

NAZ KAPLAN GRADUATION PROJECT
THE ADSEQUOR



HOME



THE BACKGROUND



THE ADSEQUOR

HOME



THE BACKGROUND



CONTEXT



LIT REVIEW



CASE STUDY



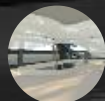
THE ADSEQUOR



MOVE TOWARDS



TAKE A LOOK



GET INSIDE



SEE THROUGH



LOOK CLOSER



FLY



HOME



THE ADSEQUOR

THE BACKGROUND



CASE STUDY



CONTEXT



LIT REVIEW

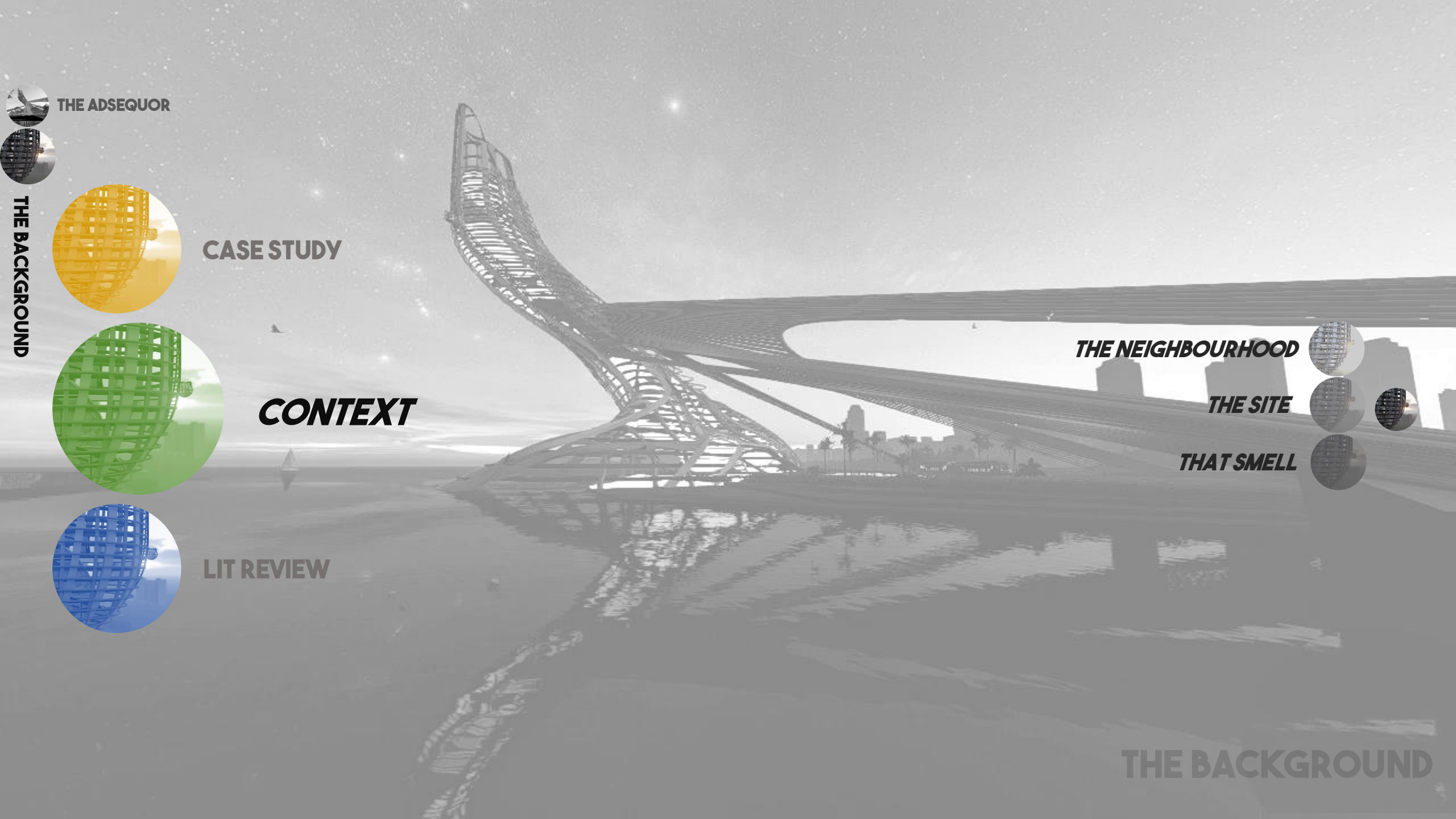
THE NEIGHBOURHOOD

THE SITE

THAT SMELL



THE BACKGROUND



THE NEIGHBOURHOOD

CONTEXT

BACKGROUND



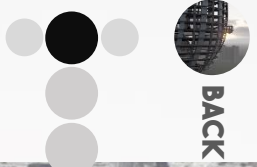
BACK

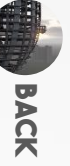
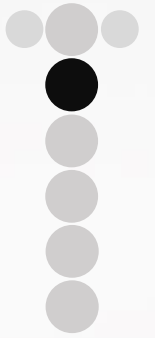
DRONE VIDEO

THE SITE

CONTEXT
SITE VISIT

BACKGROUND



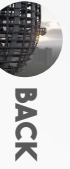
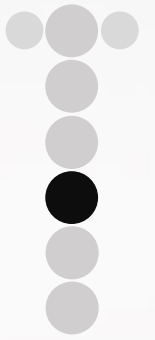


site analysis

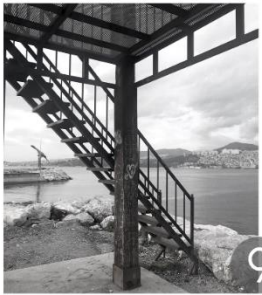


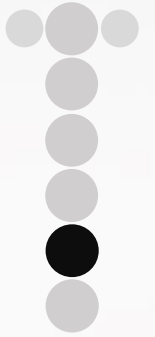
site analysis





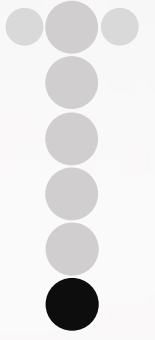
site analysis





site analysis





site analysis



'THAT SMELL'

CONTEXT

ENVIRONMENTAL ISSUES

BACKGROUND



SEWAGE OF THE NEIGHBOURHOOD WASTE & CHEMICALS OF LEATHER PROCESSING INDUSTRY

POURED INTO THE RIVER

THE CITIZENS HAD TO COVER THEIR NOSES WHILE THEY WALK ON THE STREETS

RISKS BOTH THE ENVIRONMENT'S AND THE CITIZENS' HEALTH WITH ITS BAD AND DIRTY SMELL

WE WERE RUSHING TO CLOSE THE CAR WINDOWS AS WE PASS THROUGH THE MELES RIVER

08 Mayıs 2020, Cuma Ziraat

HBR CANLI YAYIN VIDEO GÜNDEM EKONOMİ DÜNYA SPOR ÖZEL HABER RAMAZAN

A HABER VIDEO Programlar Gündem Yaşam Dünya Spor Ekonomi Kültür Sanat Teknoloji Otomobil Diziler atv Programları Medya

Yeni Asır BUGÜNkü YENİ ASIR İzmir 24°C Akşama 02:53:59 97.944,96

YAZARLAR GÜNDEM SPOR SARMAŞIK EKONOMİ İZMİR YAŞAM GALERİ WEB TV EGE KÜÇÜK İLANLAR yenisirinlan.com RAMAZAN

Videolar » Yaşam Videoları » Meles Çayı pislik akıyor

Meles Çayı pislik akıyor



18.04.2016 | 4 İzlenme Bir sonraki videoyu oynat **AKÇI** **ABONE OL** Google News

İzmir'de pislik içindeki derelerden yükselen kötü koku kenti etkisi altına aldı. Havanın ısınmasıyla birlikte Meles Çayı'ndan yayılan koku nedeniyle vatandaşlar sokaklarda burunlarını kapatarak dolaşmak zorunda kalıyor. Peki Büyükşehir Belediyesi yıllarca bu soruna neden çözüm bulamadı? Bunun cevabını A Haber muhabiri Gamze elçi aktaracak.

İzmir Büyükşehir çözüm bulamadı

İzmir Büyükşehir'in Meles Çayı'ndaki kokuyu senelerdir önleyememesi tepki çekti. Her sene milyonlarca lira kamu kaynağının boşa gittiğini ifade eden AK Partili Doğan: Böyle hizmet olmaz



İzmir Büyükşehir Belediyesi'nin 7 yıldır yaşanan koku problemine hiçbir kalıcı çözüm getirmeden milyonlarca lira para harcadığı Meles Çayı, vatandaşlardan sonra siyasileri de isyan ettirdi. AK Partili İzmir Millet vekili adayı Bilal Doğan, İzmir Büyükşehir Belediyesi'nin beceriksizliğinin Meles Çayı'nda İzmirliyi pis kokuya mahkum ettiğini söyledi. Her yıl havaların ısınmaya başlaması ile birlikte Meles Çayı'ndan etrafa yayılan pis kokunun vatandaşı canından bezdirdiğini hatırlatan Doğan: "Vatandaş artık geçici değil kalıcı çözüm görmek istiyor" dedi.

ekşisözlük bugün, #entry, @yazar

bugün gündem debe sorunsallar takip son kenar çaylaklar #spor #ilişkiler #siyaset

izmir'in lağım kokusu sorunu

şükela: tümü | bugün bağlıkta ara takip et

2 / 43

yıllar önce sezen aksu bir röportajında anlatmıştı;

"ünitü olunca izmirden istanbula taşındım. uzun bir aradan sonra memleketime dönerken izmir girişinde * o meşhur koku duyulmaya başladı. şoförüm hemen rahatsız olmayayım diye camları kapatacağken dur dedim aç hepsini. doya doya içime çektim o kokuyu. izmir in bok kokusunu bile özlemişim."

o kadar eski ve izmirle bütünleşmiş bir kokudur. ne sağ ne de sol yönetimler bu kokuyu yok edemedi.

02.09.2018 12:49 alpino

eski den (bkz: meles çayı) vardı. araçta geçerken bi anda pencere koluna yapışıp kapatmaya çalışırdık tabii şimdiki gibi otomatik değil çevir allah çevir.

21.05.2019 12:00 mana heal pot

halen devam eden koku sorunudur. ankara caddesi üzerinden veya altınyoldan yeşildere veya alsancak yönüne geçtiğiniz noktada (halkapınar metro istasyonu ile alsancak liman aras) her ne kadar çalışma yapılsa da ağır bir lağım kokusu mevcut. 7 yıldır havalar ısınınca başlayan bu koku

21.05.2019 11:50 cgtysmy

geçen yaz ağır kokunun beni uyandırdığını biliyorum. ki sabah 6 falan. ki sıcaklıklarla birlikte artan bir olgu bu.

21.05.2019 20:19 - 20:20 zenci kurup ayisi

 THE ADSEQUOR

THE BACKGROUND



CONTEXT



LIT REVIEW



CASE STUDY

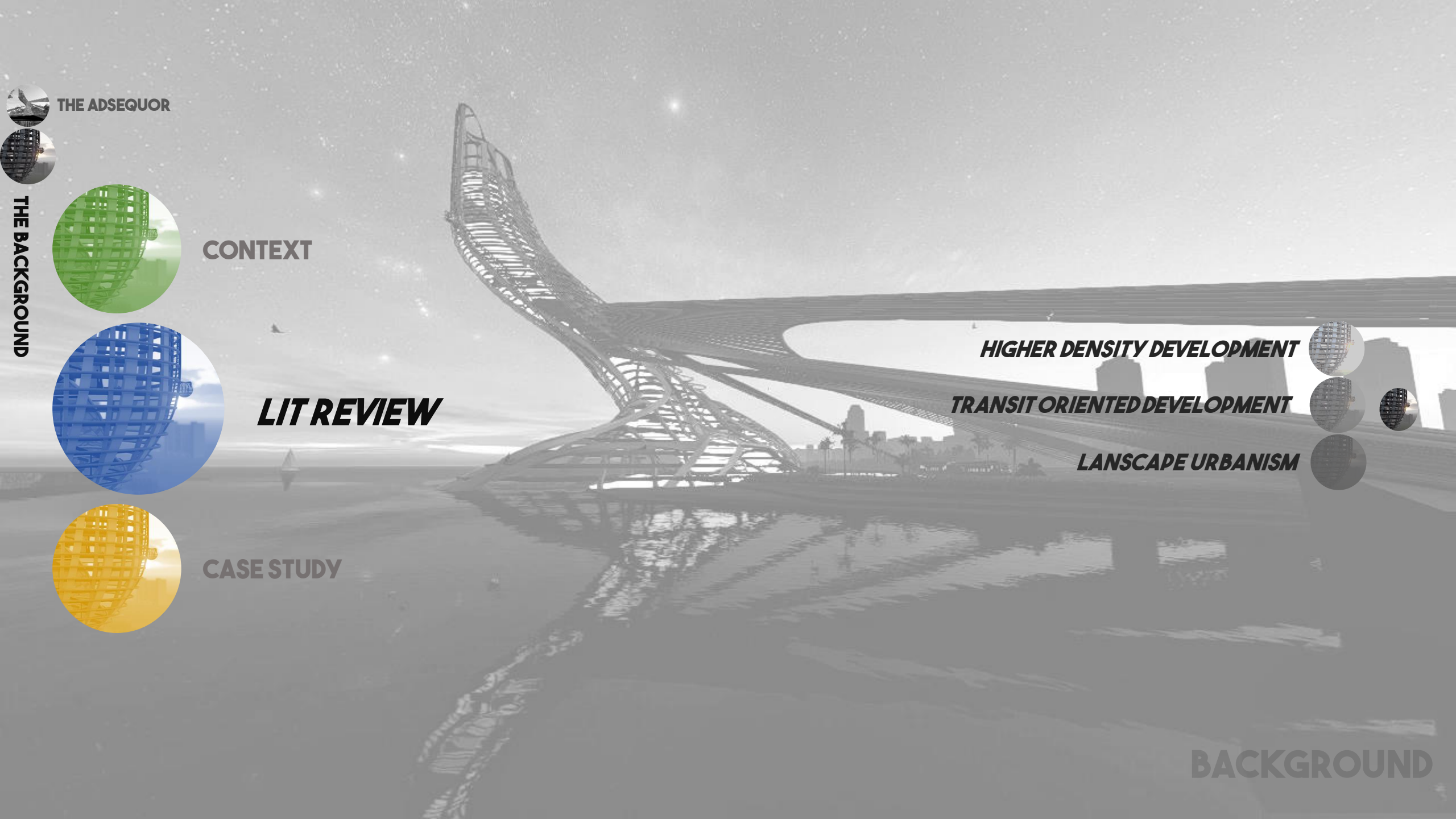
HIGHER DENSITY DEVELOPMENT

TRANSIT ORIENTED DEVELOPMENT

LANDSCAPE URBANISM



BACKGROUND



HIGHER DENSITY DEVELOPMENT

LIT REVIEW

BACKGROUND



BACK

Studies show that when surveyed about higher-density development, those interviewed hold a negative view. But when shown images of higher-density versus lower-density development, people often change their perceptions and prefer higher density.³ In a recent study by the National Association of Realtors® and Smart Growth America, six in ten prospective homebuyers, when asked to choose between two communities, chose the neighborhood that offered a shorter commute, sidewalks, and amenities like shops, restaurants, libraries, schools, and public transportation within walking distance. They preferred this option over the one with longer commutes and larger lots but limited options for walking.

Reducing the distance between homes, shops, and offices also reduces the cost of public infrastructure. According to one of many studies, “The public capital and operating costs for close-in, compact development [are] much lower than they [are] for fringe, scattered, linear, and satellite development.

MYTH

Higher-density development overburdens public schools and other public services and requires more infrastructure support systems.

FACT

The nature of who lives in higher-density housing—fewer families with children—puts less demand on schools and other public services than low-density housing. Moreover, the compact nature of higher-density development requires less extensive infrastructure to support it.

Large lot exclusionary zoning has forced the artificial separation of land uses, leading to large distances between employment centers, housing, and retail. But many government agencies now realize they cannot afford to continue providing the infrastructure and public services that sprawl demands. Not only do local governments absorb much of the cost of more and more roadways, profoundly longer water and electrical lines, and much larger sewer systems to support sprawling development, they must also fund public services to the new residents who live farther and farther from the core community. These new residents need police and fire protection, schools, libraries, trash removal, and other services. Stretching all these basic services over ever-growing geographic areas places a great burden on local governments.

-URBAN LAND INSTITUTE

HIGHER DENSITY DEVELOPMENT

LIT REVIEW



PEARL RIVER TOWER - WORLD'S TALLEST ZERO ENERGY BUILDING

Pearl River tower is world's tallest Zero Energy Building (ZEB) at Guangzhou, China.

Guangzhou is ranking 8th in world's worst Air city according to the most recent WHO data. It is second only to Beijing. As industrial production and traffic within Guangzhou continue to increase, more people are suffering from shortness of breath, coughing, dizziness, weakness and nausea. Considering this, need of zero emission building has arise.

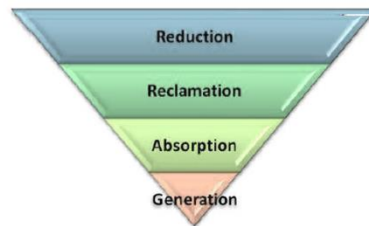
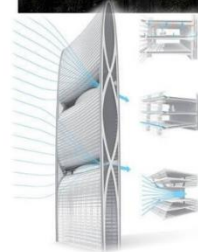
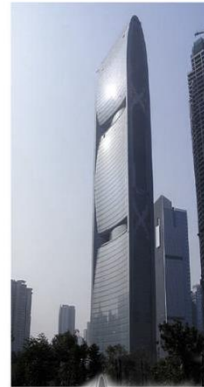
So the Chinese government set the goal of reducing carbon emission in future. China National Tobacco Corporation developed Pearl River Tower. China National Tobacco Company (CNTC) decided to locate their new headquarters in Guangzhou. Pearl River Tower is an environmental initiative taken to build ZEB structures. It is independent from outside electricity resources. The idea behind it is that energy produced by on site renewable energy sources is equal to the amount of energy consumed by the building. Combinational use of [solar kits](#) and wind turbine fulfills basic energy required.

This skyscraper is 71 Story building, 2.2 Million Square Feet area and 1,016 Feet Tall.

They had undertaken following steps to become ZEB building.

- **Reduction -**

Chilled radiant is used instead of normal ventilation and air conditioning. Displacement ventilation provides only fresh air which is cooled by the chilled-water system. Radiant Slabs helps to maintain temperature inside. It enhances daylight and cools for under floor ventilation system. High performance glazing helps insulate



PEARL RIVER TOWER

The 71-story Pearl River Tower in the southern Chinese city of Guangzhou will reduce energy consumption by as much as 58%, making it one of the world's most energy-efficient commercial office towers.

THE FAÇADE



Solar energy is collected within the building's double-wall façade and used to regulate internal building temperature.

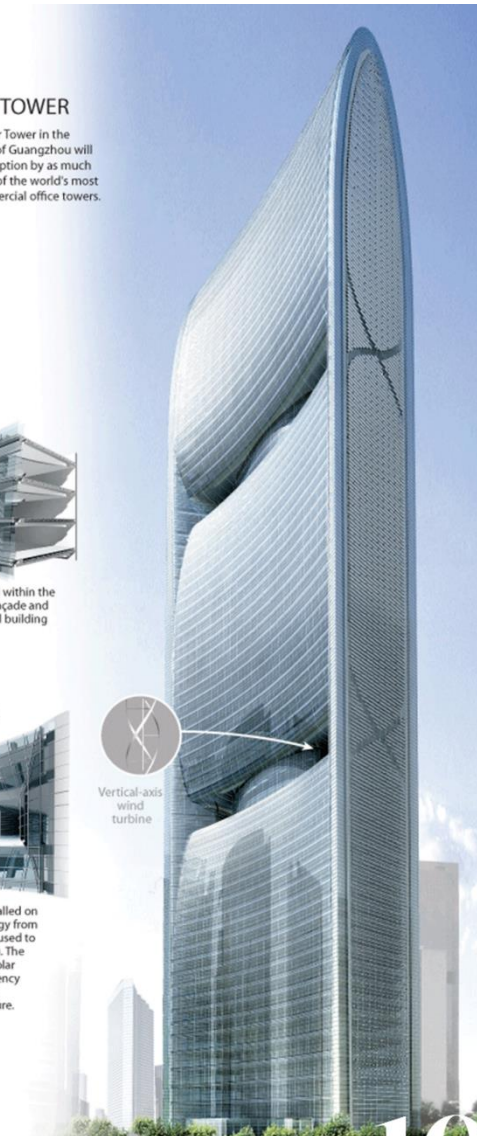
WIND TURBINES



Four wind turbines, installed on two levels, harness energy from prevailing winds that is used to dehumidify the building. The building also includes solar panels and a high-efficiency chilled-water system for regulating air temperature.



Vertical-axis wind turbine



(https://issuu.com/adelafooster/docs/pearl_river_tower/)

HIGHER DENSITY DEVELOPMENT LIT REVIEW

the building's interior. Highly efficient lighting and office equipment consumes only 1/3rd of regular electricity.

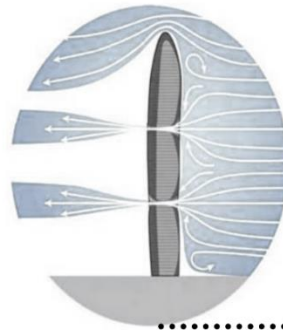
These new LED lights emit less heat and gives brighter light than regular light bulbs. Waterless Urinals and low flush toilets decrease water demand.

- **Reclamation of Energy -**

Unused Energy is reclaimed from chiller heat generator heat exhaust air heat. Hot air is vented in and is drawn out through a stack effect. Geothermal Heat Sinks are also used

- **Passive Absorption -**

Advanced wind and solar technologies were integrated into the design of this skyscraper in order to generate electricity. Sun path diagrams generated to study location of PV panels on the building wall .Wide Solar panels are mounted on the roof and front wall also. It capture sun energy and coverts it to electrical-energy.



An innovative feature of the building's wind centric design is four openings run through the building. These opening are funnel shaped. Due to this, air speed increases as it runs through the building. Curvilinear structure of openings also relieved pressure from wind loads. Vertical-axis wind turbines are placed in these openings to generate electricity.

Hydrogen fuel cells are used to store surplus generated energy.

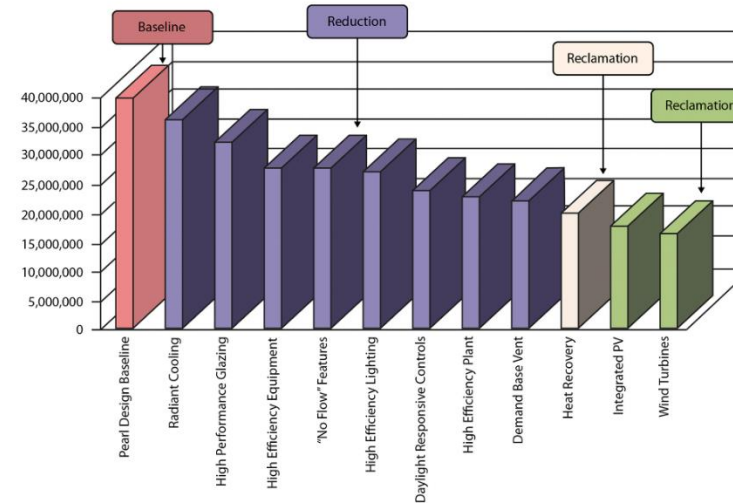
- **Generation-**

System of linked microturbines is used to fulfill extra energy need. It can run off of any fossil fuel. Due to this system Pearl River tower becomes the Net Zero tower. For zero energy building structure, it cost costs additional \$13 million for construction. Energy consumption is reduced by about 60%. Its additional construction cost will be earned back within 5 Years because of Savings From:

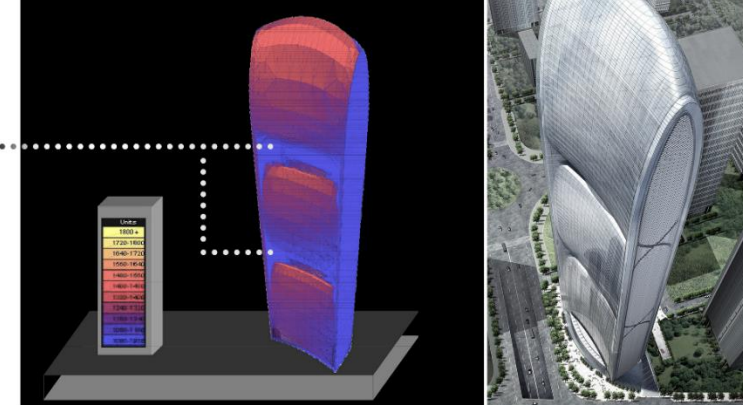
- Reduced Electricity Bills
- Lower Maintenance costs
- Extra Rent from Space Not Used for Air Conditioning Ducts

Peak solar is provides various solar power kits, solar panel, [Solar home kits](#), photovoltaic systems, solar panel systems, solar electric systems, solar panels for home, complete solar system, Diy solar system kits, [Solar kits](#), etc

PEARL RIVER TOWER ENERGY STRATEGIES



PEARL RIVER TOWER SOLAR RADIATION



HIGHER DENSITY DEVELOPMENT

LIT REVIEW

BACKGROUND



BACK



5 MYTH
Higher-density development is environmentally more destructive than lower-density development.

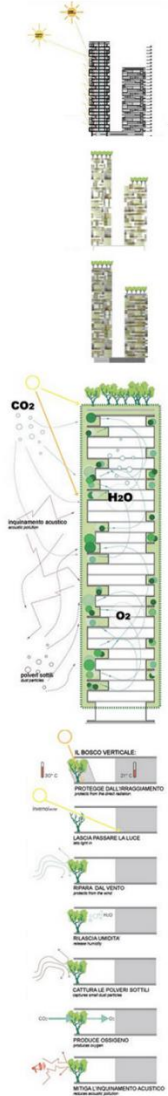
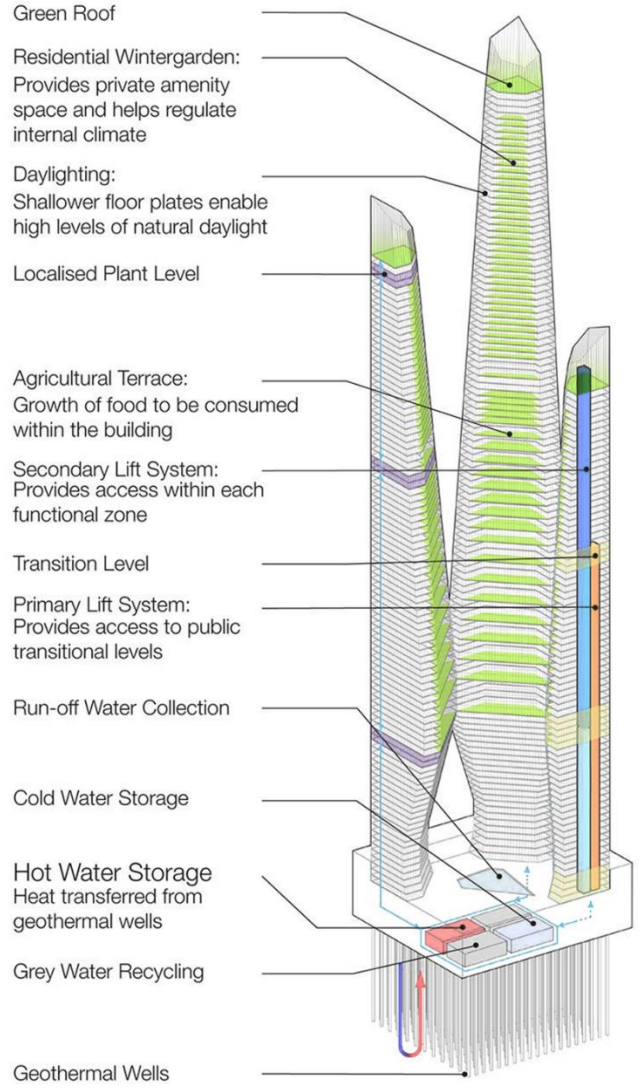
FACT
Low-density development increases air and water pollution and destroys natural areas by paving and urbanizing greater swaths of land.

- HIGER DENSITY DEVELOPMENT MYTHS & FACTS BY URBAN LAND INSTITUTE

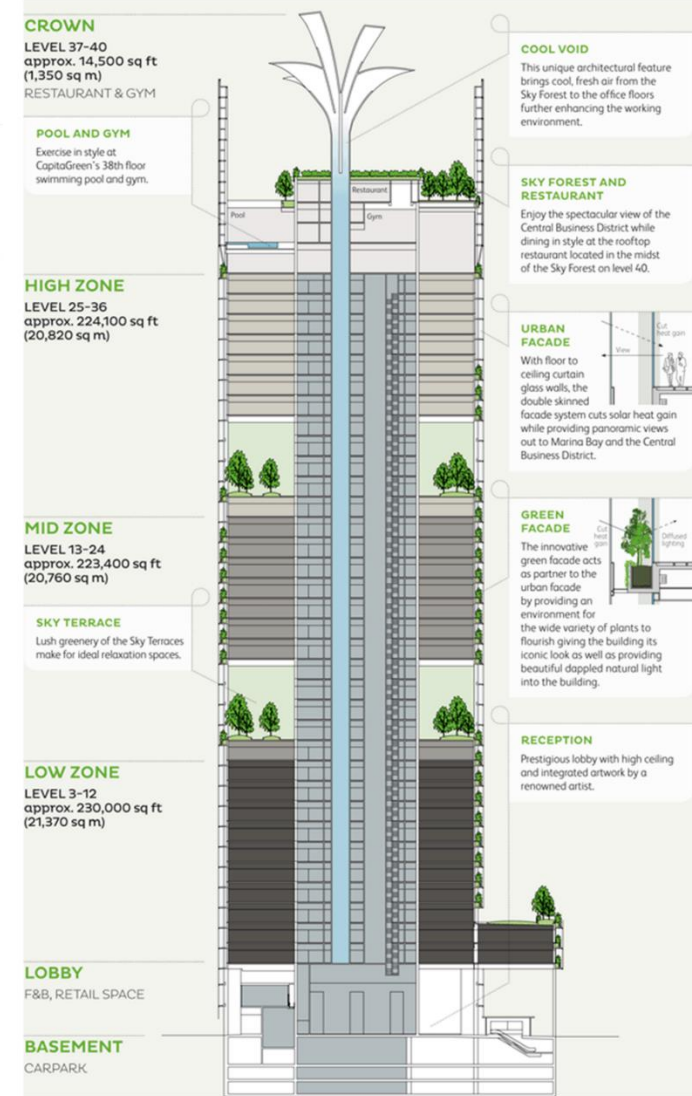
PLAN CLIMAT ENERGIE PARIS 2050 MAIRIE DE PARIS
VINCENT CALLEBAUT ARCHITECTURES
SETEC BATIMENT

HIGHER DENSITY DEVELOPMENT LIT REVIEW

STRATEGY SAMPLES



BACKGROUND



TRANSIT ORIENTED DEVELOPMENT

LIT REVIEW

Transit-oriented development brings compact, mixed use development within walking distance of high capacity rapid transit. TOD features vibrant streetscapes, pedestrian oriented built forms, and land use characteristics that make it convenient and safe to walk, cycle, and use public transport.

THE 8 PRINCIPLES OF THE T.O.D. STANDARD FOR DESIGNING BETTER STREETS AND BETTER CITIES

WALK
Develop neighborhoods that promote walking

CYCLE
Prioritize non-motorized transport networks

CONNECT
Create dense networks of streets and paths

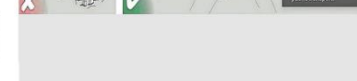
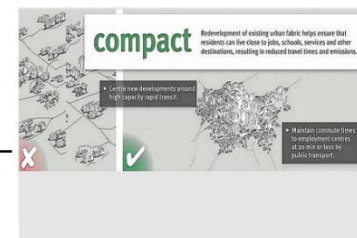
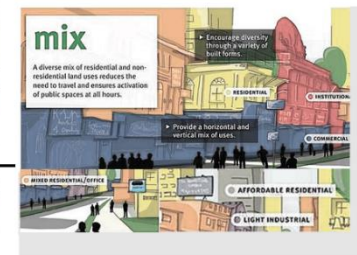
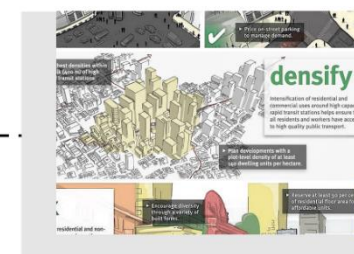
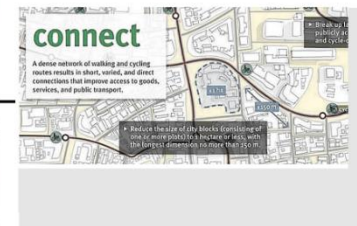
TRANSIT
Locate development near high-quality public transport

MIX
Plan for mixed use

DENSIFY
Optimize density and transit capacity

COMPACT
Create regions with short commutes

<https://www.itdp.org/2013/11/13/transport-oriented-development-poster/>



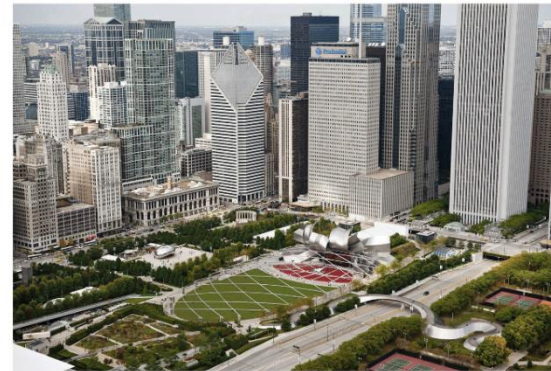
LANDSCAPE URBANISM

LIT REVIEW

BACKGROUND



BACK



<https://www.google.com/search?q=millenium+park&tbn=isch&ved=2>

A tour of Chicago's Millennium Park

By Haywood Park, PhD Galb, Chris Sogrych and Dina Muker

Chicago's long-awaited Millennium Park officially opens Friday, six years after Mayor Richard Daley first proposed it. Daley envisioned the 24.5-acre park as a way to welcome the 21st Century and solidify the "City in a Garden" image set forth by the city's original founders in 1837. To rededicate Chicago's reputation for architecture and culture, the city commissioned artists from all over the world to piece together the \$475 million addition to Grant Park.

Crown Fountain

The fountain's design is based on the fact that the city's population is growing and that the city's water supply is limited. The fountain is designed to be a water-saving device that will be used to celebrate the city's 150th anniversary in 2017.



Water is pumped to the top of each tower and flows down the sides of each tower. The water is then collected in a series of channels and flows into a series of basins. The basins are designed to be a water-saving device that will be used to celebrate the city's 150th anniversary in 2017.

HOW THE SCULPTURE WAS DESIGNED

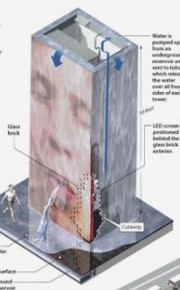
The faces are made of stainless steel and are designed to be a water-saving device that will be used to celebrate the city's 150th anniversary in 2017.

Bank One Promenade

The Bank One Promenade is a series of walkways that will be used to celebrate the city's 150th anniversary in 2017.

Lurie Garden

Lurie Garden is a series of gardens that will be used to celebrate the city's 150th anniversary in 2017.



McCormick Tribune Plaza and Ice Rink

The McCormick Tribune Plaza and Ice Rink is a series of walkways that will be used to celebrate the city's 150th anniversary in 2017.

Park Grill restaurant

The Park Grill restaurant is a series of walkways that will be used to celebrate the city's 150th anniversary in 2017.

Kapoor Sculpture on SEC Plaza

The Kapoor Sculpture on SEC Plaza is a series of walkways that will be used to celebrate the city's 150th anniversary in 2017.

Millennium Monument

The Millennium Monument is a series of walkways that will be used to celebrate the city's 150th anniversary in 2017.

Jay Pritzker Pavilion and Great Lawn

The Jay Pritzker Pavilion and Great Lawn is a series of walkways that will be used to celebrate the city's 150th anniversary in 2017.

At Wrigley Square

At Wrigley Square is a series of walkways that will be used to celebrate the city's 150th anniversary in 2017.

How sound travels at the pavilion

How sound travels at the pavilion is a series of walkways that will be used to celebrate the city's 150th anniversary in 2017.

Joan W. and Irving B. Harris Theater for Music and Dance

The Joan W. and Irving B. Harris Theater for Music and Dance is a series of walkways that will be used to celebrate the city's 150th anniversary in 2017.

Exelon pavilions

The Exelon pavilions are a series of walkways that will be used to celebrate the city's 150th anniversary in 2017.

Bicycle parking area

The bicycle parking area is a series of walkways that will be used to celebrate the city's 150th anniversary in 2017.

Millennium Monument

The Millennium Monument is a series of walkways that will be used to celebrate the city's 150th anniversary in 2017.

At Wrigley Square

How sound travels at the pavilion

Joan W. and Irving B. Harris Theater for Music and Dance

Exelon pavilions

Bicycle parking area

BP Bridge

The BP Bridge is a series of walkways that will be used to celebrate the city's 150th anniversary in 2017.

Bank One Promenade

Jay Pritzker Pavilion and Great Lawn

The Jay Pritzker Pavilion and Great Lawn is a series of walkways that will be used to celebrate the city's 150th anniversary in 2017.

How sound travels at the pavilion

Joan W. and Irving B. Harris Theater for Music and Dance

Exelon pavilions

Bicycle parking area

BP Bridge

Bank One Promenade

Lurie Garden

South Walkway





THE ADSEQUOR

THE BACKGROUND



LIT REVIEW



CASE STUDY



CONTEXT

THE NEIGHBOURHOOD



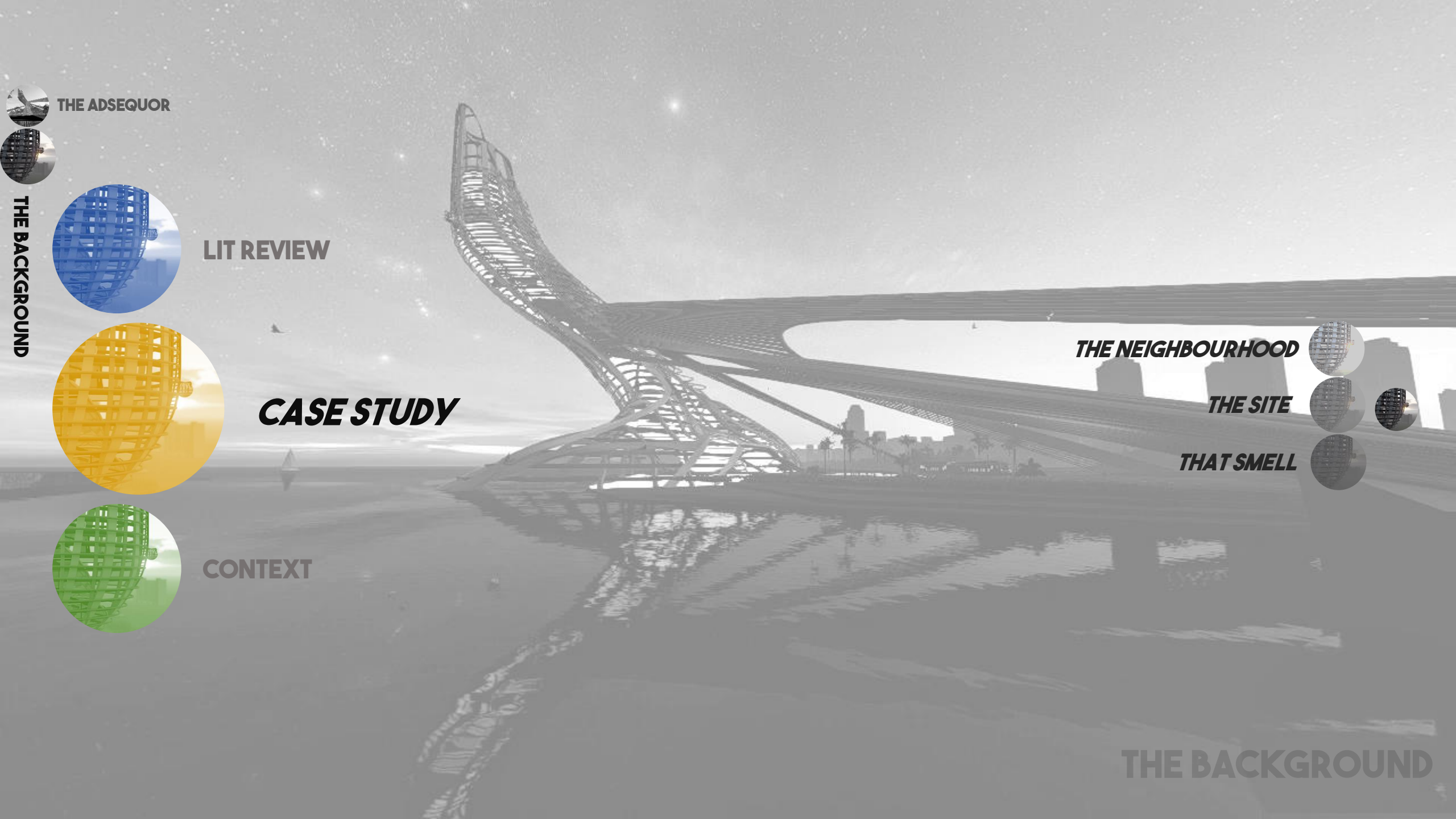
THE SITE



THAT SMELL



THE BACKGROUND



HONG KONG WETLAND PARK

CASE STUDY

BACKGROUND



HONG KONG WETLAND PARK

CASE STUDY

BACKGROUND



The Hong Kong Wetland Park comprises a 10,000m² visitor centre and a 60-hectare Wetland Reserve. The Visitor Centre has themed exhibition galleries, theatre, souvenir shop and indoor play area. The themed exhibition galleries showcase the importance of wetland on biodiversity, civilisation and conservation.

The Wetland Reserve is constructed wetlands of habitats specially designed for waterbirds. The Wetland Discovery Centre located in the Wetland Reserve allows visitors to encounter a vast diversity of wetland creatures. Other facilities including Stream Walk, Succession Walk, Mangrove Boardwalk and three Bird Hides lead visitors to venture in different habitats.

Hong Kong Wetland Park has received various local and international awards on architecture and landscape design granted by professional organizations including the Hong Kong Institute of Architects, Institute of Landscape Architects of the United Kingdom, and the Urban Land Use Institute of USA. In 2013, the Park was voted by members of the general public of Hong Kong as one of the Ten Hong Kong People Engineering Wonders in the 21st Century.

awards

In 2018, the Hong Kong Wetland Park attracted about 460,000 visitors, including around 39,000 overseas tourists. During the year, the Park provided about 4,000 guided tours for more than 66,500 visitors. In addition, the Park organised 57 educational talks attracting about 2,900 participants.



In view of providing an enjoyable journey to visitors, the management team of the Hong Kong Wetland Park is divided into six sections with specialized duties and published visitors codes in the hope of providing excellent customer service to the public. The following chart summarizes the key organization structure of the Park.



mission

<p>To provide a facility that will both complement and supplement those offered at the Mai Po Marshes Nature Reserve</p>	<p>To serve the recreational needs of local residents</p>
<p>To demonstrate the diversity of Hong Kong's wetland ecosystem and highlight the need to conserve them</p>	<p>To provide opportunities for education and public awareness</p>
<p>To create a visitor attraction of international status, catering both for the general public and visitors, and also for those with special interest in wildlife and ecology</p>	<p>To provide an attraction which will diversify visitor experience in Hong Kong for overseas visitors</p>

The mission of the Hong Kong Wetland Park is to foster public awareness, knowledge and understanding of the inherent values of wetlands throughout the East Asian region and beyond, and to marshal public support and action for wetland conservation. The Hong Kong Wetland Park will also be a world-class ecotourism facility to serve both local residents and overseas tourists.

<https://www.wetlandpark.gov.hk/en/>

ONE THOUSAND MUSEUM – ZHA

CASE STUDY

STRUCTURE STUDY / EXOSKELETON

BACKGROUND



BACK

Designed by Zaha Hadid Architects, the distinctive 62-storey residential tower is situated on Biscayne Boulevard and features the architect's signature curved form. But these sinuous shapes are far from aesthetic flourishes, they are actually the building's structure.

ONE THOUSAND MUSEUM



case study

ONE THOUSAND MUSEUM – ZHA

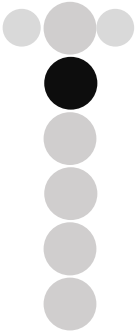
CASE STUDY

STRUCTURE STUDY / EXOSKELETON

<https://www.archdaily.com/>



BACKGROUND



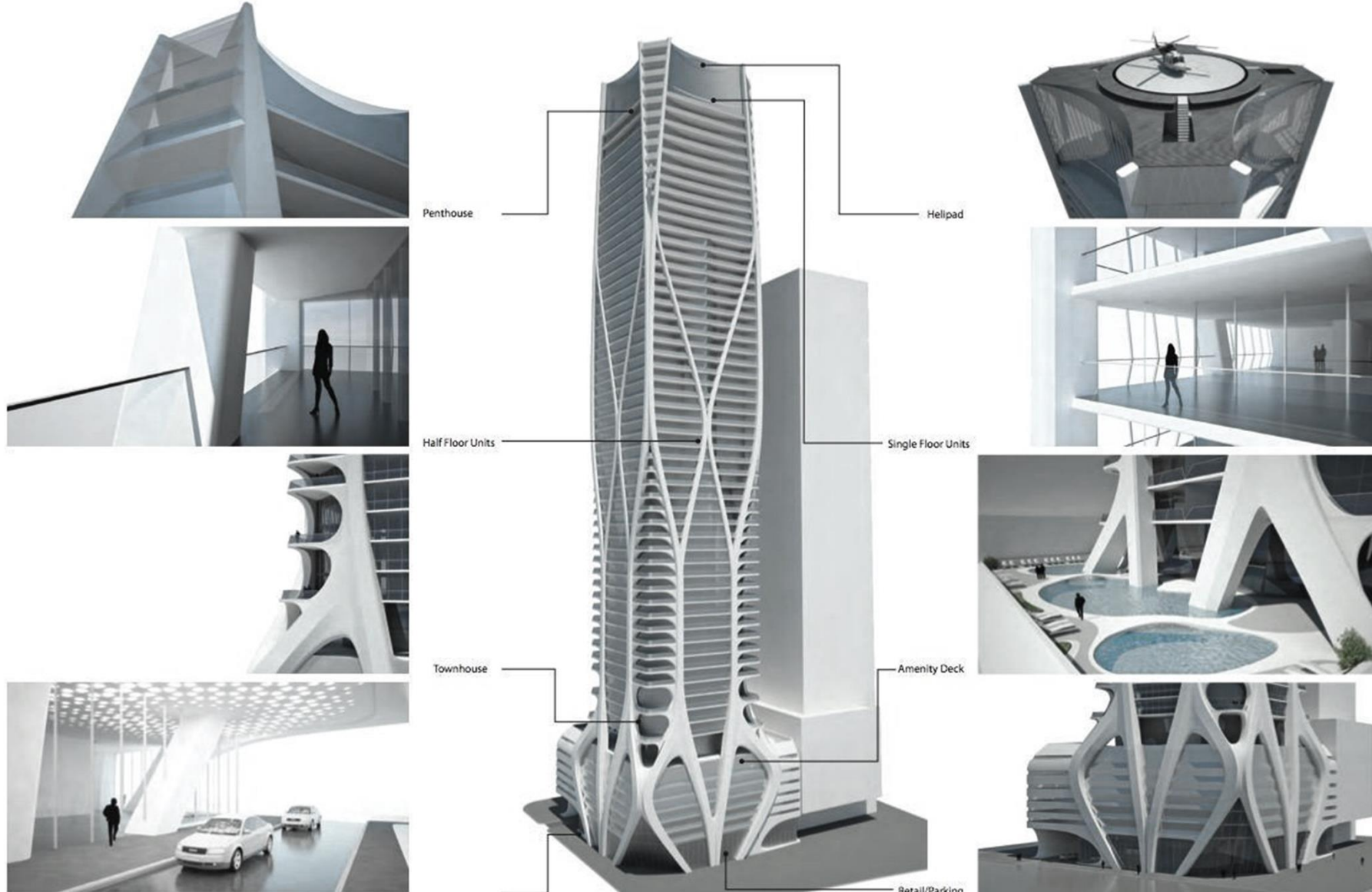
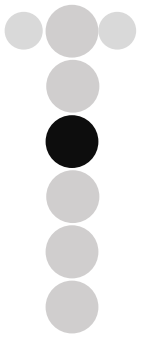
BACK

ONE THOUSAND MUSEUM – ZHA

CASE STUDY

STRUCTURE STUDY / EXOSKELETON

BACKGROUND



ONE THOUSAND MUSEUM – ZHA

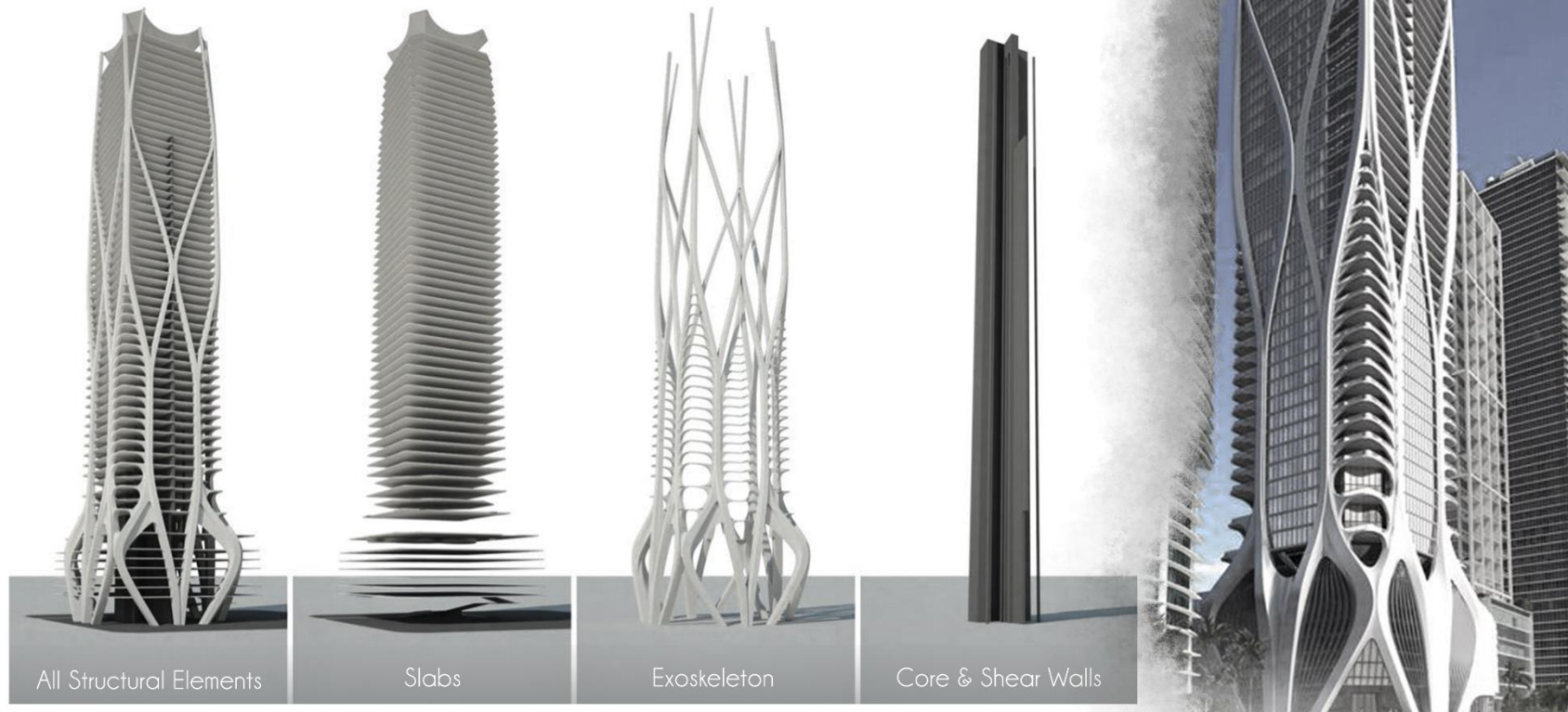
CASE STUDY

STRUCTURE STUDY / EXOSKELETON

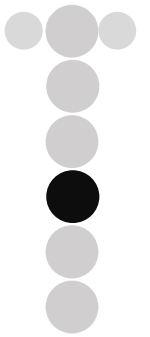
The 62-stories' main feature is a sinuous frame on all four elevations, designed by the late Zaha Hadid, who was called the "queen of the curve." The curvy exterior lines are structural, not applied, taking on both gravity and lateral loads.

DeSimone Consulting Engineers designed a four-elevation concrete exoskeleton bracing, with a post-tensioned floor slab system, allowing reduction of core wall thickness and lowering costs while creating column-free interior spans ranging from 30 to 50 ft.

The team used a glass-fiber reinforced concrete (GFRC) formwork system, shipped from Dubai, to form the exoskeleton. The lower floors were created using conventional cast-in-place concrete.



BACKGROUND



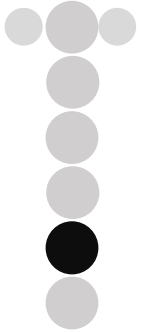
BACK

ONE THOUSAND MUSEUM - ZHA

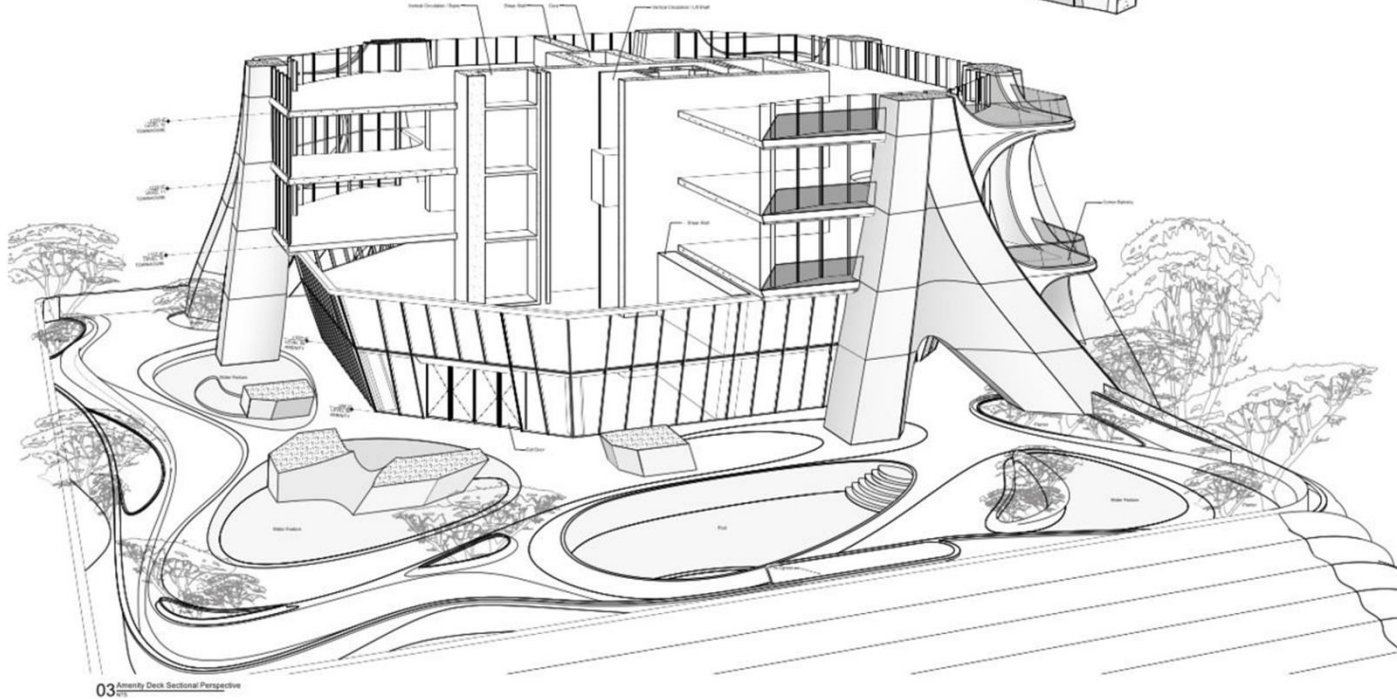
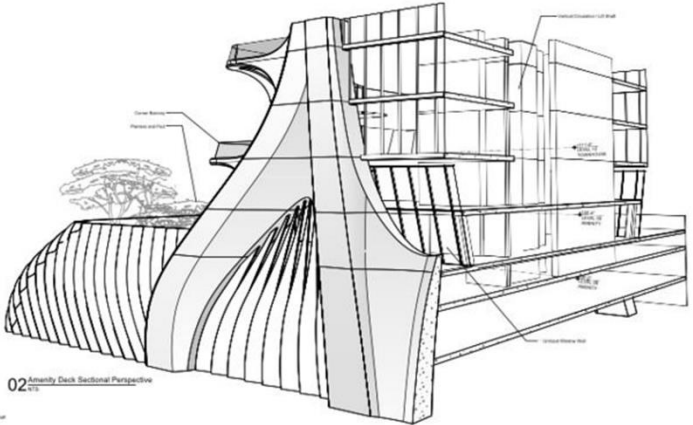
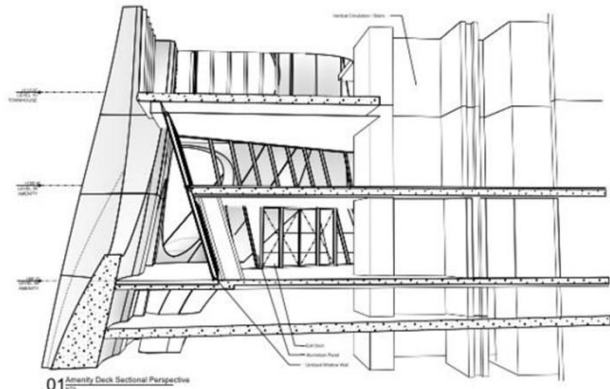
CASE STUDY

STRUCTURE STUDY / EXOSKELETON

BACKGROUND



BACK



ONE THOUSAND MUSEUM - ZHA

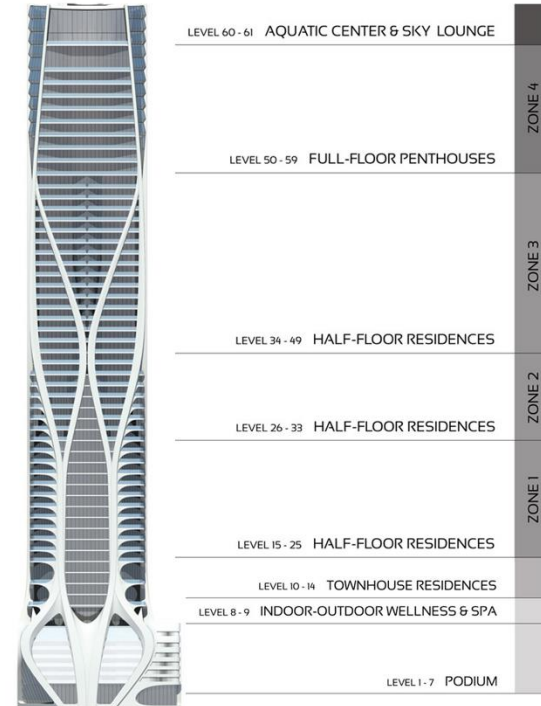
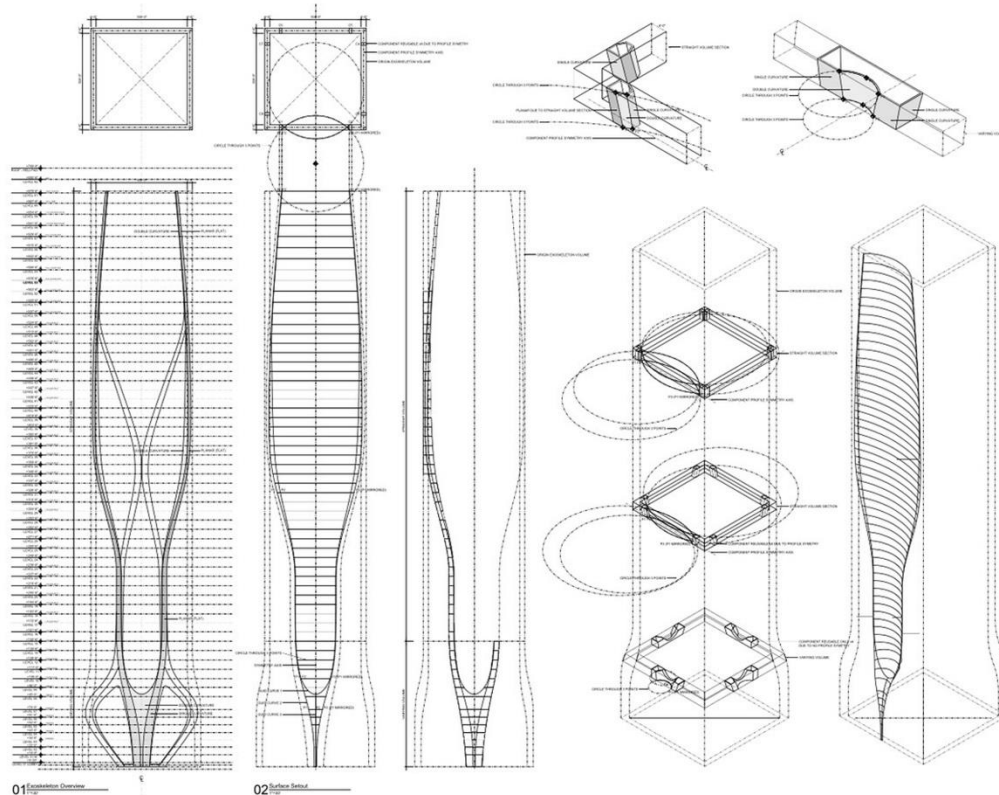
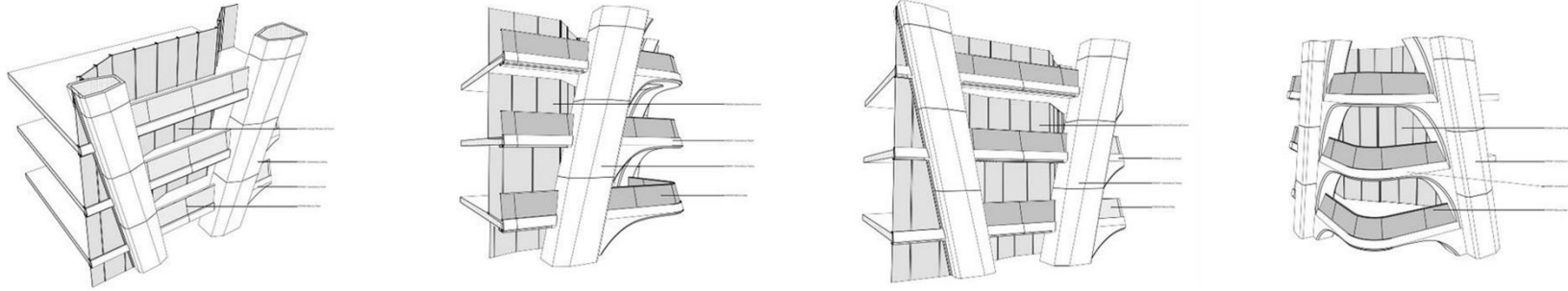
CASE STUDY

STRUCTURE STUDY / EXOSKELETON

BACKGROUND



BACK

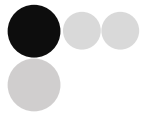


CAPITAL GATE TOWER, ABU DHABI

CASE STUDY

STRUCTURE STUDY | COMPRESSION ZONE OF THE ADSEQUOR

BACKGROUND



MOST LEANING BUILDING IN THE WORLD

Capital Gate, the iconic leaning building in Abu Dhabi, reached halfway point. The building, designed by international architects RMJM, will lean 18 degrees westward, 14 degrees more than the Leaning Tower of Pisa.

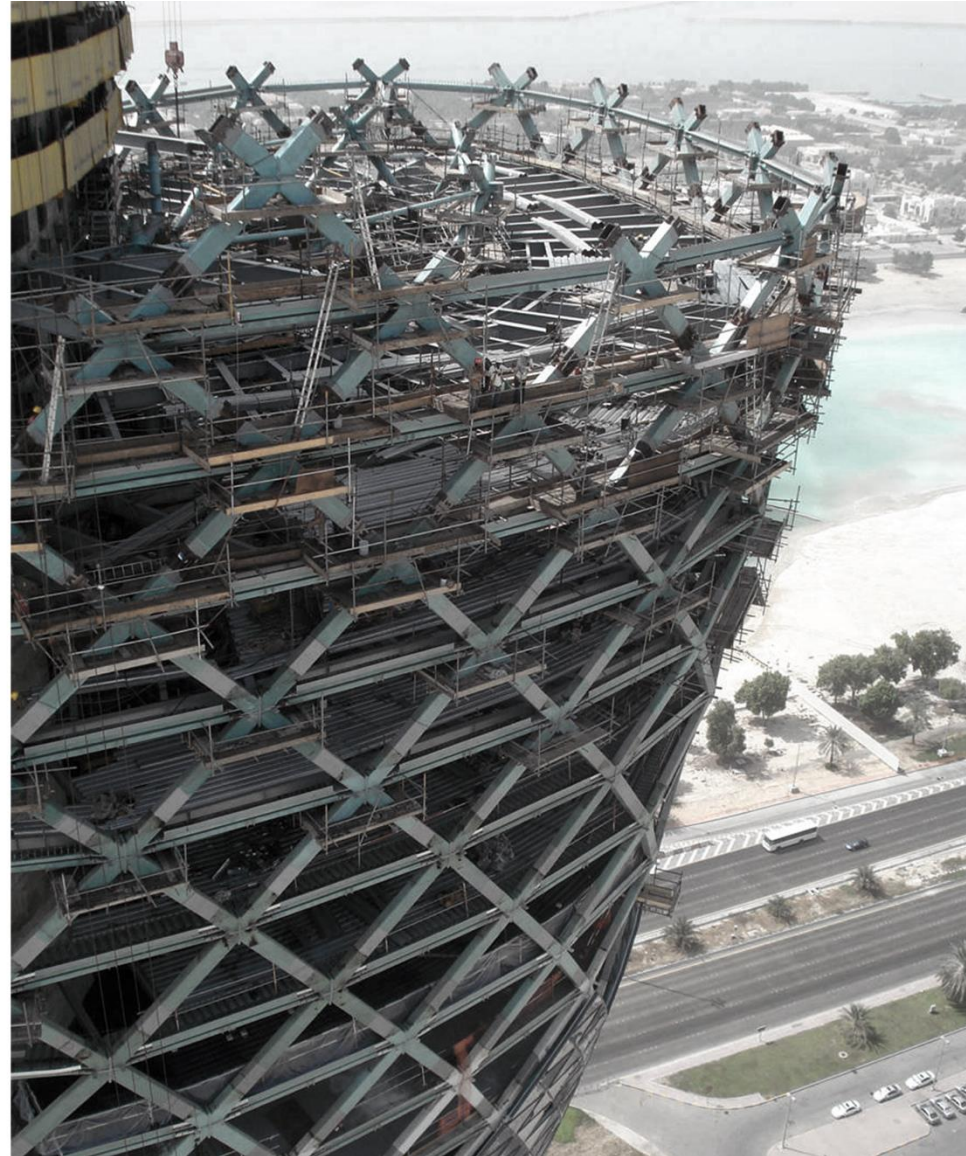
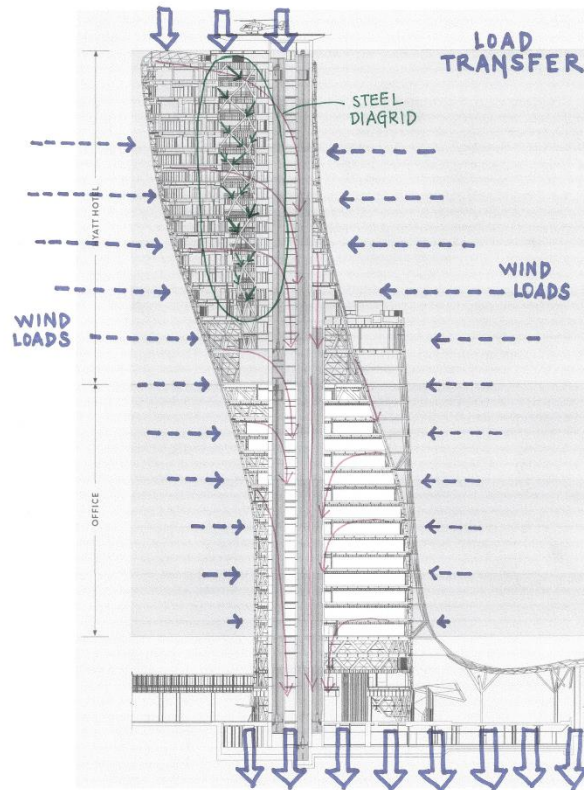
CAPITAL GATE TOWER, ABU DHABI

CASE STUDY

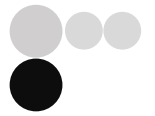
STRUCTURE STUDY / COMPRESSION ZONE OF THE ADSEQUOR

To make this possible, the central core of the building slants in the opposite direction to the lean of the structure, and it straightens as it grows. It sits on top of a 7-foot-deep concrete base with a dense mesh of reinforced steel. The steel exoskeleton known as the diagrid sits above an extensive distribution of 490 piles that have been drilled 100 feet underground to accommodate the gravitational, wind and seismic pressures caused by the lean of the building.

<https://www.archdaily.com/>

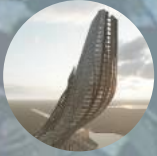


BACKGROUND





LOOK CLOSER



FLY



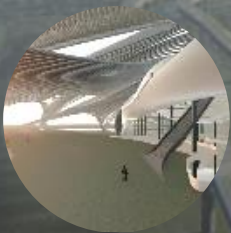
THE BACKGROUND



THE ADSEQUOR



MOVE TOWARDS



TAKE A LOOK



GET INSIDE



SEETHROUGH

ECONOMICALLY



CONCEPT



SOCIO-CULTURALLY



ENVIRONMENTALLY



HOME I MOVE TOWARDS

CONCEPTUALLY DIARY

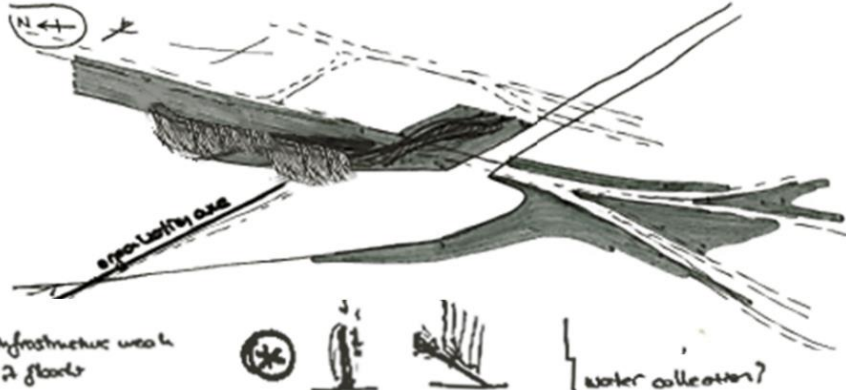
MOVE TOWARDS



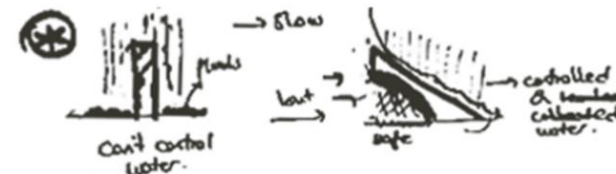
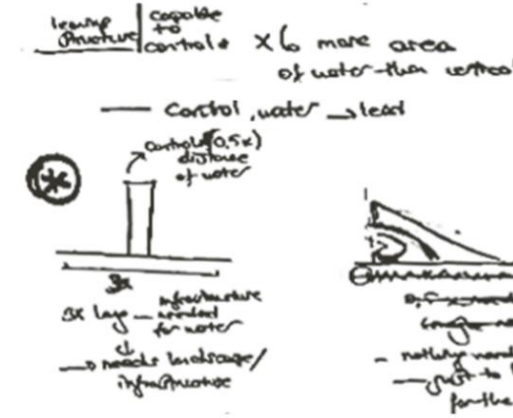
BACK

Why Leans?

- Sun
- Wind
- Water
- Landmark
- Trophic



notably
- that is rainy (all seasons) → infrastructure work
→ water waste creep? → 2 floors

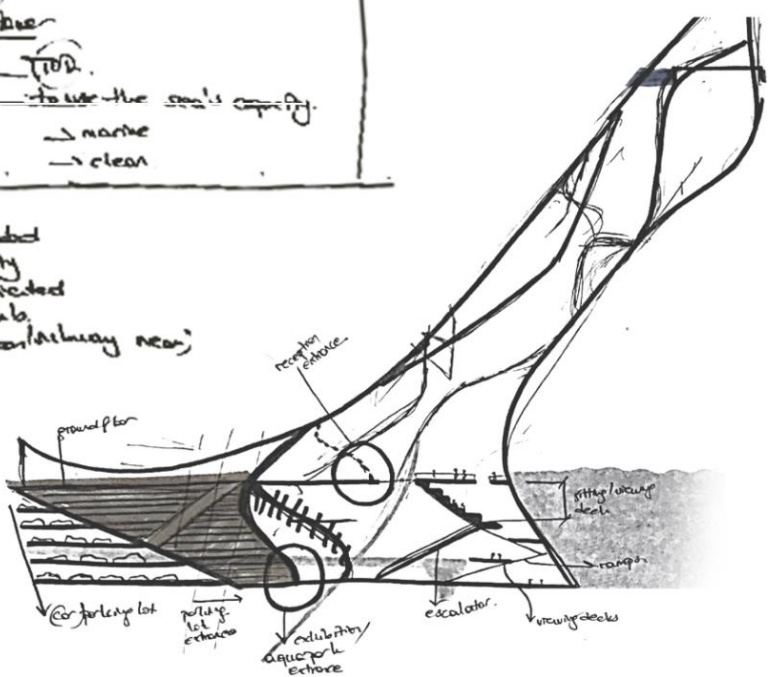


(x 6 more water collection just by building's shape)

Why -lean

- to use the sun's energy
- name
- clean

tower needed
high density
- vault-oriented
receptors
(12 km/hourly near)



- 1 Clean & to clean
 - 2 Energy & money needed.
 - 3 tower gives - these needs
- if tower needed
then leaning also becomes relevant

- to make heat-flow beauty needs to be

Somewhatly environmental
① public → safe, clean, walkab.
② clean → water cleaned, most used, active without transformer

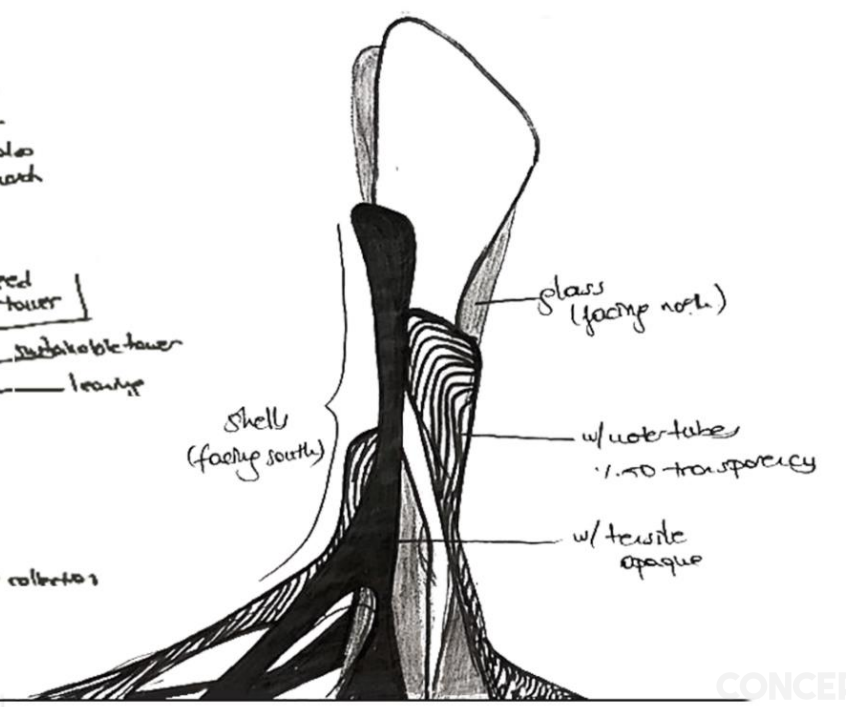
economically tower
- money energy cycle (long term)

need tower
- walkable tower
- leaning

- more green areas / public spaces
- low infrastructure

- wind
- sun
- water collection

aesthetically landmark
practically tourism → economy



CONCEPT

SOCIO-CULTURALLY

MOVE TOWARDS




BACK



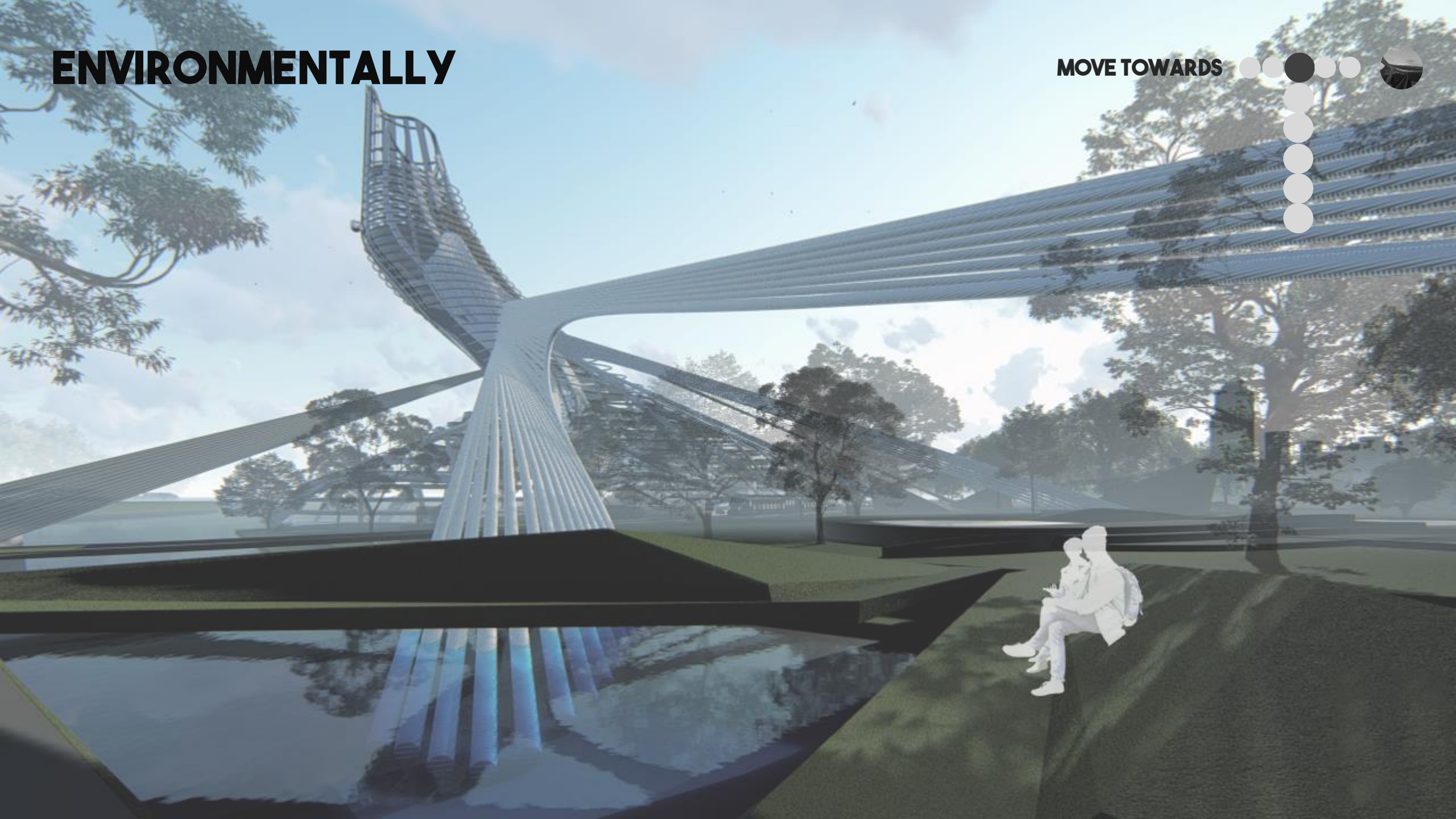
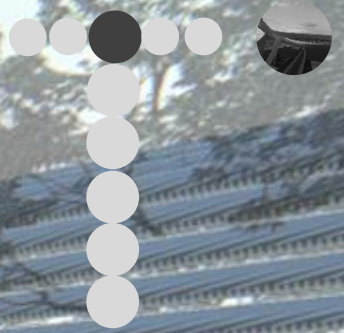
SOCIO-CULTURALLY

MOVE TOWARDS



ENVIRONMENTALLY

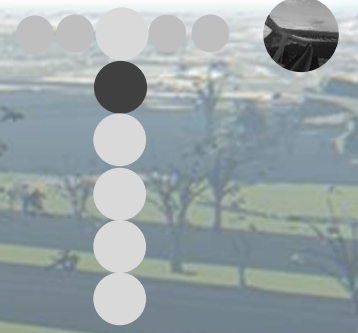
MOVE TOWARDS



ENVIRONMENTALLY LIVING MACHINE

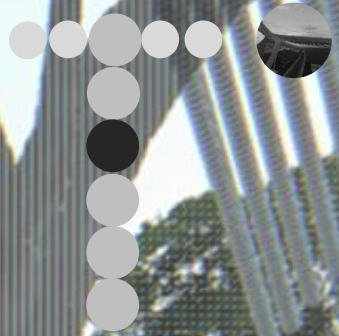
LANDSCAPE TERRACES

MOVE TOWARDS

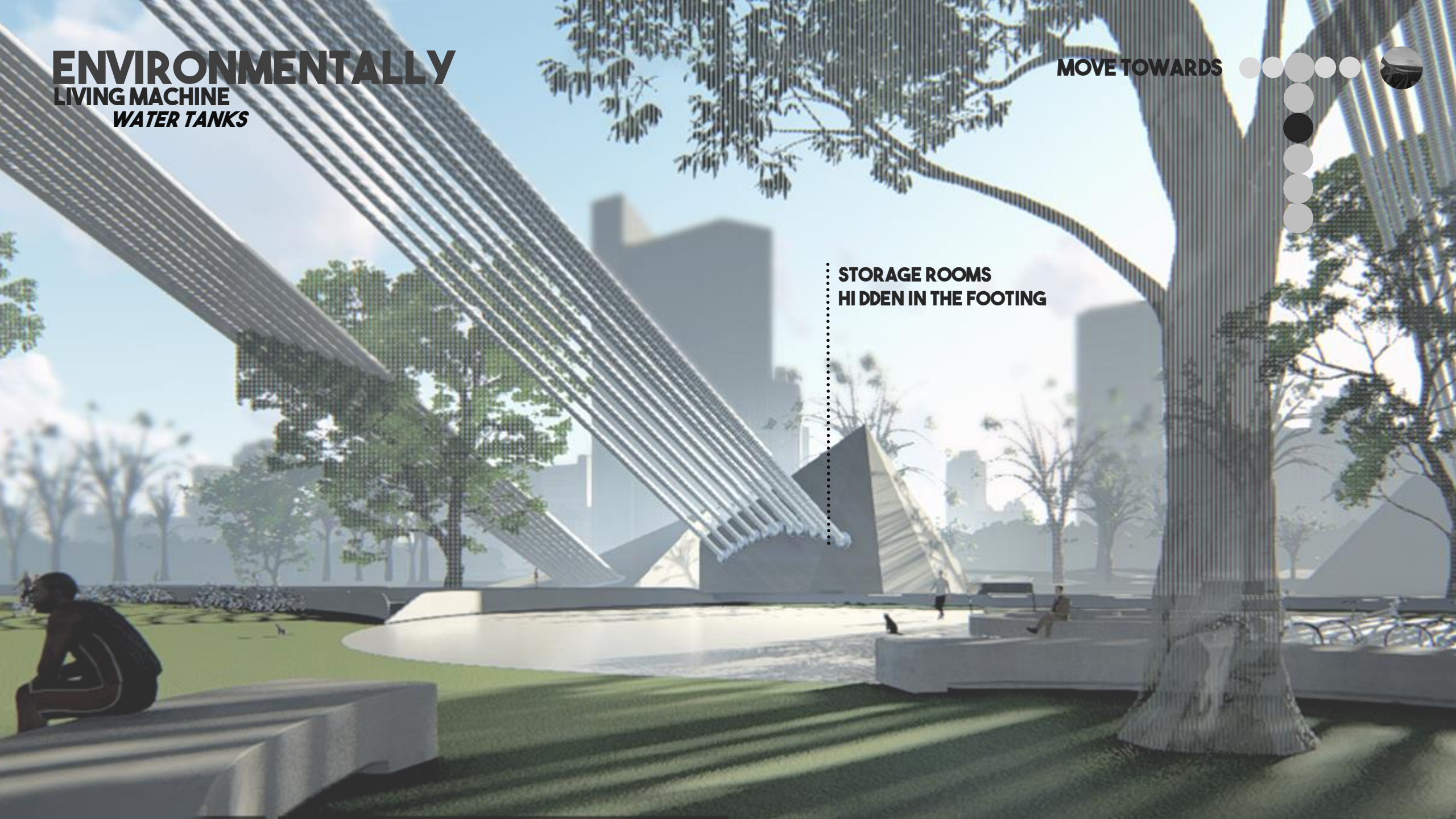


ENVIRONMENTALLY LIVING MACHINE WATER TANKS

MOVE TOWARDS

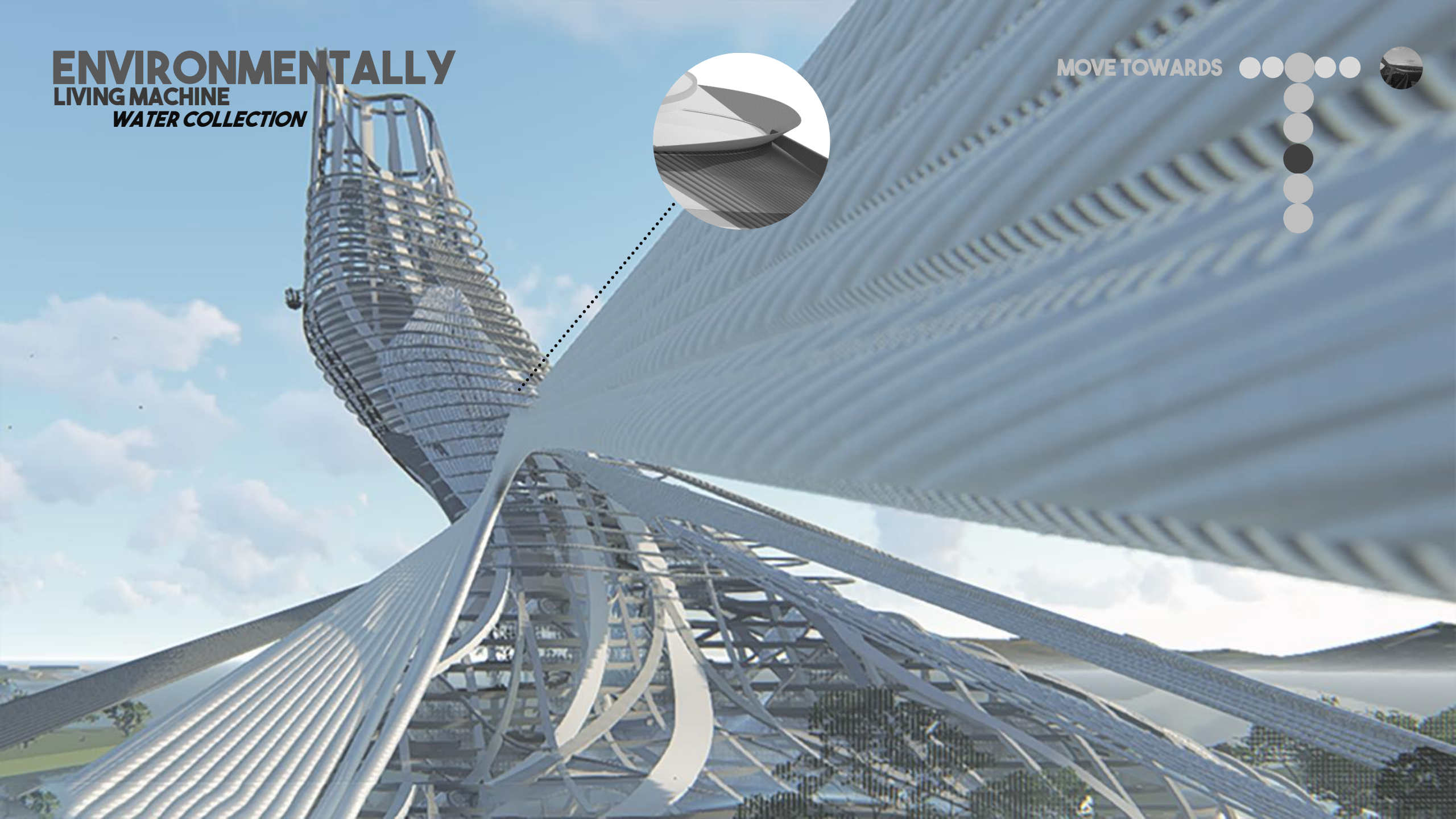
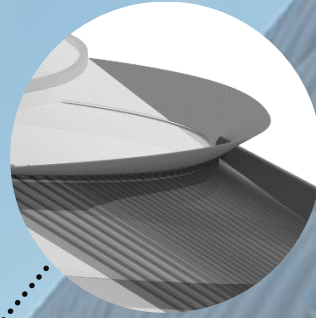
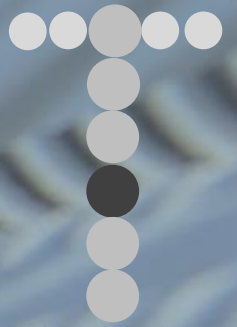


STORAGE ROOMS
HIDDEN IN THE FOOTING



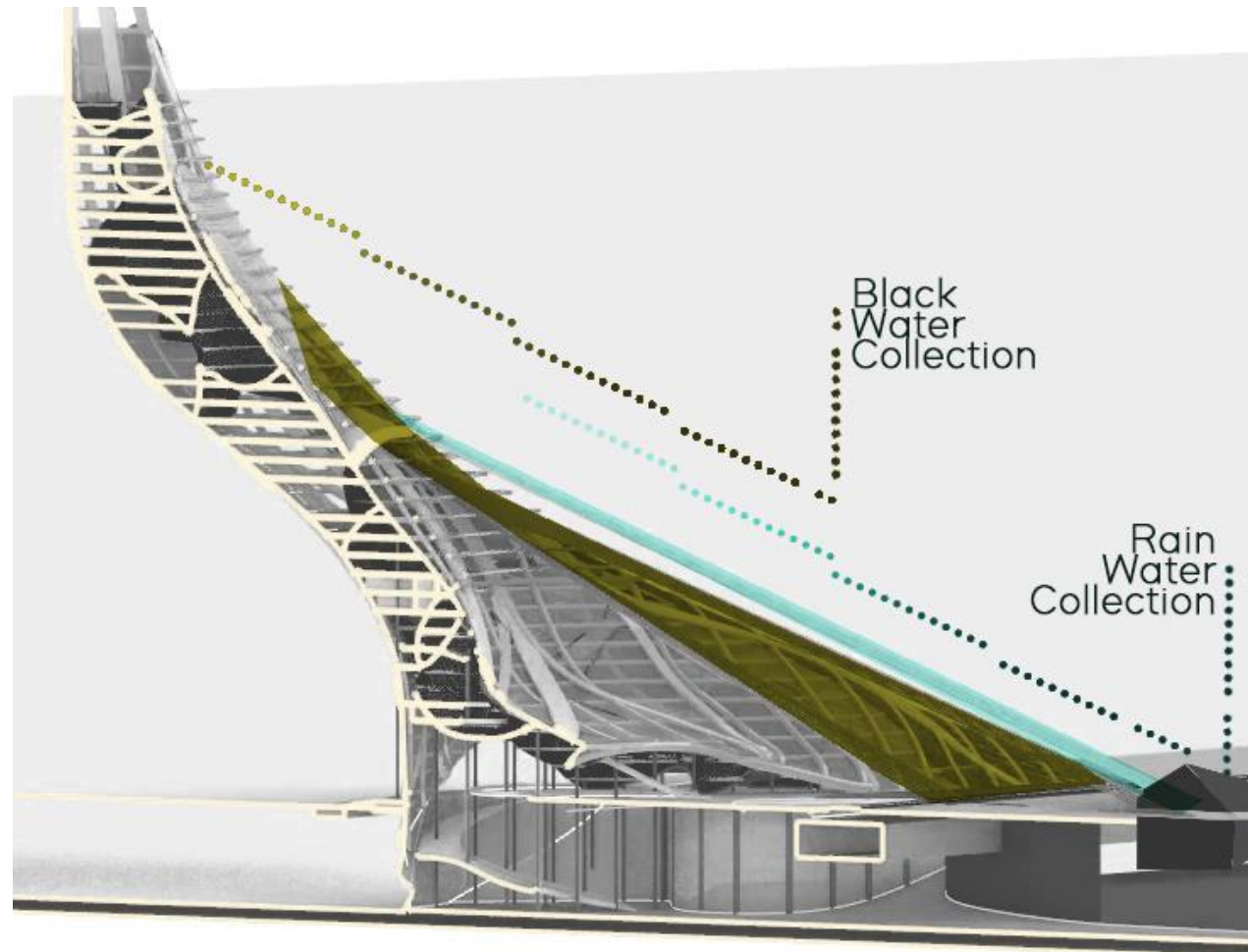
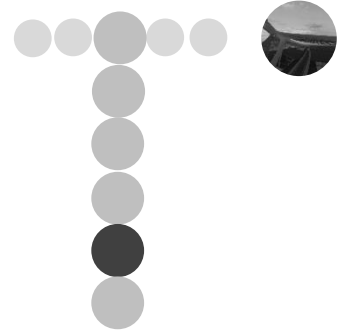
ENVIRONMENTALLY
LIVING MACHINE
WATER COLLECTION

MOVE TOWARDS



ENVIRONMENTALLY LIVING MACHINE WATER COLLECTION

MOVE TOWARDS



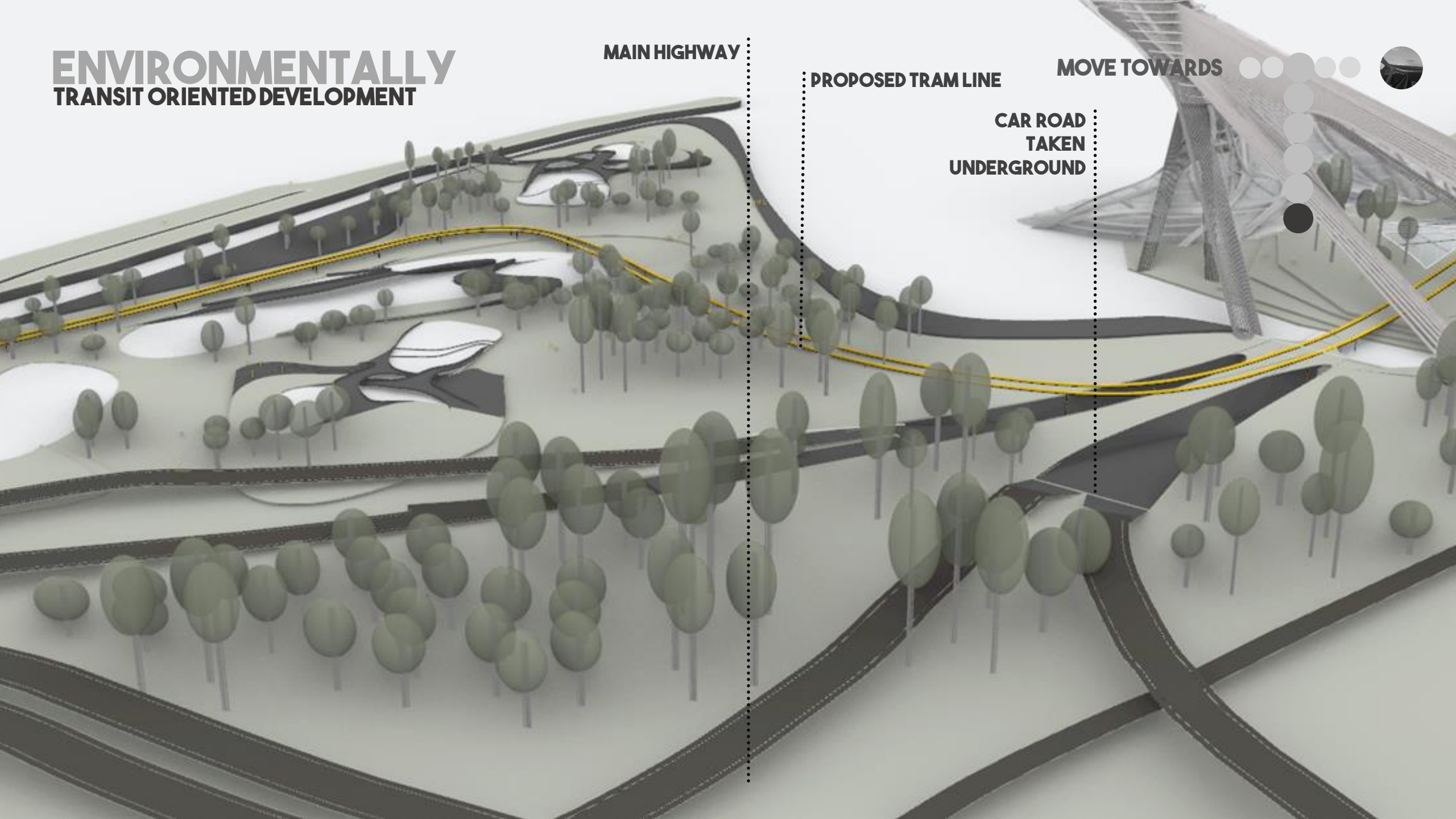
ENVIRONMENTALLY TRANSIT ORIENTED DEVELOPMENT

MAIN HIGHWAY

PROPOSED TRAM LINE

MOVE TOWARDS

CAR ROAD
TAKEN
UNDERGROUND



**ECONOMICALLY
HIGHER DENSITY DEVELOPMENT**

MOVE TOWARDS





FLY



THE BACKGROUND



THE ADSEQUOR



MOVE TOWARDS



TAKE A LOOK



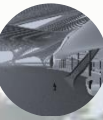
GET INSIDE



SEE THROUGH



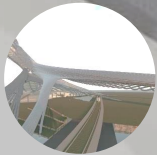
LOOK CLOSER



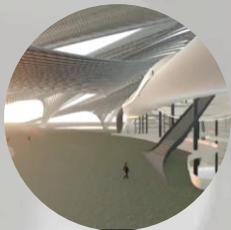
2 | TAKE A LOOK

 THE BACKGROUN

THE ADSEQUOR



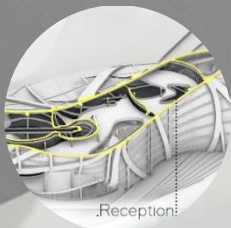
MOVE TOWARDS



TAKE A LOOK



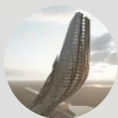
GET INSIDE



SEE THROUGH



LOOK CLOSER



FLY



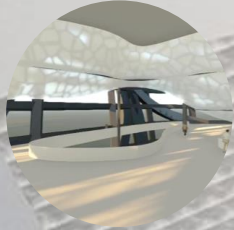
3 | GET INSIDE



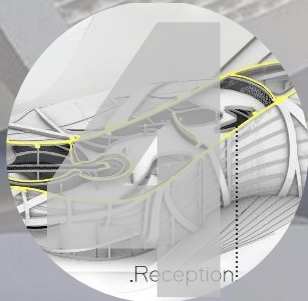
MOVE TOWARDS



TAKE A LOOK



GET INSIDE



SEE THROUGH



LOOK CLOSER



FLY



THE BACKGROUND

CIRCULATION



PLAN



SECTION

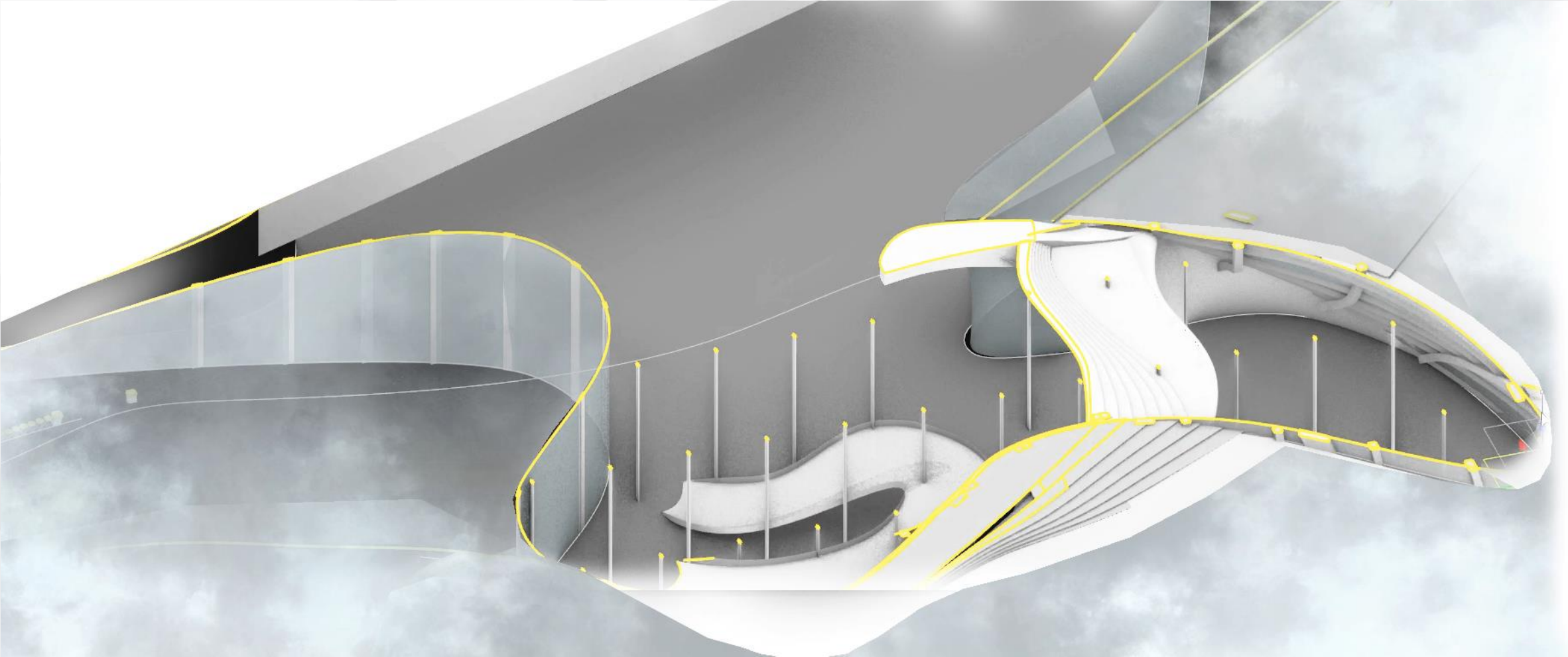


41 SEE THROUGH

THE ADSEQUOR

PLAN PERSPECTIVE ANIMATION

SEE THROUGH



SECTION PERSPECTIVE ANIMATION

SEE THROUGH

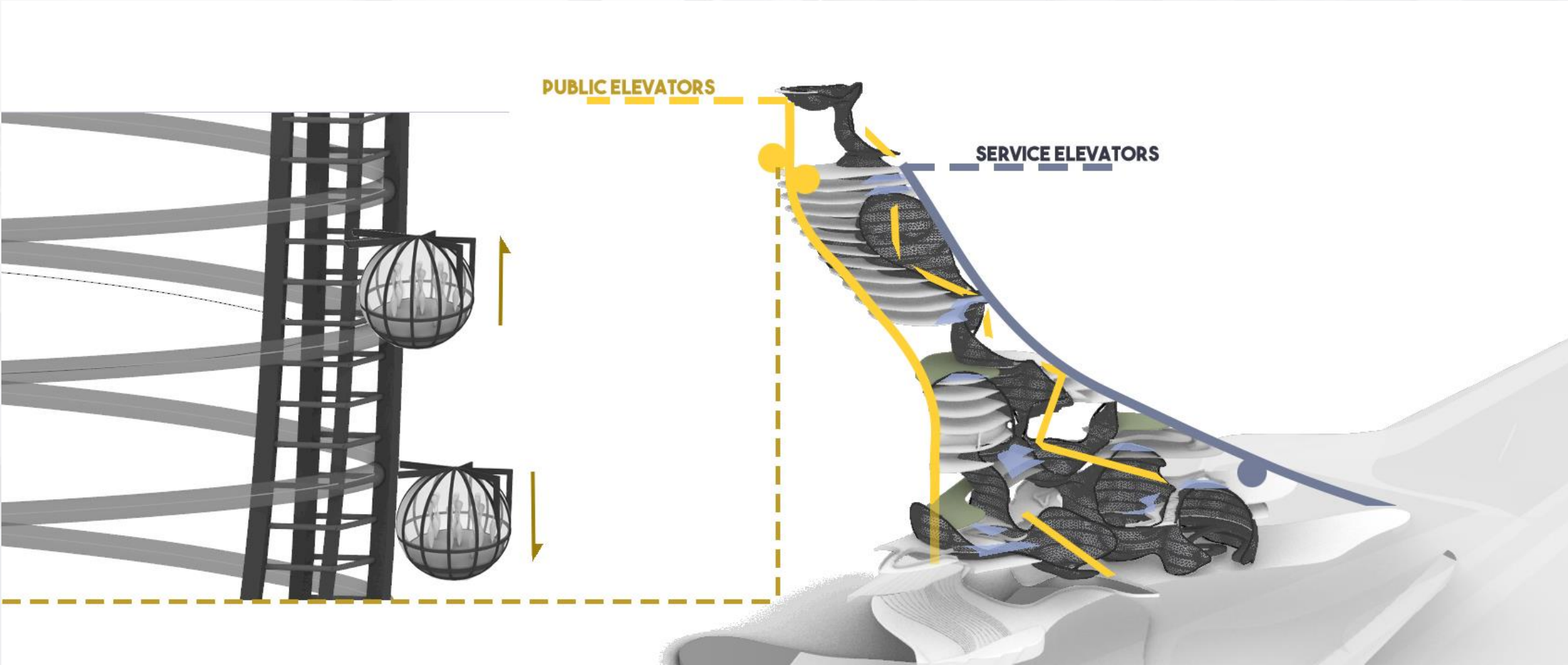


Car Road Arrangement:

WETLAND

CIRCULATION

SEE THROUGH

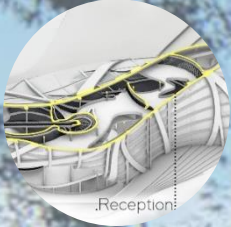




TAKE A LOOK



GET INSIDE



SEE THROUGH



LOOK CLOSER



FLY

THE BACKGROUND

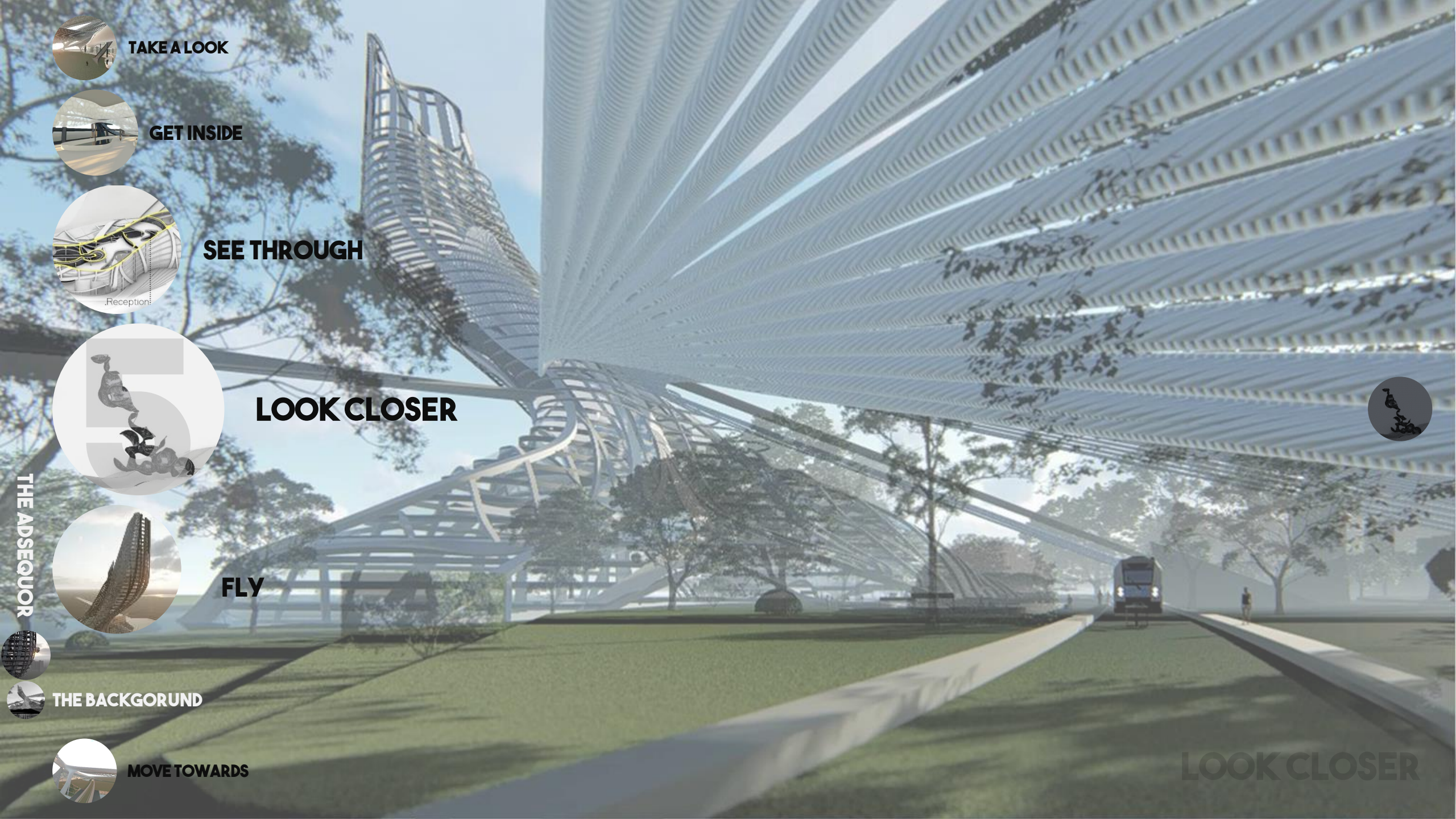


MOVE TOWARDS



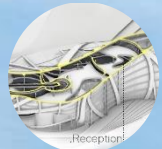
LOOK CLOSER

THE ADSEQUOR





GET INSIDE



SEE THROUGH



LOOK CLOSER



FLY

THE ADSEQUOR



THE BACKGORUND



MOVE TOWARDS



TAKE A LOOK

