

CAMP ADVENTURE THE TREE TOP EXPERIENCE



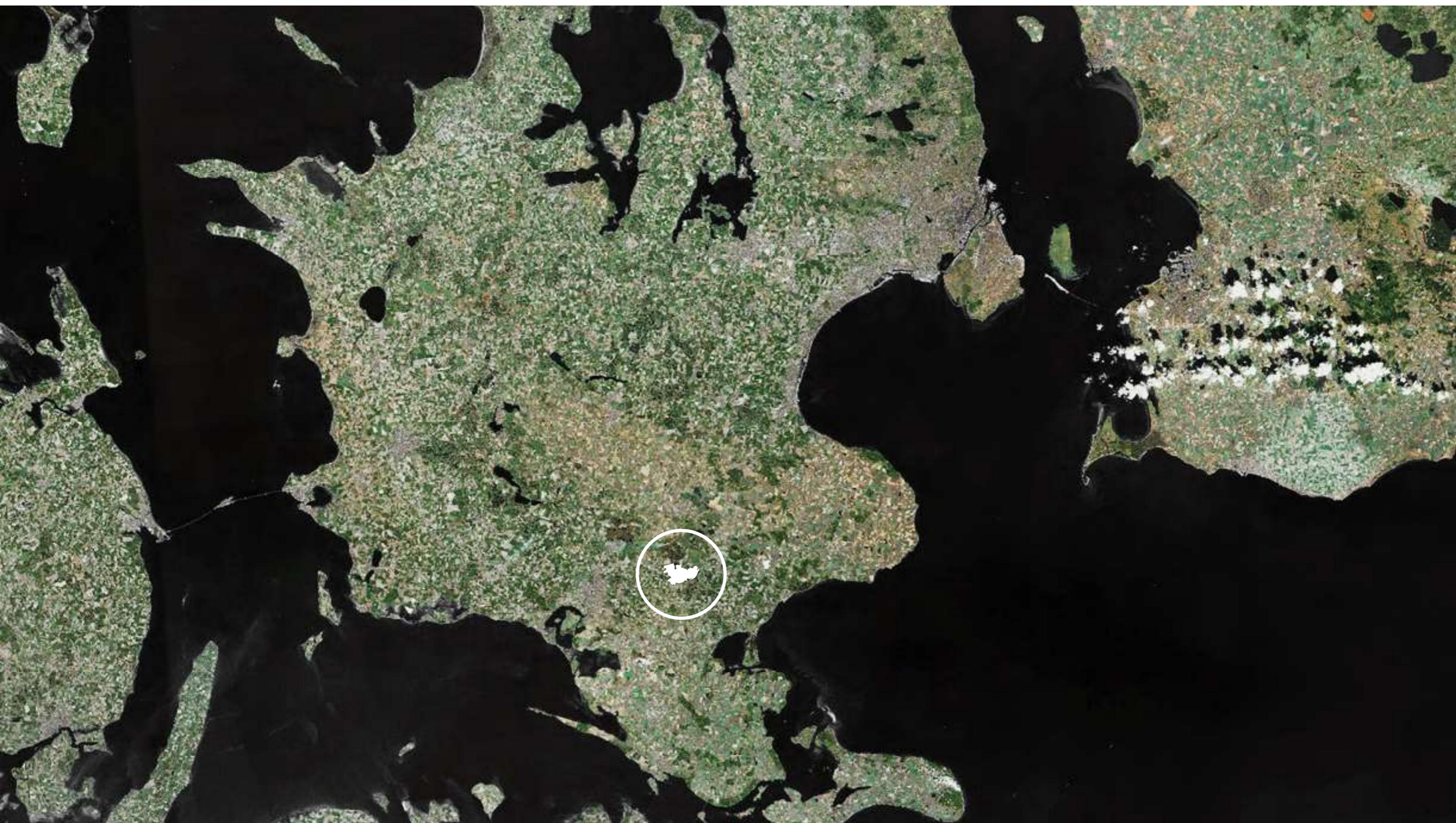
Den Europæiske Landbrugsfond
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Danmark og Europa investerer
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CAMP ADVENTURE

EFFEKT ARUP







Denderup Vænge



A wide-angle photograph of a lush green forest. The foreground is filled with the dark trunks of tall trees and the delicate fronds of ferns growing on the forest floor. The middle ground shows more of the dense canopy, with sunlight filtering through the leaves. The background is a darker, more shadowed area of the forest.

**How can we protect a preserved forest
and make it accessible to visitors at the same time?**



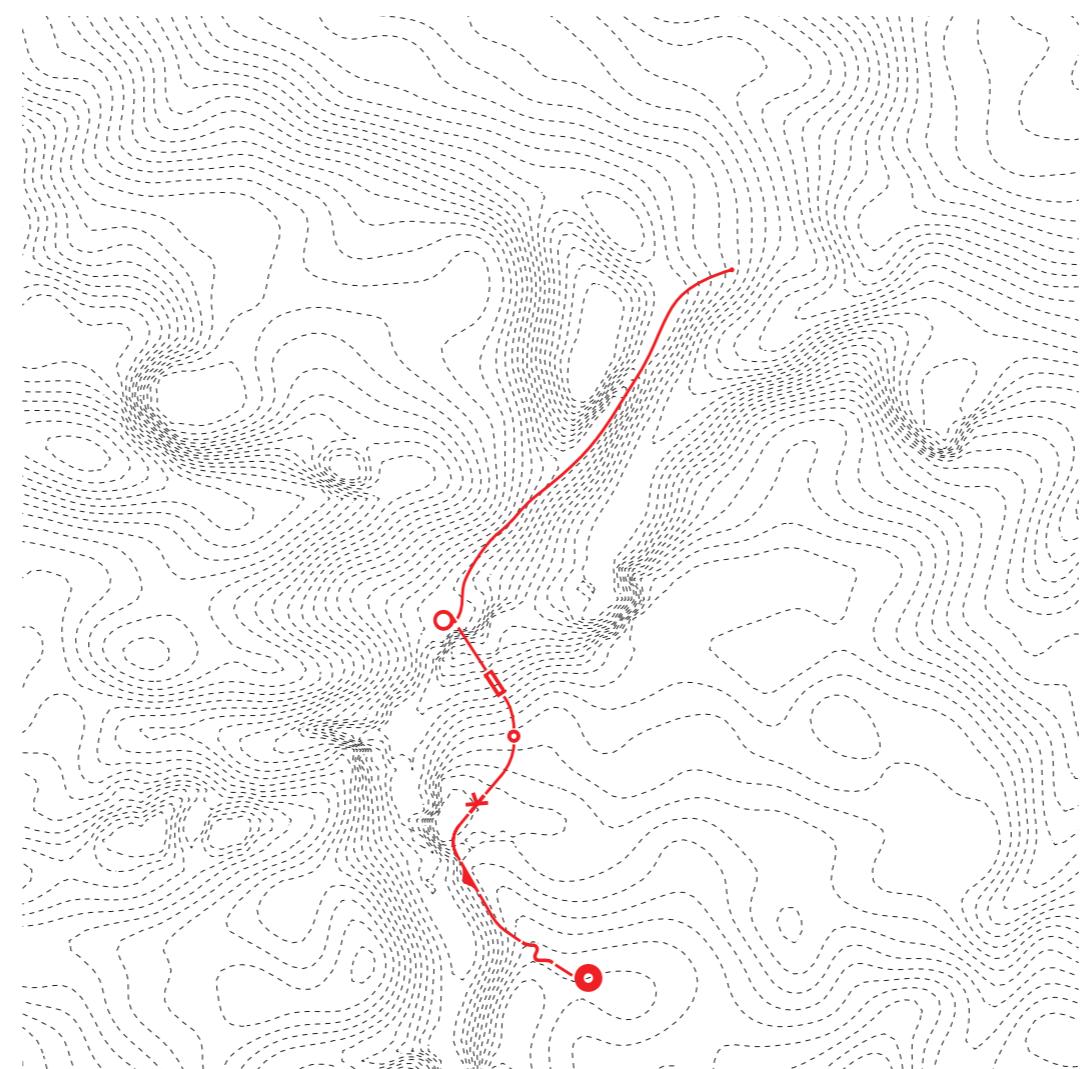
Site

The Tree Top Walk is located in Haslev Denmark, within the forest area Denderup Vænge.



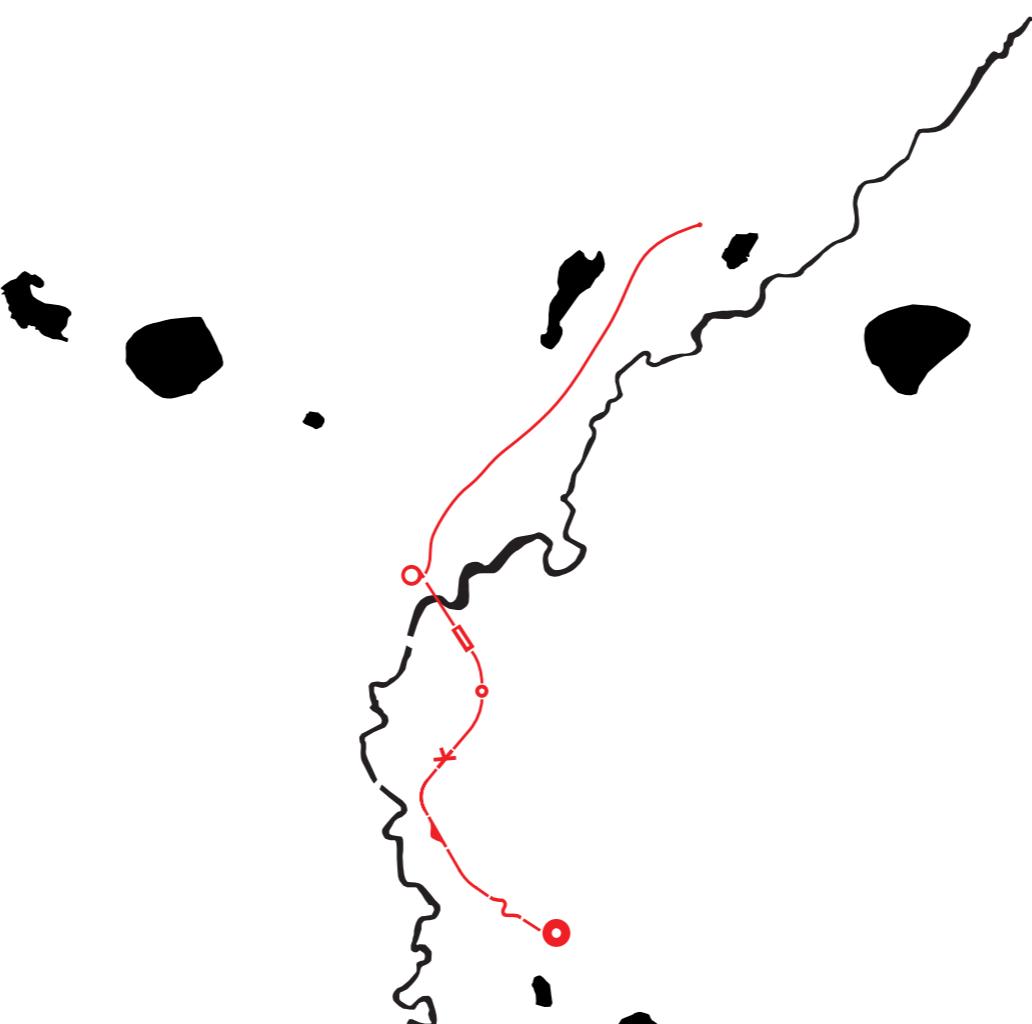
Type of Forests

The walk passes through different type of old forest ending in the observation tower located in the younger one overlook the surroundings



Topography

The area is characterized by a hilly landscape very rare in the region



Water Features

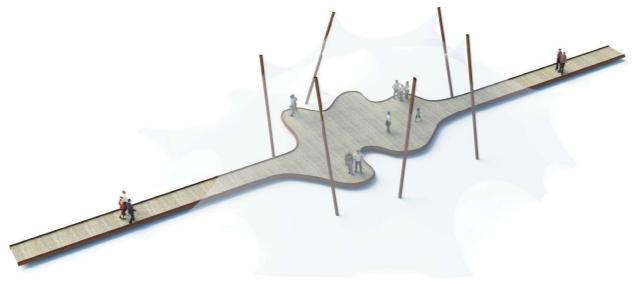
The walk follows and crosses a creek,
lakes and wetlands





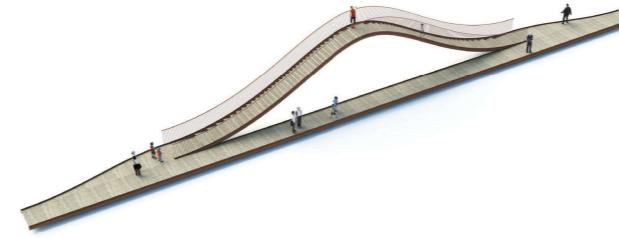






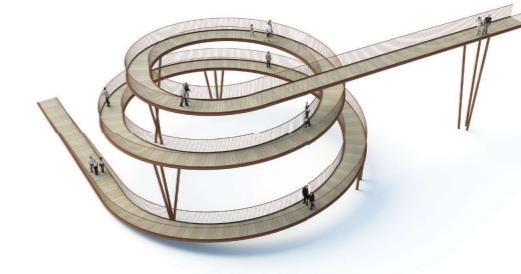
Voliere

The treetop walk passes through a voliere with different birds.



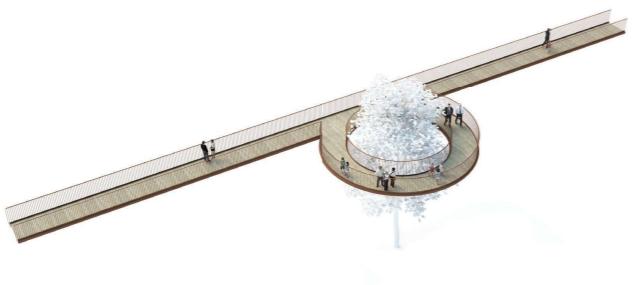
Split up

The path splits up to reach the first tree crowns.



Take off

A fast and fun way to gain height



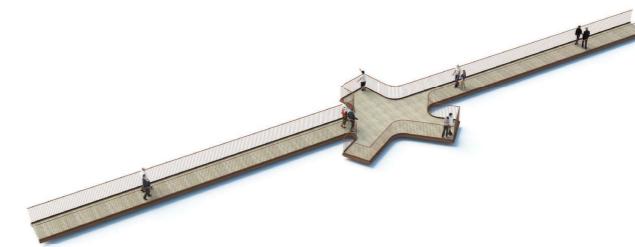
Flat loop

Walk around a tree crown, enjoy the view or study the trees up close.



Amphi

A stepped seating pocket to take a rest, look and learn about the forest.



Crossed viewpoint

A last stop with different viewpoints before starting the final climb to the observation tower.













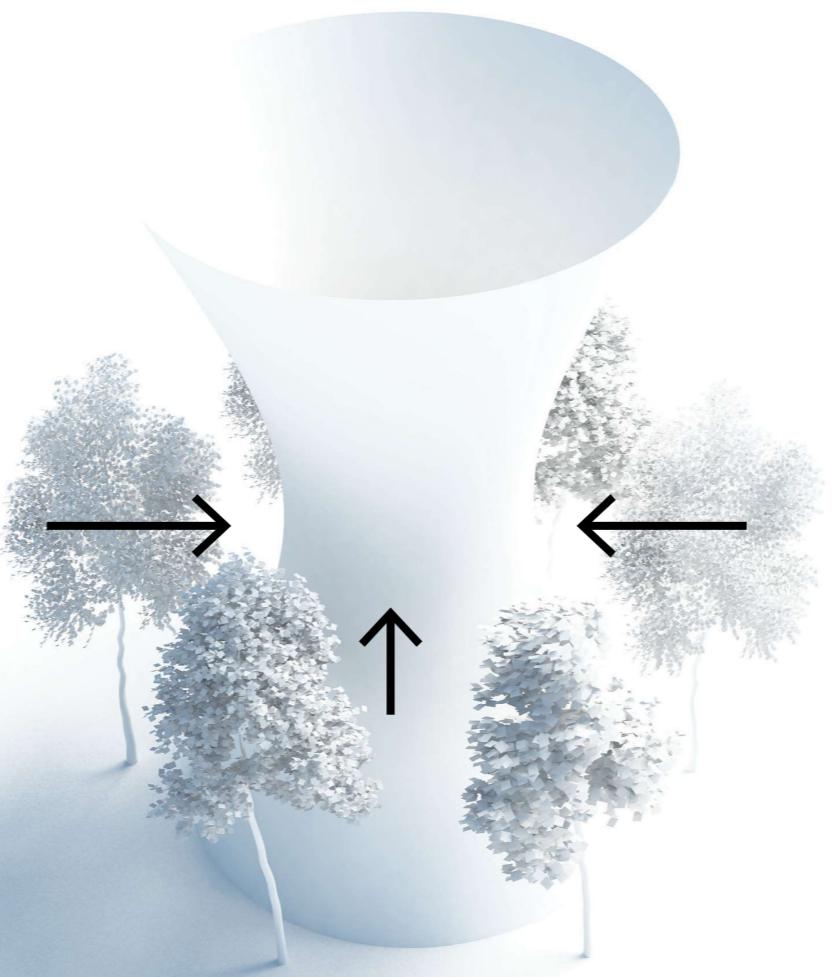
Cylinder

The starting point is to build an observation viewpoint platform at 45 meter high with an accessible ramp.
The cylinder is the most logical shape for modelling such a ramp



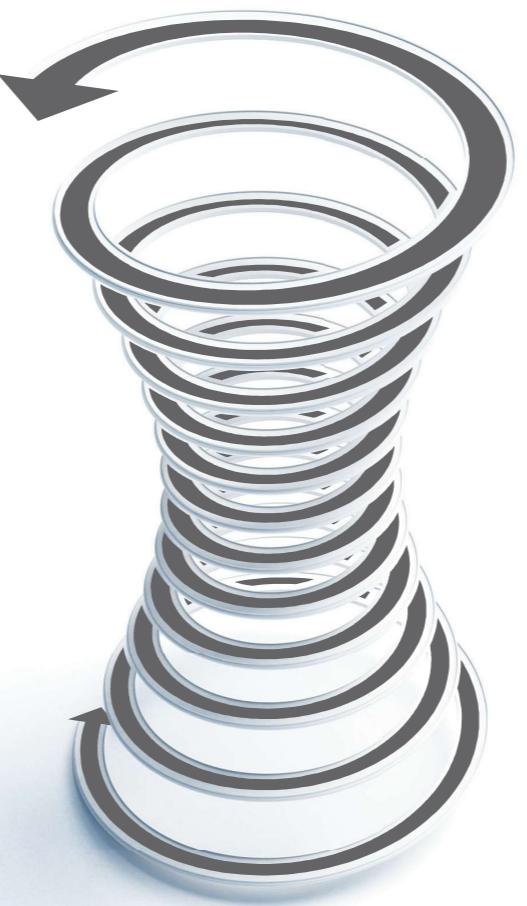
Maximizing Bases

Maximizing the diameter of the base and the top
to get a bigger top platform to enjoy the views
and a bigger base for a better stability



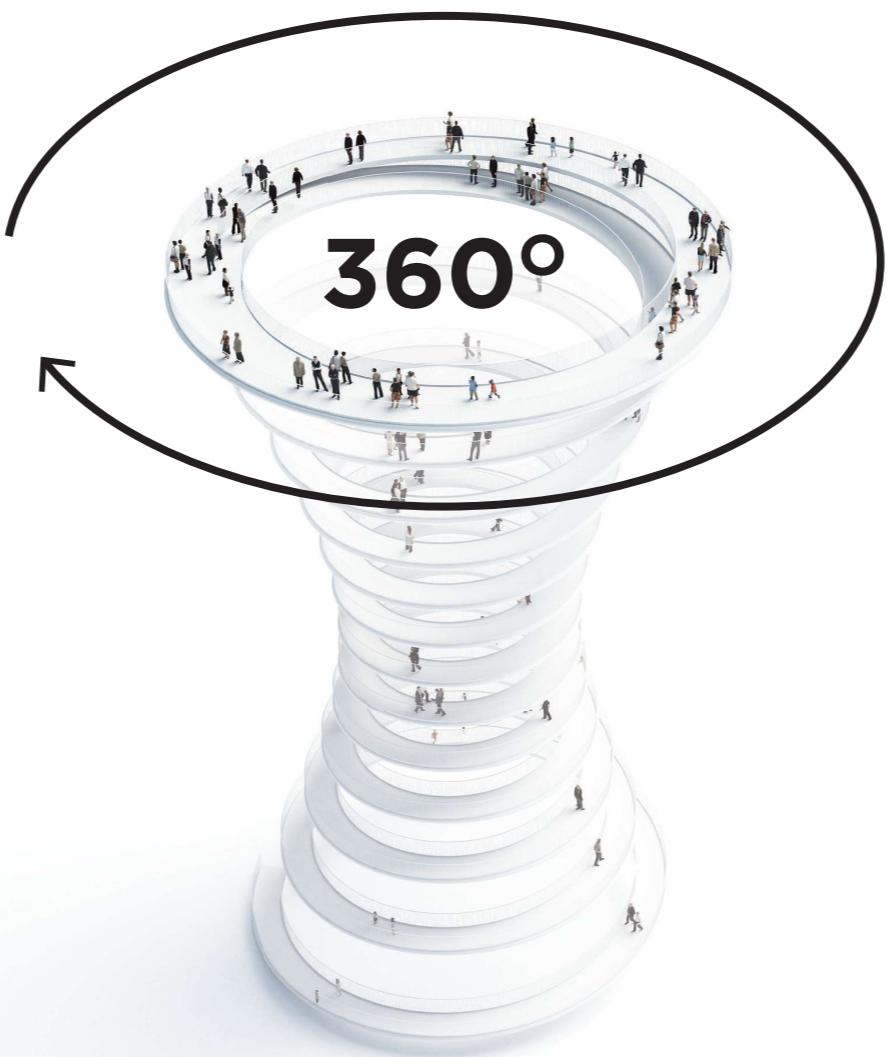
Adapting to the trees

The hyperbolic curvature of the tower gives space
for the trees around it allowing to have
a closer look at the crowns



The Ramp

A ramp with a continuous slope brings accessibility to any visitor



Viewpoint Platform

The viewpoint platform gives a 360° view panorama
of the surroundings

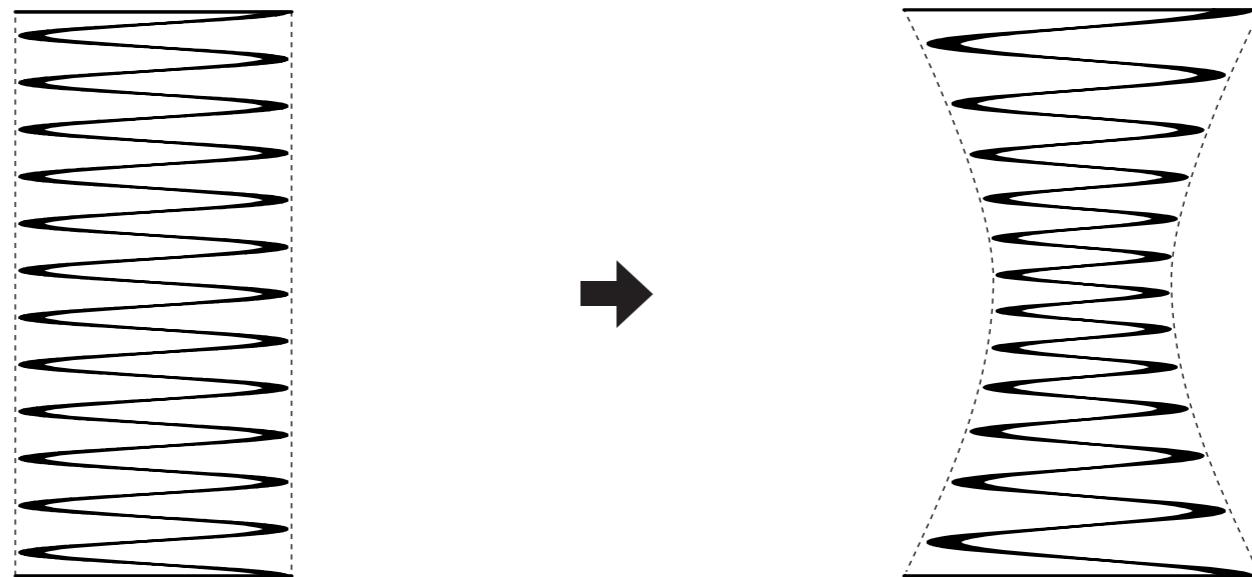


Experience

The tower enhance the experience of the visitor
giving a new perspective to nature in an enjoyable way

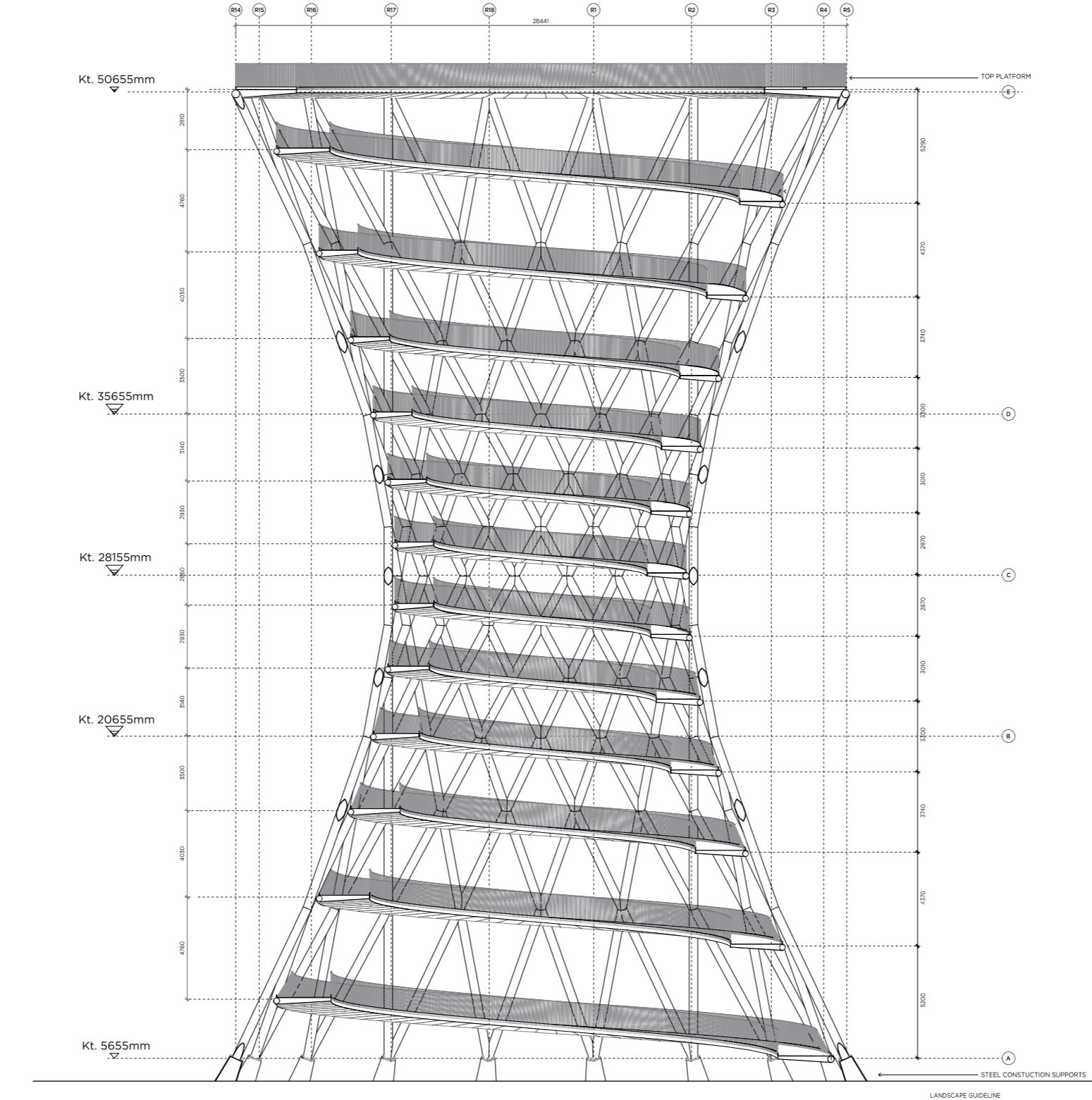




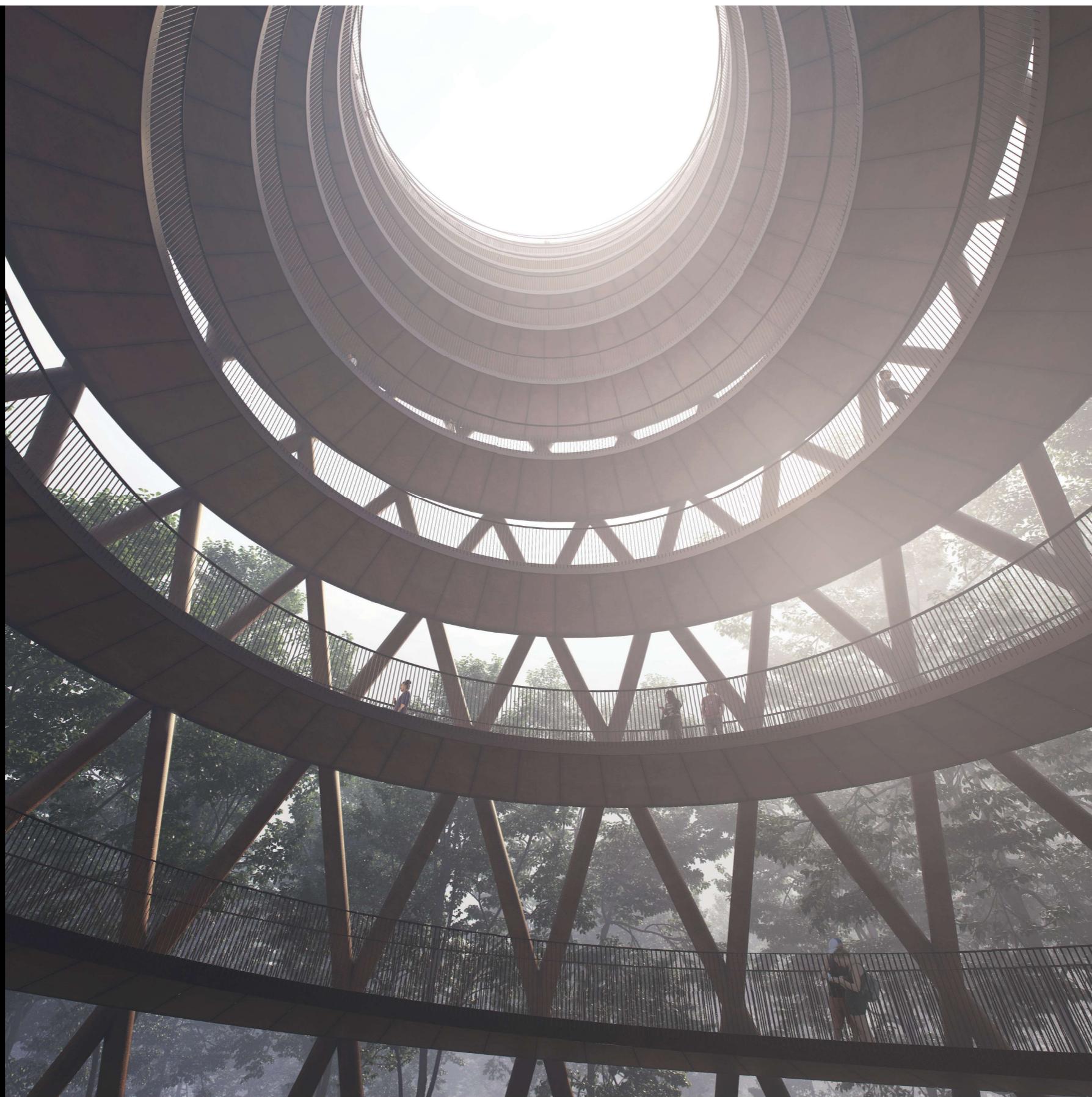


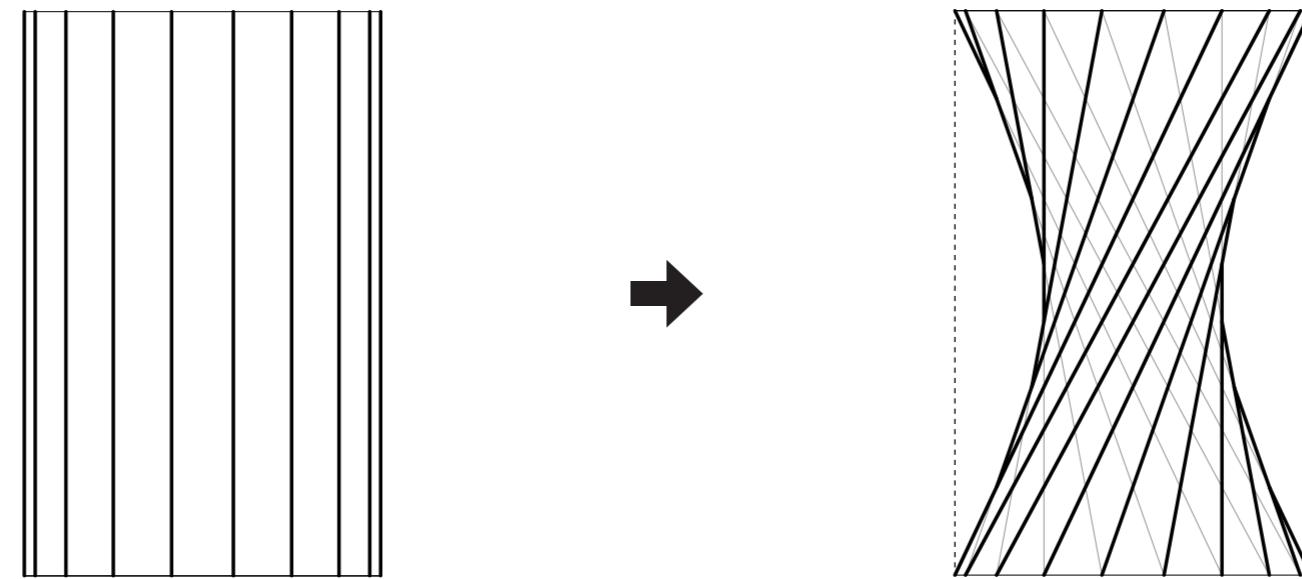
Ramp Experience

The geometry and spacing of the ramp fluctuates according to the changing curvature. The ramp becomes a sculptural element in itself making the journey to the top a unique experience.







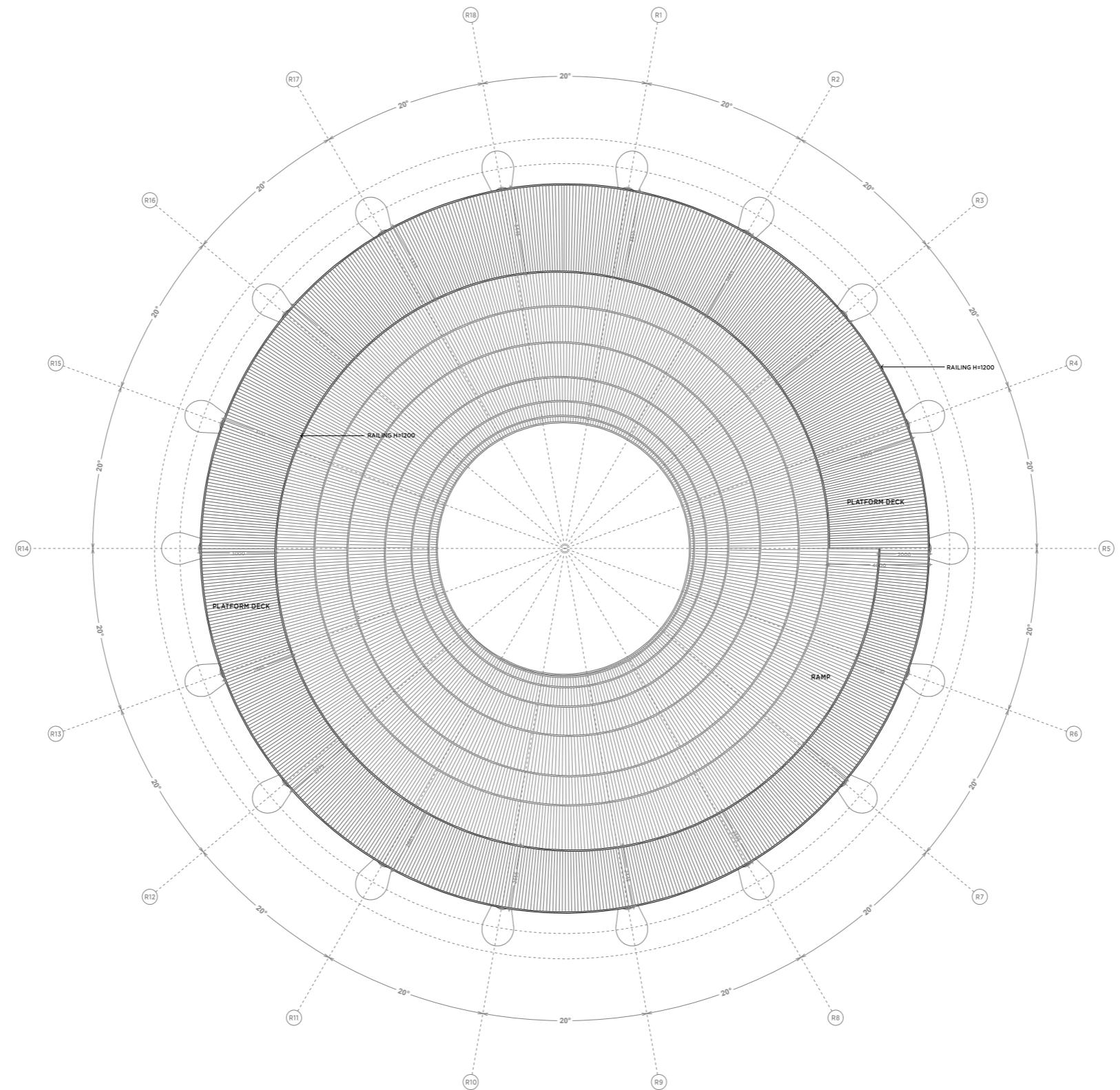


Structure

A rotation of 120° allows the use of straight structural elements resulting in a very stiff, efficient, and visually striking structure.









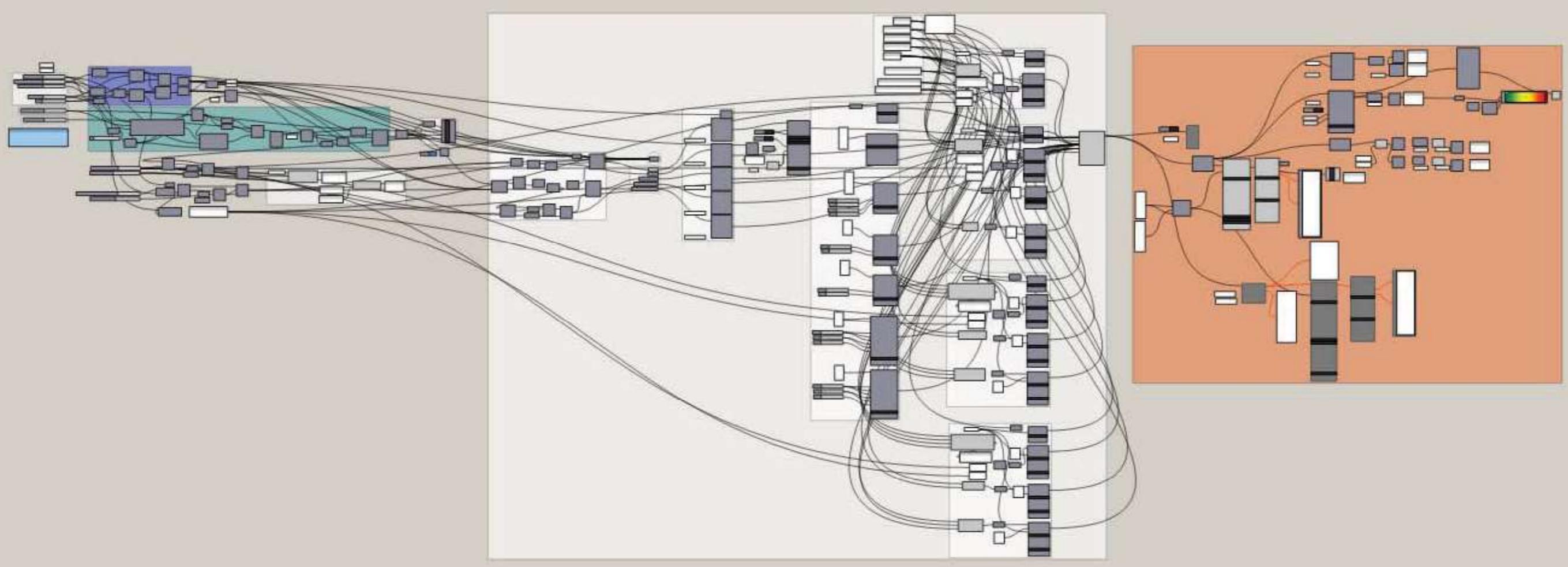


PARAMTRISK DESIGN



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OVERORDNET GEOMETRI

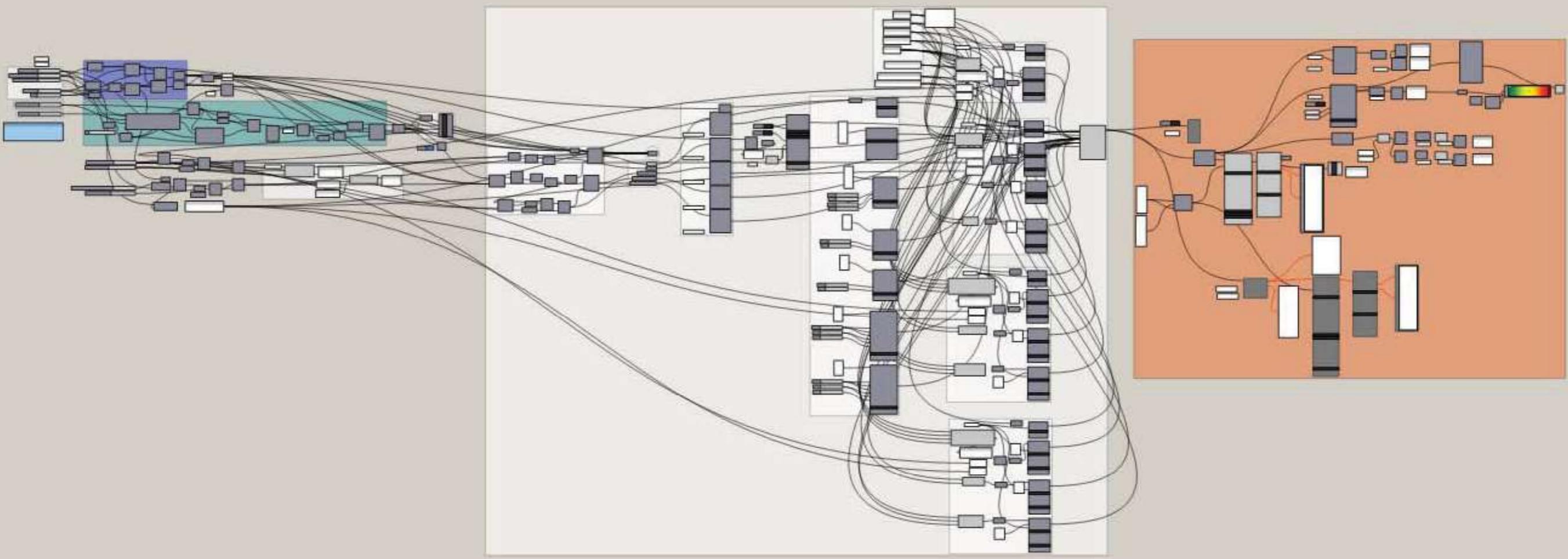
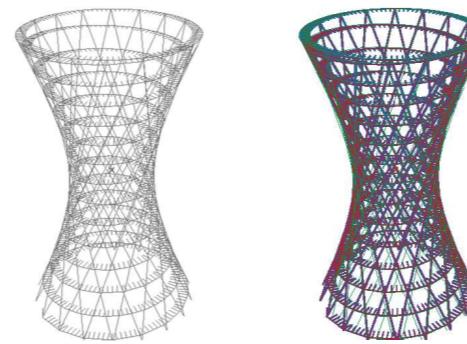


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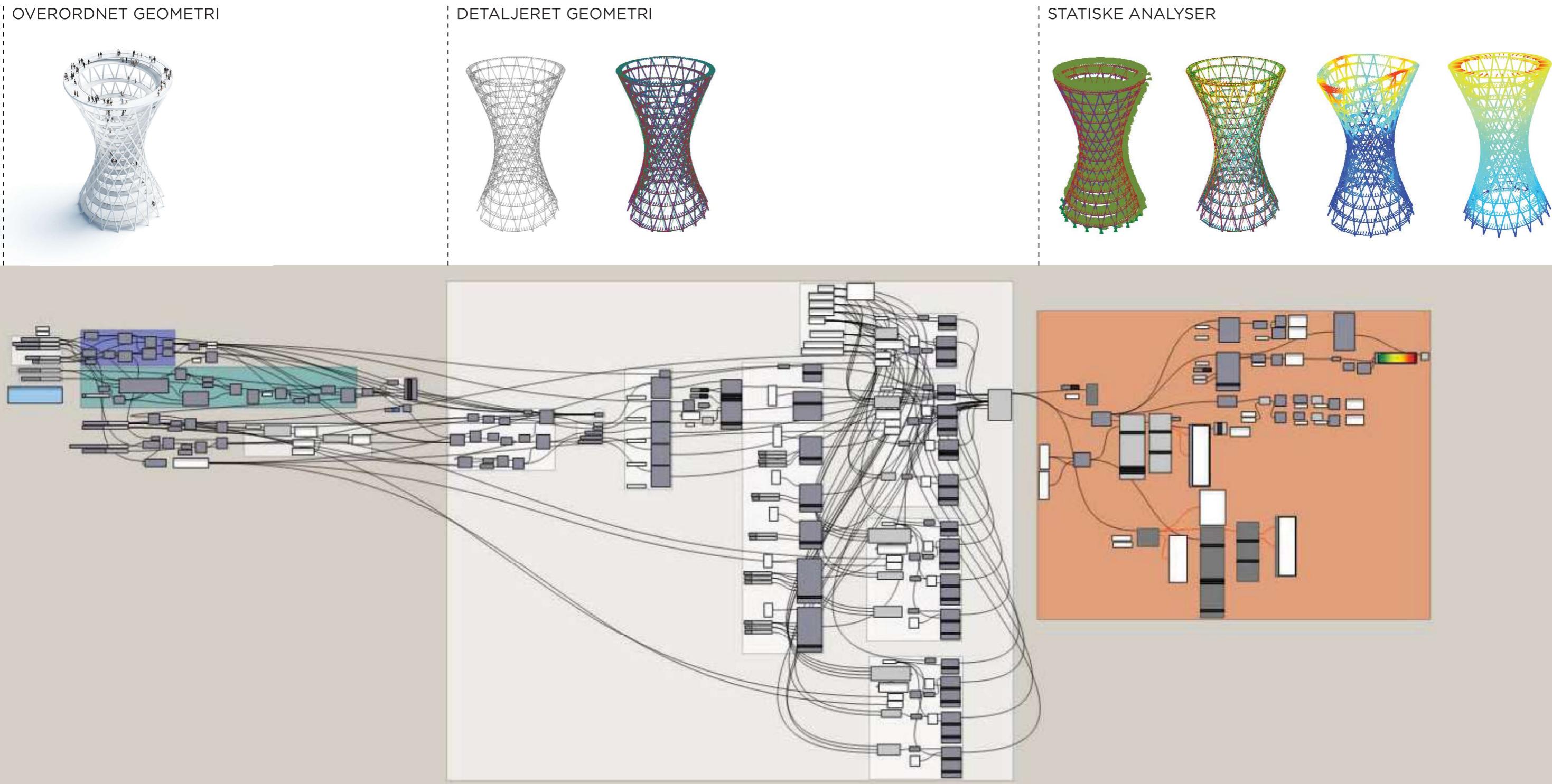
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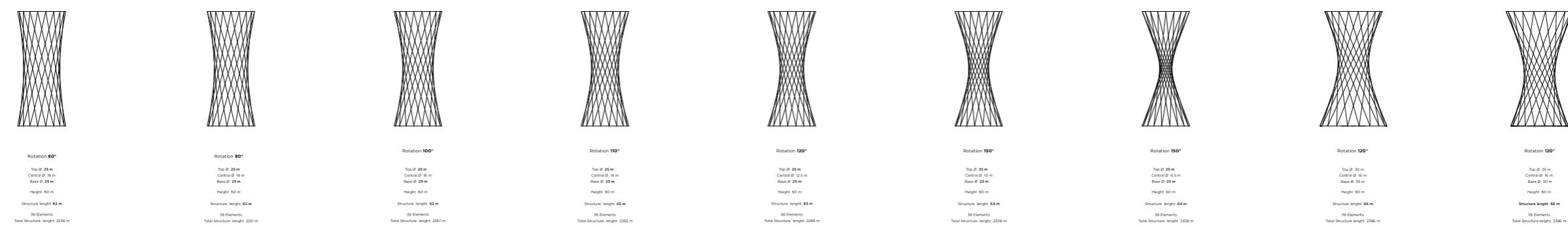
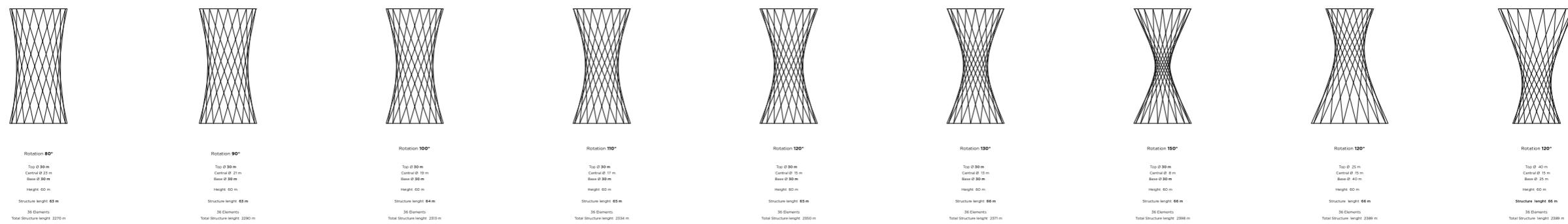
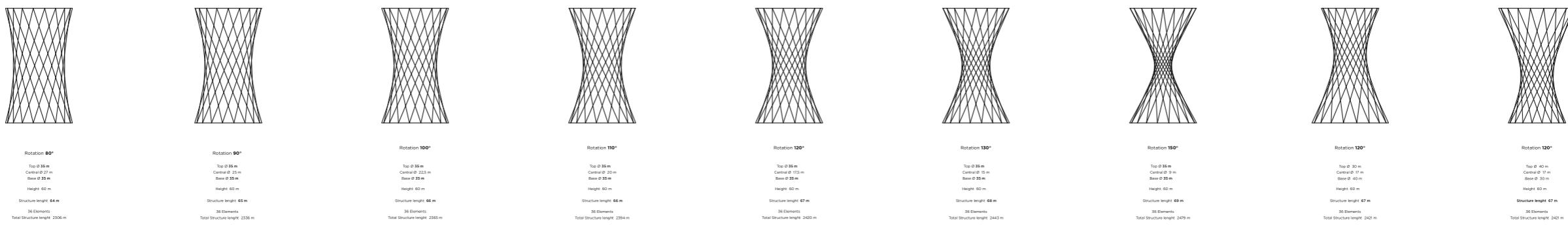
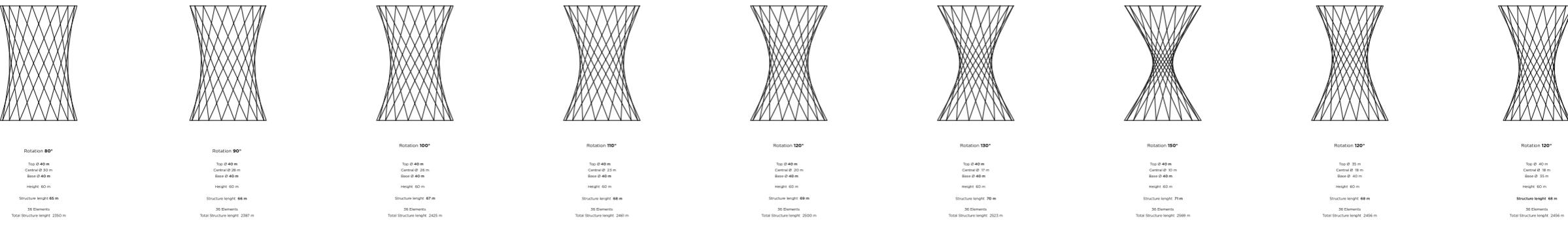


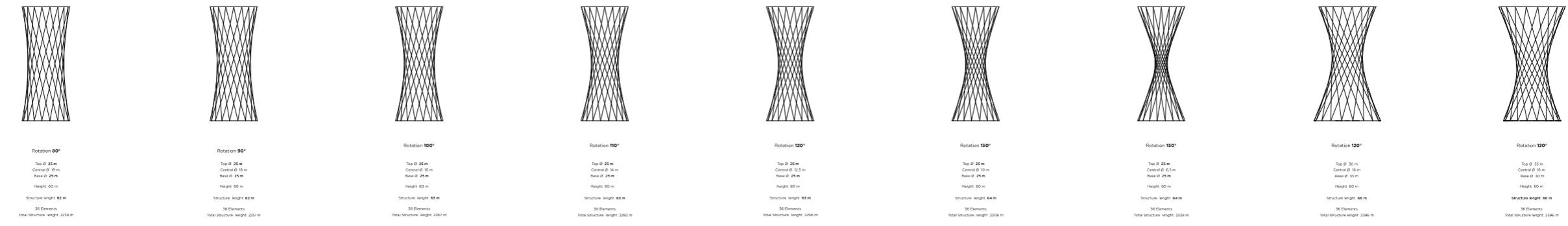
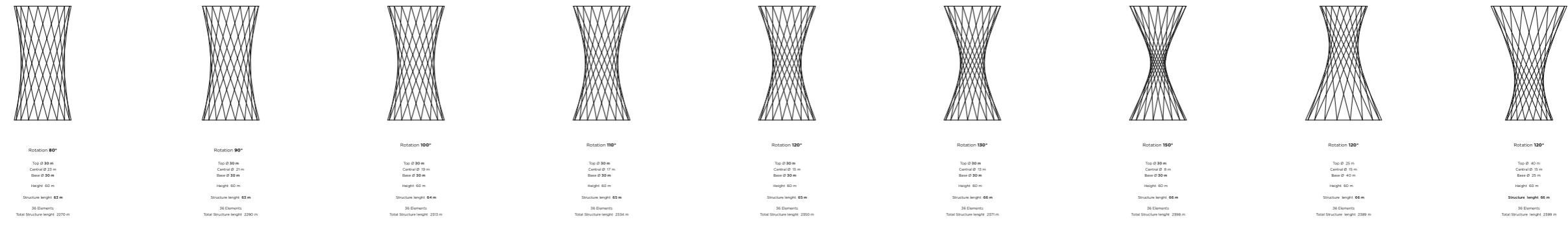
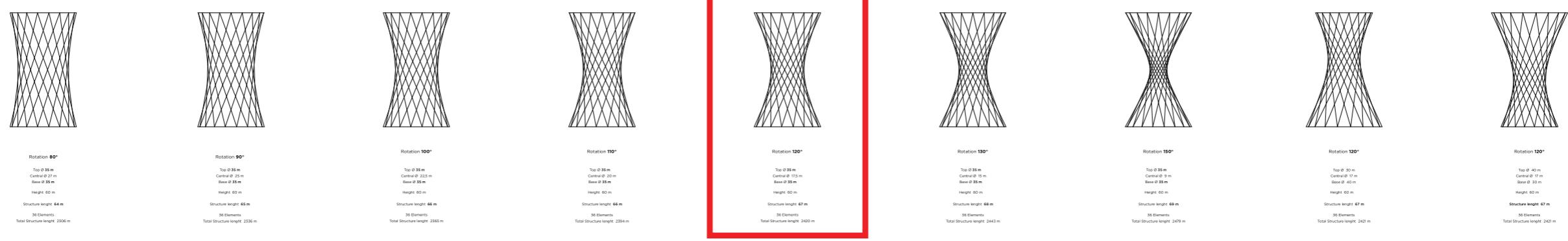
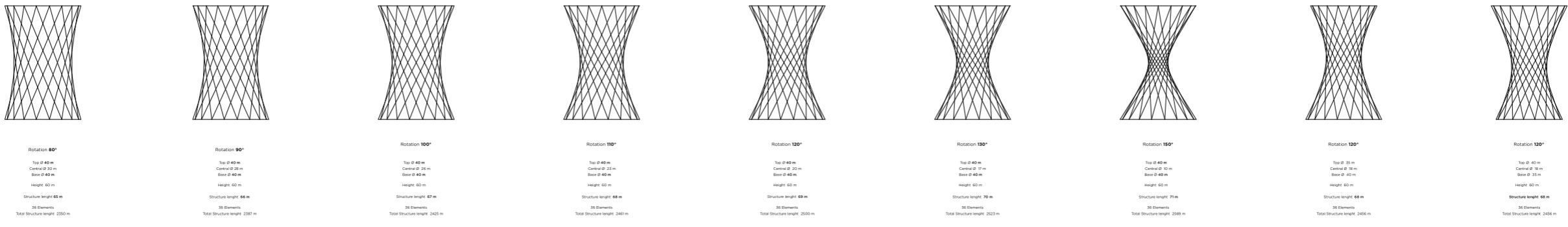
DETALJERET GEOMETRI



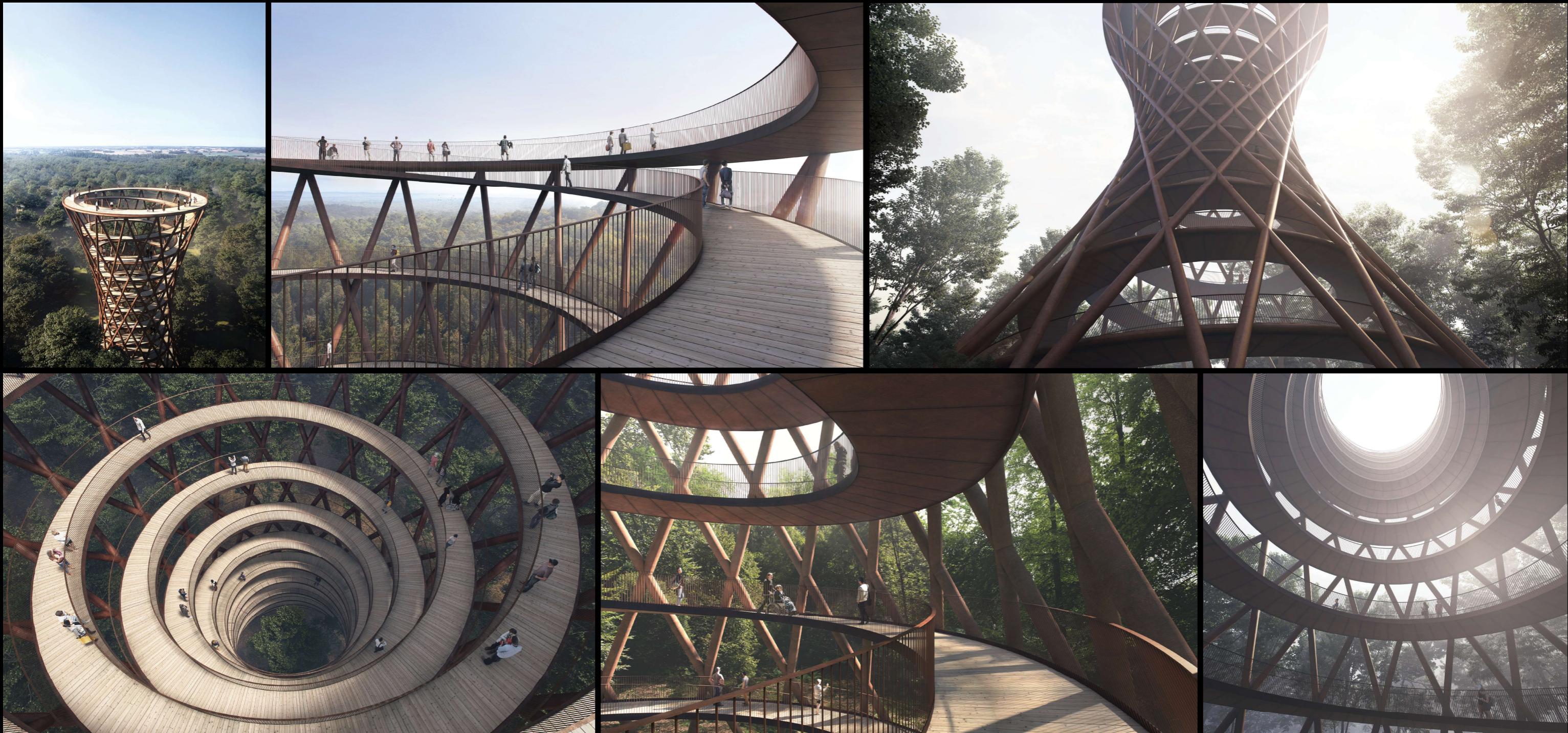
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 LEADER

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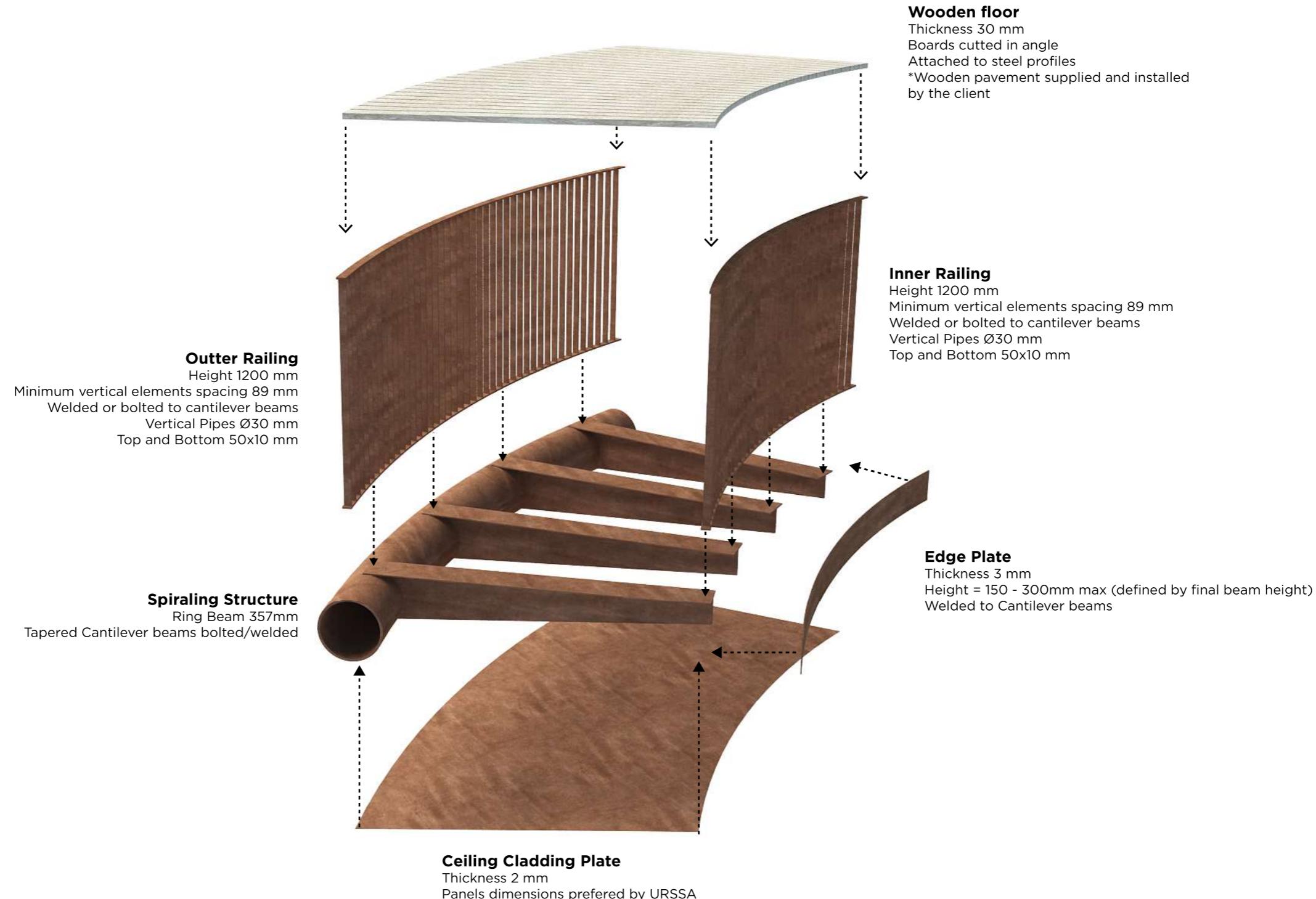


CAMP ADVENTURE

EFFEKT ARUP



RAMP DETAILS



WELDING DETAILS



Diagrid Nodes



Top ring connections

