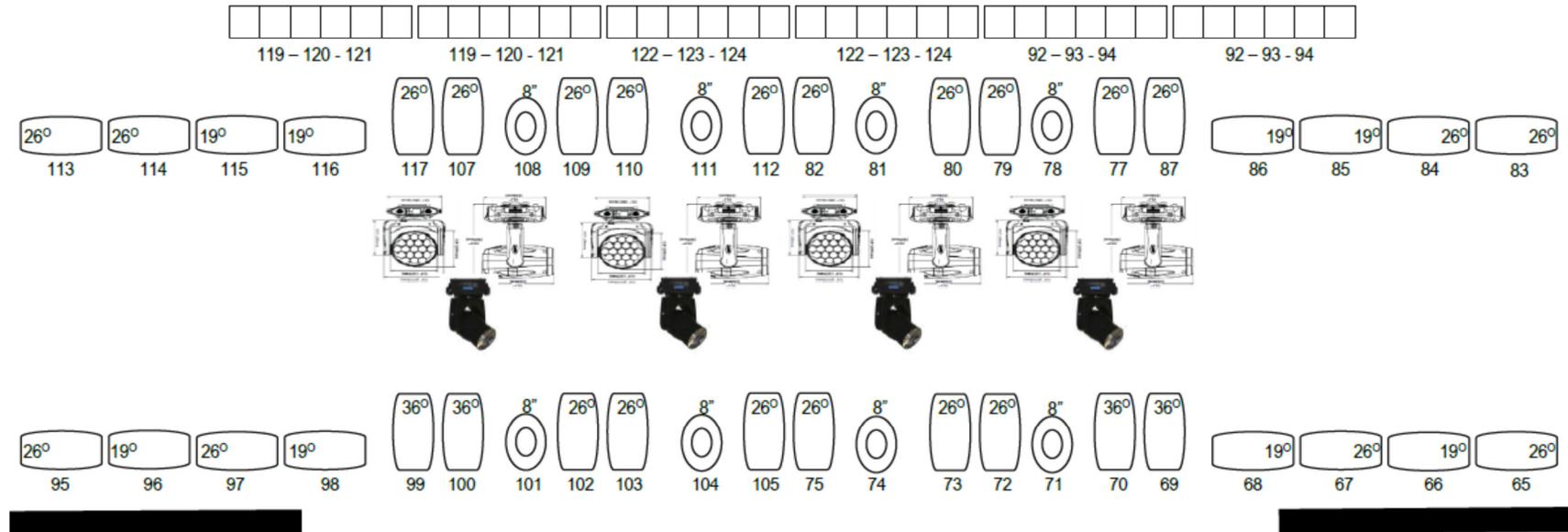
Pro L1505UHNL	V11H910820
Replacement Air Filter (ELPAF51)	V13H134A51
Ultra Short-throw Lens (ELPLX02)	V12H004X02
Short-throw #1 Zoom Lens (ELPLU03)	V12H004U03
Short-throw #2 Zoom Lens (ELPLU04)	V12H004U04
Wide-throw #1 Zoom Lens (ELPLW05)	V12H004W05
Wide-throw #2 Zoom Lens (ELPLW06)	V12H004W06
Middle-throw #2 Zoom Lens (ELPLM15)	V12H004M0F
Middle-throw #3 Zoom Lens (ELPLM10)	V12H004M0A
Middle-throw #4 Zoom Lens (ELPLM11)	V12H004M0B
Long-throw Zoom Lens (ELPLL08)	V12H004L08
Epson Ceiling Mount – Low Ceilings (ELPMB47)	V12H802010
Epson Ceiling Mount – High Ceilings (ELPMB48)	V12H803010
HDBaseT Transmitter (ELPHD01)	V12H547020
Wireless LAN Module (ELPAP10)	V12H731P02
1-year Extended Warranty	EPPEXPC1
2-year Extended Warranty	EPPEXPC2

1 4K Enhancement Technology shifts each pixel diagonally by 0.5 pixels to double the resolution and surpass Full HD image quality. | 2 Color brightness (color light output) and white brightness (white light output) will vary depending on usage conditions. Color light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118. | 3 20,000 hours is the estimated life when the projector is used in Normal Mode in an ordinary environment. Actual hours may vary depending on mode and usage environment. The projector has a limited warranty of 3 years or 20,000 hours, whichever comes first. | 4 Color brightness (color light output) in brightest mode, measured by a third-party lab in accordance with IDMS 15.4. Color brightness will vary depending on usage conditions. Top-selling Epson 3LCD projectors versus top-selling 1-chip DLP projectors based on PMA Research sales data for Dec. 2015 through Nov. 2016. | 5 For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | 6 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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**1 West Campbell Avenue Campbell Ca. 95008**  
**Steve Milligan 408-981-6785, [heritage\\_production@yahoo.com](mailto:heritage_production@yahoo.com)**



**Moving Lights**

- 4 Elation Platinum Sevens
- 4 Elation Platinum Spot III
- 8 Torrent 90 Beams  
(4 in the air line 6)  
(4 on the ground)



Lycin Super Arc 400  
Standard Throw

**Light Boards**

- Hedgehog 4 controller
- ETC Express

**Revised 10-04-19**

## Campbell Heritage Theatre

### Technical Information

#### Sound System Information:

##### Microphones:

- 3 Shure SM91
- 4 AKG C418L
- 6 AKG C451B
- 2AKG C1000s
- 4 Shure SM57
- 8 Shure SM58
- 4 Shure Beta 87A
- 2 Shure wireless microphone receivers
- 4 Shure wireless microphone HH transmitters
- 4 Shure wireless microphone lavalier transmitters
- 2 Shure wireless microphone antenna boosters
- 1 Listen ADA transmitter
- 8 Listen ADA receivers with ear buds & batteries
- 1 Listen ADA antenna
- 1 rack mount
- 1 AKG monitor mic
- 1 Rane audio DA
- 1 Rane mic preamp
- 8 Type 85 Ca1 Direct Boxes
- 1 Shure MX391
- Various microphone stands and accessories
- 2 Countrymen E6

##### Front of House Equipment:

- 1 Yamaha DM2000 v.2 96-input mixing console
- 1 Yamaha meter bridge
- 3 Mid-Atlantic half racks
- 1 Denon-DN-T625 cassette/CD combo deck
- 1 Denon DN-C615 CD Deck
- 1 Tascam DA-40 DAT player/recorder
- 3 BSS EQ
- 1 Mid Atlantic Equipment rack
- 2 PMC patch bays
- 1 Shure auto mixer

## **Campbell Heritage Theatre**

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#### Loudspeakers:

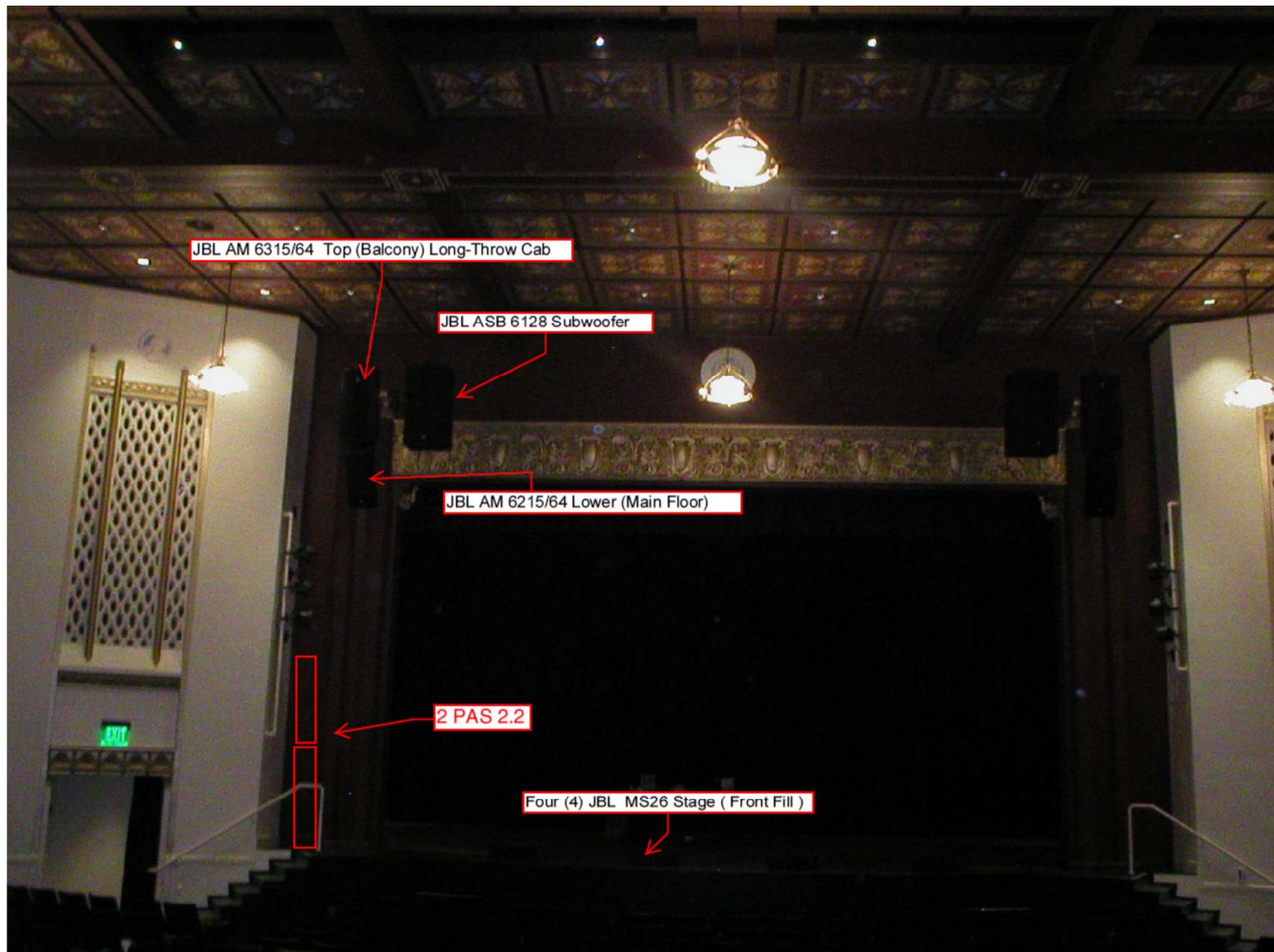
- 2 JBL loudspeakers (main floor, down fill)
- 2 JBL loudspeakers (balcony, long throw)
- 4 JBL front fill loudspeakers
- 2 JBL 1 x 15
- 10 Crown power amplifiers
- 1 BSS loudspeaker processor
- 1 Mid-Atlantic equipment rack
- 6 JBL lobby loudspeakers
- 13 JBL back of house loudspeakers
- 1 TOA lobby page amplifier
- 1 TOA back of house amplifier
- 2 PMC loudspeaker mountings
- 4 JBL stage monitors

#### Communications System:

- 1 Clear Com IC master
- 1 Clear Com Stage Manager's panel
- 2 Clear Com 2 channel belt packs
- 2 Clear Com 2 channel 6-pin adaptor cables
- 6 Clear Com belt packs
- 7 Clear Com Headsets – single muff
- 2 Clear Com Headsets- double muff

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#### Cables & Plates:

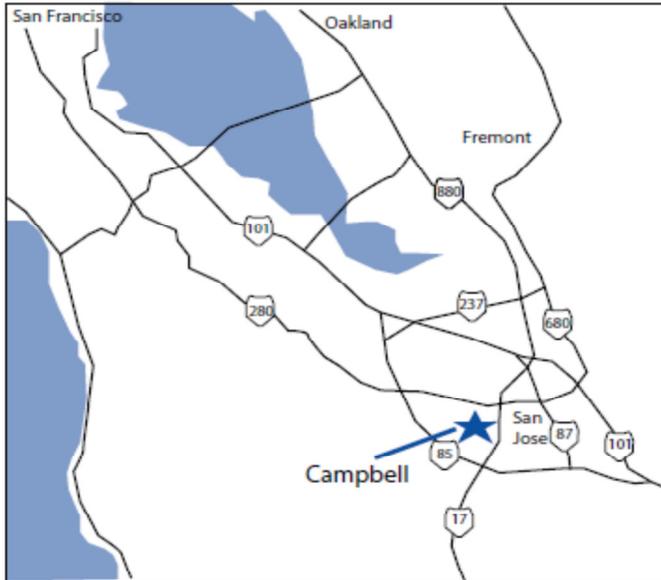
- 1 Belden 40-channel snake cable
- 2 Belden 4-channel snake cables
- 2 Belden 6-channel snake cables
- 1 Belden 8-channel snake cable
- 5 Belden IC cables
- 1 Belden loudspeaker cable cluster
- 1 Belden 70 volt loudspeaker cable cluster
- 0.5 Belden video cable
- 5 PMC stage wall plates
- 5 PMC stage floor plates
- 5 FSR floor boxes
- 12 PMCIC plates
- 1 Soundolier volume control plate
- 2 PMC antenna plates
- 2 PMC AV plates
- 20 Whirlwind 25' mic cables
- 10 Whirlwind 50' mic cables
- 2 Mid-Atlantic power strips full racks
- 2 Mid-Atlantic power strips half racks
- 4 Mid-Atlantic cable harness hardware
- 1 PMC miscellaneous hardware
- 2CM 1-ton chain motors
- 5 8-channel sub snakes

#### **Miscellaneous Equipment:**

- Mic Stands
- Orchestra Chairs (100)
- 4'x8' risers (10)
- Podium
- 6' Young Chang Baby Grand Piano
- Music Stands (80)
- Music Stand Lights (50)
- Marley Floor
- 6' and 8' banquet tables

# Campbell Heritage Theatre

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### Directions:

#### From San Francisco:

Take 280 South toward San Jose; take Hwy 17 South (toward Santa Cruz) exit. The first exit will be Hamilton Avenue; go west (right). Turn left at the third traffic signal onto Winchester Boulevard. Turn right at the second traffic signal onto Campbell Avenue. Turn right at the next traffic signal and enter the Community Center parking lot.

#### From the East Bay:

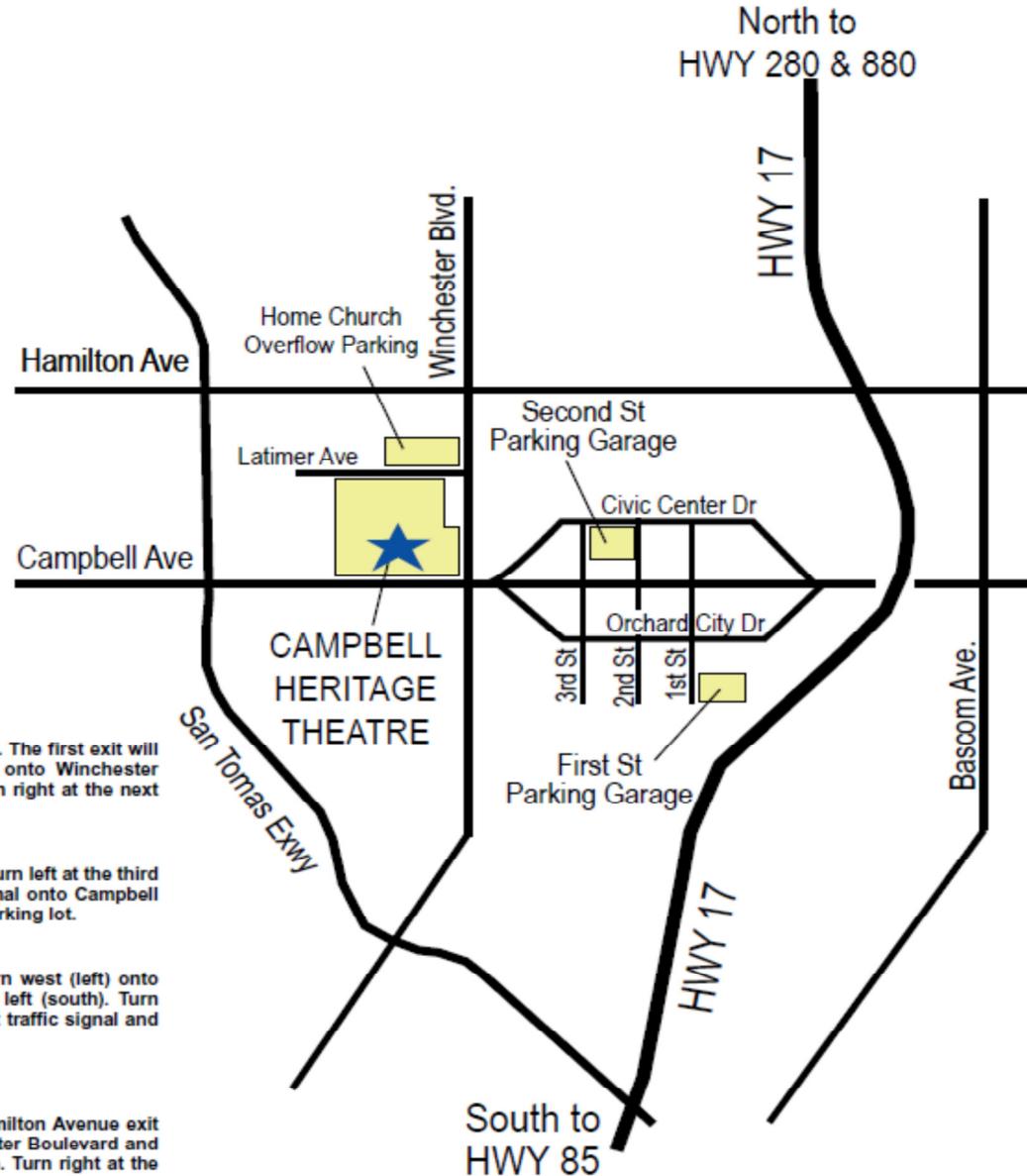
Take 880 South to the Hamilton Avenue. Go west (right) on Hamilton Avenue. Turn left at the third traffic signal onto Winchester Boulevard. Turn right at the second traffic signal onto Campbell Avenue. Turn right at the next traffic signal and enter the Community Center parking lot.

#### From Santa Cruz:

Take Hwy 17 North toward San Jose. Take the Hamilton Avenue exit and turn west (left) onto Hamilton Avenue. Take Hamilton Avenue to Winchester Boulevard and turn left (south). Turn right at the second traffic signal onto Campbell Avenue. Turn right at the next traffic signal and enter the Community Center parking lot.

#### From South 101:

Take 101 North to Hwy 85 North. Take Hwy 85 to Hwy 17 North. Take the Hamilton Avenue exit and turn west (left) onto Hamilton Avenue. Take Hamilton Avenue to Winchester Boulevard and turn left (south). Turn right at the second traffic signal onto Campbell Avenue. Turn right at the next traffic signal and enter the Community Center parking lot.



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