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Technical Specifications – February 2025

Address:

Vancouver Civic Theatres
649 Cambie St.
Vancouver B.C.
V6B 2P1
<http://vancouvercivictheatres.com/>

Stage Door: (604) 665-2193
Fax: (604) 665-3001

Staff Contacts:

Paul McManus - Sr. Manager, Production	604-665-3024	paul.mcmanus@vancouver.ca
Brendan Keith - Technical Director	604-665-3043	brendan.keith@vancouver.ca
Jeff Leard - Head Stage Carpenter	604-829-9451	jeff.leard@vancouver.ca
General Booking Enquiries:		vctbooking@vancouver.ca

Loading Access:

- Vehicles can pull into the venue drop off roadway to unload gear
- Should vehicles need to drive onto the plaza they can enter from the corner of Hamilton Street and West Georgia Street by driving up on to the curb from Hamilton Street. (Please see the load limits section below)

Caution: there is a covered structure that also consists of the stairwell access to/from the parking garage. The corner of this building can get very close to vehicles entering and exiting the plaza. Be aware of clearances.



Load Limits:

- For general use on the slab, a maximum vehicle weight of 15,000 lbs is approved for vehicles with normal car or light commercial tires. Vehicles need to be kept at least 5 feet apart
- Where smaller tires are used on a vehicle, the higher wheel pressure risk increases and can cause cracking. Therefore, for vehicles such as forklifts the maximum weight limit shall be 10,000 lbs. These types of vehicles should not be left permanently on the slab.
- Other specific pieces of heavy equipment may require an Engineer's report prior to being approved.

Parking Information:

- There is no dedicated parking for the Plaza except for the pay parking lot below the venue.

**** Street parking is controlled by City of Vancouver. For street parking permit information, please visit the following links:**

[Information](#) about hosting events in Vancouver on public property – ie: streets and sidewalks. City is required to review/process any work requests for on street production parking.

Web form for [inquiries](#) to Film and Special Event office. Note: They deal with activity on COV streets and sidewalks only.

Tents and/or Structures:

- Any tent or large structure that is placed on the plaza must be at least 10' (3.05m) from the outer most edge of any building. In the case of the Queen Elizabeth Theatre, this is measured from the outer edge of the second level outdoor balcony. In the case of the restaurant, it is measured from the outer most point of the roof line.

USE OF HAZARDOUS MATERIALS IN THE VANCOUVER CIVIC THEATRES

Government of Canada legislation requires that the use of "controlled" products in our theatres shall comply with the rules under WHMIS (Workplace Hazardous Materials Information System). Controlled products include:

- (1) Compressed Gas
- (2) Flammable and Combustible Material
- (3) Oxidizing Material
- (4) Poisonous and Infectious Material
- (5) Corrosive Material
- (6) Dangerously Reactive Material

WHMIS regulations require that:

- (a) Anyone using controlled products in the workplace must be informed as to its safe storage, handling, use, and disposal.
- (b) All containers of controlled products must have warning labels attached that meet regulation requirements.
- (c) A MSDS (Material Safety Data Sheet) for any controlled product must be available and be maintained in the immediate work area.

Some substances such as explosives, radioactive materials, and tobacco are covered under separate regulations. The use of propane powered devices and the storage of propane tanks within the theatre premises is not permitted

Smoking and/or Vaping in our venues is strictly prohibited under our Civic Bylaws. This includes outside the venue within 20 feet (6 meters) of any doorway, window, loading bay, and/or air intake.

Flame / Pyro:

Use of any product or device that involves flame shall need to be discussed and approved by the Civic Theatres in advance. The proper approval / permits by the Licensee from the Vancouver Fire & Resuce Services shall also be required.

Firearms:

Use of any firearms shall need to be discussed and approved in advance by the Civic Theatres. All proper permits, licenses, storage/handling procedures will be required by the Licensee.

Haze and Fog:

Haze and Fog are permitted to be used.

DELIVERIES IN ADVANCE

Due to limited space, the venue can only accept merch shipments and/or large stage deliveries on a day your event is in the venue (unless special permission has been arranged in advance with the venue). Should deliveries arrive without prior approval, they will likely be rejected/refused.

GLITTER / CONFETTI / STREAMERS

Glitter is no longer permitted in the venue. When it comes to Confetti and/or Streamers, only paper products may be approved. We can no longer accept Mylar as it is a single use plastic product. Please note: Confetti and/or Streamers require advanced venue approval prior to event. If approved, there will be a cleaning fee charged for their use.

VENUE SPECIFIC SAFETY REQUIREMENTS

- Steel Toed shoes are required if Car Loading. In any other situation they are recommended.
- Hard Hats are required by anyone when Riggers and/or any work is taking place overhead or if working at the bottom of a lift.
- All Riggers must wear radio chest harnesses when working overhead. Attaching a radio (other than in the approved harness) is not permitted.
- If rigging / working overhead, all pockets must be empty of any loose items.
- Harnesses and Lifelines need to be used as required by the venue, based on the work. Locations are indicated by visible lifelines and/or anchors.

PLAZA INFO

Plaza Surface:

- The plaza surface consists of a 12" reinforced concrete slab. There is then a waterproofing membrane and concrete topping over the slab.

Dimensions:

- Main Plaza to Restaurant Patio and Corral: 130'w x 107'-2"d (39.62m x 32.66m)
- Corral: 68'-8"w x 54'd (20.93m x 16.46m)
- Fountain: 34' (10.36m) Diameter
- Restaurant Covered Patio: 19' (5.79m) – extends on to plaza



Browns Socialhouse:

- The east side of the plaza consists of the Browns Socialhouse Restaurant.
- Access from the plaza for their patrons must be maintained

Water Connections:

- 3x Domestic cold water hose bibs

Centennial Fountain:

- In the North/West corner there is a water fountain.
- The fountain can be turned off during the summer months, and is fully drained during the winter months.



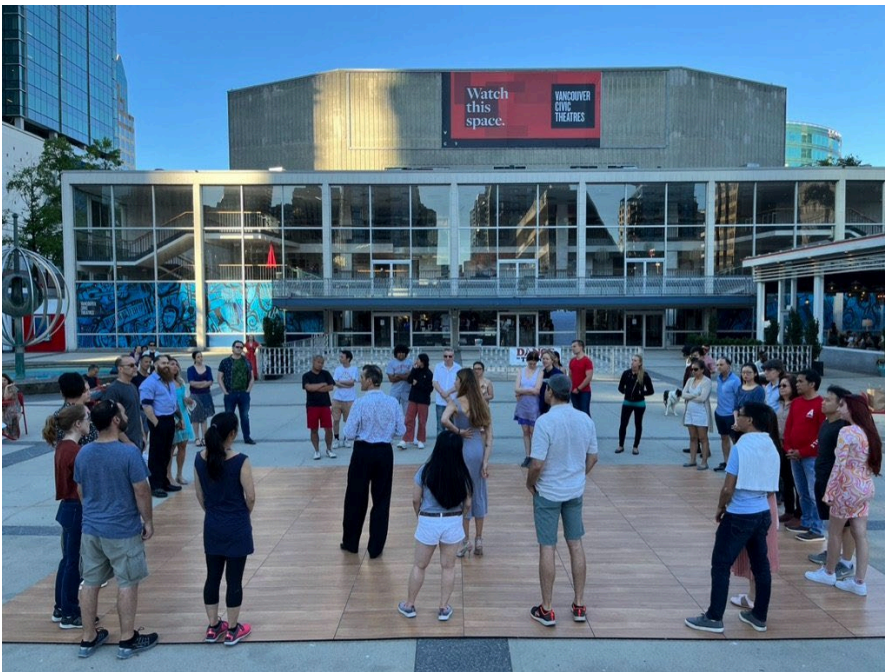
Corral:

- In the North section of the plaza, against the QET lobby doors is a section that has been isolated as an outdoor plaza area for the venue. This area consists of a decorative aluminum corral structure.
- The metal corral pieces can be removed if requested and approved by the venue in advance. (There will be added time and labour costs to remove/restore the corral.)



EQUIPMENT

Portable Stage:	9x stage decks 8' x 4'. This gives a total stage size of 24'w X 12'd Adjustable legs that are adjustable from 24" to 36" 1x height adjustable step unit 5x railings 8' long and 2x railings 4' long Black skirting for 24" and 36" There is no roof for this stage
Scaffolding:	1x Double high section of scaffold to place our projector on when using the inflatable screen. Note: this is not always required.
Stage Weight Blocks:	6x wood boxes a filed with stage weight to act as anchors for the inflatable screen
Canpoy:	2x small tents 5' x 5' to cover the sound mix position and projector.
Personnel Lifts:	1x Battery powered "GENIE" personnel lift (30' platform) – Normally stored in the FOH
Ballroom Style Dance Floor:	100x Snap together plastic tiles (3' x 3') with a vinyl surface printed with a light wood finish. This gives a total dance floor size of 24'w x 36'd (with a few spare tiles)



Communication and Internet:

Note: Phone and WIFI information: Production Access only, not for use by general public

- Plaza: WIFI

Note: WIFI Upload / Download speed is normally 40Mbps (6G). Wired internet speed is normally 100 Mbps

STAGE CREW

- Stage crew is supplied through agreement with IATSE Local 118. The total number of stage crew needed to staff an event will be determined by the Theatre's Technical Department, in consultation with the Licensee.
- At all times, production activity must be supervised by the applicable house technicians.
- Meal breaks must be given every 4 hours, except that once in a day, stage crew may work a 5 hour block before a meal break is required. If stage crew are required to work beyond these times without a meal break, they will be paid a premium rate until such time as they are able to take their break.
- Meal breaks can be either a 1-hour unpaid break or a ½ hour paid break. A 15 minute coffee break is usually taken at the mid-way point of a 4 or 5 hour block.
- The minimum crew call is 4 hours. A break of greater than 1.5 hours between calls will constitute a new "minimum call"

POWER

Temporary Power

GEORGIA STREET SIGN:

- 1x 400 amps 3 Ø 120/208V 60 cycles - Type J CAM-Lok
- 1x 200 amps 3 Ø 120/208V 60 cycles - Type J CAM-Lok

Note: we have 1x 8' piece of #2 gauge feeder that attaches to 1x 100 amps LEX Pagoda portable power distro box. This unit consists of 8x 15/20A U-Ground outlets, 1x 30A - L21-30, and 1x 30A - L14-30 connector

SOUTH PERIMETER:

- 3x 15 amps 1 Ø 125V - 5-15 Connector (located by flowerbeds and by parking garage stairwell)

WEST LAMPOST BASE:

- 2x 15 amps 1 Ø 125V - 5-15 Connectors

HAMILTON STREET MAIN ENTRNCE:

- 1x 30 amps 3 Ø 120/208V 60 cycles - L21-30 Twist Connector (located above the main doors, on the north side)

CORRAL BY QET:

- 1x 30 amps 3 Ø 120/208V 60 cycles - L21-30 Twist Connector (located above the doors into QET, on the east side)
- 2x 15 amps 1 Ø 125V - 5-15 Connectors (by the doors from the QET into the Corral)



LIGHTING

*At this time we do not provide theatrical lighting for the plaza. This is mainly because equipment operating outdoors requires specific IP ratings.

Cable:

- 1x 8' piece of #2 gauge 5 wire feeder
- 1x 100 amps LEX Pagoda portable power distro box. This unit consists of 8x 15/20A U-Ground outlets, 1x 30A - L21-30, and 1x 30A - L14-30 connector
- 1x 75' 30A 3Ø cable (L21-30)
- 1x 50' 30A 3Ø cable (L21-30)
- 1x LEX Bento Box 30A 3Ø 120/208V converting into 6x U-Ground 5-15 connectors
- 1x 100' 20A 1Ø U-Ground Cable
- 7x 50' 20A 1Ø U-Ground Cable
- 6x 25' 20A 1Ø U-Ground Cable

Note: other power cable may be available from the venue. Please confirm in advance.

AUDIO

Portable Speakers:

- 6x JBL EON 15" Powered Speakers with stands
- 1x QSC HPR-15SF Top Box
- 1x QSC HPR-181W Sub

Mixing Console:

- 1x Allen and Heath QU16 Digital Console with remote stage box

Microphones / DI's:

- Shure SM58 3
- Shure SM57 4
- Sennheiser e902 1
- Sennheiser e914 2
- Sennheiser e904 4
- Radial JDI passive DI 2
- Radial Pro-D2 stereo DI 2
- Radial AV1 Multimedia DI 1
- Cable Factory Stereo PC-Pro DI 1

Stage Wireless Mics:

- 2x Shure QLXD4 Single Channel Receivers
 - 2x Shure QLX2/SM58 Handheld Microphones
 - 2x Shure QLXD1 Bodypacks with WL 185 Cardioid Lav mics.

Cables & Stands:

- Small assortment of stands (K&M 210/9 tall / K&M 259 Short), cables, splitter boxes, adapters, etc.
- 1x Radial 100' 8x4 Stage flea sub-sneak

VIDEO

Cameras:

- None

Control:

- 1x Kramer VS-41H 4 x 1 HDMI Switcher
- 1x Denon DN500 BC Blu-Ray disc player

Projectors:

- 1x Panasonic PT-RZ21K 3-chip, 20000 lumen laser projector broadcasting in Full HD
 - One ET-D75LE95 projector lens - 0.36:1 throw ratio
 - One ET-D75LE06 projector lens - 1.0-1.2:1 throw ratio
 - One ET-D75LE30 projector lens - 2.7-5.2:1 throw ratio
 - One ET-D75LE40 projector lens - 5.1-8.2:1 throw ratio
 - One ET-D75LE08 projector lens - 8.2-15.4:1 throw ratio

Note: all throw ratios based on a 16:9 image

Projection Screen:

- 1x Open Air Cinema 25' inflatable projection screen



Miscellaneous Gear:

- Various video cross converters

Fibre Link:

- In the Georgia Street sign cabinet there is a box with 6x fibre lines that link back to the QET control room. The ability also exists to link the QET and Playhouse control rooms.

