



The Grand Theatre
218 PRINCESS STREET,
KINGSTON, ONTARIO,
K7L 1B2

Updated January 2016

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
 - o Section 22 – Construction Regulations (OH&S Act)
- CSA Approved Grade I (Green Triangle) Protective Footwear
 - o 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.

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

REGINA ROSEN AUDITORIUM

SEATING CAPACITY:

ORCHESTRA LEVEL	398
BALCONY	341
BOX SEATS	12
TOTAL	751
ORCHESTRA LIFT SEATS (IF USED)	25
GRAND TOTAL WITH ORCHESTRA LIFT SEATS	776

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

	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

	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

	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

	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.

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 $\frac{3}{4}$ " plywood. The plywood sits on 2x4 sleepers separated from the concrete subfloor by $\frac{1}{4}$ " rubber pads

-Standard colour 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

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

CIRCUIT LAYOUT- Regina Rosen Auditorium

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
45-5hd6	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	8 GANG BOX
216-218	3	STAGE RIGHT PROSCENIUM WALL	3 GANG BOX
219-226	8	WORK LIGHTS AND MISCELLANEOUS	
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

AVAILABLE LIGHTING INSTRUMENTS

QTY	INSTRUMENT	BRAND	LAMP	NOTES
20	SHAKESPEARE ZOOM (15-35°)	ALTMAN	750W HX755	FOH
24	SOURCE FOUR ZOOM (15-30°)	ETC	750W HPL	FOH
56	SOURCE FOUR	ETC	575W HPL	STAGE AND SPARE
12	SOURCE FOUR (19°)	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 4 on 1st Electric 4 on 2nd Electric 4 on 3rd Electric
2	1500 FF MSR	CantoUSA	1500w MSR Gold FastFit	BACK OF BALCONY
12	5/50 SERIES ELLIPSOIDALS (30°)	COLORTRAN	1 KW FEL	NOT STORED ON- SITE
24	5/50 SERIES ELLIPSOIDALS (40°)	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.

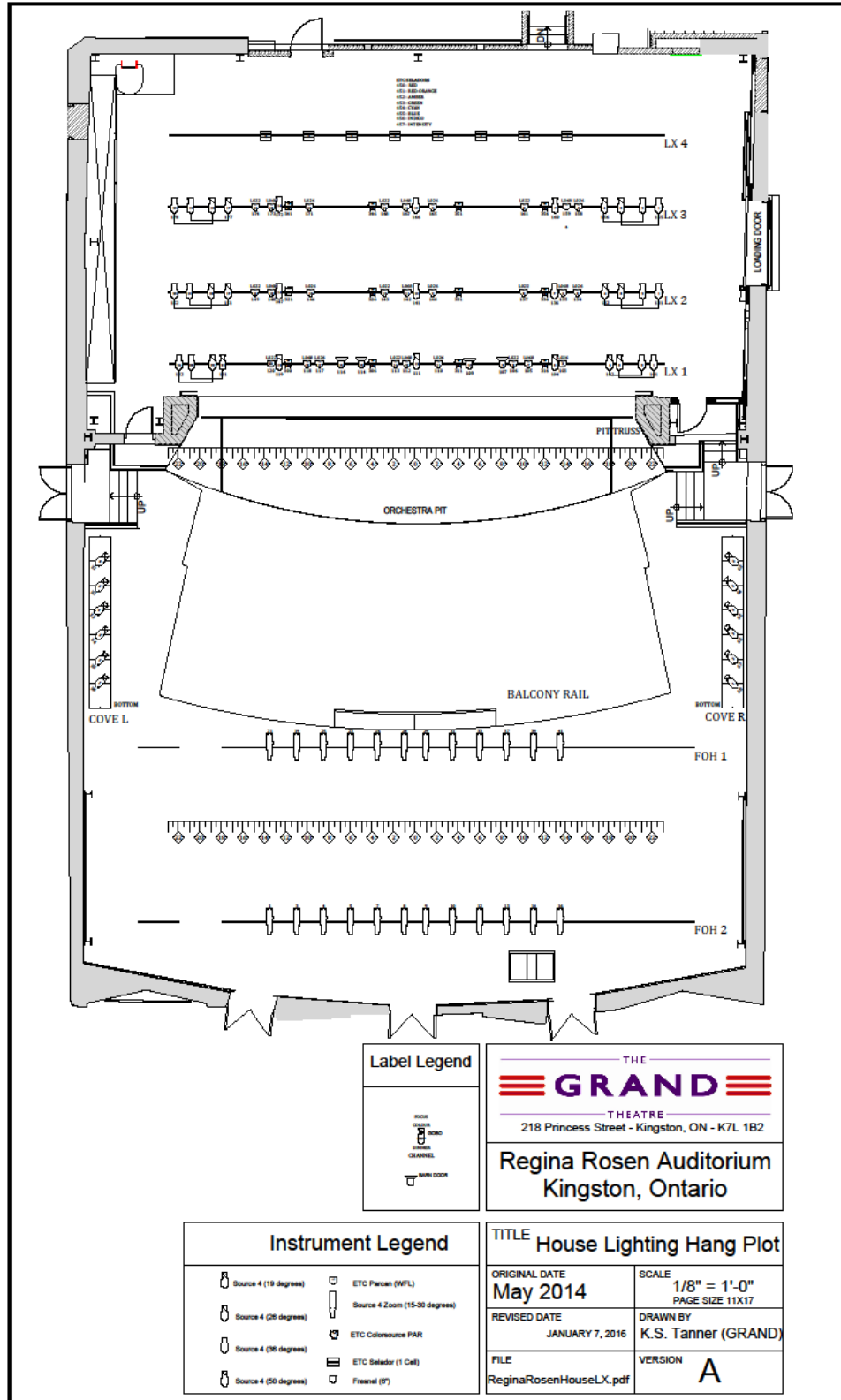
ACCESSORIES

- 8 - Booms (10-12' high)
- 10 – Source 4 Iris
- 23 - 6" Barn doors
- Gobo holders for Source Fours, Shakespeares, and Colortrans
- 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.**

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

CIRCUIT LAYOUT

Front of house Circuits (as viewed from the stage)

FOH 2 Circuits 1-18 (18 circuits)

18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

FOH 1 Circuits 19-44 (26 circuits)

W	4	4	4	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	1	W	
2	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	9	8	7	6	5	4	3	2	1	0	9
2																									2	
0																									1	
																									9	

BOX BOOM STAGE LEFT

Circuits 45-56 (12 circuits)

Ccts 45-50 unassigned

Top	51	S4- 19°
	52	S4- 19°
	53	S4- 19°
	54	S4- 19°
	55	S4- 19°
Bot	56	S4- 19°

BOX BOOM STAGE RIGHT

Circuits 57-68 (12 circuits)

Circuits 57-62 unassigned

Top	63	S4- 19°
	64	S4- 19°
	65	S4- 19°
	66	S4- 19°
	67	S4- 19°
Bot	68	S4- 19°

BOX SEATS STAGE LEFT

Circuits 93-94

No permanent hang

BOX SEATS STAGE RIGHT

Circuits 95-96

No permanent hang

PIT TRUSS Circuits 69-86 (18 circuits)

C/L

86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69
	F			F				F	S4				F			F	

ORCHESTRA PIT

Circuits 97-100

CIRCUIT LAYOUT

Onstage circuits

Viewed from the stage

C/L

WL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	WL
221	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	

SECOND ELECTRIC Circuits 131-152 (22 circuits)

C/L;

	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2

THIRD ELECTRIC (Circuits 155-178 (24 Circuits)

1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7
5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7

FOURTH ELECTRIC (8 x ETC SELADOR, DMX Channels 450-457, CIRCUIT 190 PARKED)

190	190	190	190	190	190	190	190
SEL	SEL	SEL	SEL	SEL	SEL	SEL	SEL

ADDITIONAL CIRCUITS

PROSCENIUM STAGE LEFT

Circuits 205-207

STAGE LEFT DROPS

Circuits 123-125 (Avail for shell roof or side light)

Circuits 153,154,179 (Avail for side light)

Circuits 126-128 (Avail for shell roof or side light)

Circuits 180-182 (Avail for side light)

Circuits 129-130 (Avail for shell roof or side light)

PROSCENIUM STAGE RIGHT

Circuits 216-218

STAGE RIGHT DROPS

193-195

196-198

199-201

202-204

BACK WALL
Circuits 208-215

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	PIN RAIL WHITE
232	HANGING POTS #1 RIGHT	256	PIN RAIL 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 RECEPT STAGE UL&URC		
248	WORK LIGHT RECEPTACLE		
249	WORK LIGHT RECEPTACLE		
250	WORK LIGHT RECEPTACLE		

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 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		<i>FIRE CURTAIN</i>	
1'0"	1	HOUSE CURTAIN	
1'8"	2	BORDER 1	
2'4"	3	FREE PIPE 1	
3'0"	4	ELECTRIC 1	
3'8"	5	<i>FUTURE</i>	
4'4"	6	LEG	
5'0"	7	ORCHESTRA SHELL	MOTORIZED
5'8"	XX	OBSTRUCTED	
6'4"	9	FREE PIPE 2	
7'0"	10	<i>FUTURE</i>	
7'8"	11	FREE PIPE 3	
8'4"	12	BORDER 2	
9'0"	13	LEG 2	
9'8"	14	ELECTRIC 2	
10'4"	15	<i>FUTURE</i>	
11'0"	16	FREE PIPE 4	
11'8"	17	<i>FUTURE</i>	
12'4"	18	MID STAGE TRAVELLER	
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	<i>FUTURE</i>	
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	<i>FUTURE</i>	
25'8"	38	FREE PIPE 9	
26'4"	39	UPSTAGE TRAVELLER	
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 TRAVELLER
2	TRAVELLERS	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 1 at LINE 3 (Projection)
2	SCRIM	22'0"	44'0"	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 belt packs 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 4 to STAGE	2	2 to FOH 2 to STAGE	Yes

Pass through for broadcast trucks- Two eight inch pass throughs located beside the loading door allow cables to pass to the outside.

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 down-stage left

Audio Equipment Inventory

Consoles and Processing

Quantity	Description	Location
1	Yamaha PM5D 48 channel digital console	FOH or Monitors
1	DigiCo SD9 48 channel (12x8 Output) digital console - 2x 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 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 2-House left (upper & lower) 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 w belt-packs & Countryman B3 Lav & Beta 87A
2	Shure ULX-D4 wireless systems with ULX-D1 belt-packs
4	Countryman B3 Lavalier mics
4	Shure MX153 Earset Headworn Mic
4	Shure Beta 87A (wireless)
5	Shure Beta 58A
2	Shure SM58S
2	Shure Beta 57A
3	Shure SM57
1	Shure Beta 91
1	Shure Beta 52A
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	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 (moveable)
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 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

CURRENT CONTACTS:

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