



Technical Handbook

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Manager of Arts and Culture - Brad Rundle

GENERAL INFORMATION

The Gravenhurst Opera House and Arts Centre is one of the finest antique theatres in Canada and the crown jewel of Muskoka, Ontario. Situated at the Gateway to Muskoka in the beautiful town of Gravenhurst, The Gravenhurst Opera House has welcomed patrons of this prestige lakeland region of Ontario for over 100 years

Not only is the region home to many of the rich and famous, the Opera House has been a stepping stone for many high profile entertainers over the years.

The 338 seat theatre features superb acoustics, and a unique antique ambiance in an intimate setting for concerts and theatre presentations. A multi- million dollar, major restoration in 1995 enlarged the stage and refurbished the entire building. For photos of the Opera House please connect to our website: <http://www.gravenhurstoperahouse.com>

SPECIFICS:

Gravenhurst Opera House & Arts Centre
295 Muskoka Road South
Gravenhurst, Ontario, Canada
P1P 1J1

General Manager:

Brad Rundle
Phone: (705) 687 – 5550 x27
Fax: (705) 687 - 5546
email: brundle@gravenhurst.ca

Box Office:

1 888 495 - 8888
(705) 687-5550

Website:

<http://www.gravenhurstoperahouse.com>

Box Office Administrator

(705) 687 – 5550 x21

TOWN INFORMATION

LOCATION OF THEATRE

Gravenhurst Opera House is located about 150 km (90 min.) north of Toronto.

From Toronto, Take Highway 400 north to Barrie.

Take Highway # 11 North from Barrie to Muskoka Road 169, the first Gravenhurst exit.

Take first "left" off highway, in front of McDonalds Restaurant, which is Muskoka Road South.

The Opera House is at 295 Muskoka Road South - in the center of town, approximately 5 minutes.

There is free parking behind the theatre.

Local Ammenities

For Accommodations, Taxi services and Restaurants visit our website at www.gravenhurst.ca

EMERGENCY NUMBERS: Police, Fire, Ambulance 911

Hospital Emergency

South Muskoka Memorial

705 645 - 4404

BUILDING LAYOUT

The theatre is located on the second floor of the building. The first floor consists of the Lobby, Box Office and the Trillium Court, a Banquet and reception hall. There is a floor below the main level which consists of the loading dock, a storage/rehearsal room, washrooms and other building services.

BELOW GROUND LEVEL:

Loading Dock
Office
Public Washrooms

GROUND LEVEL:

Lobby
Box Office
Trillium Court Banquet Room
Managers Offices
Bar Facilities
Dressing Rooms
Accessible Washroom

THEATRE STAGE LEVEL:

Stage
Ladder Access to Tech Loft

THEATRE SEATING LEVEL:

338 Orchestra Level Seats -
(including 18 oversize end seats)
6 disabled seating spaces (front row)

All levels are accessible by elevator

This is a non-smoking building

No Fog Machines or Hazers

TRILLIUM COURT BANQUET ROOM - Details

Visit our website at www.gravenhurst.net

- 1500 Square Feet with 8 pillars
- Licensed bar
- Upright Piano
- 10 x 60" round Tables/ 10 x 8' rectangular tables
- 100 Chairs
- Maximum Capacity seating 100 standing 200

FRONT OF HOUSE

Box Office: (705) 687 - 5550 1 888 495-8888

Online Ticketing System (SABO)
Tickets are sponsored

Box Office Staff:

Full Time 1
Part Time 1 Varies during summer months
Outside ticket sales are available by special request only.

Front of House Staff:

Ticket Takers	2	Ushers	4	Bar	1
Coat Check	must be prearranged			Volunteers	70

House receives 10% of all merchandise sales.

PERFORMANCES

Normal Show Times: Evening - 8:00 pm to 10:30 pm 20 minute intermission
 Matinee - 2:00 pm to 4:30 pm 20 minute intermission

LOAD-IN AND SET-UP

- There are 3 crew on staff available at \$30/hr. Please arrange in advance.
- Visiting crews operate equipment with approval of manager and under the supervision of house technician.
- Load in Doors are at side of building - very close to street
- Limited maneuverability for cube vans and larger trucks
- Street parking only for trucks
- No ramps/dock plates/levelers/forklifts available
- Loading Dock is below stage level - Stage is accessed by elevator. Capacity is 4500 lbs./Cab height - 7 feet/ Door is 4' wide x 7' high
- Smallest Door to stage is 4' wide x 6' 10" high
- Smallest Door to Dressing Rooms is 2' 7" wide x 6' 4" high
- Distance from loading door to stage via elevator: 20 feet
- via stairs: 3 flights + 20 feet
- Load in/out time is between 8:00 am and midnight unless prior arrangements are made.
- A Genie lift is available: Maximum height 25', weight 300lbs

STAGE

Proscenium Stage Opening: 26'4" wide by 17'0" high
Seating Area: 59' length by 37' width - 338 seats

Stage Dimensions:

PLOT	Description	Dimension
A	Zero to back wall of stage	24' 3"
B	Zero to front of Orchestra Pit	NA
C	Zero to front of stage apron	5' 3"
D	Zero to back of fire curtain	NA
E	Thickness of fire curtain Pocket	NA
F	Centre to Stage Right wall	26' 9"
G	Centre to Stage Left wall	26" 10"
H	Centre to on-stage right of gallery	22' 7"
I	Centre to on-stage left of gallery	23' 2"
J	Stage Floor to underside of first gallery	14' 11"
K	Stage Floor to underside of grid	26' 4"
U	Zero to front of rear gallery	NA
W	Stage Height relative to auditorium	3' 1"
V	Stage Floor to underside of rear gallery	NA
T	Zero to back wall of fly tower	NA
U	Auditorium	59' X 37'

There are no obstructions on-stage, or in wings. Upper fly gallery is the only obstruction in heavens.

- Masonite stage Floor - Black
- No paint/screws/nails/holes
- No trap door
- No Orchestra Pit
- No carpentry workshops
- Crossover: Backstage - behind back wall accessible from SR & SL; Dimensions: width 7' 6" x 4' 1"

Rehearsal & Green Room:

There is no Green Room. The Trillium Court Banquet Hall has a bar and concession stand.

RIGGING

FLY INFORMATION & LOCATIONS:

- counter weight/nylon individually and manually operated system
- Single purchase
- maximum load per pipe is **2200 lbs.**
- Lines per pipe is 4
- No ganging of pipes for heavy lifting
- Counterweight is operated from gallery.
- Loading Floor is from gallery.
- Maximum Height that will hide in fly gallery is 10' 4"
- Pipe Lengths 34 feet.
- Pipes are centered with no extentions available.
- 4 pin rails
- No mechanical hoists or spot lines
- Genie Tower is on site (**Maximum 300lbs & 25 feet of lift**)
- House Curtain & Cyclorama are counterweighted and operated from SR Floor
- Galleries are accessed from service ladders on SR & SL deck
- Grid is accessed from service ladder on SR

Line Set	Distance From <0>	Item	Comment
1	0	Valance	
2	8"	Main House Traveller	from Plaster Line
3	2'	1st LX	
4	4' 4"	1st Border	
5	3'	1st Free	from Plaster Line
6	5'	1st Legs	
7	5" 4"	2nd LX	from Plaster Line
8	7' 1"	2nd Border	
9	8' 1"	2nd Free	from Plaster Line
10	10' 4"	2nd Legs	
11	10' 9"	3rd Border	
12	13' 0"	3rd Free	from Plaster Line
13	15' 4"	4th Free	from Plaster Line
14	16' 7"	3rd Legs	
15	16' 9"	4th Border	
16	19' 3"	3rd LX	from Plaster Line
17	22' 8"	5th Free	from Plaster Line
18	23' 9"	Traveller	from Plaster Line
19	24' 3"	Cyclorama	Back Wall

STANDARD HOUSE DRAPERY PLOT:

All trim heights are essentially permanent as there is no weight to balance the pipes on-stage.

- House Curtain is a black velour traveller operated from the SR Deck.
- Curtain Backdrop is a black velour traveller operated from SR Deck. Dimensions: 21' H x 38' W (Line set #18)
- Cyclorama is a white, thin vinyl-esque. Dimensions: 20' 9" H x 37' & ' W located on line set #19. (Not a wraparound)

Item	Flame Proofed	Distance from Plaster Line	Colour	Size W X H	Full-ness	Material	Distance to Centre
#1 Border	No	4' 4"	Black	4' 0" x 41' 0"	150	Velour	14'
#1 Legs	No	5' 0"	Black	4' 0" x 17' 4"	150	Velour	
#2 Border	No	7' 1"	Black	4' 0" x 41' 0"	150	Velour	13'
#2 Legs	No	10' 4"	Black	4' 0" x 21'½ "	150	Velour	
# 3Border	No	10' 9"	Black	4' 0" x 41' 0"	150	Velour	13' 2"
#3 Legs	No	16' 7"	Black	4' 0" x 21'½ "	150	Velour	
# 4Border	No	16' 9"	Black	4' 0" x 41' 0"	150	Velour	

DRESSING ROOMS

Stage Level is <0> for the purpose of locating all rooms.

Floor	Dressing Room #	Capacity	Racks	Chairs	Mirrors	Sinks	Showers	Toilets
-1	A	11	Yes	9	10	2	1	1
-1	B	11	Yes	8	8	2	1	1

Equipment/Facility	Available
Washing Machines/ Dryers	No
Steam Irons	Yes
Steamers	No
Sewing Machines	No
Wig/Make up Room	No
Exhaust Hood	No

A full service Laundromat is located one block south of The Opera House

ELECTRICS

CONTROL:

- Console: Lee Colortran Encore Location: Control Bridge
- HL Control Model: Lee Environmental Lighting Location: SR Deck

DIMMERS:

- Quantity: 96 Wattage: 2.4 kW
- Not controllable by visiting company's console
- Control Wiring is DMX
- No Front of House transfer available for touring company dimmer racks.

LIGHTING POWER SOURCE:

Touring company power is 120/208 V 3 phase 400 amps and is located on the SR wall. Connector type is bare ends.

INSTRUMENT INVENTORY:

Quantity	Brand	Type	Watts	Bulb
12	Colortran	30 degree	1,000	FEL
18	Colortran	20 degree	1,000	FEL
1	Colortran	ZOOM	1,000	FEL
2	Colortran	Mini Zoom	750	FMR
18	Colortran	6" Fresnels	750	BTN
12	Source	Par 4's	575	HPL
6	Coda Cyc Light	3 Light	500	FCL

- FOH 10 Scroller Units with 16 gel colours per unit
- 1 Hand Held remote
- There are no electrical workshops on site.

SOUND REINFORCEMENT

EQUIPMENT INVENTORY:

MIXING CONSOLE: Interface: Crest Century 24 x 4
 22 microphone, 2 Stereo inputs/4 Line
 Location: Control Bridge (Option:Main Floor Centre/Rear)

AMPLIFIERS:

Quantity	Manufacturer	Model	Application
2	Crest	FA 901	Monitor Mixes
1	Crest	FA 902	Centre Fill
1	Yamaha Class H	H5000	FOH Hi/Mid
1	Yamaha Class H	H7000	FOH Low
2	TOA 900 Series	A-906 Mk2	Program Sound

FRONT OF HOUSE SPEAKER SYSTEM		
Quantity	Description	Location
4	FOH BAG END S18-C	FOH Mains (Low End)
2	Yorkville Elites	FOH Mains (Left & Right)
4	Monitor Transparence	Backstage Wings

PLAYBACK DEVICES:	
Quantity	Description
1	Tascam 122 MK III Cassette Deck
SIGNAL PROCESSING:	
1	Lexicon MPX 100 Digital Effects
2	Ashly GQX 3102 1/3 Octave EQ
1	dbx 1046 4 channel dynamic (compressor/limiter)
1	TC Electronics Dual FX Processor

MICROPHONES:	
Arranged by 3 rd party rental	
	A variety of professional microphones are available
	Through a 3 rd party local rental company
MICROPHONE STANDS:	
Arranged by 3 rd party rental	
	Boomstands
	Table Stands

INTERCOM SYSTEM/OTHER SYSTEMS:

- Clearcom with 10 hard wire lines; One base unit - 2 channels
- 4 Head sets/ 4 Belt packs Model 501
- Hearing Impaired - (FM Transmitter)
- Program Sound in Dressing Rooms & Lobby

TOURING AUDIO SOURCE:

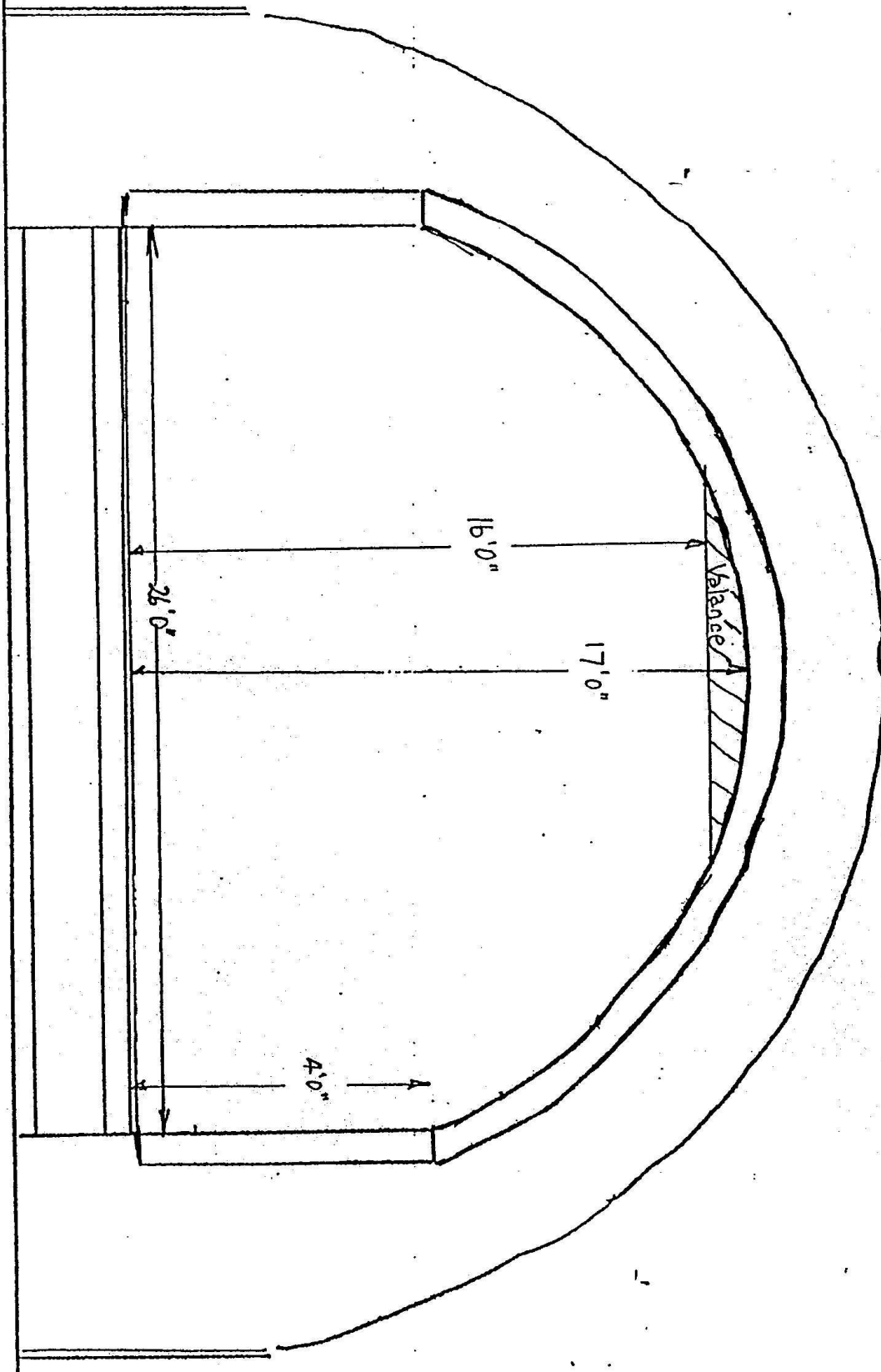
Isolated Transformer 120/208V 3 Phase, 200 amp located at SR. Bare end Connectors.

Available to rent and tuned for each show run =

Piano is a 9 Foot Steinway Concert Grand

See attached drawings for additional information

Proscenium Drawing



OPEKA HOUSE
GRAVENHURST
View of stage front

