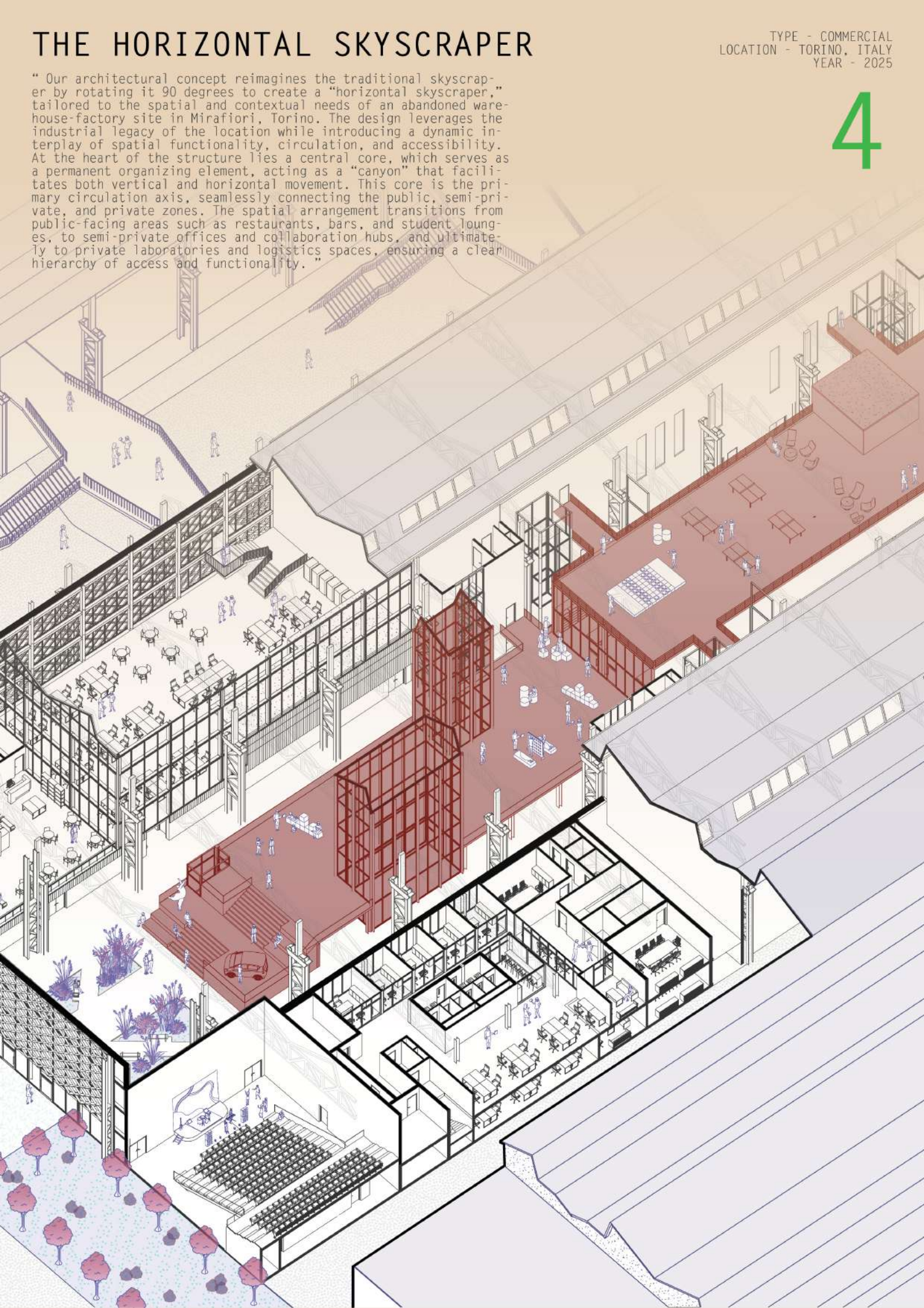
THE HORIZONTAL SKYSCRAPER

TYPE - COMMERCIAL
LOCATION - TORINO, ITALY
YEAR - 2025

4

" Our architectural concept reimagines the traditional skyscraper by rotating it 90 degrees to create a "horizontal skyscraper," tailored to the spatial and contextual needs of an abandoned warehouse-factory site in Mirafiori, Torino. The design leverages the industrial legacy of the location while introducing a dynamic interplay of spatial functionality, circulation, and accessibility. At the heart of the structure lies a central core, which serves as a permanent organizing element, acting as a "canyon" that facilitates both vertical and horizontal movement. This core is the primary circulation axis, seamlessly connecting the public, semi-private, and private zones. The spatial arrangement transitions from public-facing areas such as restaurants, bars, and student lounges, to semi-private offices and collaboration hubs, and ultimately to private laboratories and logistics spaces, ensuring a clear hierarchy of access and functionality. "



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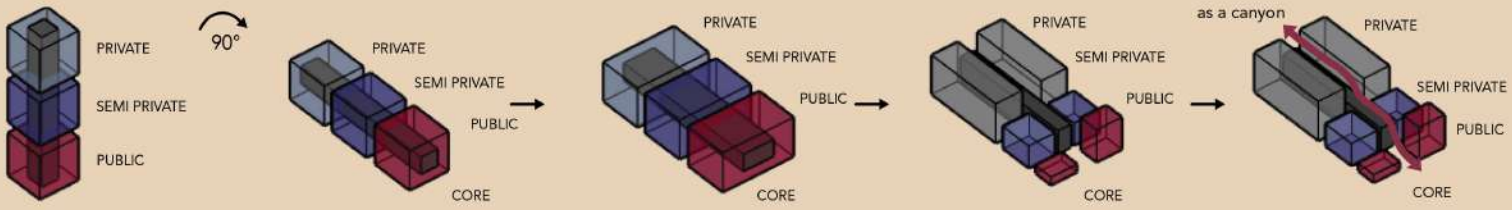

Regular skyscraper

Skyscraper rotated 90 degrees

Widened for existing space

Core is placed in between spaces

Distribution of functions and levels

AXONOETRIC VIEW

OFFICE VIEW

ENTRANCE

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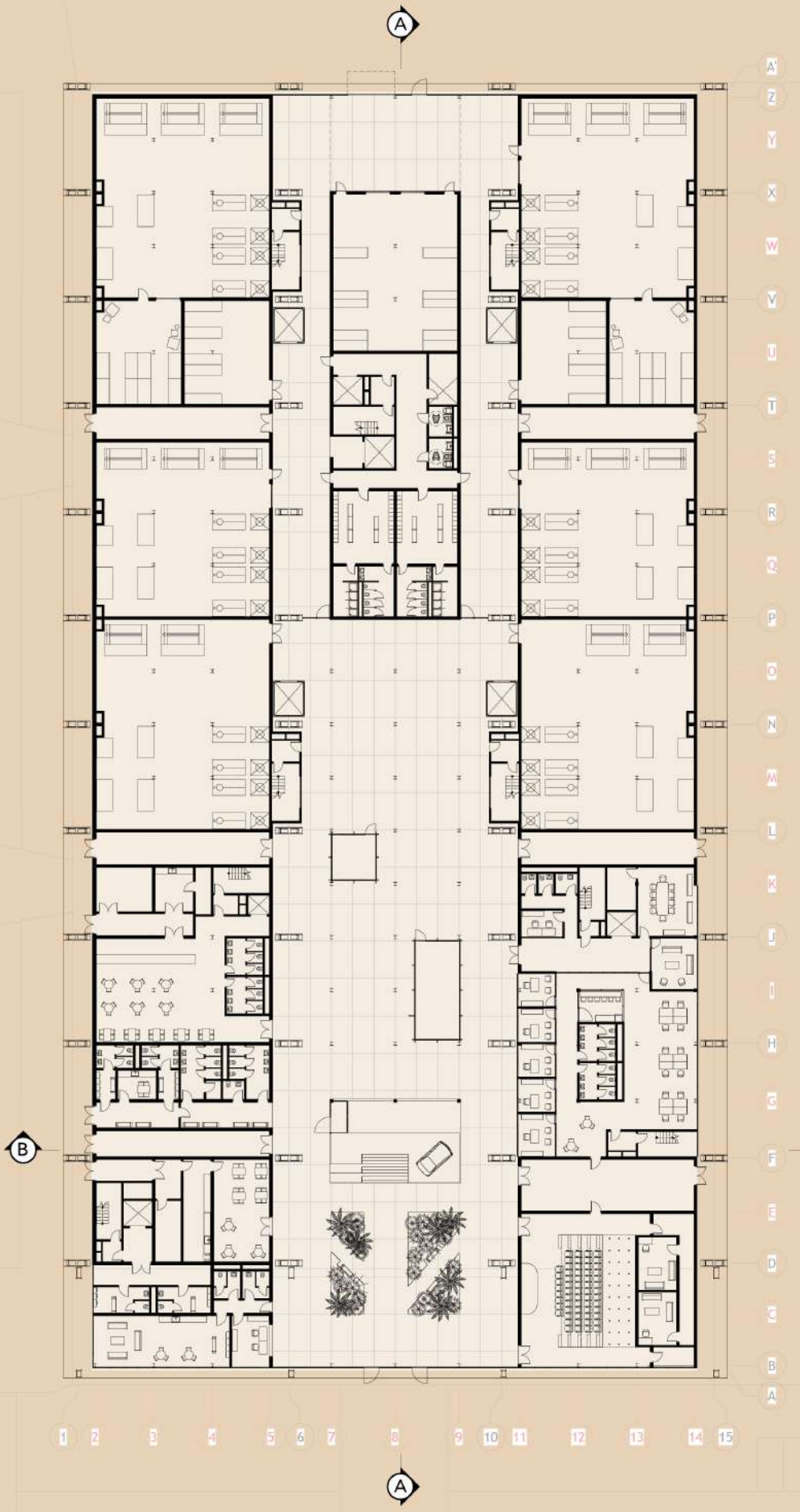

GROUND FLOOR PLAN

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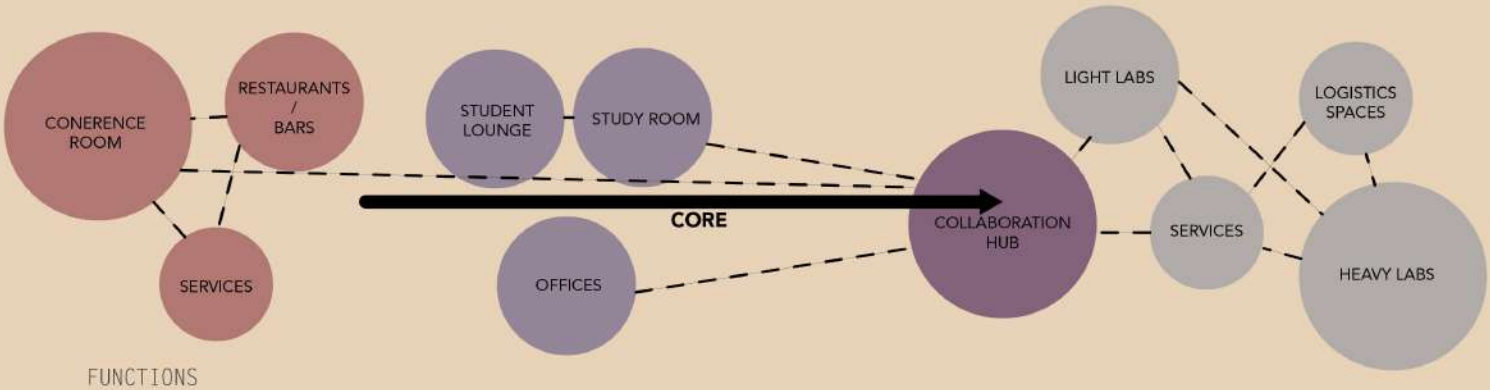
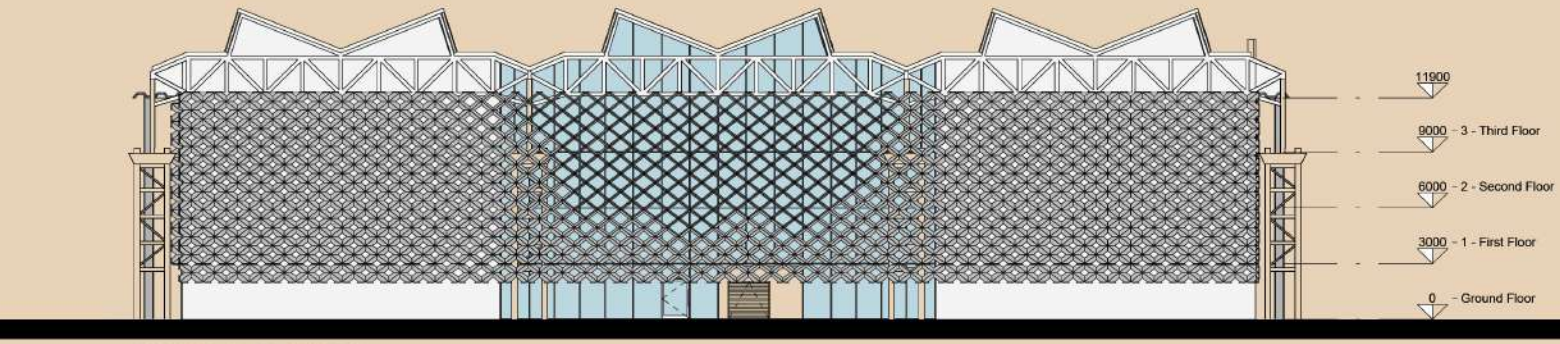
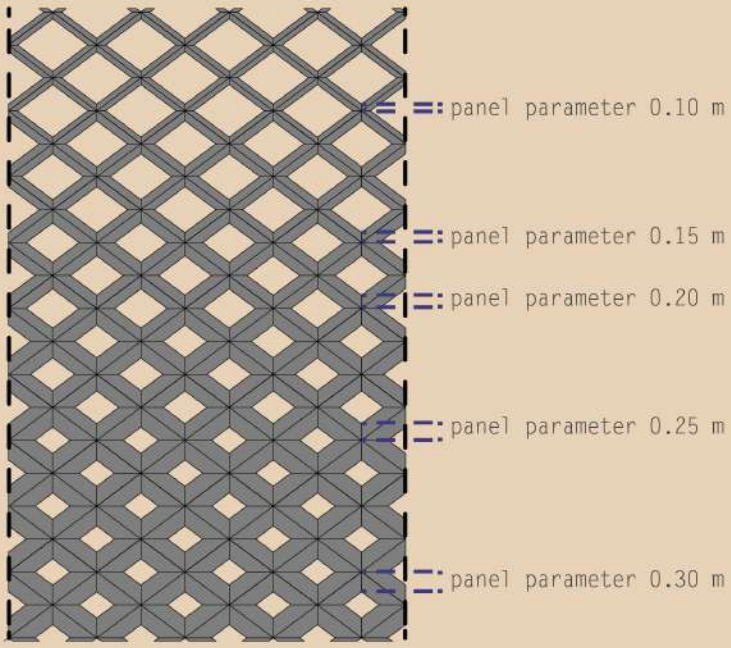
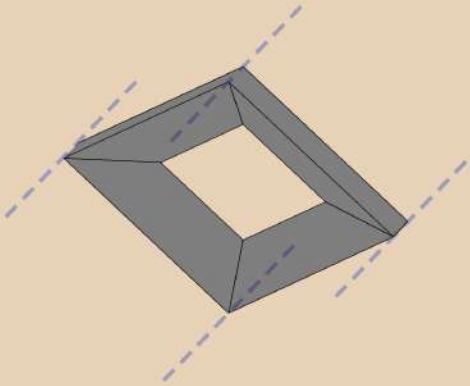


FUNCTIONS



NORTHEAST ELEVATION

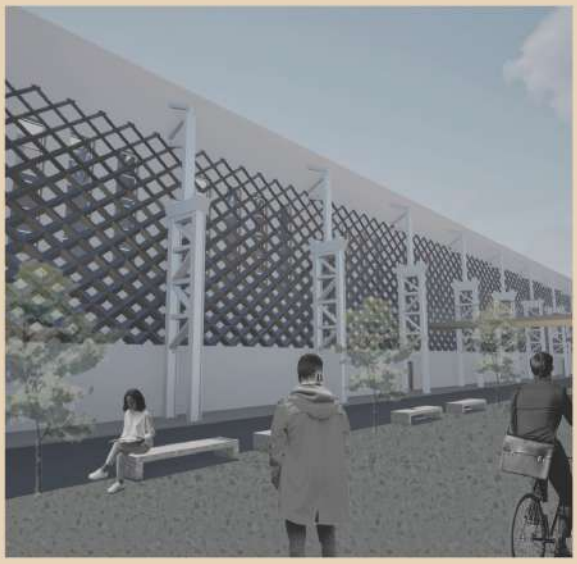




PARAMETRIC MESH DESIGN

Using a parametric mesh to cover the façade to manage privacy dynamically.

Creates a gradient of openness, with denser patterns in areas requiring more privacy and sparser patterns where visibility or light entry is prioritized.



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