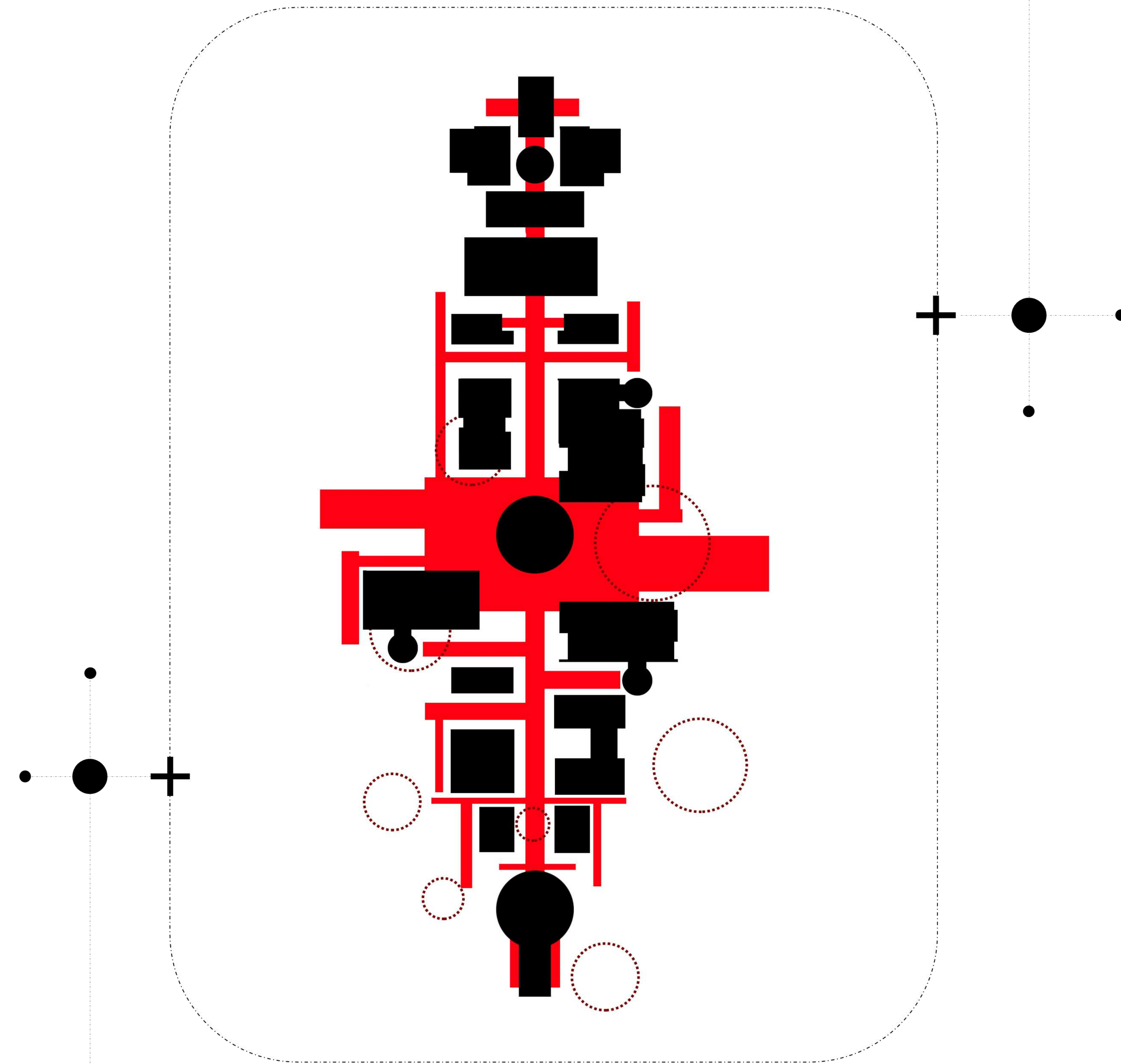


PEOPLE • PLACE • TECHNOLOGY



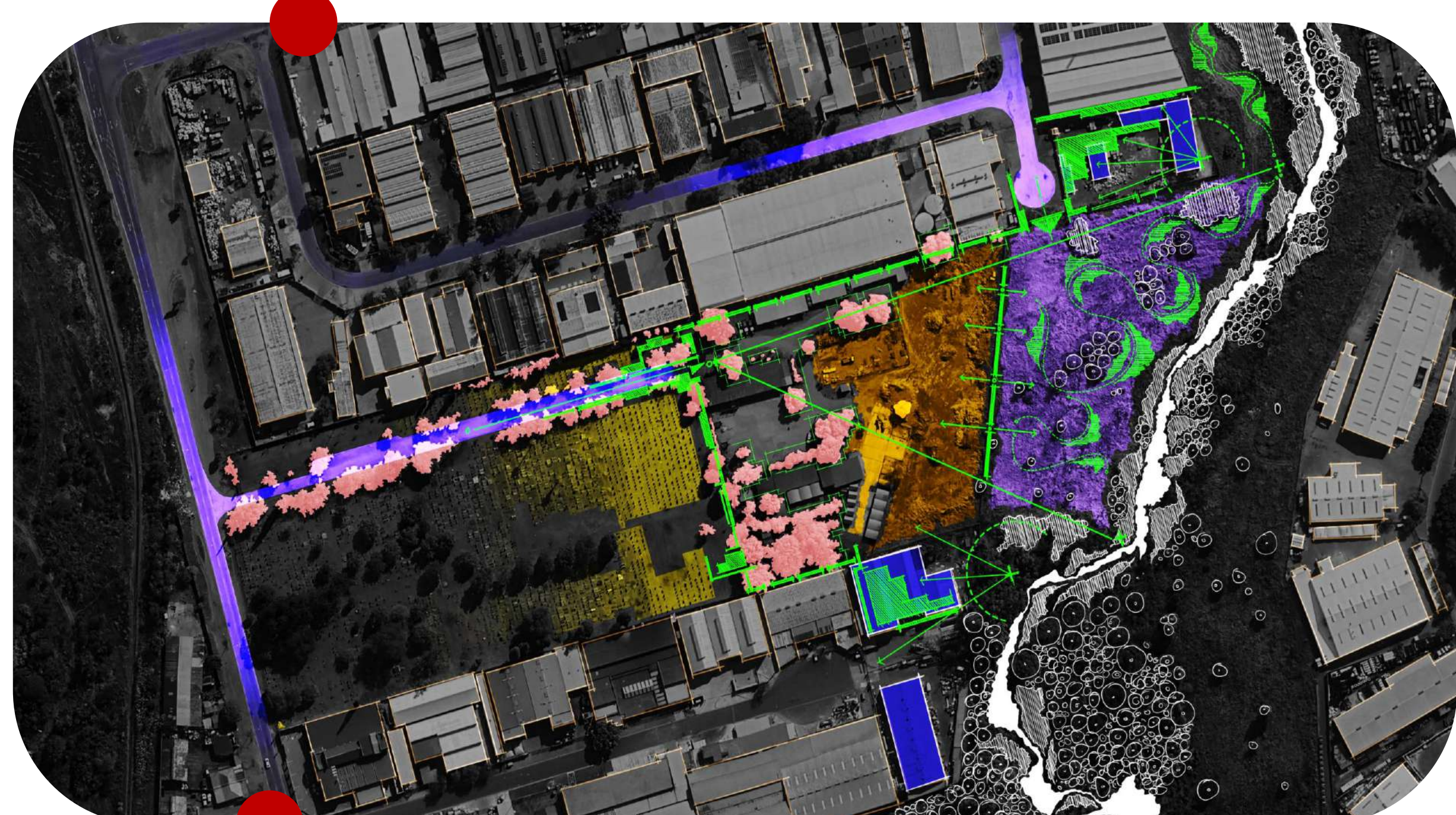
FLAVIO DOS SANTOS
U18034960
CO-ORDINATOR – JAN HUGO
SUPERVISOR – COBUS BOTHMA
DPD 801

SITE LOGIC

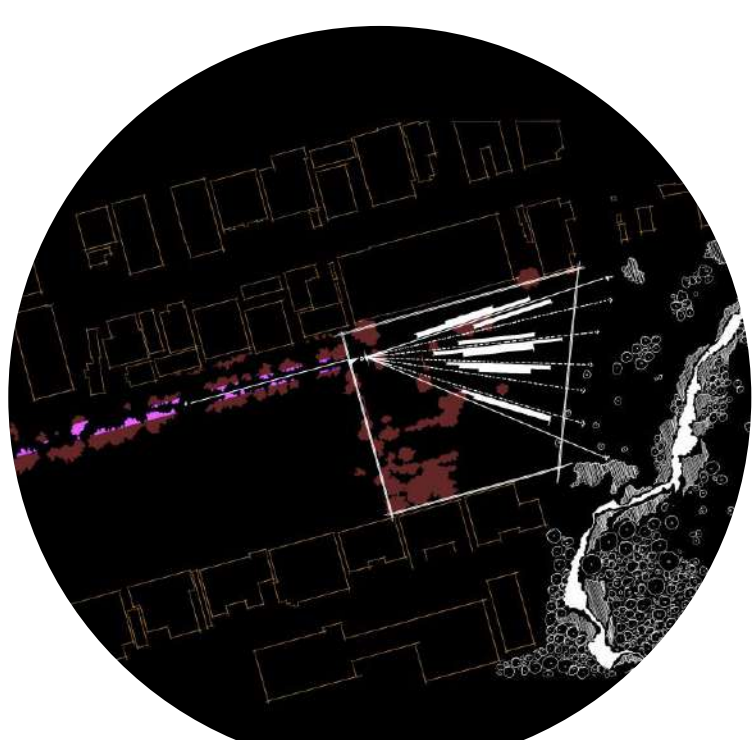
URBAN VISION



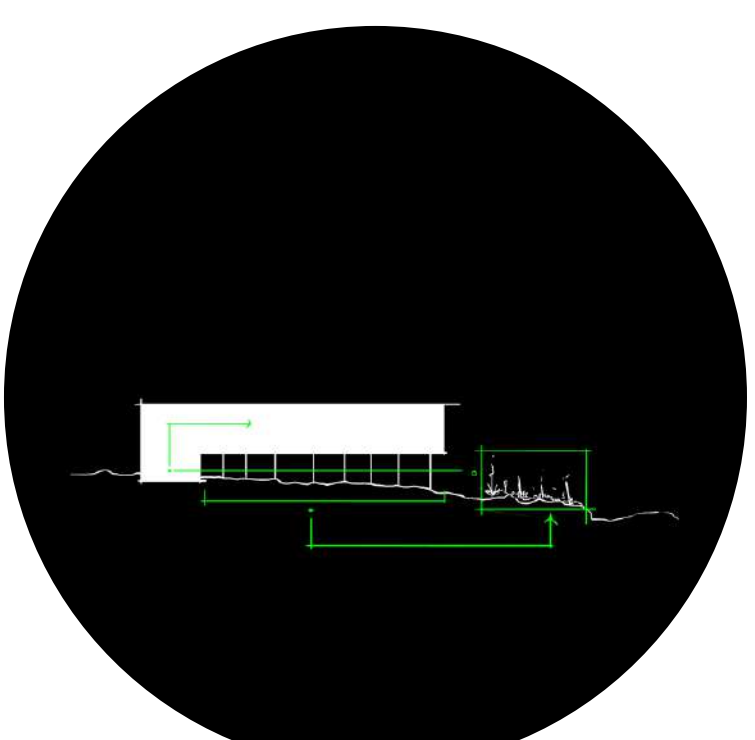
- EXISTING ACCESS
- PROPOSED ACCESS POINTS
- RESIDENTIAL AREA TO CONNECT WITH (SOCIAL INTEGRATION)
- EXISTING INDUSTRIAL EDGE
- INDUSTRIAL EDGE OF SIGNIFICANCE
- GREENSPACE BOUNDARY



SINUOUS LINE



FEATHERING BUILDINGS



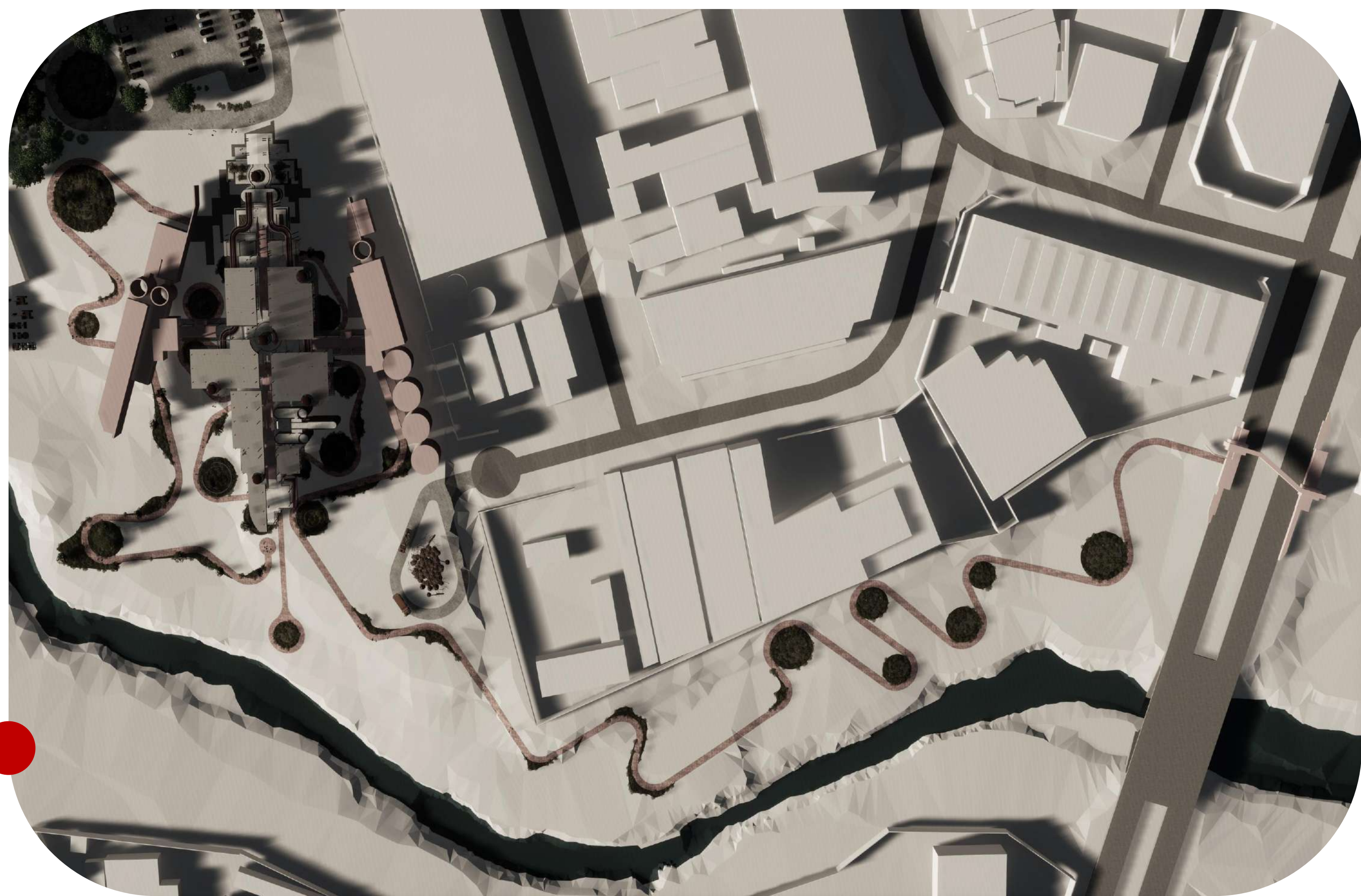
ECOLOGICAL INTEGRATION

MOVEMENT PLAN

SCALE 1:1000

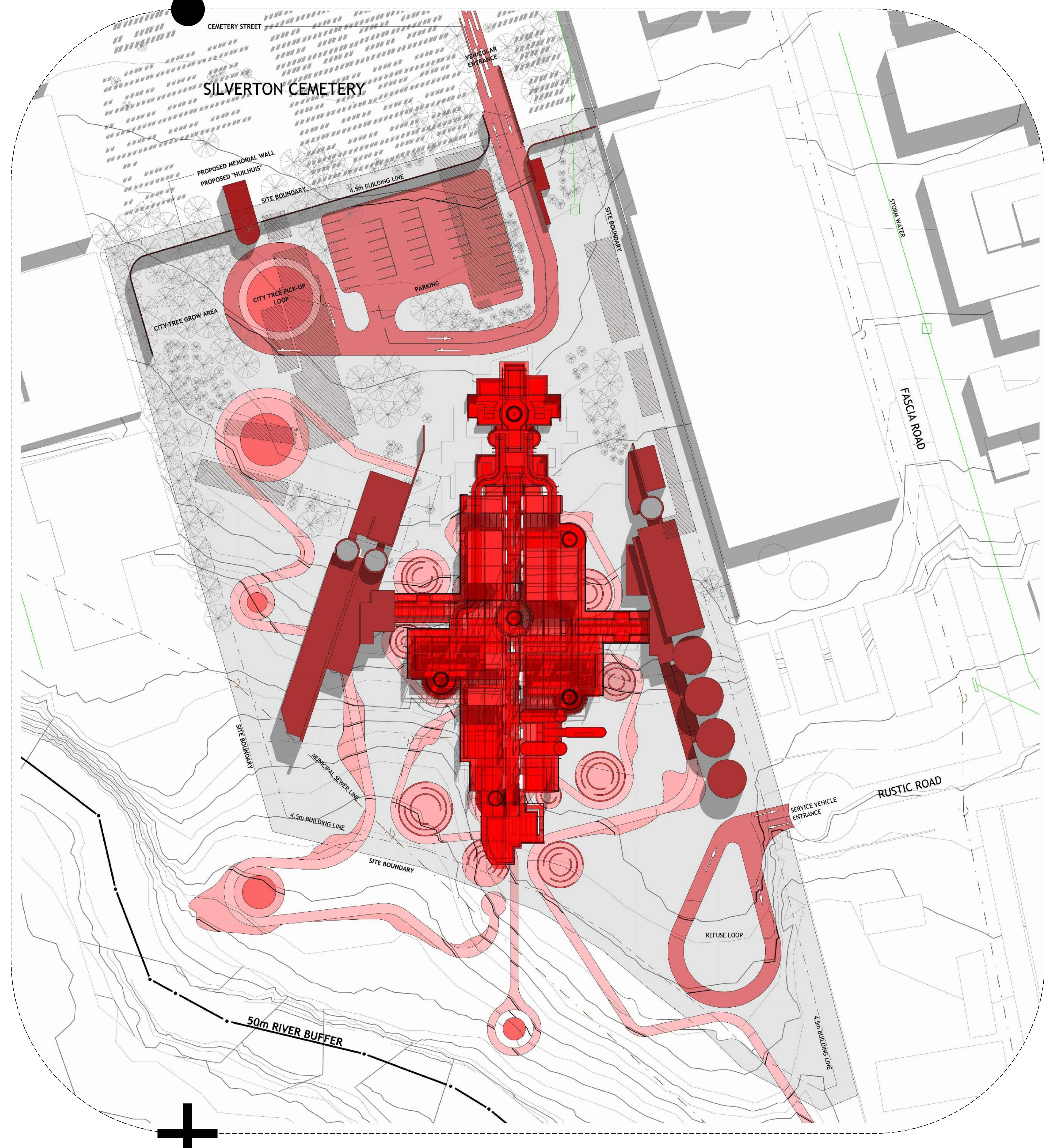


- ARCHITECTURAL INTERVENTION
- PEDESTRIAN MOVEMENT
- SITE BOUNDARY
- FOCUS MOVEMENT FOR DEVELOPMENT
- ON-SITE VEHICULAR MOVEMENT

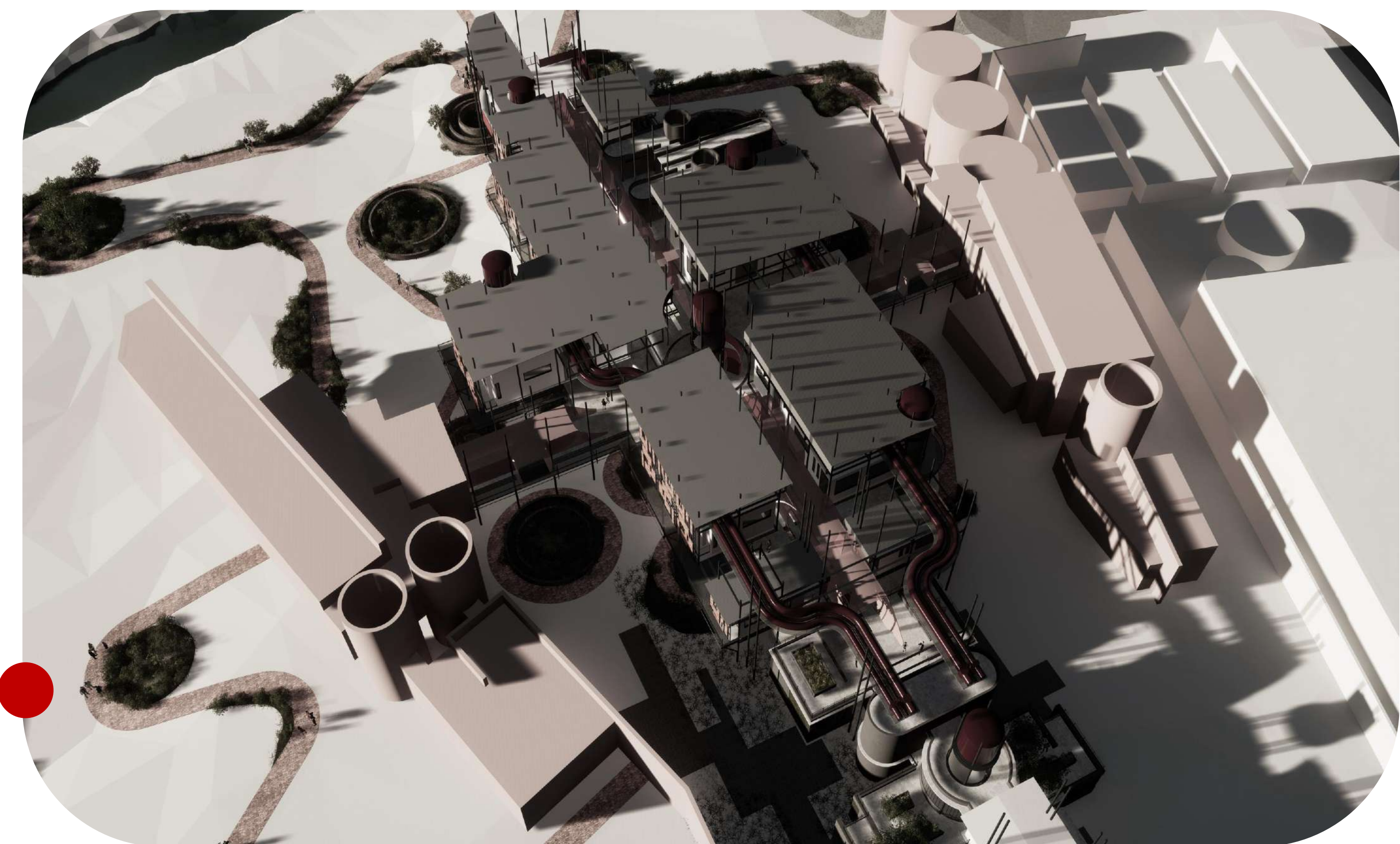


SITE PLAN

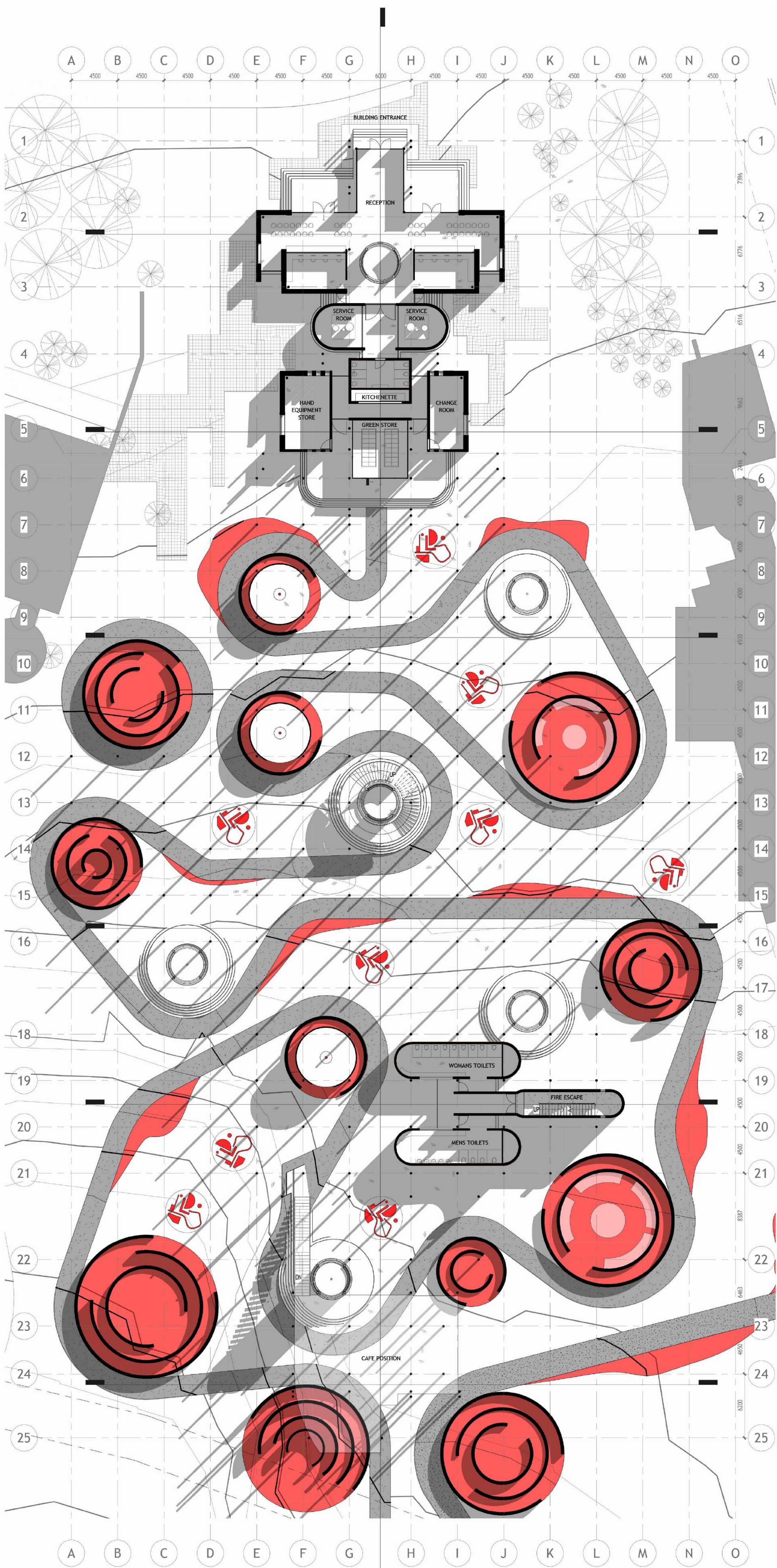
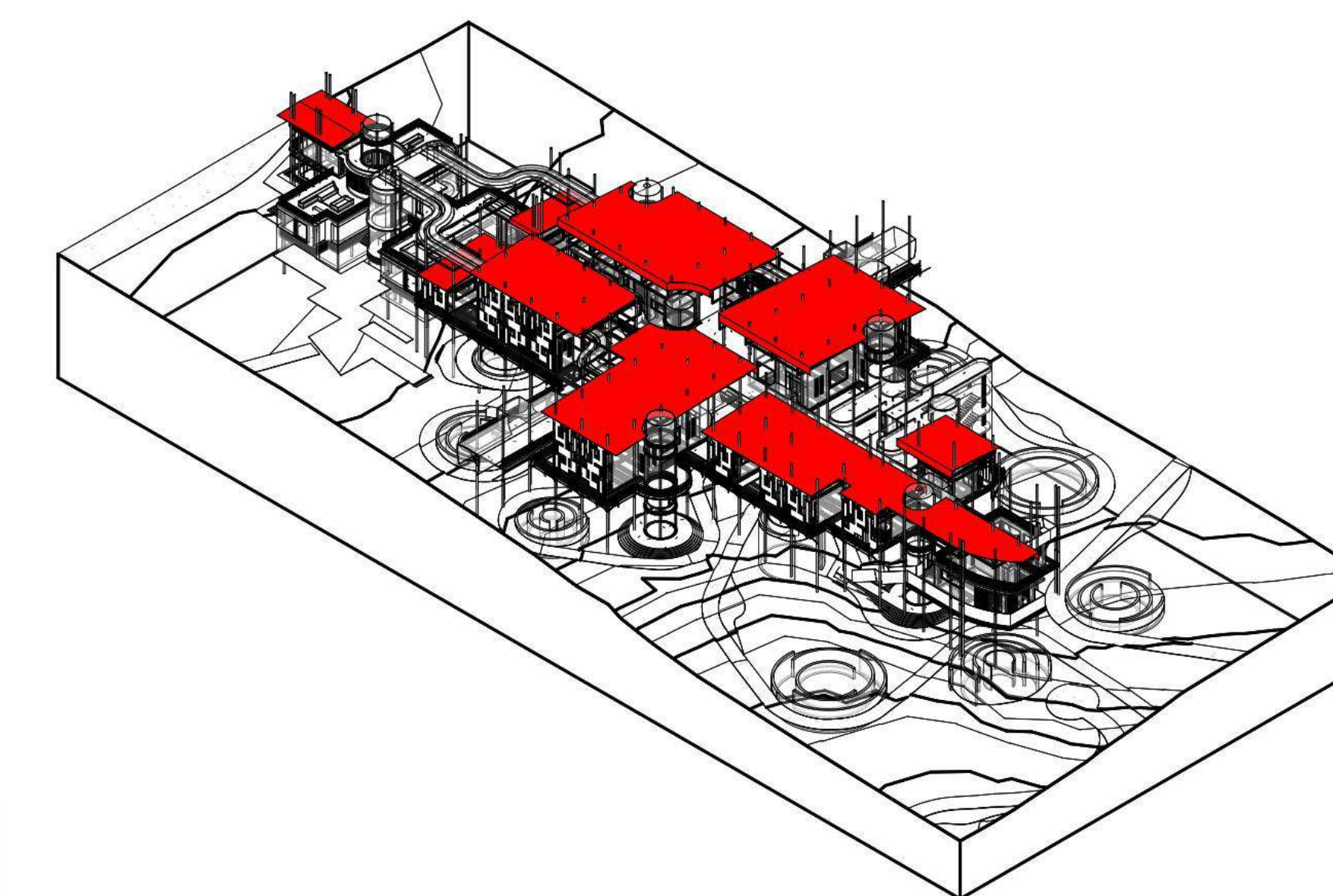
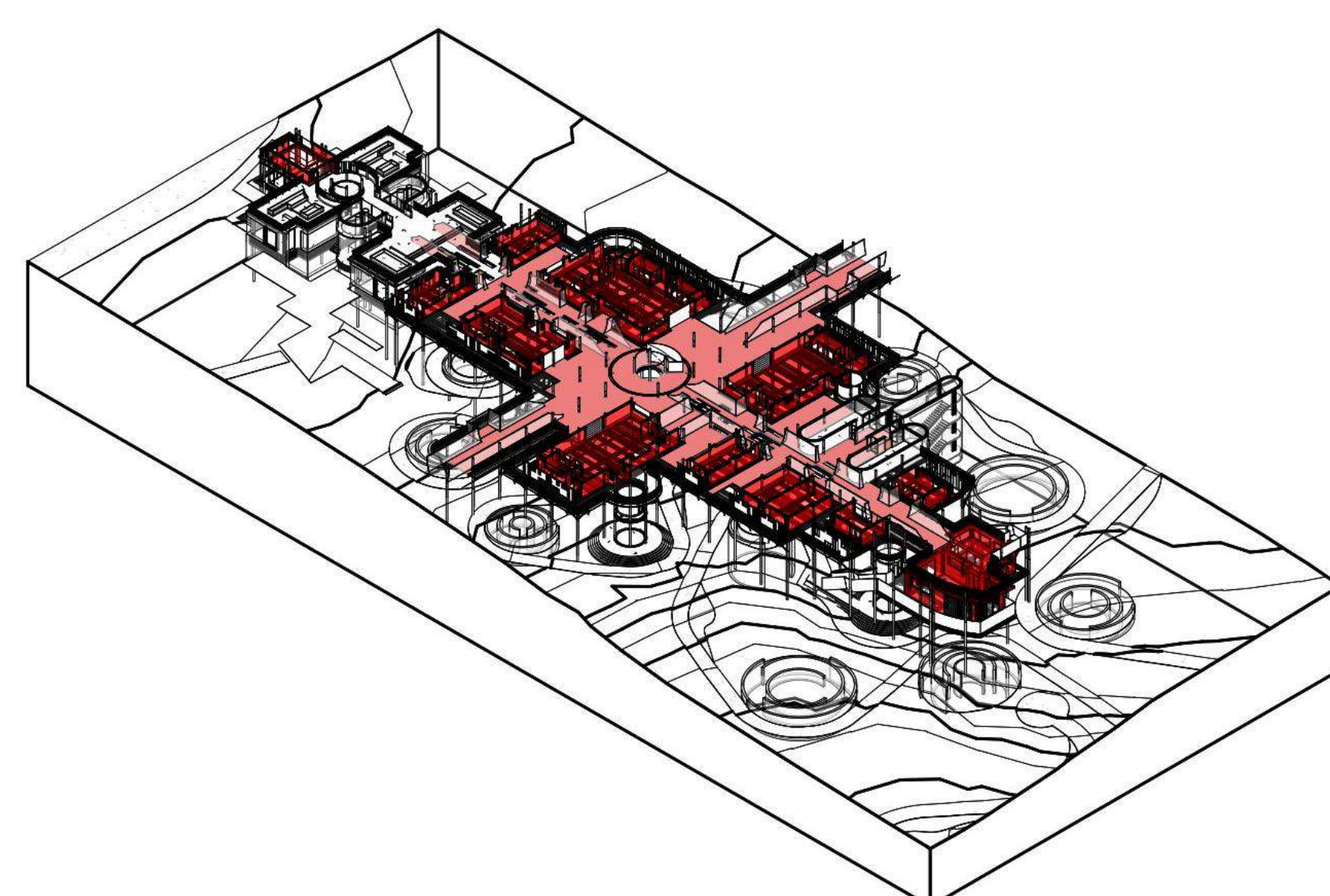
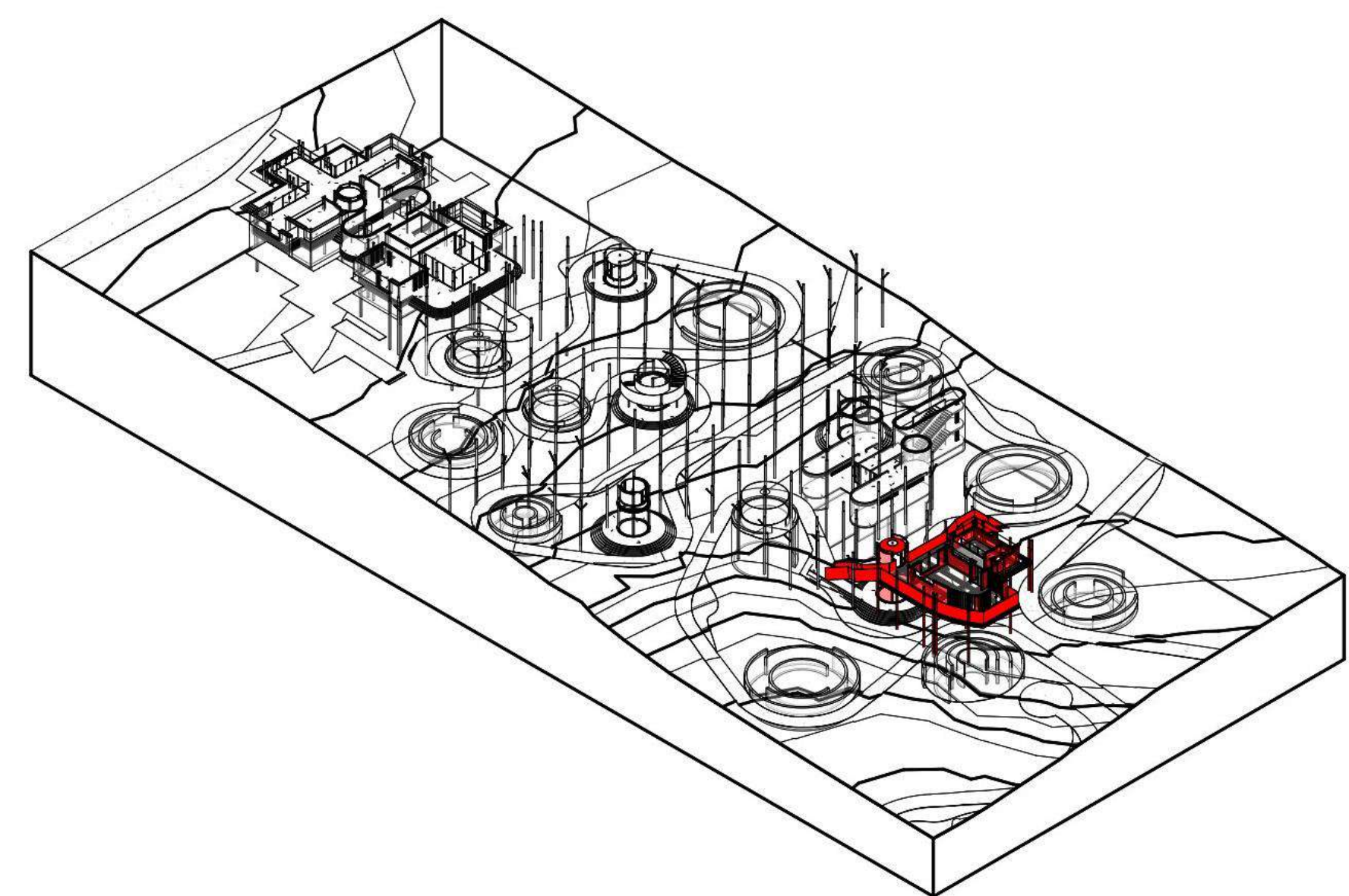
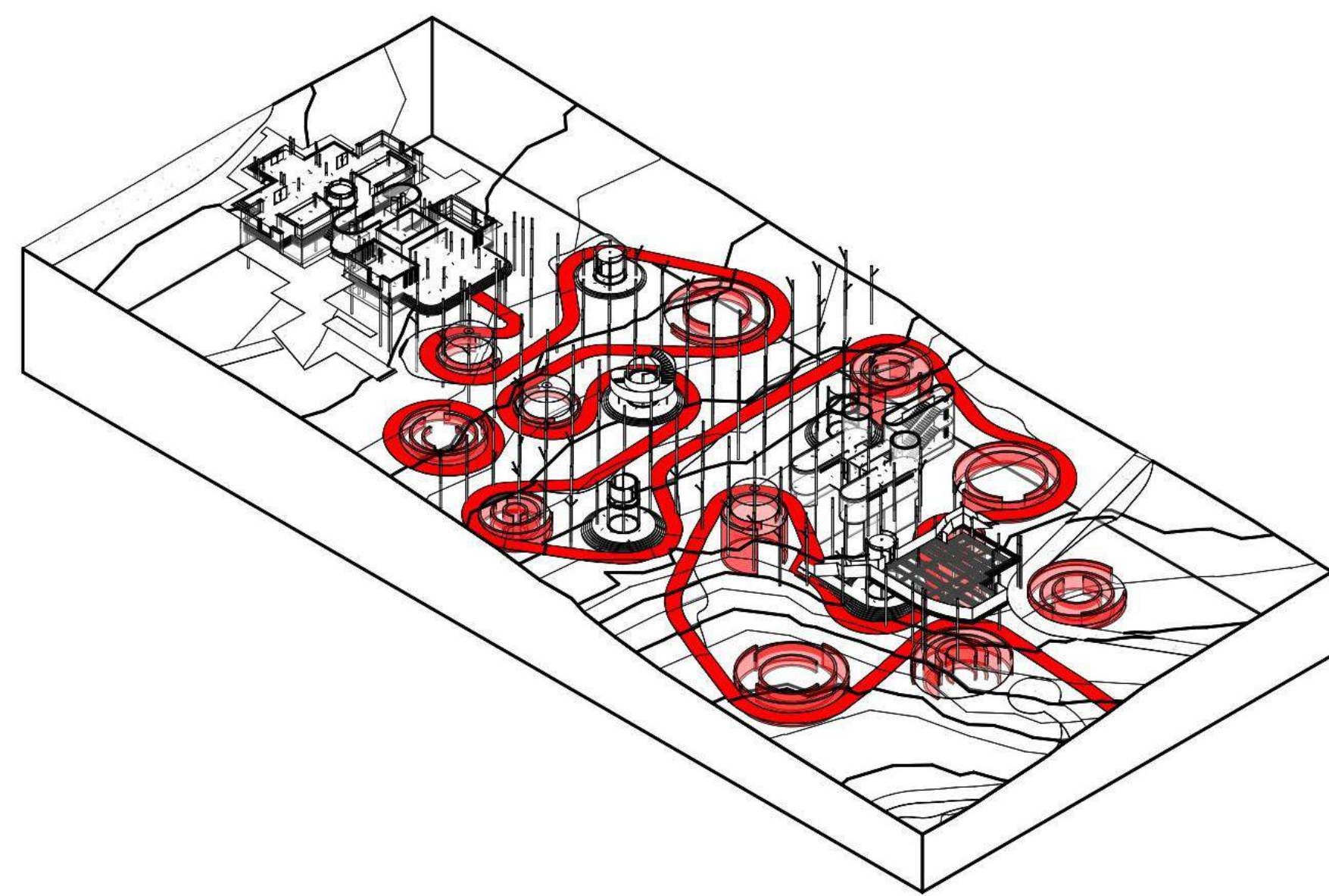
SCALE 1:1000



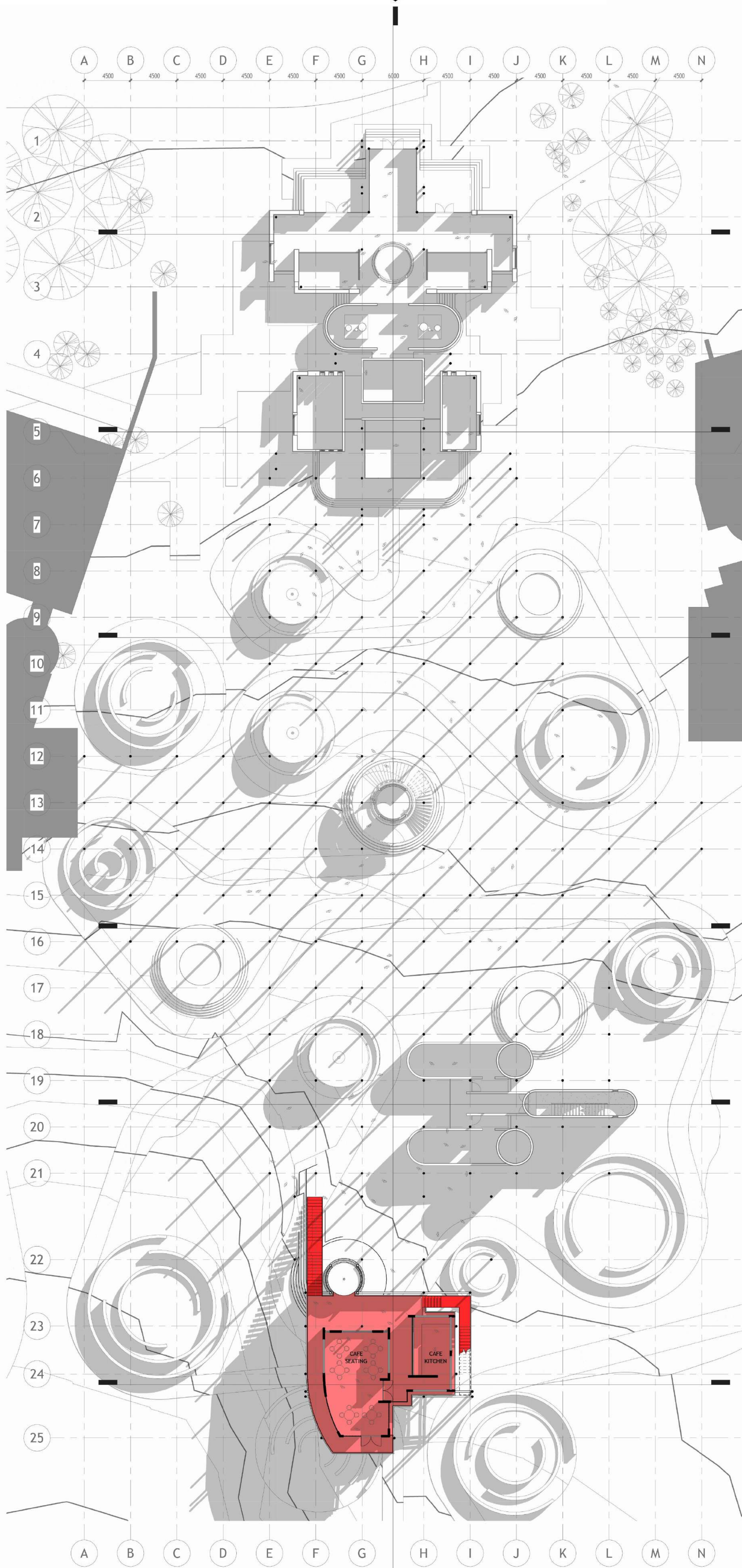
- FOCUS BUILDING – MATERIAL RESEARCH CENTER RESPONSIBLE MATERIAL DEVELOPMENT IN THE REALM OF BIO-INTEGRATION
- RIGHT – MIXED USE BUILDING RESERVED FOR ON-SITE EDUCATIONAL FACILITIES AND MATERIAL STORE
- LEFT – MIXED USE BUILDING RESERVED FOR SOFT RESEARCH, CLIENT CONSULTATIONS, DISPLAY SPACES, AND ONSITE ACCOMMODATION
- PEDESTRIAN MOVEMENT
- 50 METER RIVER BUFFER



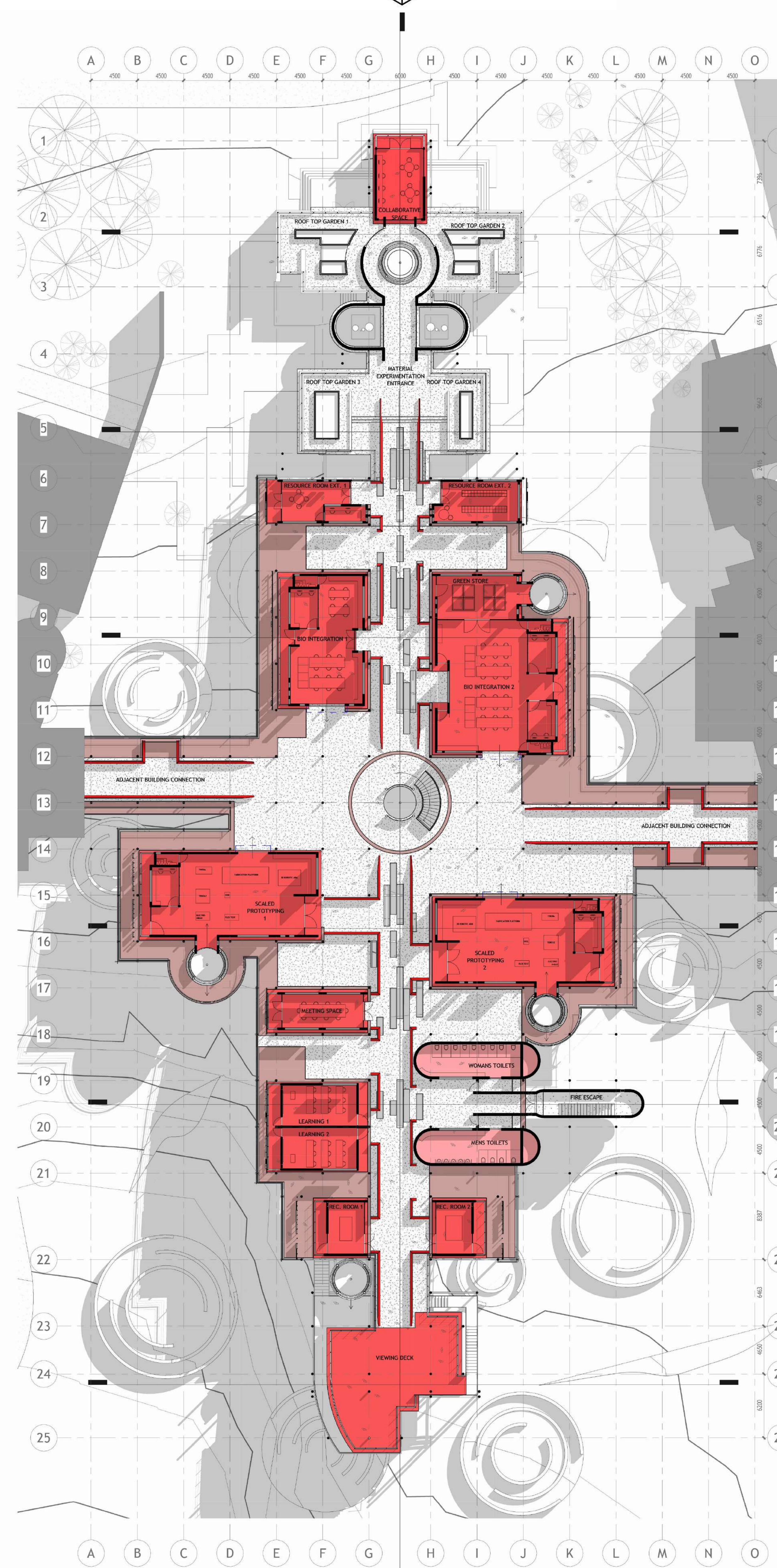
PLAN SET



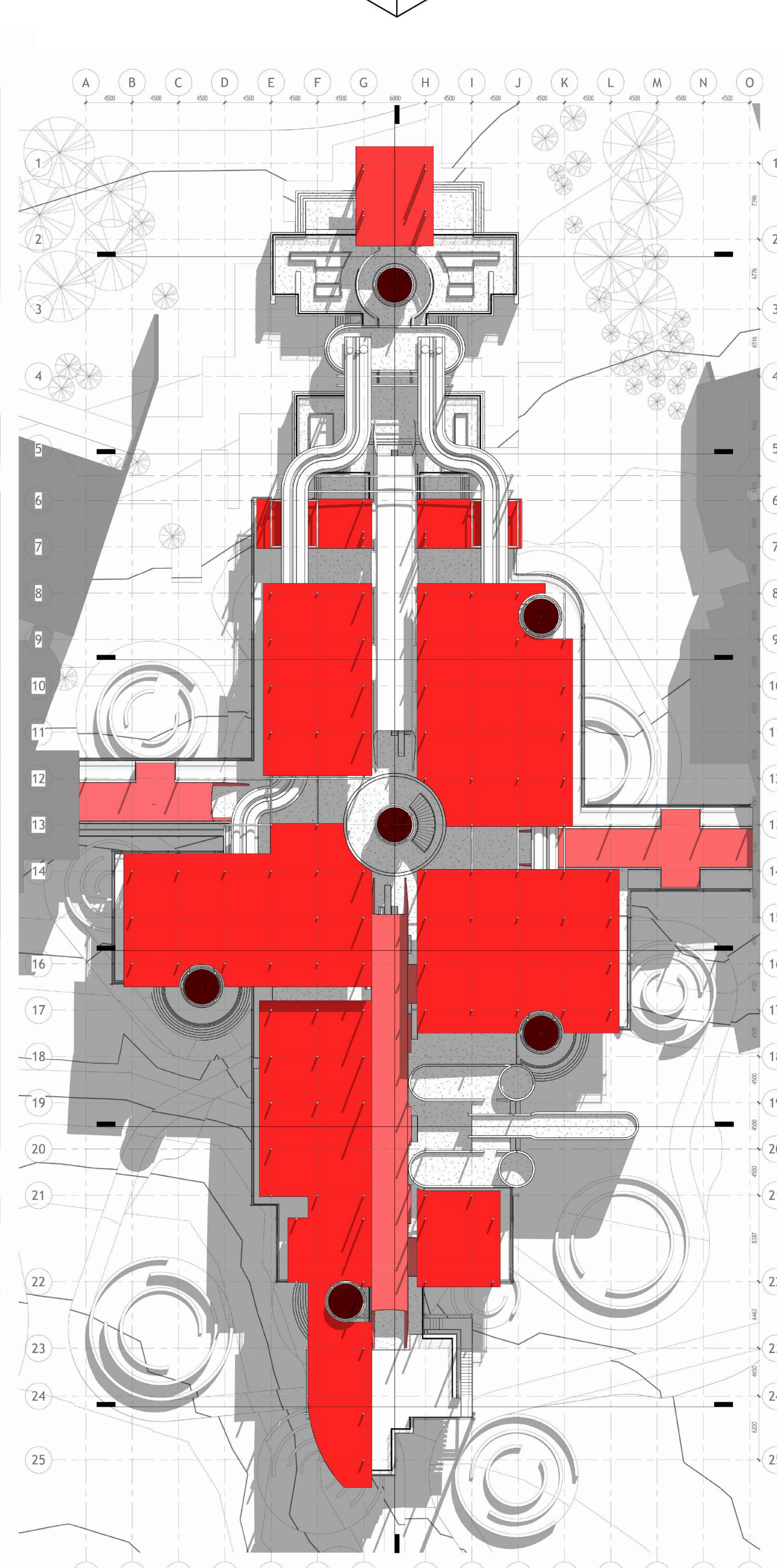
GROUND FLOOR PLAN
SCALE 1:200



FIRST FLOOR PLAN
SCALE 1:200



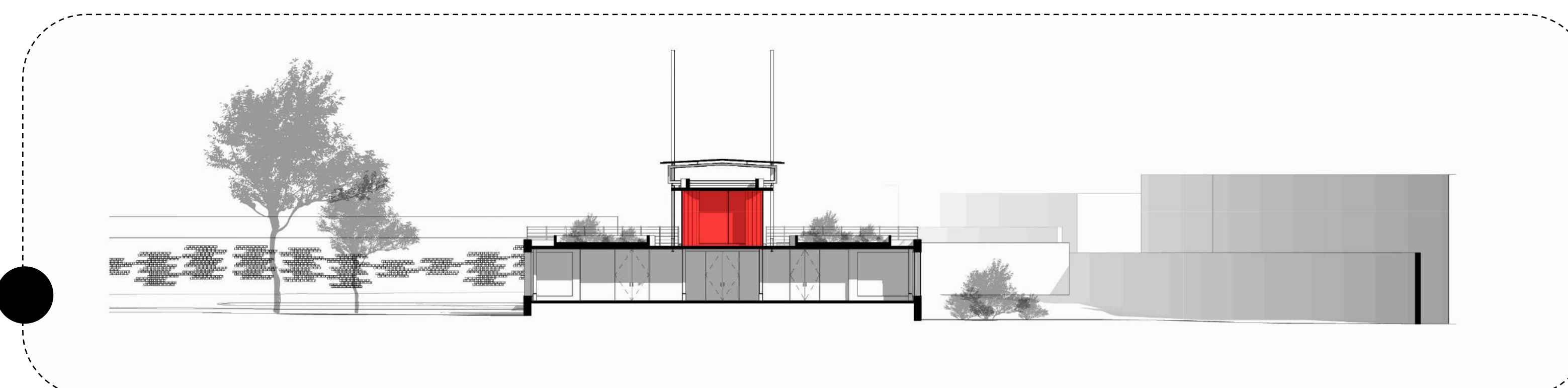
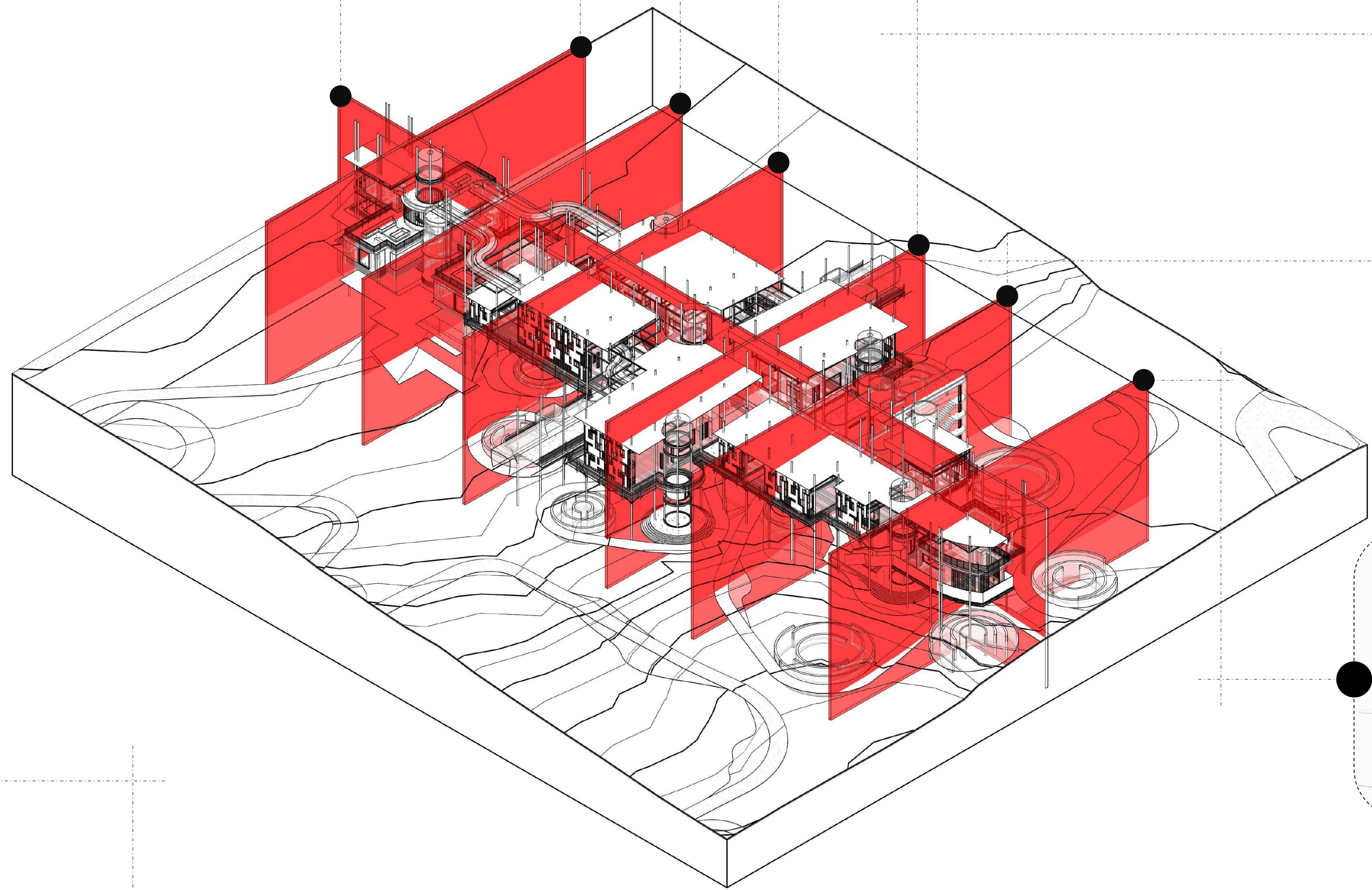
SECOND FLOOR PLAN
SCALE 1:200



ROOF PLAN
SCALE 1:200

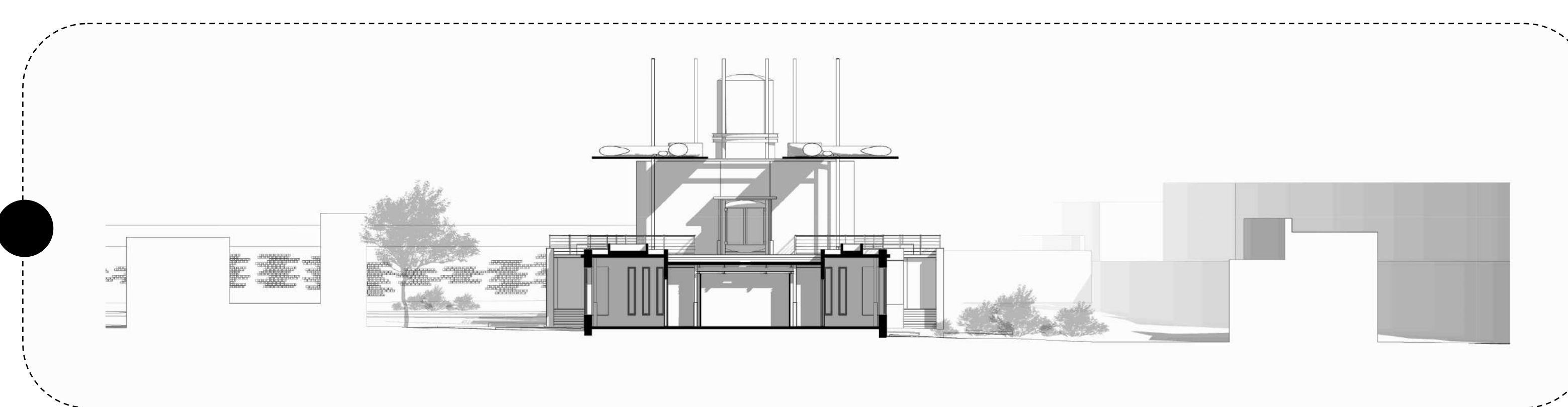


SECTION SET



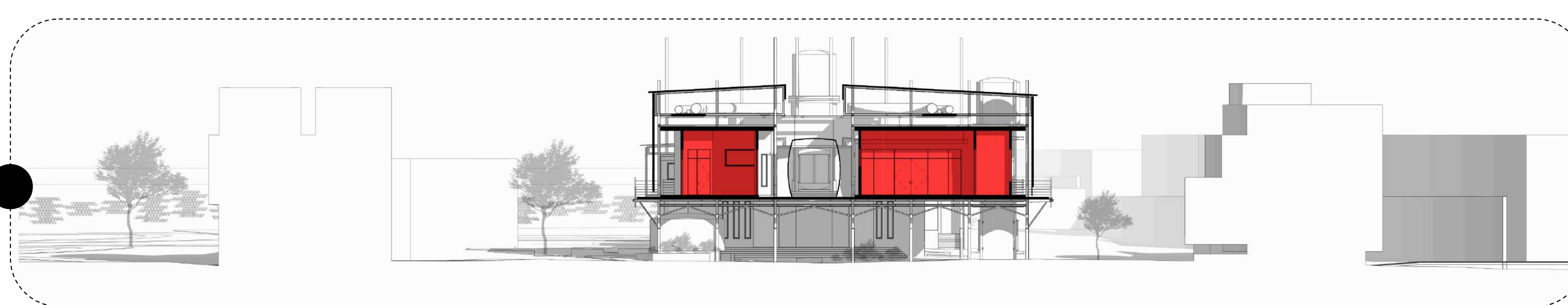
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01 - RECEPTION
SCALE 1:200



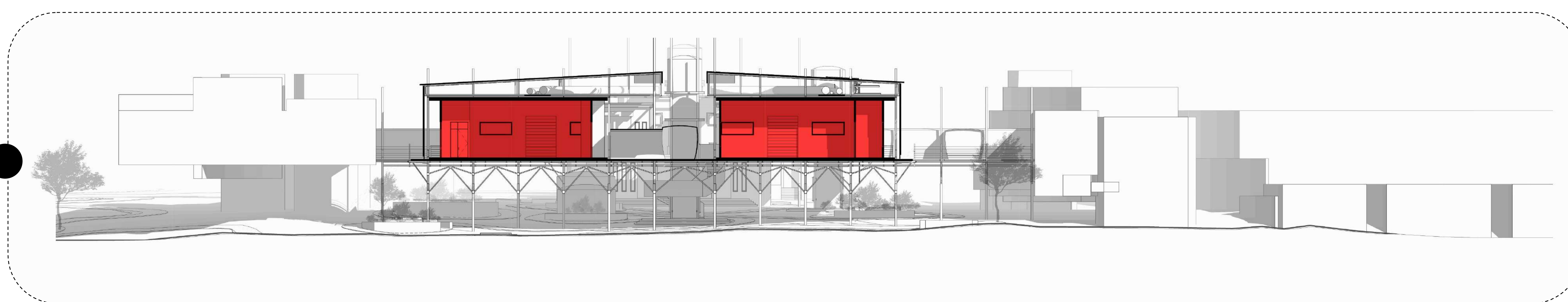
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02 - GREEN
PROCESSING
SCALE 1:200



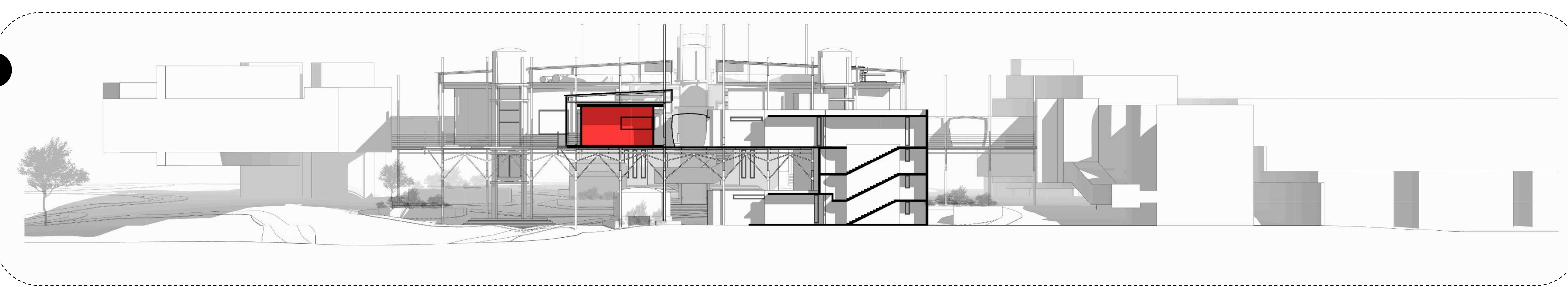
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03 - BIO -
INTEGRATION
LABS
SCALE 1:200



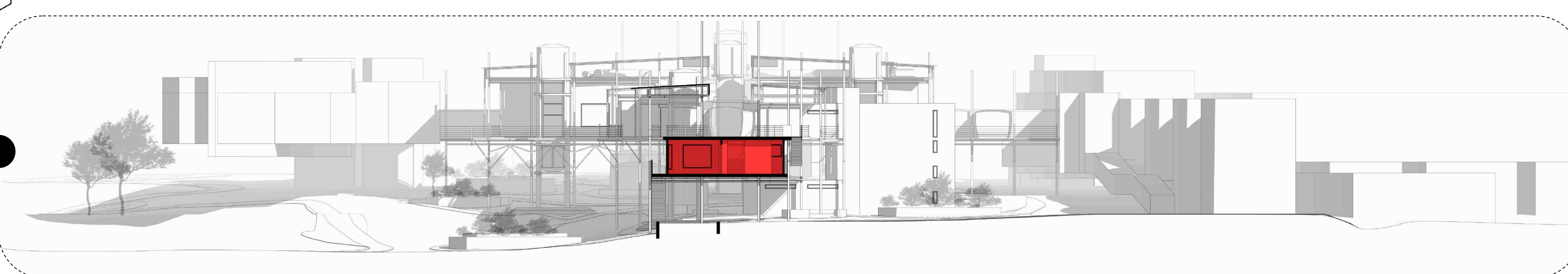
4

04 - SCALED
PROTOTYPING
SCALE 1:200



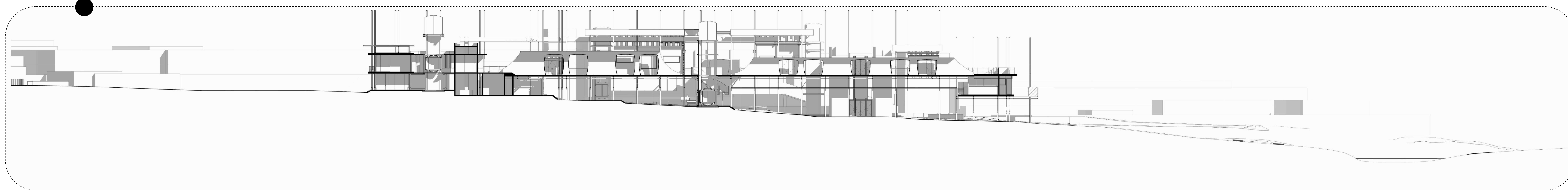
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05 -
COLLABORATIVE
SPACE
SCALE 1:200



6

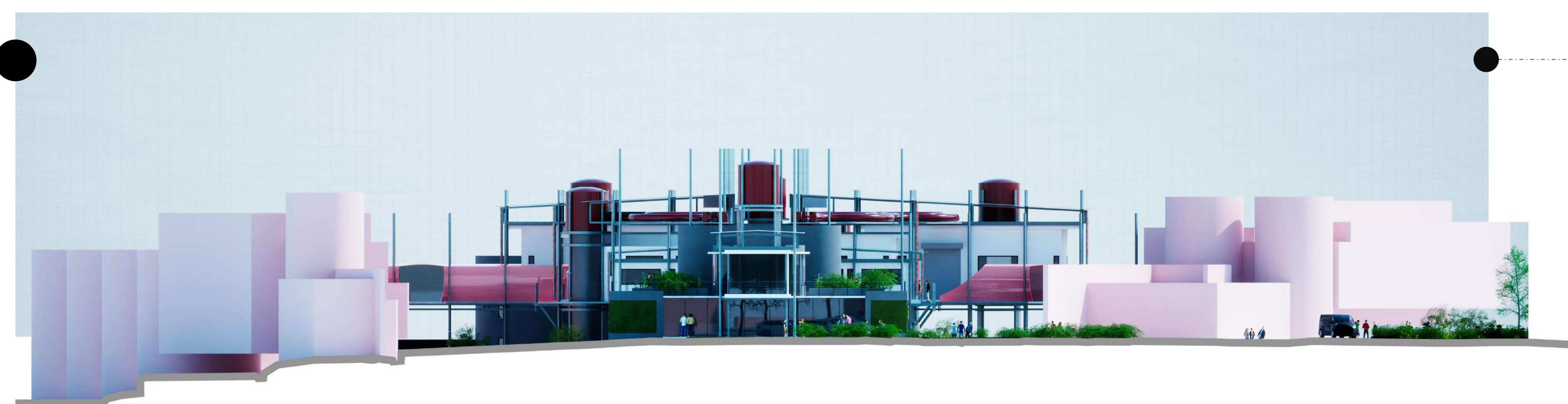
06 - CANTEEN
SCALE 1:200



7

07 - SITE
SECTION
SCALE 1:200

ELEVATION SET



1

01 - WEST
ELEVATION
SCALE 1:200



2

02 - NORTH
ELEVATION
SCALE 1:200



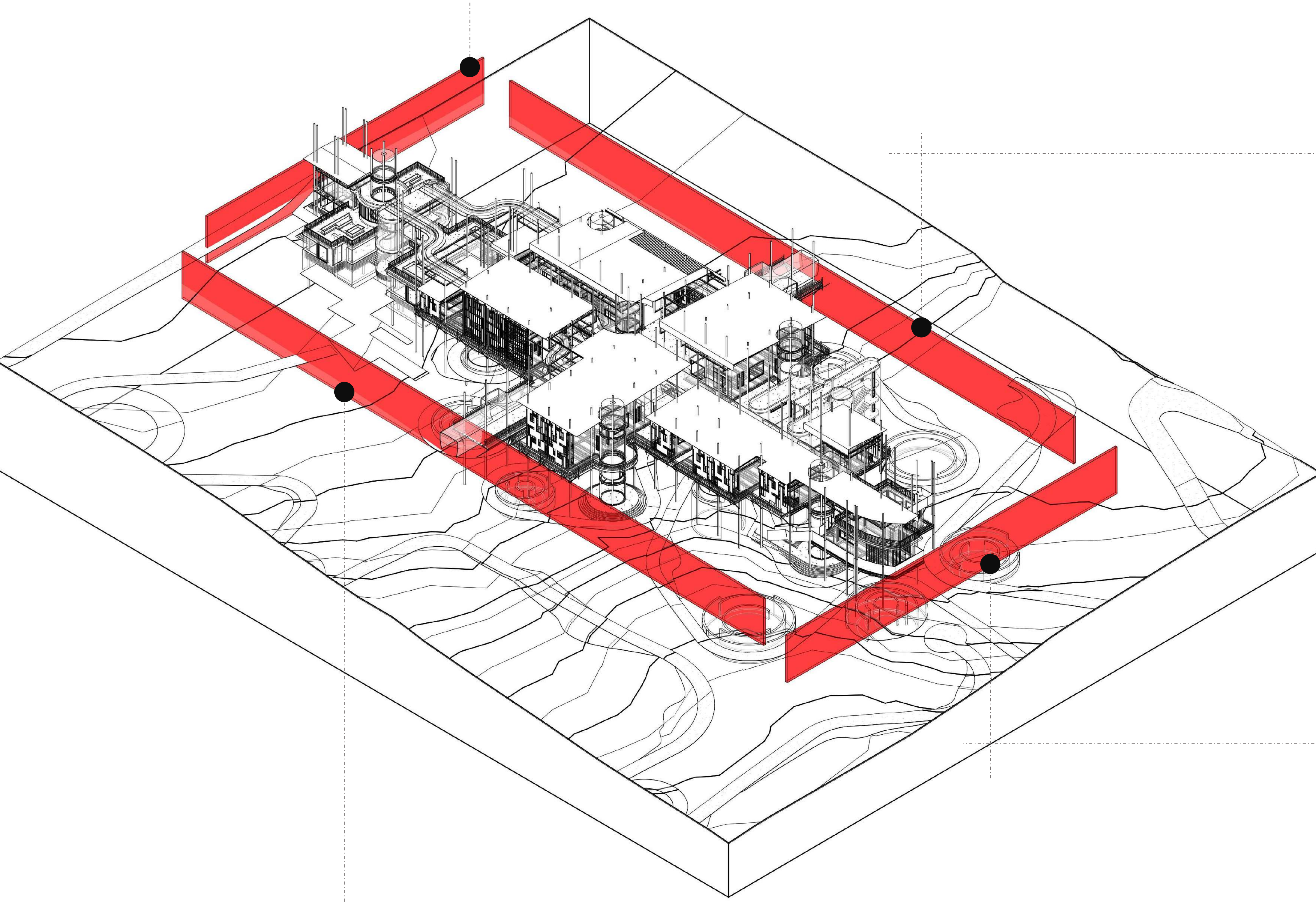
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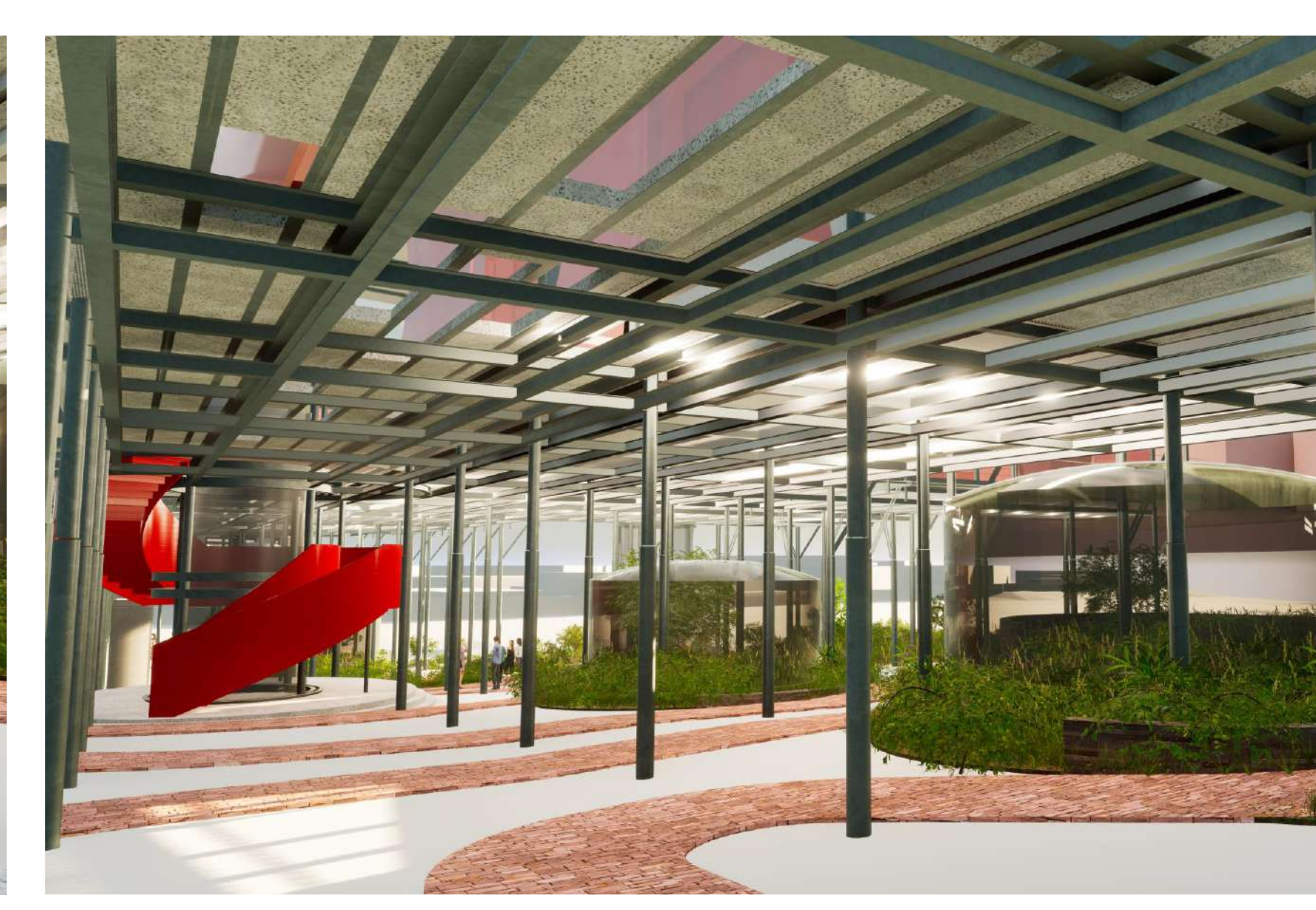
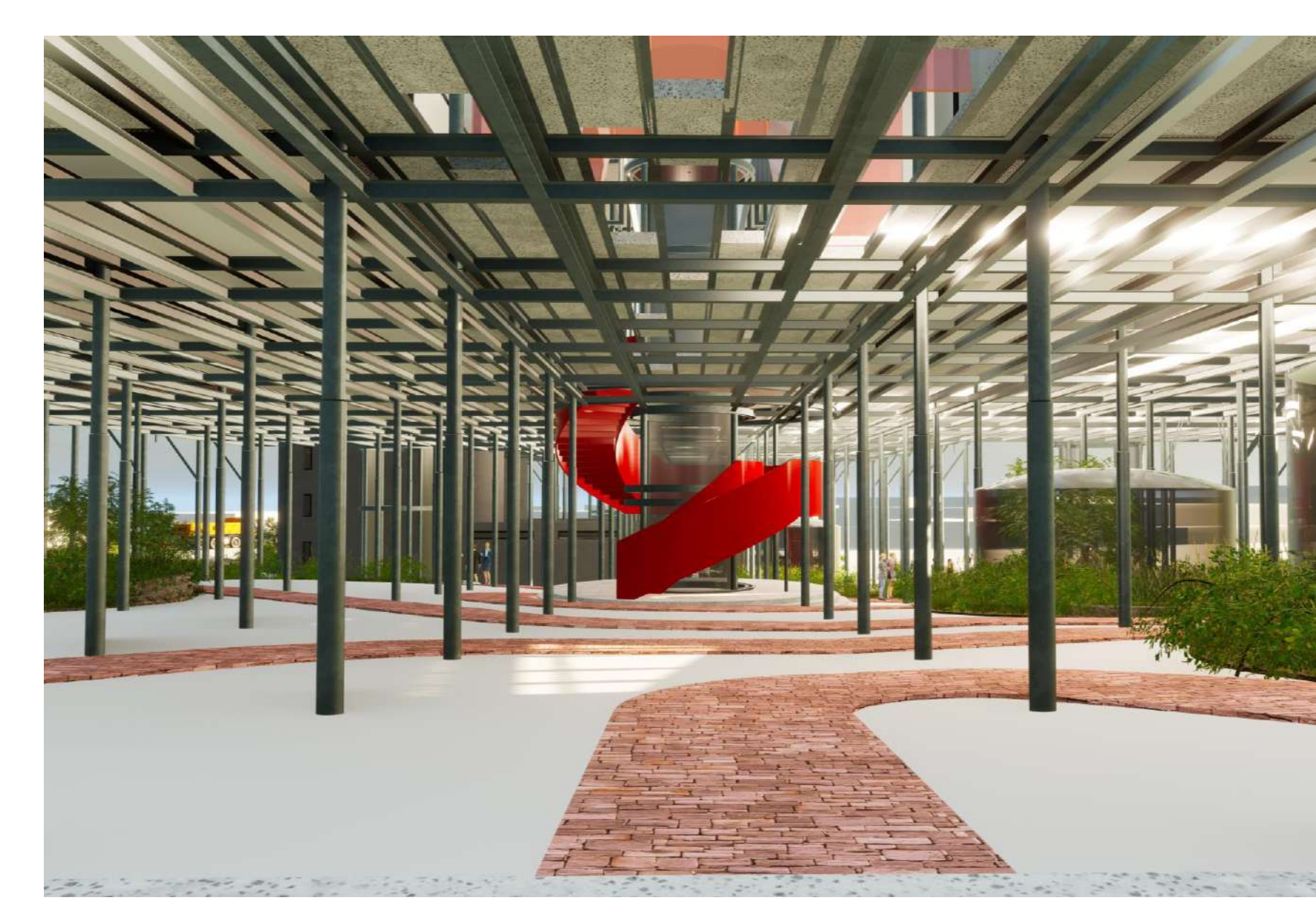
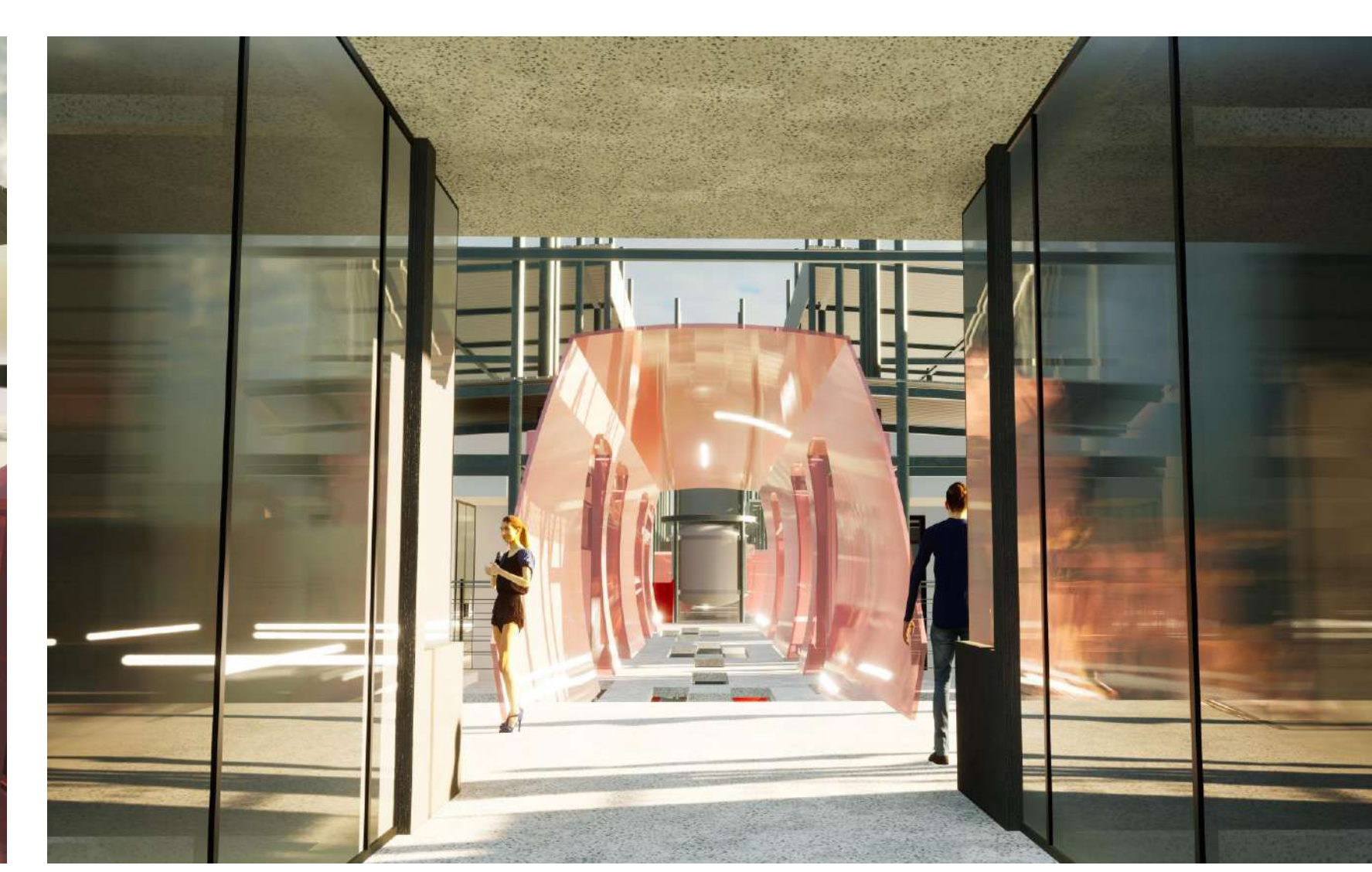
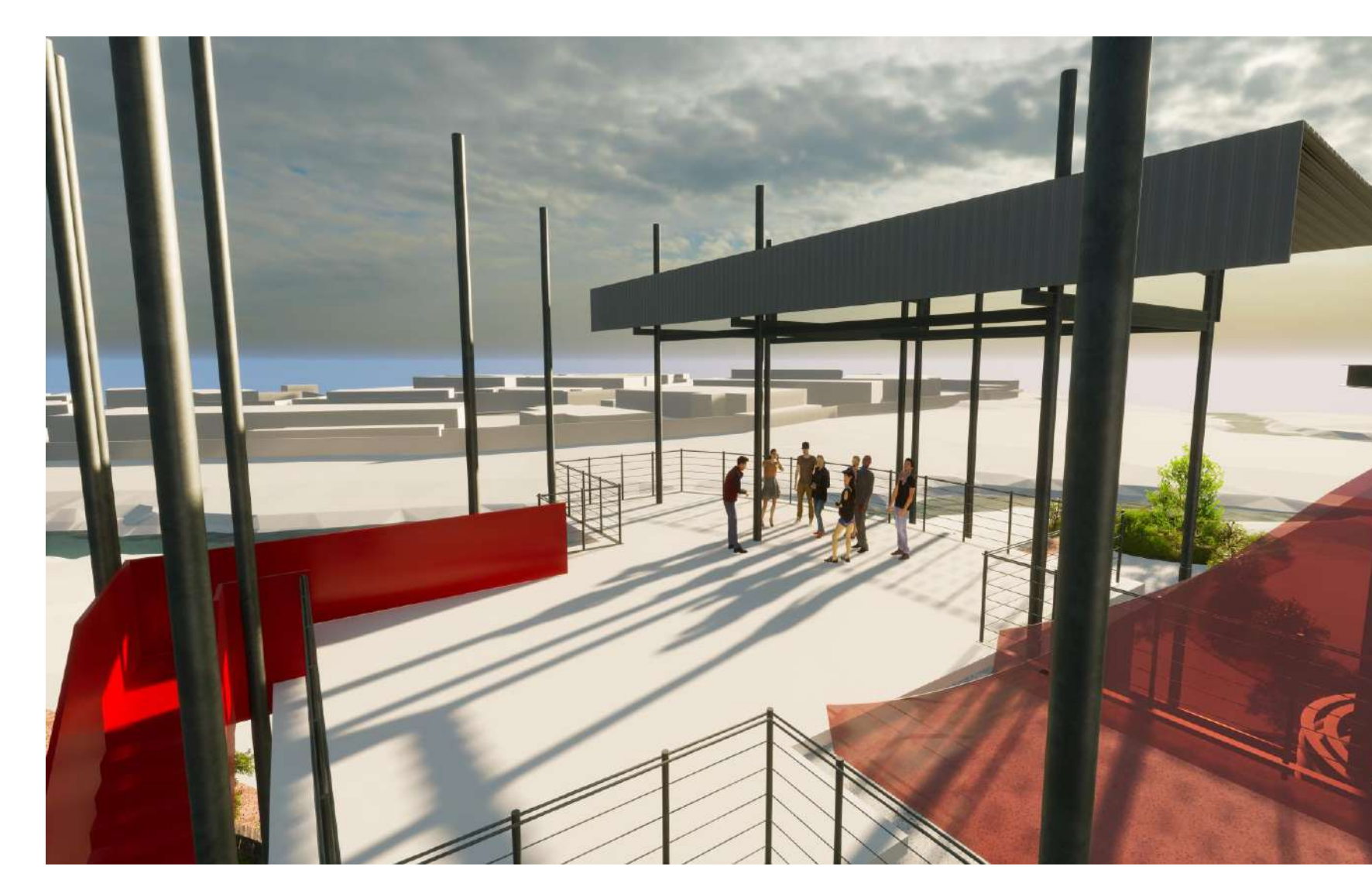
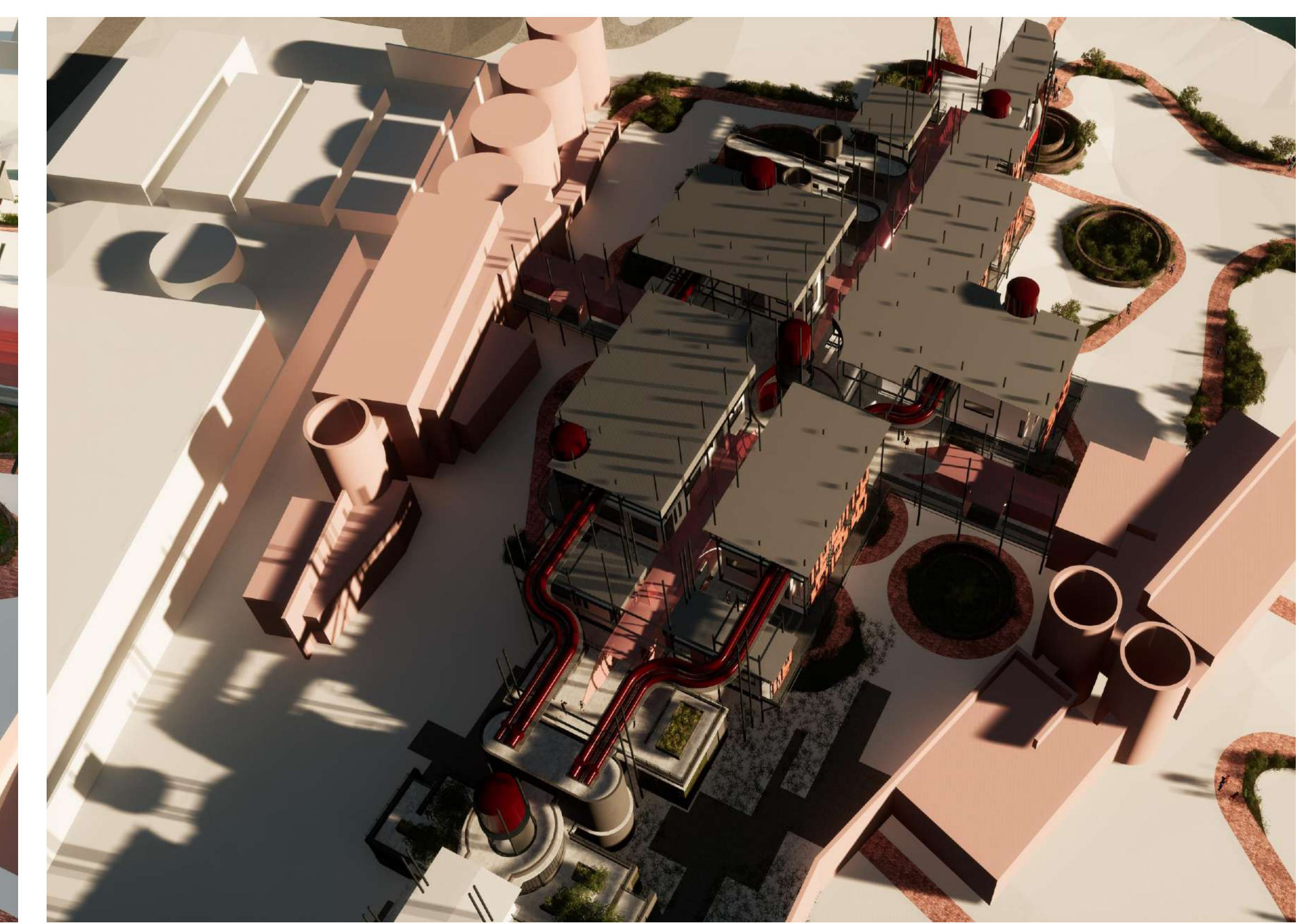
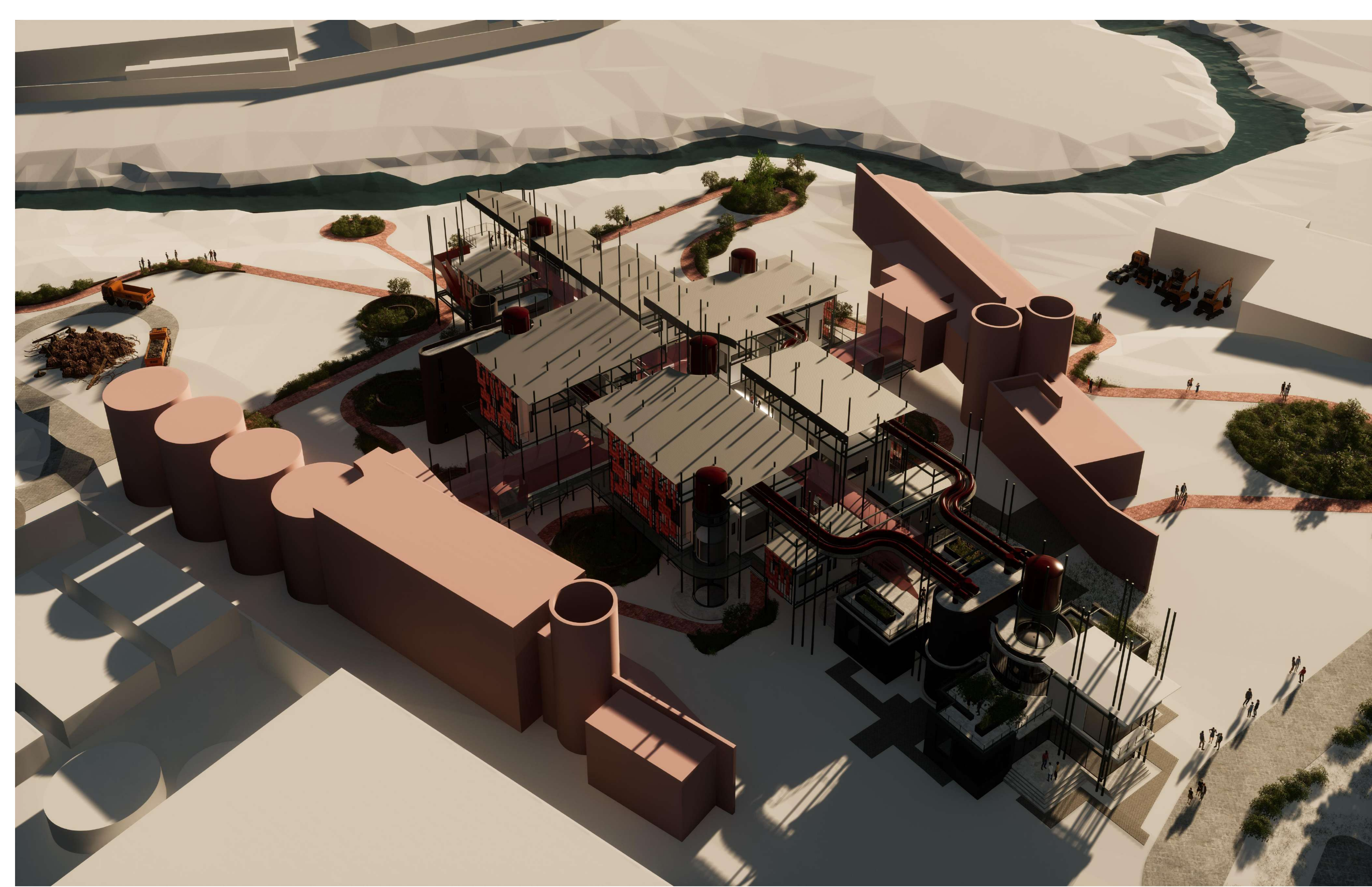
03 - EAST
ELEVATION
SCALE 1:200



4

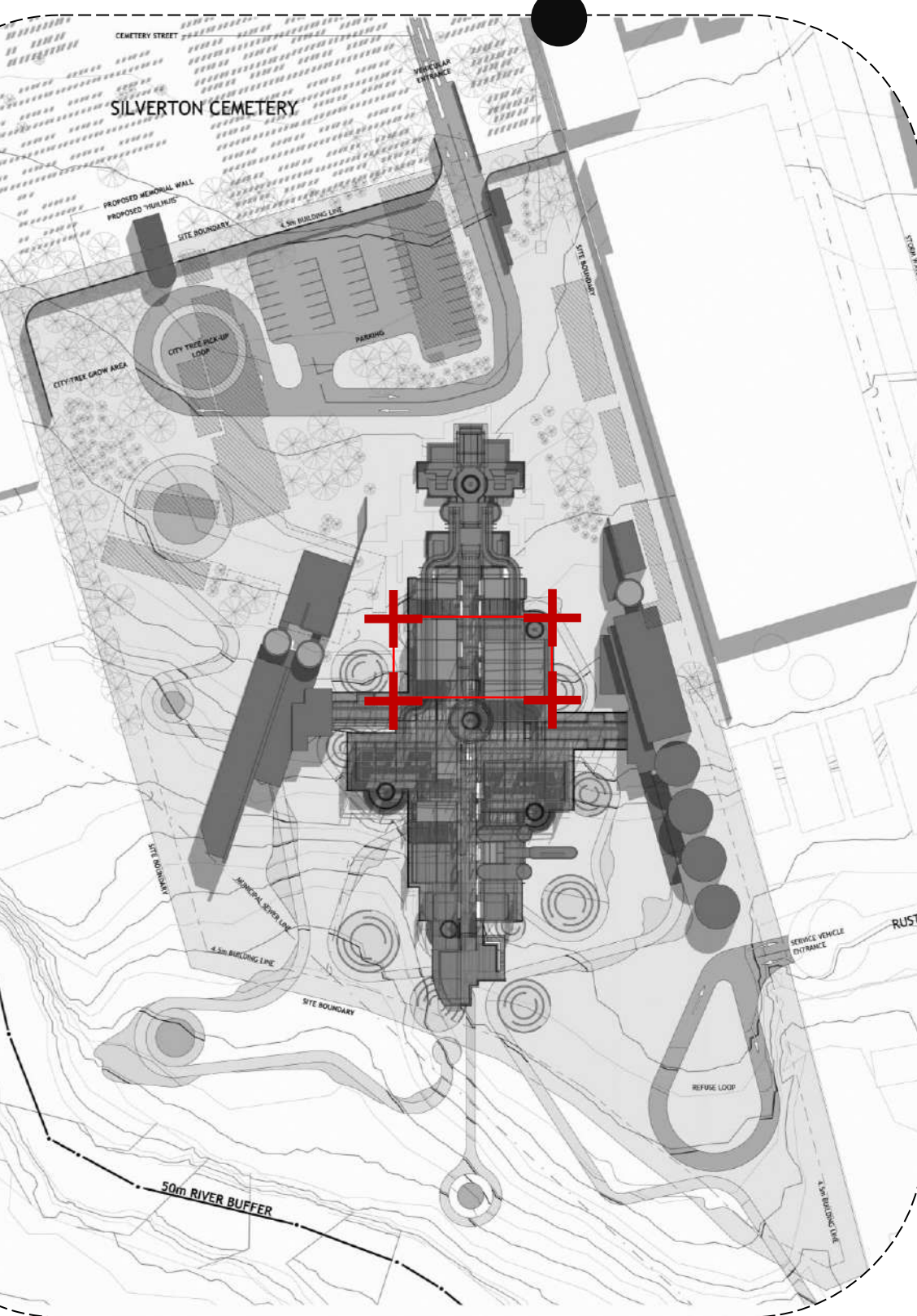
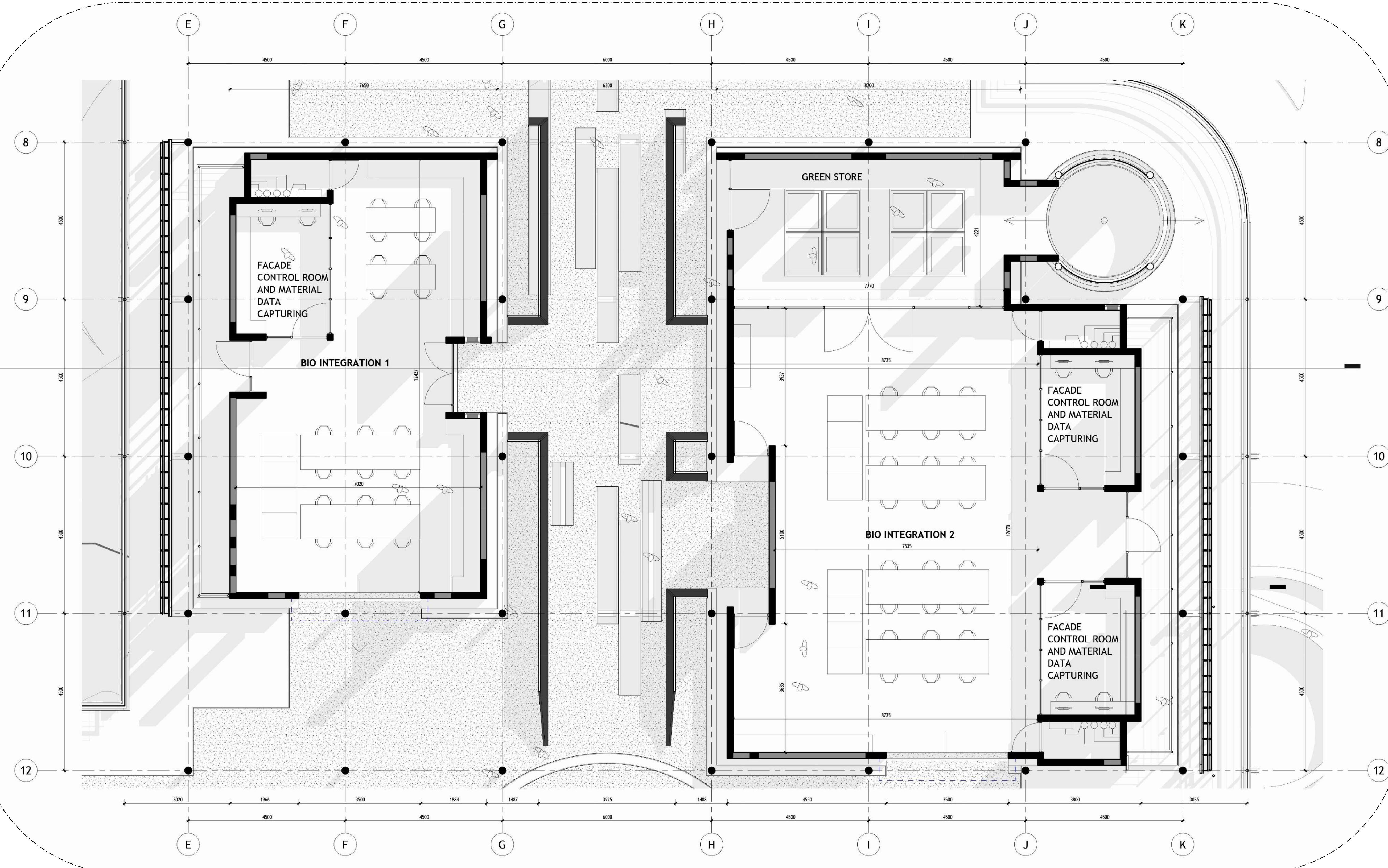
04 - SOUTH
ELEVATION
SCALE 1:200





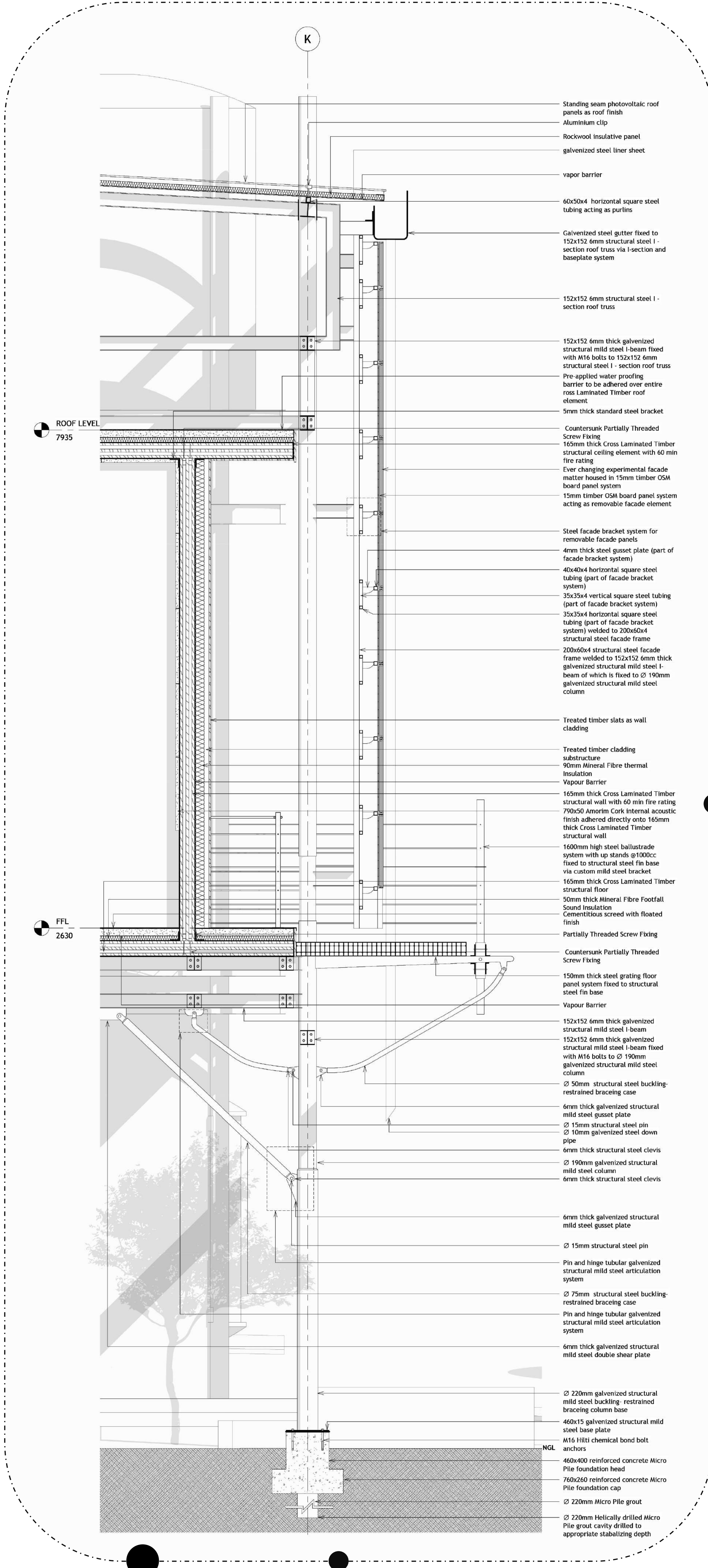
DETAIL SET

02 - PARTIAL PLAN SCALE 1:50

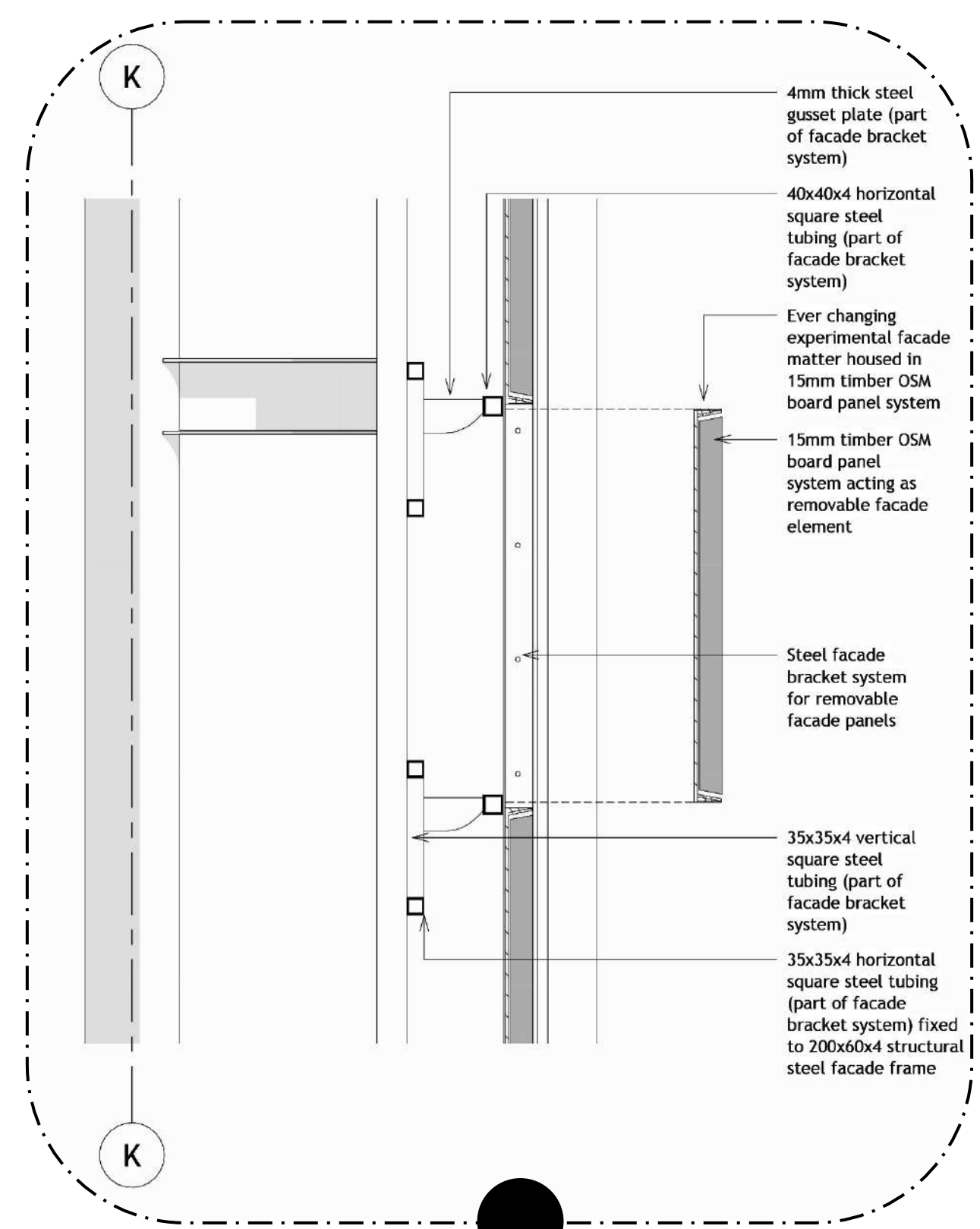


01 - DETAIL LOCALITY

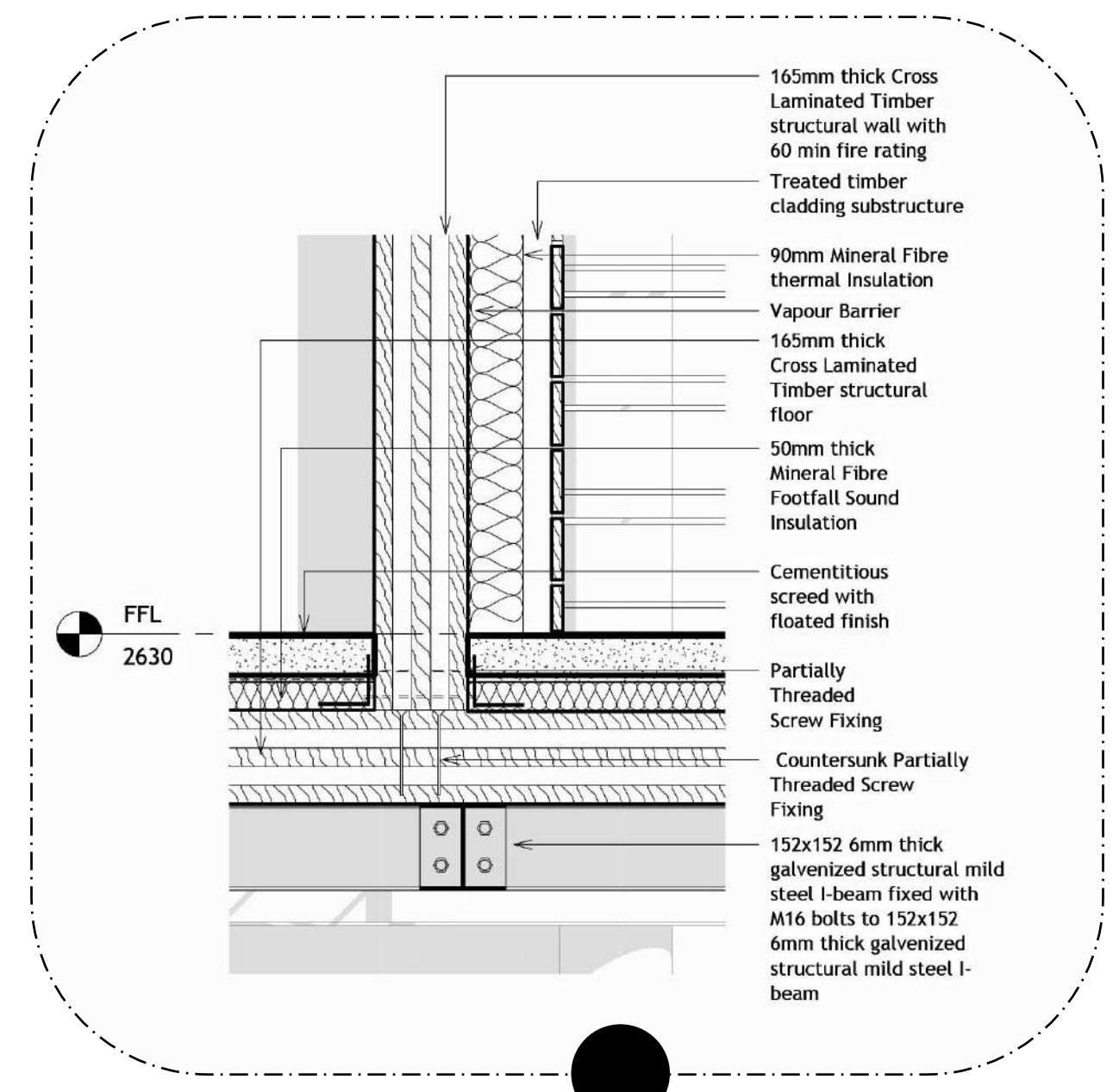
04 - DETAIL STRIP SECTION SCALE 1:20



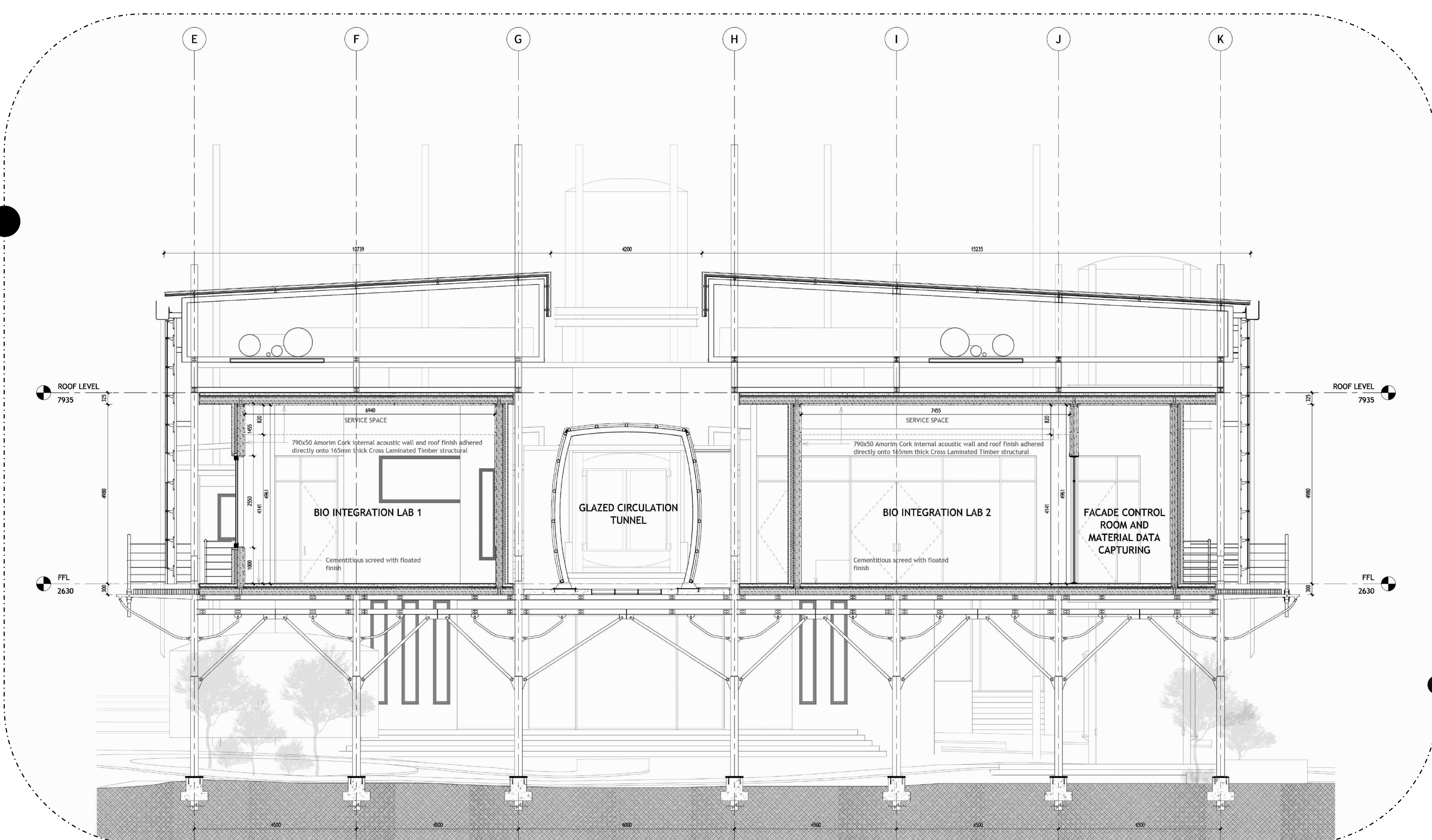
05 - REMOVABLE FAÇADE DETAIL SCALE 1:10



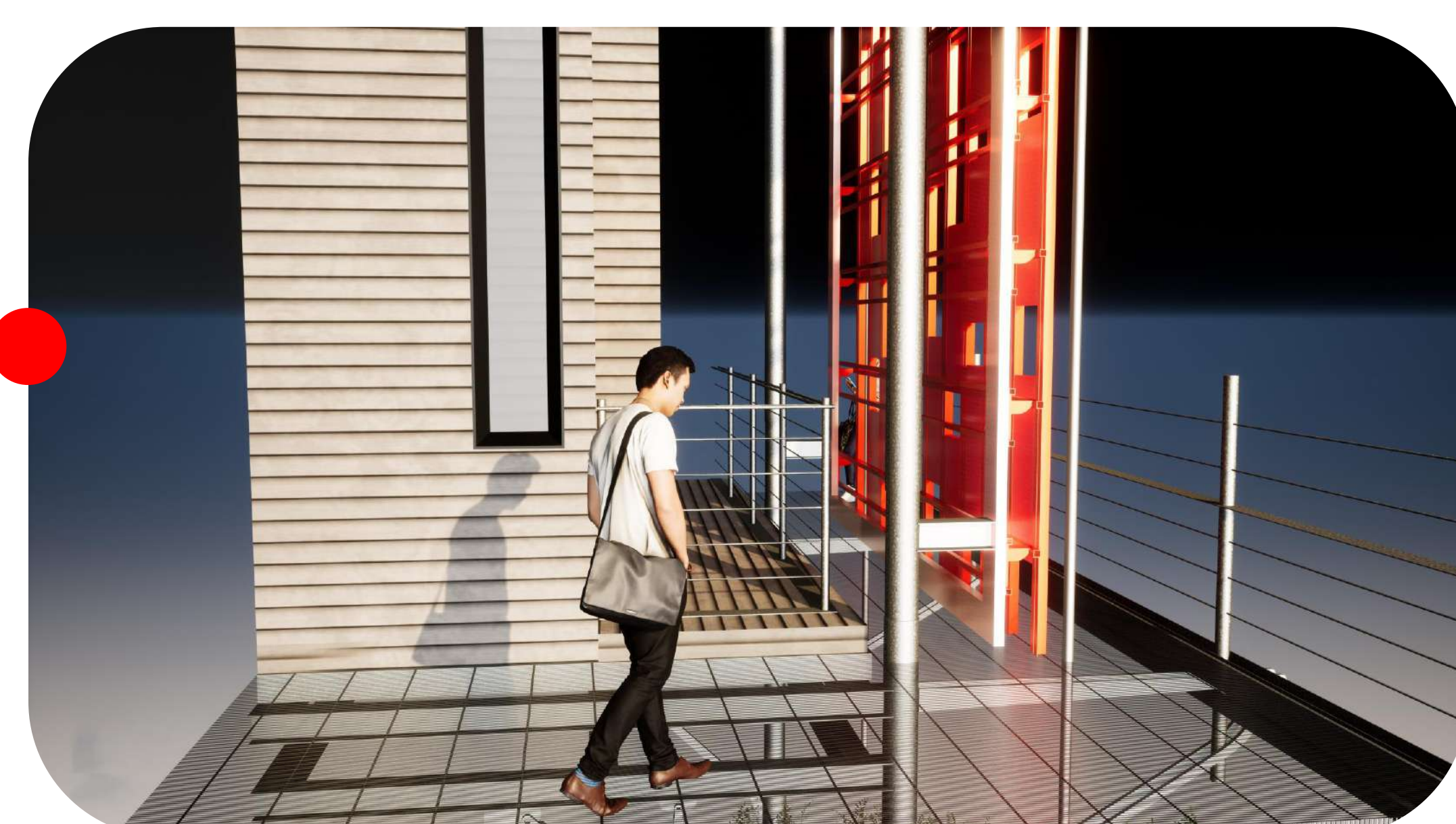
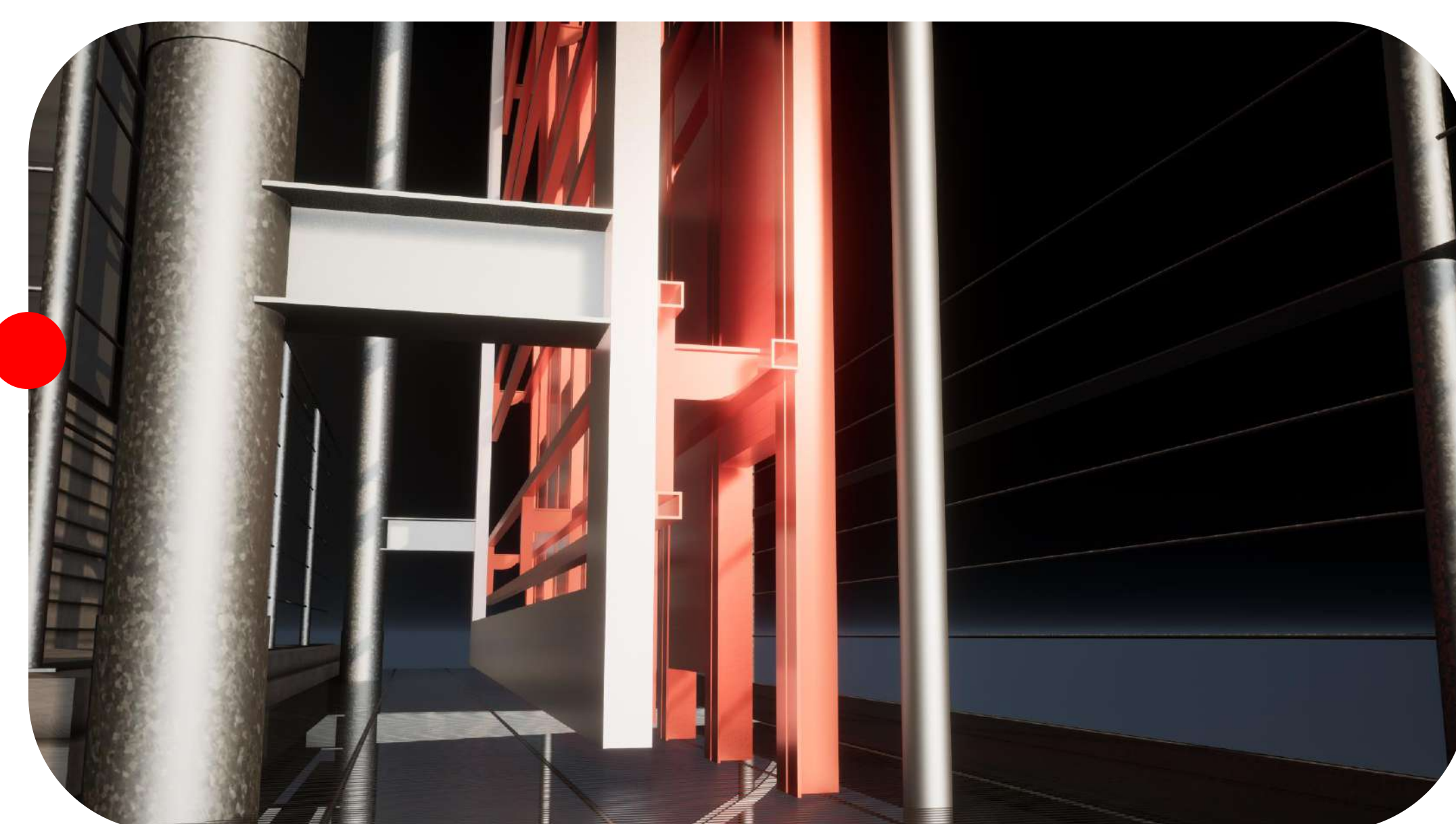
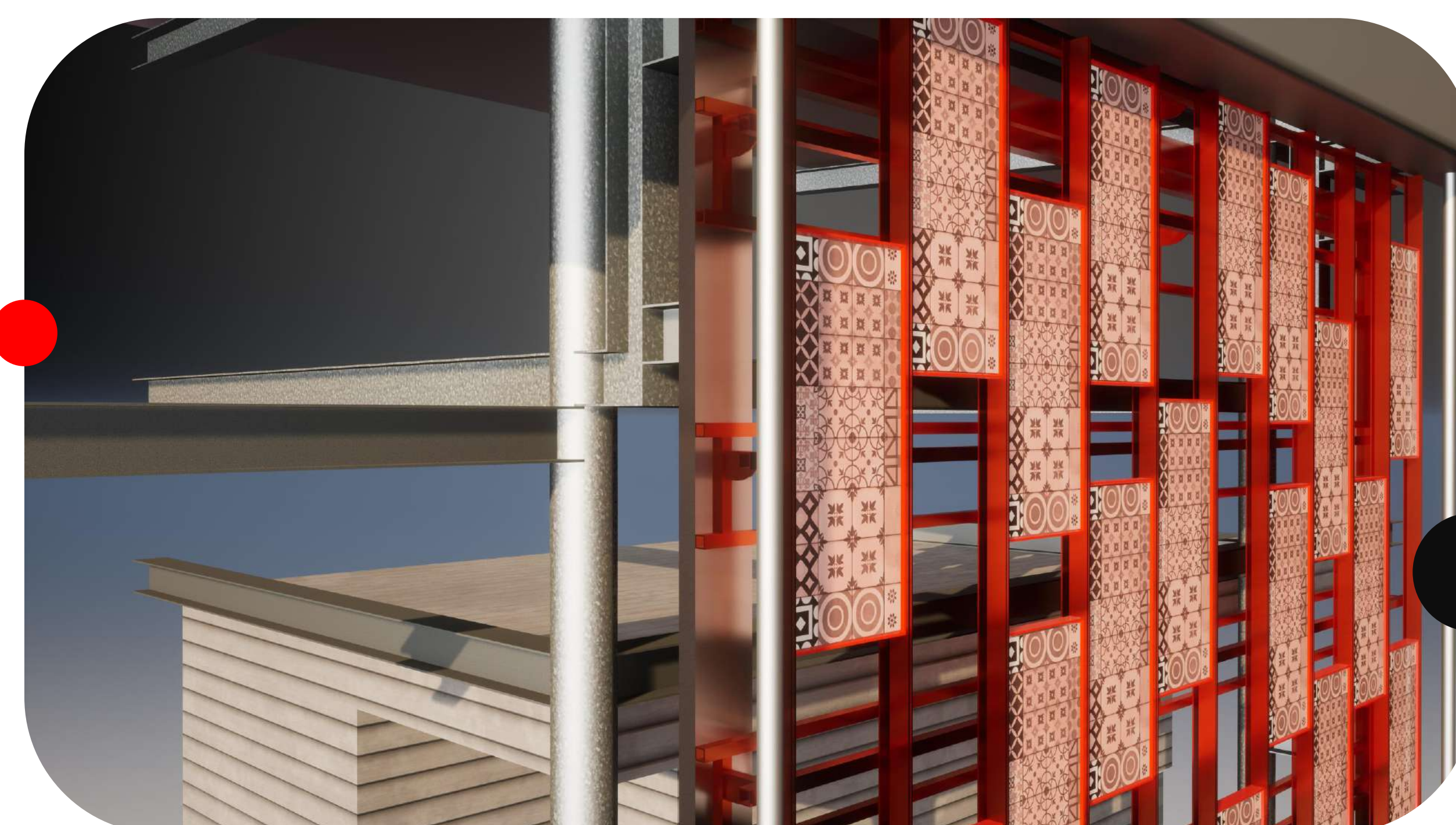
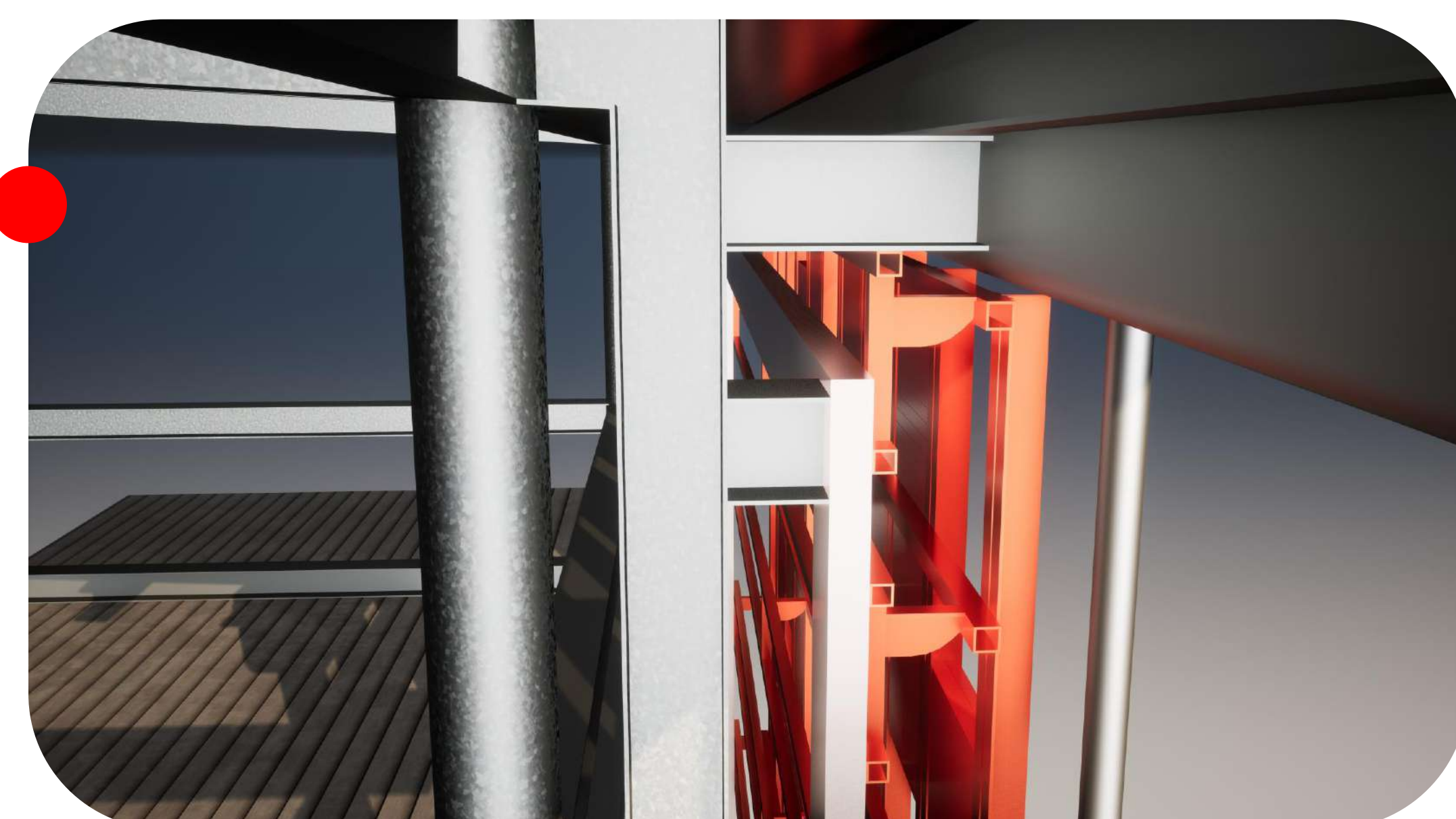
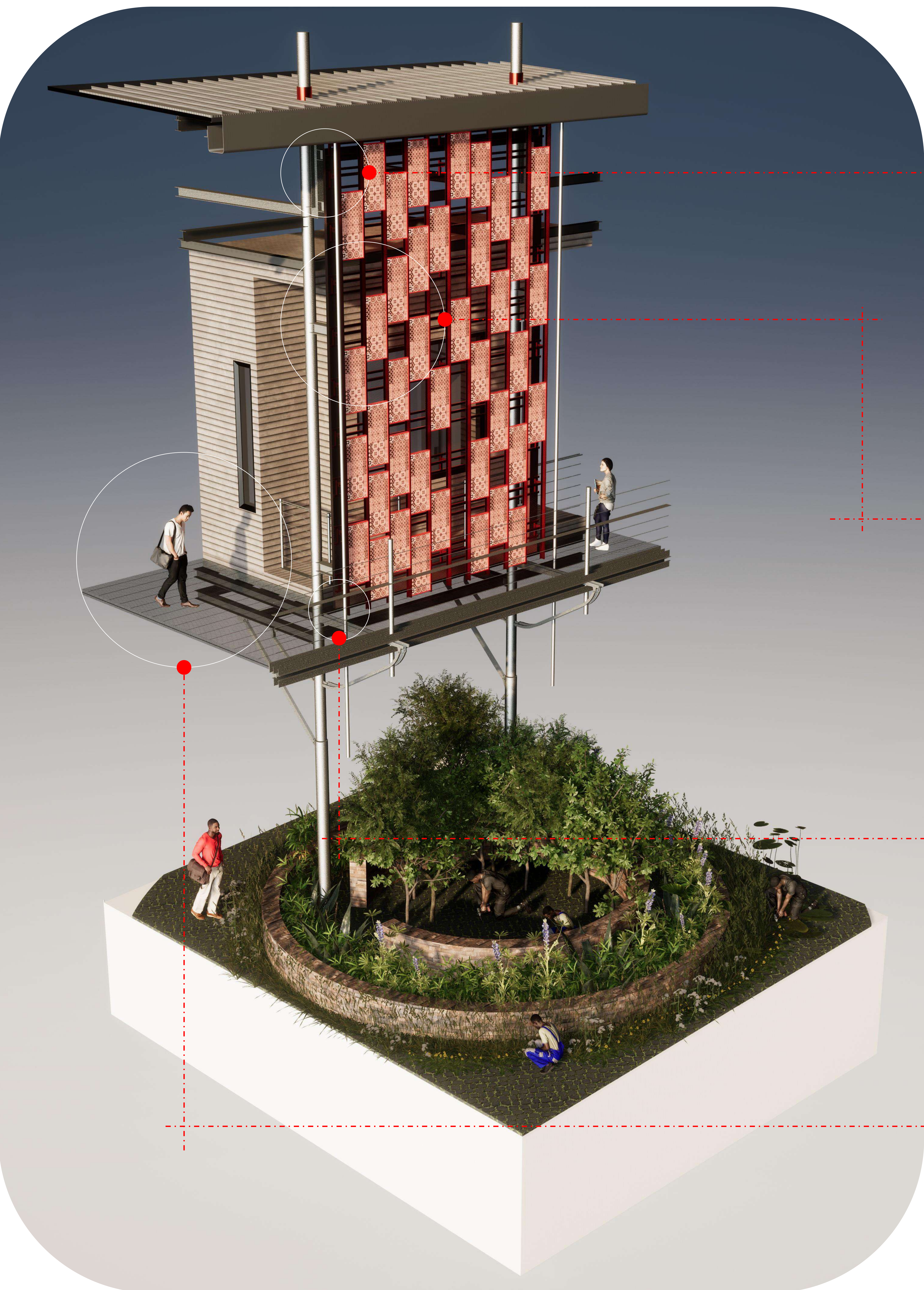
06 - CLT FLOOR AND WALL CONNECTION DETAIL SCALE 1:10



03 - DETAIL SECTION SCALE 1:50



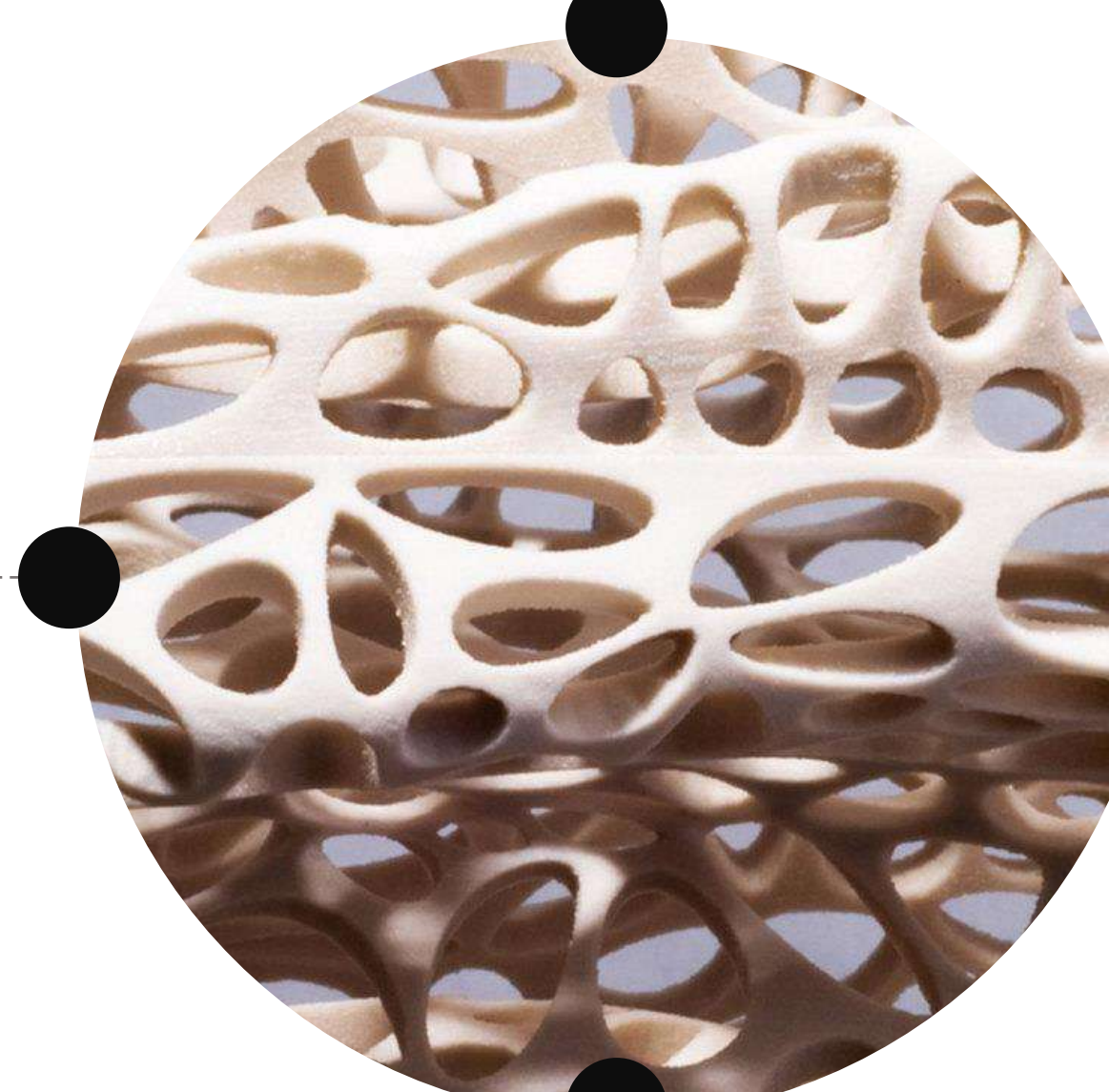
FAÇADE ELABORATION



01 -THATCH FAÇADE FINISH



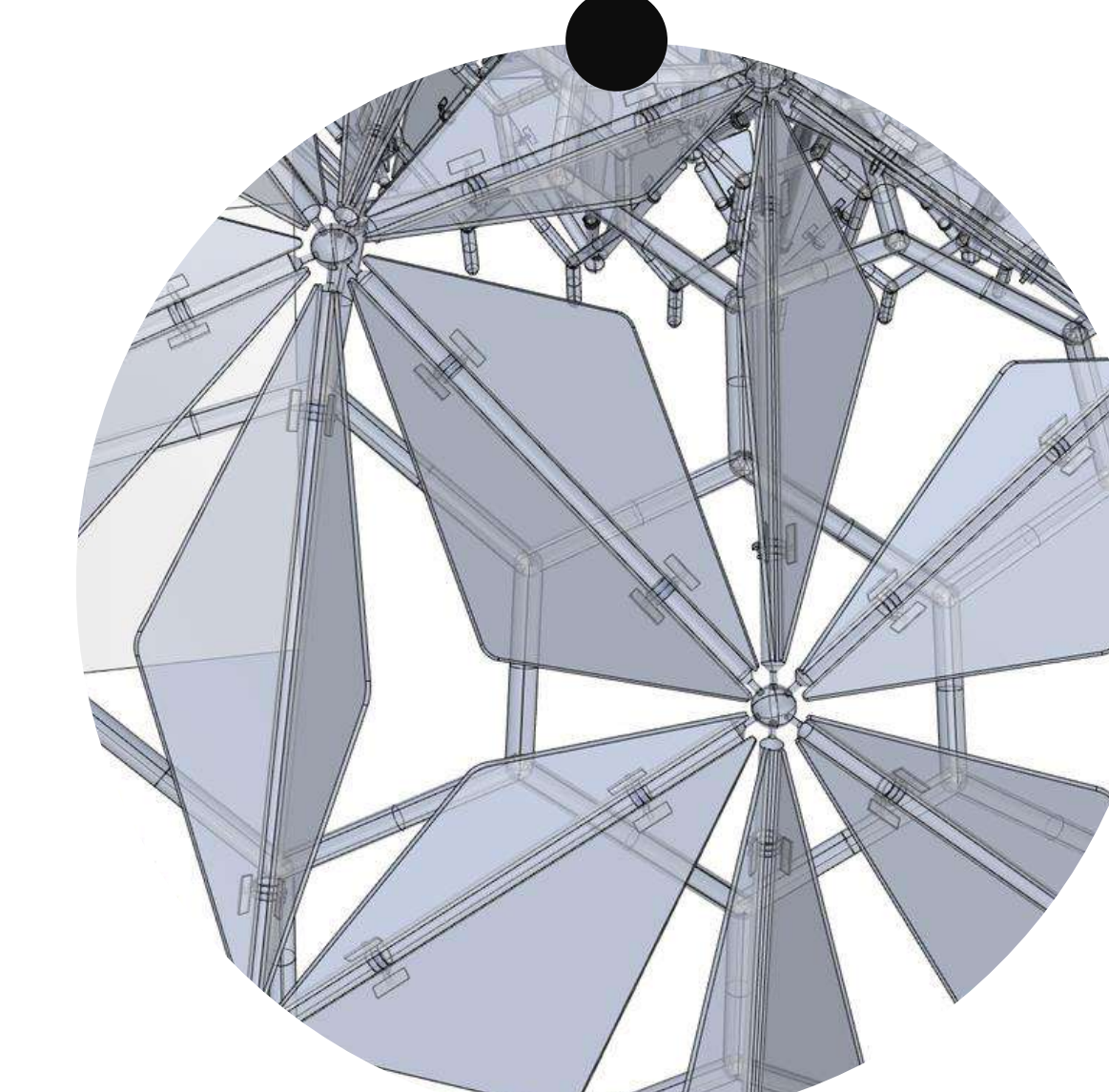
02 -MYCELIUM FAÇADE FINISH



03 -3D PRINTED BIO-MATTER FAÇADE FINISH



04 -MODULAR ALGAE TILE FAÇADE FINISH



05 -KINETIC FAÇADE TECHNOLOGY