

TOWER MUSEUM

Donghia
spring 2020



Bombay to Mumbai

1661-1688 (1688-1707)
1707-1760 (1760-1818)

1760-1818 (1818-1842)

1818-1842 (1842-1868)

1842-1868 (1868-1947)

1868-1947 (1947-1956)

1947-1956 (1956-1996)

1956-1996 (1996-2019)

1996-2019 (2019-Present)

2019-Present

2019-Present

2019-Present

2019-Present

2019-Present

2019-Present

2019-Present

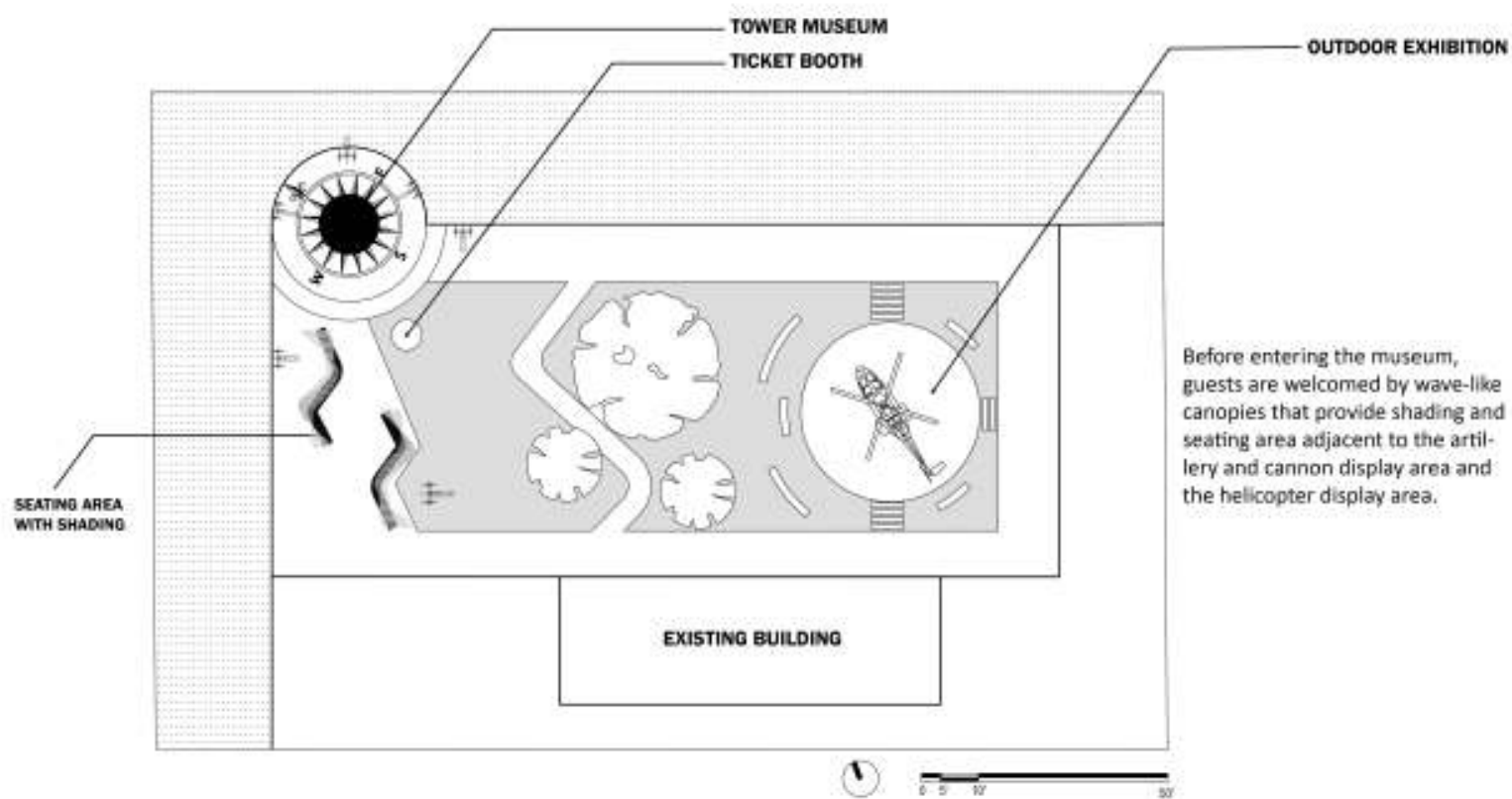
2019-Present



Design Theory:

Located near Princes Dock, the Tower Museum's concept is to capture the essence of the ocean with the play on lighting. The whole building is organized from dark to light starting from the ground floor up.

SITE PLAN



church of light
by tadao ando



unicef chapel
by tadao ando



INSPIRED PROJECTS

ZONES

Underwater (Dark Zone)

As a guest enter the museum, they pass through a set of shades to enter the underwater zone (dark zone). In this display zone, all natural lights are blocked out as the only source of light comes from the display led light pad, projection light, and lights from the opening of the stairway. The map of the seven island is projected onto the floor with ultraviolet light. On top of that, there is an opening to the water tank below that is being lit up by spot lights underneath the floor. This opening acts as a water gauge and displays the height of the tide. Water Ambience music is played in the background and abstract waves are projected 360 degrees to strengthen the experience of being in an underwater museum. The history of the museum is introduced in this zone.

Captain's Cabin

In this zone, natural light is introduced to the museum through the big north east window. The remaining windows are covered by a translucent shade. There is an interactive steering wheel displayed for guest to take pictures with. It is placed right behind the pelorus to recreate the experience of being on a ship. Compass and navigation equipment are displayed on the display wall.

Top Deck

In this zone, the guest can experience the worker's life as bunk beds are displayed with ship equipments. There is a mannequin engineer worker displayed with a firefighting suit. There are no shades, therefore this place is well lit by natural lighting.

Weather Deck (Light Zone)

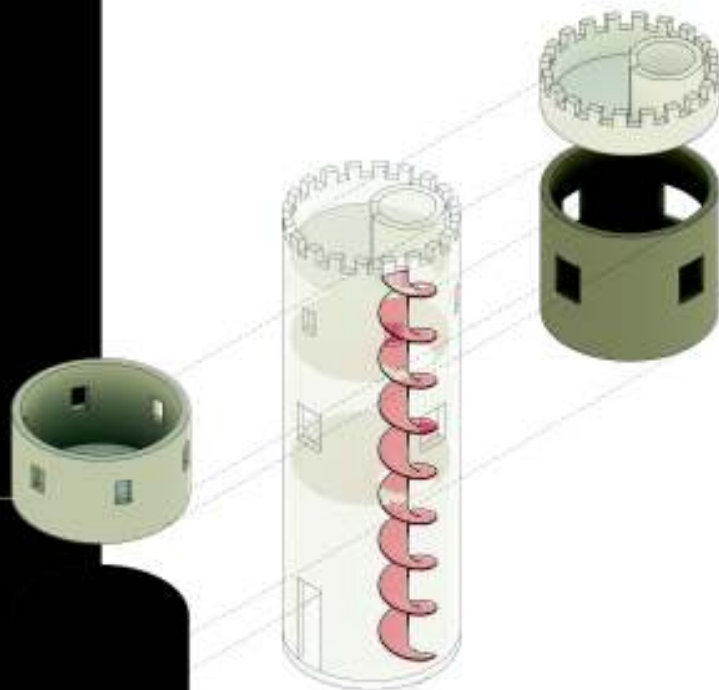
The final museum display zone is the weather deck as it is an open museum display. This is the light zone as it is well lit by natural light. There are three moveable telescope that can view a wide range of the surrounding. The weathercock, anemometer, and signal mast is located on top of the structure.

2nd Floor
Top Deck

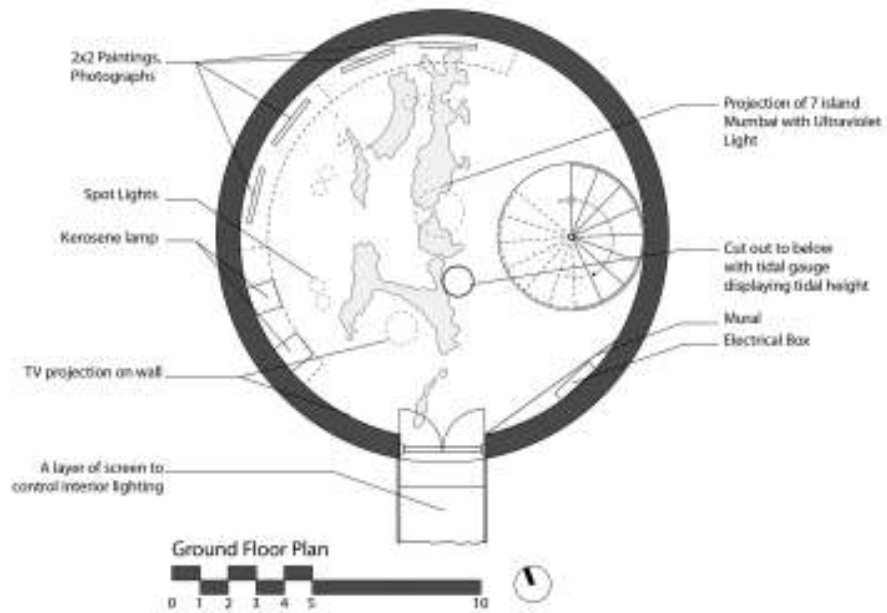
Ground Floor
Underwater

Terrace
Weather Deck

1st Floor
Captain's Cabin



GROUND FLOOR



GROUND FLOOR



CUT-OUT OF THE FLOOR (LEVELED BY GLASS)
ILLUMINATED ILLUSTRATION OF THE MAP BY U/V LIGHT

PROJECTION OF ABSTRACT WAVES ON THE WALL

LINOLEUM FLOORING

FIRST FLOOR

