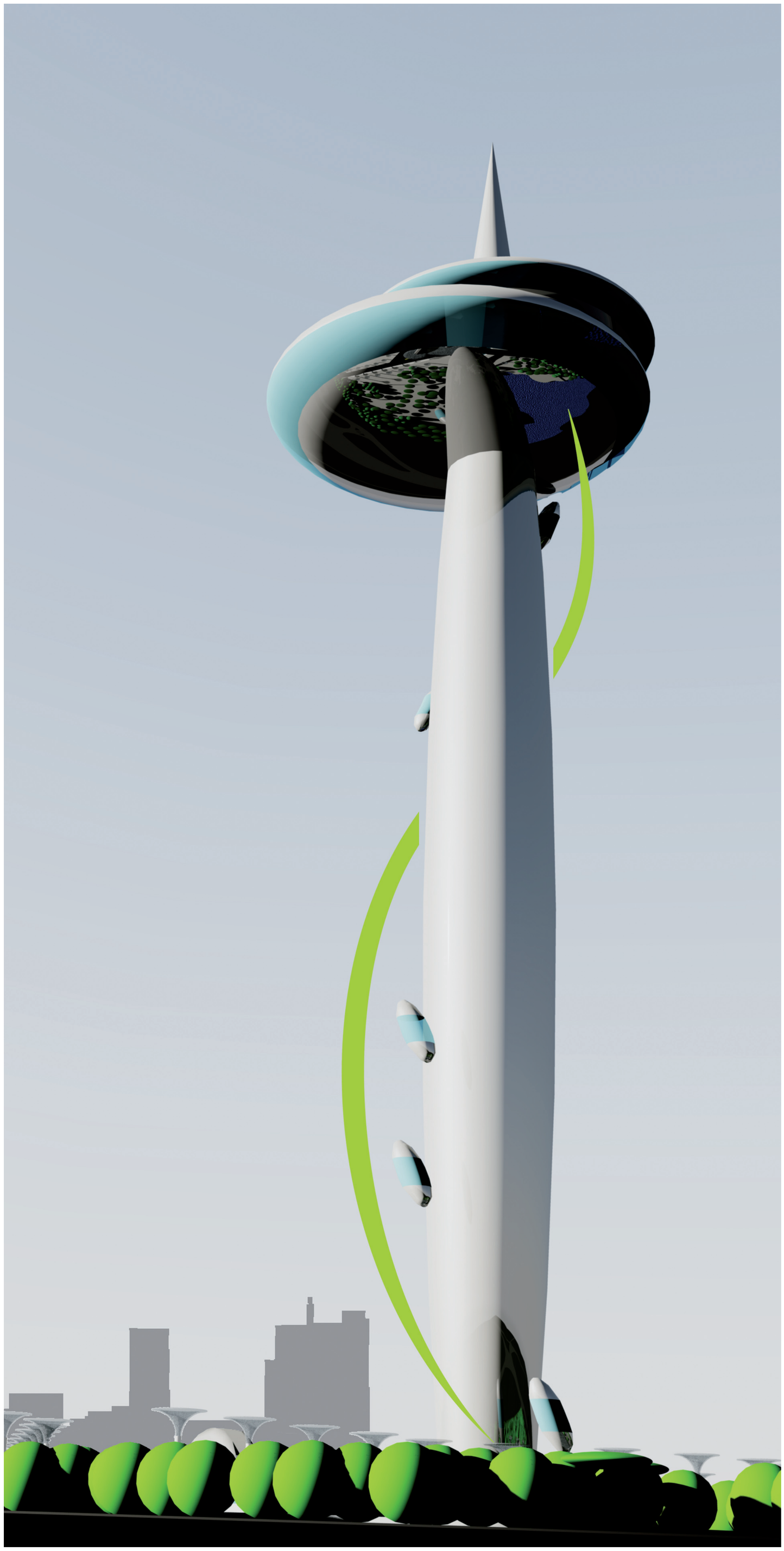
28906

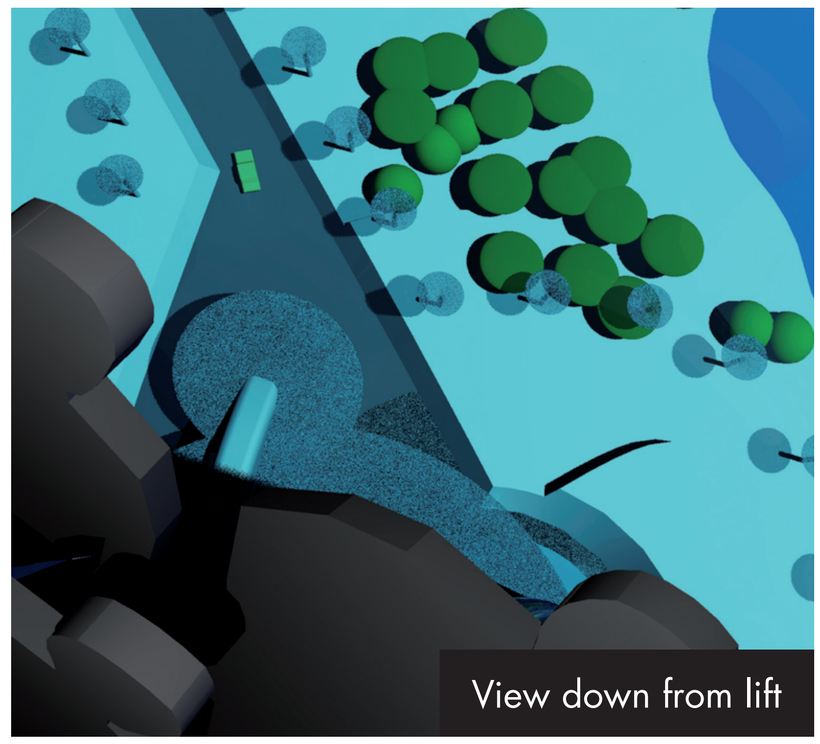
Za'abeel Park in Dubai

Tall Emblem Structure for Za'abeel Park in Dubai

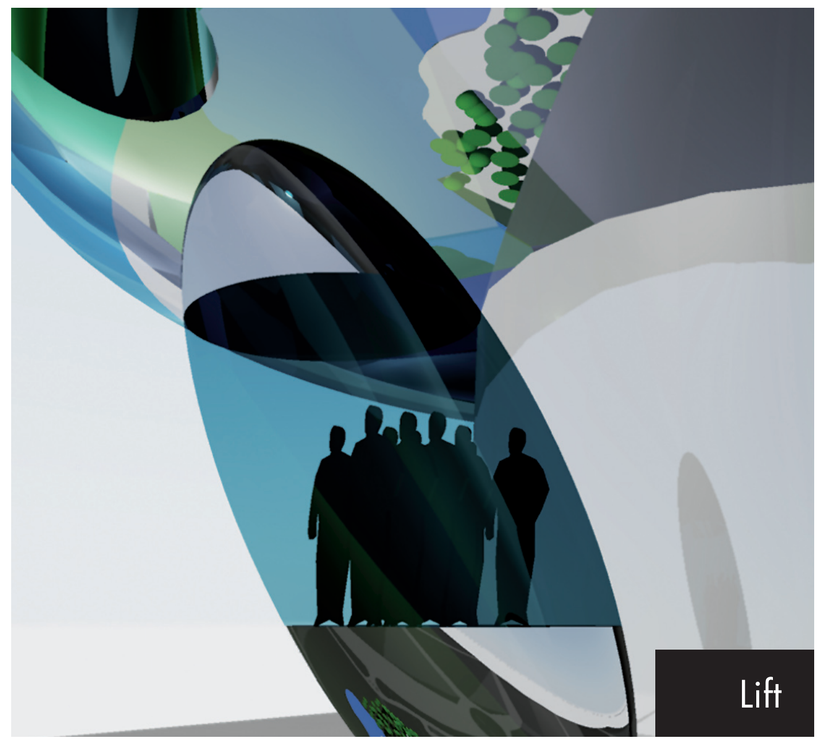
XI ThyssenKrupp Elevator Architecture Award

A lens-formed conference space and café circumscribe the tower off-centered. They move up and down with modest speed. Six small elevators in lentil shape speed up and down the trunk to connect these elements with the ground.



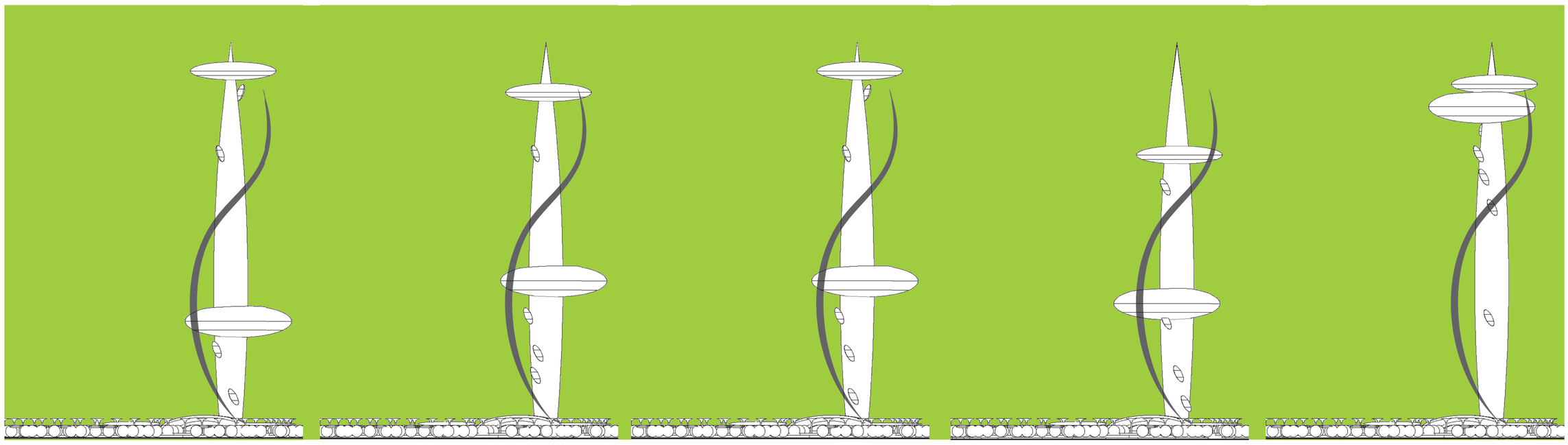


View down from lift

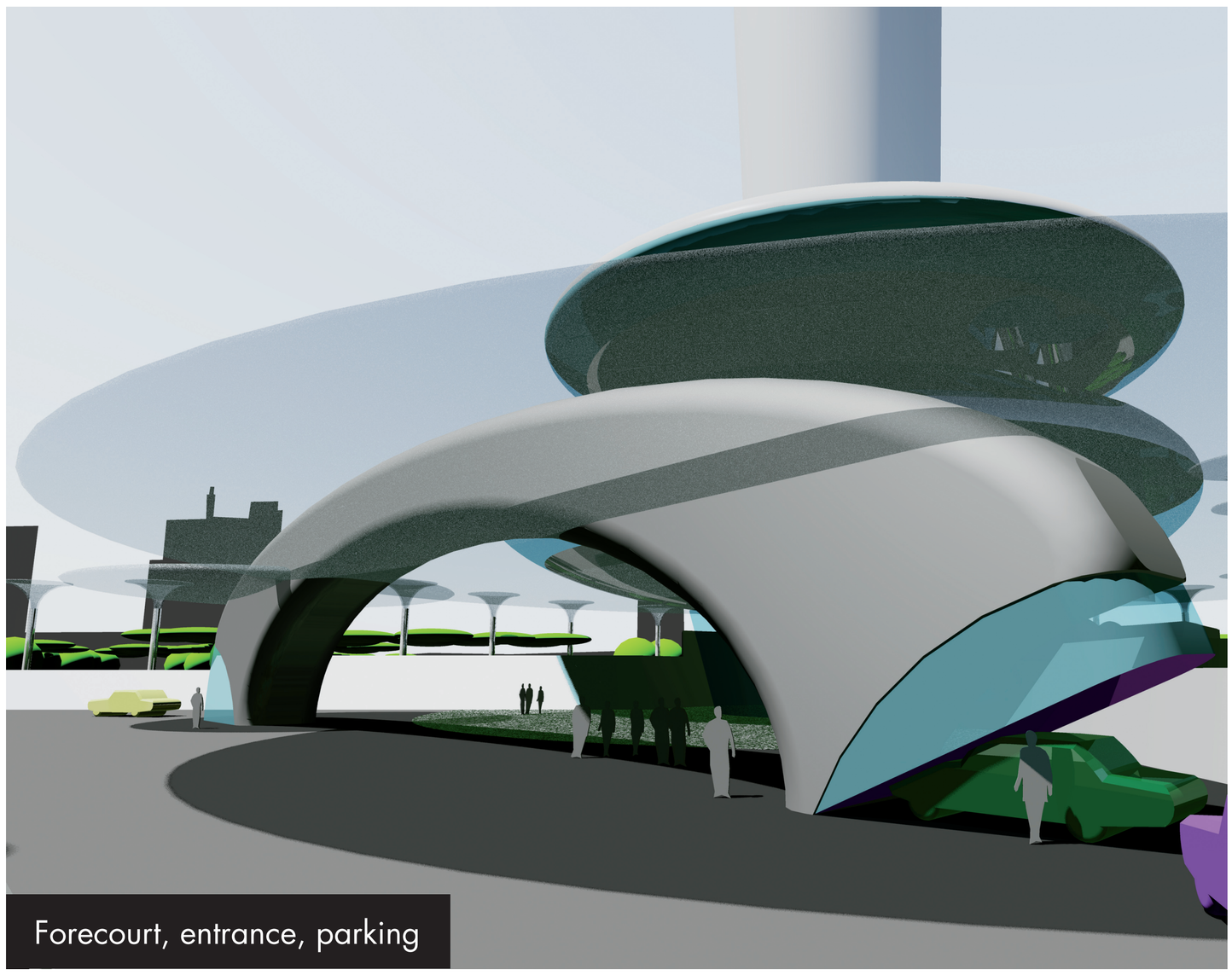


Lift

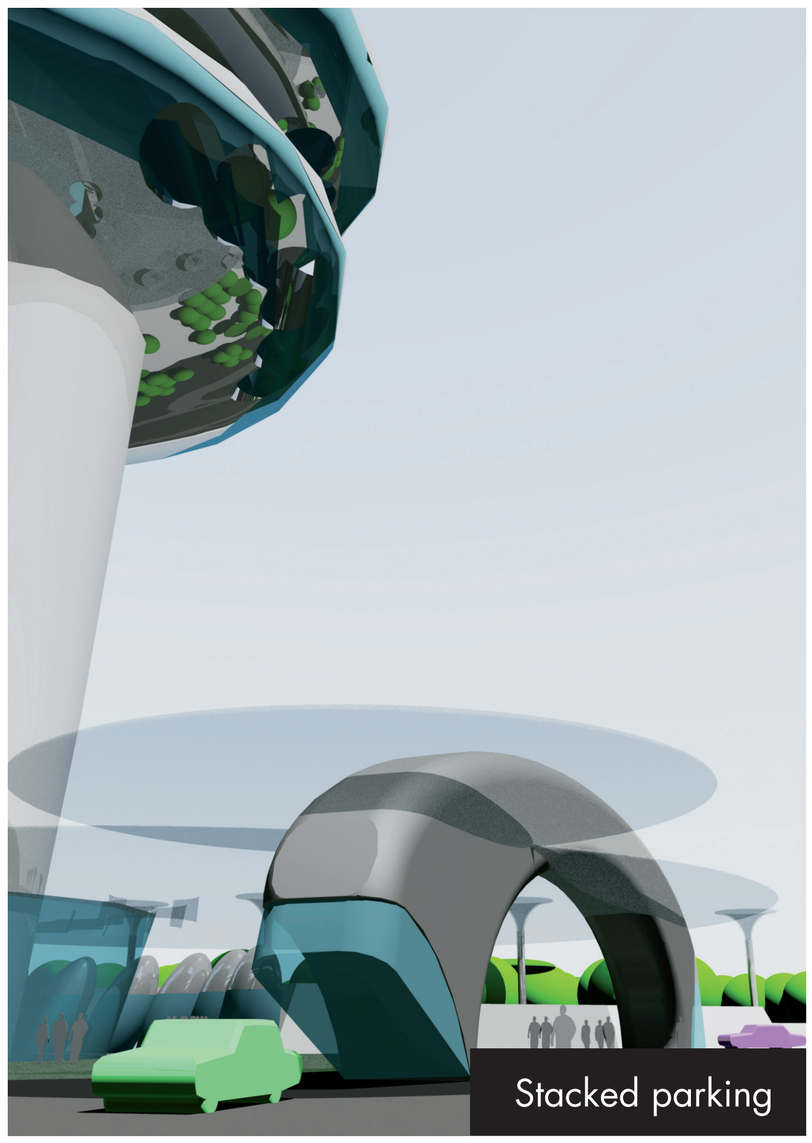
Inside Conference



XI ThyssenKrupp Elevator Architecture Award **Tall Emblem Structure** for Za'abeel Park in Dubai **28906**



Forecourt, entrance, parking



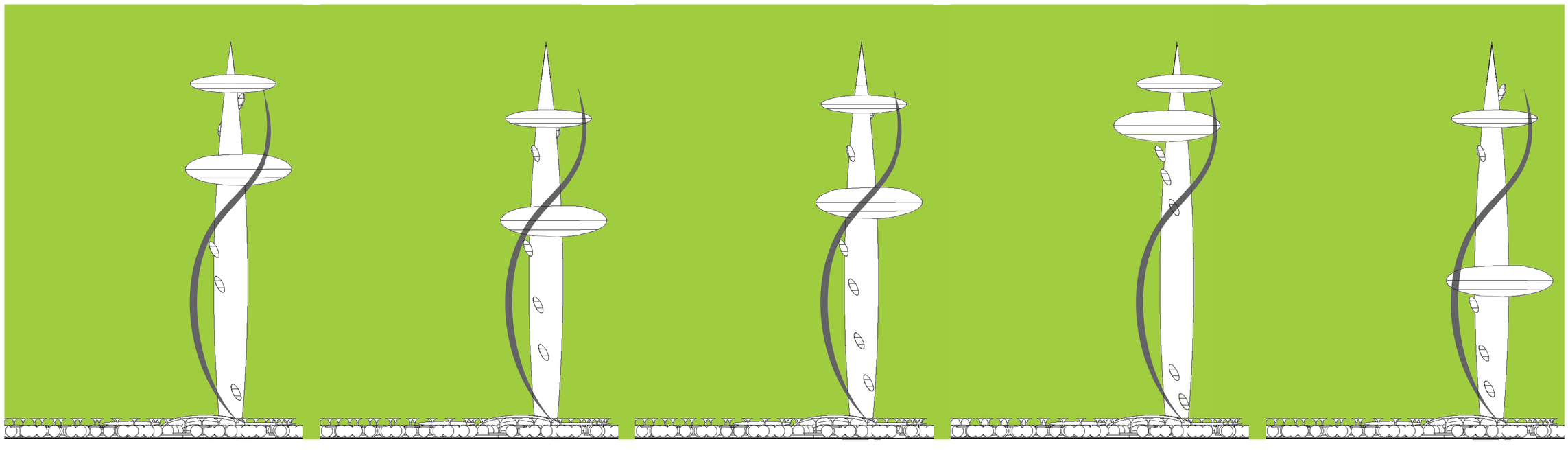
Stacked parking

The access is from 6th Street. Cars are left at the stacked parking system and moved automatically. You can regain your car and exit via 21st Street.

The forecourt is paved with artificial stone. It is covered by a lens-formed, expansive canopy. The structure is translucent and open sidewise.

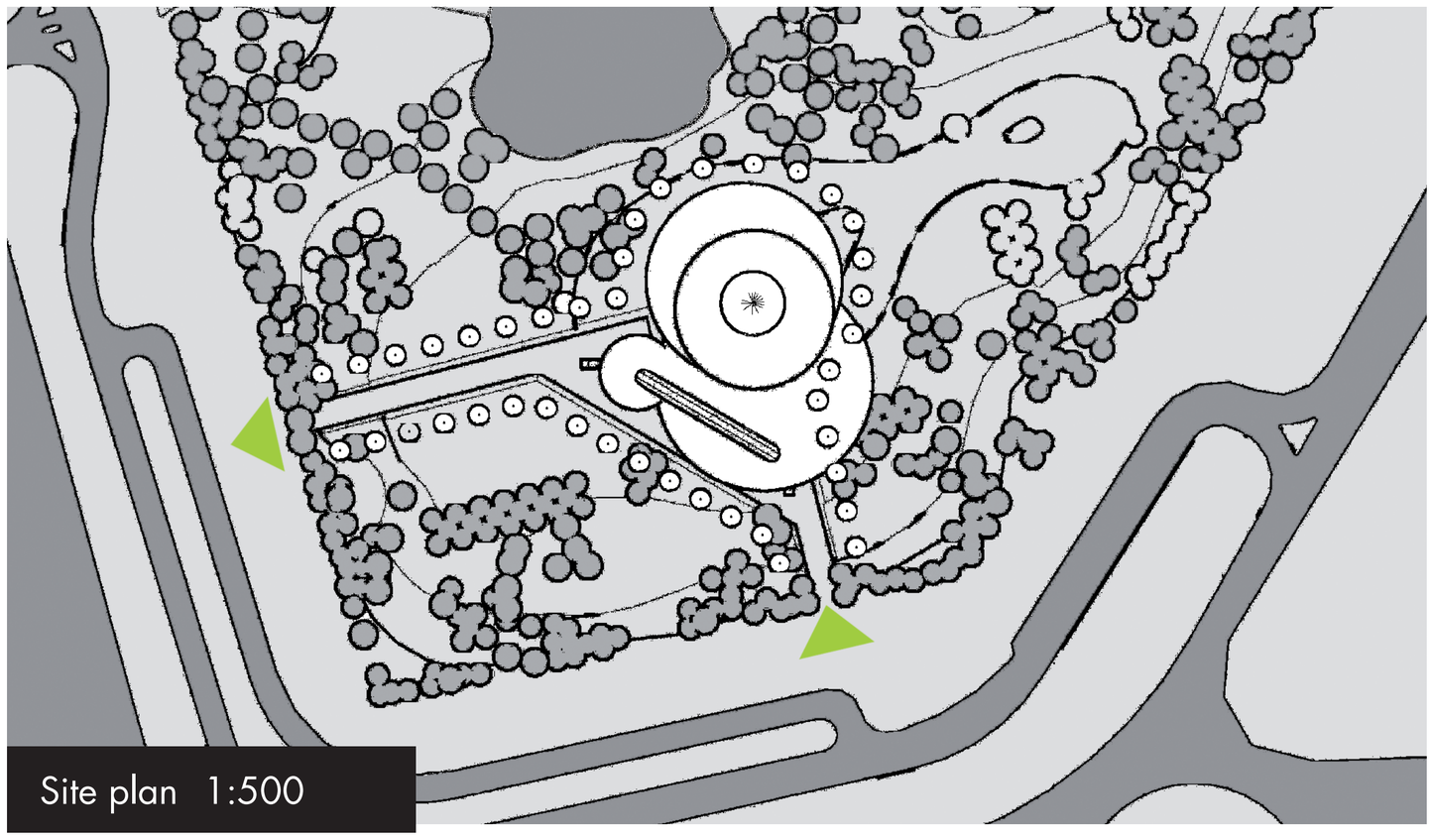
The entrance area features cash desks, infopoints, other infrastructure and access to the six elevators.

Forecourt, entrance, elevators

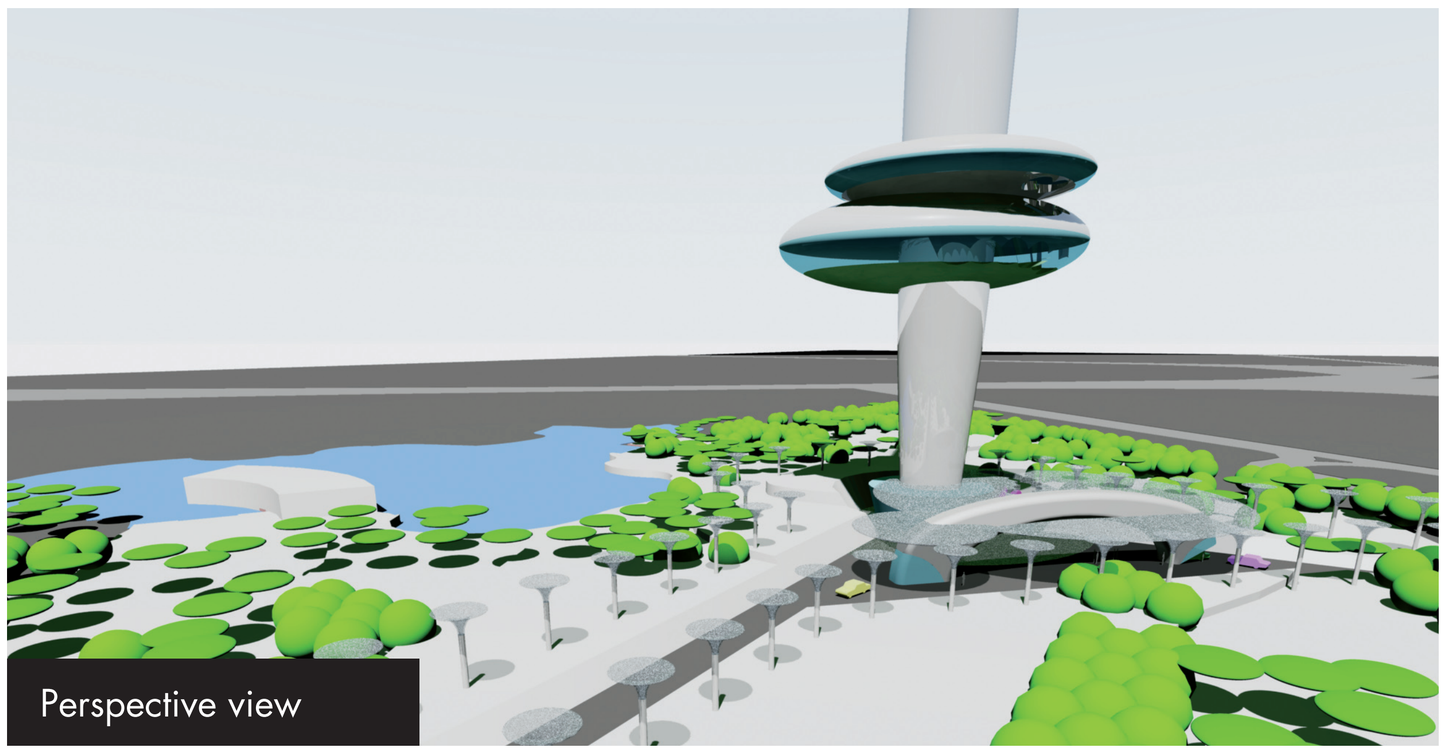


28906

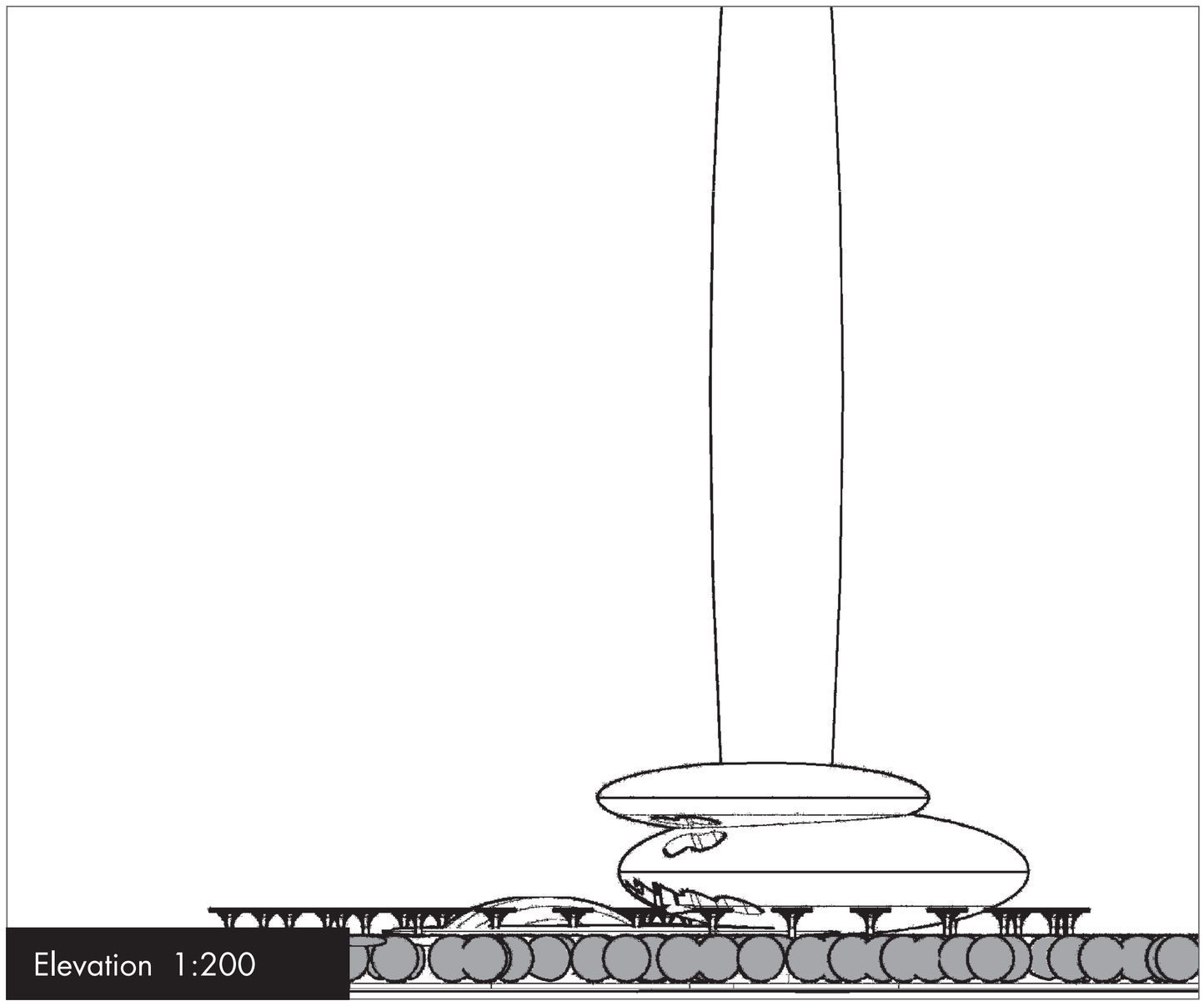
XI ThyssenKrupp Elevator Architecture Award **Tall Emblem Structure** for Za'abeel Park in Dubai



Site plan 1:500



Perspective view



Elevation 1:200

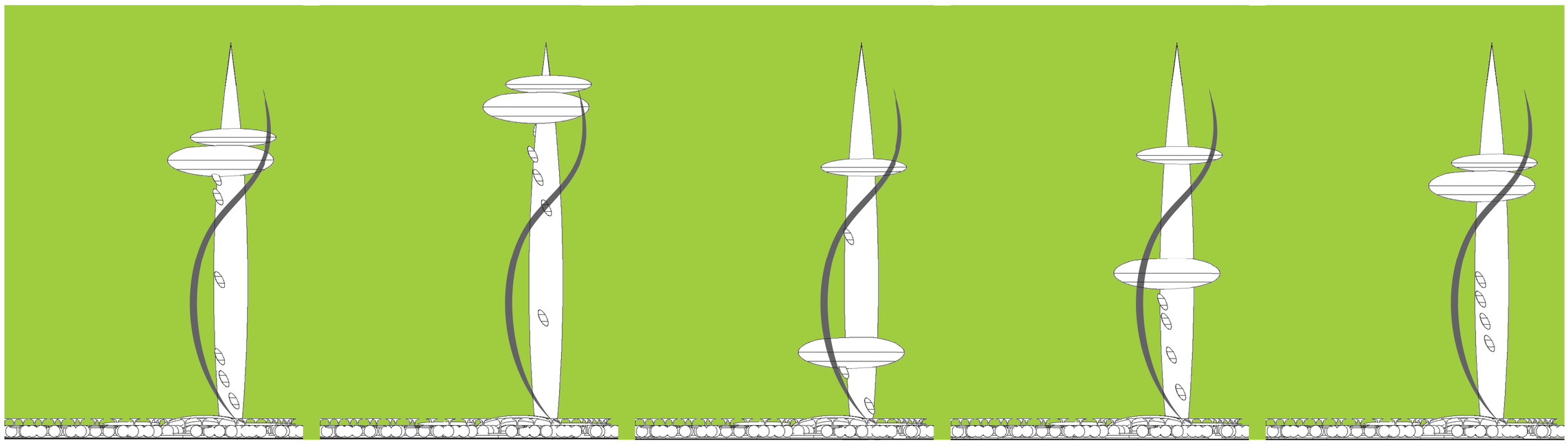
The access is from 6th Street. The road and the entrance area are cut into the topography. The forecourt is paved with artificial stone. A lens-formed, expansive canopy covers it.

The stacked parking system forms an arch. Cars are left at the way in and moved automatically into a free skid. At the way out you can regain your car and exit via 21st Street.

The tower is a 170 meters high structure with circular section. Both the base and the top are tapered. This is to give an extraordinary light and elegant appearance and to suggest endless expansion into the sky.

Tower, canopy and the arch of the stacked parking system form the rigid base of the structure.

The surrounding of the structure will be gardened and planted with native plants and palm trees. Special lighting posts illuminate the structure at night. These lights are designed to function as air inlets for the ventilation system.



Conference space and café are designed as rotating, lens-formed elements that move up and down the structure on spiral tracks. Six small elevators in lentil shape speed up and down the trunk to connect these elements with the ground.

All elements are fully glazed. The glazing is sloping to offer better views and to reduce solar impact and it can be opened if desired.

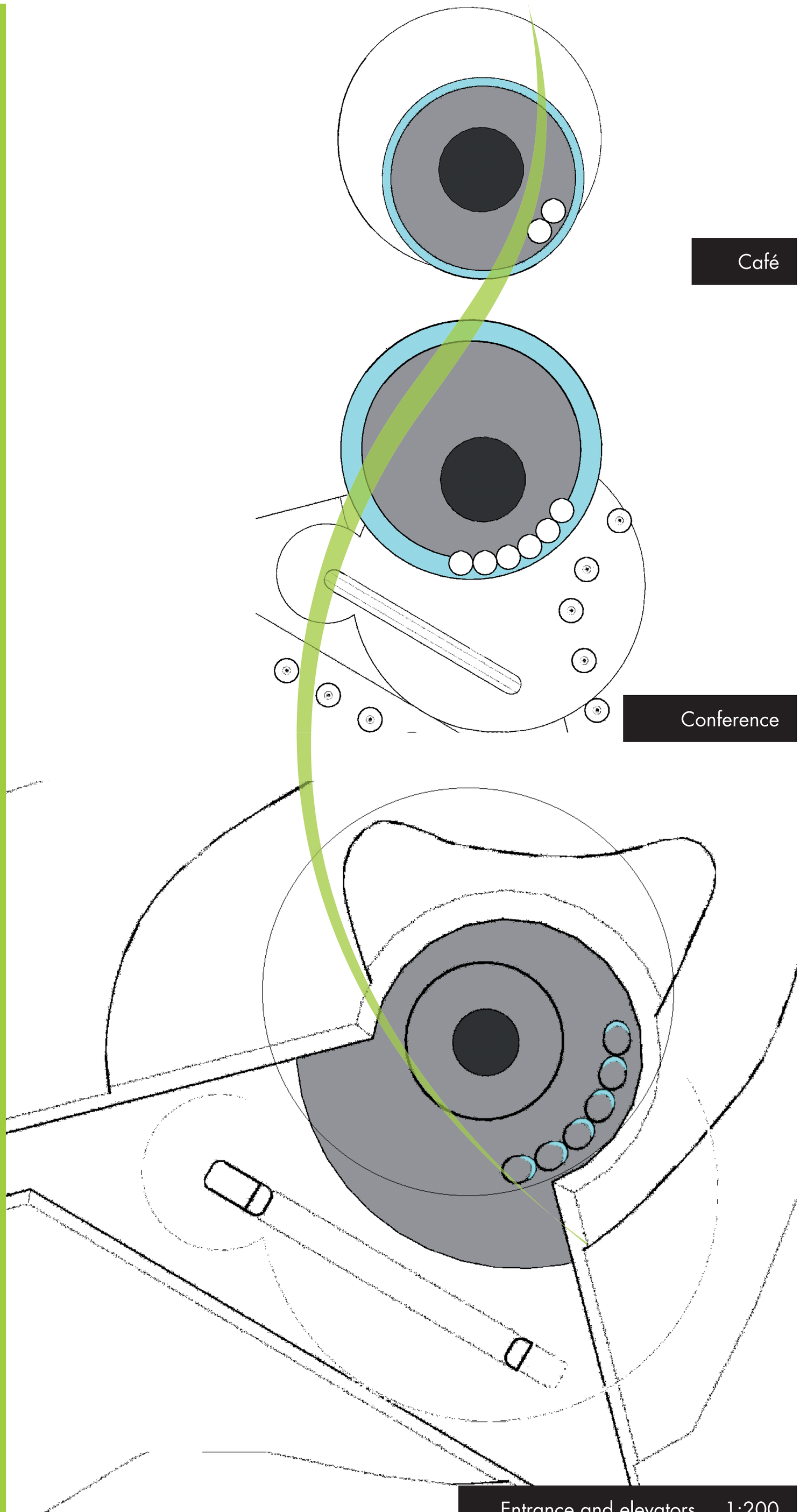
The open plans of conference and cafe space apply to all needs. The panorama will be fantastic. Imagine a presentation in the conference space whilst the magnificent Dubai skyline gently floats by!

It is possible to use the roofs as impressive outdoor viewing platforms.

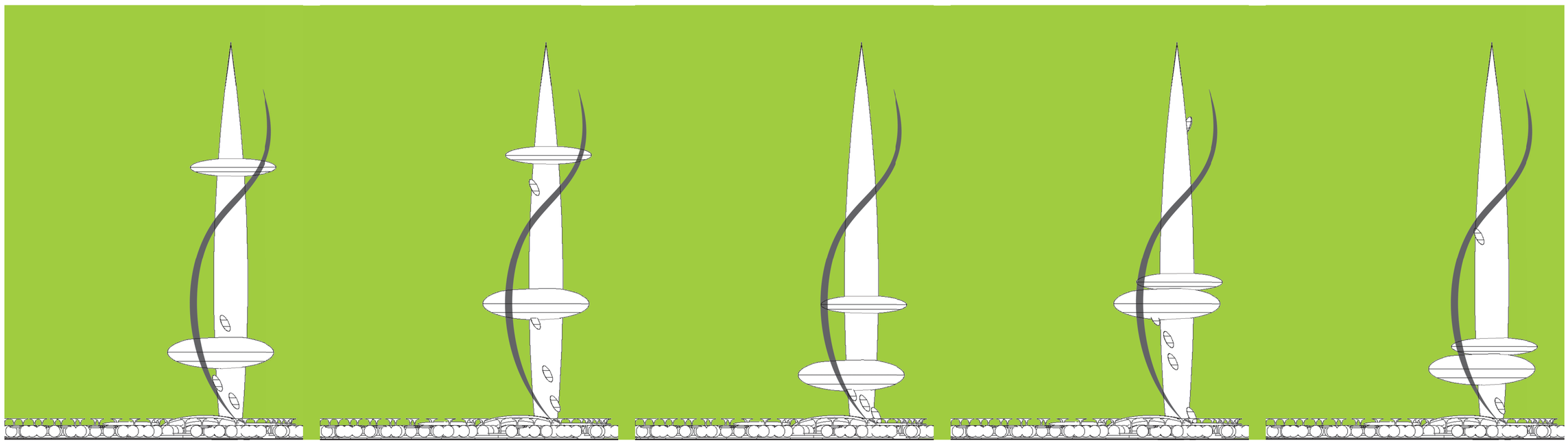
The forecourt at the ground is paved with artificial stone. A lens-formed, expansive canopy covers it. The structure is translucent and open sidewise.

The entrance building features cash desks, info-points, children's facilities and other mandatory infrastructure. Any plant rooms and technical support are housed in the basement.

The tower's surrounding will feature special lighting posts to illuminate the structure at night.



Entrance and elevators 1:200



XI ThyssenKrupp Elevator Award **Tall Emblem Structure** for Za'abeel Park in Dubai 28906

The aim of this competition is to develop an iconic tall emblem structure that contributes to the new face of Dubai and herewith to promote tourism and other recreational, scientific and cultural activities.

This structure's height is limited to a maximum of 170 meters. This is, compared to Dubai's extraordinary skyline, rather decent.

There are a number of emblematic buildings in Dubai: Burj Dubai, Burj Al Arab, Emirate Towers to name a few.

What is needed is an emblem structure that stands its ground without being 'the highest'. We need an icon, an eye catcher with unprecedented features.

The movable nature of the structure will serve as a storage for renewable energy. Windmills, photovoltaic units and the like do not work constantly. You need storage to buffer these inequalities. Whilst being elevated the conference and café units gain potential energy. This stored energy is later released when the units move down. Similar to a hydropower plant this energy is re-gained and re-introduced into the circuit.

Skyline