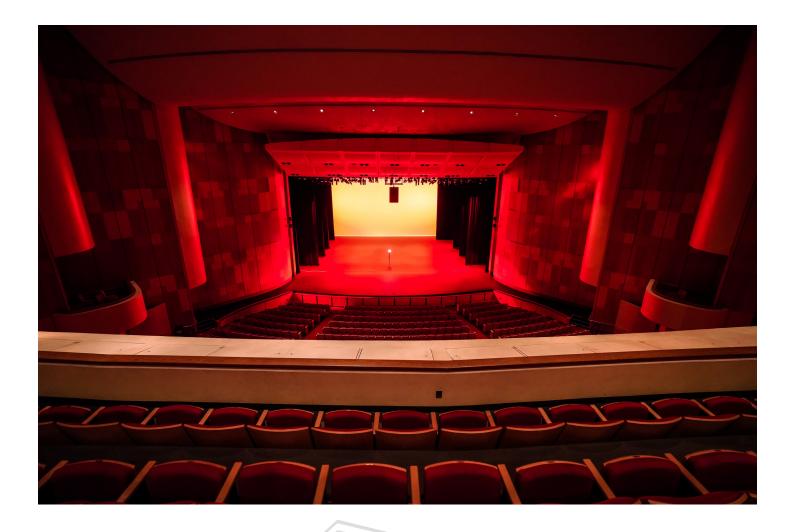


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Room Specs, Stage Equipment & Rigging

Room Specifications

Relevant Measurements:

- Projection Room to Grand Drape: 146'7"
- Sound Room Rack to Grand Drape: _____139' Sound mix position dimensions _____11' Wide X 8'9" Deep
- Lip of Balcony to Grand Drape: _____88'1"
- Proscenium Opening: _____57'11" Wide X 30' High
 Width of Stage(wall to wall): _____106'
- Total Floor Area: 6,069 Sq.Ft.
- Height of Gridiron:
 <u>89</u>'
- Plenum Cable Run: _____ 250'(DSR or DSL to BOH audio mixing booth)
- The Stage Door & Loading Dock are located off 2nd Street just north of Washington. The dock accommodates two 53' trucks. The south bay is truck height and is equipped with an elevator platform (6'x10'footprint), with a 9'10x11' door. The North bay is a street height dock, with a 9'10"x14'1" door. Note the dock is on an incline. The loading dock area is for loading and unloading of equipment only. General parking in the loading dock for attendees & staff is strictly prohibited.

Working Area:

- 48' Wide X 28' High X 48' Deep
- Working Area: 2,544 Sq.Ft.
- Working Depth Including Forestage: 53', Including Orchestra Lift 65'
- Width of Orchestra Lift (upstage side) 47'11"
- Wenger Orchestra Shell Area inside 2,015 Sg.Ft
- Floor loading may not exceed 150lbs per square foot.

Stage Equipment

Lighting System & Equipment see Pg.6

Audio System & Equipment see Pg. 7

Equipment at no charge:

- (Labor costs apply for setup & strike.)
 - Orchestra Shell (Walls &Ceiling)
 - 5 sections of three row Choral Risers (W/ optional fourth row & rear railing.)
 - → 38 Wenger 4'x8', 44'x4' Stageright[™] Platforms with 8",16",24" legs & Skirting
 - 100 Music Stands & Stand Lights

Pianos (rental fees apply):

- Steinway Ebony Grand Model D (1)
- Steinway Ebony Upright Model K (2)
- Grand Piano Kawai Model K6-3C (1)

Follow Spots (rental fees apply)

Lycian 1290 2k Follow spots (3)

Company Switches:

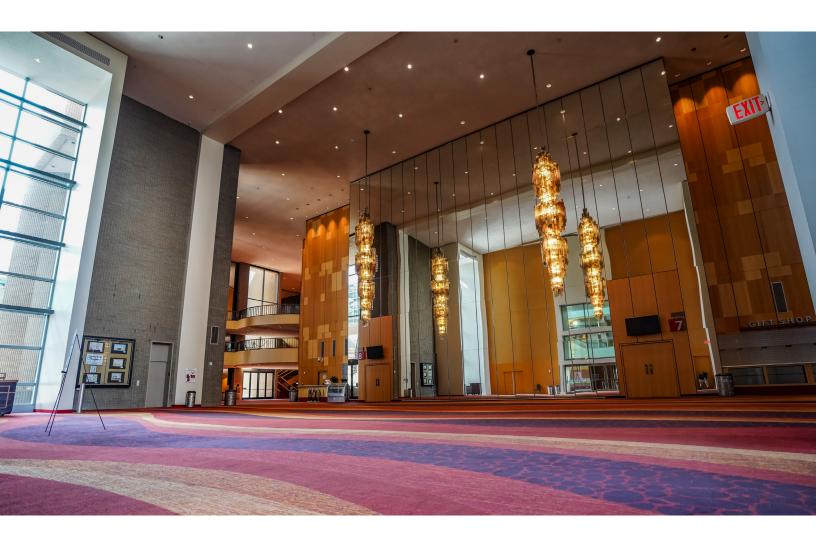
- Upstage Right
 - (3) 3/phase/5wire/400amp/leg-120/208vac Cam-Lok females
 - (1) 3/phase/5wire/200amp/leg-120/208vac Cam-Lok females
- DownstageLeft
 - (1) 3/phase/4wire/100amp/leg-120/208vac Cam-Lok females

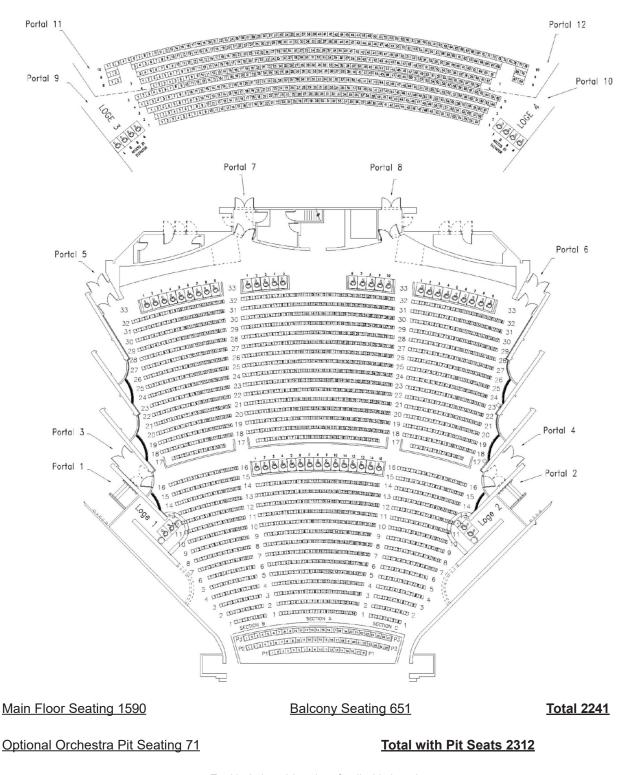
Soft Goods & Rigging

(For Line set schedule & more details see pg 8)

- 1 Grand Drape: KM Mill's 32oz velour in regal red with 100% fullness
- 1 Matching valence with no fullness.16' high
- 1 House curtain: 32oz, black, 100% fullness
- 1 Matching valence, 100% fullness. 16' High
- 8 Sets of Legs 8 border curtains black velour
- 1 Black blackout curtain with no fullness
- 3 Sharks tooth scrims 1 white, 2 black Cyclorama 38' high X 72' wide - natural color, with seamed construction.

- Intermediate traveler black velour with 100% fullness
- 53 Single purchase counter weight batten sets 66' long
- 7 Electric and border light pipes
- 2 Side Electrics
- Locking rails stage right at stage level and Fly Floor
- Fly Galleries 34' above stage with Pin Rails on left and right Connecting crossover catwalk upstage.





Total includes 59 locations for disabled seating This drawing is available in a larger format. Your event manager or ticketing representative can assist you with all of your seating/ticketing needs.

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General Policies & Procedures

General notes

- A Production Coordinator will work with you to assess your production needs, and provide estimates for Stage hand Labor, ProductionServicesSupporthourlycosts,Equipmentrentalcosts,StageDoorGuard, and Loading Dock
- Security Guard costs.
- There must be a Production Services staff member onsite to direct and supervise work OF ANY KIND.
- City of Phoenix staff will not perform repair work on client equipment, except where life safety is involved or to prevent property damage.
- You are liable for any damages that occur during your occupancy of the building. -
- Phone lines, and internet access may be arranged, contact your production coordinator for more information.
- Additional building rules and regulations can be found in the facility guide provided with your contract.

Food & Parking

- See pg.18 of the Facilities Guide for catering requirements and guidelines.
- Parking in Downtown Phoenix can be limited at times. Parking meters are active everyday of the week from 8am until 10pm. Meter rates may vary with event activity. See: http://www.downtownphoenix.com /map for up to date parking and major event info.
- There are several parking garages in the area. Their rates vary depending on event activity. Arrangements can be made for trailer parking at an offsite, fenced yard. Ask your production manager for details and maps.

StageHouse:

- All scenery, backdrops, fabric etc. must be treated with flame retardant. A current stamp or sewn on certification must accompany all goods. Goods without certification will be subject to open flame testing.
- Any pyrotechnic, or open flame effects of any kind, must be cleared by your assigned Production Manager and our on-site Fire Marshal at least two weeks prior to your event.
- City ordinance does not permit smoking **anywhere** in the building.
- You may not block the fire curtain, exits, fire extinguishers or fire hose cabinets at anytime.
- Technical equipment may NOT be placed to interfere with accessible seating.
- You are required to fill all holes drilled in the stage floor. Drilling of holes requires approval of Symphony Hall Theater Technical staff
- The stage is required to be left "Broom Clean". Excessive dirt may require the stage to be wet mopped at your expense after load out.
- Personnel Lifts are to be operated as described by the manufacturer.
- Hard hats are required for any one on stage while riggers are working at height. The City of Phoenix does not furnish Personal Protective Equipment to clients.

Lighting & Sound

- The only positions for lighting and sound consoles in the house are at the rear of the house, or in the control booth.
- Some of our lighting instruments and drapery may be moved to accommodate your show. You will be required to restore them to their original position at the close of your show.
- The Phoenix Convention Center preferred audio visual contractor can assist you with your audio visual needs and equipment at Symphony Hall. Contact your Production Coordinator for details.

Auditorium

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- Camera locations and any other temporary gear locations must be approved by your production coordinator.
- Nothing may be placed in the aisles.
- We do not allow food or beverages on the stage or in the house. (Water bottles with closable lids only.)
- We do not have storage facilities and therefore can not accept early delivery of any of your equipment, nor can we keep it for you after the conclusion of your rental.All equipment must be removed from the building immediately following your last performance or meeting. We cannot be held responsible for any abandoned equipment.

Lighting Equipment Inventory & System Information

Lighting Fixtures

- 94 ETC Source 4 Ellipsoidal Bodies
- 100 ETC Source 4 Lustr 2 Ellipsoidal Bodies
- 230 Total number of ETC Source 4 Barrels
 - 25 Source 4 Ellipsoidal 10º Barrels
 - 80 Source 4 Ellipsoidal 19º Barrels
 - 60 Source 4 Ellipsoidal 26º Barrels
 - 42 Source 4 Ellipsoidal 36º Barrels
 - 23 Source 4 Ellipsoidal 50° Barrels
- ▶ 59 ETC Source 4 PAR with 575w lamp bases
 - VNSP, NSP, MFL, WFL lens kits for each unit.
- 74 ETC D60 Lustr+
 - VNR, NR, MR, WR, NO, MO, WO lens kits for each unit.
- 18 ChromaQ Color Force II 72
- 3 Lycian 1290 XLT 2k Xenon follow spots

Conttrol & Distribution

- Control: A Closed lighting network with a 1 gigabit through put backbone and wireless access point in the house connects:
 - 2 GIO 6k Consoles running v2.9.2
 - (Updates will be installed at our discretion as they become available.)
 - 9 ETC Net3 Gateways (2 of which are portable)
 - Nexus7 tablet as a wireless remote
 - RVI (Remote Video Interface)
 - 21" widescreen monitors.
- ETC Sensor 3 Power Control System Racks with Advanced Features
 - 326 2.4k AF modules
 - 25 2.4k Thrupowertm modules
 - 5 2.5k Non-dim AF modules
 - 5 5.4k Constant modules
 - Note there are fewer circuits than we have modules. The hall has 556 house circuits. Circuits are hardwired to house dimmers. An interrupt panel is available for front of house circuits. A circuit map is available upon request.

ETC Net3 Gateways

- Two Gateways are in the SW corner of the grid and are connected to 5pin DMX lines to each house electric. One Gateway is installed at center in the Cove/FOH lighting position. One Gateway is installed in the balcony lighting position. Two are installed on either side of the proscenium.
- Ethernet ports allow Gateways to be installed temporarily at different locations throughout the building.

All Lighting instruments must be restored according to the House Hang Light Plot.

Contact your Production Coordinator for a copy of the House Hang Light Plot.We can provide you with a house show file for the GIO consoles compatible with ETC's EOS offline editor software. A Nomad network dongle is available to enable your laptop to connect to the primary console via wire or Wi-Fi. A Lightwright 6 file with the house hang is also available upon request. Vectorworks Light Plo tand Magic Sheet is also available upon request.

Hanging plot and inventory is subject to change without notice

Audio Equipment & System Information

FOH Audio Console

Yamaha Rivage PM7 at 96K (120 inputs x 60 mix buses) over a Dante network.

AudioLines

- All analog lines connect to a Dante network device.
 - 64 House analog inputs via Downstage Right & Left mirrored panels fed from:
 - (2)Yamaha Rio 3224-D2 (32input, 16 output each) Permanently installed
 - (2)Yamaha Rio 1608-D2 (16input, 8 output each) Portable stage boxes with 25' network cables.
- 16 Front of House Inputs, 8 Outputs
 - (8) Inputs via Yamaha RI8-D for playback
 - (8) Inputs via PM7 Audio Console through Rupert Neve Silk preamps
 - (8) Outputs via PM7 Audio Console
- 42 x 10 channel, analog, ground isolated transformer road split snake(DSR to Audio Booth)
- More information about patchable lines is available from your Production Coordinator.

Loud speakers

Loud speaker system was tuned by the manufacturer.

All configurations include:

Front Fill - (6) d&b audiotechnik E6 **Under Balcony** - (8) d&b audiotechnik E8, permanently mounted.

Optional Configurations:

- A. Main Ground Stack d&b audiotechnik V-Series Line Array, 13'6" high
 - (6) d&b audiotechnik V8, per side
 - (2)d&b audiotechnik V Subs, per side

B. Flown Line Array

Can only be flown upstage of proscenium, trim height 25' at V Flying Frame above the deck, and 23' off center.

- (6) d&b audiotechnik V8, per side
- (2) d&b audiotechnik V12, per side
- (2) d&b audiotechnik VSubs, per side Subs remain ground stacked in flown configuration.

C. CenterCluster

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Trimheight26'atVFlyingFrame

- (4) d&b audiotechnik V12
- (2) Optionald & b audiotechnik VSubs, per side Subs remain ground stacked in flown configuration.

Amplifiers

- (7) d&b audiotechnik 30D with array processing, permanently installed.
- Boad connect box available for main PA and/or stage monitors. (located DSL)

StageMonitorSystem

- Yamaha QL5 Monitor Audio Console communicating thru Dante network.
- (8) d&b audiotechnik M4 NL4 Stage Monitors
- (2) d&b audiotechnik 30D Amplifiers, permanently installed.

Direct Boxes

- (6) Countryman DT85
- (1) Radial BT-Pro Bluetooth Stereo DI

Playback

- (2)DenonDN-C620 CDPlayer
- (1)TascamSS-R250NSolid StateRecorderandPlayer

Microphones

- Various Shure (i.e.81, 57, 58, beta87, 91)
- Various AKG (i.e. 391, 414, D409)
- Various Sennheiser (i.e. 421)
- Various Crown (i.e. PCC 160)
 ***Please Note: We have no wireless microphones in our inventory.

Intercom

- Clear-Com Analog Partyline System with 4 Channels
- Headsets, speaker stations, and wired belt packs
 ***Please Note: We have no wireless intercom in our inventory.

Lobby Video System

- Permanently Mounted Displays
- (2) 61" Plasma monitors
- (5) 50" Plasma monitors
- These displays can be switched between a static view of the stage from a camera located at the center of the balcony rail, or content provided by you on a DVD.

For further information contact your Production Coordinator Inventory is subject to change without notice.

Rigging System - Lineset Schedule

Distance from

10	Dro Line	Decerintian
LS	Pro-Line	Description
0	0'-8 ^{3/4} "	Safety Curtain
1*	1'-2 ^{1/2} "	Valance (Red)
2	1'-8"	Symphony Legs
3**	2'-2"	Grand Drape (Red)
4	3'-1 ^{1/2} "	Valance (Black)
5	3'-8"	House Curtain (Black)
6	4'-1 ^{1/2} "	
7*	5'-3"	1st Electric Pipe
8	6'-6"	1st Border Light Pipe
9	7'-7 ^{1/2} "	
10	7'-7 ^{1/2} "	
11	8'-2"	Border Curtain
12	8'-8"	Leg Set
13	9'-8"	
14	10'-2"	
15	10'-8"	
16	11'-2"	
17	11'-8"	
18	12'-2"	Border Curtain
19	12'-8"	Leg Set
20	13'-2"	
21	13'-8"	
22*	14'-2"	2nd Electric Pipe
23*	15'-3 ^{1/2} "	2nd Border Light Pipe
24	16'-2"	
25	16'-8"	
26	18'-2"	Border Curtain
27	18'-8"	Leg Set
28	19'-1 ^{1/2} "	
29	19'-7 ^{1/2} "	Black Scrim
30	20'-11/2"	Blackout
31	21'-2"	
32	21'-7 ^{1/2} "	Border Curtain

LS Pro-Line Description 33 22'-2" Leg Set 34 22'-7"	Distance from			
34 $22'-7^{1/2}$ 35 $23'-8"$ $3rd$ Electric Pipe 36 $24'-8^{1/2'}$ 37 $25'-4^{1/2'}$ 38 $25'-10^{1/2'}$ 39 $26'-8^{1/2'}$ 40 $27'-2^{1/2'}$ Border Curtain 41 SR Electric 42 Lineset Removed 43 $28'-8"$ Leg Set 44 $29'-2"$ Black Scrim 45* $30'-2"$ Black Traveler Curtain 46 $31'-2"$ 47 $31'-8"$ 48 $32'-2"$ Border Curtain 49* $33'-2"$ 4th Electric Pipe 50 $34'-2"$ 51 $34'-8"$ 52 $35'-8^{1/2"}$ Border Curtain 53 $36'-8^{1/2"}$ Leg Set 53a SL Electric 54 $37'-8^{1/2"}$ Natural (seamed) 56 $39'-8^{1/2"}$ Eq Set <	LS	Pro-Line	Description	
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58 41'-8 ^{1/2*} Leg Set 59 42'-8 ^{1/2*} Border Curtain 60 44'-2 ^{1/2*} Leg Set 61 44'-8 ^{1/2*} Leg Set 62 45'-8 ^{1/2*} Leg Set 63 46'-8 ^{1/2*} Leg Set	56	39'-8 ^{1/2"}		
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60 44'-2 ^{1/2*} Leg Set 61 44'-8 ^{1/2*} 62 45'-8 ^{1/2*} Leg Set 63 46'-8 ^{1/2*}	58	41'-81/2"	Leg Set	
61 44'-8 ^{1/2°} 62 45'-8 ^{1/2°} Leg Set 63 46'-8 ^{1/2°}	59	42'-81/2"	Border Curtain	
62 45'-8 ^{1/2°} Leg Set 63 46'-8 ^{1/2°}	60	44'-2 ^{1/2} "	Leg Set	
63 46'-8 ^{1/2}	61	44'-81/2"		
	62	45'-81/2"	Leg Set	
65† 47'-8 ^{1/2*} Cyclorama Seamless	63	46'-81/2"		
	65†	47'-81/2"	Cyclorama Seamless	

NOTE: Weight may vary due to temperature or humidity and is approximate.Pipe weight is **not** included.The above hang will be restored at the end of your event, at your cost.

- *LS may not be changed.
- **Line set is motorized. This variable speed winch has a Max Speed of 2fps or 15 seconds for full travel. Goods cannot be changed or removed from this line set.
- †LS 65 is a 72' pipe.
- All line sets (except LS3) are single purchase manual counterweight system with maximum weight per pipe of 2,000lbs, no single point may exceed 750lbs.
- See page 10 for guidelines and operating procedures.

Stage & Grid Iron Loading Information

- Max point load at the lift line gird channels (Wells) = 2000lbs. Points must attach to both girds.
- Max point load per ribbon = 250lbs
- Roof Live Load 184,000lbs distributed per structural engineered specifications.
- All rigging points must be approved by your production coordinator two weeks prior to event load-in.

Staffing Guidelines

Symphony Hall, a Venue of the Phoenix Convention Center, has contracted with a third party to provide qualified stagehand labor in our venues. These stagehands are required to operate or supervise the operation of house equipment. The provider utilizes I.A.T.S.E. Local 336 stagehands.

All stagehand labor charges are paid thru your contract with Symphony Hall. Anauthorized person from your organization will be required to sign off on stagehand labor time sheets.

Arizona is a "Right to Work" state, and Symphony Hall is not an exclusively Union house. Clients are free to use whatever personnel they wish to handle and operate their OWN equipment. Any stagehand working in the theatre must be a "Qualified Person, as determined by the Production Services Manager or his designee. Stagehands must be appropriately attired with closed toed shoes, long pants, etc. Personal protective equipment such as hard hats and harnesses shall be provided by the employer.

Minimum crew staffing levels shall be determined solely by the number of technicians to provide a safe and professionally appearing production. Your assigned Production Coordinator shall determine appropriate staffing in consultation with you. These technicians may be a combination of I.A.T.S.E. technicians and client-supplied technicians. Client-supplied technicians, if qualified, may operate house equipment under the supervision of a house operator.

*Qualified person is defined as:

A person who demonstrates training, experience and skill in a particular technical area or areas (electrician, audio engineer, rigger, flyman, etc.). Additionally, such person will have trained on and be familiar with the operation manuals, guidelines, safe and proper operating practices, and when applicable, emergency procedures related to Symphony Hall systems and equipment. One who can identify existing or predictable hazards in the surroundings, or working conditions that are unsanitary, hazardous or dangerous to employees, and who has authorization to take prompt corrective action to eliminate these hazards.

General Safety Requirements

- Staff, clients, contract labor and all others working in or entering City of Phoenix Convention and Phoenix Convention Center & Venues Facilities shall at all times adhere to all Federal, State, and Local Laws, regulations, and standards related to safe working conditions and practices.Work being performed shall be done so in accordance with all applicable OSHA (federal),
- ADOSH (state), American National Standards Institute (ANSI), National Fire Protection Association (NFPA) standards, guidelines, local fire regulations, any applicable consensus standards, industry recommended practices and Department and Division safety policies and requirements. Equipment shall only be operated in accordance with the manufacture's written recommendations.
- Of special note are the following Items: if you are bringing any chemicals into the theatres or onto City of Phoenix property (this includes, but is not limited to, fog or haze fluid, spray or other kinds of paint, costume and shoe dyes) you must supply the Production Coordinator with the Material Safety Data Sheet (MSDS) in advance of the move-in. Use of pyrotechnics or open flame requires a permit from the Phoenix Fire Department. Other types of similar effects may also require a permit. This permit must be applied for no later than two weeks before the event. Pyrotechnic effects require an operator licensed by the City of Phoenix. Licenses issued by other jurisdictions are not acceptable.
- Per NFPA70 blocking of fire exits, egress routes, fire extinguisher cabinets and fire alarm panels is not permitted at any time. Obstruction of the theater fire safety curtains is not permitted at any time. Fire doors are not to be blocked open using stage weights, wedges or similar objects.
- Hard hats shall be worn whenever there is the possibility of injury from falling objects.
- Fall Protection: Symphony Hall has specific fall protection plans for the areas having a fall hazard. Suitable fall protection equipment shall be used whenever a fall hazard exists. All types of industrial trucks shall be operated in accordance with posted regulations. The house does not provide harness to non-city personnel. You may use your own, or have your employer provide one for you.

Fork Lifts:

- Fork lifts are to be operated only by trained, qualified personnel.
- Speeding, reckless driving, riding on the forks or riding other than in a seat is not allowed.

Personnel Lifts:

- Personnel lifts are to be operated only in accordance to the manufacturer's recommendations.
- Personnel lifts are to be operated only by authorized, trained and qualified personnel.
- Personnel lifts shall not be operated without the outriggers, when part of the lift system, and must be installed in accordance with the manufacturer's requirements.
- Personnel lifts are not to be moved horizontally with personnel in the raised basket when not allowed by the manufacturer.
- The stage floor is rated for 150lbs per square foot.
- Additional plywood sheeting may be required for heavy equipment such as fork or Scissor Lifts.

NOTE: City of Phoenix equipment shall be operated only by persons authorized to do so by Production Services staff.

If you have any questions, contact your Production Coordinator, we are here to assist you.

To request an alternative format of this publication, contact us at

1-800-282-4842 (voice) or 602-495-5048 (TTY).



Symphony Mall

PHOENIX, ARIZONA

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