



# THE ROYAL OPERA HOUSE

## MUMBAI

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**The Royal Opera House Mumbai (ROHM)** is widely touted as Mumbai's Cultural Crown Jewel and India's only surviving Opera House. The original idea for the space was conceived of in 1908, inaugurated in 1911 by King George V, and eventually completed in 1916. The design incorporated a blend of European and Indian detailing. The space became a cinema in later years before falling into disrepair and shutting by the 1990s. Fittingly, the space has been owned by the Royal Family of Gondal since 1952 and was eventually restored by conservation architect, Abha Narain Lambah under the leadership of the current Maharaja of Gondal, Shri Jyotendrasinhji. The Royal Opera House Mumbai, now one of the last remaining Baroque structures in the city, reopened after 23 years in October 2016. The building was included on the 2012 World Monuments Watch to raise awareness about its history and significance, and support preservation efforts. Today, it stands as a prime example of restored and renewed city heritage.

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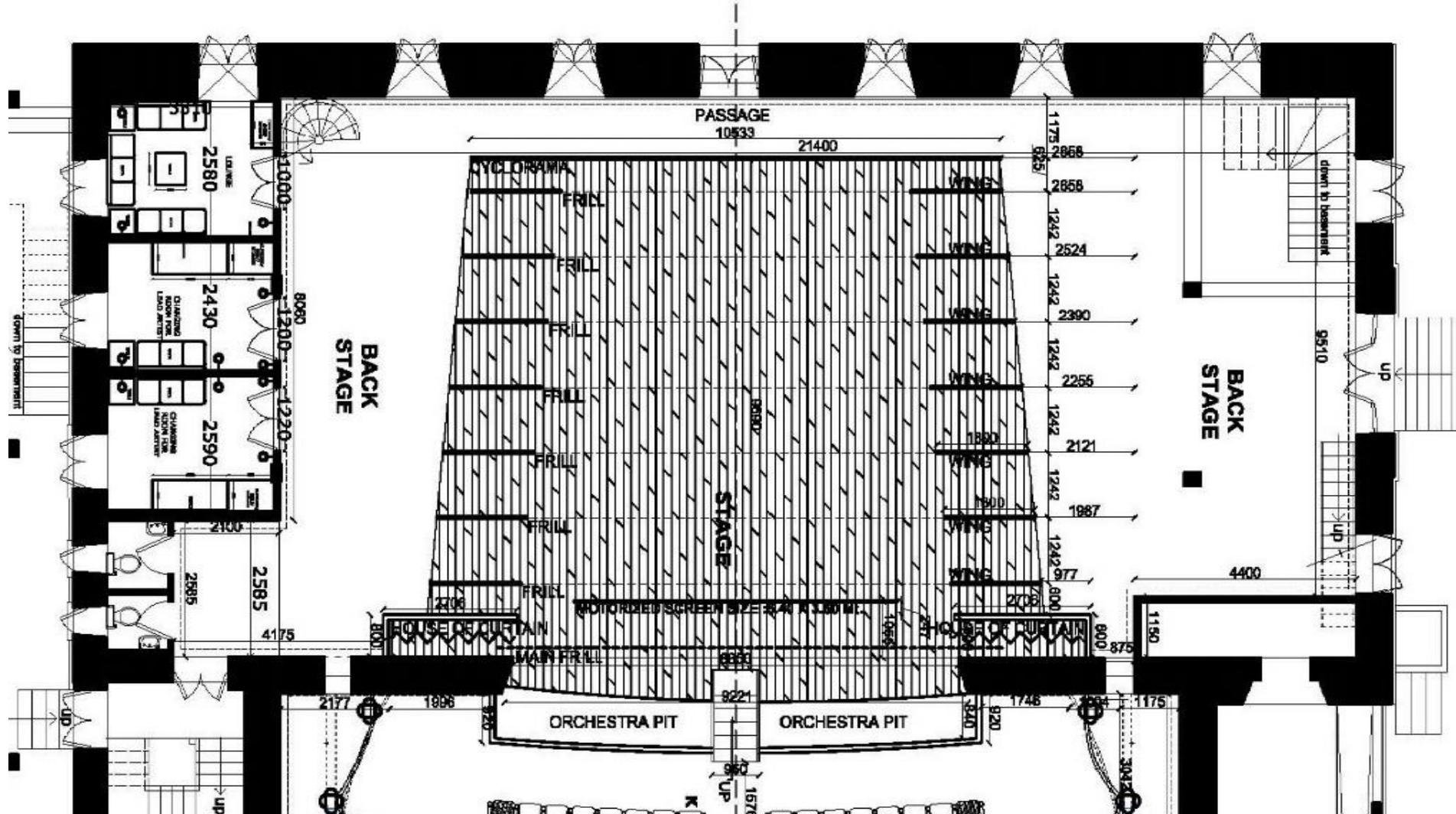
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# Opera House: Technical Rider

## Salient Features

- Total Seating Capacity: 575 over 3 levels (Royal Stall, Dress Circle & Grand Balcony)
- Co axial Ceiling Speaker System for Foyer, Ticket Lobby & Common Areas
- Sound Systems from Soundcraft, Crown, JBL, dbx Harman, AKG
- High Quality Monitor Speaker for Green Room and Backstage
- Four Zone Volume Controller Panel
- Jazz bar & Restaurant in the parking lot
- Café in the premise of Royal Opera House
- Old world charm and modern sophistication, along with the latest in technology





# Stage Layout – Details (Sizes in meters)

## Stage Size:

**Including Back Stage:** 10.689 (L) X 8.68 (B)

**Excluding Back Stage:** 7.95 X 8.68 (Center Stage)

**Orchestra Pit (before stage):** 8850 X 840

(with center stage steps 950 W)

## Dimension (with center stage steps 950 W):

Max Length: 9.221

Max Breadth: 0.920

Min Length: 7.900

Min Breadth: 0.840

**House of Curtains (both sides):** 12.192 (L) X 8.229 (B)

**Motorized Screen:** 6400 X 3600 | 1055 from the main frill

## Total Frills: 7

Area covered within each frill (from front):

Frill 1: 1.40 x 8.53

Frill 2: 2.80 x 8.53

Frill 3: 4.72 x 8.53

Frill 4: 6.24x 8.53

Frill 5: 8.99x 8.53

## Stage Left Side (from front):

**2 Restrooms, total:** 3310 X 2585

**Changing Room 1:** 3310 X 2590, Door: 1220

**Changing Room 2:** 3310 X 2430, Door: 1200

**Lounge:** 3310 X 2580, Door 1000

## Curtains and Wings:

**1 Main Curtain**

13.9 x 8.0 meters

**1 Mid Curtain**

10.0 x 5.5 meters

**1 Rear Curtain**

10.0 x 5.5 meters

**14 Wings**

1.8 x 6 Meters

Wings – 1 meter movable within proscenium

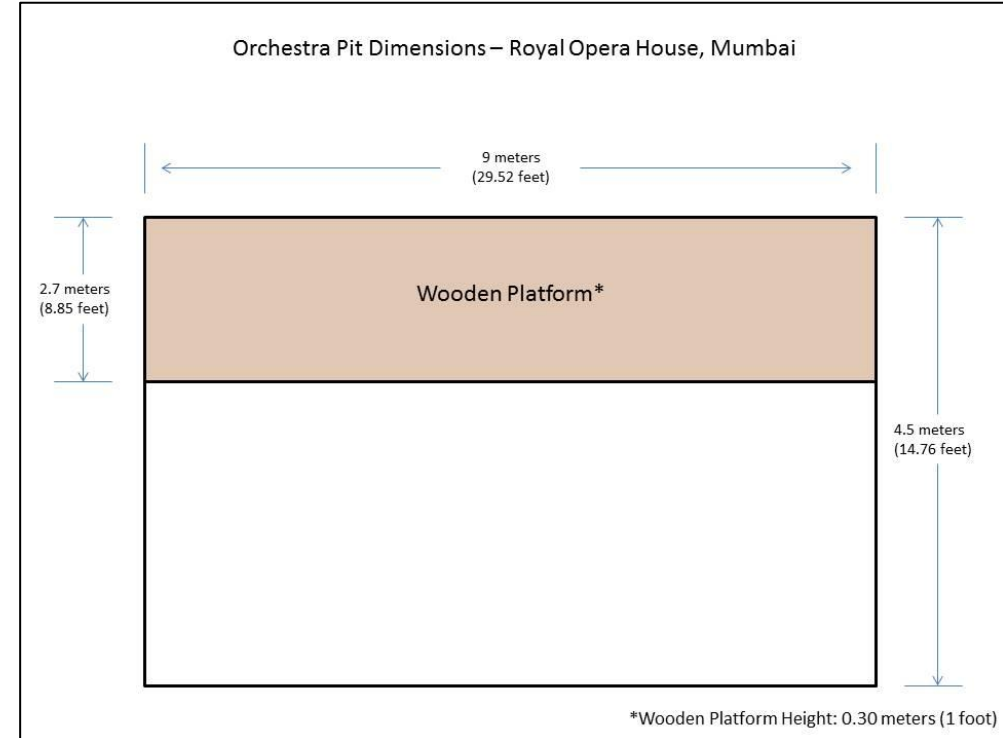
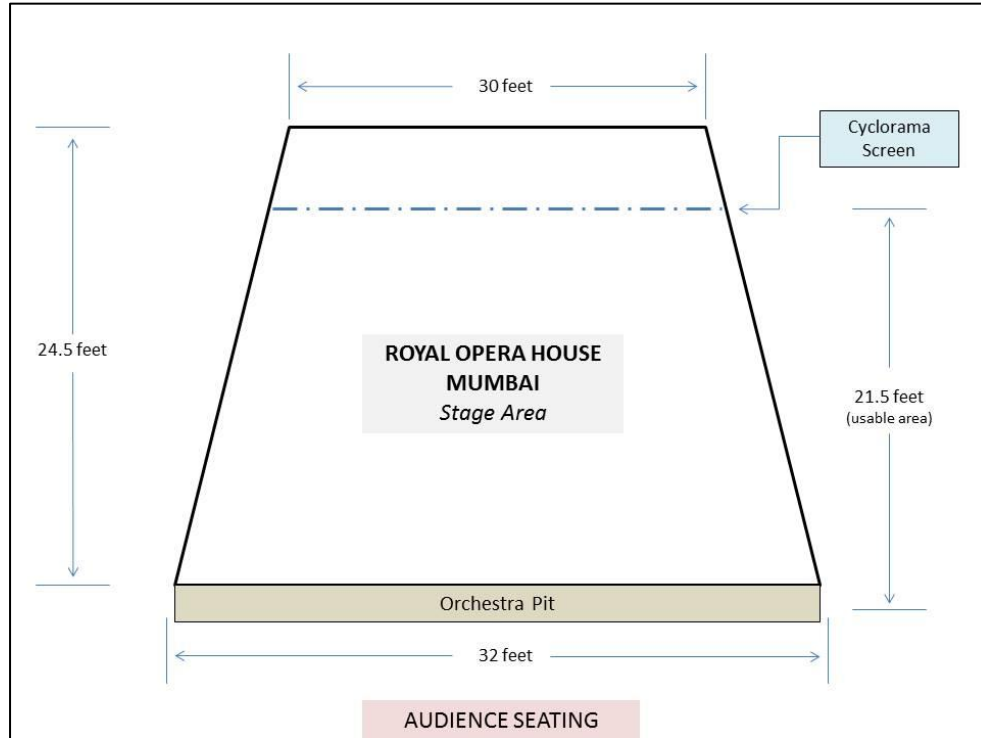
## 1 Cyclorama Screen

8.50 x 5.50 meters

## Power

The power provided in the auditorium is commensurate with installed equipments as per this tech rider. Any additional equipments will need additional power which will have to be arranged by the organizer.

# Stage - Size, Height, Length



## Stage Size (meter):

### Length

10.6 x 18 (wooden stage)

10.6 x 21 (up to main gate)

### Height

14 Meters upto grid + 4 more upto to roof.

## Stage Proscenium Size :

Width : 8.683 Meter

Height : 8.00 Meter

## Stage load bearing capacity :

300 to 400 Kg per sq. meters

# Stage Lighting Details

Serial Number	Details	Total Number
1	1X500 watt Single Compartment Cyclorama	8
2	1000 watt Halogen Spot Lights	16
3	1000 watt Mini Halogen Flood Light	4
4	1000 watt PARCAN Made Out of Spun	24
5	1000 Single Lens Profile Spot Light	2

## Number of Light Bars:

5 Light Bars  
1 Cyc Light Bar

6 Side Light Ladders

1 F.O.H. Light Bar 1 – 18 Points ( can put 18 lights)

5 Phrill Bars

92 Light Points including F.O.H [ Power Junction Box]

1 Light Control Desk

Light Bar's load bearing capacity: 120 kgs



# Sound Equipment

## PA

JBL VT-4886	SPEAKER	18
JBL ASB 6128	SUB WOOFER	4
JBL AC18/26 - WH (FRONT FILLS + BALCONY)	SPEAKER	14
CROWN ITHD 12000	AMPLIFIER	5
JBL DCI4 300N	AMPLIFIER	1
JBL DCI4 600N	AMPLIFIER	1

## CONSOLE

SOUNDCRAFT SI - PERFORMER 3	MIXER	1
SOUNDCRAFT MINI SB32	STAGE RACK	1
BSS BLU-806	CROSSOVER	1
CONTROL 2PS/230	SPEAKER	1

## MONITORING

JBL STX 812M	SPEAKER	4
CROWN XTI 6002	AMPLIFIER	2

## MICROPHONES

### AKG PERCEPTION LIVE DRUM SET

AKG P2	KICK MIC	1
AKG P4	DRUM MIC	4
AKG P17	OVERHEAD MIC	2
AKG C518M	CLIP ON CONDENSER	4
AKG D40	DYNAMIC MIC	6
AKG C411P	CONTACT MIC	2
AKG D5	DYNAMIC MIC	6
AKG GN50ESP	PODIUM MIC	2
AKG C417L	LAPEL MIC*	4
AKG HC82MD	HEADSET MIC	4
SHURE SM58	DYNAMIC MIC	4
SHURE SM57	DYNAMIC MIC	4
SHURE BETA58	DYNAMIC MIC	4
dbx Db12v	DI	14

AUDIO TECHNICA AT897	SHOTGUN/ HANGING MIC	6
CROWN PCC160	BOUNDARY MIC	5

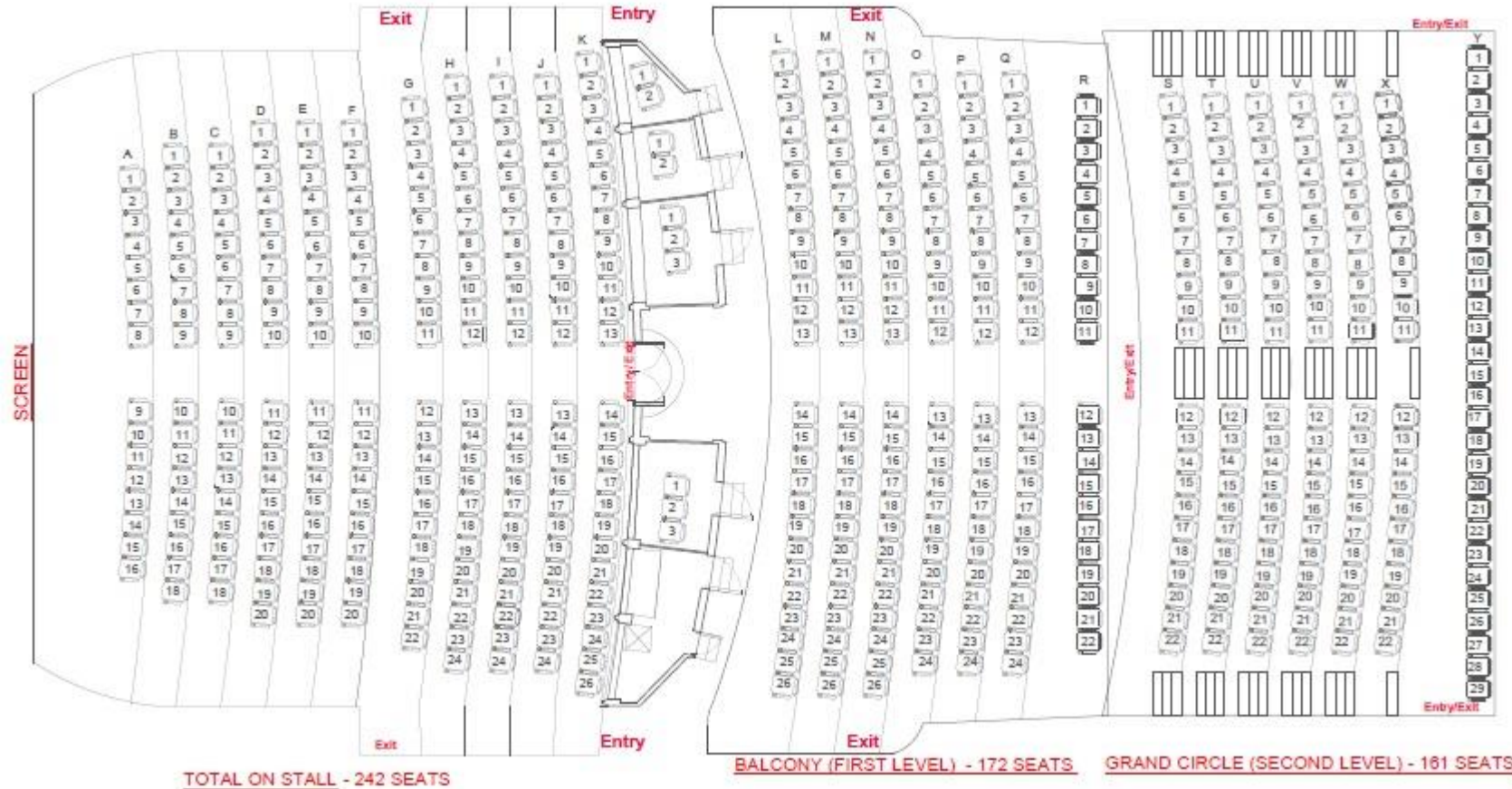
## WIRELESS

AKG DPT800	BELTPACK	4
AKG DHT800	HAND HELD	4
AKG DSR800	WIRELESS RECEIVER	4
AKG APS 4-EU	ANTENNA SPLITTER	1
AKG SRA 2B/W	ANTENNA PLATE	2

## MISCELLANEOUS

K & M BIG BOOM STAND	MIC STAND	6
K & M SMALL BOOM STAND	MIC STAND	6
K & M ORCHESTRA STAND	MUSIC STAND	3
MANHASSET ORCHESTRAL STAND	MUSIC STAND	3
XLR(M) TO XLR(F)	MIC CABLES	23
PHONO TO PHONO	MIC CABLES	23
EP TO PHONO	MIC CABLES	2
EP TO XLR(M)	MIC CABLES	1
POWER BOARDS (4 Schuko, 4 Indian)	POWER	4
SPEAK ON CABLES (10 metres)		4

# Seating Plan - Opera House Theatre, Mumbai



## Drawing Contents

### CAPACITY :

LOWER LEVEL - 232 SEATS

BOX SEATING - 10 SEATS

**TOTAL ON STALL - 242 SEATS**

GOOD VISION - 202 SEATS

OBSTRUCTED VISION - 40 SEATS

**BALCONY (FIRST LEVEL) - 172 SEATS**

GOOD VISION - 140 SEATS

OBSTRUCTED VISION - 32 SEATS

**GRAND CIRCLE (SECOND LEVEL) - 161 SEATS**

GOOD VISION - 68 SEATS

OBSTRUCTED VISION - 93 SEATS

**GRAND TOTAL - 575 SEATS**

TOTAL WITH GOOD VISION - 410 SEATS

TOTAL WITH OBSTRUCTED VISION - 165 SEATS

### ENTRY & EXIT DOORS:

STALL (GROUND FLOOR) - 5 DOORS

BALCONY (FIRST FLOOR) - 5 DOORS

GRAND CIRCLE (SECOND FLOOR) - 2 DOORS

### DISTANCE BETWEEN ROWS

- 4' to 5'

### SIZE OF THE STAGE

- 28'-6" X 44'-2" X 44'-2"

### SIZE OF THE SCREEN

- 20'-11" X 11'-9"

### DISTANCE BETWEEN STAGE & SEATS

- 6'7"

### DISTANCE BETWEEN SCREEN & SEATS

- 13'

### SIZE OF STALL

- 58' X 42'-11"

### SIZE OF BALCONY CLASS

- 53' X 25'-6"

### SIZE OF GRAND CIRCLE

- 53' X 26'-6"

### TOILETS

#### STALL LEVEL

GENTS 2 WCs, 3 BASINS, 6 URINALS

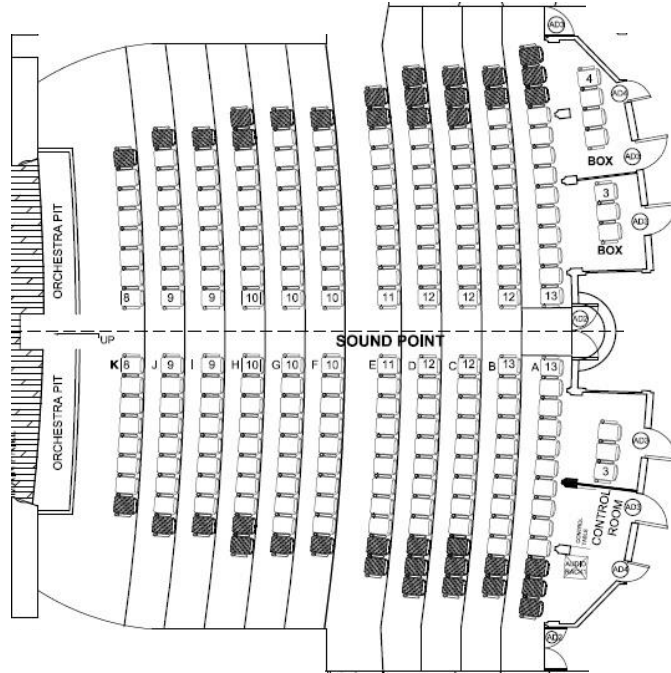
LADIES 2 WCs, 2 BASINS

#### BALCONY CLASS & GRAND CIRCLE

GENTS 1 WCs, 2 BASINS, 4 URINALS

LADIES 3 WCs, 2 BASINS

# Seating Layout



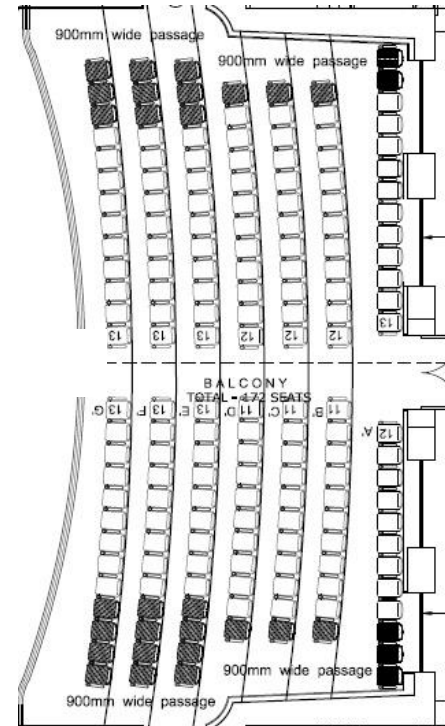
## Royal Stalls

Seating Capacity

**Total: 242 Seats**

- Lower level - 232 seats
- Box seating - 10 seats
- Good Vision seats – 202 seats
- Obstructed Vision – 40 seats

\*Seats with restricted view marked in **grey**



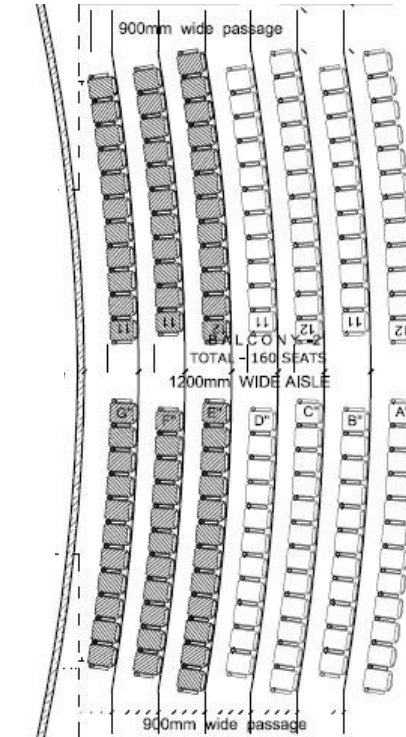
## Dress Circle

Seating Capacity

**Total: 172 Seats**

- Good Vision seats – 140 seats
- Obstructed Vision – 32 seats

\*Seats with restricted view marked in **grey**



## Grand Balcony

Seating Capacity

**Total: 161 Seats**

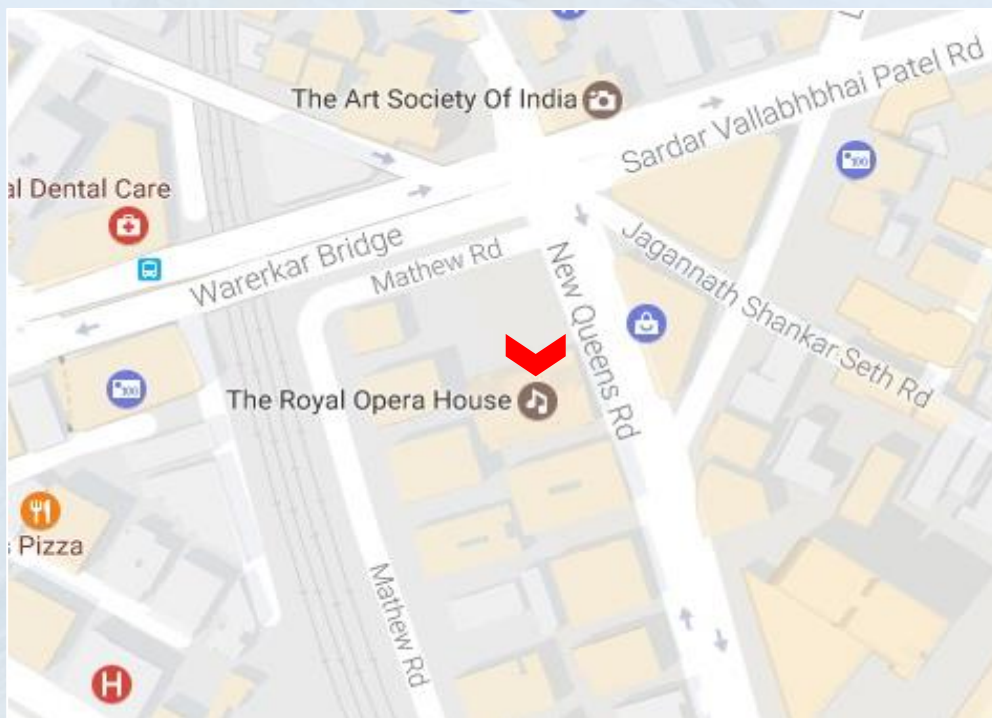
- Good Vision seats – 68 seats
- Obstructed Vision – 92 seats

\*Seats with restricted view marked in **white**



## CONTACT US

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### Visit Us

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\*Binoculars are available for Grand Balcony (Please check with the management for rental details)



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