

# THE GRAND

Technical Specifications “Abridged”  
(Updated October 2019)

## **CREW CALLS**

The GRAND proudly operates under a collective agreement with IATSE Local 212. All work performed on stage or on company equipment will be done by on call, permitted, IATSE technicians within their corresponding departments. Crew calls are determined at the sole discretion of the venue’s Production Manager based on an assessment of the production’s technical documents and needs. No third-party technical staff will be allowed to work within the venue other than exclusively on the equipment that they provide. Road crews will be permitted to operate their show specific equipment **only** under the supervision of the venue’s house technicians.

Artists’ sound and lighting technicians may operate the venue’s control consoles under the supervision of the venue’s house crew. The final say on all sound and lighting levels will be, without exception, at the discretion of the venue’s house crew. In specific circumstances road crews may be permitted to perform additional tasks within the venue but only as pre-approved by the venue’s Steward and Production Manager. In extreme cases, failure to comply with these regulations may result in the termination of the performance with no fault or liability to The GRAND.

## **VENUE MEASUREMENTS**

The theatre is a ‘black-box’ space capable of multiple stage configurations. There is no raised stage (the stage area is the venue floor), but if needed a large stage can be built out of portable risers.

### **Standard Stage Width & Depth:**

Width: 54’-0” (16.46m)

Depth (varies with seating configuration): 29’-0” to 36’-0” (8.84m - 10.97m)

### **Venue Width & Depth:**

Wall-to-Wall (stage floor level): 54’-0” (16.46m)

Wall-to-fixed riser storage (seating collapsed): 69’-0” (21.03m)

### **Venue Height:**

Stage Floor to Public Gallery Floor: 13’-0” (3.96m)

Stage Floor to Technical Gallery Floor: 25’-0” (7.62m)

Stage Floor to Underside of Grid (lowest point): 40’-0” (12.19m)

Stage Floor to Walking Surface of Grid: 40’-3” (12.25m)

Stage Floor to Underside of Structural Beams in Grid: 48’-0” (14.63m)

## STAGE/SEATING CONFIGURATIONS

The GRAND has eight different standard layouts offering configurations of audience on one, two, or three sides of the stage, or an open space – i.e. a flat floor with no seating. The audience seating system consists of a combination of permanently installed and mobile banks of retractable seating.

Layout Type	Maximum Audience Capacity	Approx. Stage Dimensions*
'Large Italian'	436	54'-0" w x 29'-0" d
'Small Italian'	340	54'-0" w x 29'-0" d
'Open Space' (no seats)	441 persons total (including performers)	*including wing space

Please Note:

- Storage of the unused banks of seats is either along the sidewalls of the venue or in the loading dock depending on the layout, as indicated on the technical drawings.
- Setting and storing of the seating must be factored into the user's set-up and strike time.
- Audience egress and fire exits must not be obstructed at any time and a minimum 4' clear path must be maintained.

## CROSSOVER

There is a permanent crossover under the stage via stairs between the NE and SE corners of the venue. The NW and SW corners of the venue may also be accessed under the stage via the lobby vestibule. **Please note however that the stage right trap will need to fully uncovered for the crossover to be accessible.** Otherwise, stage level crossovers and other access requirements should be considered in the design of the scenery and masking layout.

## STAGE FLOOR

The stage floor is composed of black battleship linoleum over two layers of 1" plywood decking laid over 2" x 4" sleepers. **No fixing to the floor will be allowed for any reason.** There are no traps in the floor. There is a shallow cable trough that follows the perimeter of the room.

## PORTABLE RISERS

The venue has a stock of portable interlocking risers and step units. The surface of the risers consists of one-inch plywood covered with battleship linoleum. It is not allowed to screw into the risers. The maximum load is 100lb per square inch.

## DANCE FLOOR

Please consult the Technical Director regarding possible configurations and availability of dance floor (Marley). The venue owns a 'Harlequin Reversible' brand dance floor in black/grey. The venue does not have a portable 'sprung' floor system.

## RIGGING

The rigging of lighting, sound and scenery/soft goods within the venue is achieved by trusses suspended from chain motors attached to the overhead fixed grid. Before any movement of the rigging over the stage may be incorporated into the performance, a formal documented risk assessment will have to be conducted and adequate safety

measures implemented. The Technical Director shall have final determination in such matters. **In no instance shall there be any moving rigging over the audience areas when occupied. The venue's Technical Director will have the final decision regarding all rigging, no exceptions.**

### **LIGHTING SYSTEM INFORMATION**

All lighting in the Flanagan is controlled through the ETC Gio. The GRAND maintains a house plot with 6 area warm/cool front and top lights, 3 areas upstage and 3 downstage. For a comprehensive plot and inventory or .vwx files please contact the Technical Director.

### **SPECIAL EFFECTS:**

#### **Atmospherics:**

Please inform the Technical Director of any atmospherics (haze, fog, snow, dry ice, etc.) that you will be using. A copy of the 'Material Safety Data Sheet' for the fluids is mandatory. Use of atmospherics requires the disabling of the venue's fire alarm system by the head stage carpenter, and approval by the venues Technical Director. **Absolutely no atmospherics may be run under any circumstances until explicit clearance has been given. Failure to comply with this regulation may result in a damages charge.**

#### **Pyrotechnics:**

Pyrotechnic special effects may be used with the approval of the Technical Director under the supervision of a licenced pyro-technician. The pyro-technician must show proof of proper licensing. Handling, storage and preparation of pyrotechnic material will be in compliance with the federal, provincial and local codes, and within the manufacturer's guidelines. Where applicable, nearby flammables (costumes and scenery) will be properly flame proofed.

A detailed application will be submitted to the Technical Director two months before the event. Upon approval, this application must then be submitted to the Calgary Fire Department. Documentation will include: event approval form; proof of \$1 million liability insurance; copy of the pyrotechnician's license; pyro effects plan; (with full description of all effects); sketch of the theatre (with position of effects, pyro storage, audience, exits).

There will be at least one dry run (demonstration) of all effects prior to the first performance.

#### **Miscellaneous:**

The use of any other effects (strobos, firearms, gunshots etc.) requires the approval of the Technical Director.

### **SOUND SYSTEM INFORMATION:**

The GRAND is equipped with a highly versatile and adaptable sound system designed to meet the needs of a wide array of configurations, clients, and artists. The Digico SD9 (40 channel) is the main control console for our system and offers a wide array of EQ, Dynamics, and I/O routing options. Our Meyer speaker system is comprised of 12 mid high cabinets (Meyer UPJ-1P), and 4 subwoofer cabinets (USW-1P).

The standard speaker configuration in the main theatre is made up of left (3 speakers), right (3 speakers) and centre (1 speaker) in vertical line arrays, which reside on line set #1.

In addition to the flown clusters there are 2 flown subwoofers. A single centre fill in between the two flown subs on line set #2, single left and right ground fill on ground subs typically at line set 5 in front of the downstage legs, and left and right delay fills on the back of boxes 2 and 4 which pick up at seating Row H.

It is a major concern of both our management and patrons that acceptable sound levels be maintained. It is recommended that sound pressure levels should be no greater than 95dB A-weighted on average.

Should you require additional information about our audio equipment or custom setups please contact Technical Director J.S.Sirois (js@thegrandyyc.ca).

### **LOADING DOCK:**

The loading dock is located in the alley to the south of 608 1<sup>st</sup> Street SW. It can accommodate up to 26'box 5-ton trucks. The Technical Director must be consulted regarding load-in procedures and truck positioning. City permits may be required.

Dock Height: 3'-4" (1m) (Note: dock platform hinges down from in front of dock doors)

Loading Door Dimensions: 9'-1" W x 9'-8"H (2.8m x 3m) (Note: doors at 90° to edge of dock)

### **FREIGHT ELEVATOR:**

Door Dimensions: 4'-1" W x 6'-8" H (1.25m x 2.1m)

Interior Dimensions: 10'-0"D x 6'-3"W x 7'-8" high (3.1m x 1.95m x 2.4m)

Load Capacity: 5000 pounds (2250 kg)

### **Levels Accessed:**

Basement: dressing rooms, wardrobe, production office, green room, storage, restaurant kitchen

Level 1: stage, loading dock, lobby, box office, and restaurant

Level 2: upper lobby

Level 3: The Studio (rehearsal hall), technical booth, The GRAND admin. Offices

### **DRESSING ROOMS/GREENROOM:**

There are three dressing rooms on the basement level that can accommodate a total of 22 people. Each room is equipped with hot and cold running water, showers, toilets, sinks, makeup mirrors and lights, chairs and wardrobe racks. There is also a green room in the basement with direct access to the stage. It contains a lounge area and a pantry with a refrigerator, dishwasher and microwave oven.

### **WARDROBE:**

A wardrobe maintenance room is located in the basement and is equipped with basic equipment for maintenance including two domestic washers and dryers, an iron and ironing board, and steamer. Access to this area and equipment is restricted and prior arrangements must be made with the Production Manager for its use. Use of these facilities for personal laundry is not permitted.

### **REHEARSAL HALL (THE STUDIO):**

The Studio is located on the 3rd level and is 29' x 43' (8.8m x 13m). It has a lighting grid at +18'-0" (5.4m) and is equipped with resilient floor (not directly on concrete) and basic lighting and sound systems. Note that use of The Studio is not included in the rental of the main theatre and it requires a separate booking. Haze, pyrotechnics or other atmospheric effects may not be used in the Studio under any circumstances. For further details on the studio's technical specifications please contact the Technical Director.

**MUSICAL INSTRUMENTS:**

There are no pianos or other musical instruments within the venue. Please consult the Technical Director to have them rented on your behalf.

**DRAWINGS:**

For detailed drawings of the venue including standard lighting plots, audio configuration, and masking layouts please contact the Technical Director. Drawings can be rendered in .vwx or .dwg