**The Grand Theatre** **Updated January 2017**

**218 PRINCESS STREET,**
**KINGSTON, ONTARIO,**
**K7L 1B2**

# TECHNICAL AND PRODUCTION INFORMATION

## Important Safety Notice:

During all load-ins, set-ups, lighting hangs, lighting focus sessions, load-outs and strikes, the following personal protective equipment **must be worn** by any person working in the *Regina Rosen Auditorium*.

- CSA Approved Type I or II Hard Hat
    - Section 22 – Construction Regulations (OH&S Act)
- CSA Approved Grade I (Green Triangle) Protective Footwear
    - Section 23 – Construction Regulations (OH&S Act)

In all other situations where a worker may be exposed to the hazard of a head or foot injury, head or foot protection **must be worn** appropriate in the circumstances.

- Sections 80 and 82 - Industrial Regulations (OH&S Act)

It is expected that all touring / visiting workers comply with these regulations and supply their own Personal Protective Equipment.

# REGINA ROSEN AUDITORIUM

## SEATING CAPACITY:

| | |
|---|---|
| ORCHESTRA LEVEL | 396 |
| BALCONY | 341 |
| BOX SEATS | 12 |
| TOTAL | **749** |
| ORCHESTRA LIFT SEATS (IF USED) | 26 |
| GRAND TOTAL WITH ORCHESTRA LIFT SEATS | **775** |

**UNION AFFILIATION**: **Technical staff** are members of and operate under the jurisdiction of IATSE, Local 471
**Front of house staff** operate under the jurisdiction of CUPE Local 109

## STAGE DIMENSIONS

| **WIDTH** | IMPERIAL | METRIC |
|---|---|---|
| PROSCENIUM ARCH | 40'6" | 12.34 metres |
| STAGE RIGHT WING (TO ARBOR PIT FENCE) | 7'6" | 2.29 |
| STAGE LEFT WING | 9'6" | 2.9 |
| TOTAL- STAGE LEFT WALL TO ARBOR PIT FENCE. | 57'6" | 17.53 |

| **DEPTH** | IMPERIAL | METRIC |
|---|---|---|
| **STAGE LIP** TO BACK WALL OF STAGE | 33’5” | 10.21 |
| TO CYCLORAMA | 30’5” | 9.29 |
| TO ORCHESTRA SHELL WALL | 29’9” | 9.06 |
| TO PLASTER LINE | 2’3” | .057 |
| TO FRONT OF FORESTAGE AT CENTRE | 9’6” | 2.9 |
| TO FRONT OF FORESTAGE AT SIDES | 6’10” | 2.1 |
| **TOTAL DEPTH**-FRONT OF FORESTAGE (CTR) TO BACK WALL | 42’11” | 13.38 |
| -FRONT OF FORESTAGE TO CYCLORAMA | 39’11” | 12.16 |
| -FRONT OF FORESTAGE TO ORCH SHELL WALL | 39’3” | 11.96 |
| **STAGE LIP FORWARD TO** BALCONY RAIL | 30’4” | 9.24 |
| TO FIRST FOH LIGHTING PIPE | 43’0” | 13.1 |
| TO SECOND FOH LIGHTING PIPE | 57’0” | 17.37 |
| TO BACK WALL AUD (ORCH LEVEL) | 54’0” | 16.46 |
| TO BACK WALL AUD (BALCONY LEVEL) | 73’0” | 21.95 |
| | | |

| **HEIGHT** | IMPERIAL | METRIC |
|---|---|---|
| PROSCENIUM ARCH | 22'0" | 15.01 metres |
| TO GRID | 49'3" | 15.01 |
| TO FLY FLOOR (STAGE RIGHT) | 23'2" | 7.04 |
| TO LOADING GALLERY (STAGE RIGHT) | 43'1" | 13.11 |
| ABOVE FIRST ROW OF SEATS | 3'6" | 1.07 |
| ABOVE ORCHESTRA PIT FLOOR | 8'6" | 2.59 |

| **ORCHESTRA PIT DIMENSIONS** | IMPERIAL | METRIC |
|---|---|---|
| WIDTH | 36’ | 10.97 |
| FRONT TO BACK (At centre) | 18'6" | 5.64 |
| DEPTH BELOW STAGE | 8'6" | 2.59 |
| DEPTH BELOW FIRST ROW OF SEATS | 5'0" | 1.52 |
| OVERHEAD CLEARANCE UNDER LIP | 7'0" | 2.13 |

## LOADING DOOR

| | IMPERIAL | METRIC |
|---|---|---|
| WIDTH | 7'6" | 2.29 metres |
| HEIGHT | 9'8" | 2.94 |
| ELEVATION ABOVE GRADE | 2'9" variable | 0.84 |

**The loading door is located off Opera Lane** and is accessible from Montreal Street or Brock Street. It is necessary for larger trucks to back in from Brock Street. Grand Theatre employees are not able to stop or direct traffic on neighboring city streets or guide and assist in the parking of vehicles. Please plan accordingly, and have members of your company assist your drivers if necessary.

**PARKING**

The Grand has no dedicated parking areas but can usually accommodate 2 larger vehicles (example – 1 tour bus, 1 truck)
Offsite parking for trucks and tour busses can generally be arranged by contacting the production department in advance.
Cars can be parked in the neighboring Chown Parking Garage. Standard fees will apply.

**STAGE DOOR LOCATION**

-At rear of Building. Enter from Opera Lane off Montreal Street

**STAGE FLOOR**

-Masonite on two layers of ¾" plywood. The plywood sits on 2x4 sleepers separated from the concrete subfloor by ¼" rubber pads
**-Standard colour:** Flat Black

**ARTIST ACCOMODATIONS**

-Are located on the second and third floors of the backstage area and in the basement.
-**One solo dressing room** (accommodates two persons)
-**Two group dressing rooms** (maximum legal capacity 30 persons each)
-**Green Room** located in the basement can be subdivided with curtains to provide a variety of dressing room configurations and/or a catering area for performers.
Maximum legal capacity 90 persons
-**Washrooms** are located in the basement and on the second and third floors.
-**Showers**- Three showers are available
-**Washer and Dryer** are located adjacent to the Green Room.
-**Road company office location** is available in the Green Room.

## LIGHTING

**Mounting Positions:**

FOH 1- Near catwalk
FOH 2- Far catwalk
Box Booms left and right
Forestage truss
Onstage pipes 4/14/26/36

**Circuits:** Dimmer per circuit system with 218 20-amp twist lock receptacles available for stage lighting. Please see circuit layout table for detailed information

**Dimmers:** 232 2.4 KW ETC Dimmers

**Non Dims:** 6

**Control:** ETC Ion

**Located:** Back of balcony inside booth

**Alternate control:** Ethernet allows console to be operated from stage left, stage right, house mix position.

**Programmed Touch Pad:** Can be located stage left, stage right, mix position to allow house light control and basic lighting setups for lectures, concerts, etc

**Lighting Network:** Ethernet connectivity is available throughout performance area.

**Work lights:** Located on FOH catwalk 2 and pipes 4,14,26,36
Control is located throughout performance area

**Disconnect Power Sources:** LIGHTING 400-amp 3 phase 208 volt, located upstage right.

SOUND 100 amp 3 phase, 208 volt, located downstage left

## LX CIRCUIT LAYOUT

| CIRCUIT NUMBERS | QUANTITY | LOCATION | NOTES |
|---|---|---|---|
| 1-18 | 18 | SECOND FOH CATWALK (FAR) | PIG TAILS, EVENLY DISTRIBUTED ALONG RAIL |
| 19-44 | 26 | FIRST FOH CATWALK (NEAR) | PIG TAILS, EVENLY DISTRIBUTED ALONG RAIL |
| 45-56 | 12 | STAGE LEFT BOX BOOM | SOCAPEX FROM CATWALK |
| 57-68 | 12 | STAGE RIGHT BOX BOOM | SOCAPEX FROM CATWALK |
| 69-86 | 18 | FORESTAGE TRUSS | SOCAPEX FROM CATWALK |
| 93-94 | 2 | BOX SEAT STAGE LEFT | TWO GANG BOX |
| 95-96 | 2 | BOX SEAT STAGE RIGHT | TWO GANG BOX |
| 97-100 | 4 | ORCHESTRA PIT | FOUR GANG BOX |
| 101-122 | 24 | FIRST ELECTRIC | PIG TAILS EVENLY DISTRIBUTED |
| 127-150 | 24 | SECOND ELECTRIC*** | SOCAPEX FROM GRID |
| 151-162 | 12 | STAGE LEFT*** | SOCAPEX FROM GRID |
| 163-180 | 18 | THIRD ELECTRIC*** | SOCAPEX FROM GRID |
| 181-192 | 12 | FOURTH ELECTRIC*** | SOCAPEX FROM GRID |
| 193-204 | 12 | STAGE RIGHT*** | SOCAPEX FROM PINRAIL |
| 205-207 | 3 | STAGE LEFT PROSCENIUM WALL | 3 GANG BOX |
| 208-215 | 8 | UPSTAGE CENTRE (Back Wall) | 8 GANG BOX |
| 216-218 | 3 | STAGE RIGHT PROSCENIUM WALL | 3 GANG BOX |
| 219-226 | 8 | WORK LIGHTS AND MISC. | |
| 227 | 1 | ORCHESTRA PIT OVERHEADS | |
| 228-240 | 13 | HOUSE LIGHTS | |

***CIRCUITS 127-204 ARE FED VIA SIX WAY SOCAPEX FANOUTS.

CIRCUIT 190 USED TO POWER ETC SELADOR CYC LIGHTS

CIRCUIT 119 on LX 1 USED FOR 4 x ETC COLOURSOURCE PAR

CIRCUIT 147 on LX 2 USED FOR 4 x ETC COLOURSOURCE PAR

CIRCUIT 172 on LX 3 USED FOR 4 x ETC COLOURSOURCE PAR

## HOUSE LIGHTS AND AUXILIARY CIRCUITS

| | | | |
|---|---|---|---|
| 227 | ORCHESTRA PIT OVERHEADS | 251 | WORKLIGHT RECEPTACLE GRID NO 3 |
| 228 | UNDER BALCONY | 252 | WORKLIGHT RECEPTACLE GRID NO 2 |
| 229 | UNDER BALCONY | 253 | WORKLIGHT RECEPTACLE GRID NO 1 |
| 230 | AISLE LIGHTS | 254 | WORKLIGHT RECEPTACLE GRID NO 4 |
| 231 | LED's | 255 | FLY FLOOR WHITE |
| 232 | HANGING POTS #1 RIGHT | 256 | FLY FLOOR BLUE |
| 233 | HANGING POTS #1 LEFT | 257 | UNUSED |
| 234 | HANGING POTS #2 RIGHT | 258 | GRID LIGHTS |
| 235 | HANGING POTS #2 LEFT | 259 | UNUSED |
| 236 | HANGING POTS #4 (part) & BALCONY CEILING | 260-264 | UNUSED |
| 237 | HANGING POTS #3 | 265 | PIT VESTIBULE-FLOOR S/L |
| 238 | HANGING POTS 4&5 & BALCONY CEILING | 266 | WORK LIGHT 219 OVERRIDE |
| 239 | WALL PANEL HIGHLIGHTS | 267 | PIT VESTIBULE FLOOR S/R |
| 240 | TRUSS ACCENT LIGHTS | 268 | WORKLIGHT 220 OVERRIDE |
| | | 269 | FOH CATWALK |
| 241 | FOH CATWALK | 270 | WORKLIGHT 221 OVERRIDE |
| 242 | RECEPTACLE U/R (Rt Half) | 271 | Unused |
| 243 | RECEPTACLE U/R (Lt Half) | 272 | WORKLIGHT 222 OVERRIDE |
| 244 | ORCHESTRA PIT QUAD 2&4 | | |
| 245 | ORCHESTRA PIT QUAD 3&11 | | |
| 246 | QUAD RECEPT STAGE ULC | | |
| 247 | QUAD RECEP STAGE UL&URC | | |
| 248 | WORK LIGHT RECEPTACLE | | |
| 249 | WORK LIGHT RECEPTACLE | | |
| 250 | WORK LIGHT RECEPTACLE | | |

## AVAILABLE LIGHTING INSTRUMENTS

| QTY | INSTRUMENT | BRAND | LAMP | NOTES |
|---|---|---|---|---|
| 20 | SHAKESPEARE ZOOM (15-35º) | ALTMAN | 750W HX755 | *FOH* |
| 24 | SOURCE FOUR ZOOM (15-30º) | ETC | 750W HPL | *FOH* |
| 56 | SOURCE FOUR | ETC | 575W HPL | *STAGE AND SPARE* |
| 12 | SOURCE FOUR (19º) | ETC | 575W HPL | **Permanently hung-box booms** |
| 22 | 6" FRESNELS | STRAND (x18) COLORTRAN (x4) | 1 KW BTR | *STAGE AND SPARE* |
| 38 | SOURCE 4 PARS | ETC | 575W HPL | *STAGE AND SPARE* |
| 16 | Selador Series LED Vivid 11 (One Cell) | ETC | 125W | **8 are hung on 4th Electric for cyc** |
| 16 | Colorsource LED PAR | ETC | 90W LED | **4 on Orch Pit Pipe<br>4 on 1st Electric<br>4 on 2nd Electric<br>4 on 3rd Electric** |
| 10 | Platinum HFX – Hybrid Mover | ELATION | MSD Platinum 14R 280w | **Movable** |
| 2 | 1500 FF MSR | CantoUSA | 1500w MSR Gold FastFit | ***BACK OF BALCONY*** |
| 12 | 5/50 SERIES ELLIPSOIDALS (30º) | COLORTRAN | 1 KW FEL | **NOT STORED ON-SITE** |
| 24 | 5/50 SERIES ELLIPSOIDALS (40º) | COLORTRAN | 1 KW FEL | **NOT STORED ON-SITE** |

**ADDITIONAL NOTES**:

1. SOURCE 4 LENS BARRELS AVAILABLE 22 of 19°, 28 of 26°, 36 of 36°, 10 of 50°
2. STANDARD LENSING- W (VN,N,M are available for all 38 Pars)
3. STANDARD Coloursource PAR Diffusion – M (W also available)
4. TELRAD reflex sights available for both followspots.

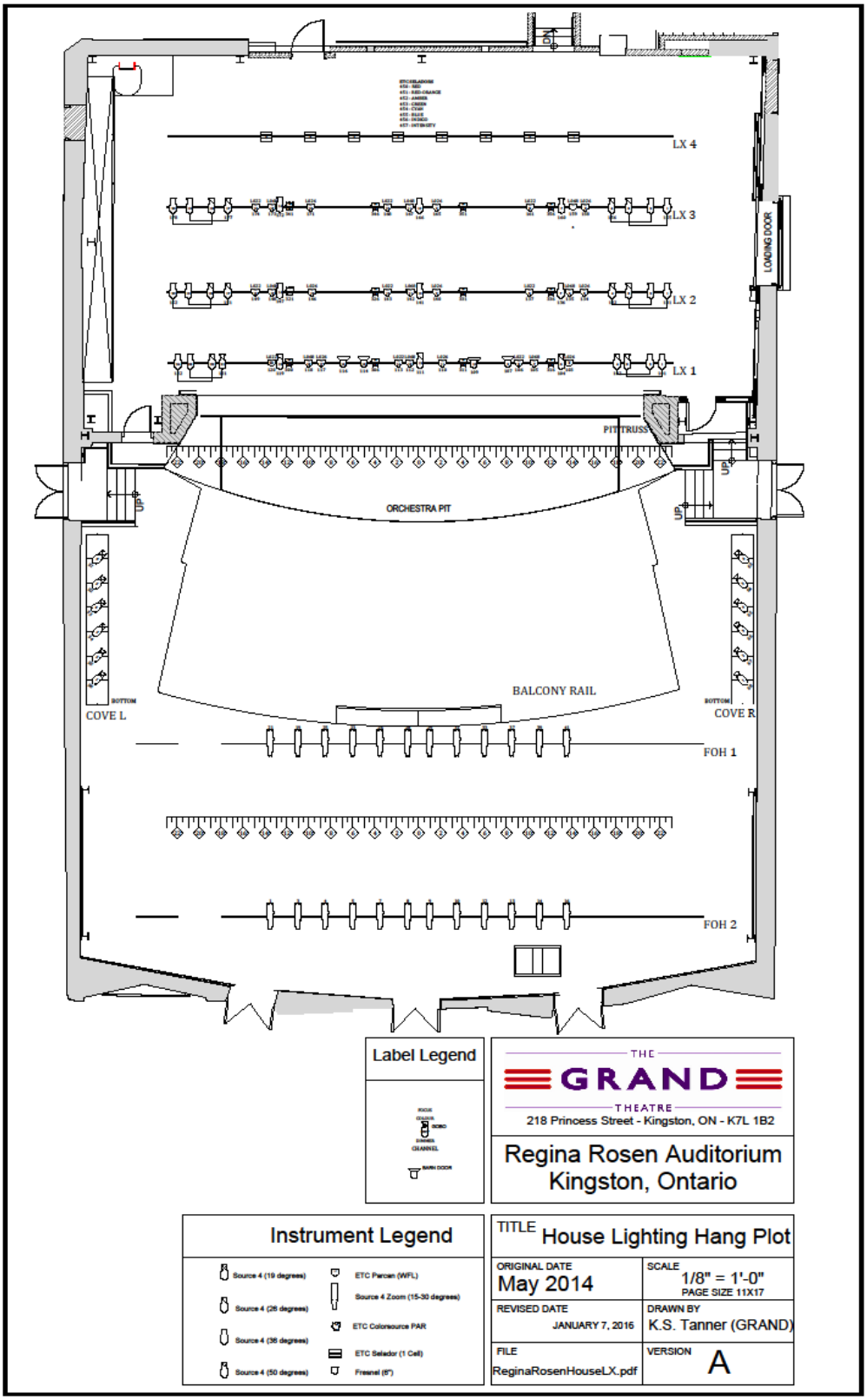
**ACCESSORIES**

- 8 - Booms (10-12' high)
- 10 – Source 4 Iris
- 23 - 6" Barn doors
- Gobo holders for Source Fours, Shakespeare, and Colortran
- Approx. 800 ft 12/3 TLG cable (5', 10', 25' lengths)
- Twofers
- Adaptors Male TLG to female U ground
- 4 ETC DMX Output Nodes
- 2 Chroma-Q 4Play Active DMX Splitters

**COLOUR MEDIA** - Please note that the house carries **LIMITED STOCK** OF LEE and ROSCO COLOUR. IF YOU HAVE EXACT COLOUR REQUIREMENTS WE RECOMMEND THAT YOU BRING YOUR OWN.

The following Lee colours are generally available:
010,022,027,063,068,079,103,107,113,116,126,136,139,141,147,
152,153,161,165,176,180,201,253
The following Rosco colours are generally available
02,04,05,51,65,67,13

# Regina Rosen Auditorium - Diagram & House Hang




***This drafting is not to scale in this information package.**
***House hang is subject to change without notice.**
**A scale pdf file for download of this diagram is available at: kingstongrand.ca/rentals**
**Questions about this drafting, or for alternate formats contact: lstafford@cityofkingston.ca or jhayter@cityofkingston.ca**

## FLY SYSTEM

**The Grand is equipped with a single purchase steel counterweight system. Operation is from the Fly Floor, Stage right**

| | |
|---|---|
| Safe working Load 25lb/lineal foot | SWL on dedicated lighting pipes (4,14,26,36) 30lb/lineal foot |
| SWL on Pit Truss 1750 lb | Length of trusses- 46'0" |
| Number manual line sets 26 | Number motorized sets-5 (Dedicated to orch. Shell + LX Pit truss) |

**ARBOR CAPACITIES – 60 HALF BRICKS IN 8' ARBORS, 73 HALF BRICKS IN 10' ARBORS**
**TOTAL LINESET CAPACITIES ABOVE PIPE WEIGHT: 1150 LBS (1380 LBS FOR ELECTRICS)**
**LINE SET LOCATIONS**

| **DISTANCE FROM PLASTER LINE** | SET | DESCRIPTION | NOTE |
|---|---|---|---|
| 2'0" **Downstage of** | | LIGHTING/AUDIO TRUSS | MOTORIZED- HI TRIM- 22'6" LOAD LIMIT 1750 LBS |
| 0'3" **Upstage of** | | *FIRE CURTAIN* | |
| 1'0" | 1 | HOUSE CURTAIN | |
| 1'8" | 2 | BORDER 1 | |
| 2'4" | 3 | FREE PIPE 1 | |
| 3'0" | 4 | ELECTRIC 1 | |
| 3'8" | 5 | *FUTURE* | |
| 4'4" | 6 | LEG | |
| 5'0" | 7 | ORCHESTRA SHELL | MOTORIZED |
| 5'8" | XX | OBSTRUCTED | |
| 6'4" | 9 | FREE PIPE 2 | |
| 7'0" | 10 | *FUTURE* | |
| 7'8" | 11 | FREE PIPE 3 | |
| 8'4" | 12 | BORDER 2 | |
| 9'0" | 13 | LEG 2 | |
| 9'8" | 14 | ELECTRIC 2 | |
| 10'4" | 15 | *FUTURE* | |
| 11'0" | 16 | FREE PIPE 4 | |
| 11'8" | 17 | *FUTURE* | |
| 12'4" | 18 | MID STAGE TRAVELER | |
| 13'0" | 19 | MID STAGE CYCLORAMA | |
| 13'11" | 20 | ORCHESTRA SHELL | MOTORIZED |
| 14'4" | XX | OBSTRUCTED | |
| 15'0" | XX | OBSTRUCTED | |
| 15'8" | 23 | FREE PIPE 6 | |
| 16'4" | 24 | BORDER 3 | |
| 17'0" | 25 | LEG 3 | |
| 17'8" | 26 | ELECTRIC 3 | |
| 18'4" | 27 | *FUTURE* | |
| 19'0" | 28 | FREE PIPE 7 | |
| 19'8" | 29 | OBSTRUCTED | |
| 20'4" | 30 | LX STORAGE | STORAGE ONLY |
| 21'0" | 31 | BORDER *4* | |
| 21'8" | 32 | LEG 4 | |
| 22'4" | 33 | FREE PIPE 8 | |
| 23'0" | 34 | ORCHESTRA SHELL | MOTORIZED |
| 23'8" | XX | OBSTRUCTED | |
| 24'4" | 36 | ELECTRIC 4 | |
| 25'0" | 37 | *FUTURE* | |
| 25'8" | 38 | FREE PIPE **9** | |
| 26'4" | 39 | UPSTAGE TRAVELER | |
| 27'8" | 40 | ORCH SHELL WALL | CANNOT BE REMOVED |
| 28'4" | 41 | CYCLORAMA | |
| | 42 | SHELL TOWER STORAGE | MOTORIZED |

## SOFT GOODS

| QTY | ITEM | HEIGHT | WIDTH | FULLNESS | COLOUR | NORMAL LOCATION |
|---|---|---|---|---|---|---|
| 1 | HOUSE CURTAIN (BLUE) | 25'0" | EACH PANEL 24'6" | 50% | | LINE 1 **OPERABLE AS A FLY CURTAIN (Guillotine) OR AS A TRAVELER** |
| 2 | TRAVELERS | 24'0" | EACH PANEL 24'6" | 50% | BLACK | LINES 18, 38 |
| 4 SETS | LEGS | 24'0" | 9'0" | 0% | BLACK | LINES 6, 13, 17, 33 |
| 4 | BORDERS | 12'0" | 46'0" | 0% | BLACK | LINES 2,12,24,32 |
| 2 | CYCLORAMA | 24'0" | 44'0" | 0% | WHITE | 1 at LINE 41<br>1 at LINE 3 (Projection) |
| 2 | SCRIM | 22'0" | 44'O" | 0% | BLACK | NOT HUNG |

**PIPE & DRAPE** – 4 x 10' x 12' Black FR Panels, 4 x uprights, 4 x cross braces, 4 x base

**ORCHESTRA SHELL** - The Grand is equipped with an acoustical shell consisting of:

**3 roof pieces**- Adjustable angle, acoustically reflective surface, built in concert lighting fixtures
-Permanently hung on motorized pipes 7, 20, 34,

**Back wall** -Permanently hung on counterweight pipe 40

**6 Rolling sidewall towers** Stored on motorized pipe 42

**Performance area with shell in standard position**

Measured from plaster line: width 40'6"( 12.34 m) x depth 27'8" (8.44 m)
Measured from front of forestage at centre stage width 40' x depth 39'8"

**A hard surface acoustic reflector** hangs in front of and above the proscenium

**ORCHESTRA PIT LIFT**

**Dimensions: Width** 36'6" (10.97 m) **Depth at centre stage** 9'6" (2.9 m)
**Depth stage left and right** 6'10" (2.1 m)

**The lift can be stopped where required, including at**

-**Stage level** to provide a forestage area.
**-Audience level** to provide space for 25 additional seats
**-Orchestra Pit level** 8'6" below stage
**-Basement level-** to facilitate storage of heavy equipment in under-stage area

**ORCHESTRA PIT NET**

Is provided for protection of stage performers and musicians

**ORCHESTRA PIT EQUIPMENT**

The theatre owns 10 Wenger music stands, 10 stand lights, 20 orchestra pit chairs.

**RISERS**

Manufacturer-Staging Concepts Inc. Colour: Black
8 of 4'x8' (1.2x2.4 m) tops
4 of 4'x4' (1.2x1.2m) tops
48 of 8"(.2m)legs 32 of 16" (.42)legs, 32 OF 24" (.6m) legs,
Black skirting, guard rails, chair stops

**PIANOS:** Steinway 9 foot concert grand
Yamaha Upright – **Stored OFF-SITE**

***There is a rental charge for the use of pianos. Tuning, if required, will be charged to the user.**

## COMMUNICATION

**The house is equipped with Clearcom stations located:**

Downstage left and right
Upstage Left and Right
Orchestra Pit
Green Room
Mix Position
Balcony Rail
Lighting Booth
Two spotlight positions
Fly floor
Loading Gallery
Service Catwalk
Lighting catwalks one and two

**Number of headsets/wired beltpacks available**: 10

**Program sound/paging is available to**:

Green Room
Dressing Rooms

**FM hearing assist system** is available

# Audio Patch Points

*XLR connection points are located as follows*

| Location | No. Mic Lines | No. Tie Lines | No. Speaker Lines | No video Lines | Technical power |
|---|---|---|---|---|---|
| Downstage right | 12 | 4 | 2 | 2 | Yes |
| Downstage left | 12 | 4 | 2 | 2 | Yes |
| Upstage right | 4 | 4 | 2 | 2 | Yes |
| Upstage left | 4 | 4 | 2 | 2 | Yes |
| Orchestra Pit | 12 | 8 | 4 | 2 | Yes |
| Green Room | xx | 4 | 2 | 2 | |
| Stage Hub | xx | 67 | 36 | | Yes |
| Mix Position | | 12 | 2 | 2 | Yes |
| Balcony Rail | 2 | 2 | 2 | 2 | Yes |
| FOH Service catwalk (1) | 6 | 5 | 12 | 6 | Yes |
| FOH Mid Catwalk (2) | 2 | 2 | 1 | | Yes |
| FOH Far Catwalk (3) | 2 | 2 | 1 | 2 | Yes |
| Lighting Booth Interface Box | xx | 2 to FOH<br>4 to STAGE | 2 | 2 to FOH<br>2 to STAGE | Yes |

**Data:** 4 x Cat5e with Ethercon connections run from FOH to downstage left wall.
**Cable Pass through for broadcast trucks-** Two eight inch pass throughs located beside the loading door allows cables to pass exterior.
**Technical Power Disconnect-** In addition to the 20 amp technical power outlets listed above, there is a 100 Amp, 208 volt, 3 phase disconnect located down stage left
**FOH Mix Position** is located at back of house stage left of centre.
**Monitor Mix Position** is located downstage left

# Audio Equipment Inventory

## Consoles and Processing

| Quantity | Description | Location |
|---|---|---|
| 1 | Yamaha PM5D 48 channel digital console | FOH or Monitors |
| 1 | DigiCo SD9 Stealth Core 2 (updated Jan 2017)<br>D-Rack – 2 x 32 Mic Input, 8 Output D Racks | FOH or Monitors |
| 1 | DigiCo UB-MADI 48 channel USB interface | With SD9 |
| 1 | Allen and Heath GL-2800- 40 channel analog console | Reserve Stock – Not on site |
| 1 | Meyer Galileo 616 Processor | Stage Left |
| 2 | Drawmer 1960 Stereo Tube Compressors | FOH |
| 7 | Klark Teknik Stereo Graphic Equalizers | 1- FOH<br>4-Monitor Rack- SL |
| 1 | Apogee Big Ben Word Clock | FOH |
| 1 | A.R.T. Cleanbox II | Moveable |
| 1 | Denon DN-D4500 Double CD Player | FOH |

## Speaker Cabinets

| | | |
|---|---|---|
| 8 | Meyer CQ-1 powered cabinets | 4- Centre Cluster<br>2-House left (upper & lower)<br>2- House right (upper & lower) |
| 2 | Meyer HP700 Powered Subs | Ceiling mount at proscenium |
| 2 | Meyer HP600 Powered Subs | Moveable |
| 4 | Meyer 4-XP fill speakers | Stage Lip/Moveable |
| 9 | Meyer UPM-2P fill speakers | 7- Under Balcony Lip |
| 10 | EAW MW12 Micro wedge monitors | Moveable |

## Amplifiers

| | | |
|---|---|---|
| 4 | QSC RMX4050HD | In monitor rack SL |
| 1 | QSC RMX4050A | In monitor rack SL |

## Microphones and Direct Boxes

| | |
|---|---|
| 4 | Shure ULX wireless mic systems with ULX belt-packs |
| 2 | Shure ULX-D4 wireless systems with ULX-D1 belt-packs |
| 3 | Countryman B3 Lavaliere mics |
| 4 | Shure MX153 Earset Headworn Mic |
| 4 | Shure Beta 87A (wireless) |
| 6 | Shure Beta 58A |
| 2 | Shure SM58S |
| 2 | Shure Beta 57A |
| 3 | Shure SM57 |
| 1 | Shure Beta 91 |
| 1 | Shure Beta 52A |
| 2 | Shure SM81 |
| 6 | Shure Beta 98 |
| 2 | Sennheiser e906 |
| 1 | Sennheiser 421 |
| 2 | A.K.G. C-430 |
| 2 | A.K.G. C-414 xls |
| 4 | Shure MX202B/C (hanging choir mics) |
| 3 | Crown PCC160 floor mics |
| 2 | Radial JDI passive direct box |
| 2 | Whirlwind EDB1 passive direct boxes |
| 4 | B.S.S. AR133 active direct boxes |

## Microphone Stands

| | |
|---|---|
| 6 | Round base straight stands |
| 7 | K&M tall boom stands |
| 8 | K&M short boom stands |
| 4 | Table top mic stands |

## Video & Projection Equipment

| Quantity | Description | Location |
|---|---|---|
| 1 | Panasonic PT-DW870UK Projector (8500 Lumens) | Balcony Rail |
| 1 | Panasonic ETDLE085 0.8-1.0:1 Zoom Lens | |
| 1 | Panasonic ETDLE150 1.3-2.0:1 Zoom Lens | |
| 1 | Panasonic ETYFB100G Digital Interface | |
| 1 | Roland V4-EX Video Mixer | Moveable |
| 1 | Draper 10.5' x 14' (4:3 ratio) Screen Kit<br>Front or rear screen available as required. | |
| 1 | IFR Velour Dress Kit | |

**Video connection points** are located throughout auditorium, dressing rooms, greenroom, and lobbies

**Program Video Equipment Inventory**

- 1 Panasonic WV-CP504 Camera (Permanently fixed to Balcony rail)
- 1 Panasonic GP254H Camera (Portable)
- 6 Dynex 21" monitors (Located throughout backstage)
- 2 x 32" Dynex monitors (Located in lobby)

## GENERAL INFORMATION

Administration 613-546-4465
Box Office 613-530-2050
Fax 613-545-7890

e-mail grandtheatre2@cityofkingston.ca
website grandtheatre-kingston.com

Mailing Address 218 Princess Street, Kingston, K7L 1B2

**CONTACTS:**

| | | | |
|---|---|---|---|
| Cultural Director | Colin Wiginton | Ext 1357 | cwiginton@cityofkingston.ca |
| General Manager | Dianne Zemba | Ext 1139 | dzemba@cityofkingston.ca |
| Production Supervisor | Larry Stafford | Ext 1147 | lstafford@cityofkingston.ca |
| Production Supervisor | Jon Hayter | Ext 1134 | jhayter@cityofkingston.ca |
| Box Office Coordinator | Rebecca Brown | Ext 1138 | rbrown@cityofkingston.ca |
| FOH / Hospitality | Keith MacVicar | Ext 1144 | kmacvicar@cityofkingston.ca |