

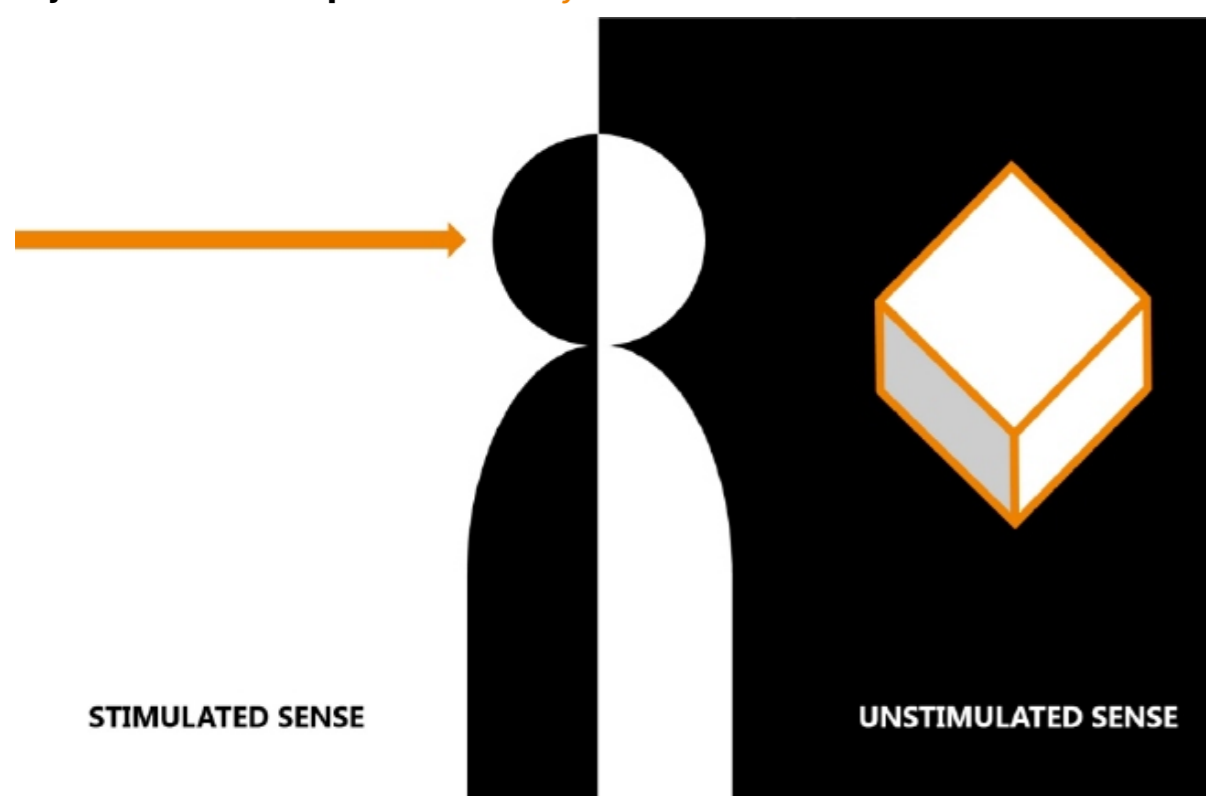
ART AS AN DIVERSITY
 URBAN TOOL EAST MEET WEST
TOKYO JAPAN
 TRADITIONAL MODERN

In the Nature and Principles of Tokyo Visions for Art and Culture, noted that Tokyo is a city that blends tradition with the modern, and where east meets west. It is a unique cultural city with a rich diversity and depth. Tokyo's distinctive cultural value, which embodies this uniqueness and diversity, will be strongly promoted both in Japan and abroad as the Tokyo brand.

To continue growing, Tokyo aim to make it the most dynamic and mature cultural city in the world by positioning the arts and culture as an important urban tool, and seeking to enhance both cultural richness and economic revitalisation.

Tokyo can enhance its value and continue to develop as an attractive city by restructuring its arts and cultural resources and manifesting new possibilities. Tokyo use the arts and culture to create a new Japan that will draw the attention of the world by not only undertaking these initiatives within Tokyo but spreading them across the country, and accelerating cultural exchanges within Japan. To this end, Tokyo will promote the building and reinforcement of collaboration between all people and organisations, and emphasise the fact that Tokyo and all layers of its people play an indispensable role in realising this vision.

Synesthetic Perception: The Unity of Human Senses



Synesthesia is a neurological condition where a **stimulation of one sense are automatically translated into other unstimulated sensory perceptions.**

According to research scientists, this is due to the connection between the sensory nervous system with other sensory nervous system. **Human sensory system does not work separately, but simultaneously work together.** In this design Synesthesia used as a basic concept in the design.

Synesthesia approach puts the building as synesthete, which is **as a subject that has the ability synesthesia.**

In designing the Tokyo Music Center, the function x to y illustrated with musical to spatial. So the Music Center building **'hear' man-made musical work with sensor technology, and then express it automatically becomes kinetic-spatial experience, the Audience Moving Seats.**

This idea was born from **the perception of Japanese that sees anything as a living being.**

Metabolism Architecture: Architecture as A Living Organism



Metabolism Architecture is the idea to sees **Architecture as a living being.** Taking the term of biology concepts, metabolism idea describes a work of architecture or town that **has the ability like living beings that continue to grow, reproduce and transform in response to environmental conditions.**

The principles commonly found in the metabolism architecture building is **not static but dynamic.** Its organic, always changing and growing. And the most important is **adaptive to the surrounding environment and always considers the land expediency.**

Architecture Metabolism is the way the Japanese see the architecture, that the building is a dynamic living things and grow.

In this design, **Synesthesia approach sees the building as living being who live and feel what is around it and express it actively.** Metabolism Architecture support the basic concept of this design and as the precedent of land expediency in Japan.

Harajuku: Center of Tokyo Dynamic Culture

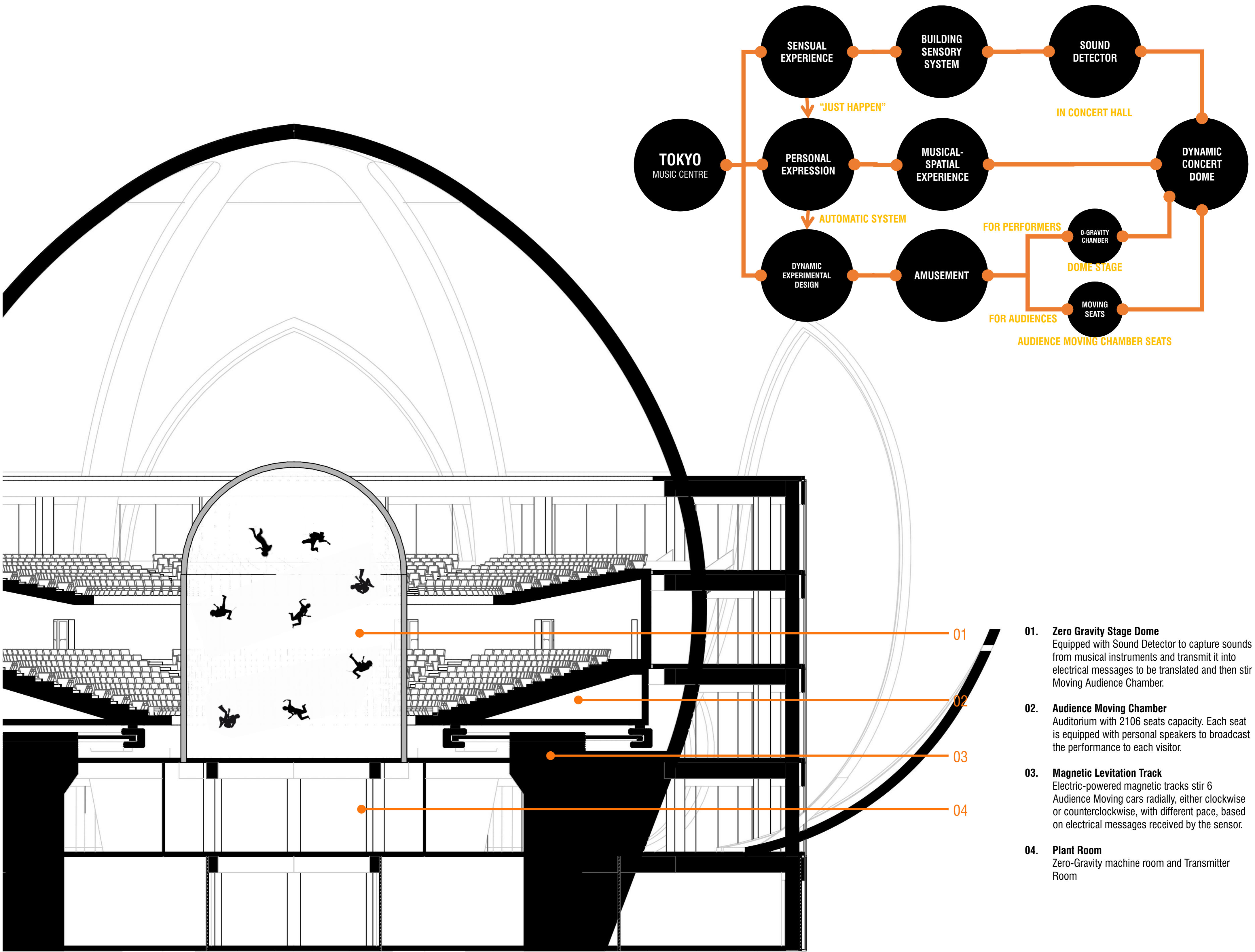


The selected site is along the famous Takeshita Street, (a pedestrian street lined with fashion boutiques, cafes and restaurants) and Meiji-Dori / 305. Harajuku is internationally known as the Centre of Youth and Modern Culture because of its unique character of fashion and art. The area around Harajuku Station became a **major tourist destination for both local and foreign tourists.**

At the end of Takeshita Street and in the south of the Togo Shrine entrance from Meiji Street, the site is a **brown area** adjacent to the green area around the Togo Shrine. This site is **400 meters far from Harajuku Station. It can be accessed by foot, or by bus from the Meiji Street.**

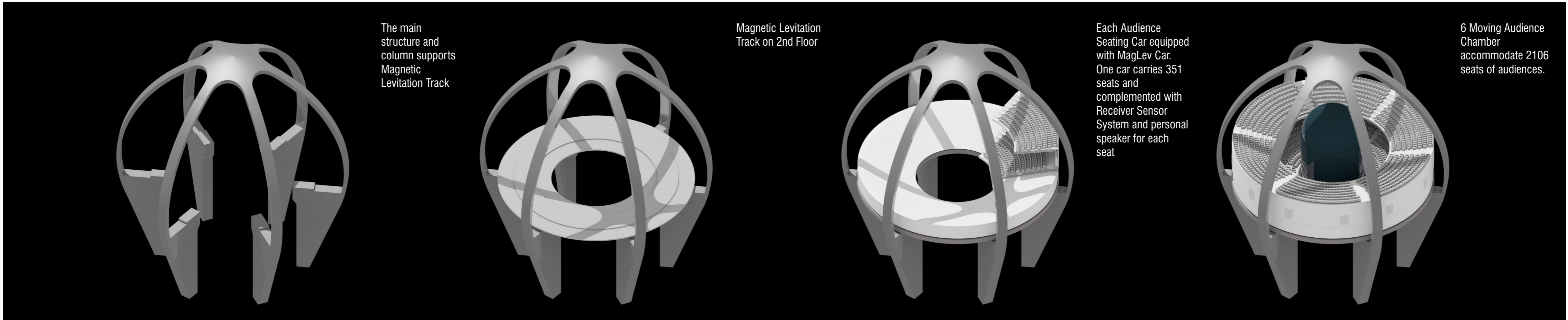
4023.78 m2 land area, with 70 meters east side (facing Meiji Street), and 60 meters (facing Takeshita street) on the south side. 56 meters on the northern side is an access to the Togo Shrine from Meiji Street. There's green area in the western side of the site.

Site has limitations of land to accommodate the required volume of audience: 2000 seats. Metabolism backgrounds with Sinesthesia Architecture approach is **capable to resolve the problem of limited land while providing some breakthroughs to achieve dynamic ways of enjoying music.**

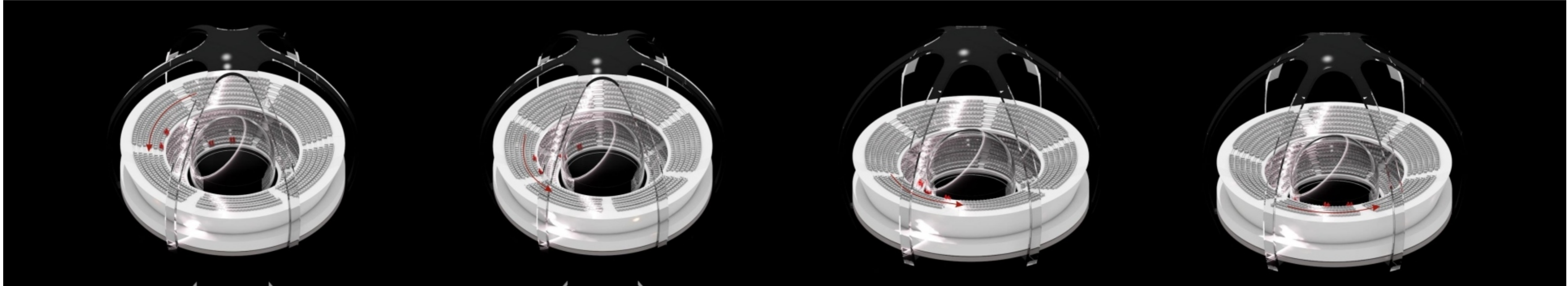


- 01. **Zero Gravity Stage Dome**
Equipped with Sound Detector to capture sounds from musical instruments and transmit it into electrical messages to be translated and then stir Moving Audience Chamber.
- 02. **Audience Moving Chamber**
Auditorium with 2106 seats capacity. Each seat is equipped with personal speakers to broadcast the performance to each visitor.
- 03. **Magnetic Levitation Track**
Electric-powered magnetic tracks stir 6 Audience Moving cars radially, either clockwise or counterclockwise, with different pace, based on electrical messages received by the sensor.
- 04. **Plant Room**
Zero-Gravity machine room and Transmitter Room

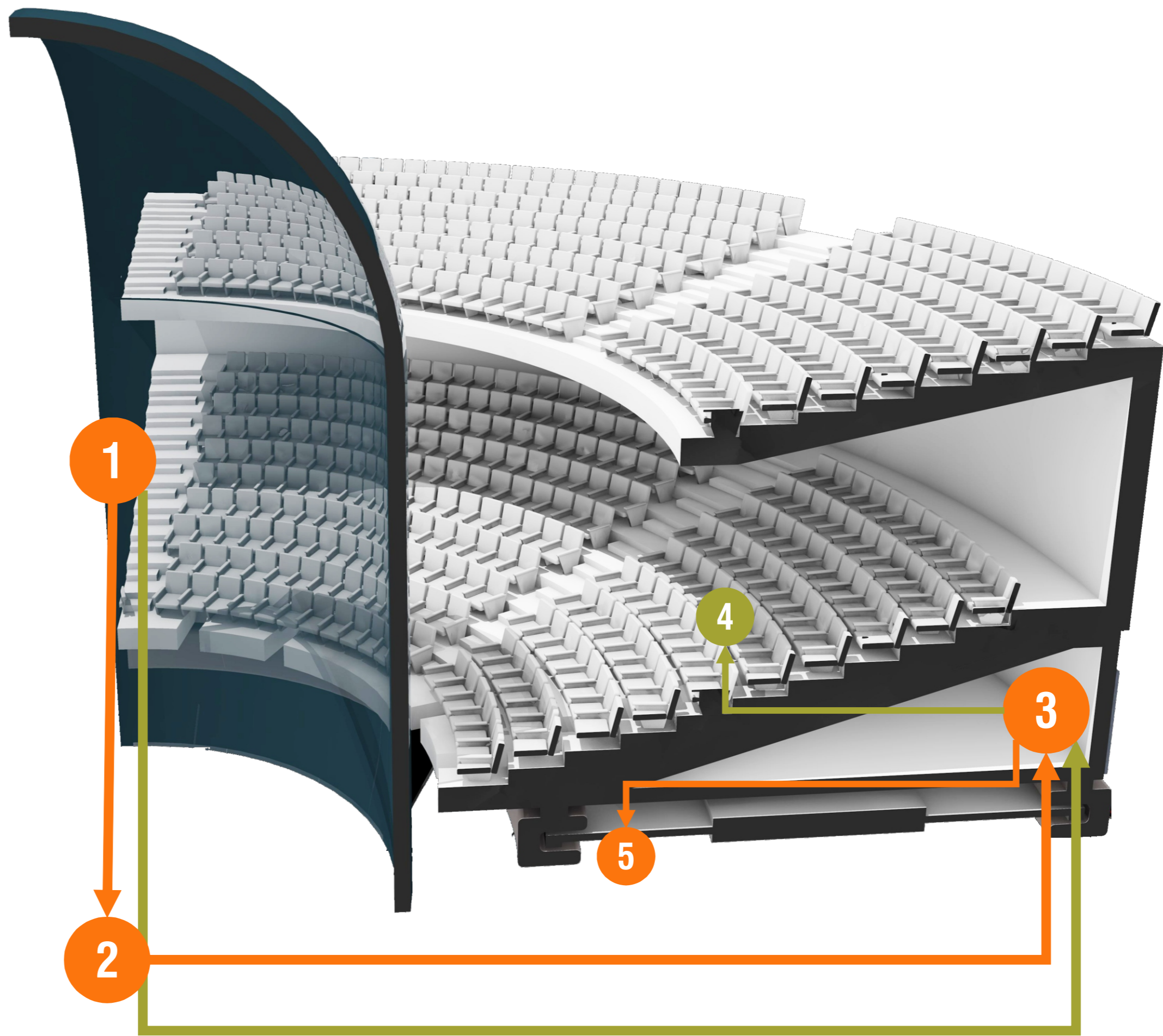
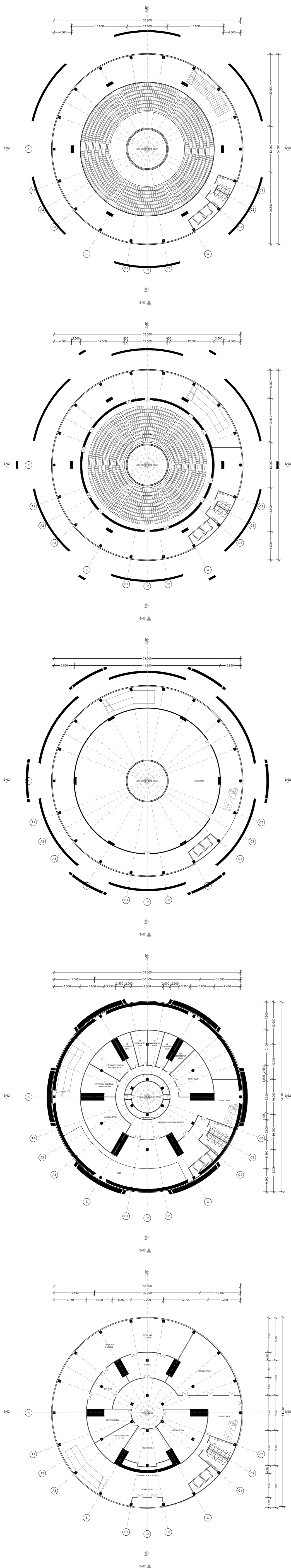
Schematic: Zero-Gravity Stage Dome



Schematic: Audience Moving Chamber



Audience Moving Chamber moves slowly around the Zero-Gravity Dome Stage based on the frequency of sounds captured by Sound Detector on each Musical Instruments.



- 1** Sound detectors captured audio signals from musical instrument.
 - 2** Audio signal routed towards the transmission room to be translated into an electrical signal
 - 3** Electrical signal is sent to the audience seating car
 - 4** The sound of musical instruments are distributed to each audience seat.
 - 5** Electrical signal acts as a trigger to determine the direction and speed of Audience Moving Car rotation.
- The sound of musical instruments forwarded to the audience seating car



TOKYO MUSIC CENTRE

by Synesthetic Architecture

Unlike conventional one-direction music performance, Zero-Gravity Floating Music Dome offers a dynamic MULTI DIRECTION music performance.

LEVITATING MUSIC

Musicians are floating in the dome, giving them unlimited possibilities of stage actions.

MOVING SPECTATORS

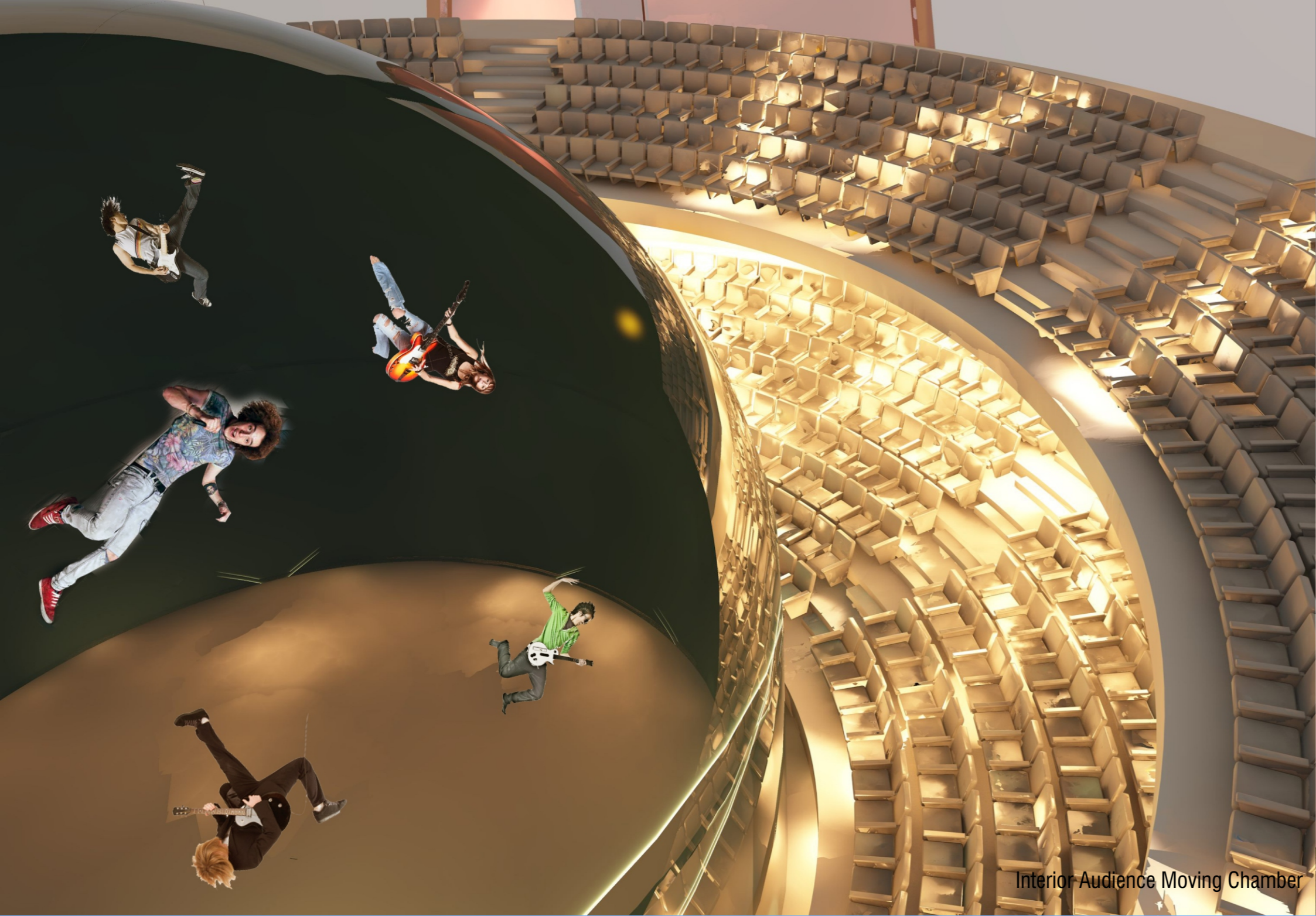
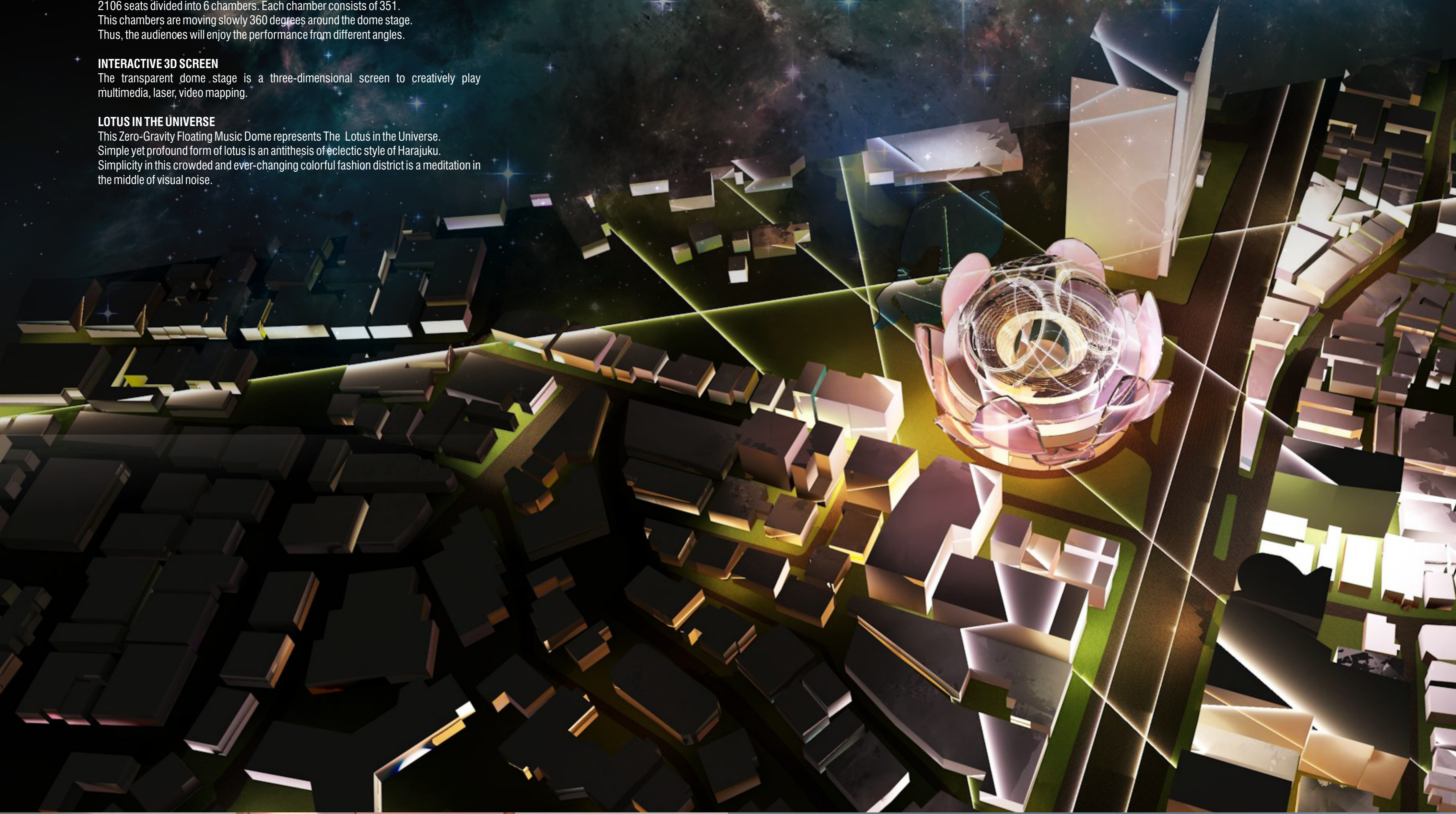
2106 seats divided into 6 chambers. Each chamber consists of 351. This chamber is moving slowly 360 degrees around the dome stage. Thus, the audiences will enjoy the performance from different angles.

INTERACTIVE 3D SCREEN

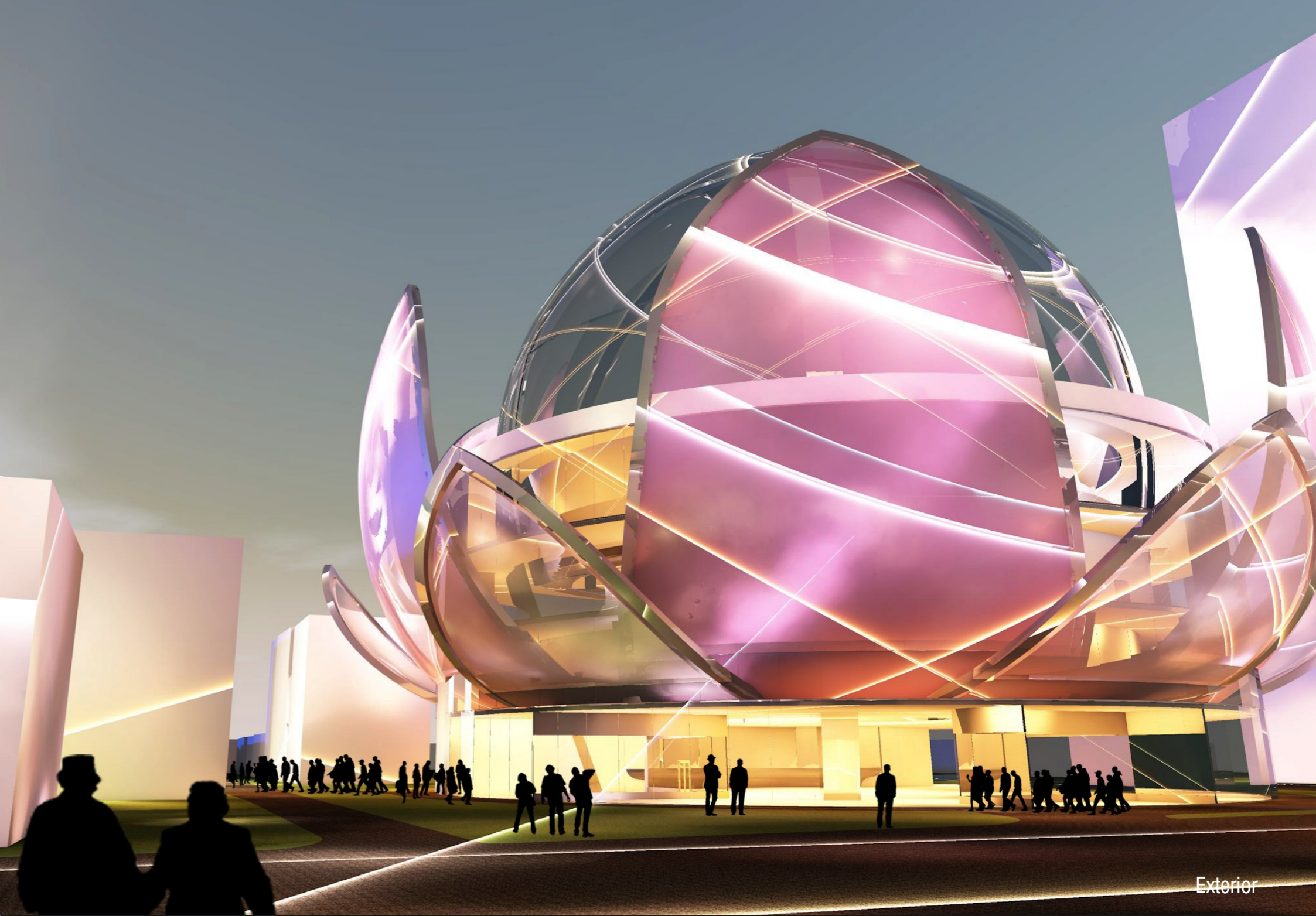
The transparent dome stage is a three-dimensional screen to creatively play multimedia, laser, video mapping.

LOTUS IN THE UNIVERSE

This Zero-Gravity Floating Music Dome represents The Lotus in the Universe. Simple yet profound form of lotus is an antithesis of eclectic style of Harajuku. Simplicity in this crowded and ever-changing colorful fashion district is a meditation in the middle of visual noise.



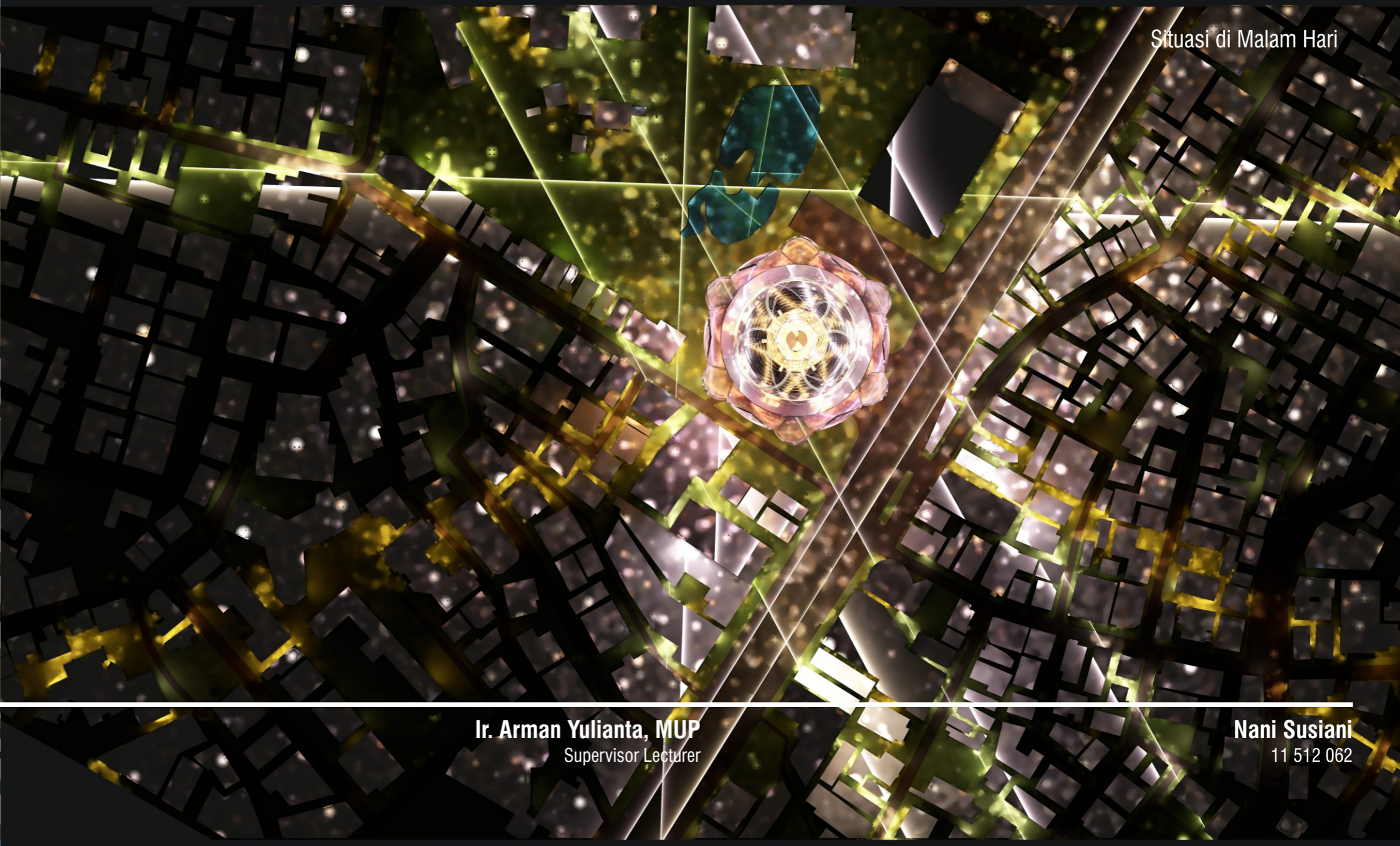
Interior-Audience Moving Chamber



Exterior



Situasi di Siang Hari



Situasi di Malam Hari