

Two projects in wood Circular but still for eternity

05.07.2023

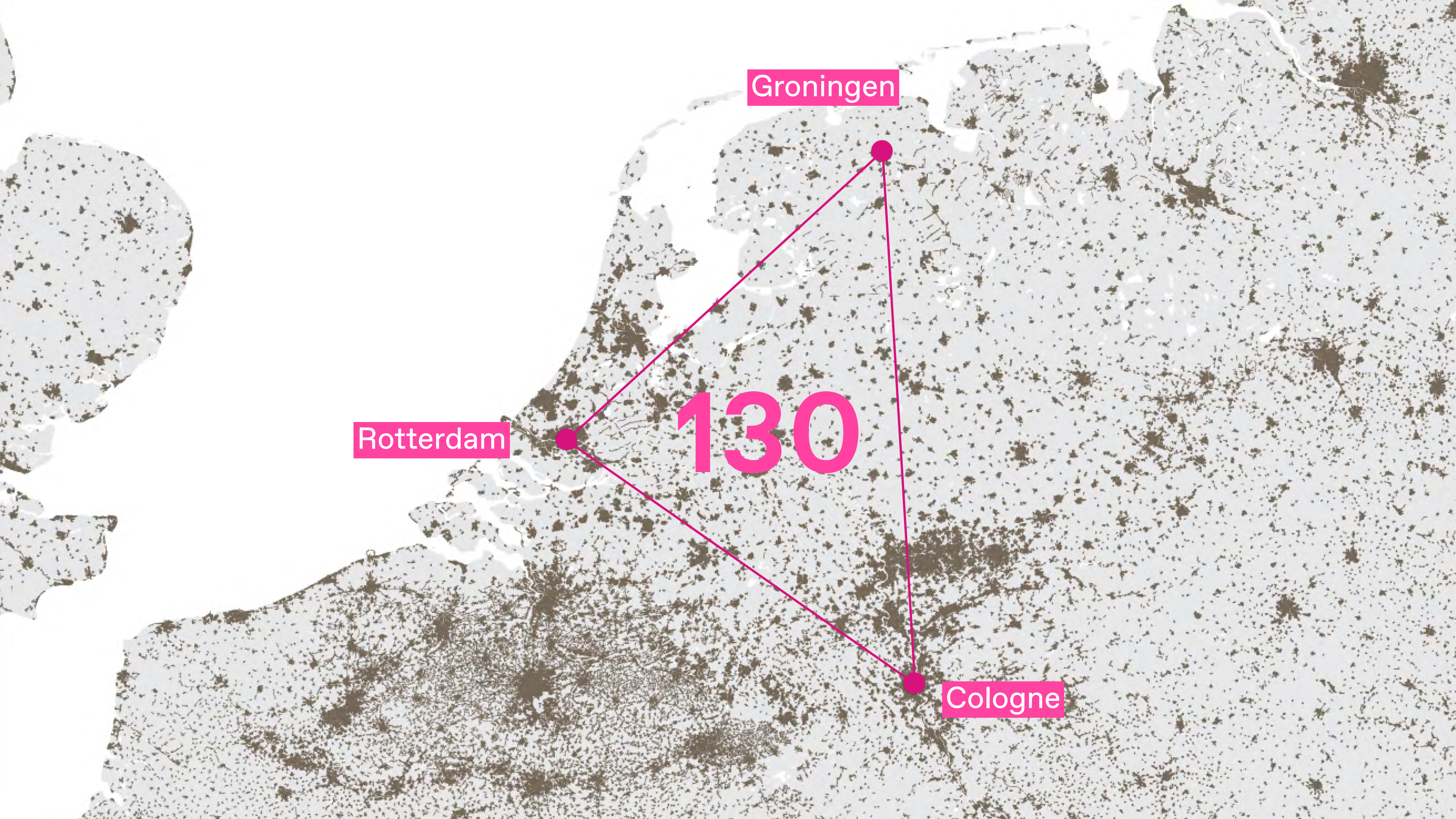




de zwarte hond
architecture urbanism strategy

Team





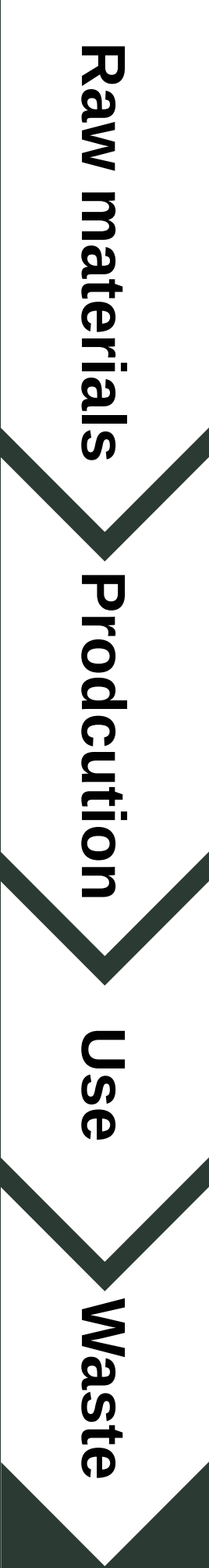
Groningen

Rotterdam

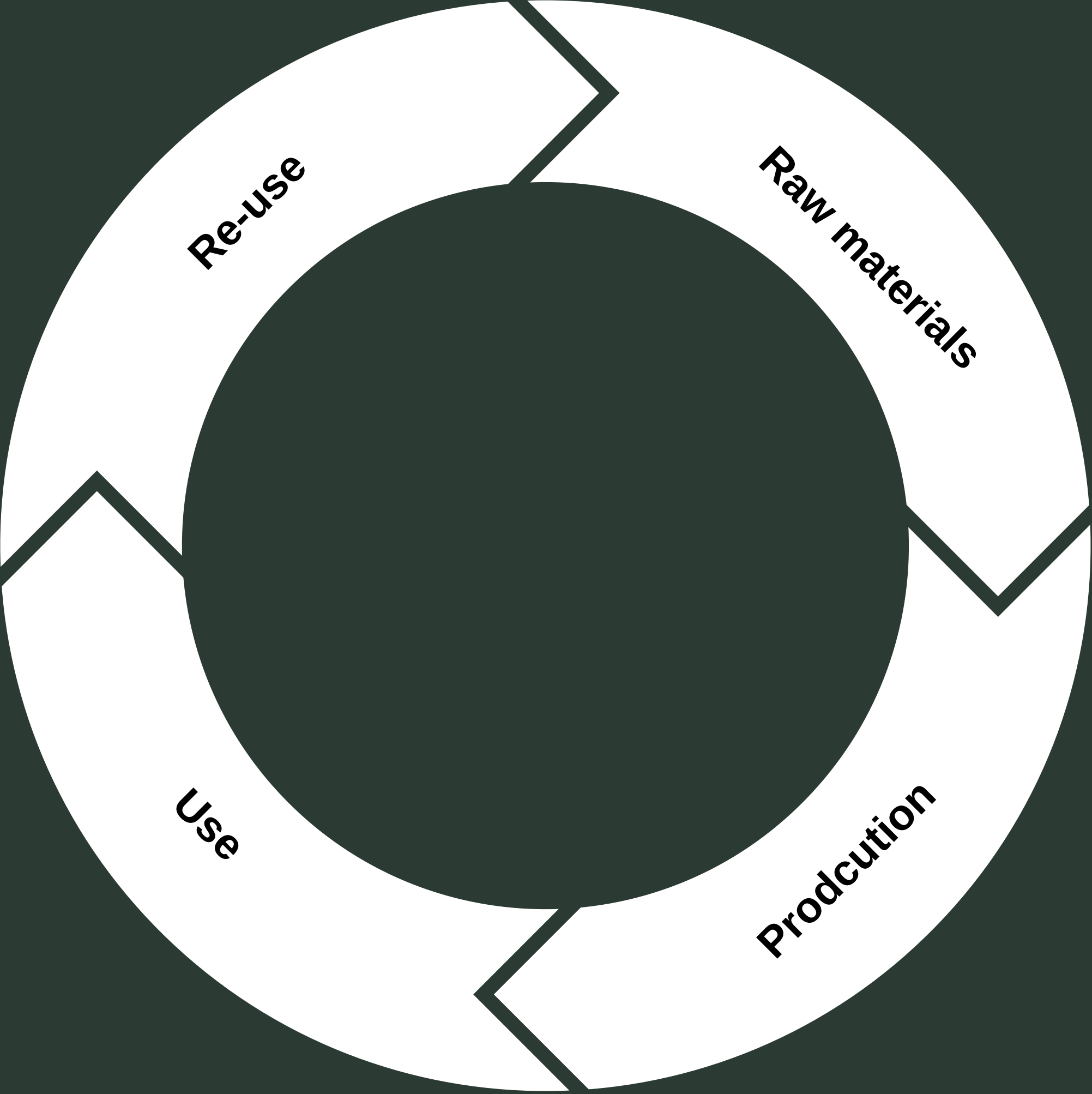
Cologne

130

LINEAIR



CIRCULAIR



Information center Blauwestad
2002

Re-use

**Is Demolition
Necessary?**



V&D Groningen
2015





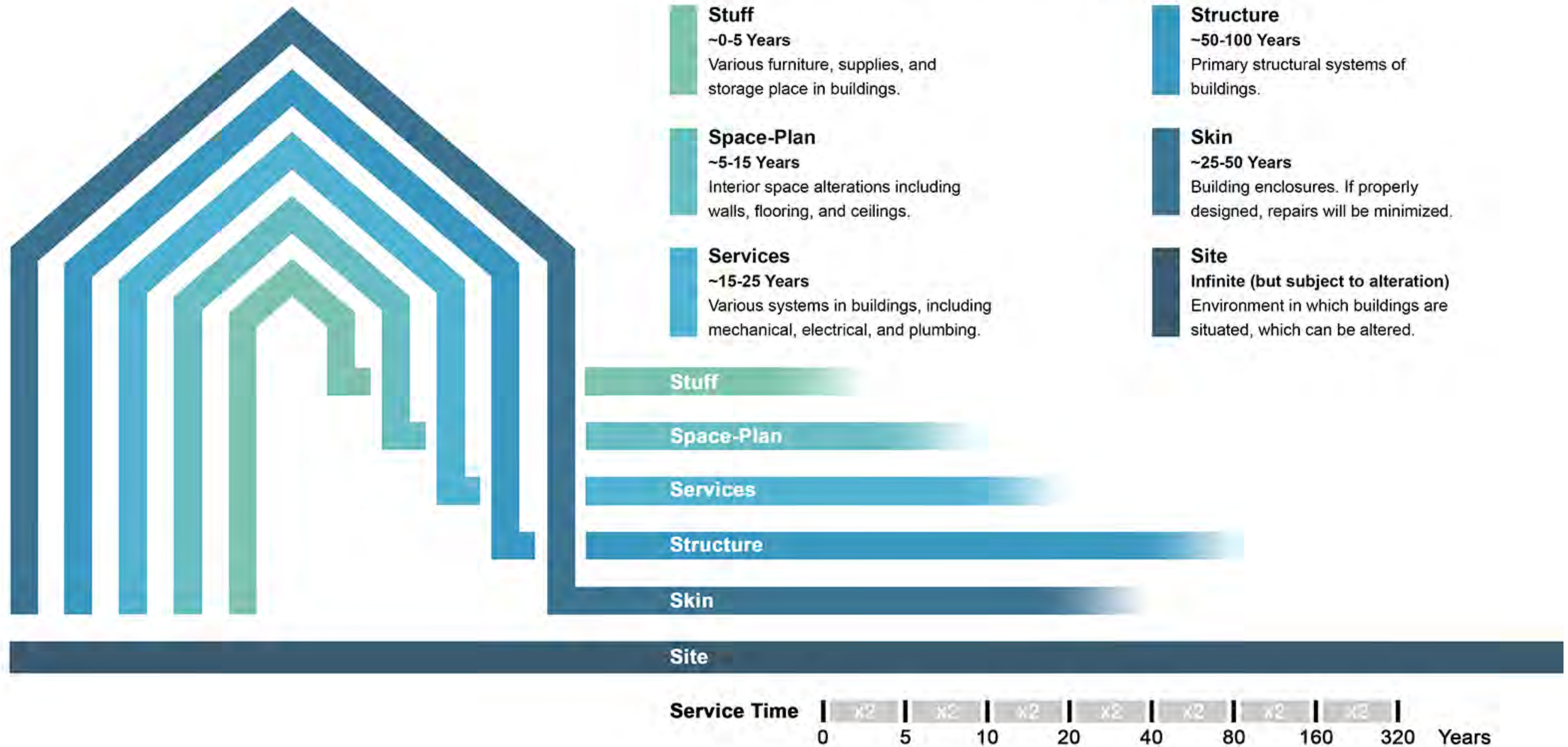


vicemedewerker
t/m 13
→
↑
🚲

Arbeidsruimte (m 13)

Intercom
spreker

A Building's Shearing Layers



Bio-based Brutalism



Aliander Amsterdam

Amsterdam Amstel

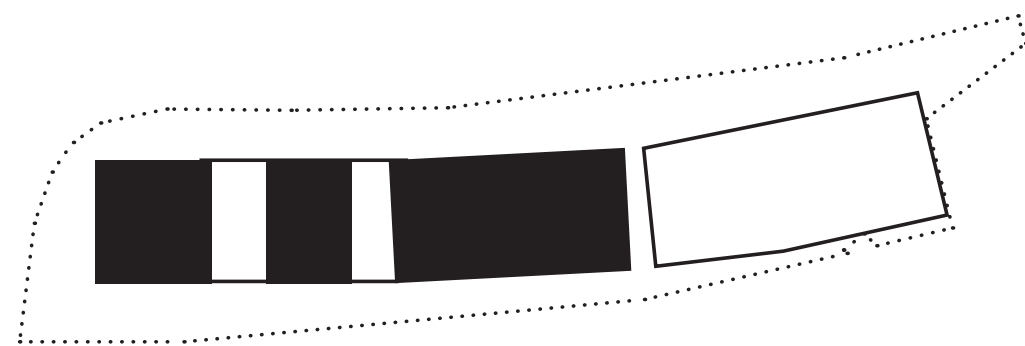


Harbour district Westpoort Amsterdam

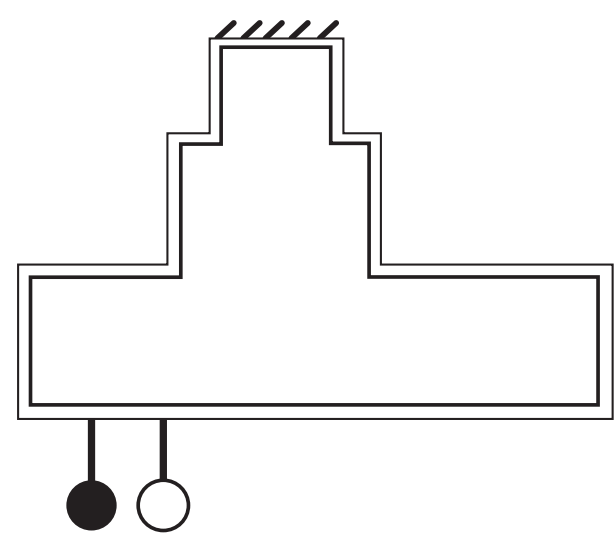




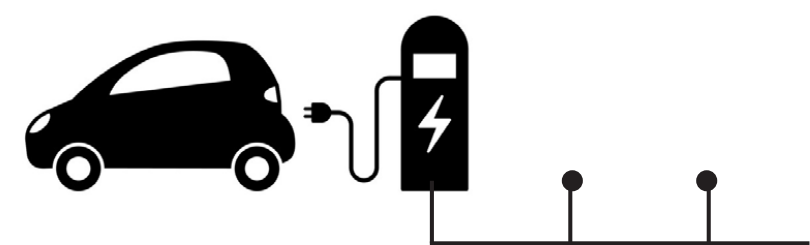
Of course!



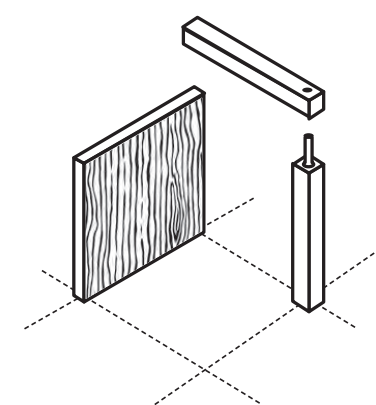
Spacial integration



Sustainable energy



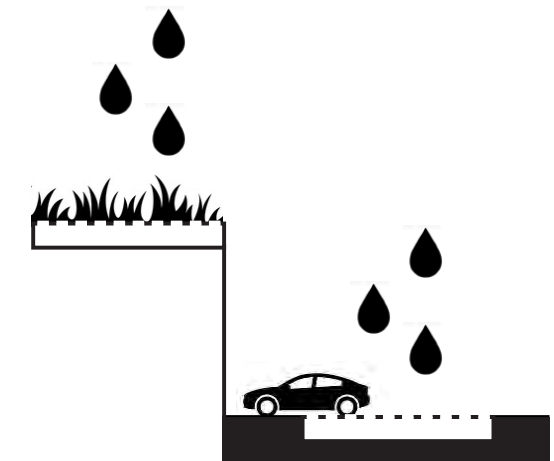
Electric mobility



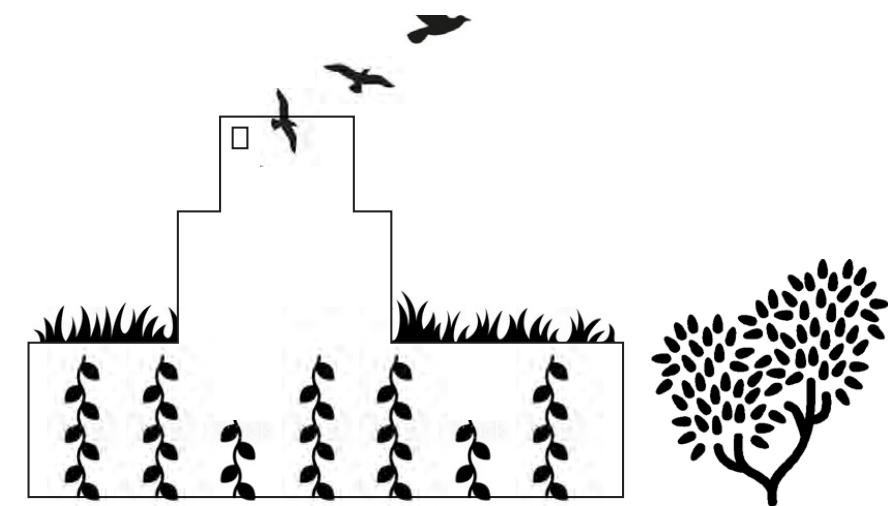
Circular materials



Waste collection



Rainwater collection



Nature inclusive

Flexibility

Adaptability

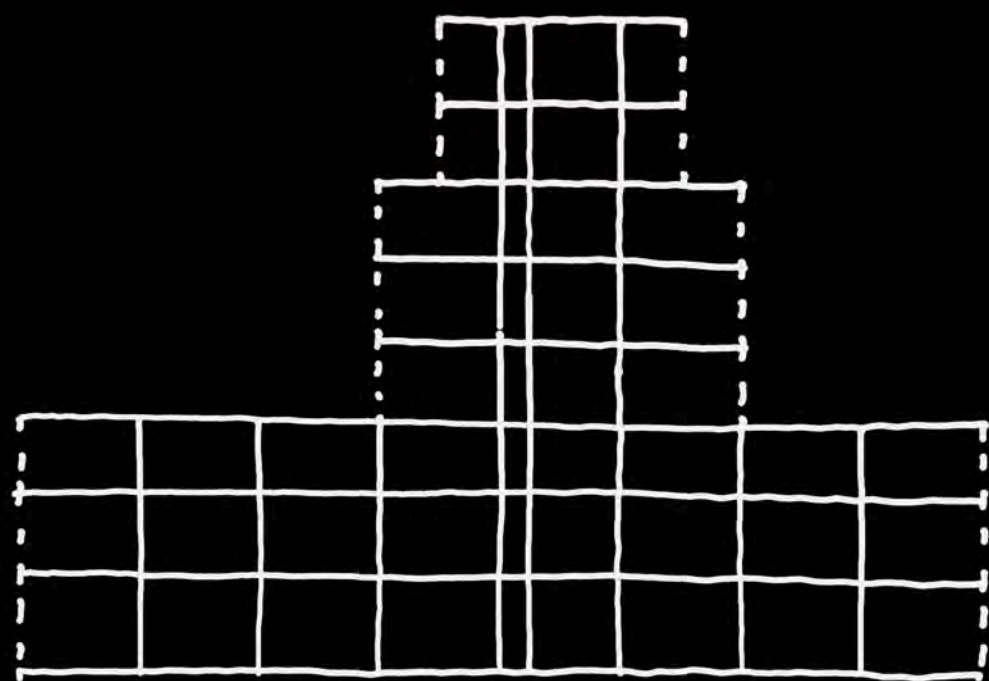
Flexibility on the site



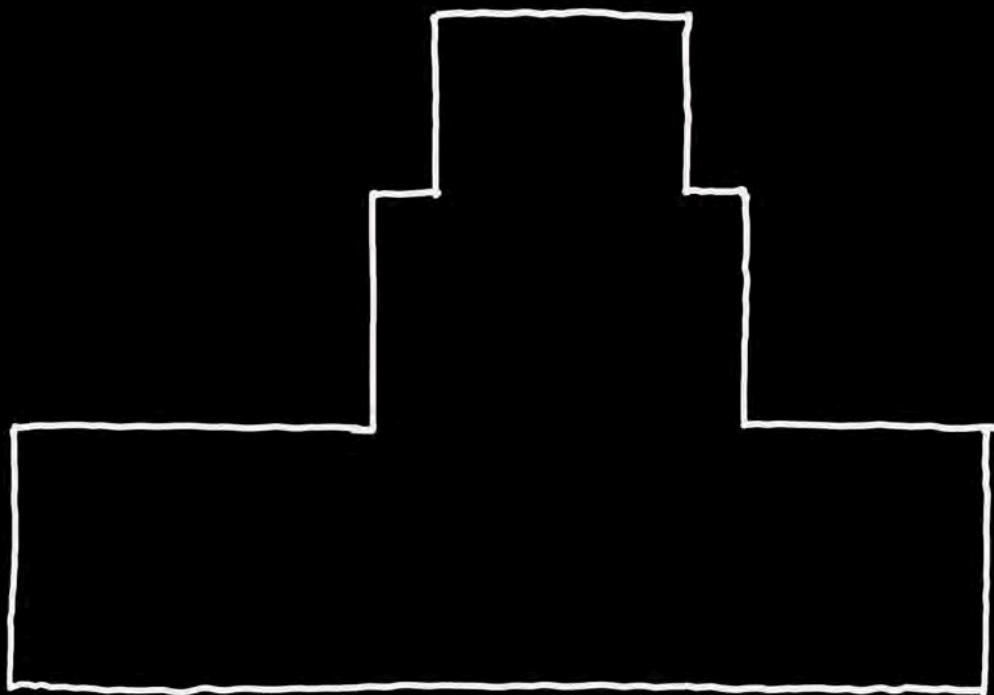


Separate layers

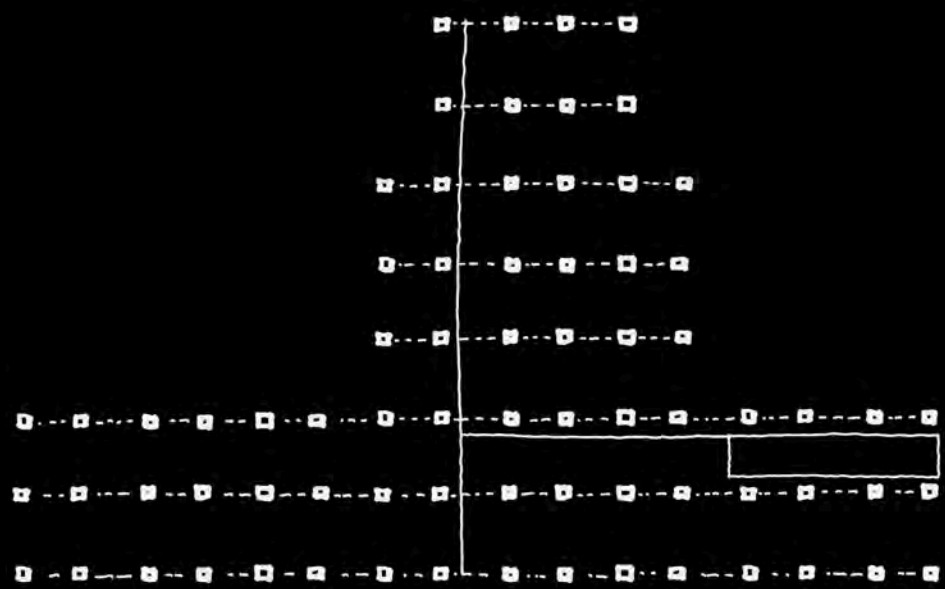
Structure



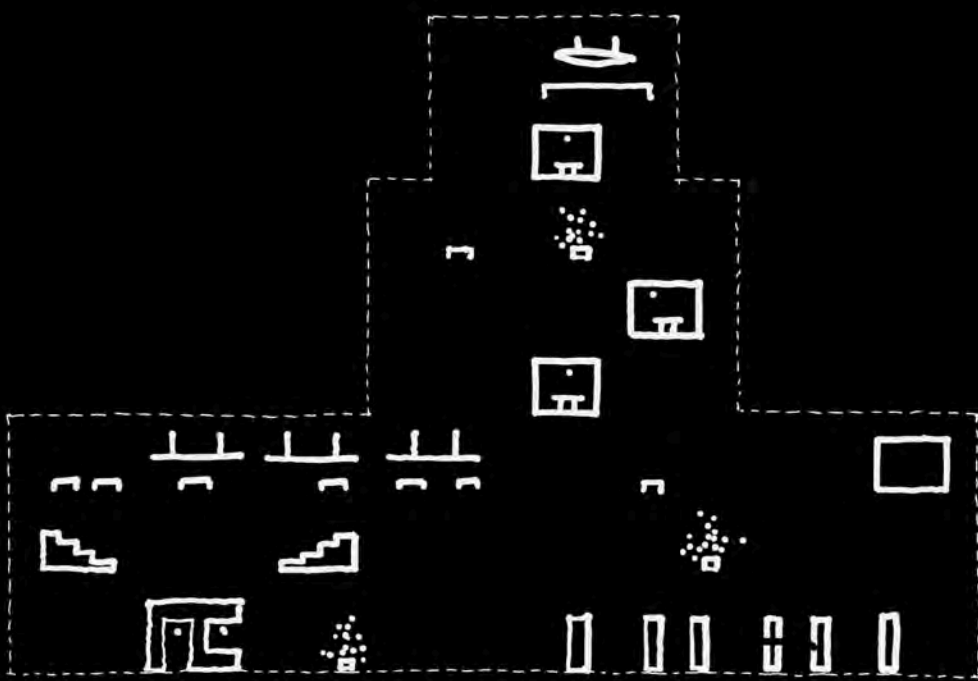
Skin



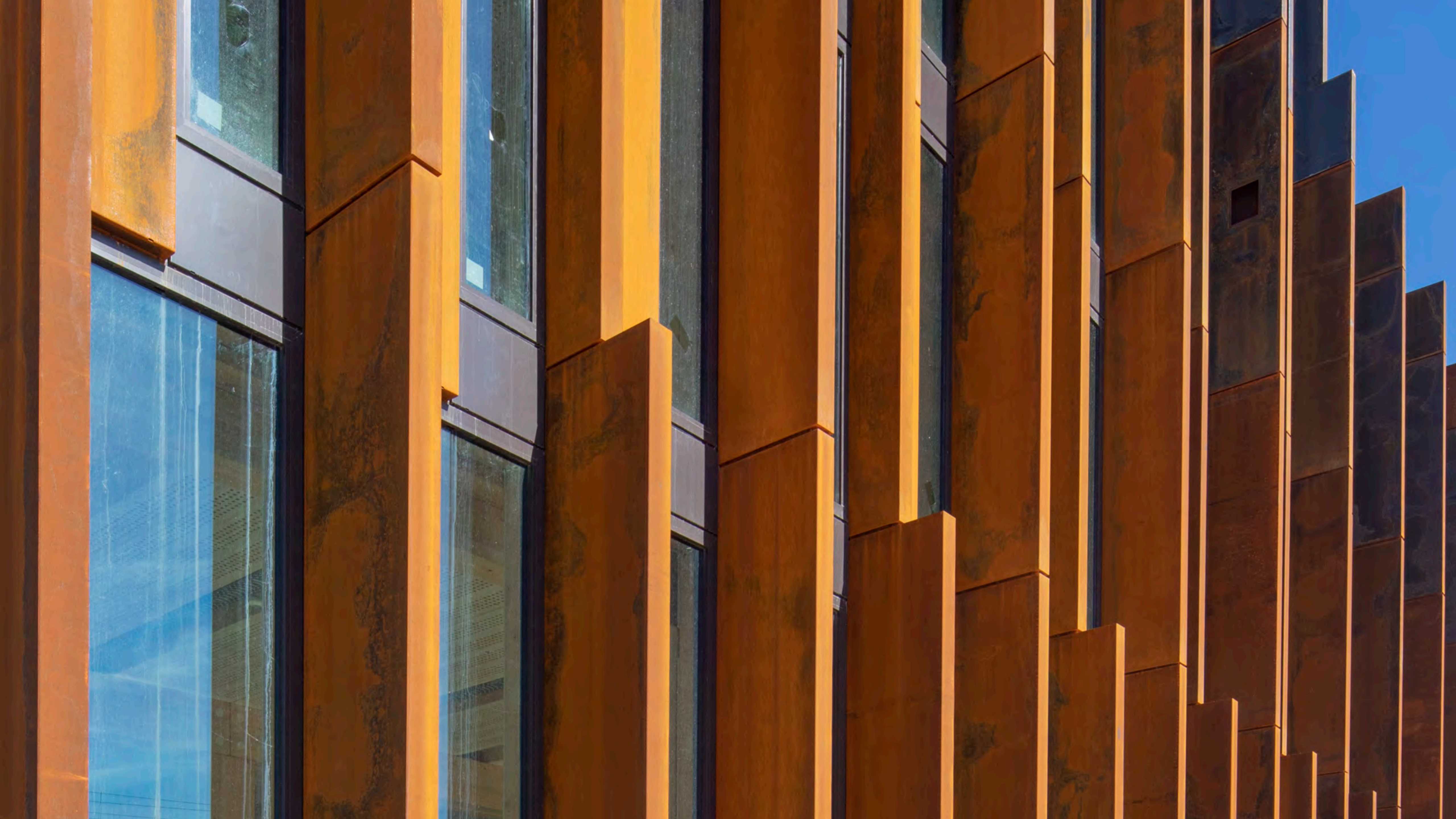
Services



Stuff









Adaptable in time







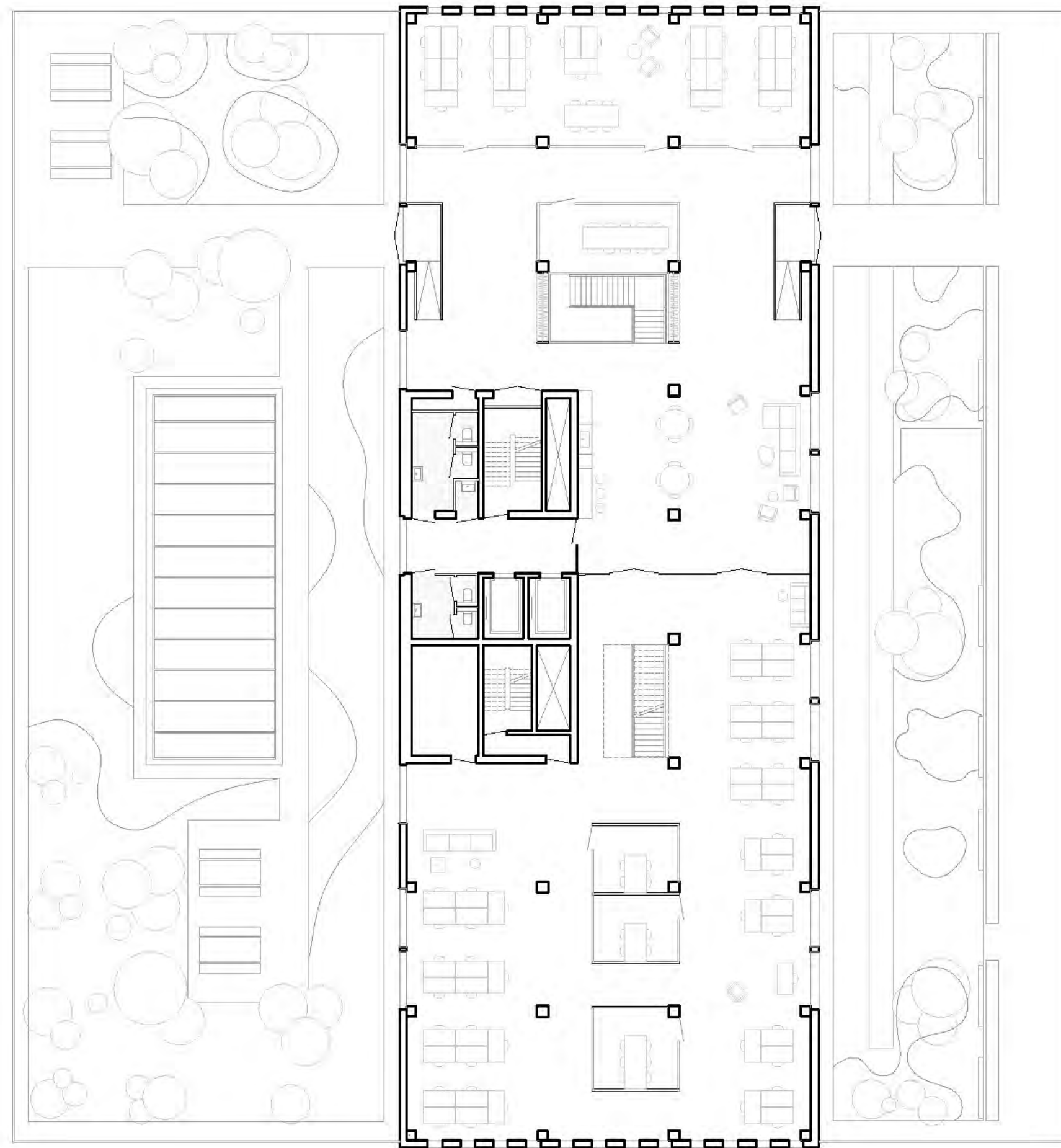




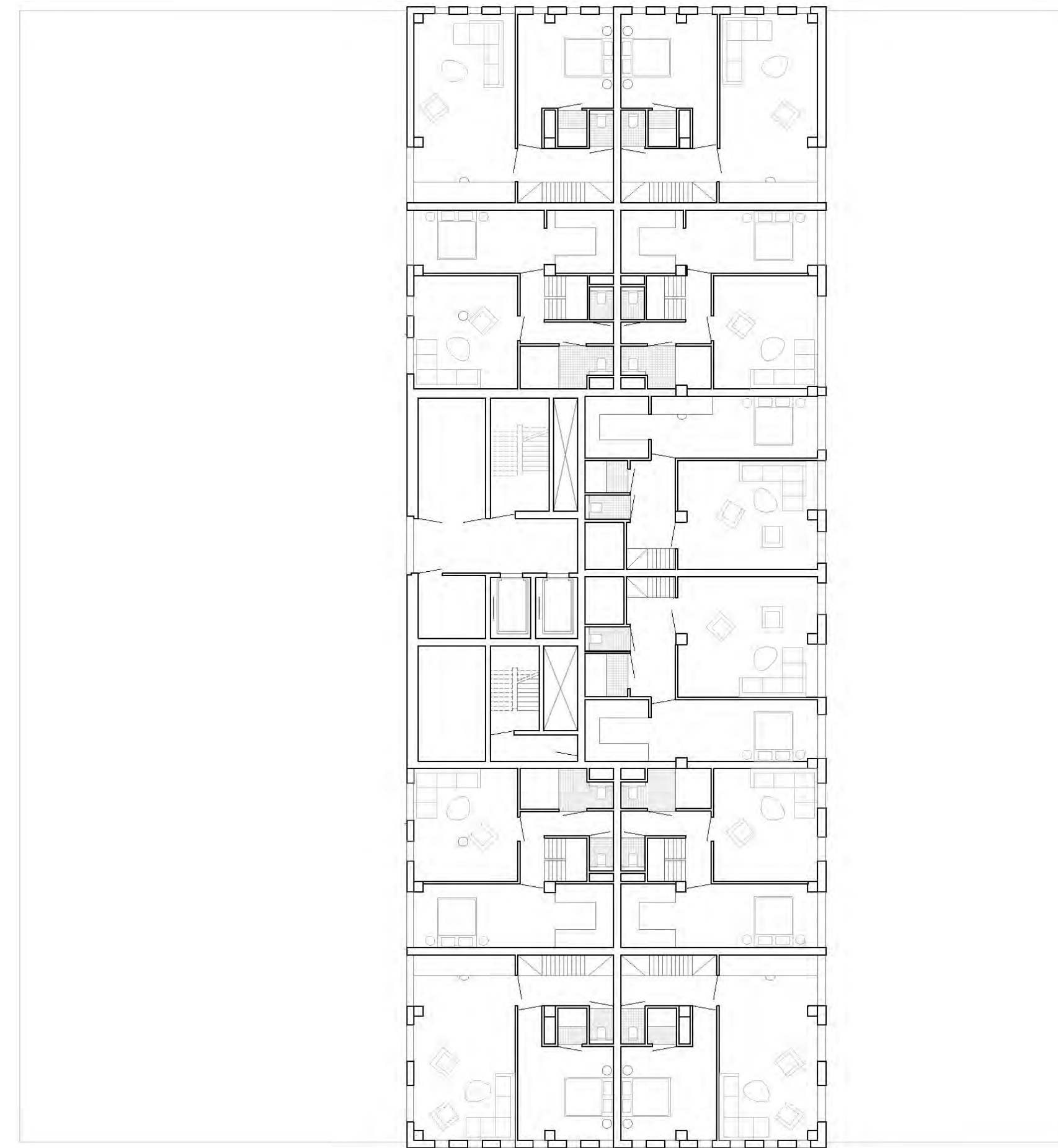




now



future



Superhub
Meerstad



Groningen

Meerstad









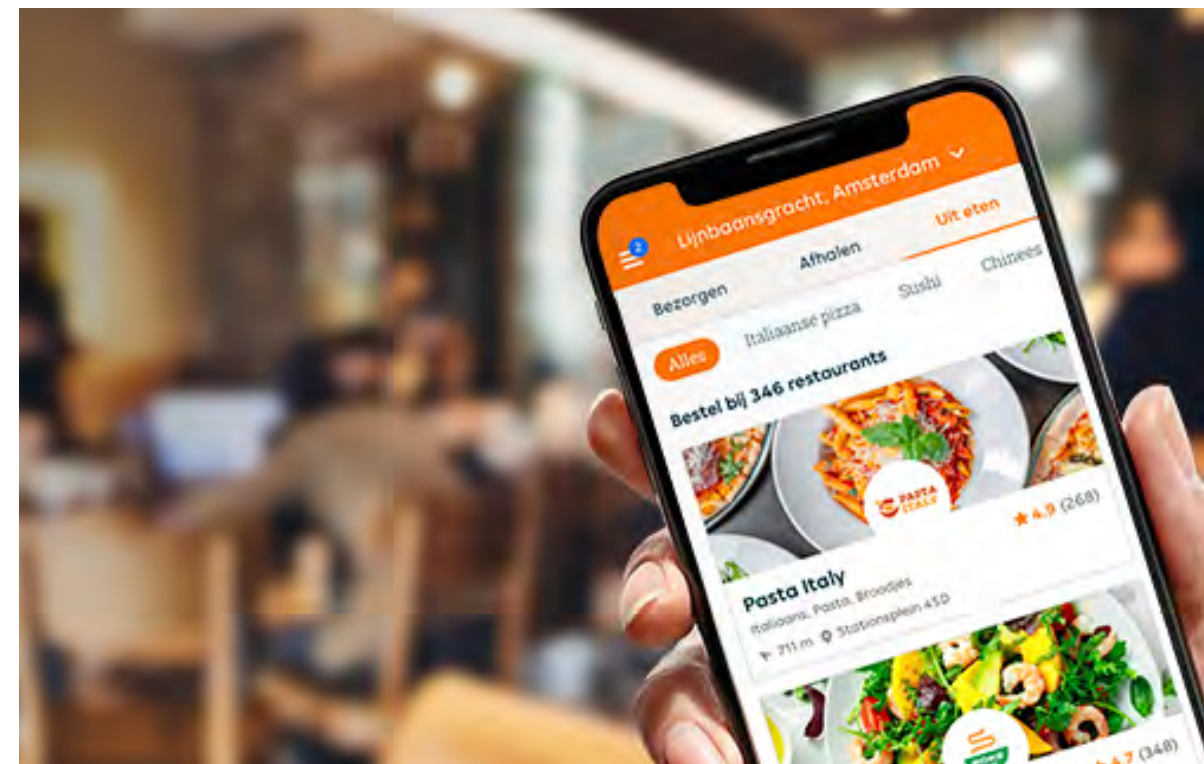


NO!





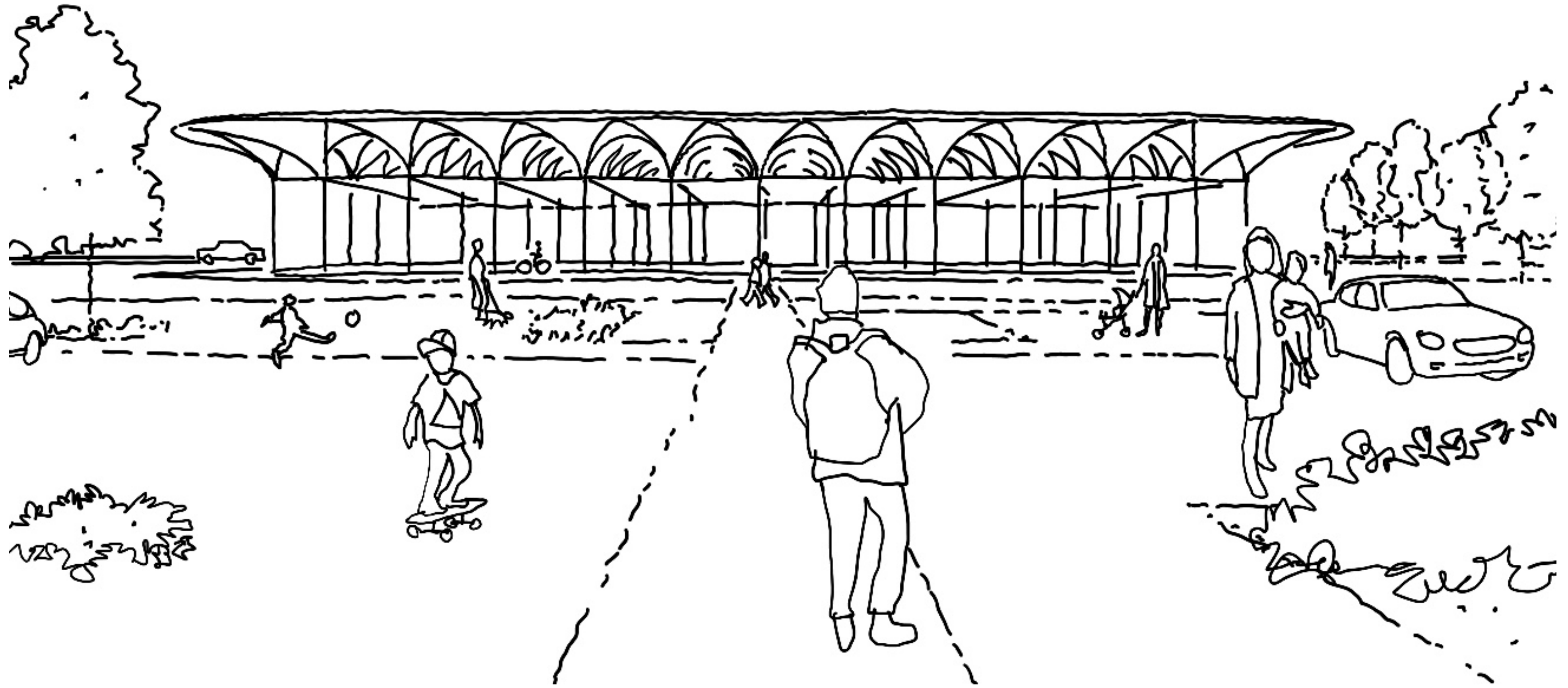
TODAY



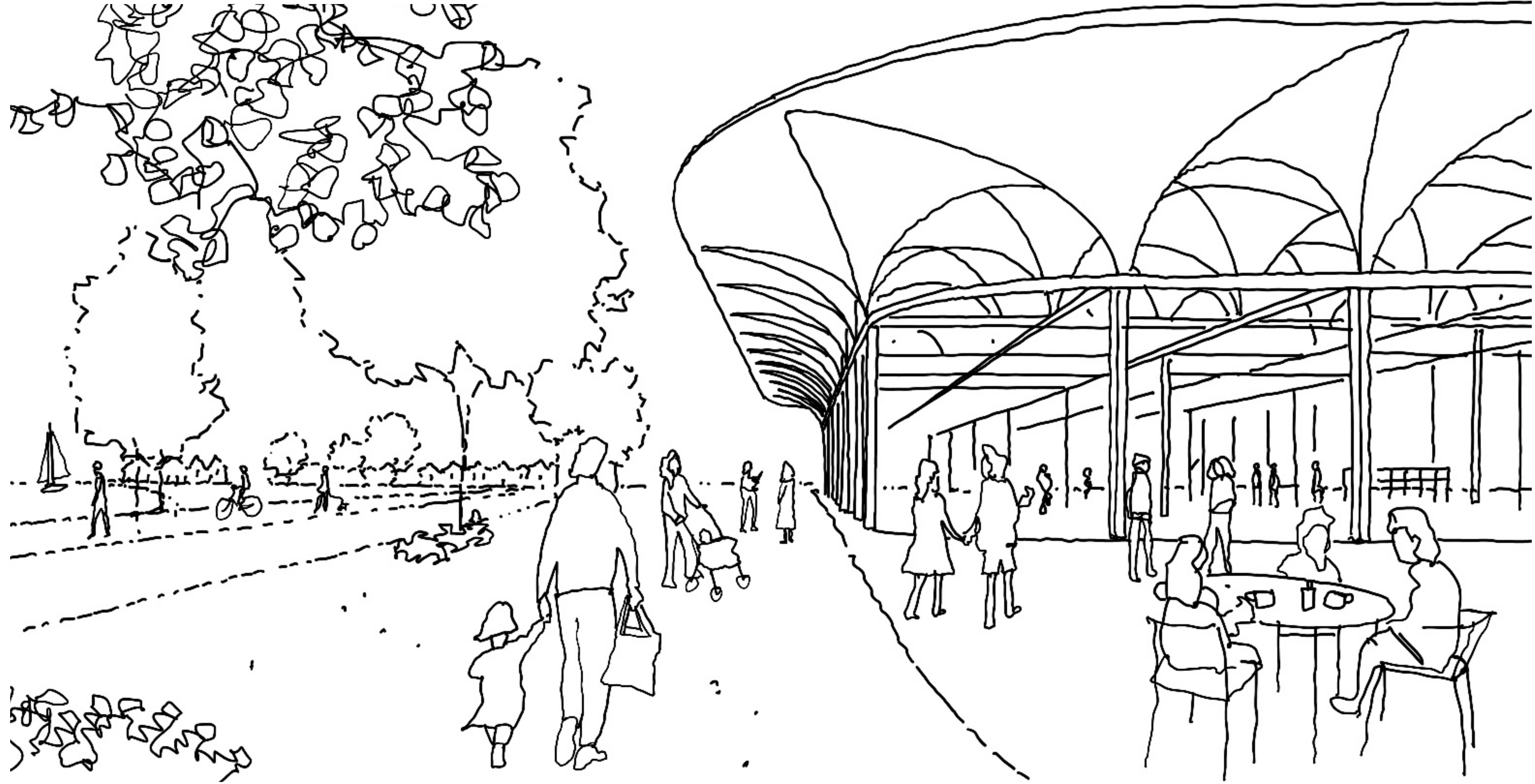
Meeting place



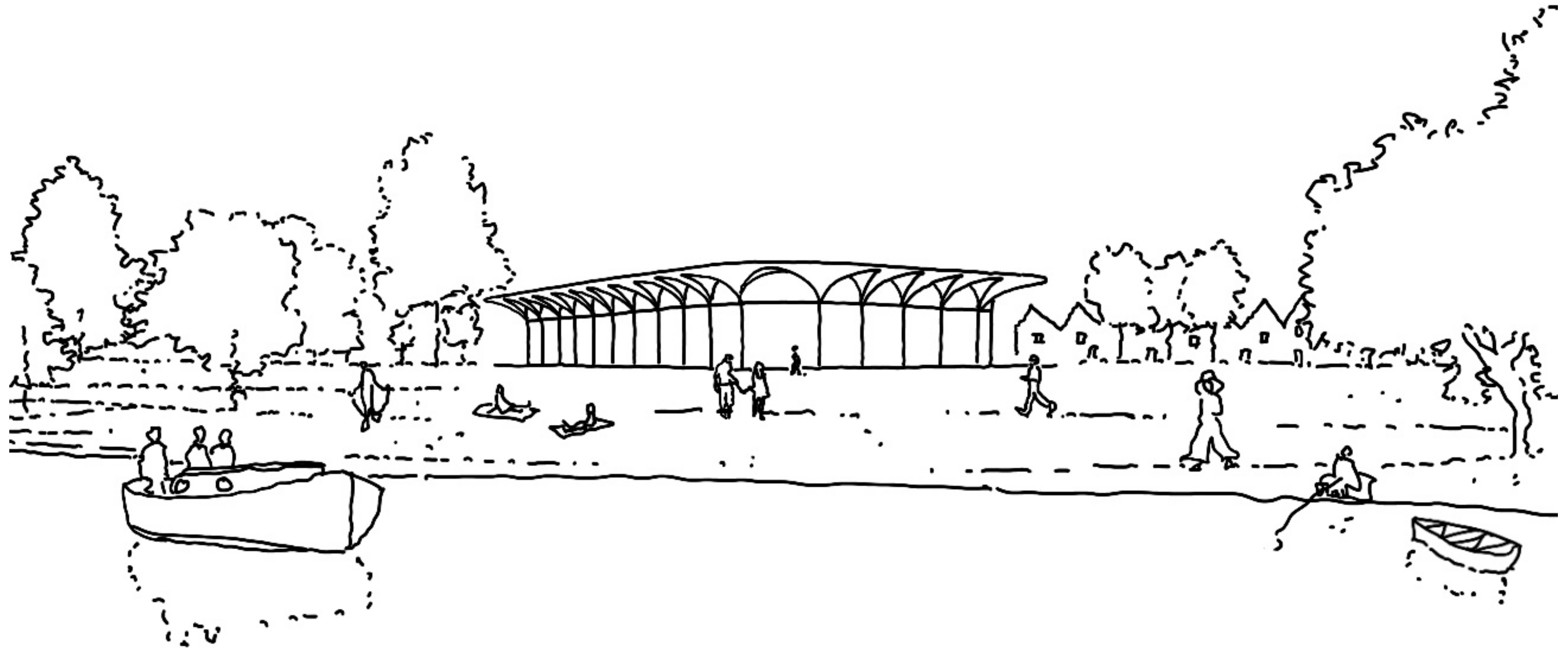
Shop



Have a drink



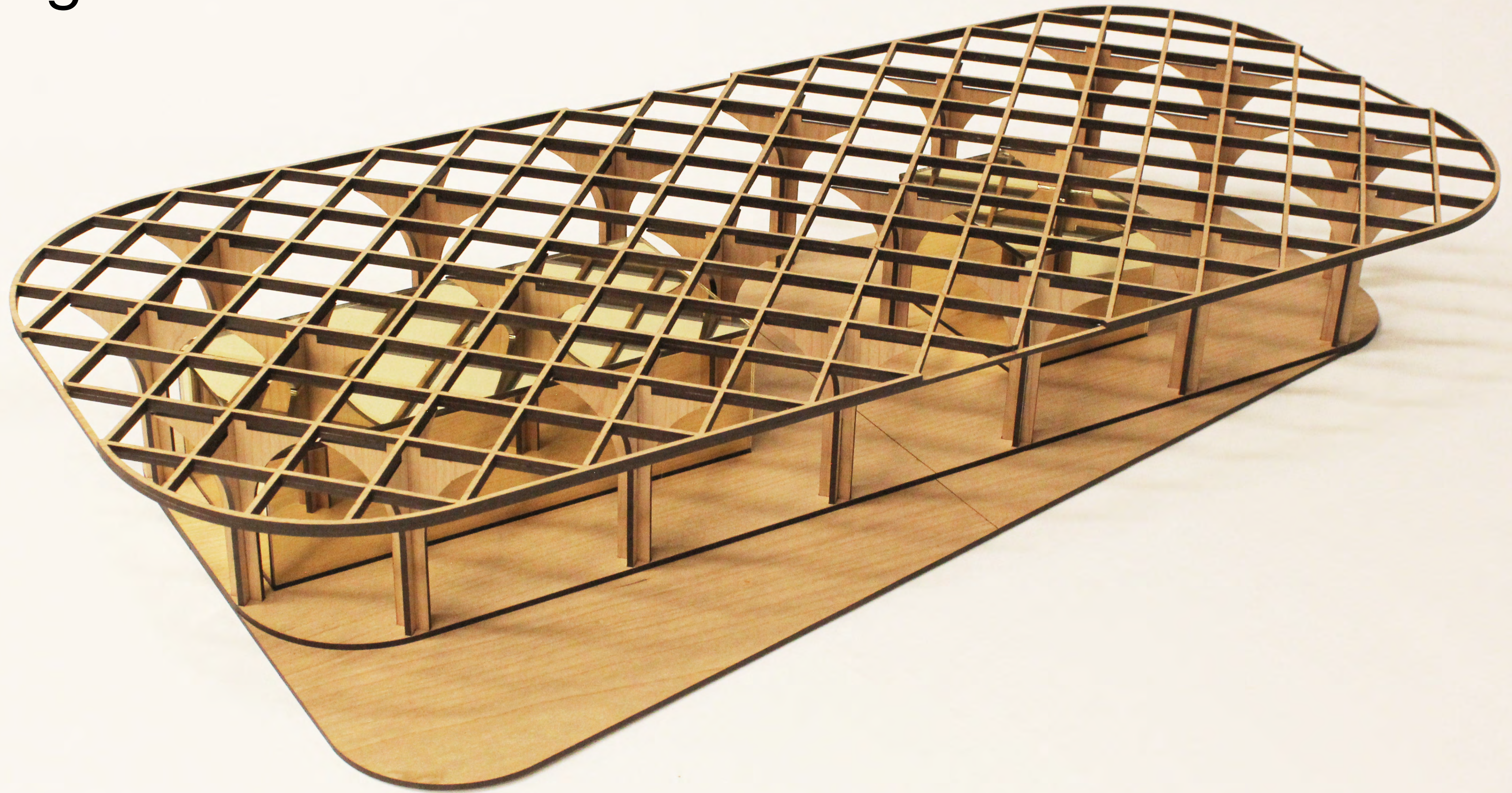
Recreate



Meet



One big roof



A healthy building



Reduce the CO2 footprint

THE CONSTRUCTION MATERIAL PYRAMID

THINK ABOUT TRANSPORT



Source: materialepyramiden.dk

The amount of captured CO2

GPR score 8.5
Emission: - 226.248 kg CO2



Prefabricated







Bolted together



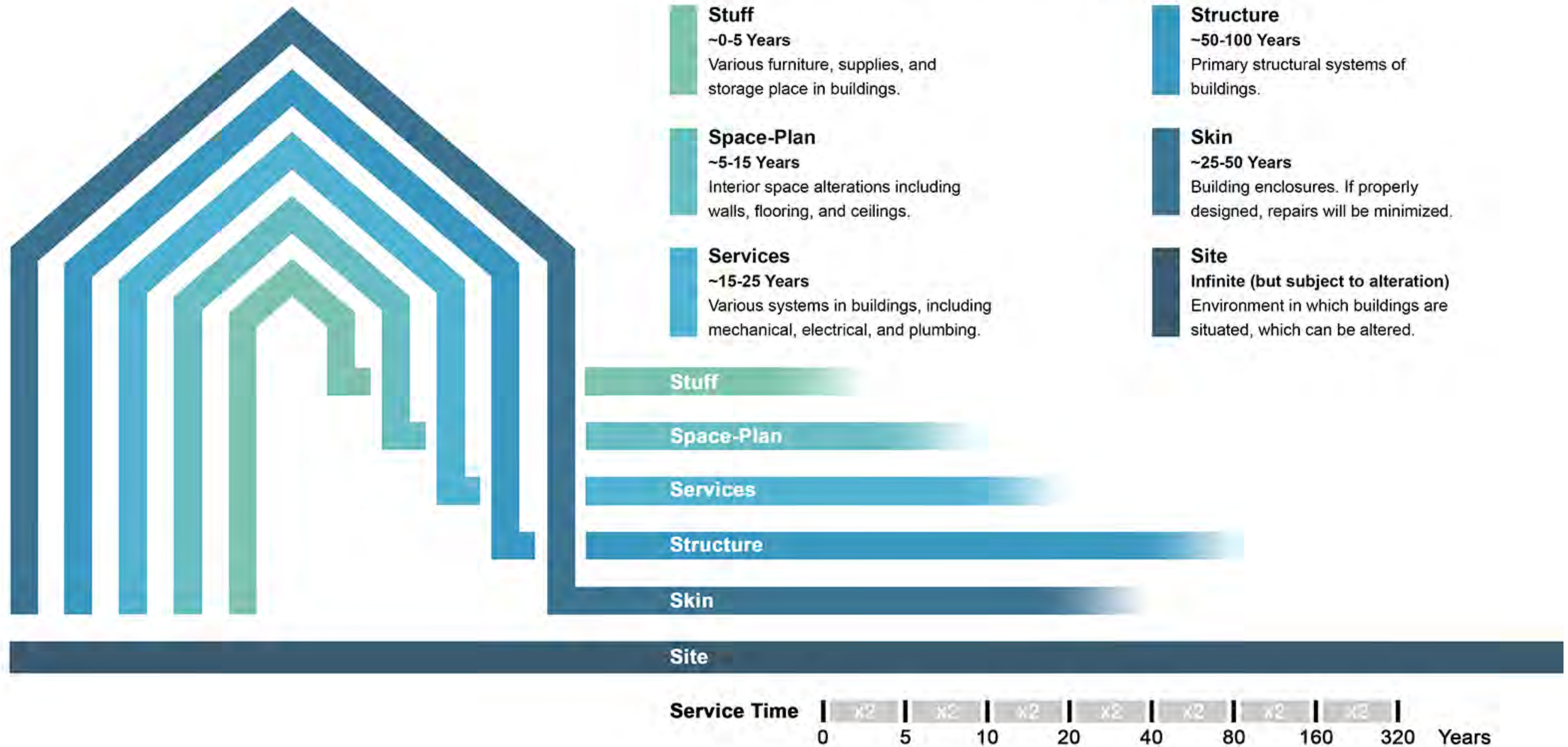


Wood wood wood

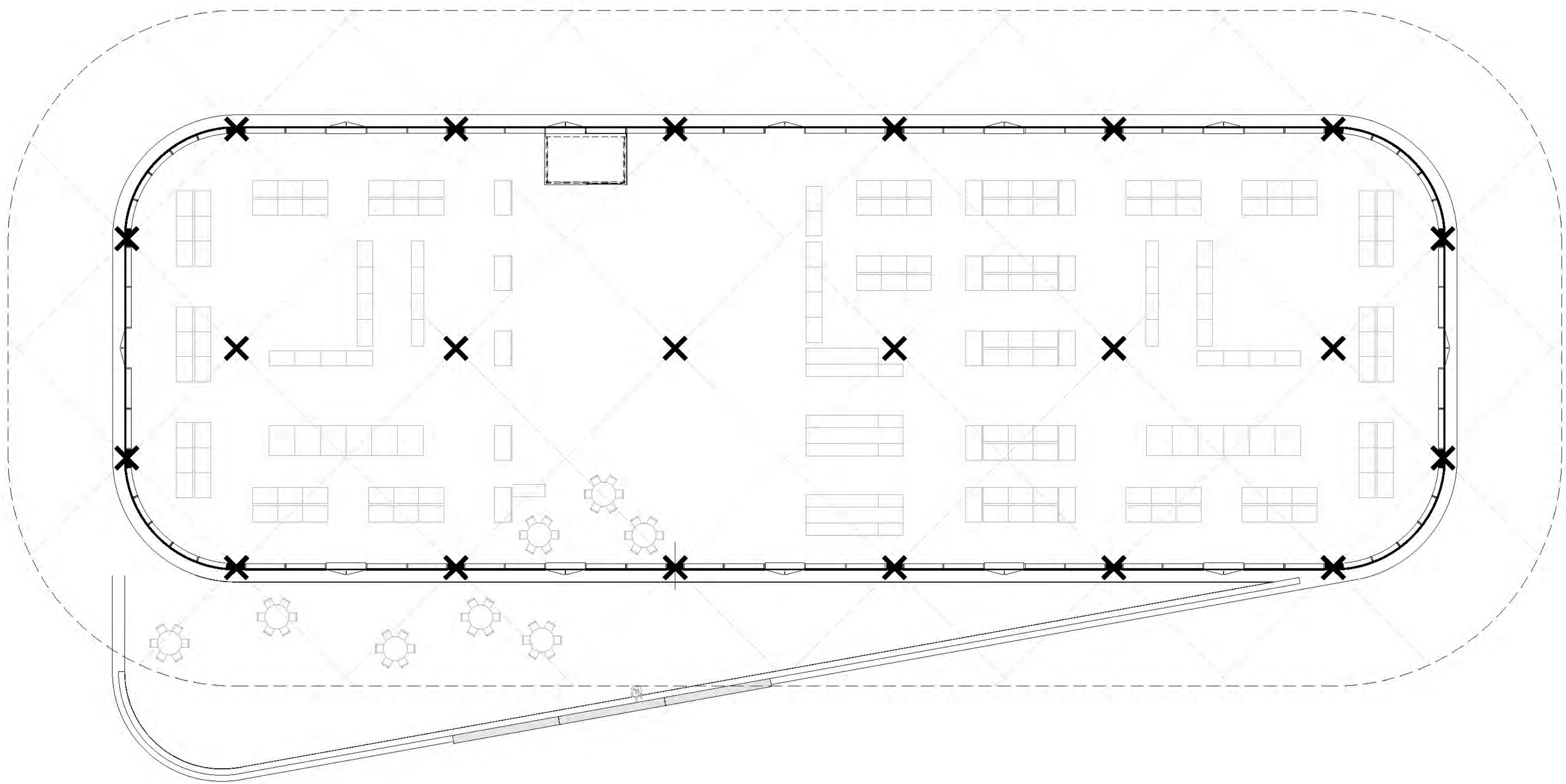
350 Wooden beams and columns
Spruce from Scandinavia and
Larch from Netherlands from Staatsbosbeheer



A Building's Shearing Layers

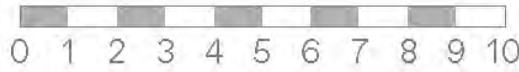
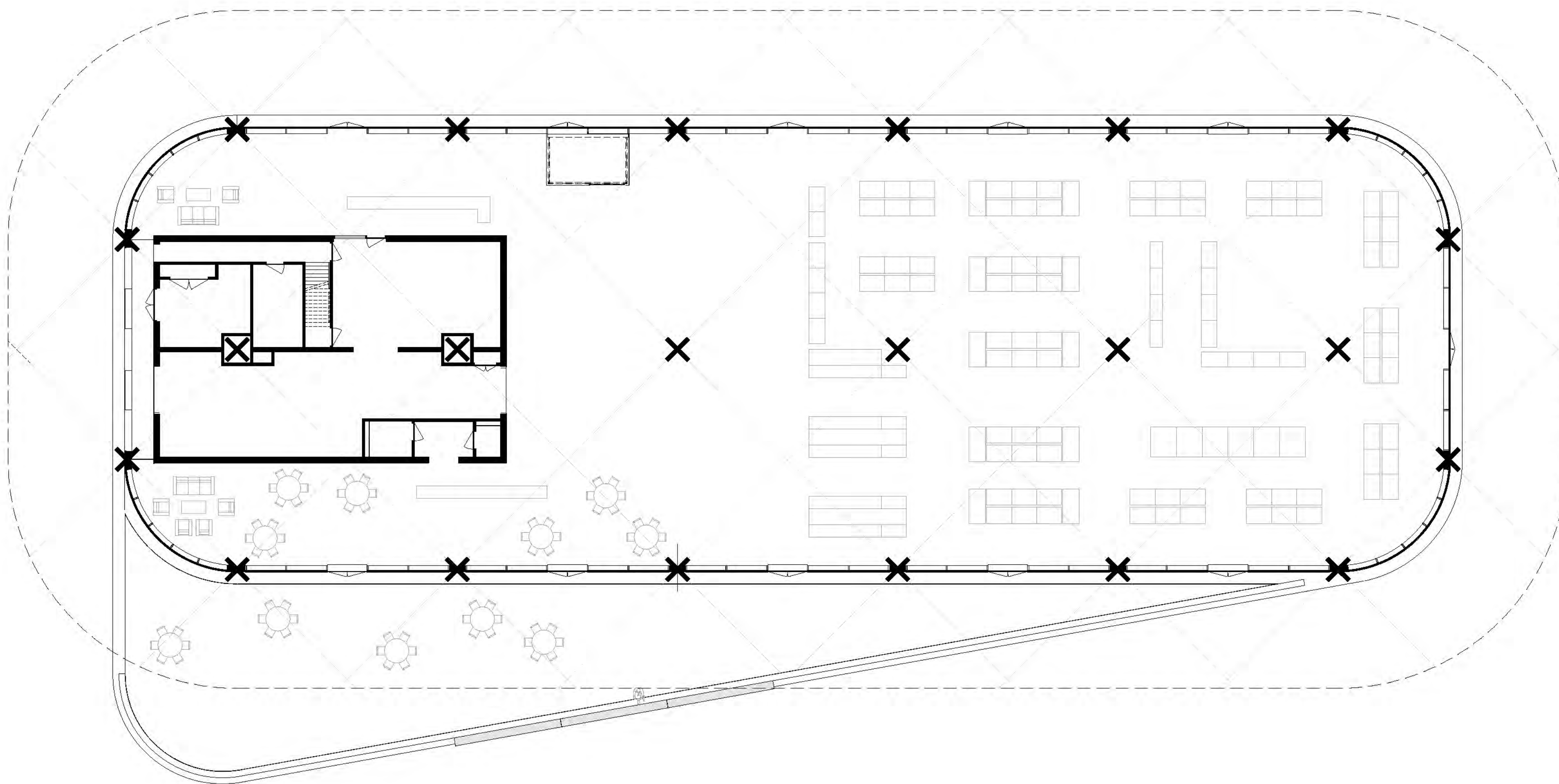


Open space

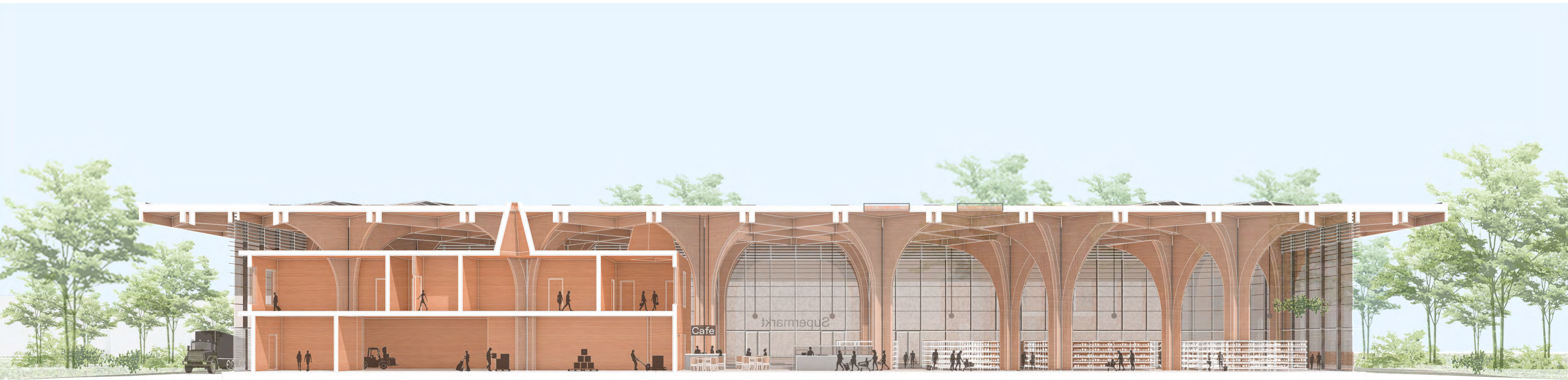


0 1 2 3 4 5 6 7 8 9 10

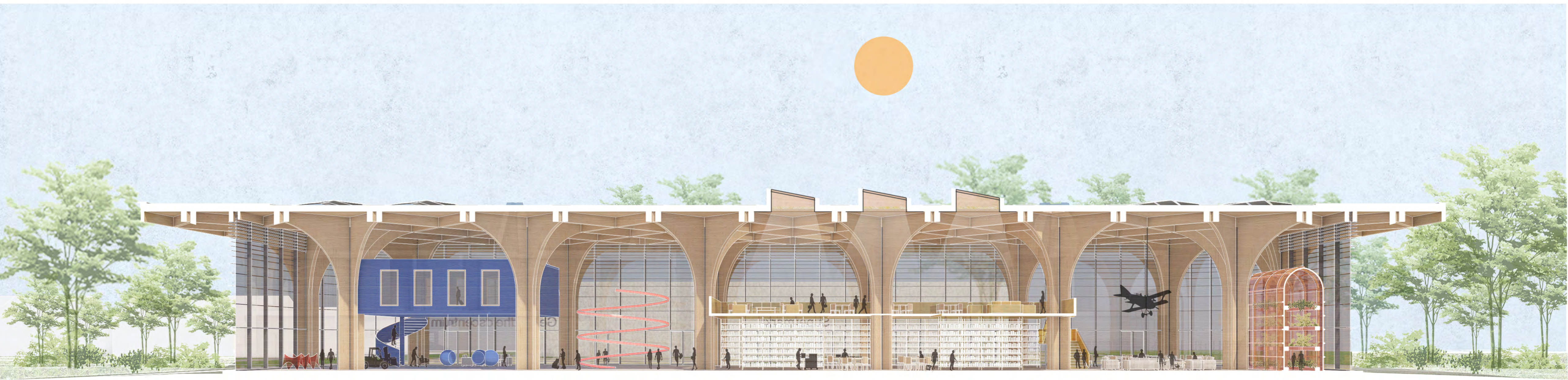
First phase



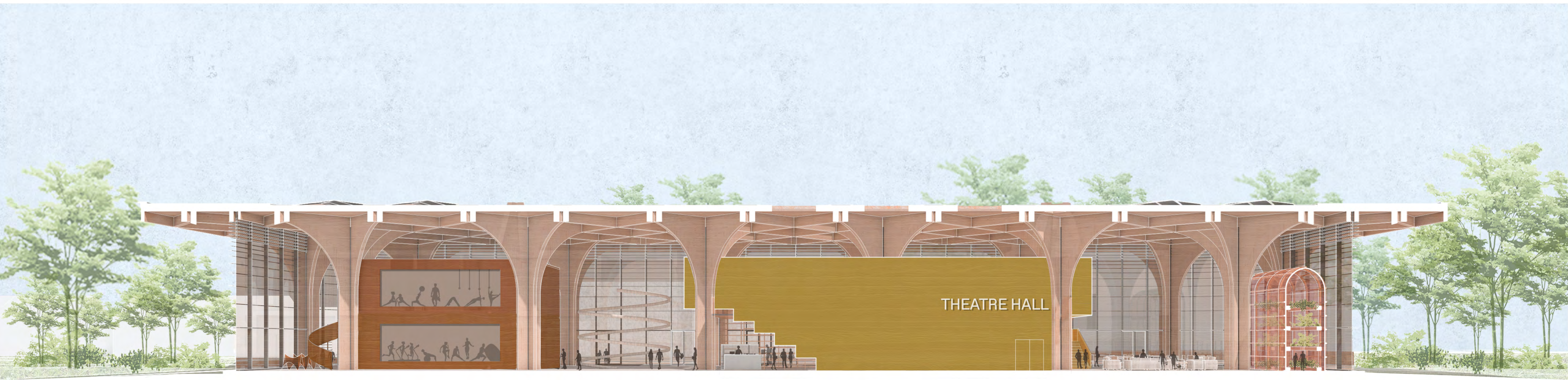




Supermarket, cafe and servicehub



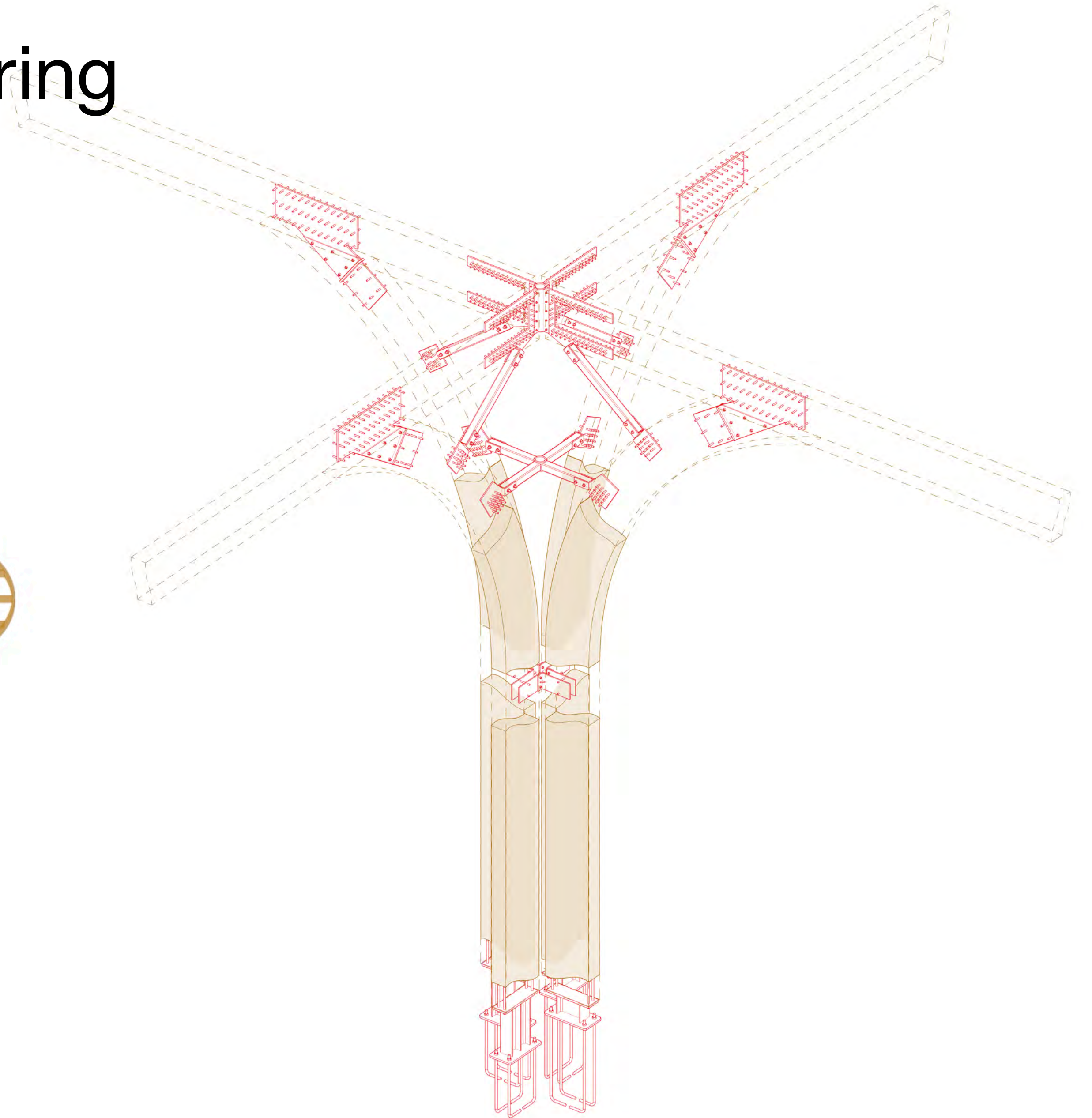
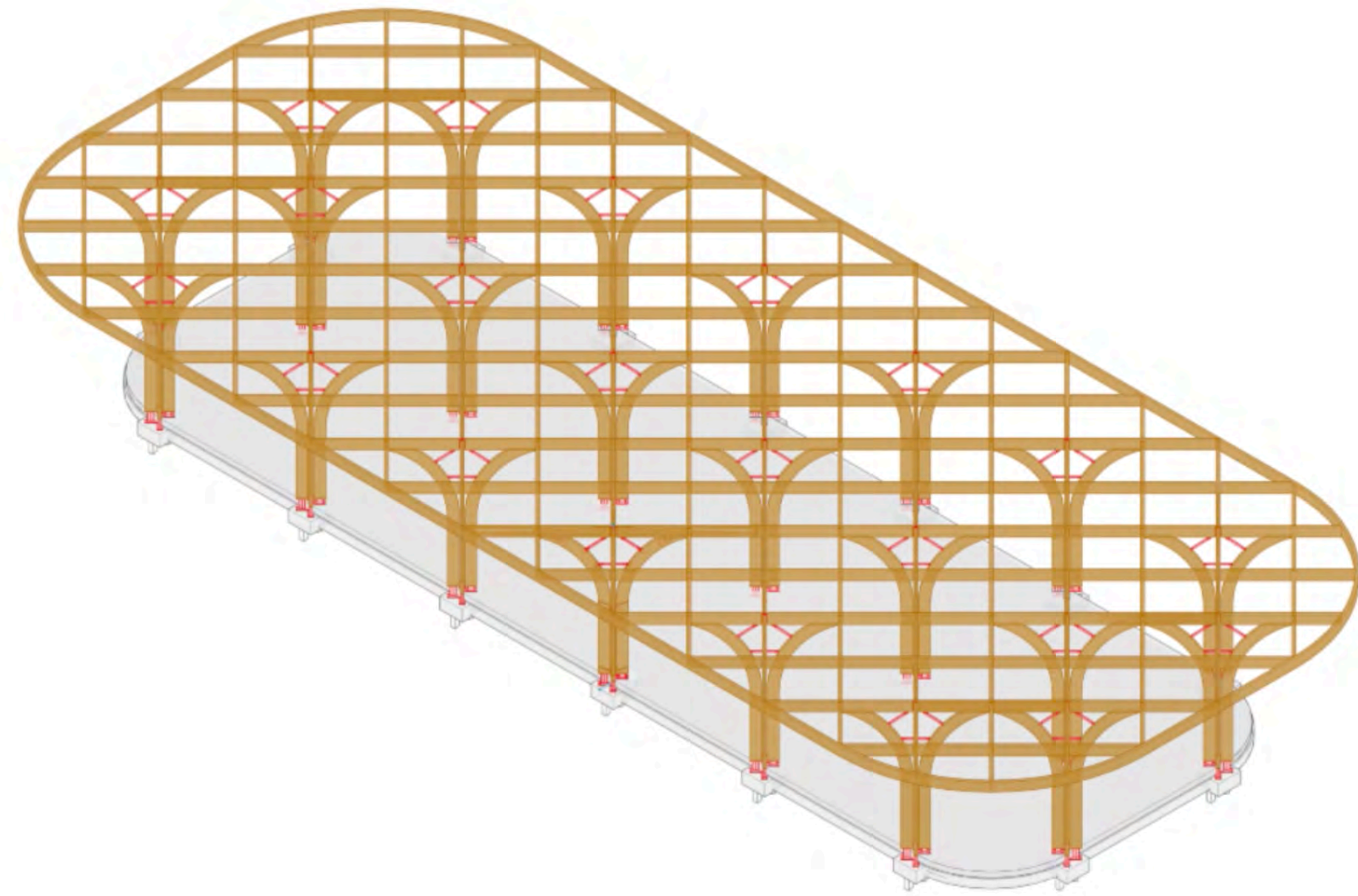
School, library or community centre



Healthcare center, gym or theatre

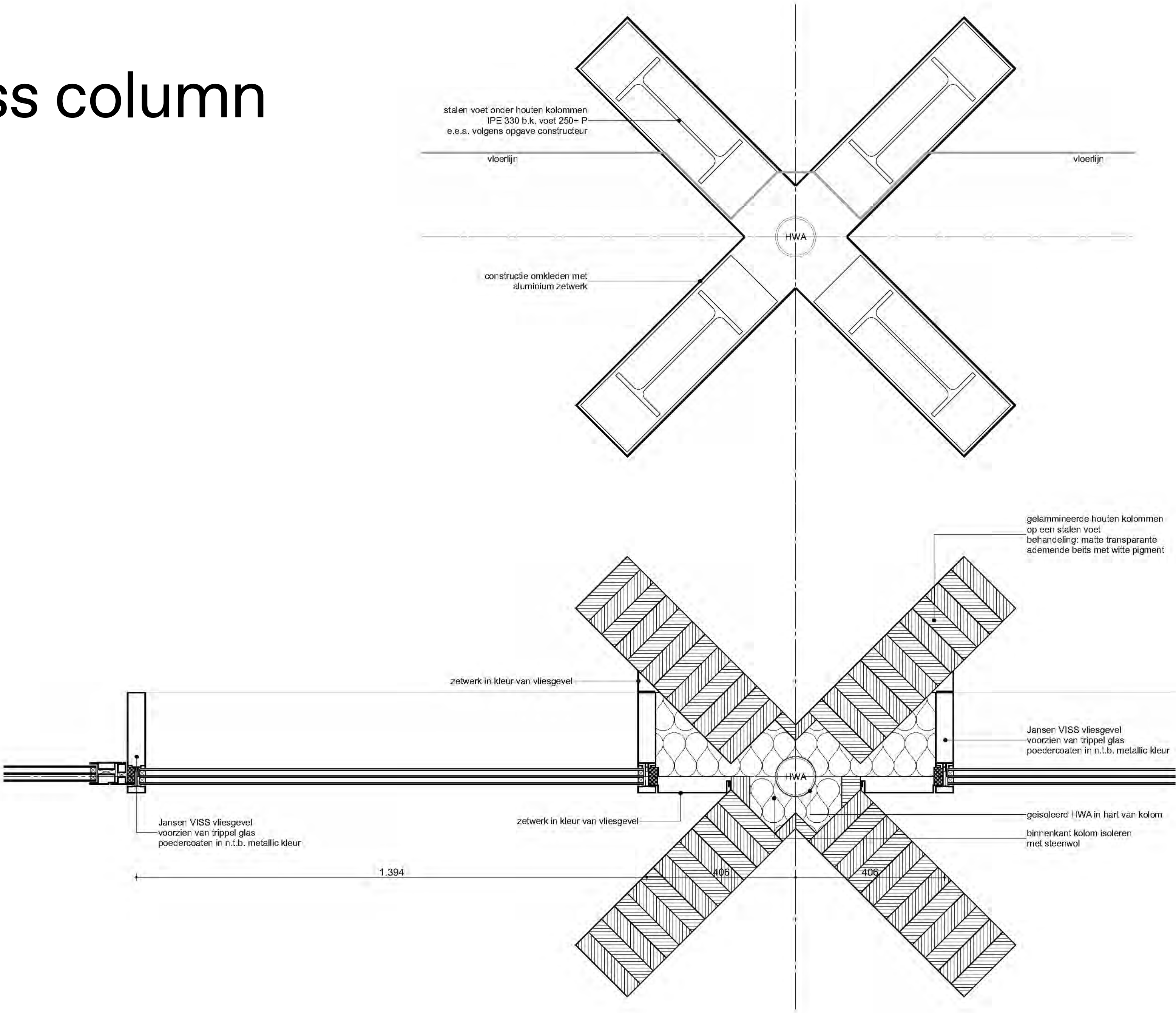


Architecture meets Engineering





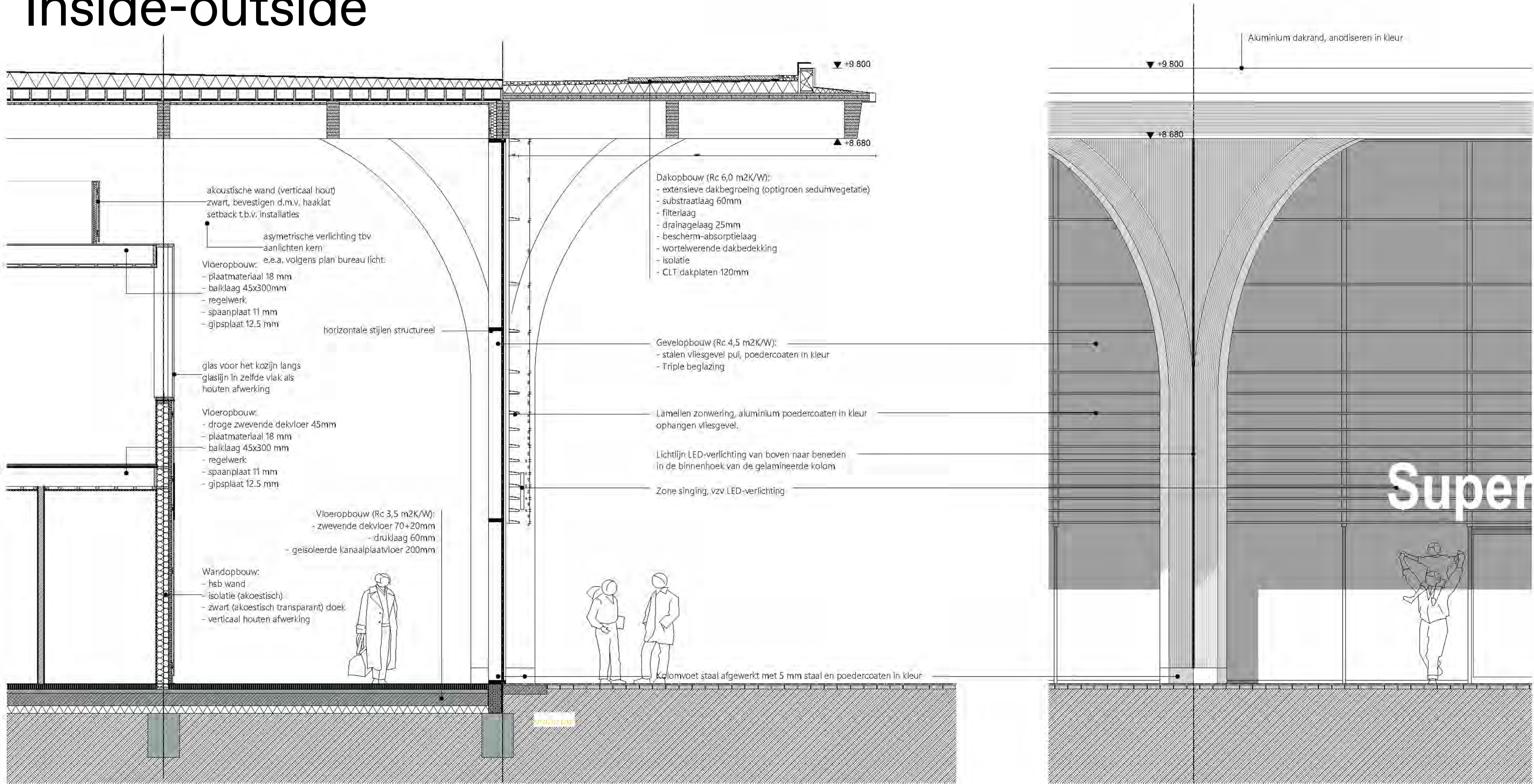
Cross column







Inside-outside















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architecture urbanism strategy