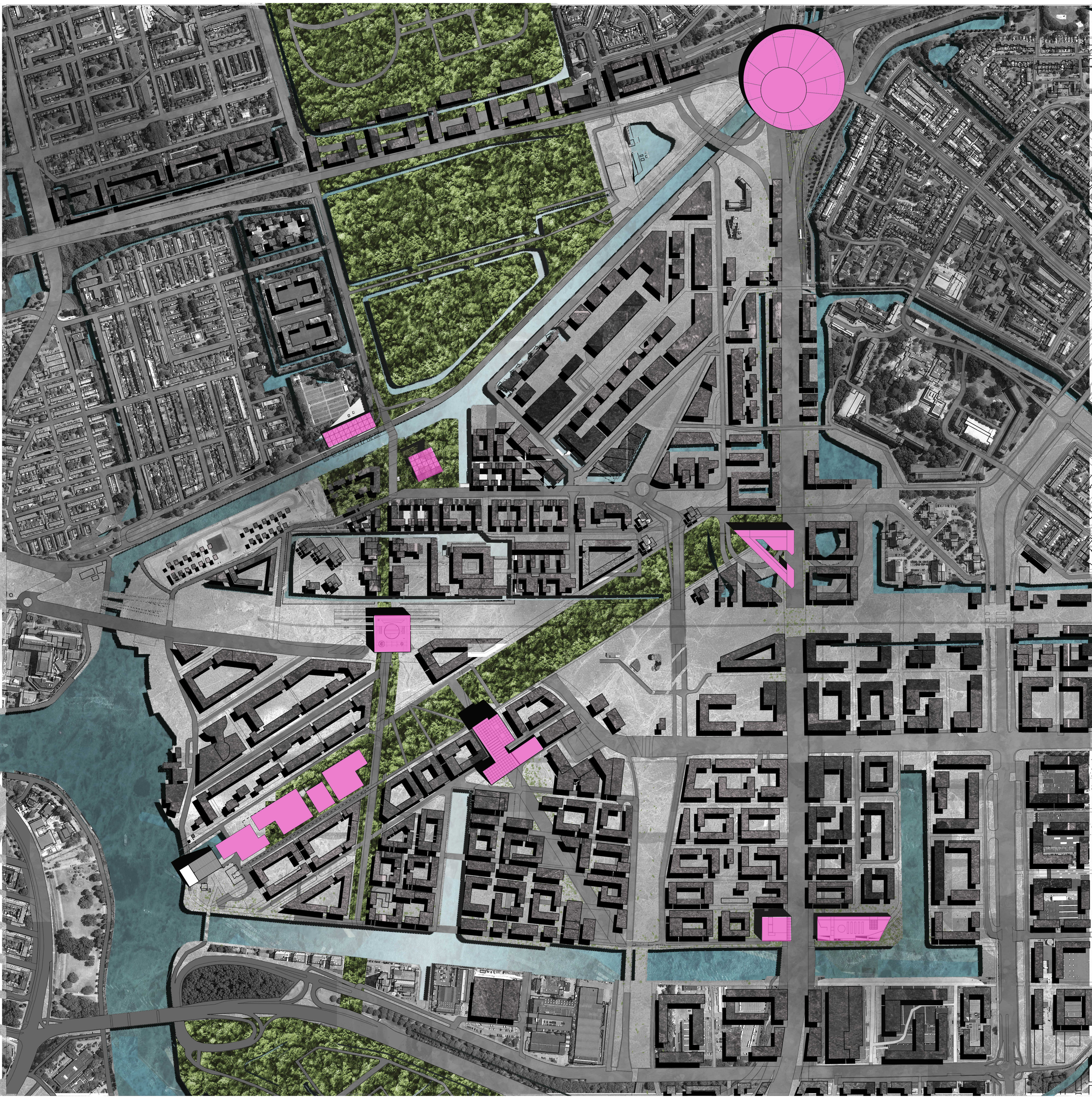
SJOERD BOOMARS
4211227
31/01/2018



1:3000 SITE

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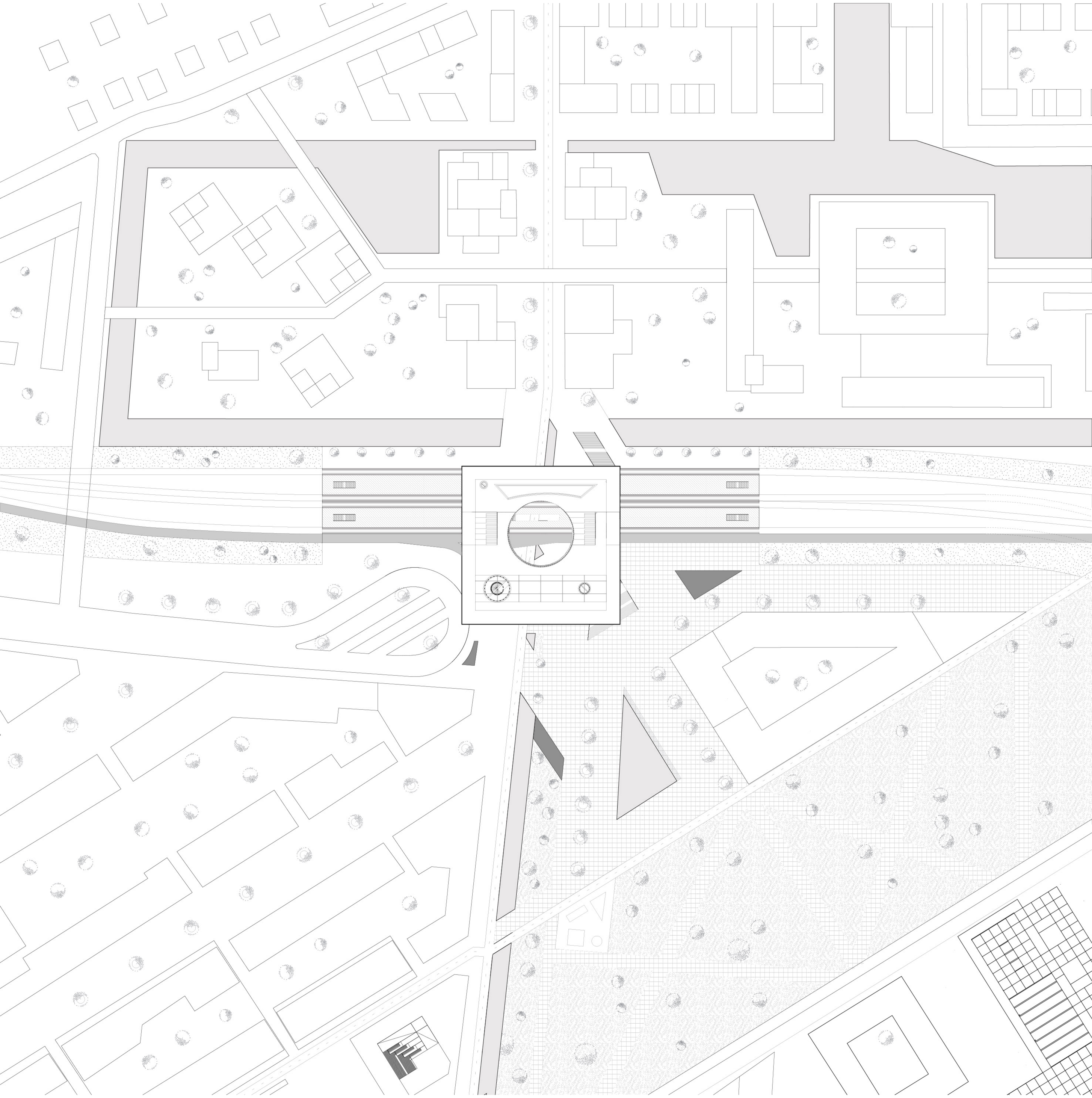
31/01/2018



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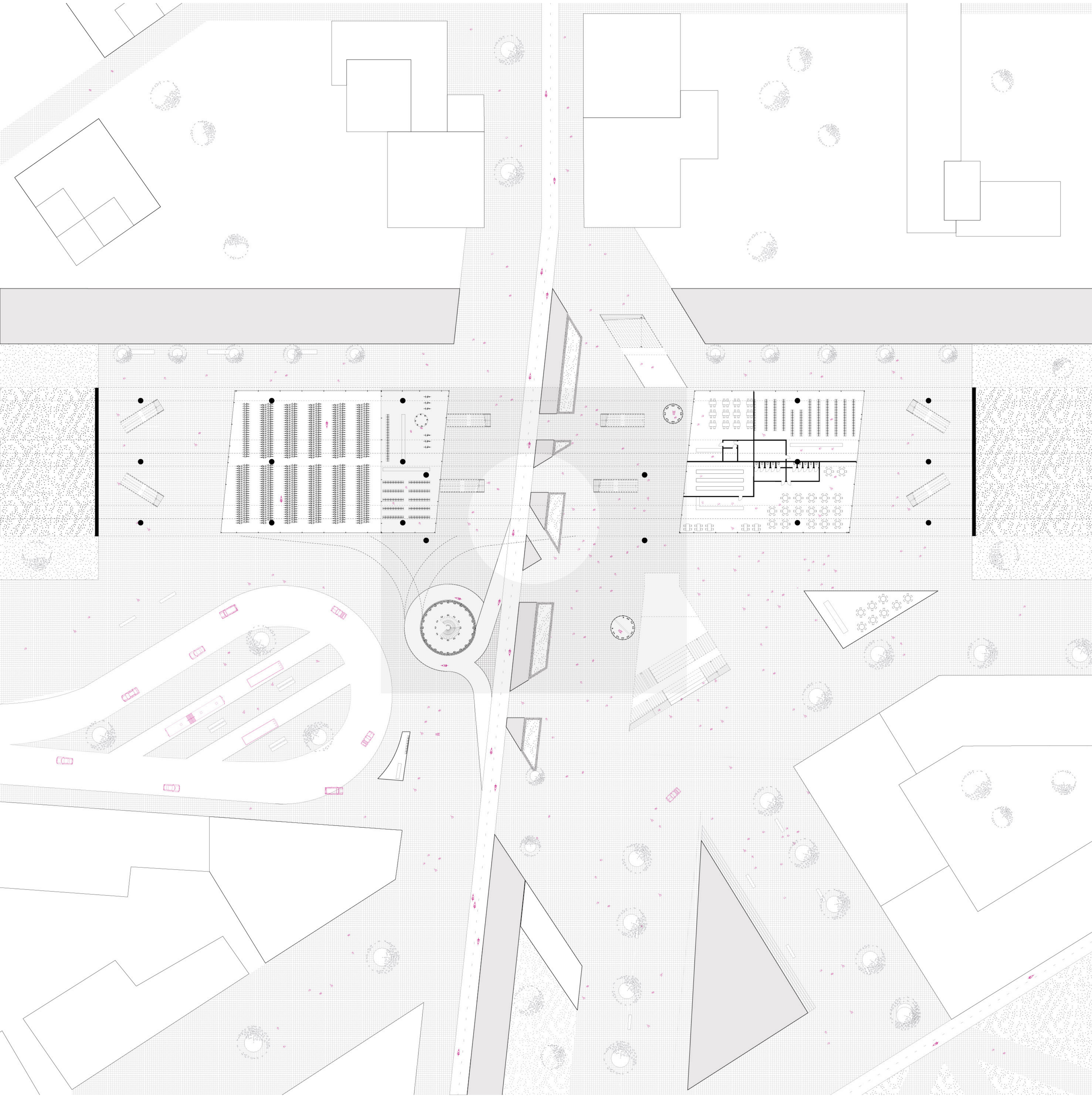

1:500 GROUNDLEVEL

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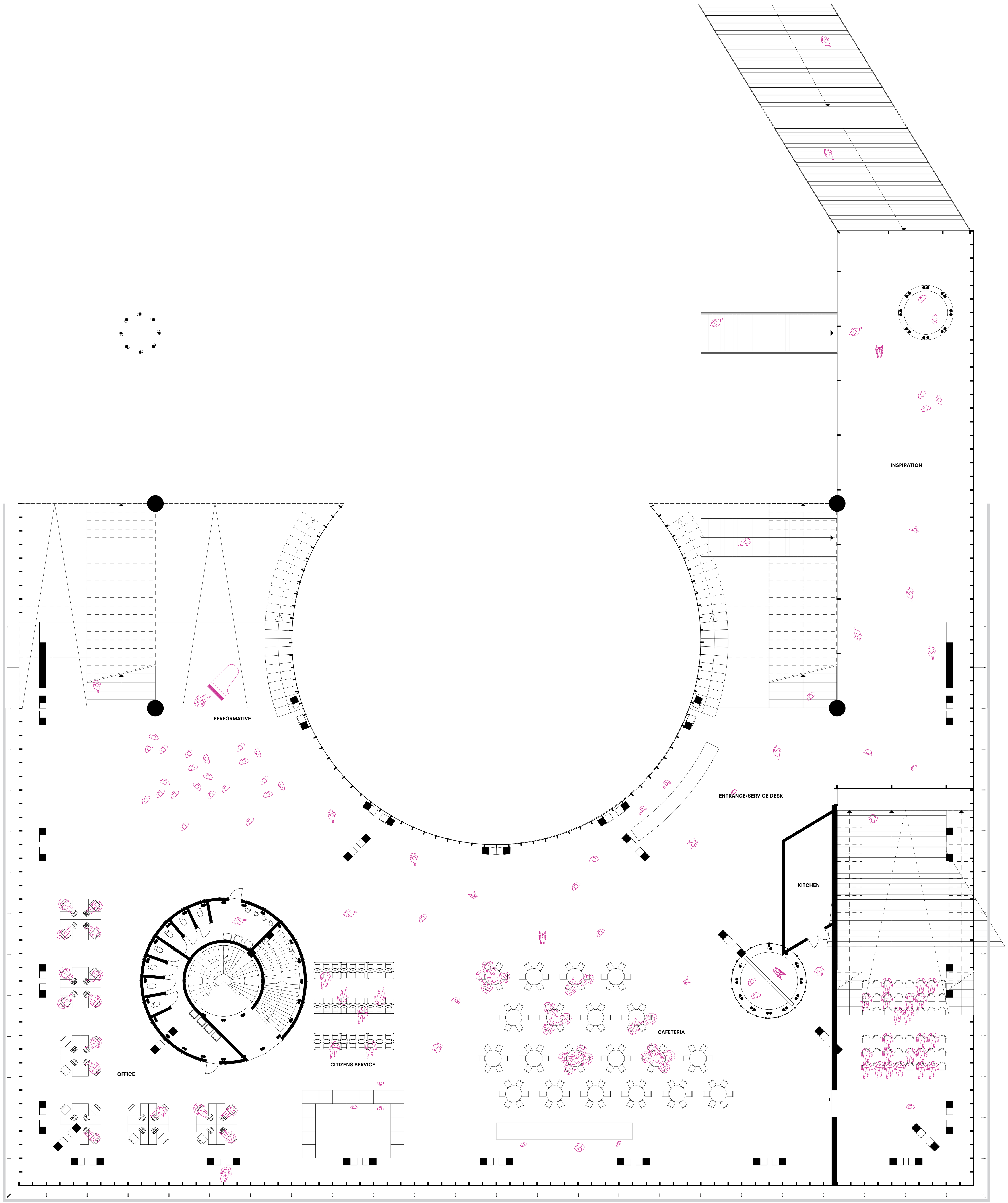

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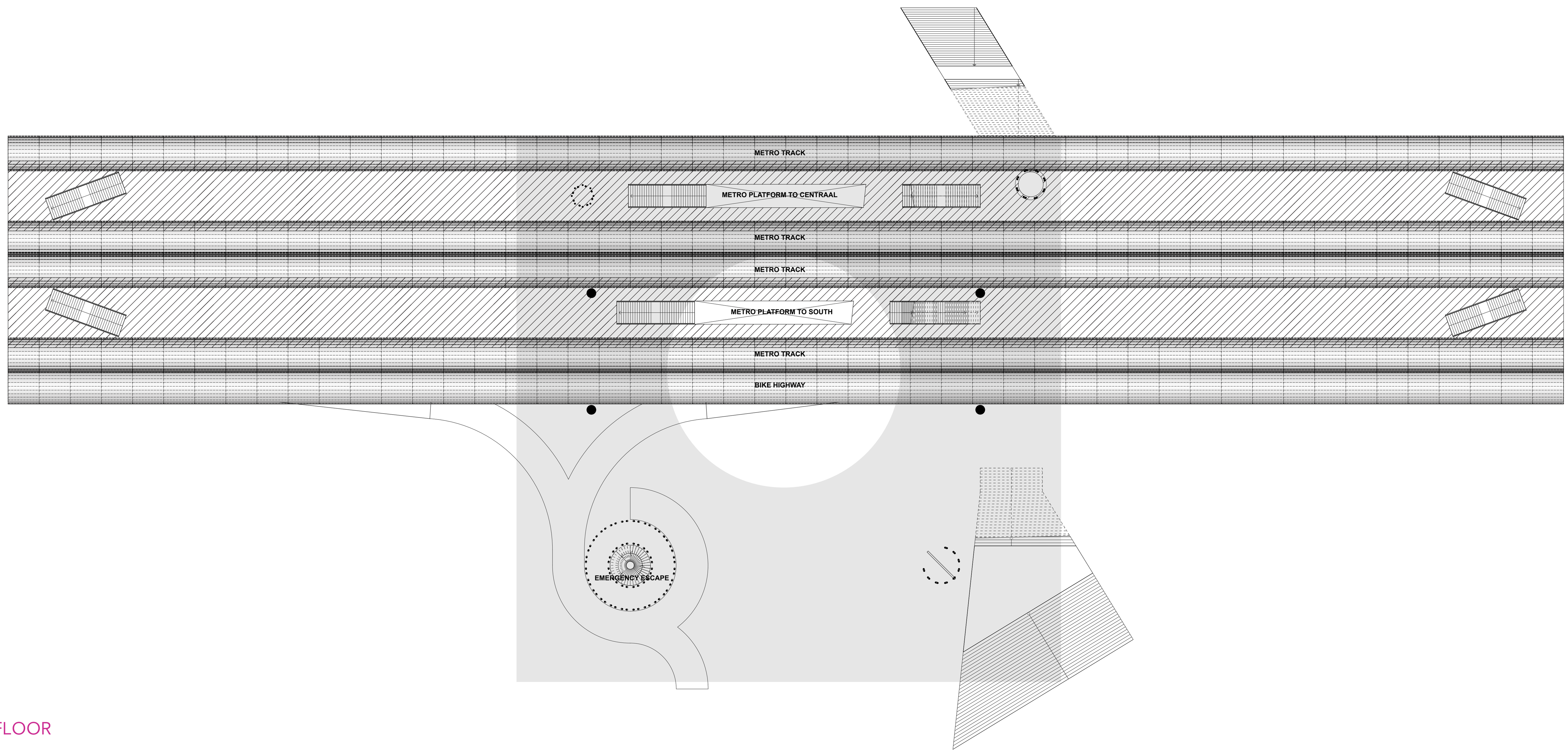

1:500 1ST FLOOR

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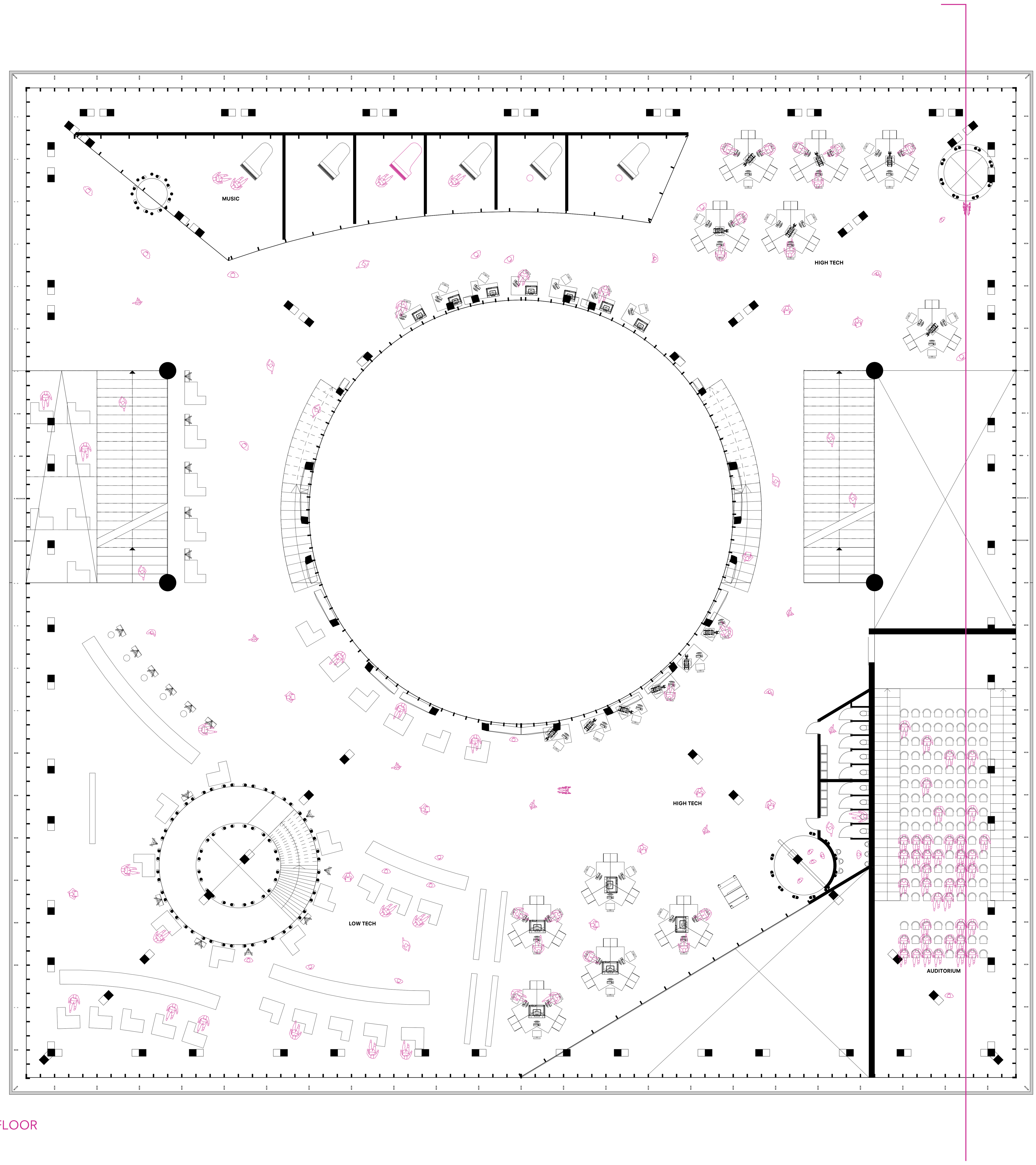
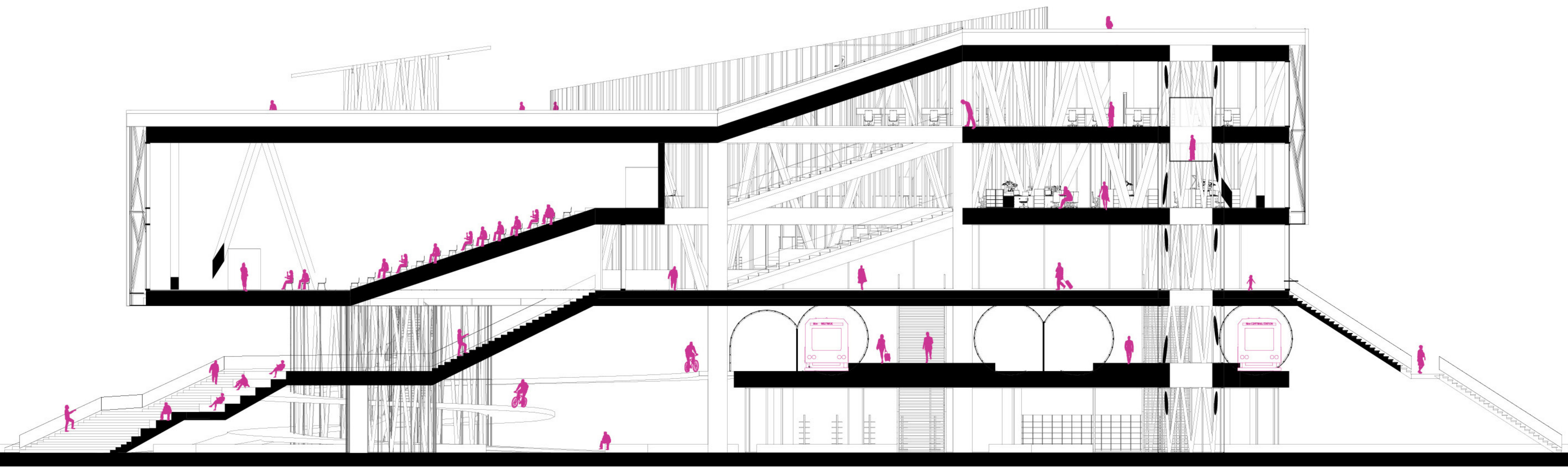


1:200 3RD FLOOR

1:200 SECTION



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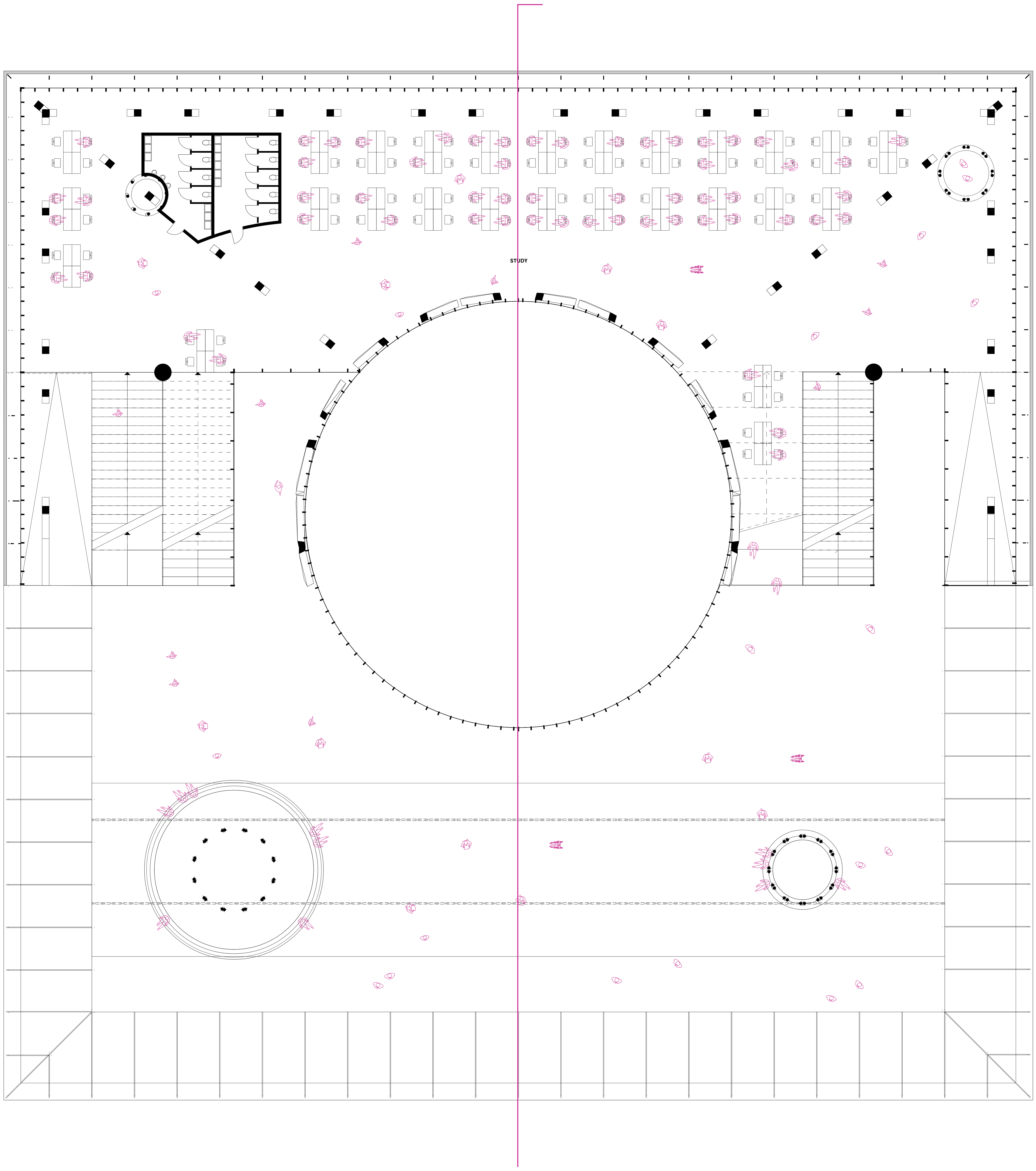
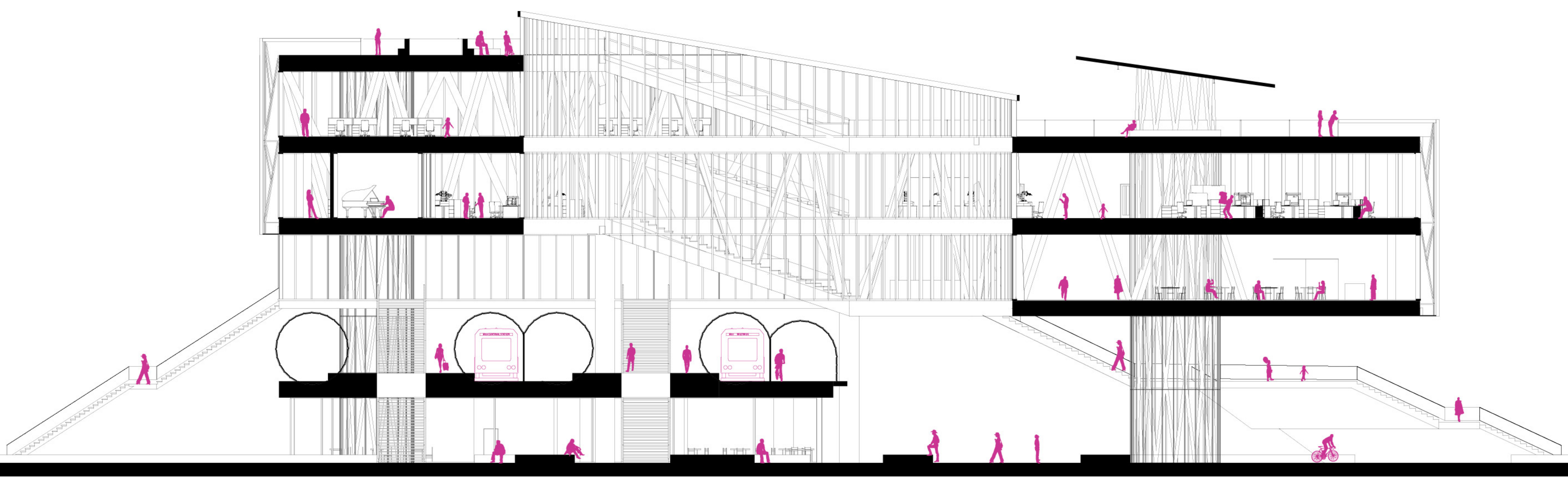


1:200 4TH FLOOR

1:200 SECTION



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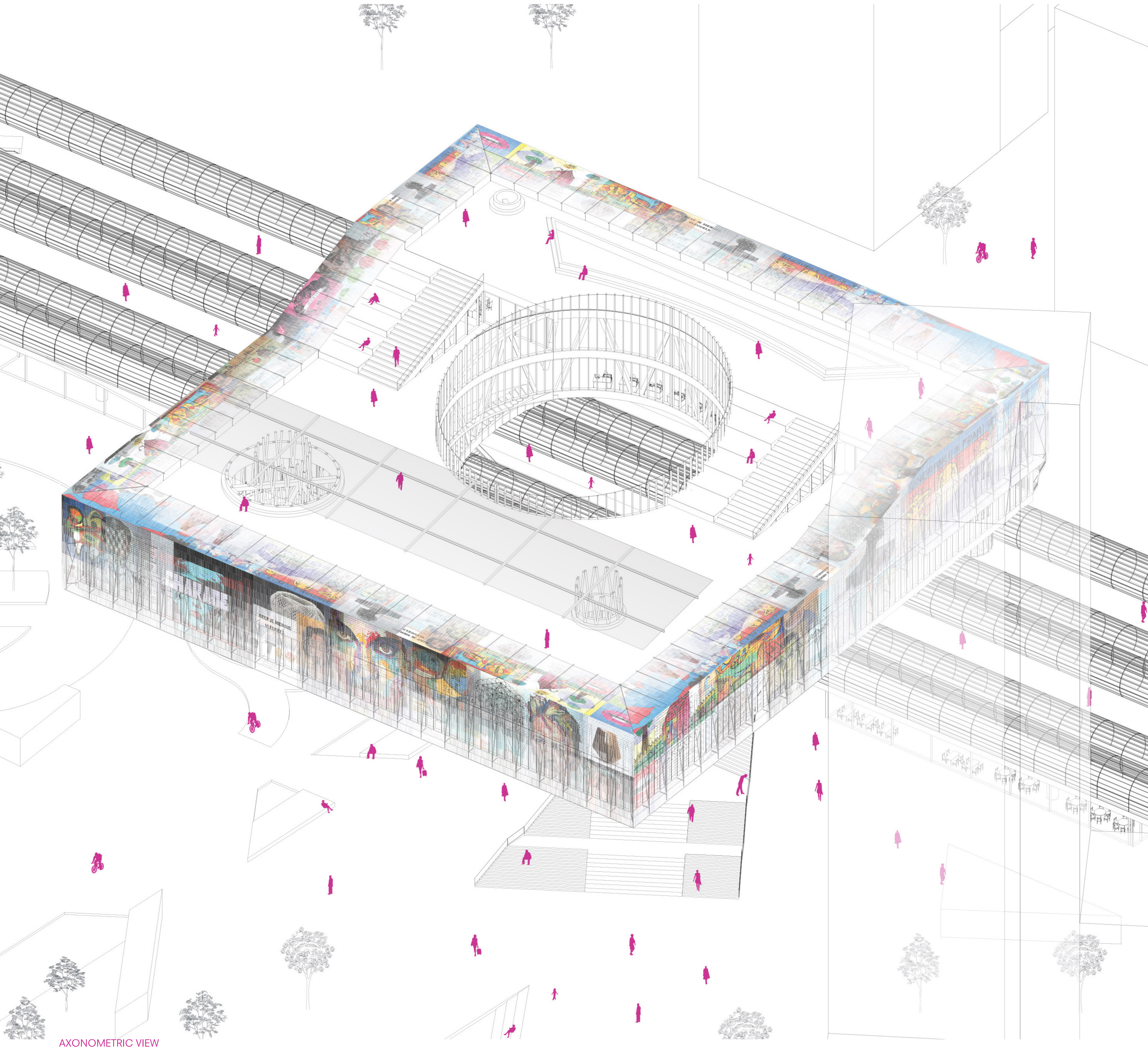
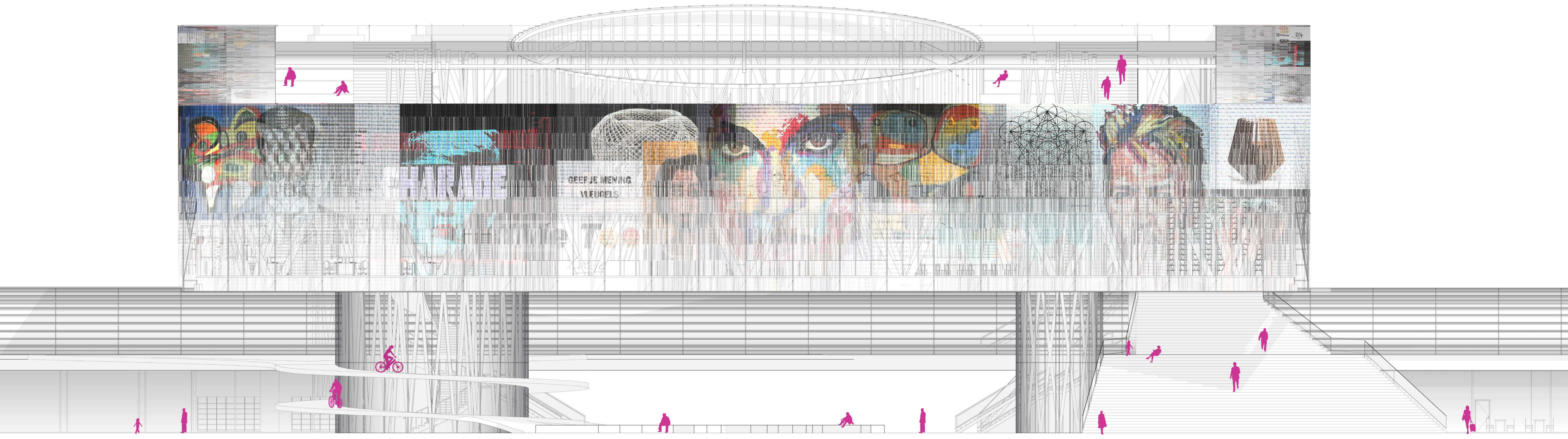


AXONOMETRIC VIEW

1:200 WEST ELEVATION



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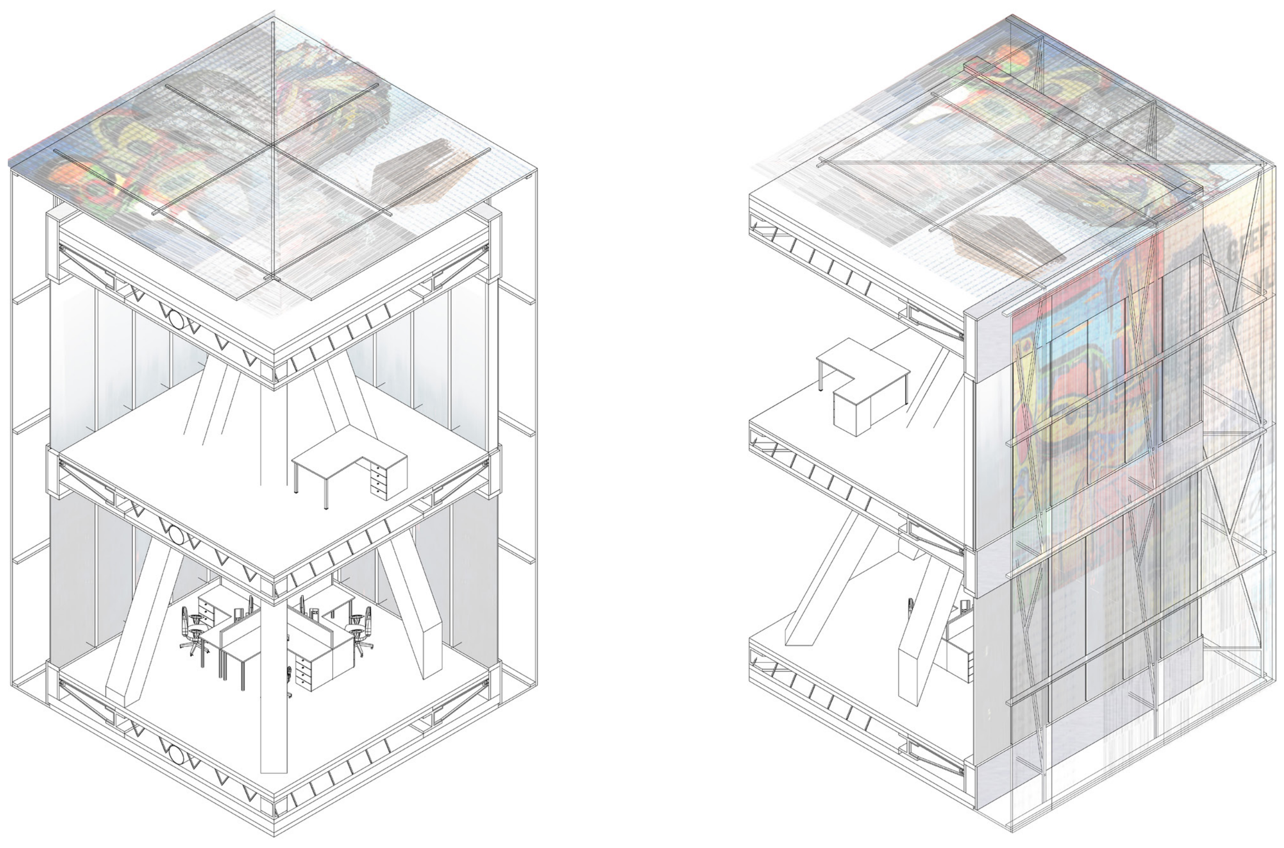
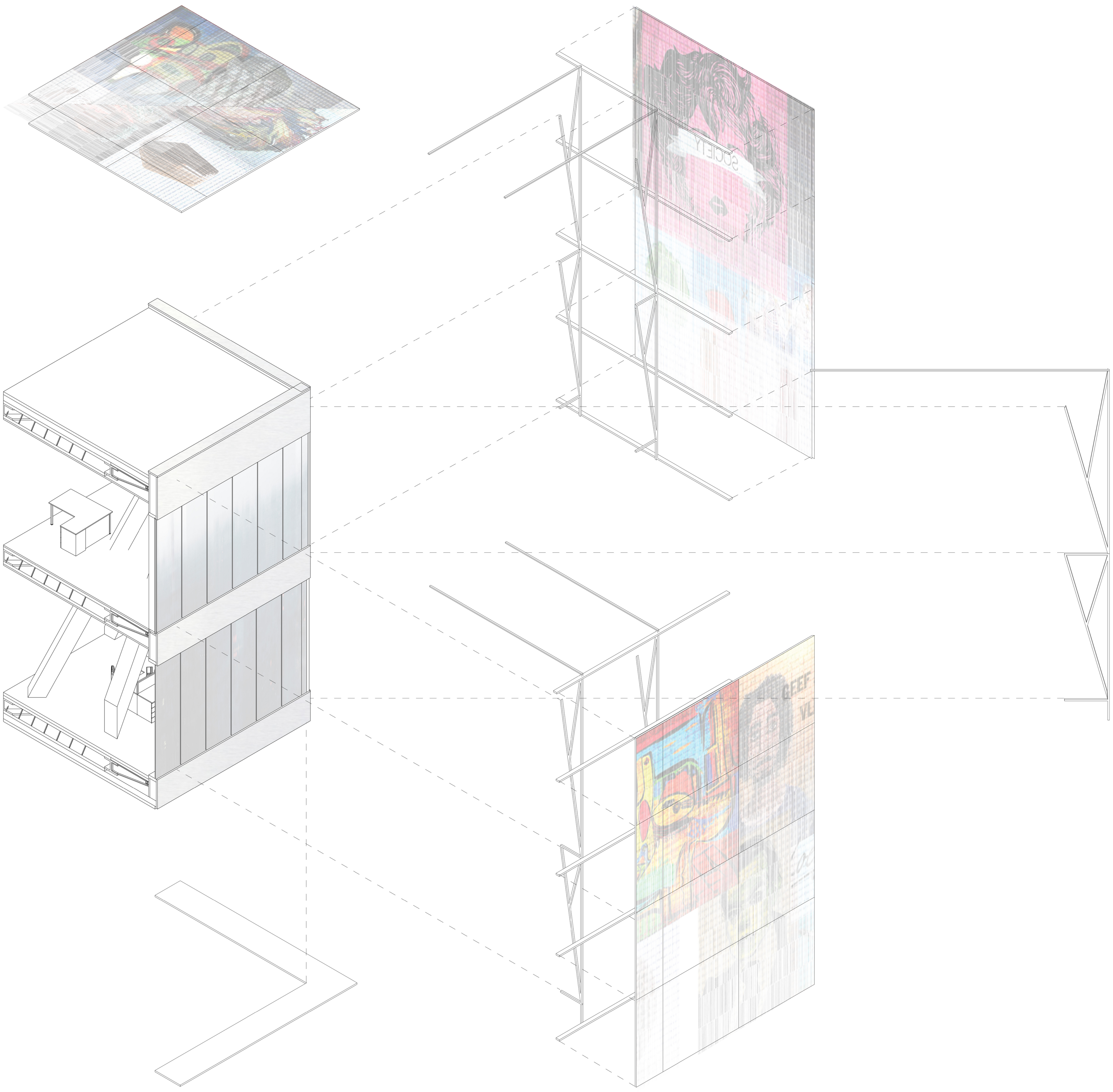
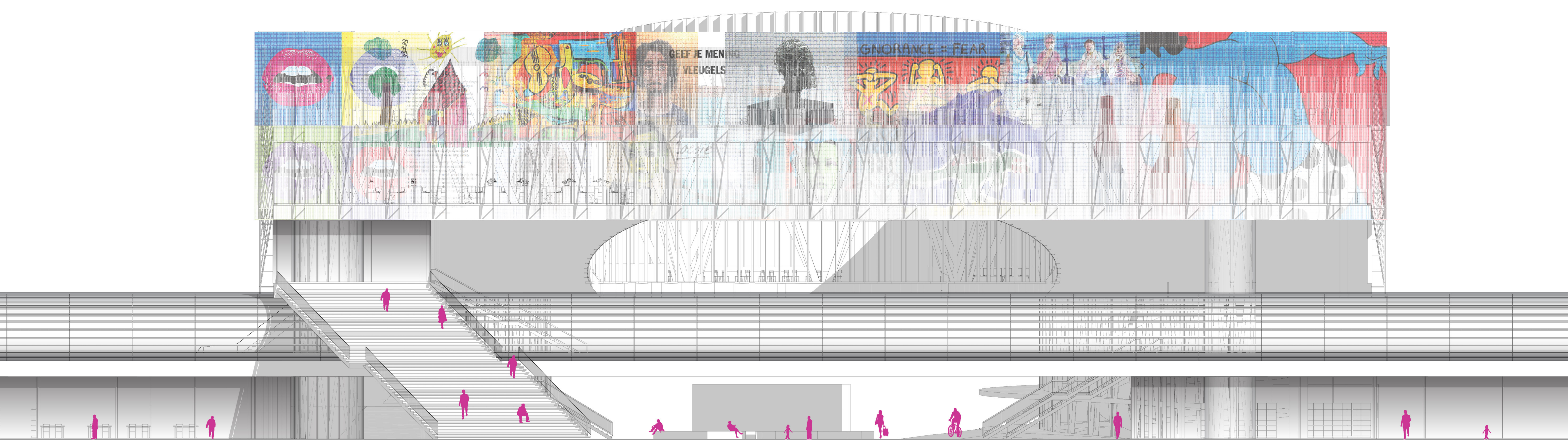




FACADE FRAGMENT

1:200 WEST ELEVATION



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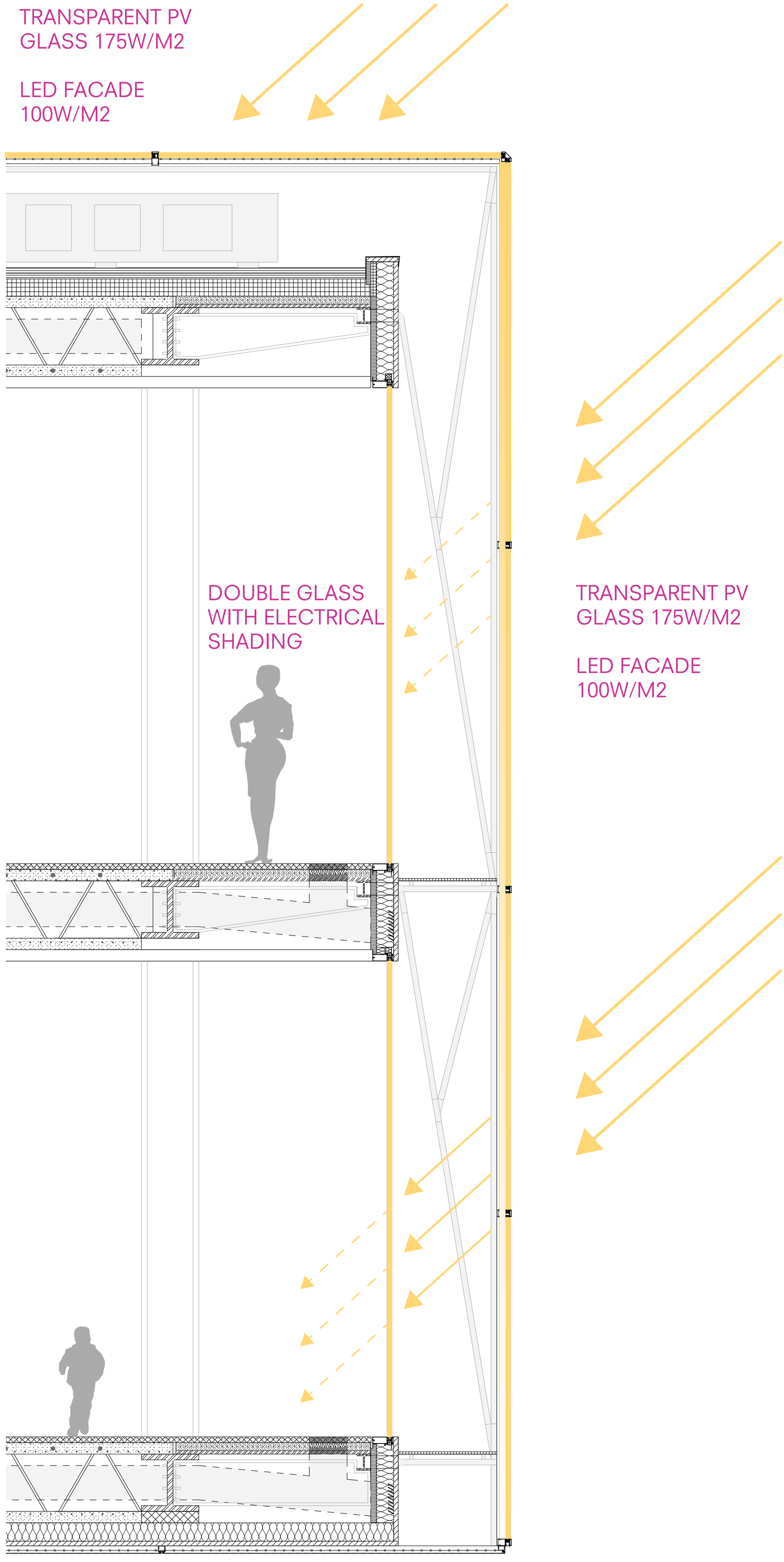
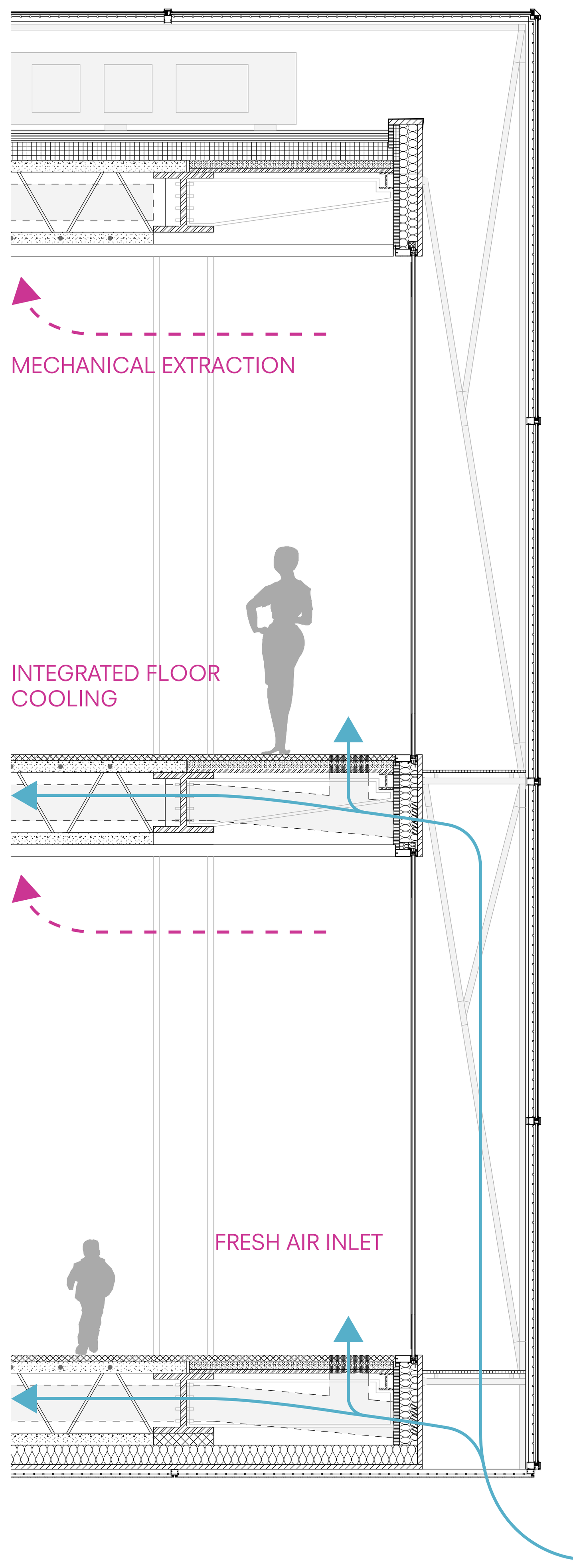
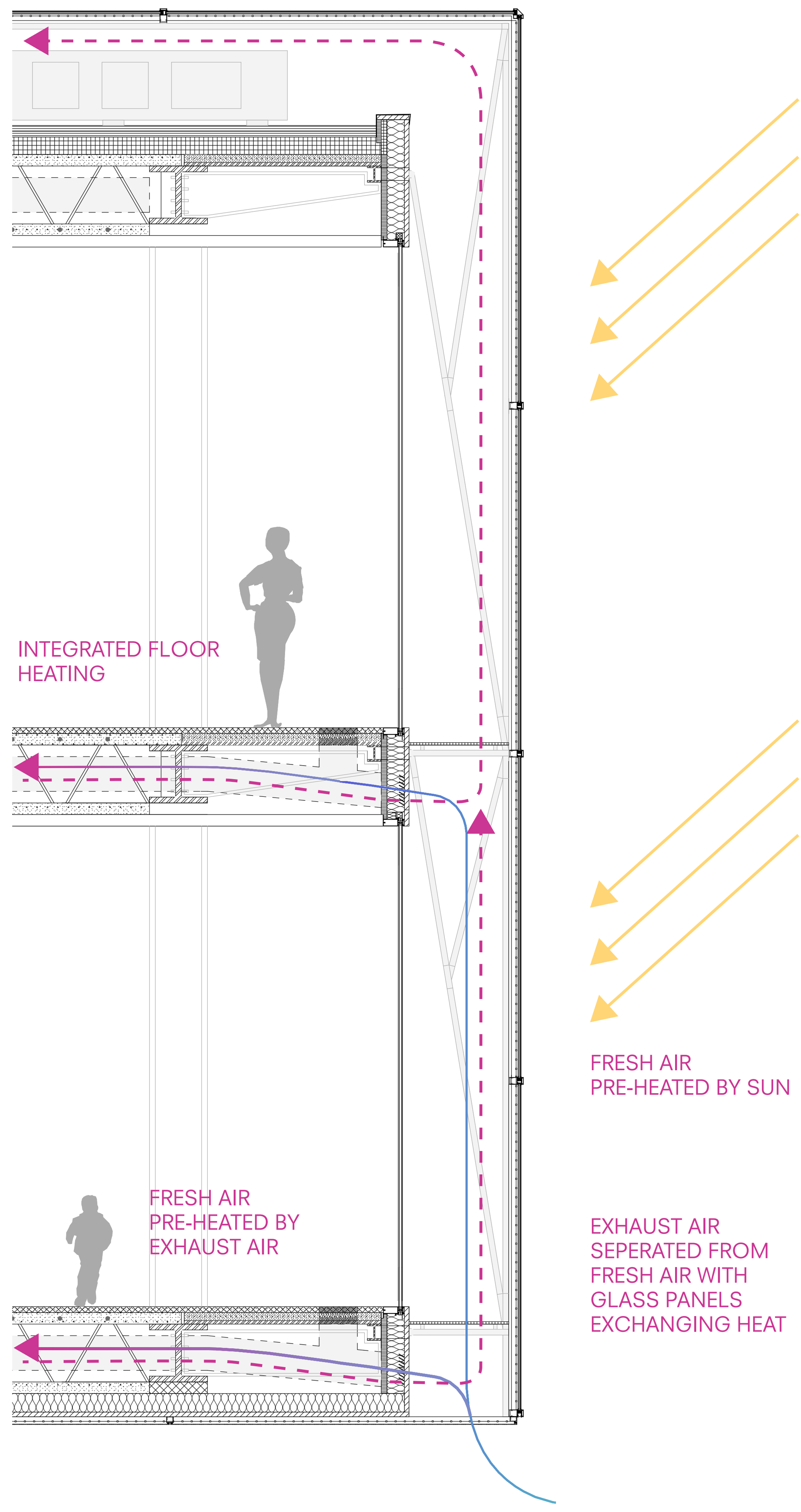


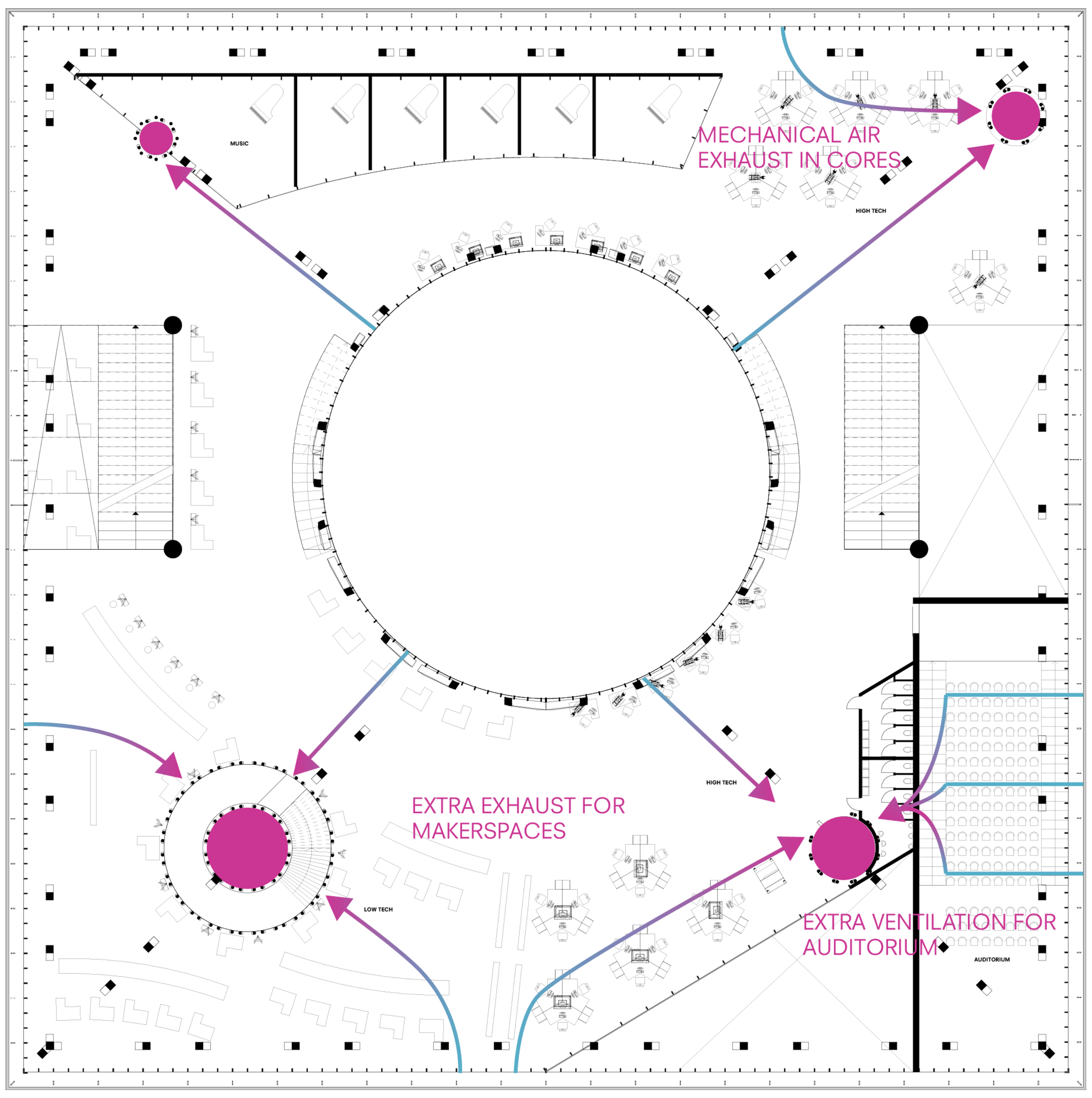
SHADING AND ENERGY PRINCIPLE



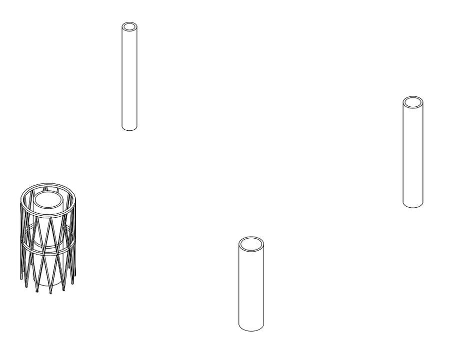
VENTILATION PRINCIPLE SUMMER



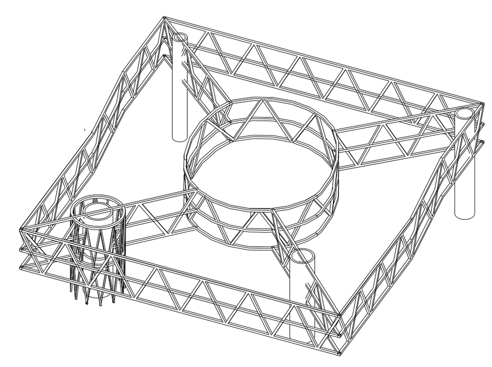
VENTILATION PRINCIPLE WINTER



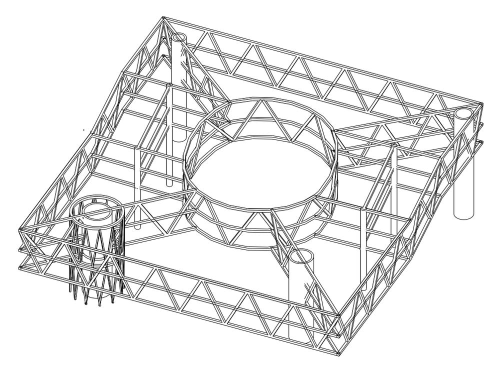
MECHANICAL EXTRACTION POINTS



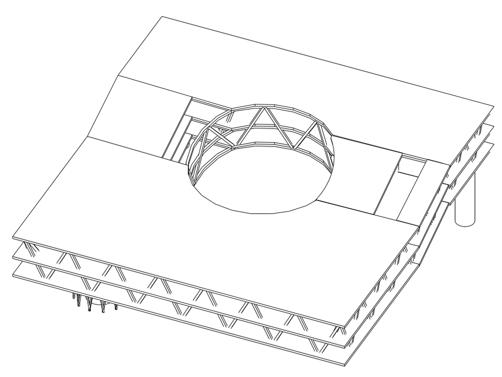
CORE CONSTRUCTION



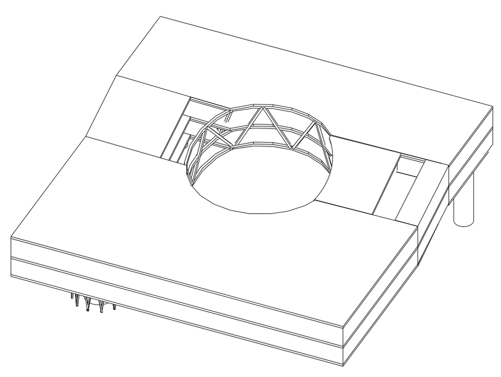
TRUSS CONSTRUCTIONS



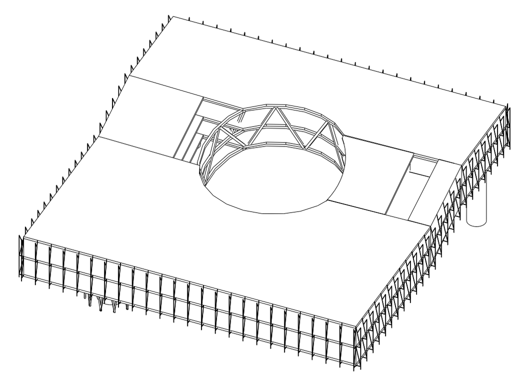
SECONDARY CONSTRUCTION



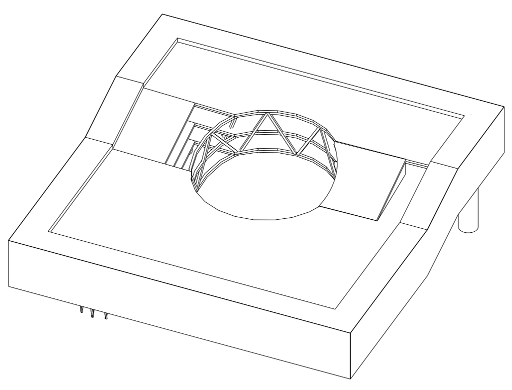
FLOOR IMPLEMENTATION



INNER FACADE PLACEMENT



SKIN FACADE CONSTRUCTION



FACADE PLACEMENT

CONSTRUCTION ORDER

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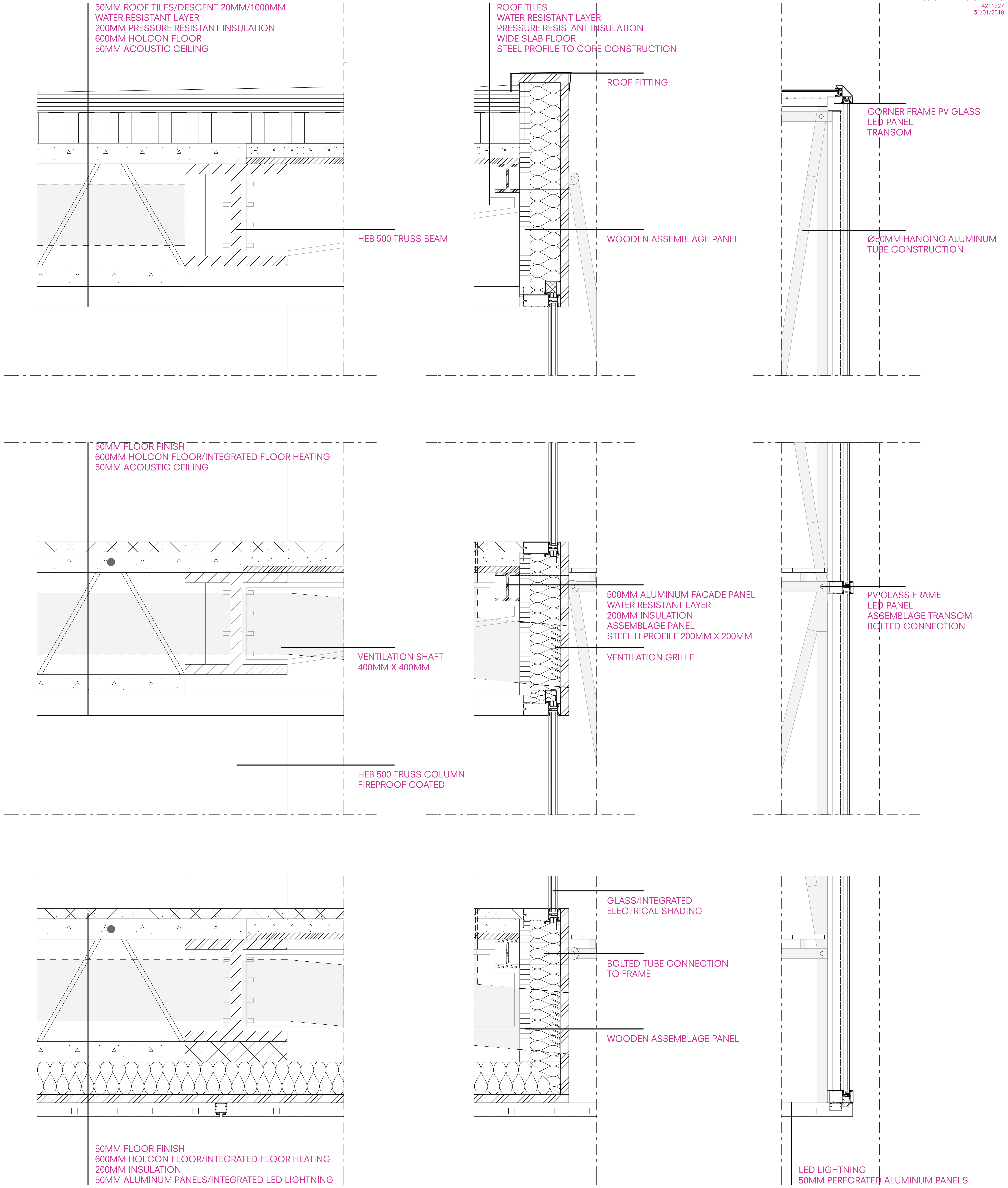
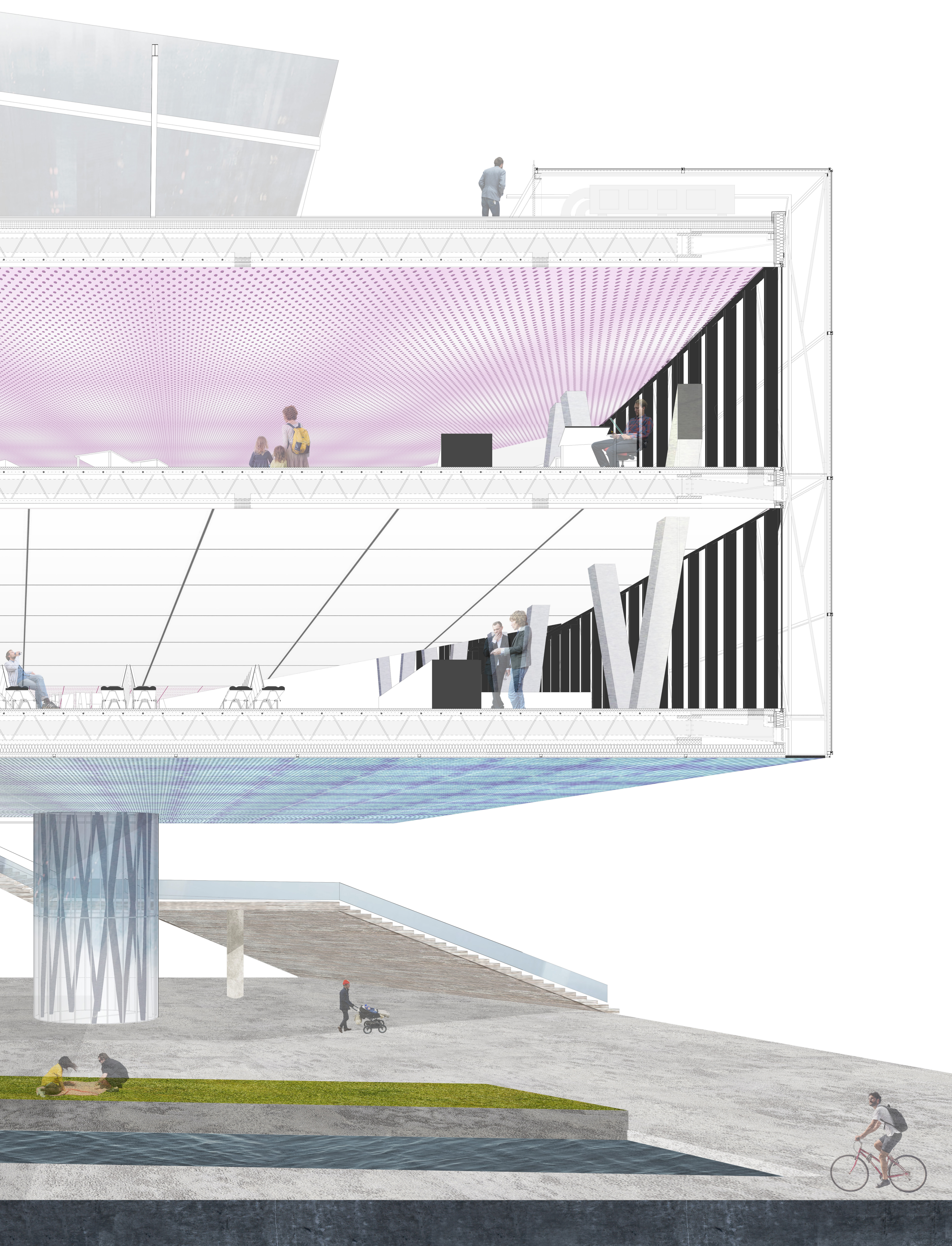
4211227
31/01/2018



1:10 FACADE DETAILS FROM FRAGMENT



1:50 FACADE FRAGMENT


AORTA
A NEW INCLUSIVE CENTER FOR AMSTERDAM OVERAMSTEL
SJOERD BOOMARS

AORTA

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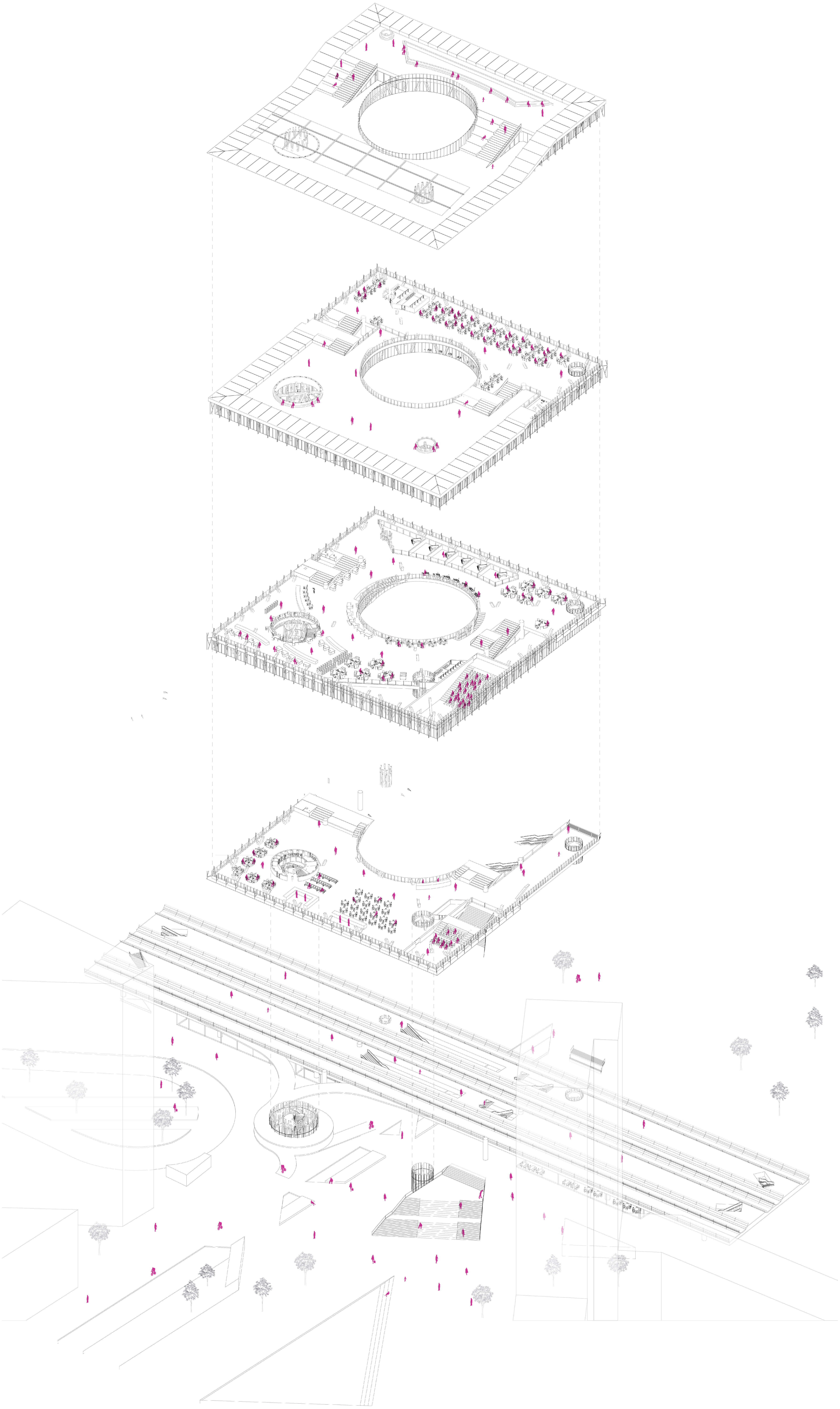


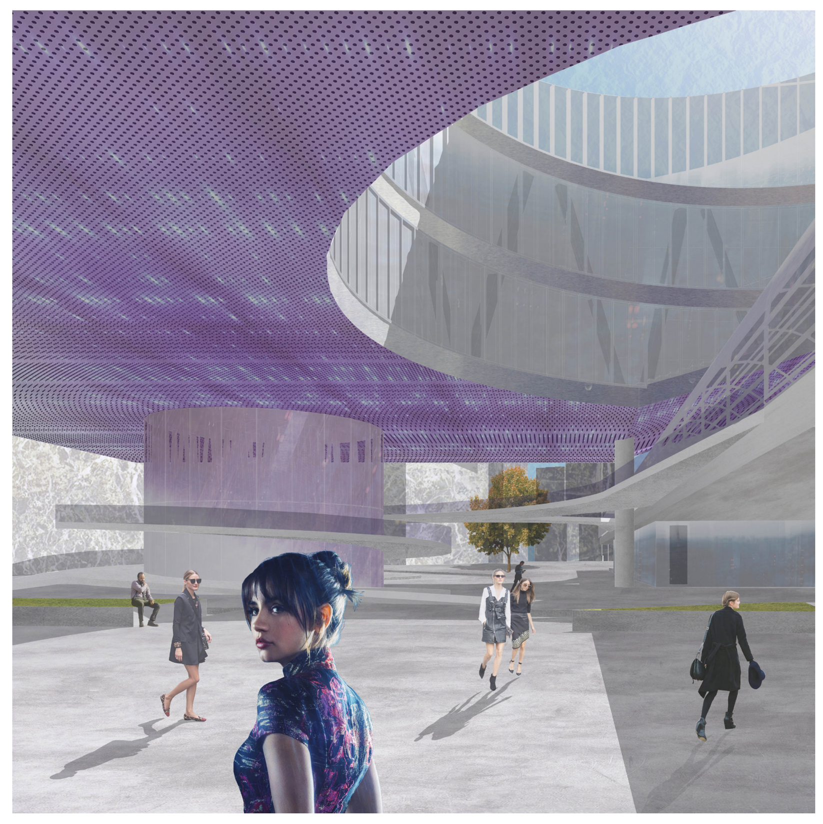



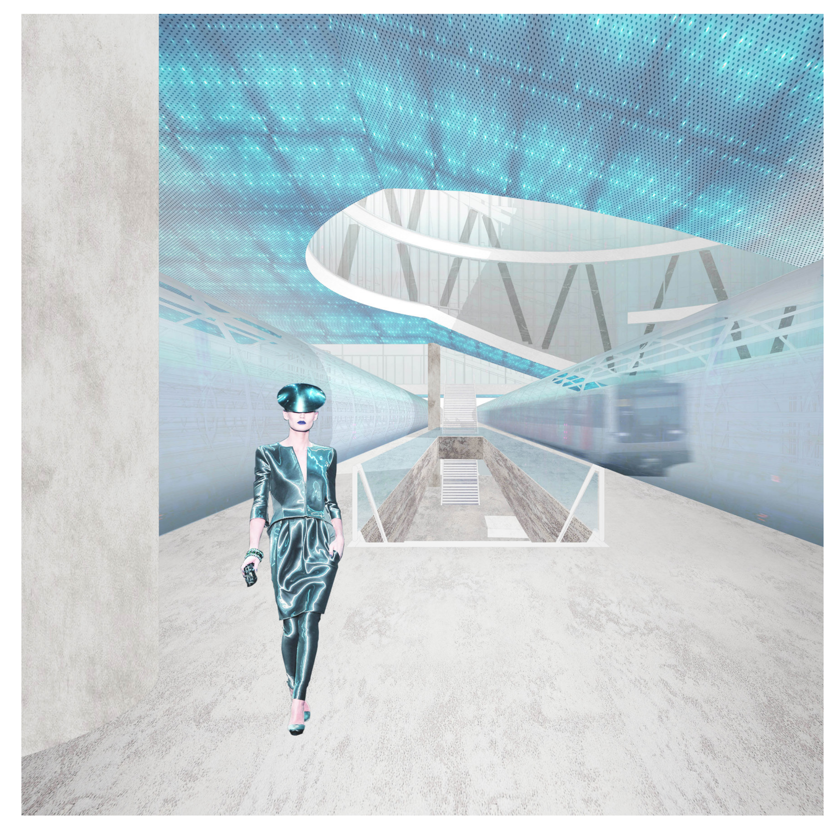

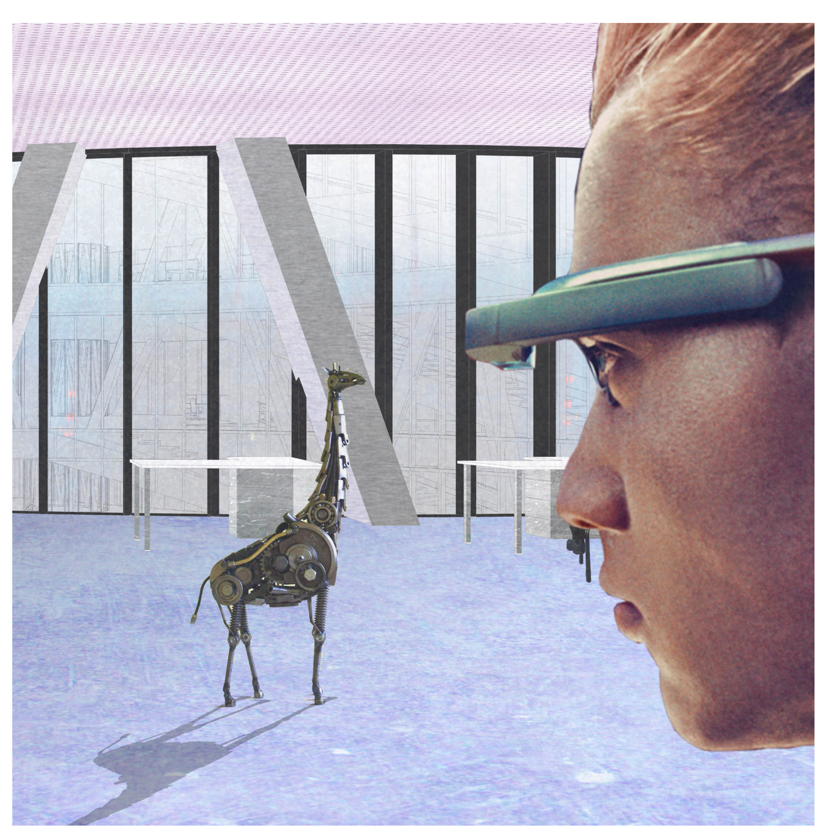

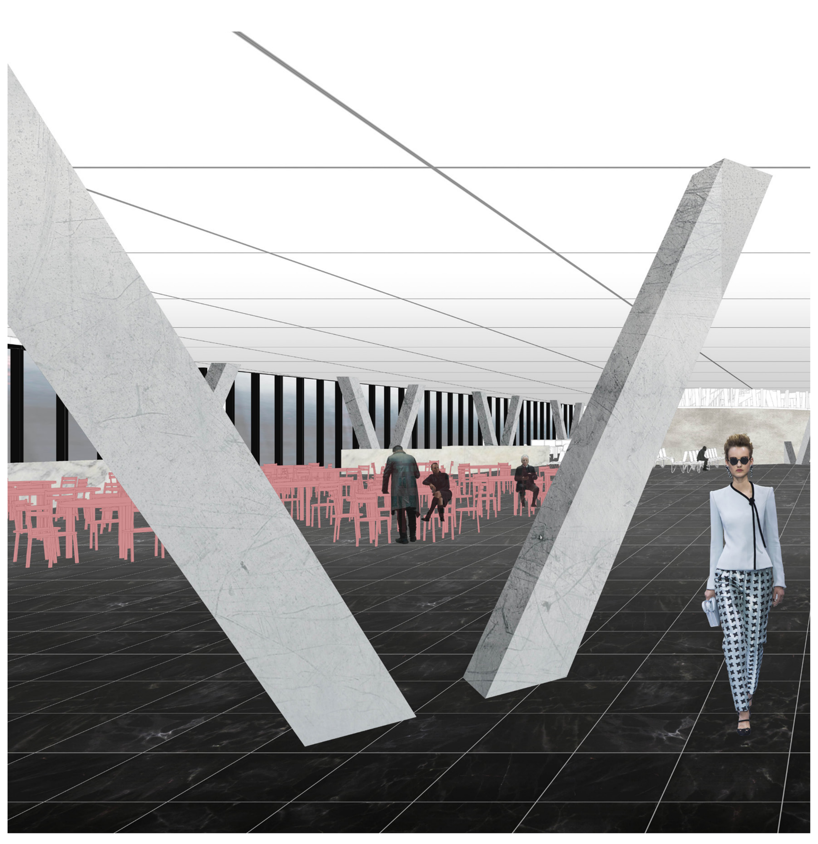

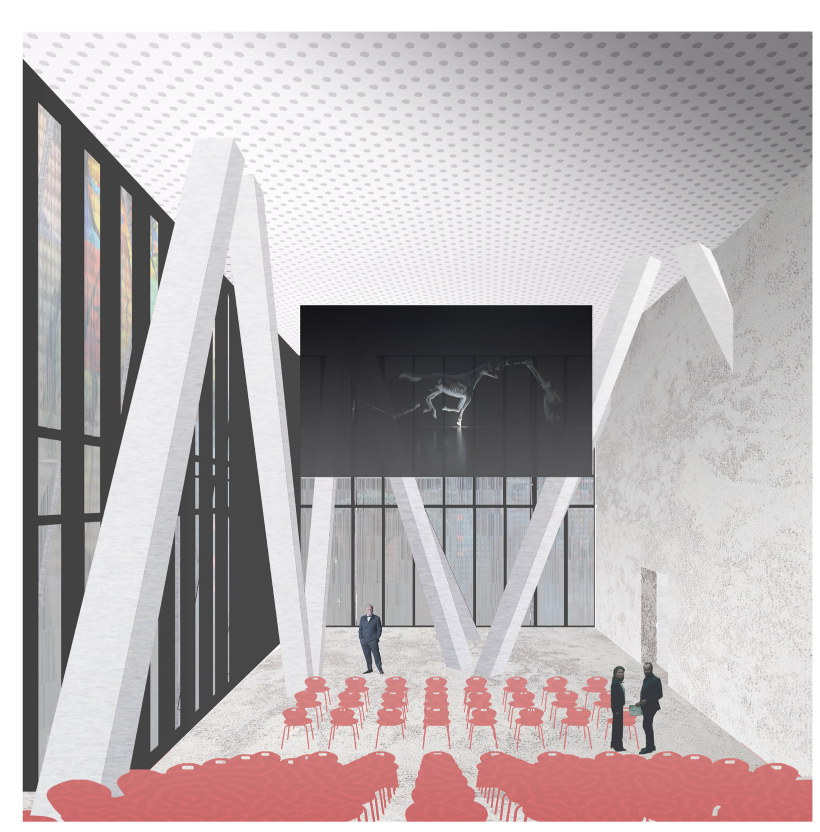

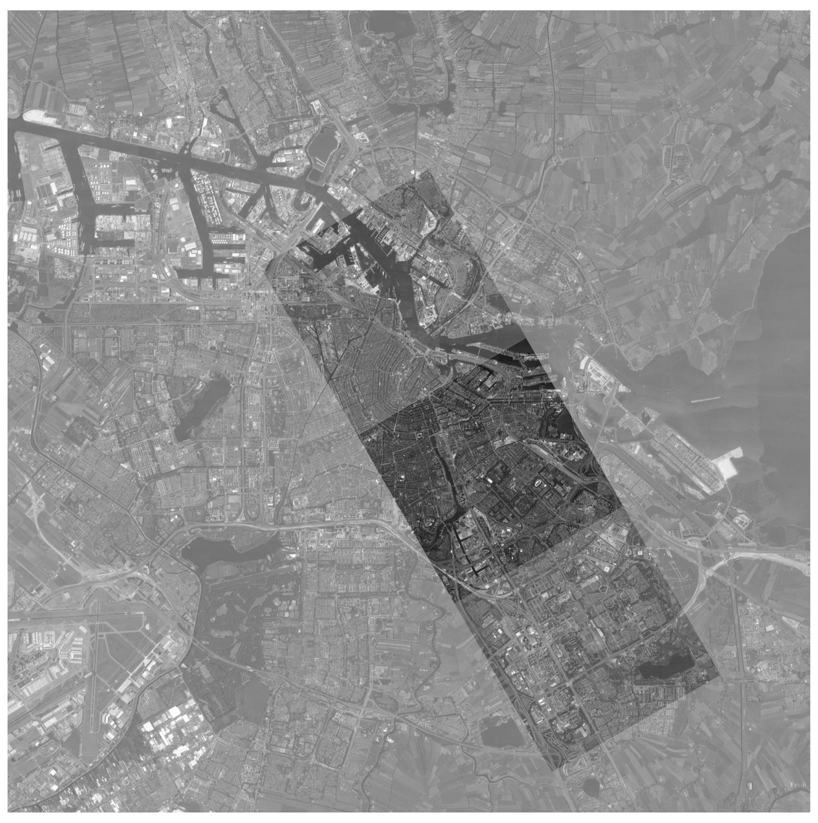

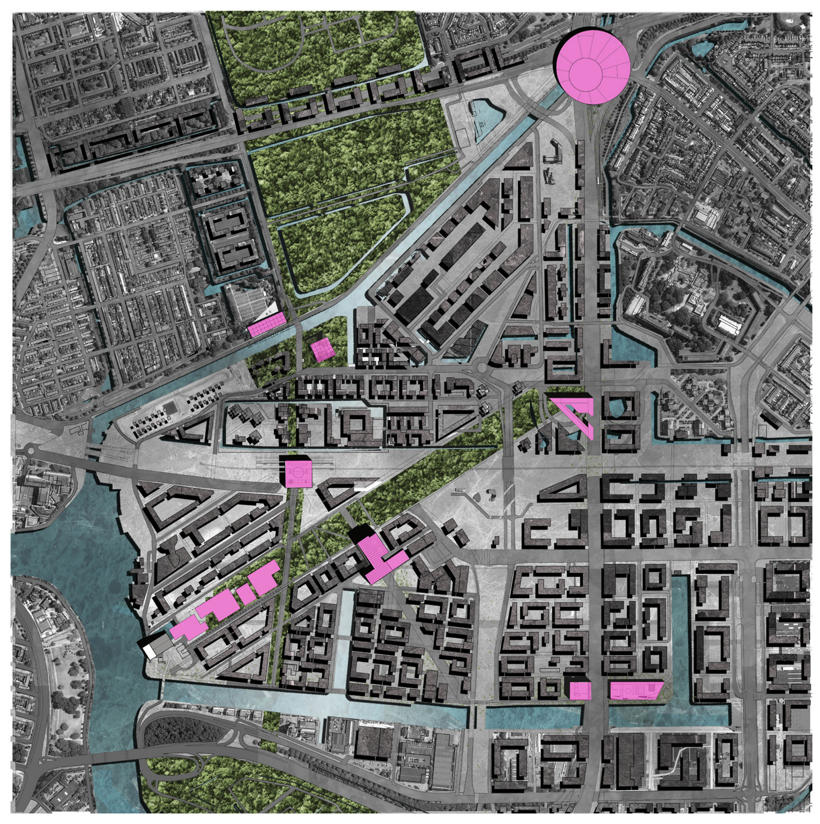

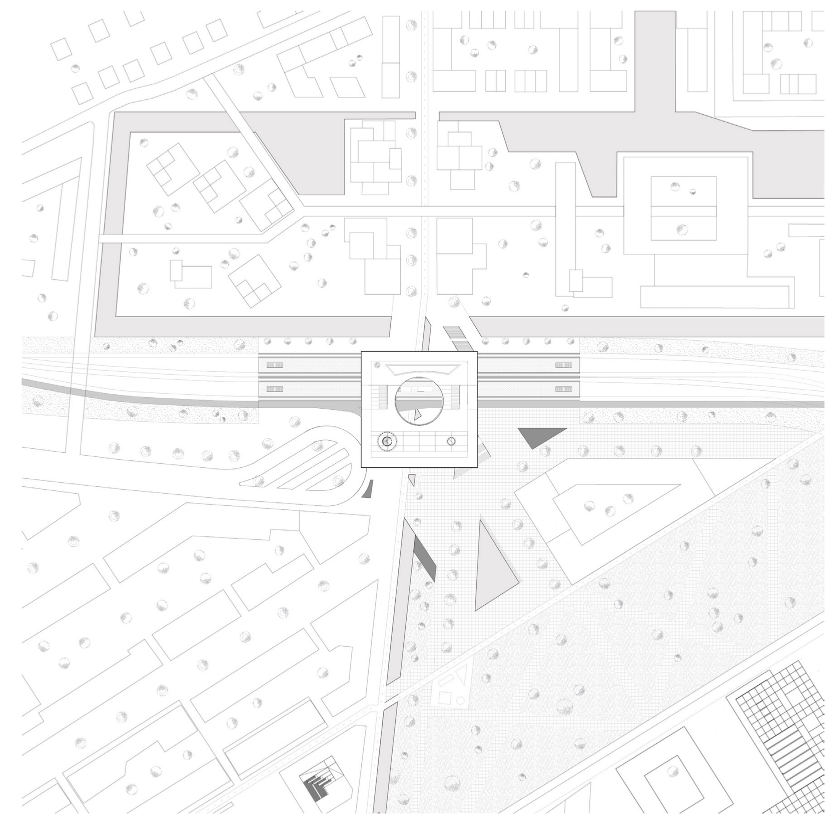

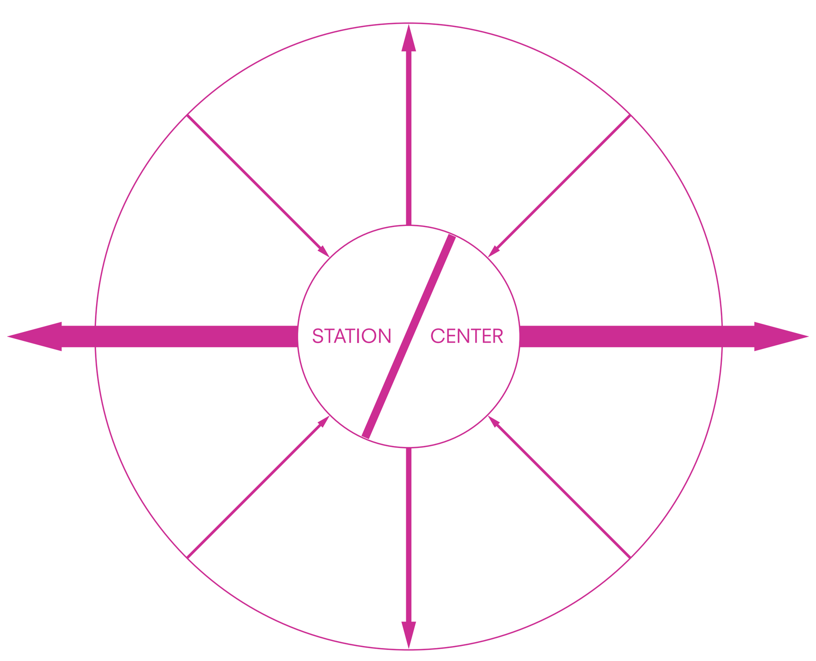

A O R T A

A NEW INCLUSIVE CENTER FOR AMSTERDAM OVERAMSTEL

SJOERD BOOMARS

2017/2018

AMSTERDAM OVERAMSTEL IS A SITE IN RAPID TRANSITION FROM AN AREA WHICH IS ANNO 2018 MAINLY FOCUSED ON LOW VALUE COMMERCIAL SPACES AND INFRASTRUCTURE. ESPECIALLY THIS INFRASTRUCTURE HAS A FRAGMENTING EFFECT ON THE LOCATION. THESE FRAGMENTS DO NOT HAVE CLEAR CONNECTIONS AND A HIERARCHY INBETWEEN. COMBINED WITH THE PLANNED DENSIFICATION THIS COULD LEAD TO SERIOUS NUISANCE AND POSSIBLY UNEQUAL DEVELOPMENT.

IN ORDER TO TACKLE THIS PROBLEM AND DENSIFY IN A SUSTAINABLE WAY NEW CONNECTIONS AND A NEW HIERARCHY HAS TO BE IMPLEMENTED. AORTA DOES THIS BY MAKING THE PUBLIC TRANSPORT HUB (A METRO STATION) THE CENTER TO THE NEWLY BUILD NEIGHBORHOOD. IN ORDER TO NOT JUST BE A MONOFUNCTIONAL HUB, THE STATION IS COMBINED WITH ANOTHER PUBLIC FUNCTION. IN THIS CASE A LIBRARY.

THE ENVELOPE OF A LIBRARY COMBINED WITH A STATION ASKS FOR A RECOGNIZABLE AND AUTONOMOUS BUILDING. THIS GOAL IS REACHED WITH THE FACADE AND SHAPE OF IT. THE FACADE IS CONSTRUCTED OF A LED SCREEN ALL AROUND WITH A GRADIENT IN IT. THIS WAY THE PUBLIC FUNCTIONS INSIDE STILL HAVE A NICE VIEW OVER THE LOCATION AND THE SQUARE IN FRONT.