



The Pikes Peak Center for the Performing Arts

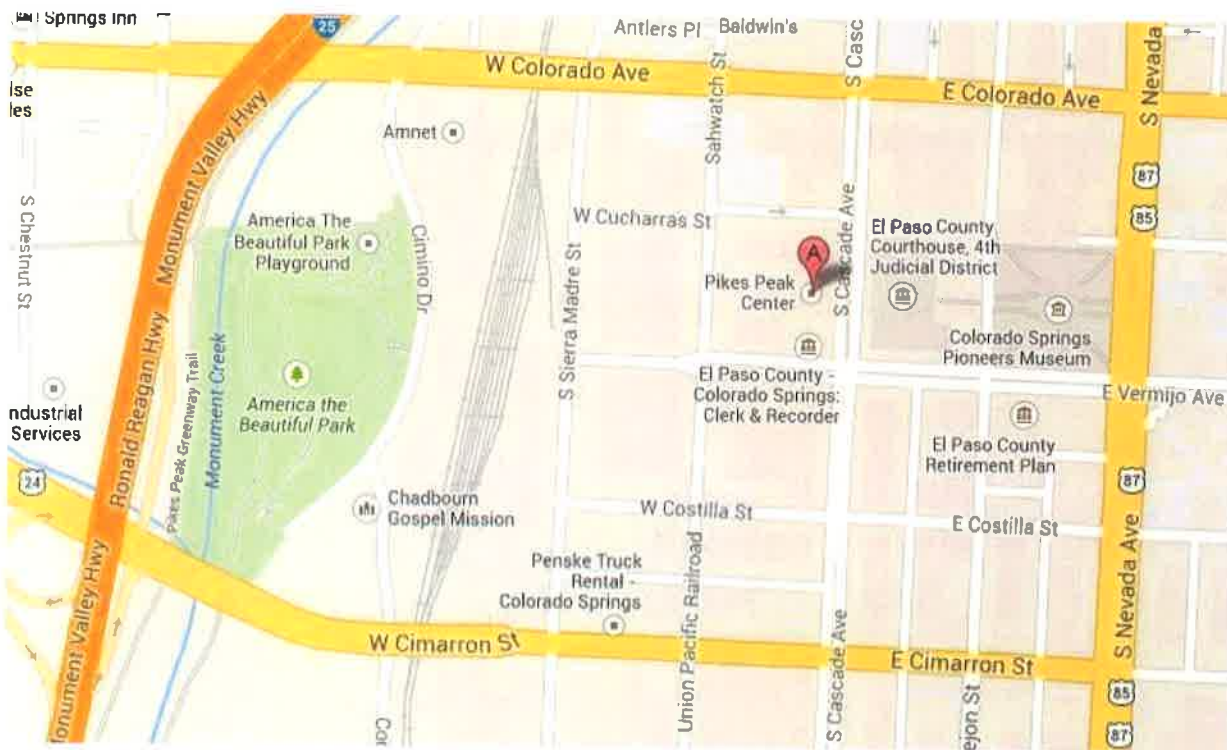
History and Management

Pikes Peak Center for the Performing Arts was built by the citizens of El Paso County in 1982 to serve as a regional entertainment, cultural, educational, and assembly center for the benefit of the citizens of El Paso County and the Pikes Peak Region. Since its opening in 1982, Pikes Peak Center for the Performing Arts has achieved international acclaim for its design and acoustical qualities. Artists and critics alike have been lavish in their praise of the center. The Broadmoor World Arena is a nonprofit charitable organization which began managing and operating Pikes Peak Center for the Performing Arts in September of 2004.

Location:

190 South Cascade Avenue, Colorado Springs, CO 80903

Phone: 719-477-2100 Website: <http://www.pikespeakcenter.com/>



Box Office:



Tickets to PPC events are available through the PPC Box Office and The Broadmoor World Arena Box Office. The PPC Box Office and The Broadmoor World Arena Box Office hours are Monday – Friday 10:00 am – 6:00 pm and Saturdays as the event schedule dictates. The Box Office remains opened until intermission on event days unless directed otherwise. Box Office hours may be subject to seasonal changes. Tickets are always available online at www.pikespeakcenter.com.

Box Office Rates and Regulations

- A. The use of PPC Box Office and registered outlets is required, unless noted otherwise in lease for all ticketed events in order to provide accurate control of receipts and maximum service to patrons.
- B. A facility fee will be included in the price of each ticket. This fee covers the costs associated with maintenance and upkeep of the facility.
- C. House receives complimentary tickets equal to 1% of the manifested capacity for each performance. In a reserved house, management shall determine the location of its complimentary tickets.
- D. There is no seat tax.

Pikes Peak Center shall order, audit, and determine outlets for all tickets sold for events. Management shall have complete custody and control of all monies received from the sale of tickets, for the purpose of application toward payment of any balance for rent or expenses otherwise due. All money received from ticket sales shall be held in trust by PPC until settlement. At no time will tickets be placed on sale unless a contract is signed and record of deposit is on file.

Settlement

Pikes Peak Center requires a Box Office statement and settlement of all monies owed upon closing the Box Office for the final performance or as designated in the lease.

Marketing Services:

Pikes Peak Center is available to assist the promoter with the numerous details involved to successfully market the event, Pikes Peak Center can provide information for the production and placement of print and electronic advertising. For a negotiated commission, Pikes Peak Center can also assist with promotions, public relations, and publicity needed to ensure ticket sales.

Advertising – Mandatory Use of Logos

When placing advertising for events at the Pikes Peak Center, the tenant is required to use the Pikes Peak Center logo in horizontal format. The Pikes Peak Center will provide camera ready artwork.

Merchandise:

Merchandise will be inventoried in and out and sold by the Pikes Peak Center staff. Net sales shall be gross receipts less associated expenses, including security, staffing, taxes, credit card fees, and merchandise percentage. Pikes Peak Center will collect sales tax.

Guest Parking:

Pikes Peak Center does not own or manage any parking other than the two (2) loading dock spaces for production load in and load out. There are multiple parking options available for both guests and clients:

El Paso County Parking Garage: Paid parking is available in the secured, covered El Paso County parking garage located on the south side of Pikes Peak Center at Sahwatch St and Vermijo. The garage opens one (1) hour prior to performance doors and closes two (2) hours after the conclusion of the performance. Handicapped parking spaces are available on each level of the parking garage. There are approximately 225 parking spaces available to the public.

Metered Parking: Meters are active Monday thru Saturday 8 am-10 pm and Sundays 1 pm-10 pm. Metered Parking surrounds Pikes Peak Center on Cascade Ave. Sahwatch St. Colorado, and Vermijo.

Free Street parking: Free, on-street parking is available on Sahwatch St, S Sierra Madre St, and Cucharras St. This parking is quickly filled on weekdays but empties out by 4 pm.

Production Parking:

Pikes Peak Center has two (2) Loading Dock Parking Spaces on the West side of the building on the corner of Sahwatch St. and West Cucharras St. All other parking is public on-street parking both metered and free. There are metered spaces directly outside of the backstage door. Meters cannot be pre-paid or "hooded". Meters must be paid Monday thru Saturday 8 am-10 pm and Sundays 1 pm-10 pm. Shore power is available for a fee and can be placed at the street end of the dock for use by buses parked on the street. Extra bus or truck parking spaces are available about one (1) block from Pikes Peak Center.

Load In:

The Stage entrance is located on the west side (Mountain Side) of Pikes Peak Center at the corner of Sahwatch St. and W. Cucharras St.

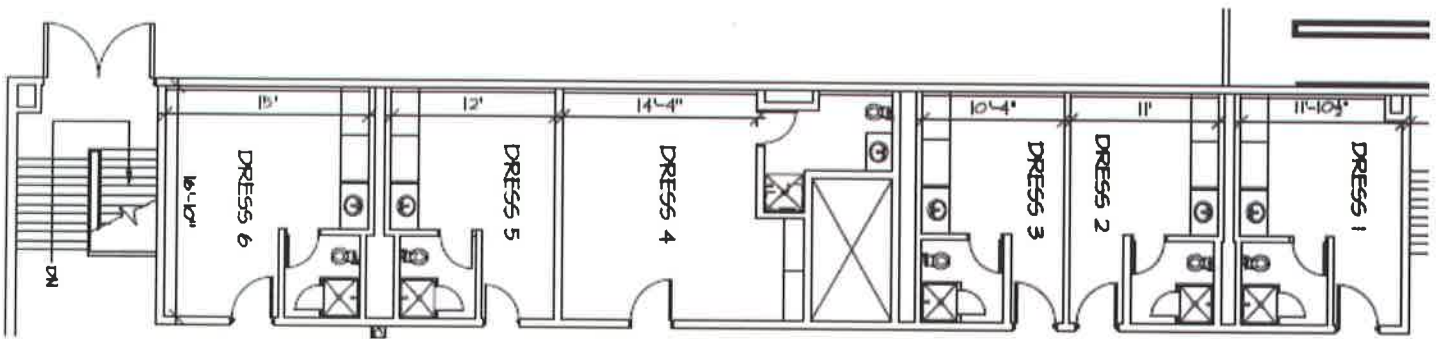
There are two (2) loading docks at the Pikes Peak Center. The Docks are at a fixed height of 48" with edge of dock levelers.

There is a 20' level push from the Dock to the Pikes Peak Center Main Stage and a 50' level push to Studio Bee.

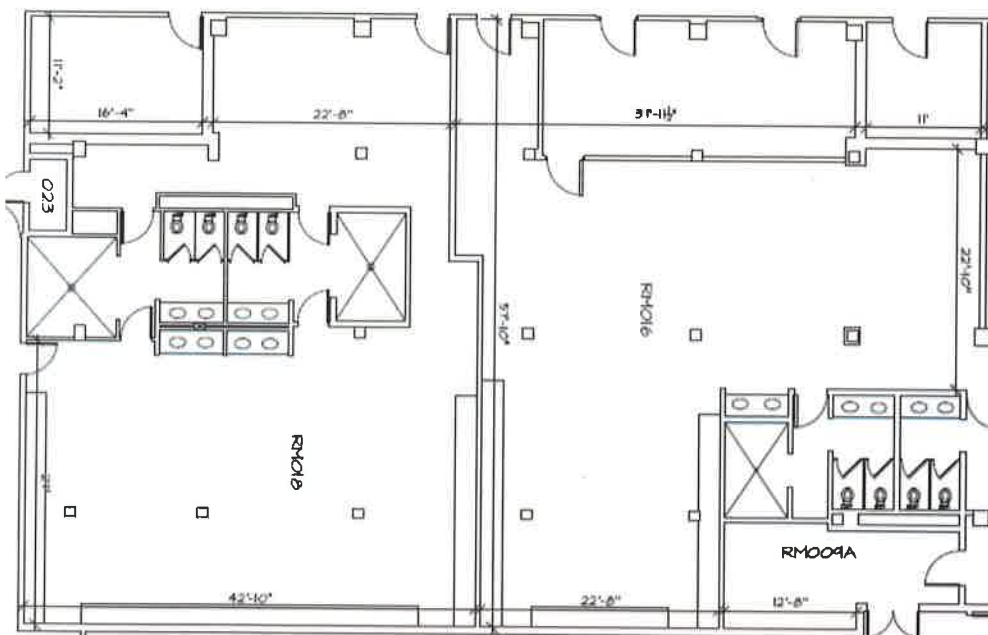
Dressing Rooms:

Six (6) star dressing rooms are located outside of the up-stage wall of the main stage. Each dressing room is equipped with a make-up station, toilet, sink, and shower. The basement level has two chorus dressing rooms (A=2,000 sq ft with 24 Makeup stations)(B=1,800 sq ft with 31 Makeup Stations). Each chorus room is equipped with make-up stations, sinks, showers, and toilets. A 490 sq. ft. common space is located on the lower level adjacent to the chorus dressing rooms. Show washers and dryers are available upon request. Hard-wired phone or internet can be provided in the dressing rooms with advanced notice.

Star Dressing rooms:

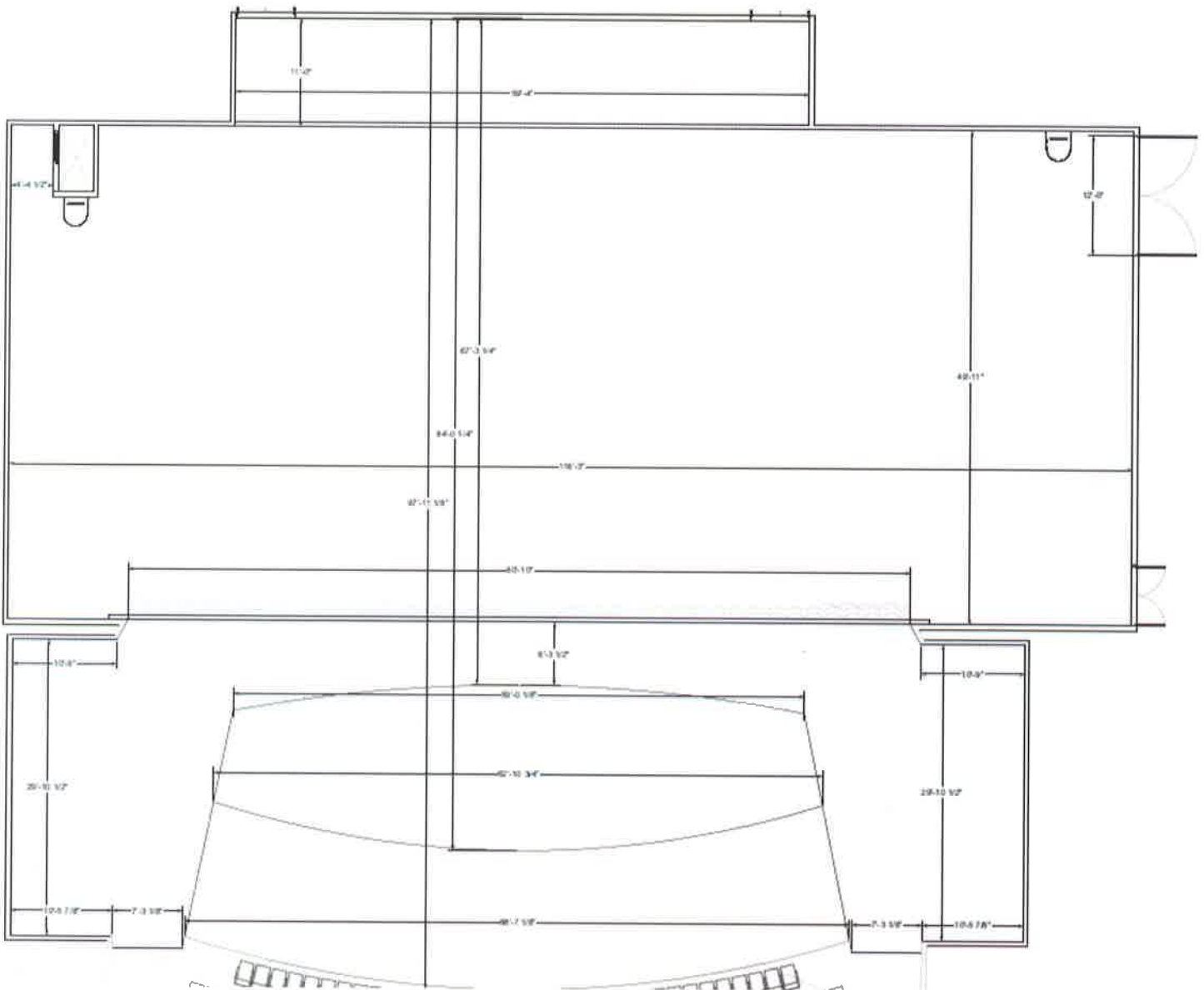


Ensemble Rooms:



The El Pomar Great Hall Stage:

The stage floor is maple over plywood, over two layers of sleepers, over neoprene blocks. The floor is painted black and has excellent resiliency for ballet and other dance events. Prior approval must be given before lagging or screwing into the floor. The center is equipped with a semi-rigid proscenium safety curtain to close off the stage in the event of on-stage fire. The fire curtain is designed to operate under emergency or maintenance conditions. The fire line must not have stage pieces directly underneath or crossing the line as it may have to come down in an emergency. Beyond the fire line the stage is on a rake of 6 degrees to the downstage edge. The maximum allowable load on the floor is 160 lbs/sq. ft.



Upstage Towers/Wall to the Plaster Line = 52 ft.

To Down Stage Edge = 58 ft.

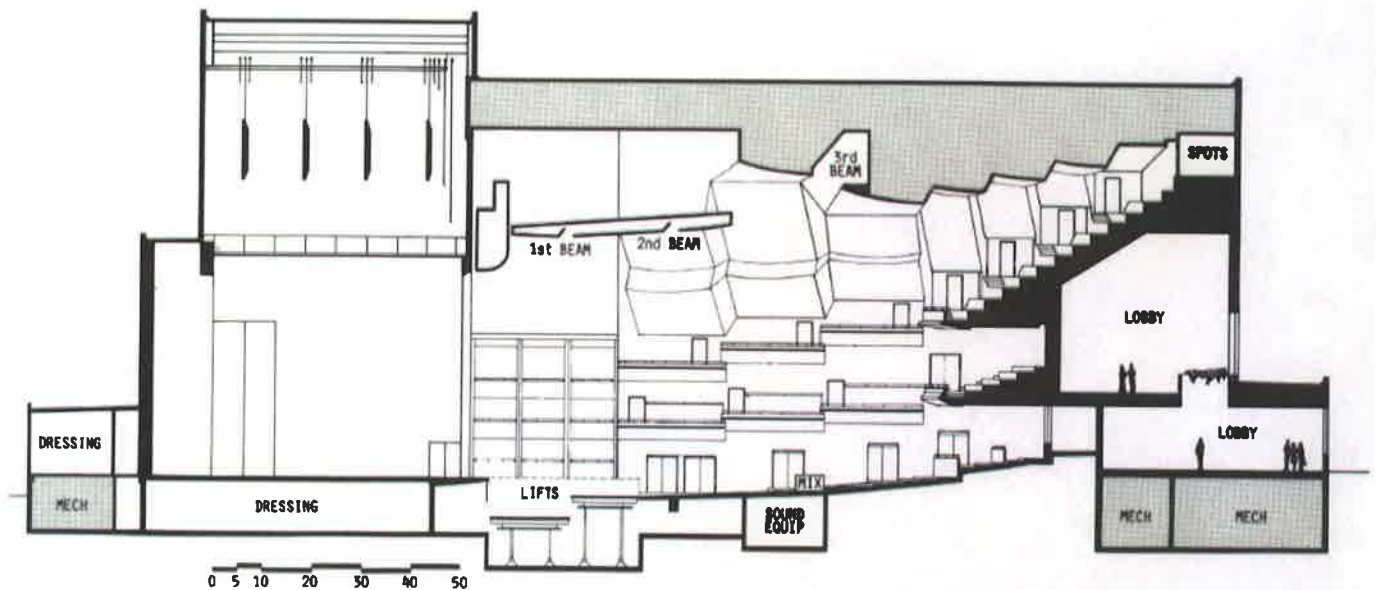
To Down Stage Edge of 1st Lift = 74 ft.

To Down Stage Edge of 2nd lift = 88 ft.

Stage Left to Stage Right = 115 ft. Live Load = 160 lbs/sq ft.

Proscenium opening = 81ft Wide x 40'High. Distance from Proscenium to the Down Stage Edge 6ft.

Side View of Pikes Peak Center:

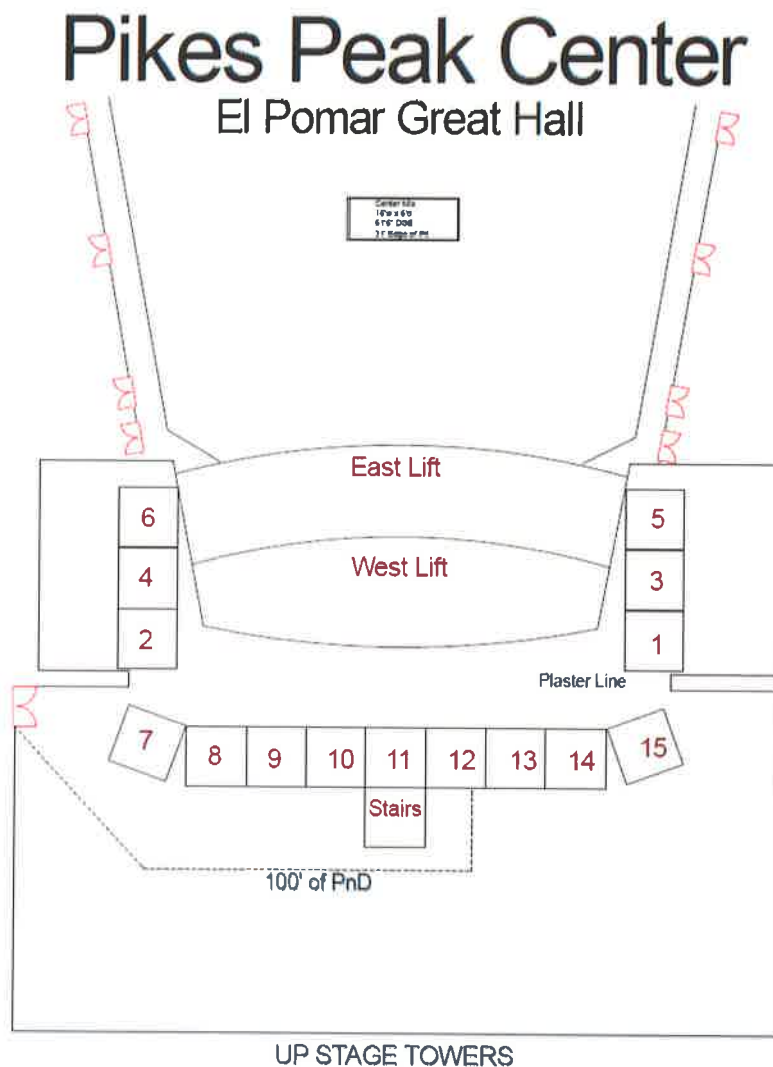


Orchestra Lift:

The Pikes Peak Center features a full size orchestra pit with complete access to the backstage area. It consists of two sections 64'W x 12'D that can be raised to the stage floor, house floor, and pit floor. These lifts can be lowered to the pit level and used as an orchestra pit, loaded with seating and raised to the house floor, or raised to stage level to extend the down stage edge.

Towers:

Pikes Peak Center has mobile towers built for extra seating and to be used as a concert shell. These towers are moved using an air caster system. There are six (6) throat towers, three (3) on Stage Left and three (3) on Stage Right. There are on stage towers, two (2) towers stored on the Stage Left wall and three (2) on the Stage Right Wall. Five (5) more towers are stored along the Up Stage wall. See below for an example of how the towers are configured for use as concert shells.



The Throat towers can move off stage into their storage position. In this position seating cannot be accessed. Normally these towers are in their seating position whether they are being seated or not. These towers are sometimes blocked by the proscenium.

The On Stage Towers typically stay in their storage position along the upstage and stage left and right walls. They are used by orchestras and choirs as a concert shell using a curved upstage configuration. These towers can be used for upstage seating only if set in a straight line.

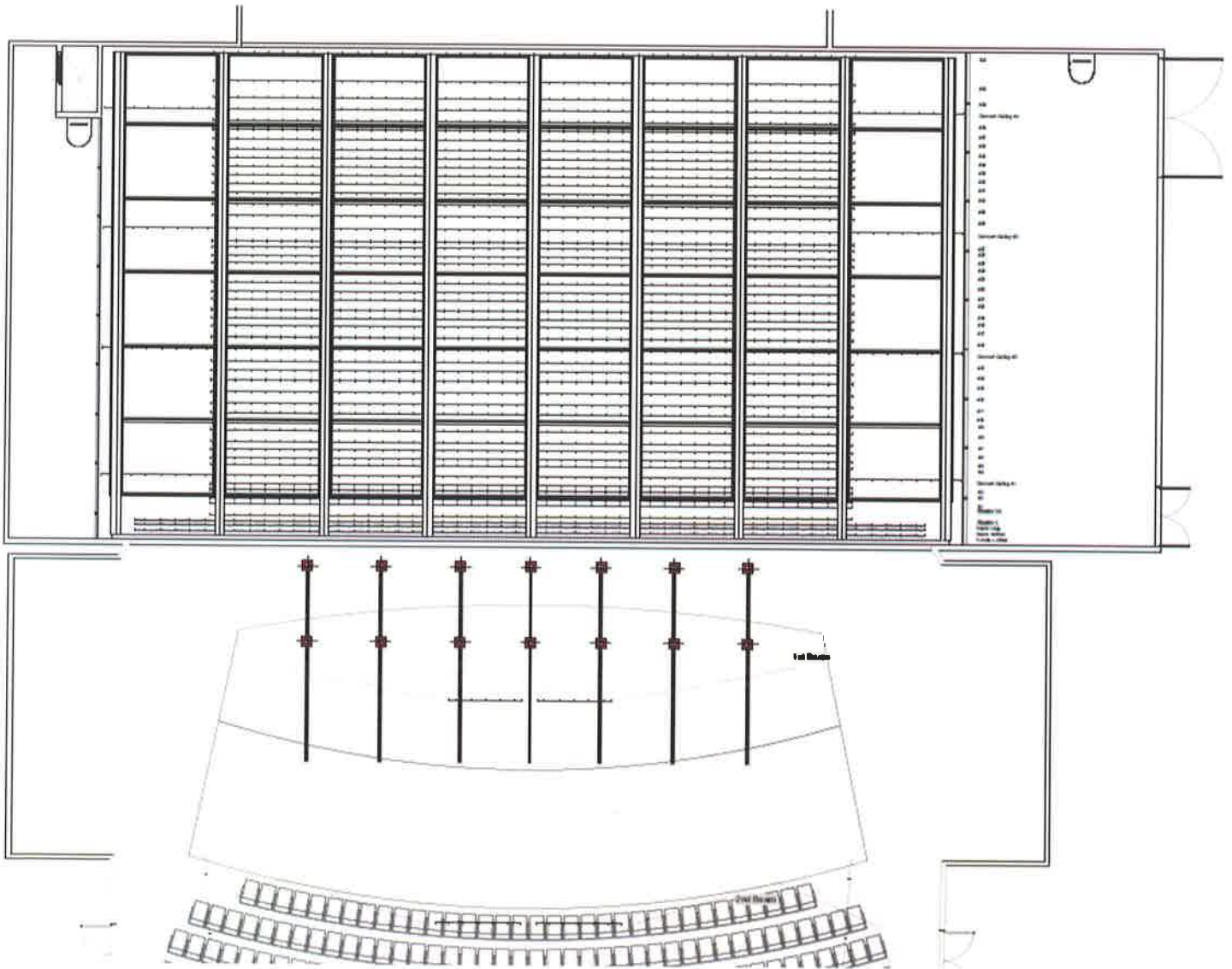


Fly Rail System:

Pikes Peak Center has a single purchase Flyrail system. The Flyrail and Load rail are located on a Stage Right Loft.

The capacity of each arbor is 1,500 lbs. The full arbor capacity is 40,000 lbs.

Please see below for Rigging information:



Pikes Peak Center Line Set Schedule

Lineset Number	What is on the line?	Weight	From Plaster Line in Feet/Inch	Batten Length in Feet/Inch
House Curtain			0'-11"	0'
Black Border			1'-7"	0'
Black Legs			2'-3"	0'
Electric 1			2'-11"	0'
Electric 1A			4'-2"	0'
#1			4'-10"	0'
#2			5'-6"	0'
#3			6'-0"	0'
Concert Ceiling #1			6'-7"	0'
#4			8'-0"	0'
#5			8'-8"	0'
#6			9'-4"	0'
#7			10'-4"	0'
#8			11'-6"	0'
#9			12'-8"	0'
#10			13'-4"	0'
#11			14'-0"	0'
#12			15'-4"	0'
#13			16'-9"	0'
#14			17'-4"	0'
#15			18'-0"	0'
Concert Ceiling #2			19'-5"	0'
#16			20'-8"	0'
#17			22'-0"	0'
#18			23'-4"	0'
#19			24'-2"	0'
#20			24'-8"	0'
#21			25'-4"	0'
#22			26'-0"	0'
#23			27'-5"	0'
#24			28'-0"	0'
#25			28'-6"	0'
#26			29'-10"	0'
#27			30'-6"	0'
Concert Ceiling #3			31'-7"	0'
#28			32'-8"	0'
#29			34'-3"	0'
#30			35'-7"	0'
#31			36'-4"	0'
#32			36'-11"	0'
#33			37'-8"	0'
#34			38'-3"	0'
#35			39'-7"	0'
#36			41'-0"	0'
#37			42'-0"	0'
#38			42'-8"	0'
Concert Ceiling #4			43'-9"	0'
#39			45'-0"	0'
#40			46'-10"	0'
#41			49'-6"	0'

Lighting:

The control board is an ETC ION Dimmer per circuit configuration with 345 @ 2.4kw, 30 @ 6.0kw. non- dims available: 6 @ 2.4kw and 6 @ 6.0kw. All patching is DMX through the lighting control Board. Currently we do not carry any LED lighting or moving lights.

Inventory Log - PIKES PEAK CENTER

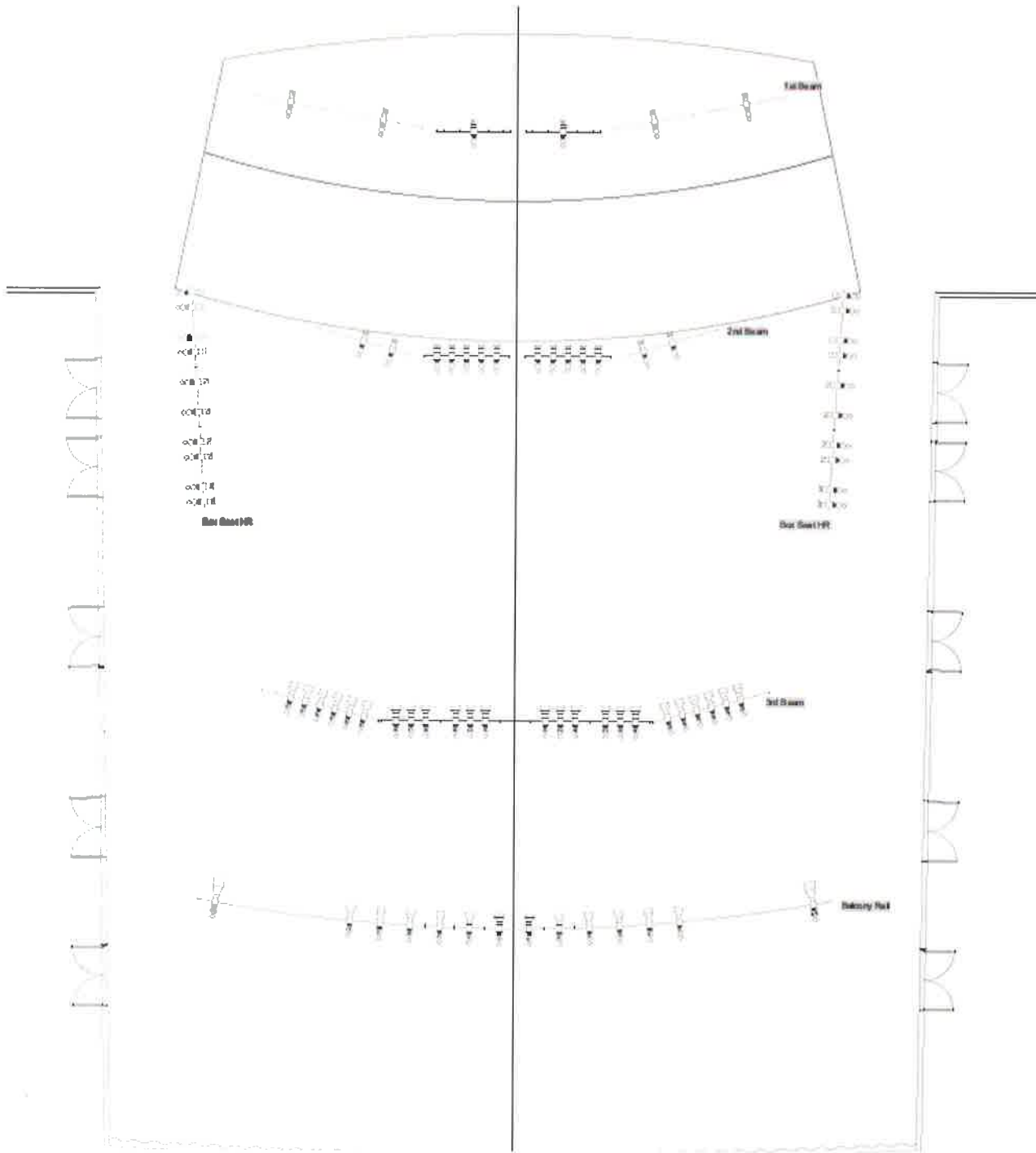
					As of:	6/15/2020
Item	Department	Purpose/Location Stored	Condition	Functional?	Number	
FRESNEL	LIGHTING	LIGHT SHOP	FAIR	YES	19	
FRESNEL (BROKEN)	LIGHTING	LIGHT SHOP	BAD	NO	1	
LED FLOOR CYC LIGHTS RGBW	LIGHTING	LIGHT SHOP	FAIR	YES	10	
LED HANGING CYC LIGHTS RGBW	LIGHTING	LIGHT SHOP	FAIR	YES	10	
LEKO 10° LENSE BARREL	LIGHTING	IN THE AIR - 3RD BEAM	FAIR	YES	35	
LEKO 10° LENSE BARREL	LIGHTING	IN THE AIR - BALCONY BOXES	FAIR	YES	14	
LEKO 10° LENSE BARREL	LIGHTING	IN THE AIR - CANOPY 2ND BEAM	FAIR	YES	12	
LEKO 10° LENSE BARREL	LIGHTING	LIGHT SHOP	FAIR	YES	13	
LEKO 19° LENSE BARREL	LIGHTING	IN THE AIR - BALCONY BOXES	FAIR	YES	18	
LEKO 19° LENSE BARREL	LIGHTING	IN THE AIR - CANOPY 2ND BEAM	FAIR	YES	14	
LEKO 19° LENSE BARREL	LIGHTING	LIGHT SHOP	FAIR	YES	22	
LEKO 26° LENSE BARREL	LIGHTING	LIGHT SHOP	FAIR	YES	23	
LEKO 36° LENSE BARREL	LIGHTING	LIGHT SHOP	FAIR	YES	32	
LEKO 36° LENSE BARREL (BROKEN)	LIGHTING	LIGHT SHOP	BAD	NO	4	
LEKO 5° LENSE BARREL	LIGHTING	IN THE AIR - 3RD BEAM	FAIR	YES	5	
LEKO 5° LENSE BARREL	LIGHTING	IN THE AIR - BALCONY BOXES	FAIR	YES	2	
LEKO 5° LENSE BARREL	LIGHTING	IN THE AIR - CANOPY 2ND BEAM	FAIR	YES	14	
LEKO 50° LENSE BARREL	LIGHTING	LIGHT SHOP	FAIR	YES	8	
LEKO 50° LENSE BARREL (BROKEN)	LIGHTING	LIGHT SHOP	BAD	NO	1	
LEKO 575W	LIGHTING	LIGHT SHOP	FAIR	YES	45	
LEKO 575W (BROKEN)	LIGHTING	LIGHT SHOP	BAD	NO	1	
LEKO 750W	LIGHTING	IN THE AIR - BALCONY BOX LEFT	FAIR	YES	10	
LEKO 750W	LIGHTING	IN THE AIR - BALCONY BOX RIGHT	FAIR	YES	10	
LEKO 750W	LIGHTING	IN THE AIR - BALCONY RAIL	FAIR	YES	16	
LEKO 750W	LIGHTING	IN THE AIR - CANOPY 2ND BEAM	FAIR	YES	14	
LEKO 750W	LIGHTING	IN THE AIR - 3RD BEAM	FAIR	YES	24	
LEKO 750W	LIGHTING	IN THE AIR - OVER STAGE	FAIR	YES	10	
LEKO 750W	LIGHTING	LIGHT SHOP	FAIR	YES	37	
LEKO 750W (BROKEN)	LIGHTING	IN THE AIR - 3RD BEAM	BAD	NO	2	
LEKO 750W ZOOM	LIGHTING	IN THE AIR - CANOPY 1ST BEAM	FAIR	YES	6	

MUSIC STAND LIGHTS WITH 15W INCANDESCENT	LIGHTING	LIGHT SHOP	FAIR	YES	52
PAR 64 (UNKNOWN BEAM)	LIGHTING	IN THE AIR - LINESET 1A	FAIR	YES	30
PAR 64 (UNKNOWN BEAM)	LIGHTING	IN THE AIR - LINESET 25	FAIR	YES	30
PAR 64 MEDIUM	LIGHTING	IN THE AIR - TOWER 1 HOUSE LEFT	FAIR	YES	4
PAR 64 MEDIUM	LIGHTING	IN THE AIR - TOWER 2 HOUSE RIGHT	FAIR	YES	4
PAR 64 MEDIUM	LIGHTING	LIGHT SHOP	FAIR	YES	39
PAR 64 NARROW	LIGHTING	LIGHT SHOP	FAIR	YES	78
PAR 64 VERY NARROW	LIGHTING	LIGHT SHOP	FAIR	YES	12
PAR 64 WIDE	LIGHTING	LIGHT SHOP	FAIR	YES	30
PIPE/LIGHT TREE/BOOM - 10'	LIGHTING	DOCK	YES	YES	3
PIPE/LIGHT TREE/BOOM - 10'-6"	LIGHTING	DOCK	YES	YES	4
PIPE/LIGHT TREE/BOOM - 12'	LIGHTING	DOCK	YES	YES	6
PIPE/LIGHT TREE/BOOM - 13'	LIGHTING	DOCK	YES	YES	1
PIPE/LIGHT TREE/BOOM - 14'	LIGHTING	DOCK	YES	YES	6
PIPE/LIGHT TREE/BOOM - 6'	LIGHTING	DOCK	YES	YES	1
PIPE/LIGHT TREE/BOOM - 8'	LIGHTING	DOCK	YES	YES	1
PIPE/LIGHT TREE/BOOM - 8'-6"	LIGHTING	DOCK	YES	YES	2
PIPE/LIGHT TREE/BOOM - 9'	LIGHTING	DOCK	YES	YES	7
PIPE/LIGHT TREE/BOOM - 9'-6"	LIGHTING	DOCK	YES	YES	2
S4 PAR 750W	LIGHTING	LIGHT SHOP	FAIR	YES	21
S4 PAR 750W (BROKEN)	LIGHTING	LIGHT SHOP	BAD	NO	2

Spotlights:

The Pikes Peak Center is equipped with two Strong Xenon Super Troupers 2Ks located in a booth at the rear of the balcony. The throw is 150' to the front edge of the stage. We are able to outsource two additional spot lights if necessary.

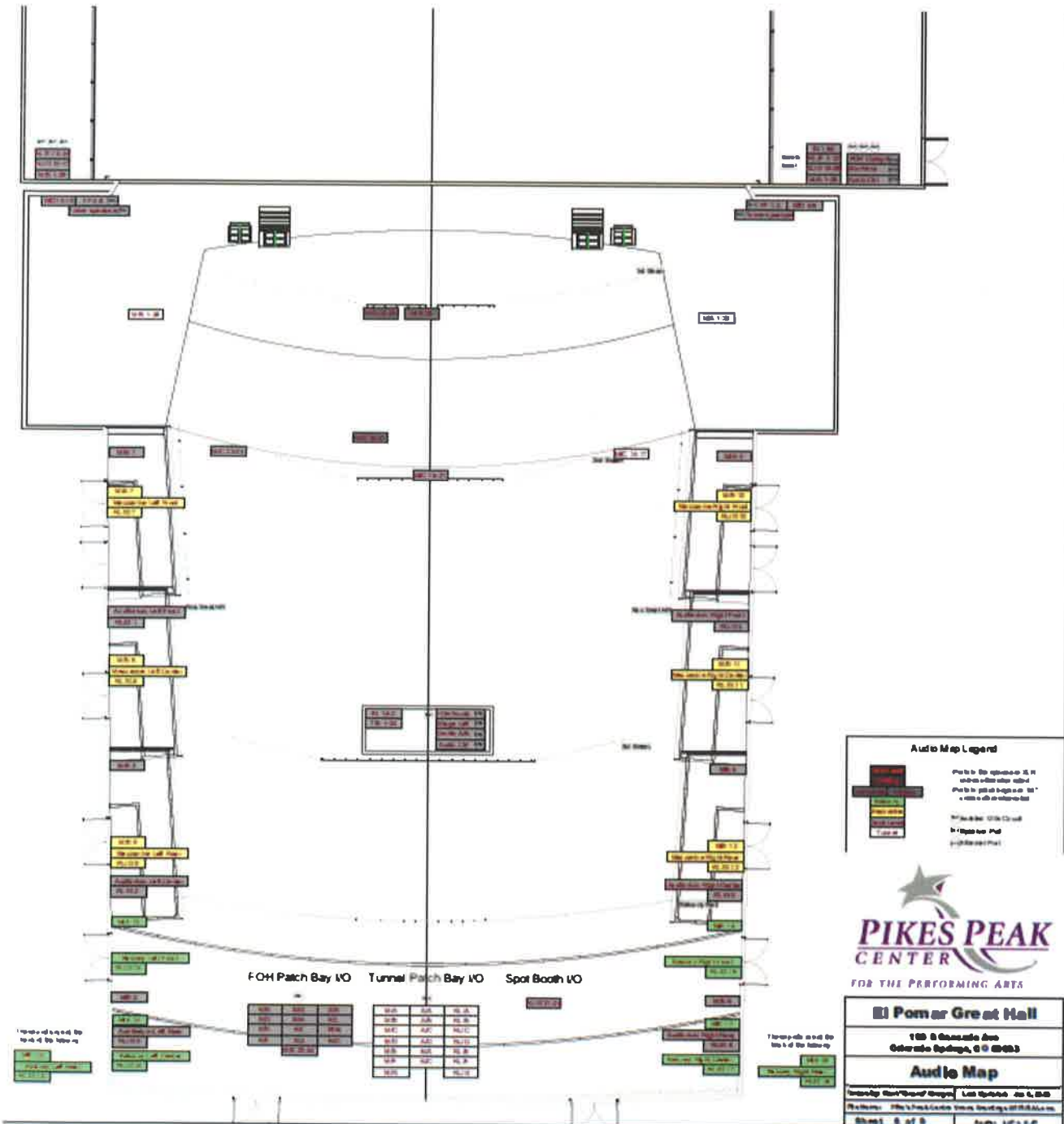
Current Rep Plot:



Event Power:

The company switch is located stage left. Available power consists of four company switches. Each switch is 3 phase, 4 wire, 120/128v 60hz, 400 amps/phase. Connection is with lugs. The house transfer panel, located adjacent to the company switch, permits control of 108 FOH circuits by road boards.

Current Audio Map:



In House Sound System:

Equipment:

Drive Systems:

Front-Of-House (FOH) Mixing System, with Optional Loge Position:

The FOH main mixing system can be used in either the center of the house orchestra level position, or in the alternate Loge position located in the house-right loge location. All required connections are accessible at either location.

- 1 Apple iPad Pro, 12.9"
- 1 Dell Optiplex7440 PC for system control & monitoring
- 1 Klark Teknik DN9650 network bridge
- 1 Klark Teknik KT-Dante64 Dante network module
- 1 Midas Pro X-CC-TP 56X16 I/O digital mixing console
- 1 Tascam CD500B 1RU CD player

Control Room mixing system:

- 1 OFE Allen&Heath GL-4000-24 analog mixing console
- 1 Dell Optiplex 7440 PC for system control & monitoring
- 1 OFE Electro-Voice push-to-talk paging microphone
- 1 pair JBL LSR4328P 2-way, bi-amped, 8" studio monitors
- 1 Oppo BDP-105D Hi-Def CD/DVD/Blu-Ray player

Stage monitor mixing system:

- 4 Clair Brothers WEDGE-PL left-side, passive, 2-way floor monitors
- 4 Clair Brothers WEDGE PR right-side, passive, 2-way floor monitors
- 1 Midas Pro 2-CC-PP 56X16 I/O digital mixing console

Lobby/House Inputs mixing system:

- 1 BSS London 326/806 DSP system

Back-stage paging system:

- 1 OFE push-to-talk paging mic
- 1 BSS London 326/806 DSP system

Amplification Systems:

Main Stereo, thrust stage, and delayed rear-balcony amplification system:

- 16 Crown I-Tech 4X3500HD 4-ch. network amplifiers
- 2 Crown I-Tech 5000HD 2-ch. network amplifiers

Tower, front-fill, and back-stage paging amplification system:

- 1 Crown DCi-2 | 600N 2-ch. network amplifier
- 1 Crown I-Tech 5000HD 2-ch. network amplifier
- 1 OFE Crown XTi 1002 2-ch. amplifier

Distributed lobby/house amplification system:

- 2 Crown DCi-600 2-ch. power amplifiers
- 1 Crown DCi-8200 8-ch. power amplifier

Stage floor-monitor amplification system:

Speaker Systems:

Main stereo proscenium speaker system:

- 20 VTX-V20 10" 3-way passive tri-amped line-array cabinets
- 12 VTX-S25 dual-15" passive cardioid subwoofer cabinets

Thrust-stage mono symphony accompaniment speaker system:

2 JBL AM7315-64 15" 3-way passive tri-amped (rotated) front audience coverage cabinets
2 JBL AM7212-64 12" 2-way passive full-range, side coverage cabinets
2 JBL AM7212-95 12" 2-way passive full-range, rear symphony monitor coverage cabinets
1 JBL ASB7128 dual 18" passive subwoofer cabinet

Portable front-fill speaker system:

6 JBL AC26 6" 2-way passive full-range cabinets

Tower-seating ceiling speaker system:

18 JBL Control 226B/T 6.5" passive co-axial, high-power ceiling speakers

Delayed rear-balcony speaker system:

3 JBL AM5212-00 12" 2-way passive full-range cabinets

Distributed lobby/house speaker system:

1 lot OSE JBL ceiling and Control series passive cabinets

Stage floor-monitors speaker system:

4 Clair Brothers WEDGE-PL 12" 2-way passive left-hand floor monitor
4 Clair Brothers WEDGE-PR 12" 2-way passive right-hand floor monitor
1 JBL AM5212-00 12" 2-way passive full-range drum-monitor cabinet
1 JBL VTX F18S 18" passive subwoofer drum monitor cabinet

Back-stage-paging system:

1 JBL 25AV 2-way 5-1/4" 70-volt cabinet
1 lot OSE 70-volt speakers

Stereo mixing-location monitor-speaker pair:

1 pair JBL LSR 308 2-way 8" powered studio monitor cabinets

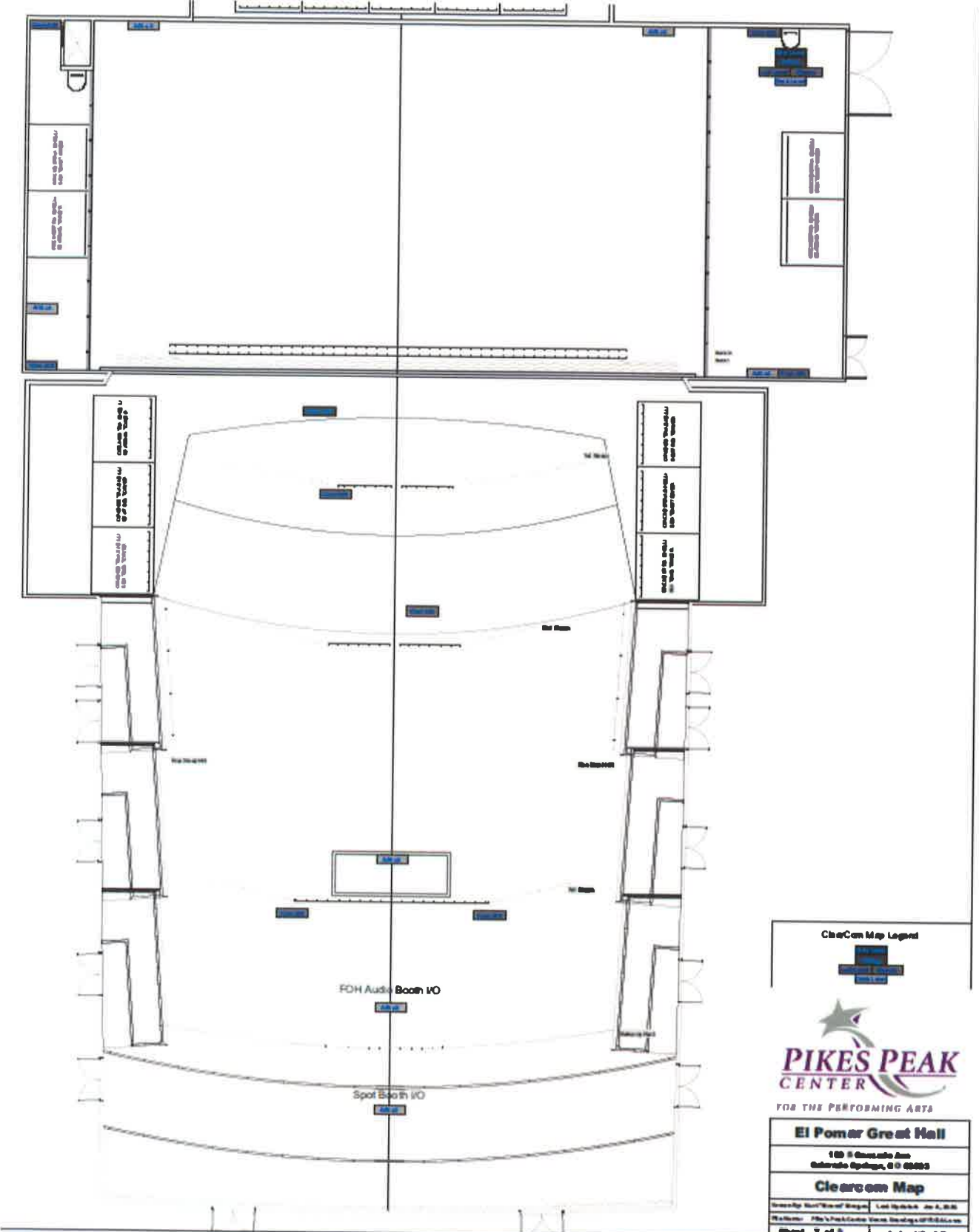
Microphone Compliment:

4 AKG C430 miniature condenser overhead/cymbal microphones
3 Audio Technica ATM 25 dynamic cardioid tom-tom drum microphones
2 Audio Technica U857Q gooseneck microphones
1 Audix D6 dynamic cardioid kick-drum microphone
2 Audix D2 dynamic hyper-cardioid rack-tom microphones
1 Audix D4 dynamic hyper-cardioid floor-tom microphone
1 Audix i5 dynamic cardioid snare-drum microphone
2 Audix ADX51 miniature condenser overhead cymbal microphones
4 Audix OM7 dynamic hyper-cardioid vocal microphones
1 pair Audix SCX25A large-diaphragm cardioid condenser piano microphone system
2 Beyer Dynamic TG V90R ribbon vocal microphones
4 Countryman H6 headset microphones (for Shure wireless belt packs)
2 Crown PZM 6LPB boundary condenser microphones
2 Crown PZM 160 boundary condenser microphones
4 EV RE20 dynamic instrument microphones
2 Shure Beta 52 dynamic kick-drum microphones
8 Shure KSM9 super/cardioid condenser vocal microphone modules (for Shure wireless system)
2 Shure KSM9 super/cardioid condenser vocal microphones
2 Shure KSM32 side-address large-diaphragm condenser instrument microphones
4 Shure MX185 lapel condenser microphones (for Shure wireless belt packs)
5 Shure SM57 dynamic cardioid instrument microphones
9 Shure SM58 dynamic cardioid vocal microphones
4 Shure SM81 cardioid pencil condenser instrument microphones

COMMUNICATIONS SYSTEM

The Pikes Peak Center is equipped with a Clear-Com communications system which allows paging, headset, and intercommunication to 27 stations located throughout the stage and auditorium. An audio monitor system originates sound from the stage and distributes it to the dressing rooms, backstage, lobby and control rooms.

Current ClearCom map:



ClearCom Map Legend



El Pomar Great Hall

100 S. Cascade Ave.
Colorado Springs, CO 80902

Clearcom Map

Created by: Matt 'Woody' Woogler Led System: JBL A, B, C

Platform: Pike's Peak Center Voice, Sound & Light

Sheet 7 of 8 Date: 10/10/07

Sound System Overview:

The sound system for the Great Hall of Pikes Peak Center consists of the following subsystems:

Drive Systems:

- 1) Front-Of-House (FOH) main mixing system, with optional Loge position
- 2) Control room mixing system
- 3) Stage monitor mixing system
- 4) Lobby/House-inputs mixing system
- 5) Back-stage paging system

Amplification Systems:

- 1) Main Stereo, thrust stage, and delayed rear-balcony amplification system
- 2) Tower, front-fill, and back-stage paging amplification system
- 3) Distributed lobby/house amplification system
- 4) Stage floor-monitor amplification system

Speaker Systems:

- 1) Main stereo proscenium speaker system
- 2) Thrust-stage mono symphony accompaniment speaker system
- 3) Portable front-fill speaker system
- 4) Tower-seating ceiling speaker system
- 5) Delayed rear-balcony speaker system
- 6) Distributed lobby/house speaker system
- 7) Stage floor-monitors speaker system
- 8) Back-stage-paging system
- 9) Stereo mixing-location monitor-speaker pair

Proscenium Sound System Configuration:

The standard configuration for the sound system is the Proscenium Configuration. It can employ all the speaker, drive, and amplification systems listed above with the exception of the thrust-stage mono symphony accompaniment speaker system.

Program Types:

This configuration is intended for the following program types:

- 1) High volume performances
- 2) Performances that can be positioned on the stage below and behind the proscenium
- 3) Performances that require most live sources to be reinforced with microphones

Proscenium Configuration Volume Limits:

The sound volume limit using the Proscenium Configuration is the OSHA standard for 2-hour exposure limit of 100 dBA, slow response, measured at the FOH mix position.

In the case of heavy rap/hiphop, or EDM (Electronic Dance Music), the client may want to supplement the Proscenium Configuration subwoofers with additional stage-stacked 18" subwoofer cabinets. The Pikes Peak Center does have (4) dual 18" subwoofer cabinets used primarily for Studio Bee that may be employed for these types of shows.

Visiting Performers will have access to overall graphic and/or parametric output equalization, as well as sourceEQ, compression, and limiting for the overall sound program, main, and monitor speaker systems. These parameters are accessible on the FOH digital mixing console, and the floor-monitor digital mixing console.

Crossovers, HPF/LPF, and driver alignment for the mains and monitor speaker systems, EQ, delay, and synchronized levels for speaker subsystems are not accessible to the guest audio technician. These speaker systems sound great right from the start and have been carefully aligned in time and level to the main speakers. Please take the time to critically listen to the system as is before requesting control over parameters that cannot be improved.

Proscenium Configuration Control Access:

Pikes Peak Center's Great Hall sound system has (2) system-control-access points. They are all-in-one PCs with a mouse and keyboard each, and are located at the audio control room, and the FOH digital mixing console in either the FOH or Loge positions. These control points provide the following primary functions:

- 1) Switching between the Proscenium and Thrust-stage configurations
- 2) Switching between L+R- or Aux-fed subwoofers
- 3) Muting and unmuting various speaker subsystems
- 4) Routing and level control of walk-in music sources
- 5) Making lobby/house pages via the paging microphone in the control room
- 6) Routing and un-routing the program feed into the back-stage paging system
- 7) Monitoring the health of the entire Great Hall sound system

Proscenium Configuration Back-Stage Paging:

Back-stage paging is simply done from the push-to-talk microphone at the stage manager's panel located on stage right, on the backside of the proscenium. The control access system routes and un-routes the program to the back-stage speakers, mixed with the back-stage pages.

Thrust-Stage Sound System Configuration:

The alternate configuration for the sound system is the Thrust-Stage Configuration. It can employ all the speaker, drive, and amplification systems listed above with the exception of the Main stereo proscenium speaker system.

This configuration is intended for the following program types:

- 1) Acoustic performances with no microphone-reinforced sources
- 2) Performances that can be positioned on the thrust stage in front of the proscenium
- 3) Primarily acoustic performances with minimally amplified accompanying sources

Thrust-Stage Configuration Acoustics and Volume:

The Thrust-Stage Configuration is intended for performances that take advantage of the acoustics in the Great Hall, as designed by Russell Johnson of Artec Consultants, Inc. ([https://en.wikipedia.org/wiki/Russell_Johnson_\(acoustician\)](https://en.wikipedia.org/wiki/Russell_Johnson_(acoustician))). In order to take advantage of the hall's acoustics, the primary program sources cannot be amplified using microphones. This amplification puts the majority of the sound of any source into the thrust-stage speaker system, thus altering the acoustic signature of those sources. Symphony orchestras will not be reinforced using microphones and speakers when using the thrust-stage configuration. Therefore, the maximum level of the unamplified symphony in the acoustic space is the program volume limit.

Accompanying sources, such as an announcer, pop vocalist, choirs, electric guitar, bass, keyboard, or drum kit can be amplified using microphones and direct inputs mixed into the thrust-stage speaker system located directly over the orchestra's thrust-stage. However, great care must be taken to ensure that the volume level of these amplified sources do not overwhelm the level of the orchestra or choir. Their amplified levels must be blended with the primary acoustic program source.

The maximum volume of the thrust-stage configuration will vary with each program, but will be in the range of 85-to-90 dBZ (flat) crescendos. Amplified accompanying sources should not be more than 5-to-10 dB louder in order to blend properly (95-to-100 dBZ).

Thrust-Stage Configuration Audio Parameter Access:
See the section *Proscenium Configuration Audio Parameter Access:* above.

Thrust-Stage Configuration Control Access:
See the section *Proscenium Configuration Control Access:* above.

Thrust-Stage Configuration Back-Stage Paging:
See the section *Proscenium Configuration Back-Stage Paging:* above.

Soft Goods:

Main Curtain

Located directly upstage of the proscenium, its operation is either motorized fly (50' per minute) or hand drawn from stage right. The main curtain is sage green in color and 86'W x 43'H.

Masking

8 sets of black velour legs (8'-9WX52'H)

5 black velour borders (65'WX12'H)

2 sets of black velour stage drapes (each panel is 28'-6WX43'H, 4 panels total)

Cyclorama/Scrim

1 Natural white Cyclorama (65'WX52'H)

1 Natural White Scrim (65'WX30H)

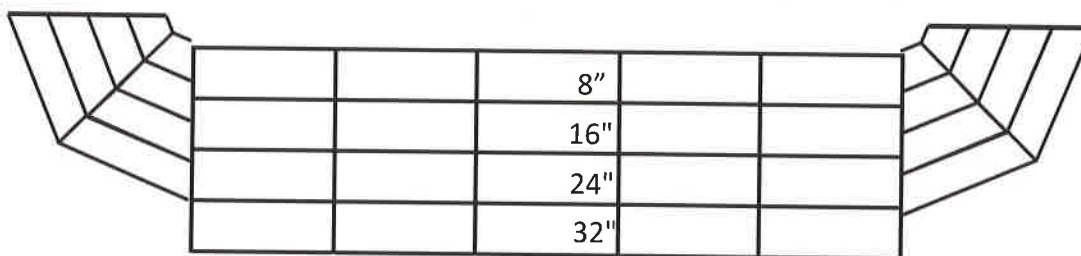
1 Black Scrim (65'WX30H)

Risers:

Wenger Trouper Seated Choral Risers:

Textured hard Black Surface: 3'x8' decks

Maximum Capacity Arrangement: 116 seats (Does not include space on ground in front of the riser)



Sico Risers:

Black top solid surface: 4'x8' decks

Variable height on legs from 8" to 48" from the top of the stage floor

Marley Dance Floor:

7 rolls

Dimensions: 5'3" x 65' each roll

Color: Brown on one side and Gray on the other

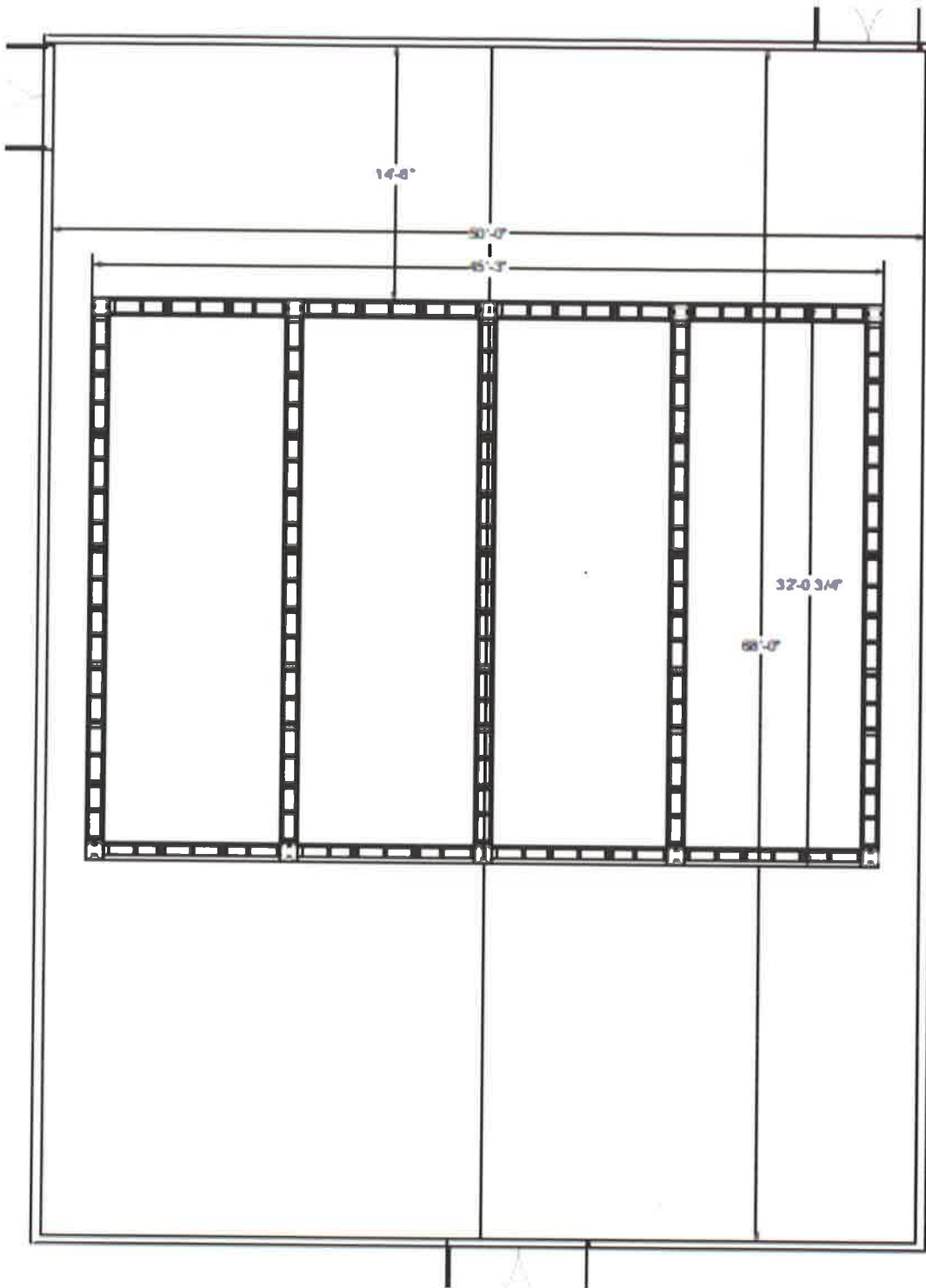
Composition: Vinyl

Weight: 130 lbs each roll

Pianos:

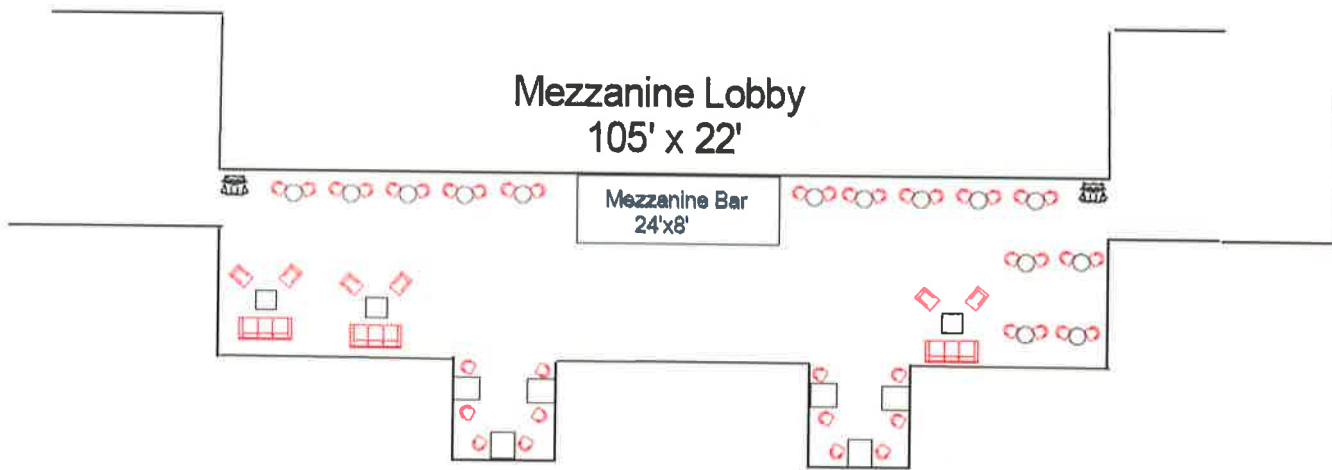
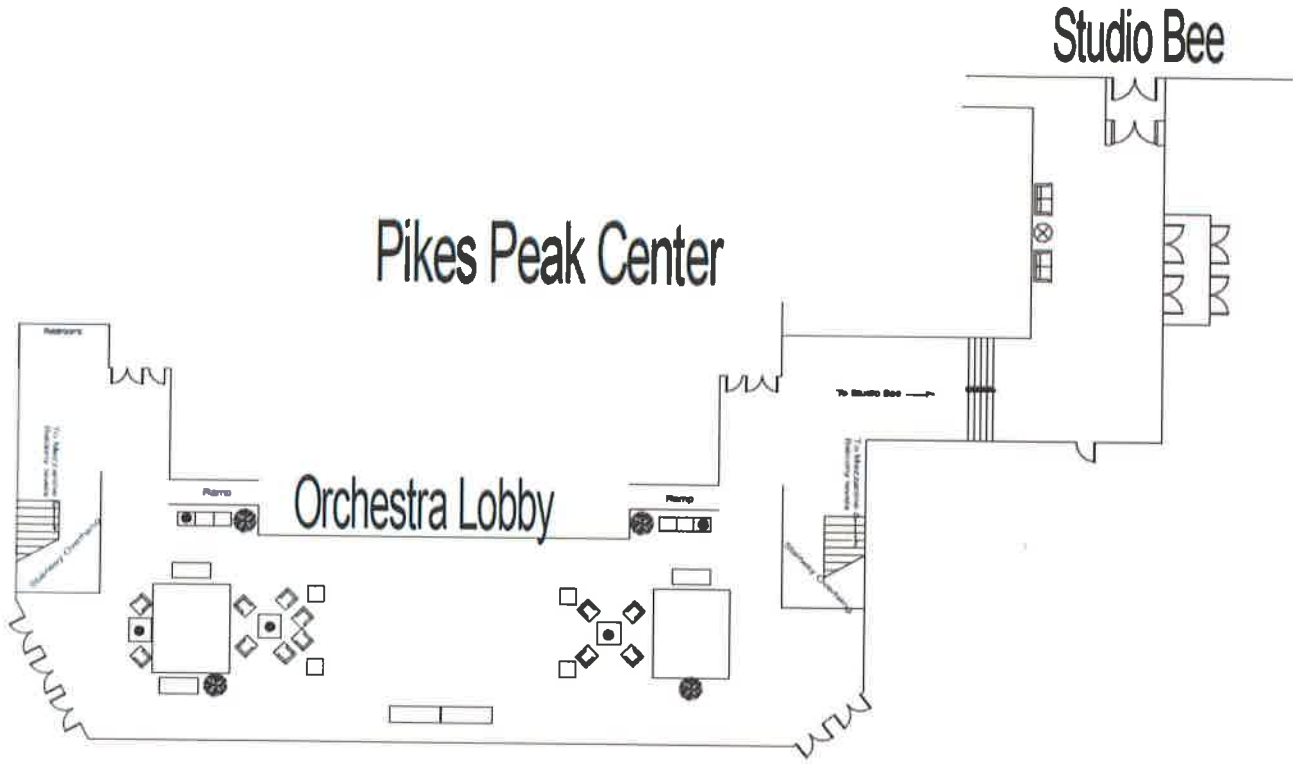
Steinway Concert Grand Piano
Baldwin Concert Grand Piano
2 Yamaha Upright Grand Pianos

Studio Bee Black Box Theater:



This 50'x68' space is surrounded by black velour drapes and features a moveable lighting grid. Studio Bee has a full theatrical lighting and sound system and it is a perfect setting for meetings, receptions, and intimate drama, music, and dance performances. Studio Bee features a beautiful, refinished wooden floor and a separate entrance, lobby, and restroom area from the Great Hall. A soundproof design permits Studio Bee activities to be held simultaneously with events in the Great Hall. Capacity is around 200 depending on the configuration.

Lobby Spaces:

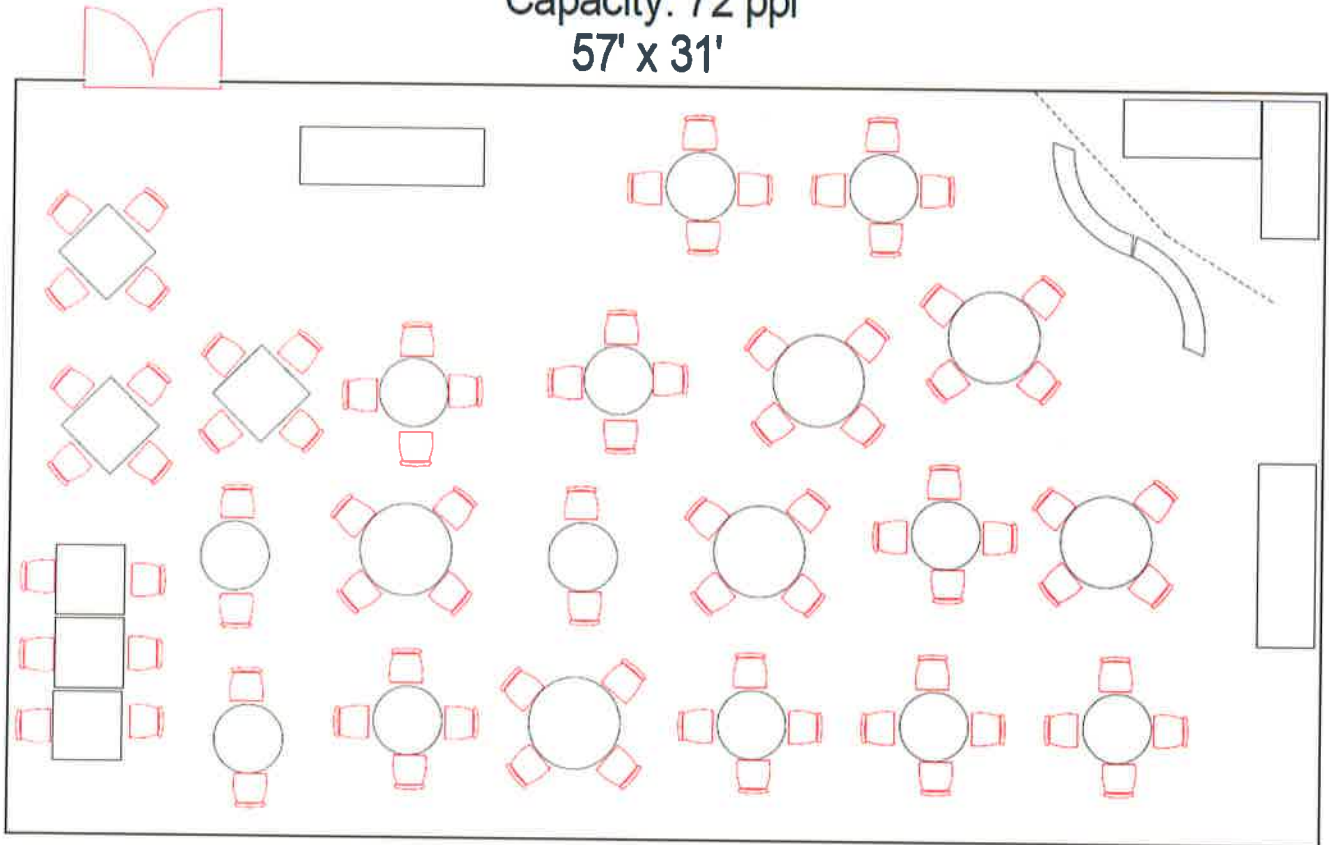


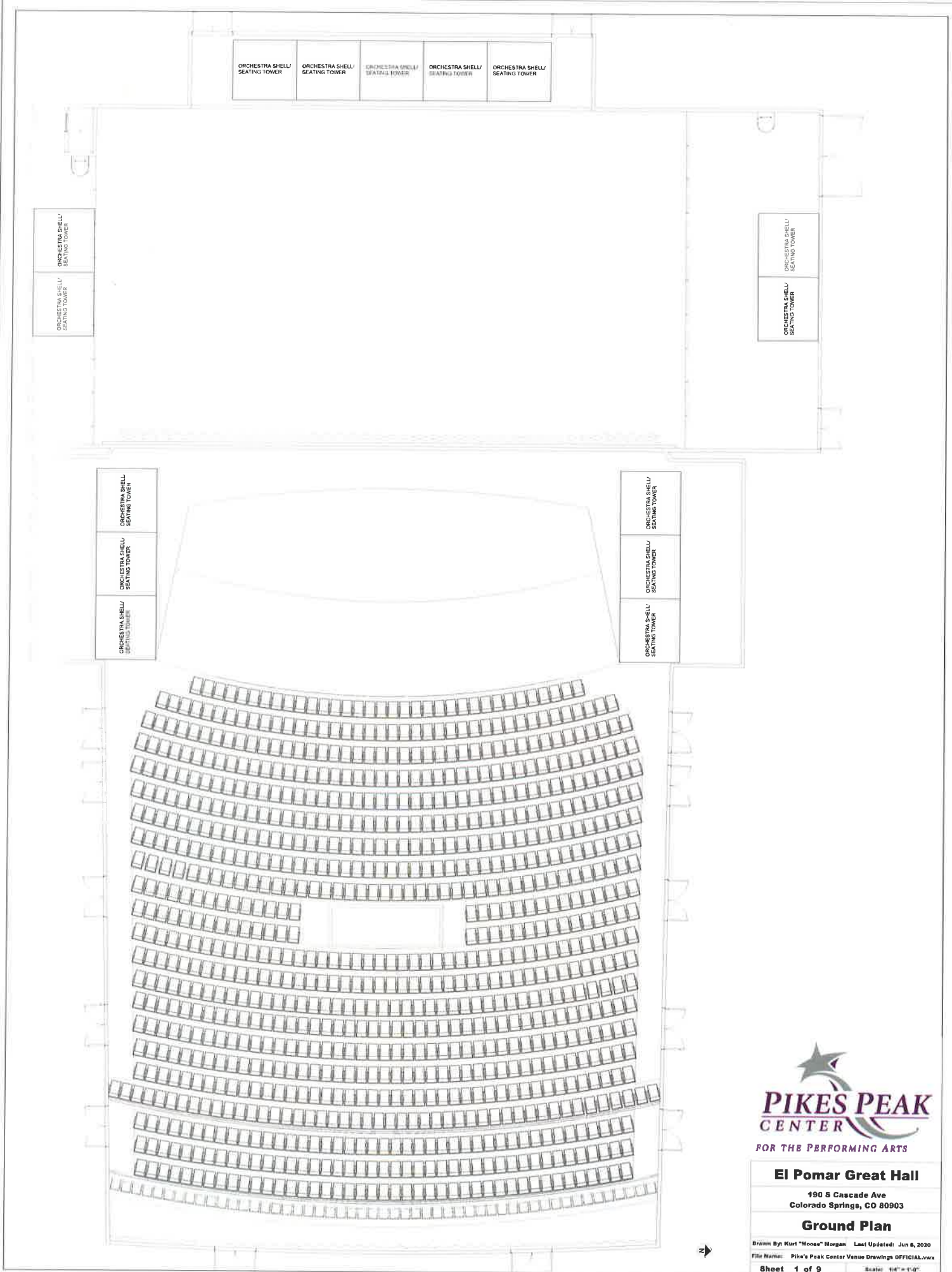
American National Bank Room:

On the Mezzanine level of Pikes Peak Center we have a room where we host parties and pre-show dinners.

ANB BANK Room

Capacity: 72 ppl
57' x 31'





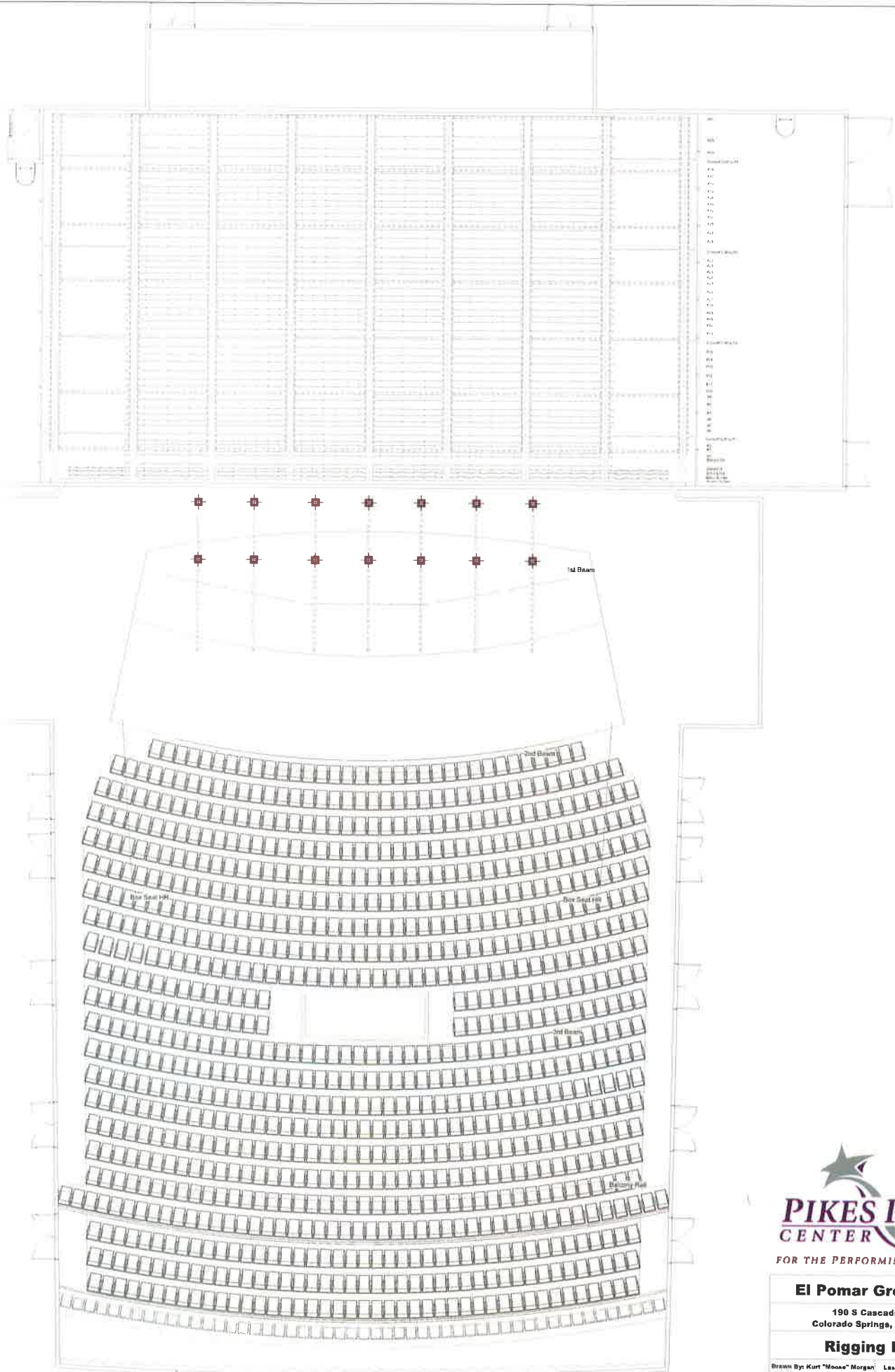
El Pomar Great Hall

190 S Cascade Ave
 Colorado Springs, CO 80903

Ground Plan

Drawn By: Kurt "Moos" Morgan Last Updated: Jun 6, 2020
 File Name: Pike's Peak Center Venue Drawings OFFICIAL.rvt





El Pomar Great Hall

190 S Cascade Ave
 Colorado Springs, CO 80903

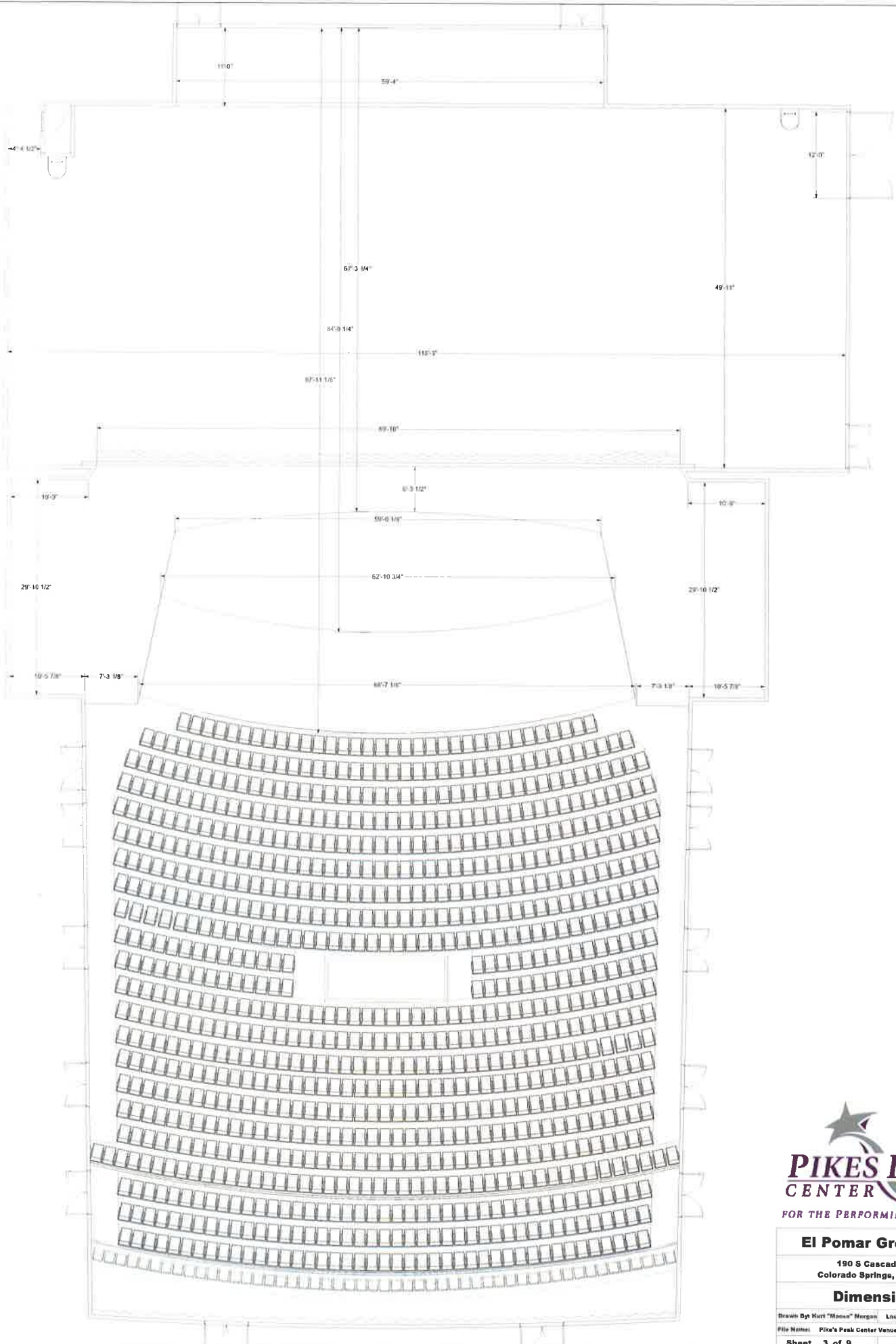
Rigging Plan

Drawn By: Kurt "Moosa" Morgan Last Updated: Jun 8, 2020

File Name: Pike's Peak Center Venue Drawings OFFICIAL.vwx

Sheet 2 of 9

Scale: 1/4" = 1'-0"

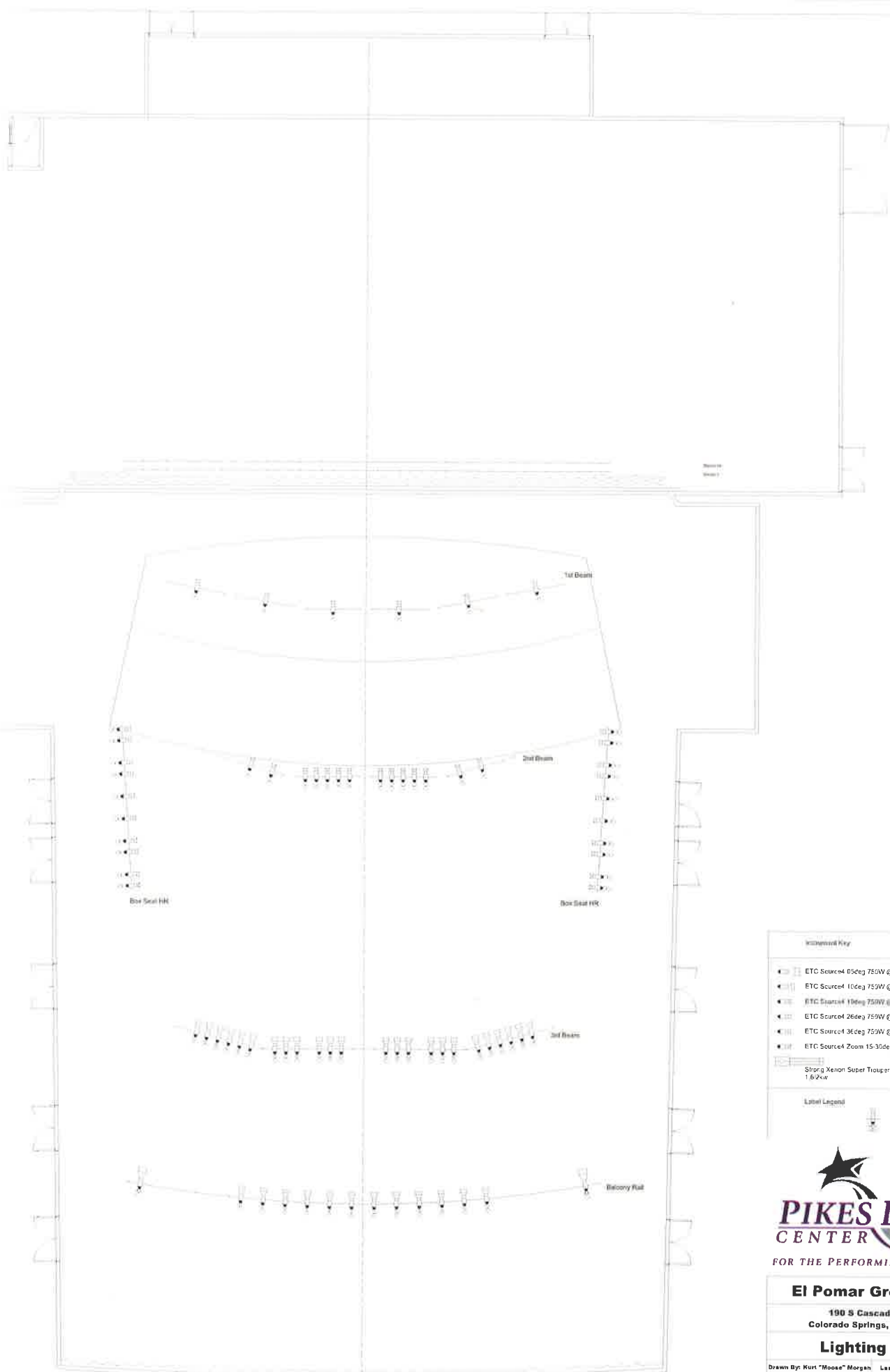


El Pomar Great Hall

190 S Cascade Ave
Colorado Springs, CO 80903

Dimensions

Drawn By Kurt "Moose" Mengel List Updated: Jun 8, 2020
File Name: Pike's Peak Center Venue Drawings OFFICIAL.vsw
Sheet 3 of 9 Scale: 1/4" = 1'-0"



Symbol Key

	ETC Source4 05deg 750W @ 750w
	ETC Source4 10deg 750W @ 750w
	ETC Source4 19deg 750W @ 750w
	ETC Source4 26deg 750W @ 750w
	ETC Source4 36deg 750W @ 750w
	ETC Source4 Zoom 15-30deg 750W @ 750w
	Strong Xenon Super Trusper (Long Throw) @ 1.62kw

Label Legend

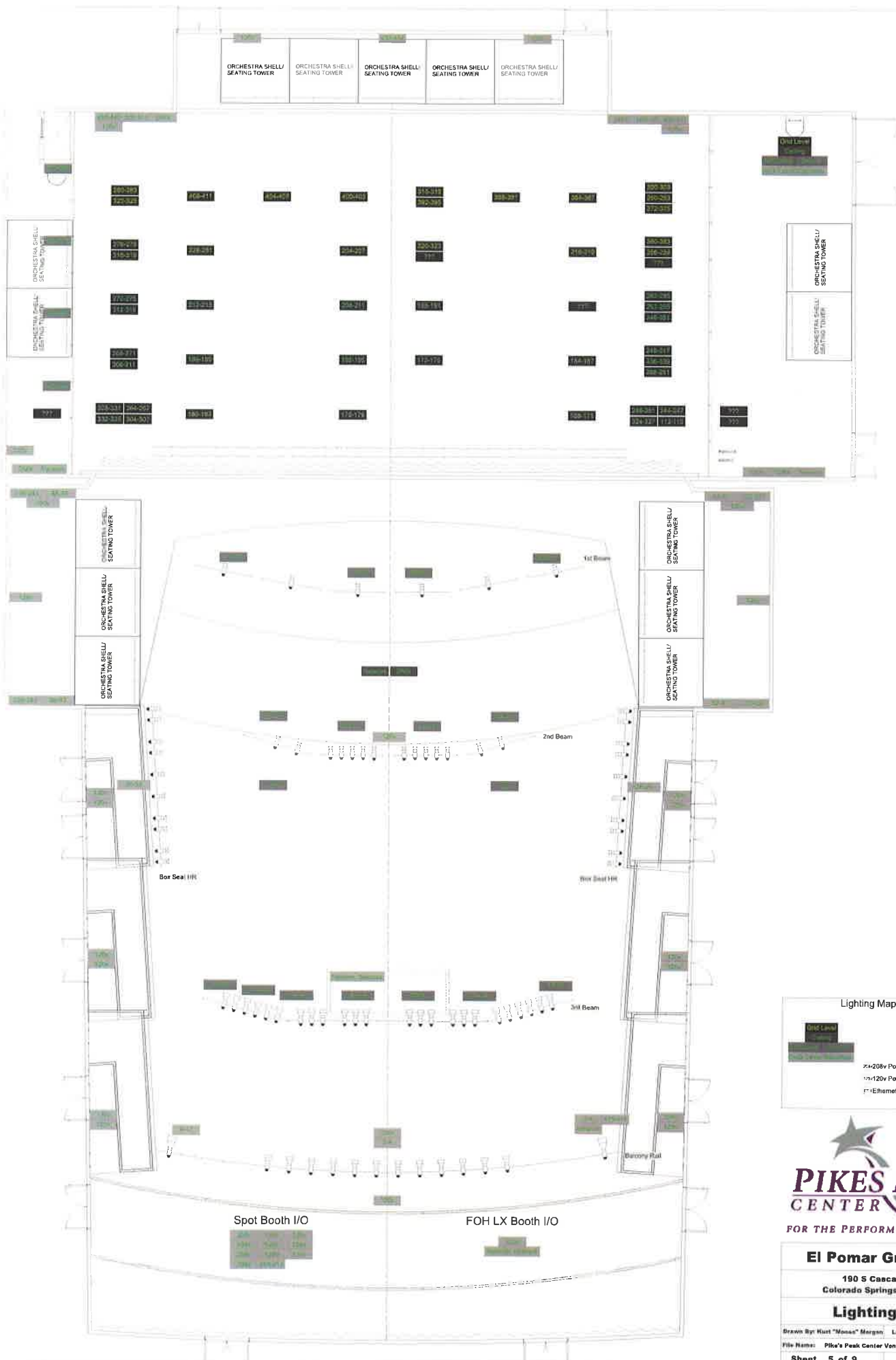
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El Pomar Great Hall
 190 S Cascade Ave
 Colorado Springs, CO 80903

Lighting Plot

Drawn By: Kurt "Moose" Morgan Last Updated: Jun 8, 2020
 File Name: Pike's Peak Center Venue Drawings OFFICIAL.vwx
 Sheet 4 of 9 Scale: 1/4" = 1'-0"



Lighting Map Legend



- 240V Power (breakers not considered)
- 120V Power (breakers not considered)
- Ethernet Port

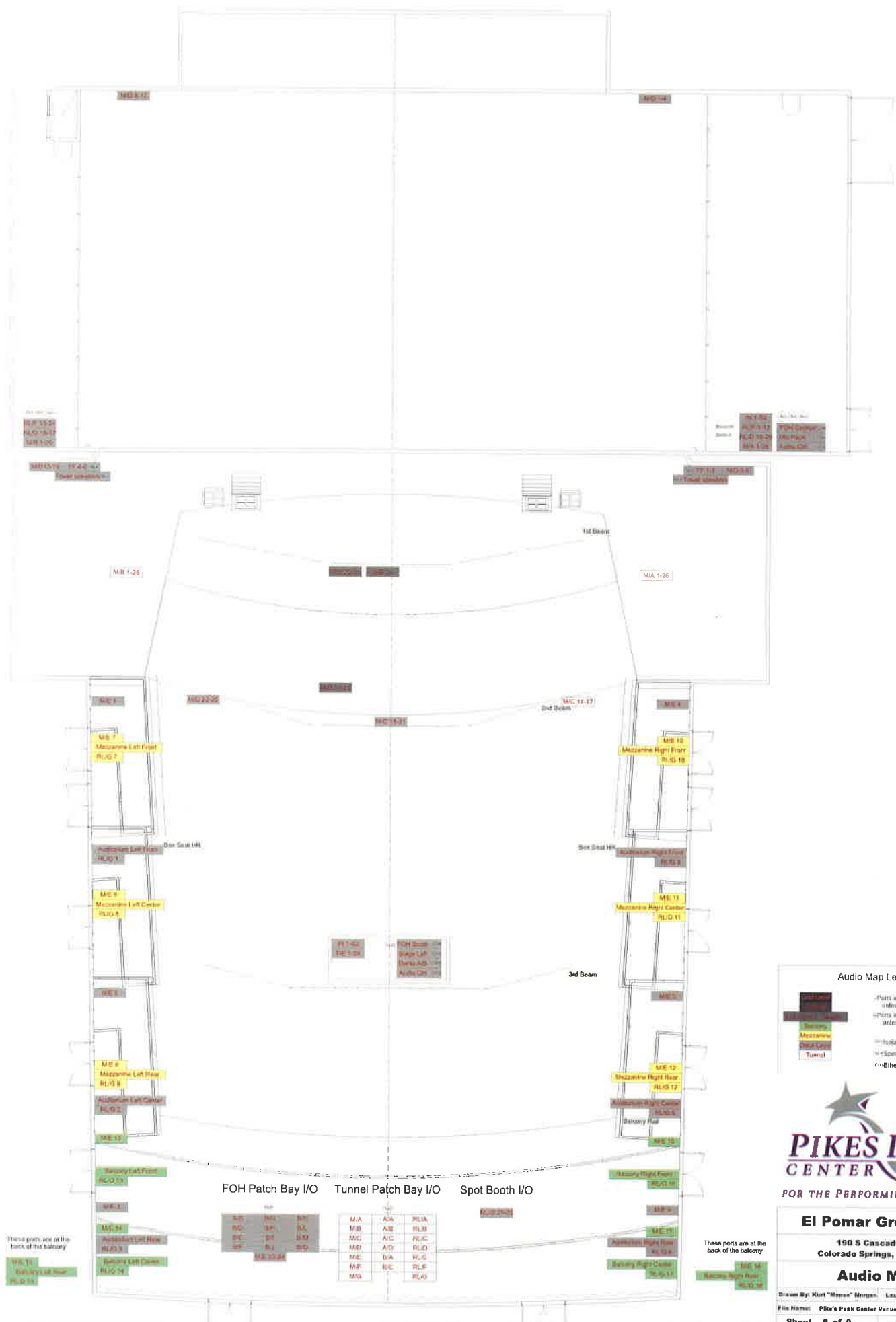


El Pomar Great Hall

100 S Cascade Ave
Colorado Springs, CO 80903

Lighting Map

Drawn By: Kurt "Moses" Morgan Last Updated: Jun 8, 2020
File Name: Pike's Peak Center Venue Drawings OFFICIAL.vwx



Audio Map Legend

- Points in this space are 36" unless otherwise noted
- Points in patch bays are 1/4" unless otherwise noted
- Isolated 120v Circuit
- Ethernet Port



El Pomar Great Hall

190 S Cascade Ave
Colorado Springs, CO 80903

Audio Map

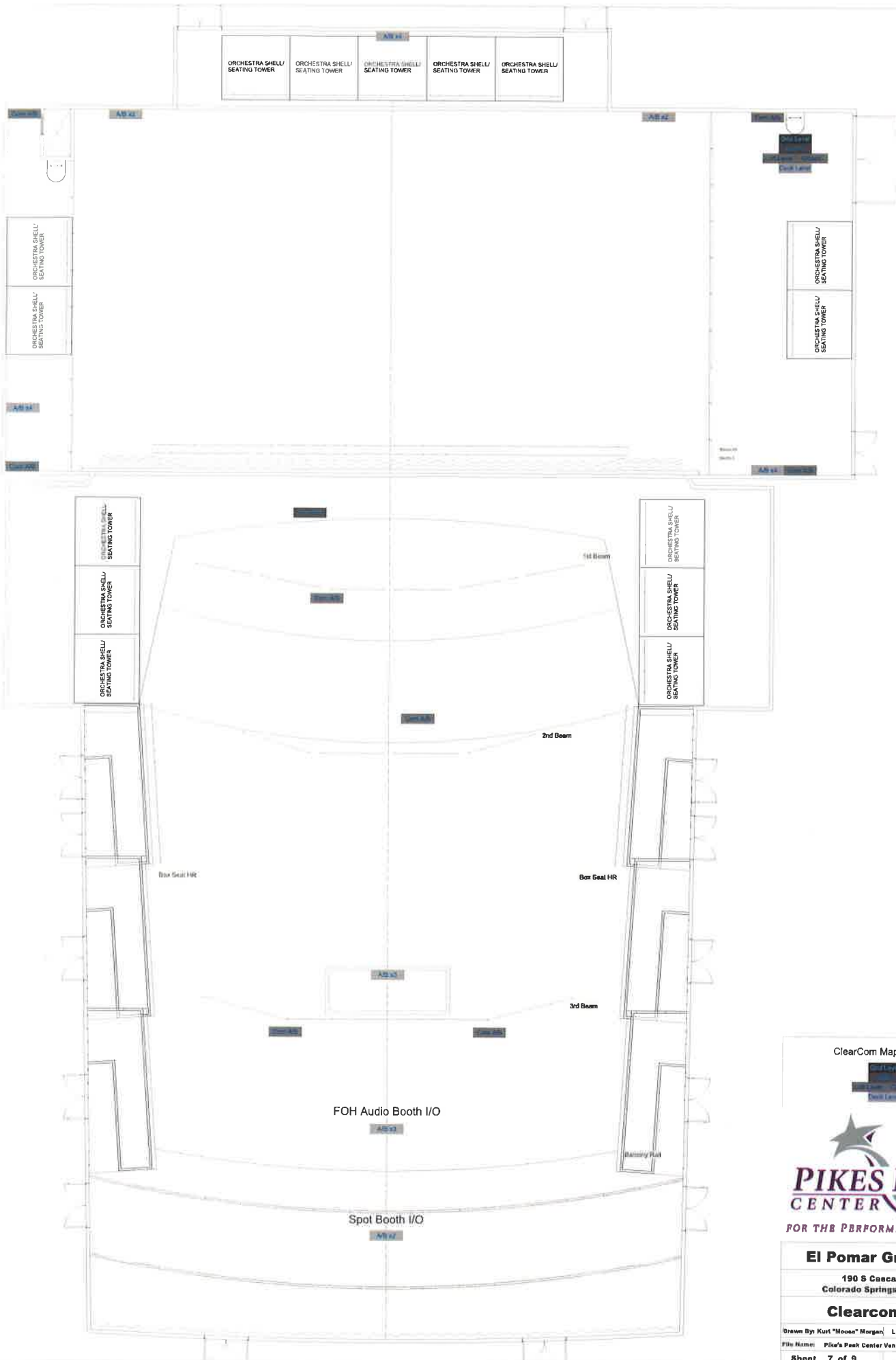
Drawn By Kurt "Moose" Mergen Last Updated: Jun 8, 2020
File Name: Pike's Peak Center Venue Drawings OFFICIAL.vsw
Sheet 6 of 9 Scale: 1/4" = 1'-0"

FOH Patch Bay I/O Tunnel Patch Bay I/O Spot Booth I/O

MIA	ASA	RLA
MIB	ASB	RLB
MIC	AIC	RLC
MID	AID	RLD
ME	D/A	RL/E
MF	B/C	RL/F
MNS		RL/G

These ports are at the back of the balcony

These ports are at the back of the balcony



ClearCom Map Legend

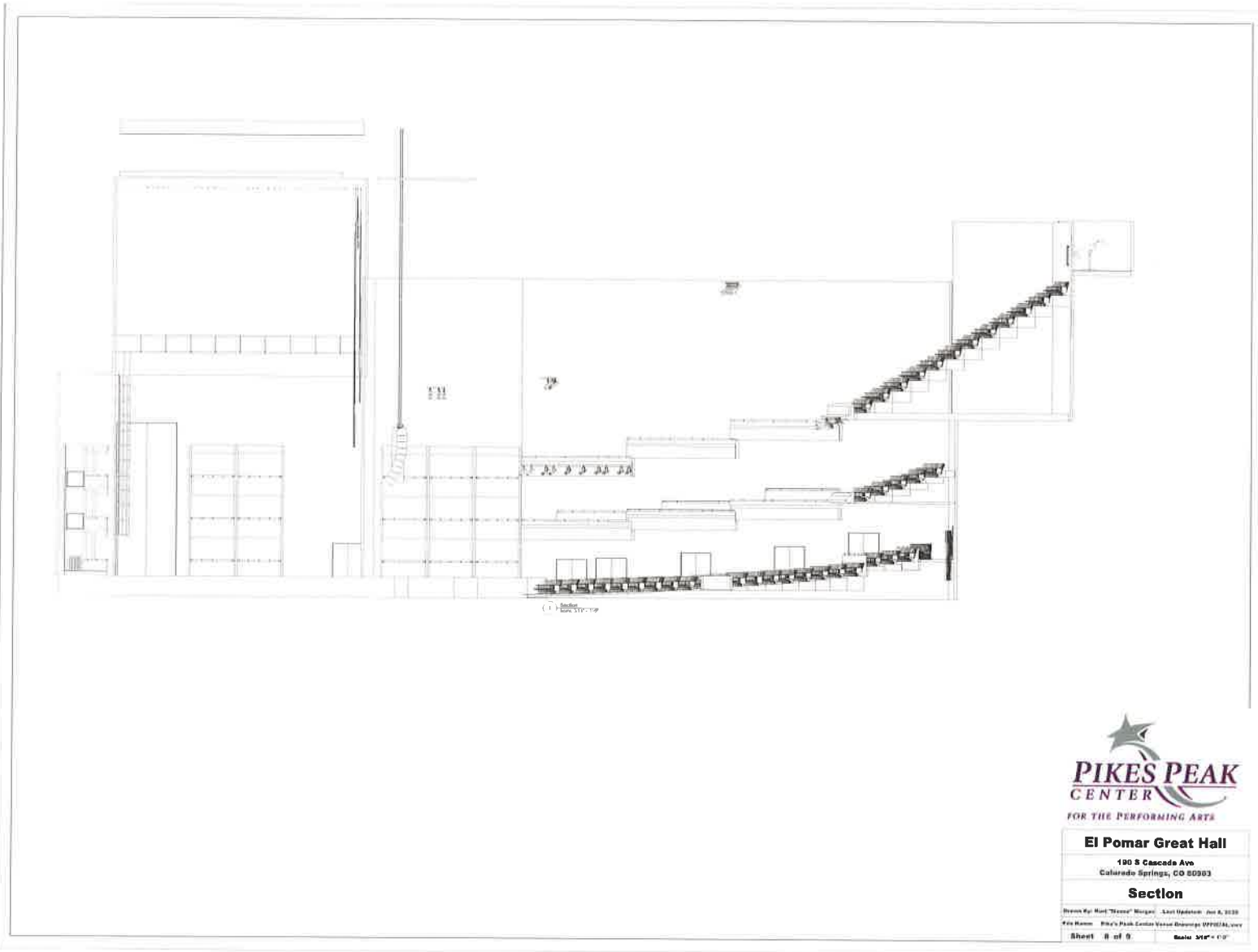
PIKES PEAK CENTER
FOR THE PERFORMING ARTS

El Pomar Great Hall
190 S Cascade Ave
Colorado Springs, CO 80903

Clearcom Map

Drawn By: Kurt "Moose" Morgan | Last Updated: Jun 8, 2020
File Name: Pike's Peak Center Venue Drawings OFFICIAL.vwx

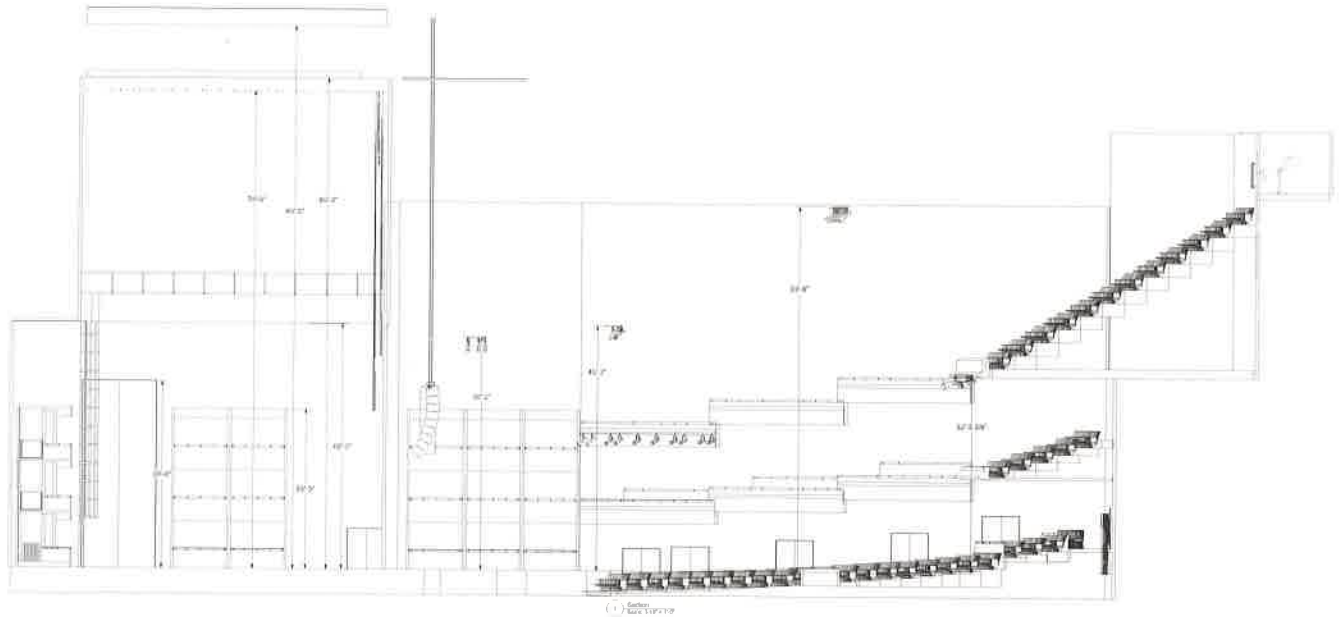
Sheet 7 of 9 | Scale: 1/4" = 1'-0"



El Pomar Great Hall
 190 S Cascade Ave
 Colorado Springs, CO 80903

Section

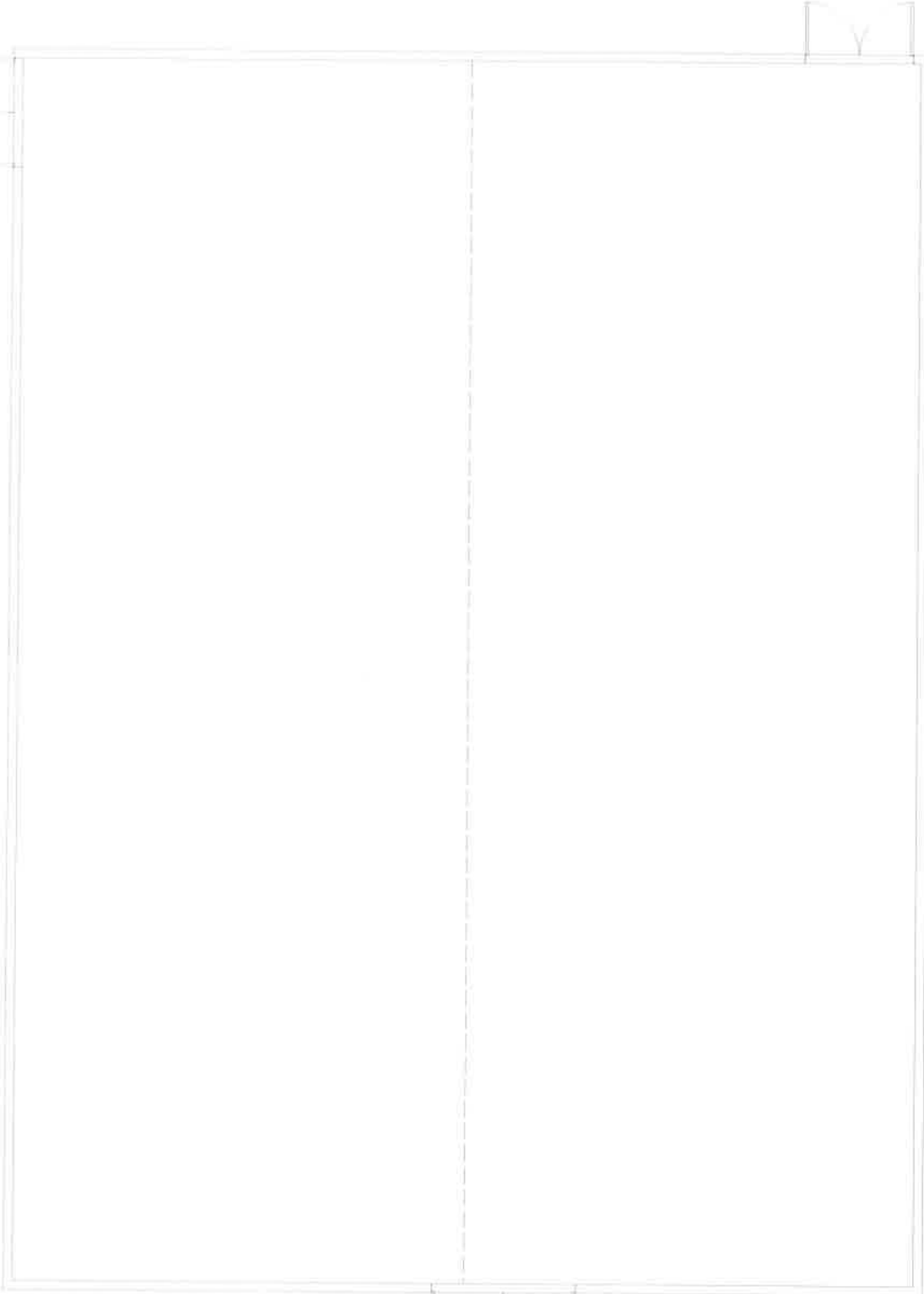
Drawn By: Matt "Tesser" Morgan Last Update: Jan 8, 2020
 File Name: Pike's Peak Center Visual Drawings 07/02/14.rvt
 Sheet: 8 of 8 Scale: 3/4" = 1'-0"



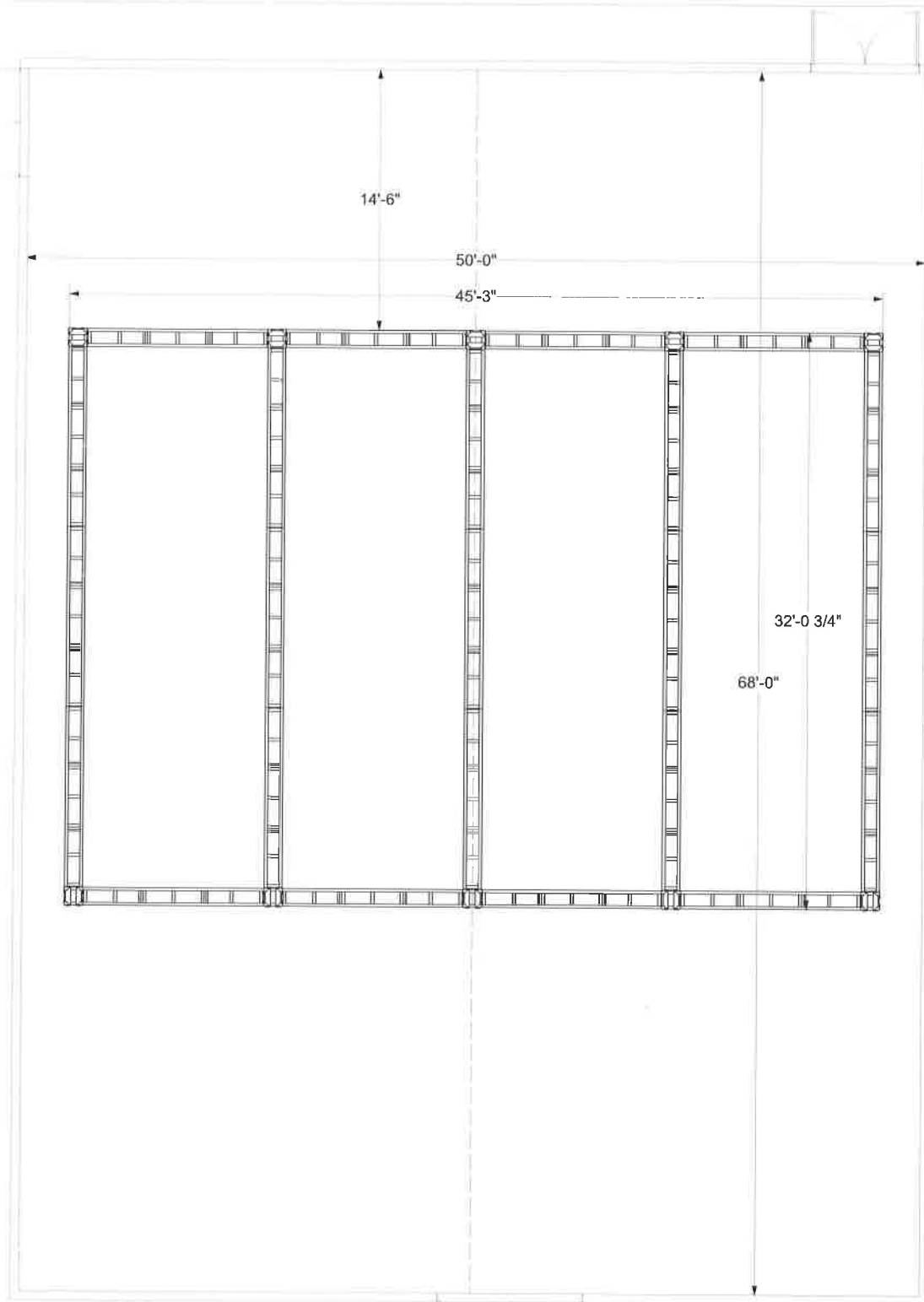
El Pomar Great Hall
 100 S Cascade Ave
 Colorado Springs, CO 80903


Section w/ Dimensions

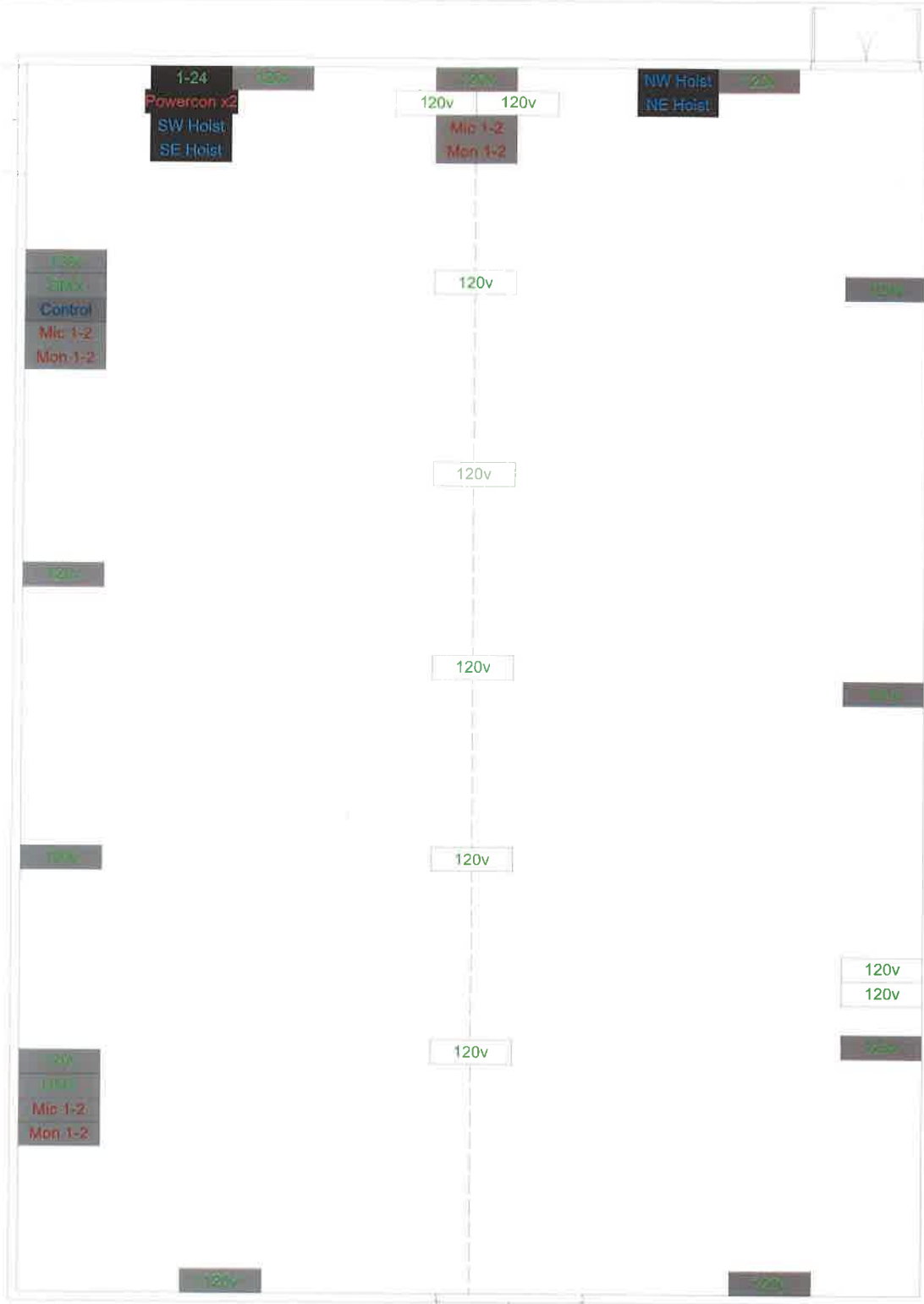
Drawn By: Brent "Honus" Morgan, Last Updated: Jan 8, 2020
 File Name: Pikes Peak Center Visual Drawings 0772121.dwg
 Sheet: 9 of 9 Date: 2/16/20



Studio Bee	
190 S Cascade Ave Colorado Springs, CO 80903	
Ground Plan	
Drawn By: Kurt "Moose" Morgan	Last Updated: Jun 8, 2020
File Name: Studio Bee New Drawings.vwx	
Sheet 1 of 7	Scale: 1/4" = 1'-0"



	Studio Bee	
	190 S Cascade Ave Colorado Springs, CO 80903	
	Ground Plan w/ Dimensions	
	Drawn By: Kurt "Moose" Morgan	Last Updated: Jun 8, 2020
File Name:	Studio Bee New Drawings.vwx	
Sheet	2 of 7	Scale: 1/4" = 1'-0"

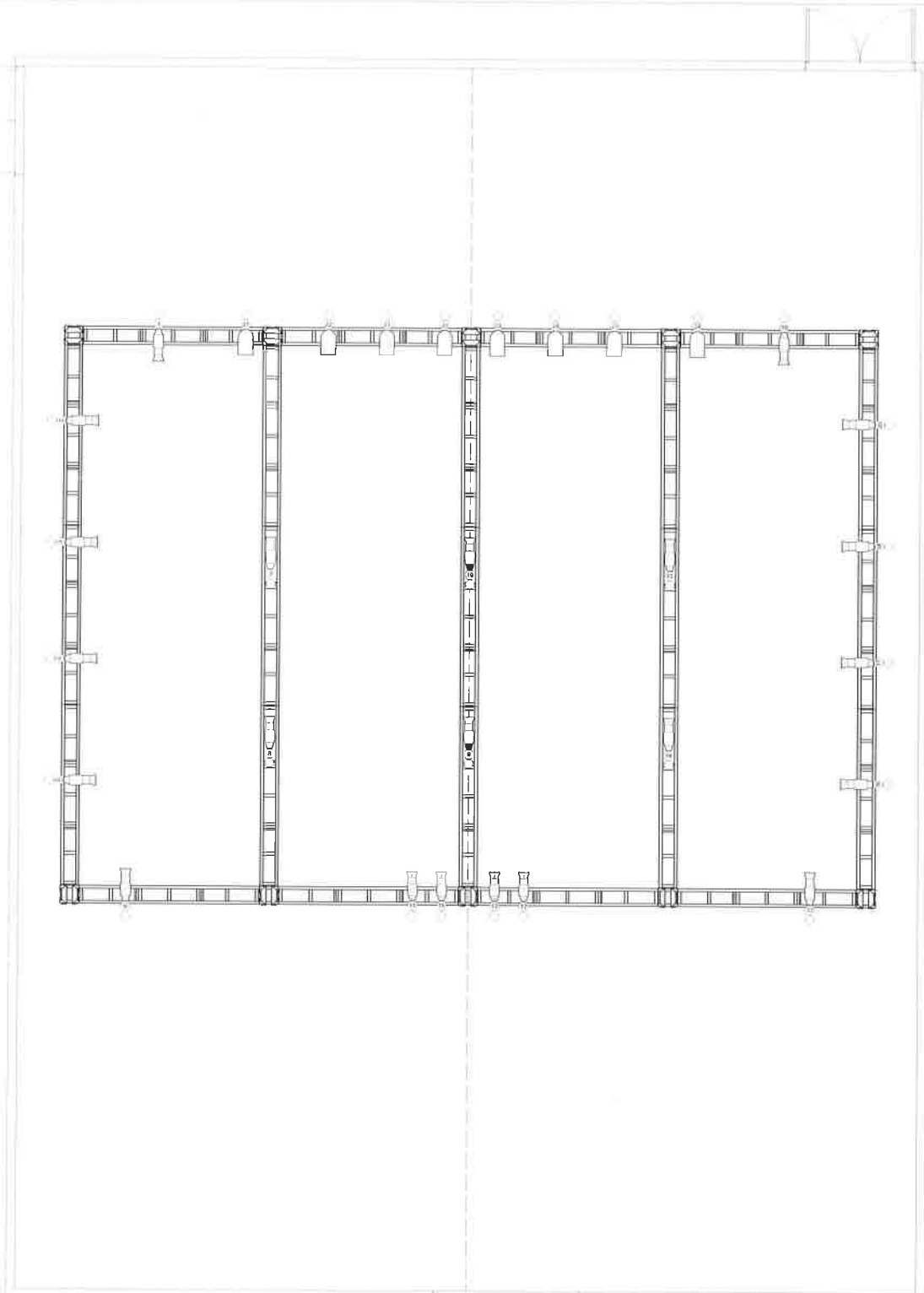


I/O Map Key

- Grid Level
- 120v
- Pocket
- Lighting/
Power
- Grid Level
- Bag Level
- Audio
- Grid Level
- Rack Level
- Rigging

**PIKES PEAK
CENTER**
FOR THE PERFORMING ARTS

Studio Bee	
190 S Cascade Ave Colorado Springs, CO 80903	
I/O Map	
Drawn By: Kurt "Moose" Morgan	Last Updated: Jun 8, 2020
File Name: Studio Bee Venue Drawings OFFICIAL.vwx	
Sheet 3 of 7	Scale: 1/4" = 1'-0"



Symbol Key

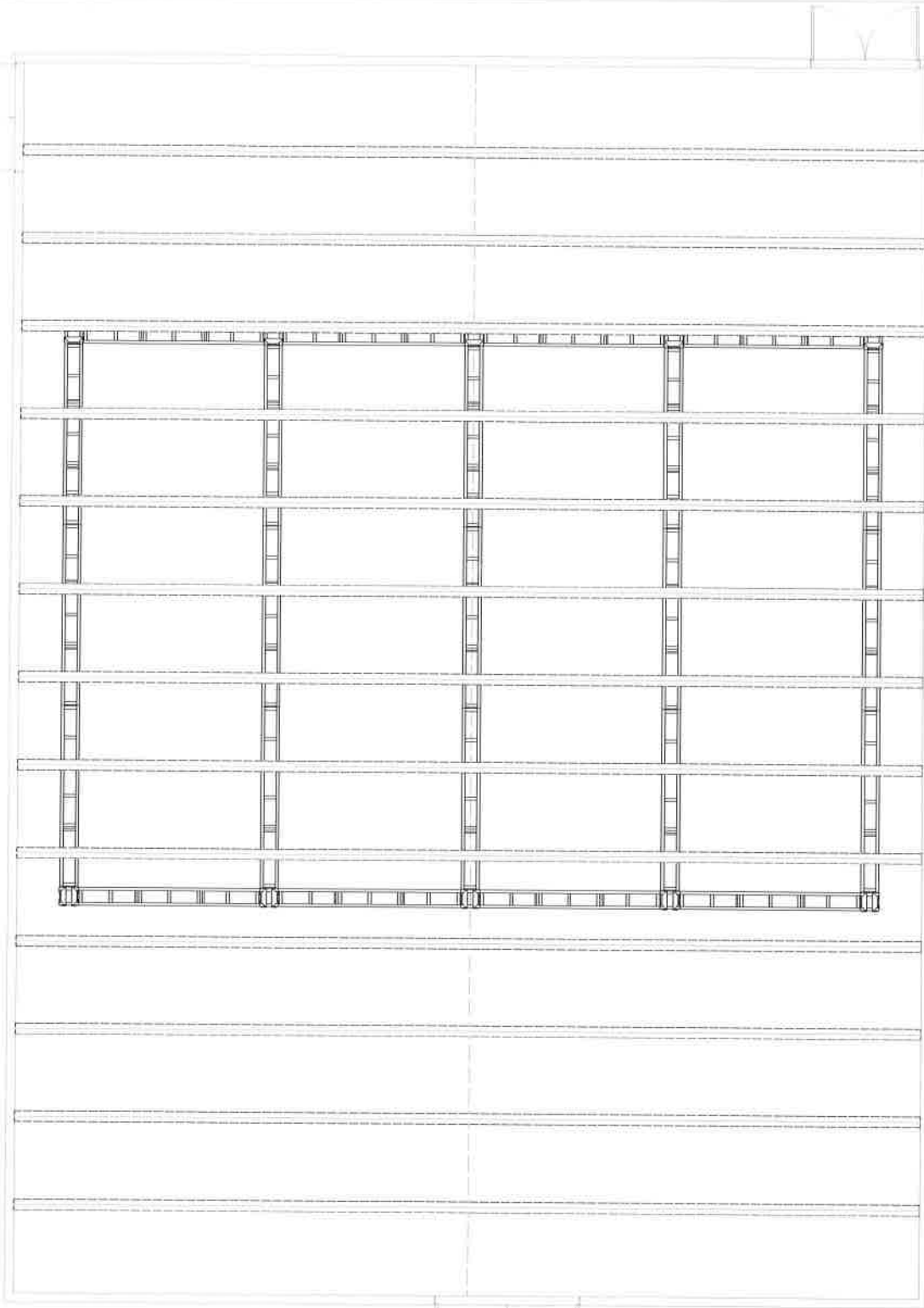
- Altman PAR 64 1KW
- ETC Source4 26deg @ 575w
- ETC Source4 36deg @ 575w
- ETC Source4 36deg 750W @ 750w
- ETC Source4 Jr Zoom @ 575w

Label Legend

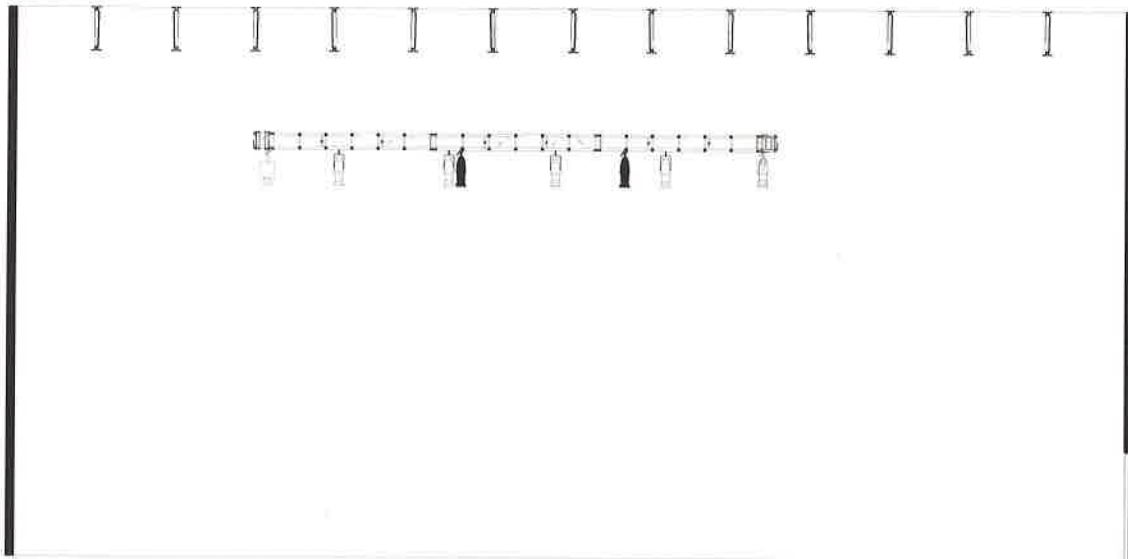


PIKES PEAK
CENTER
FOR THE PERFORMING ARTS

Studio Bee	
190 S Cascade Ave Colorado Springs, CO 80903	
Lighting Plot	
Drawn By: Kurt "Moose" Morgan	Last Updated: Jun 8, 2020
File Name: Studio Bee New Drawings.vwx	
Sheet 4 of 7	Scale: 1/4" = 1'-0"



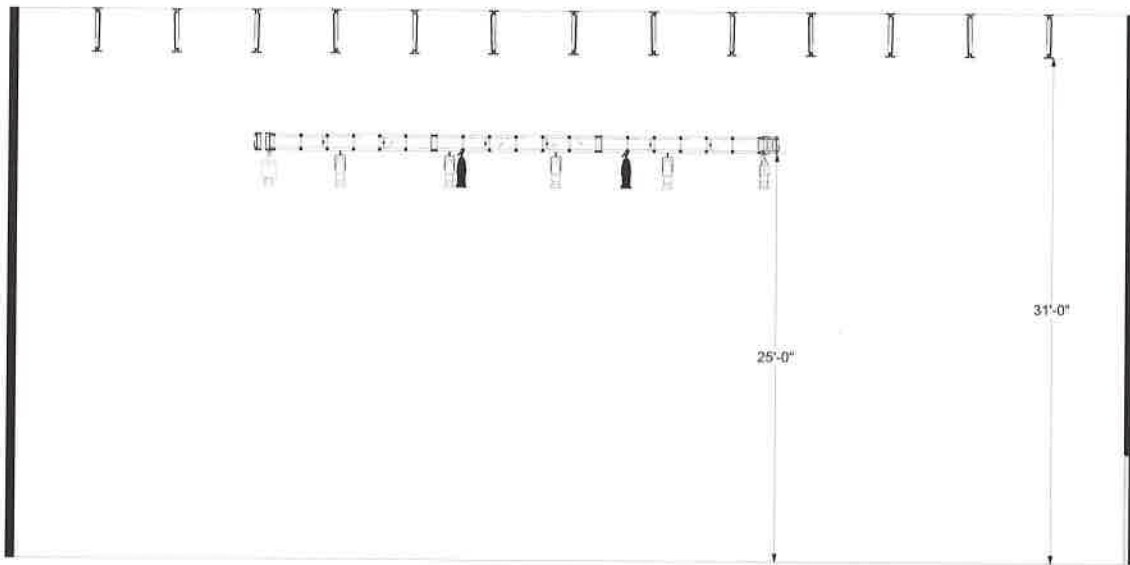
Studio Bee	
190 S Cascade Ave Colorado Springs, CO 80903	
Rigging Plan	
Drawn By: Kurt "Moose" Morgan	Last Updated: Jun 8, 2020
File Name: Studio Bee New Drawings.vwx	
Sheet 5 of 7	Scale: 1/4" = 1'-0"



1 Section
Scale: 1/4" = 1'-0"



Studio Bee	
190 S Cascade Ave Colorado Springs, CO 80903	
Section	
Drawn By: Kurt "Moose" Morgan	Last Updated: Jun 5, 2020
File Name: Studio Bee New Drawings.vwx	
Sheet: 6 of 7	Scale: 1/4" = 1'-0"



2 Section w/ Dimensions
Scale: 1/4" = 1'-0"



Studio Bee	
190 S Cascade Ave Colorado Springs, CO 80903	
Section w/ Dimensions	
Drawn By:	Kurt "Moose" Morgan
Last Updated:	Jun 8, 2020
File Name:	Studio Bee New Drawings.vwx
Sheet	7 of 7
Scale:	1/4" = 1'-0"