



Mustafa El-Fadil

PORTFOLIO

Selected
Work

2025



Hello

I am Mustafa El-Fadil, a fresh graduate junior architect, holding a Bachelor's degree from the Faculty of Architecture, University of Khartoum.

I am architectural designer focusing in producing architectural drawings , conceptual site planning, landscape design and 3d models for architectural visualization.

I aim to create design that are functional, climate responsive and focusing in simplicity and clarity on concepts responding to human comfort.

This portfolio includes selected work produced over recent years, reflecting my development in design clarity and contextual understanding. I am committed to continuous learning and growth, aiming for long-term skill development on both a personal and professional level.

Contact here

All contact details are clickable for quick and direct communication.

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Whatsapp : +20 1060417210

Education

2018 - 2025

University of Khartoum Bachelor's degree

Architecture experience

Jan 2023 -March 2023

trainee in Eco Archads consulting, Sudan
Training period as architectural designer for proposed hospital in central khartoum, engineering drawings using Autodsek Revit and Autocad.

Jan 2024 -Oct 2024

Km - kitchens, Cairo, Egypt
Work as interior designer in designing kitchens, dressing rooms, bathrooms and create detailed drawings and communicate with factory.

Software skills

- Autodesk Revit
- Autodesk 3dsmax
- Archicad
- Lumion renderer
- Twinmotion renderer
- Corona rederer
- V-Ray renderer
- Adobe photoshop
- Adobe illustrator
- Adobe after effect
- Adobe indesign
- Microsoft office

skills

- Architectural design
- Modeling
- Interior design
- Technical drawings
- 2d rendering
- 3d Rendering
- Computer skills

- Teamwork
- Communication
- Multi-tasking
- Time managment
- Video editing
- Content creator
- little knowledge in programming (Html,css,python)

Volunteer experience

- Organizing Team Member, University of Khartoum Development & Renaissance Conference

Assisted in planning, coordination, and on site organization to support a collaborative academic and community development(April 2022)

- Founder & coach, Local community Football team

Established and trained a community sports team to encourage teamwork, youth engagement, and positive social interaction.

Language

- Arabic
- English

- Developer & content curator, Architecture student Association - Telegram library project Created and maintained a digital architectural reference library to improve academic resource accessibility among student.(Jan 2023 - present)

Content

0 1



Community
center

0 2



Factory
design

0 3



Villa
design

0 4



Hotel
design

0 5



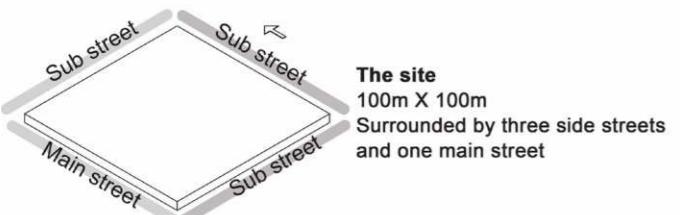
Interior
design

0 6

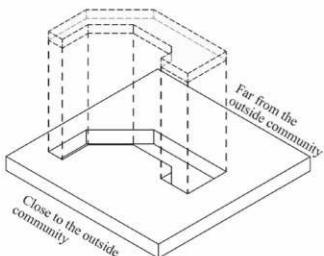


Render
practice

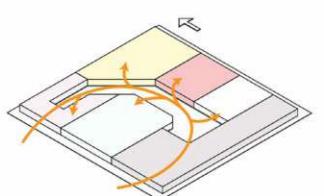
Mass formulation



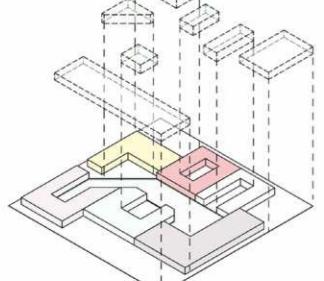
The site
100m X 100m
Surrounded by three side streets and one main street



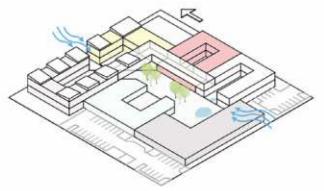
Plaza
The main plaza was added in the middle of the block, overlooking the rest of the blocks, and it became the main outlet for the project. It was oriented in a way that allows the air to pass from north to south and from south to north.



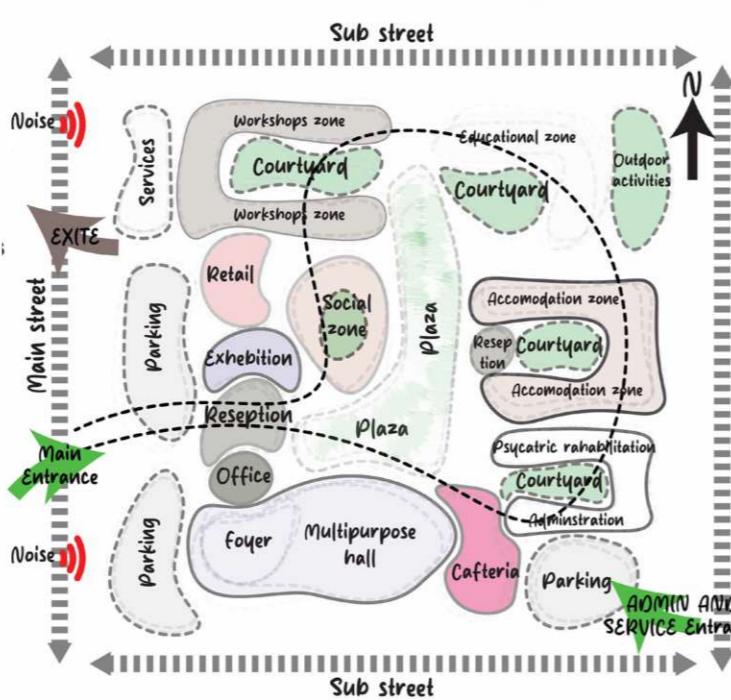
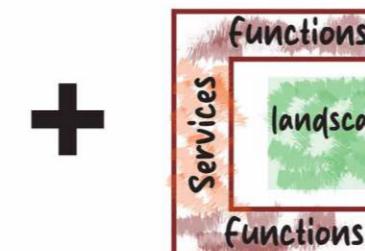
Functions
The project was divided into five different wings containing project activities such as shelter, rehabilitation, education, workshops and community integration. setbacks have been made.



Orientation and (solids vs voids)
The largest side was oriented north and south, and internal courtyards were added to each block, creating shaded central spaces that are comfortable to use. Parking spaces were also designated.

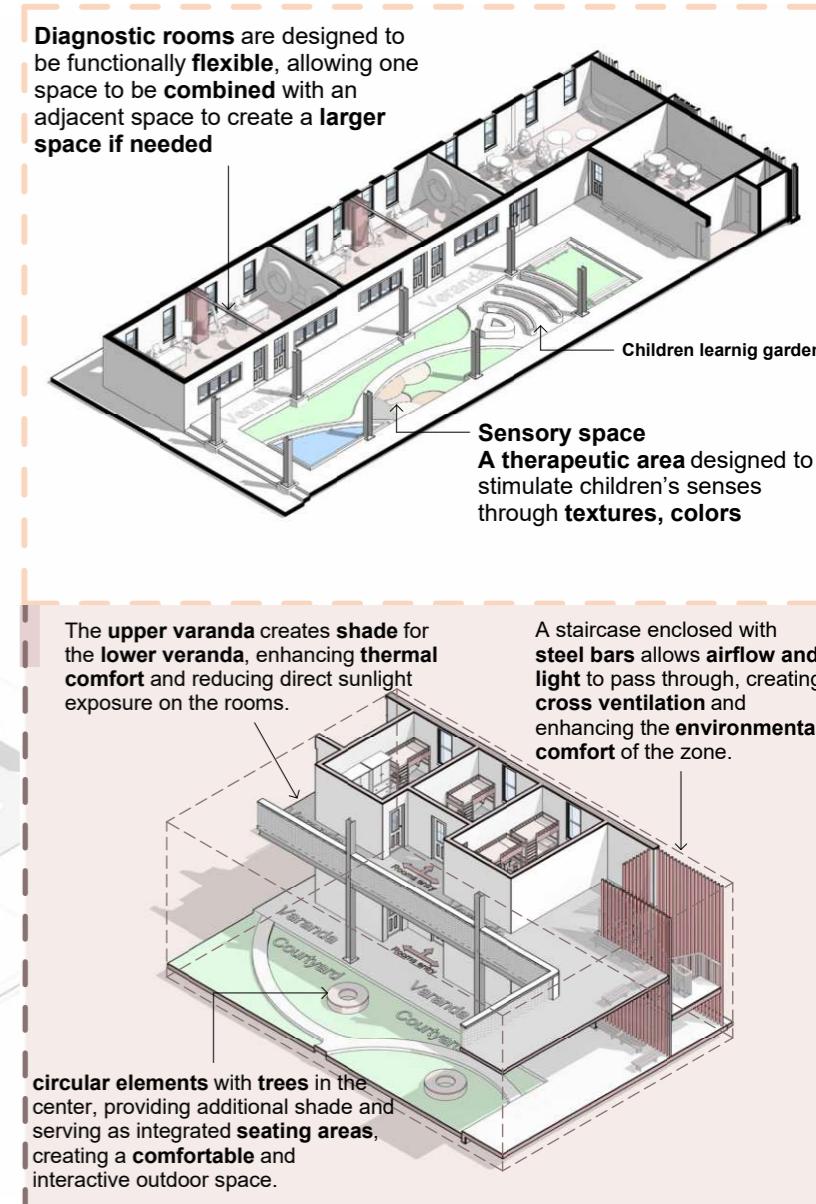
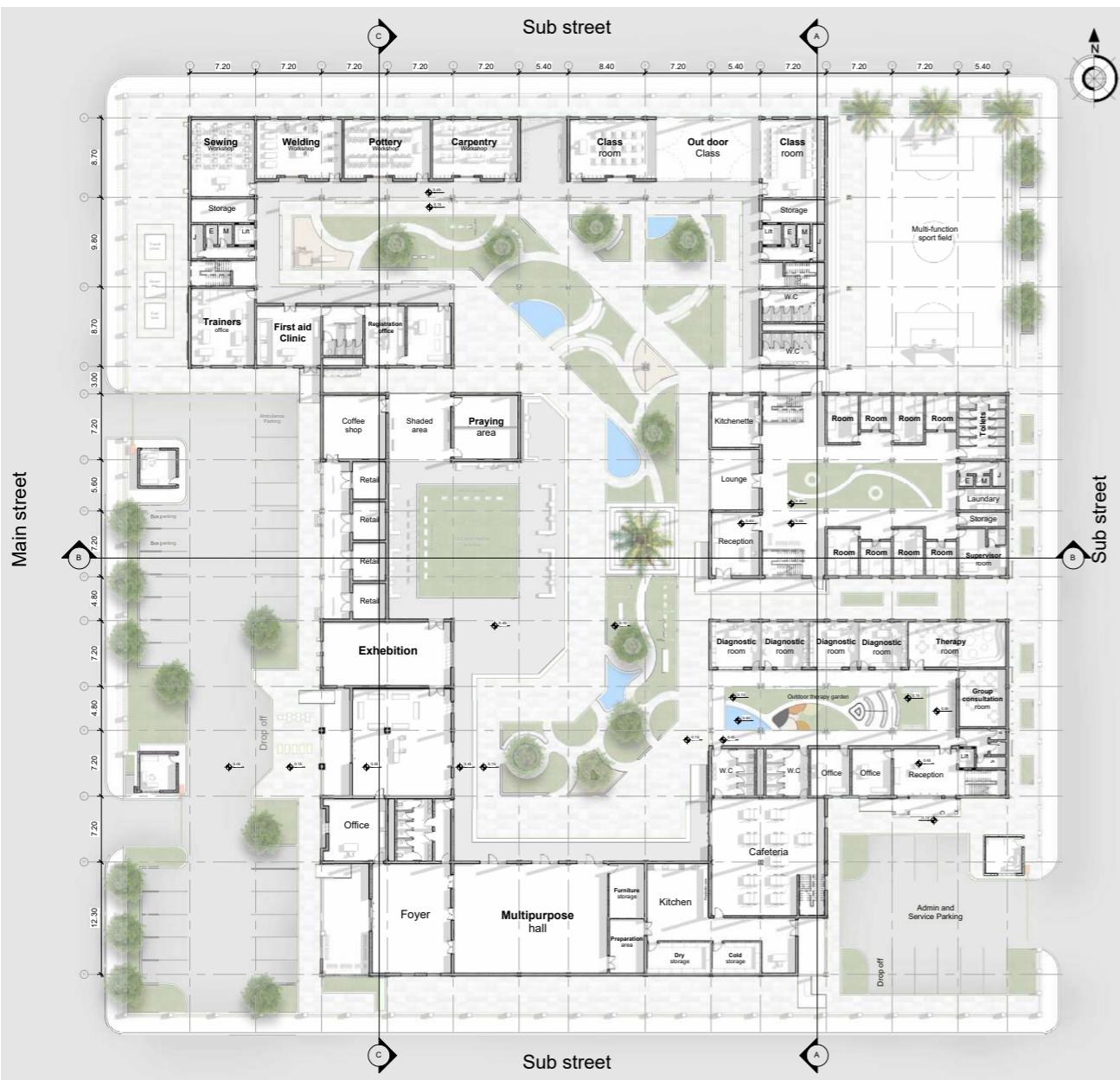


Connection and Heights
The blocks were raised to the first floor and a corridor was added to provide better connectivity between the blocks. Height differences were created in some blocks to improve the climatic performance of the spaces depending on the function of the space.



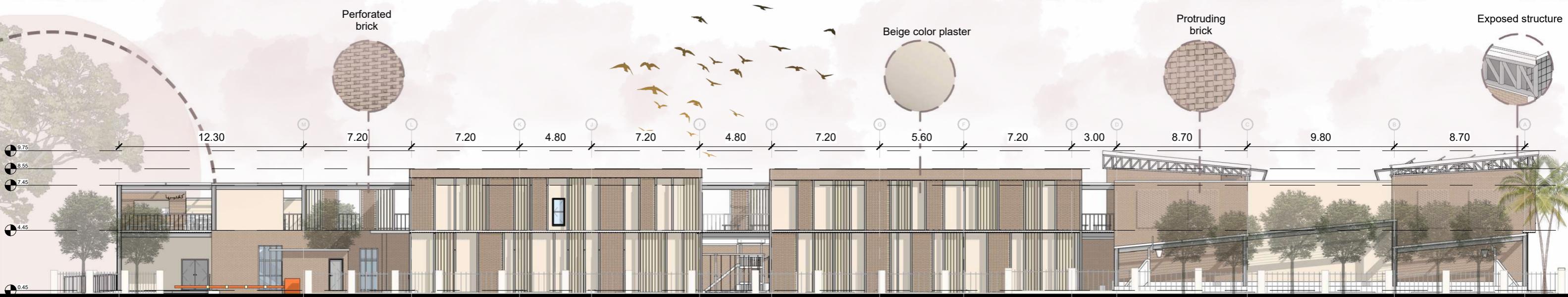
Community center Architectural

Location: Atbara , River nile, Sudan

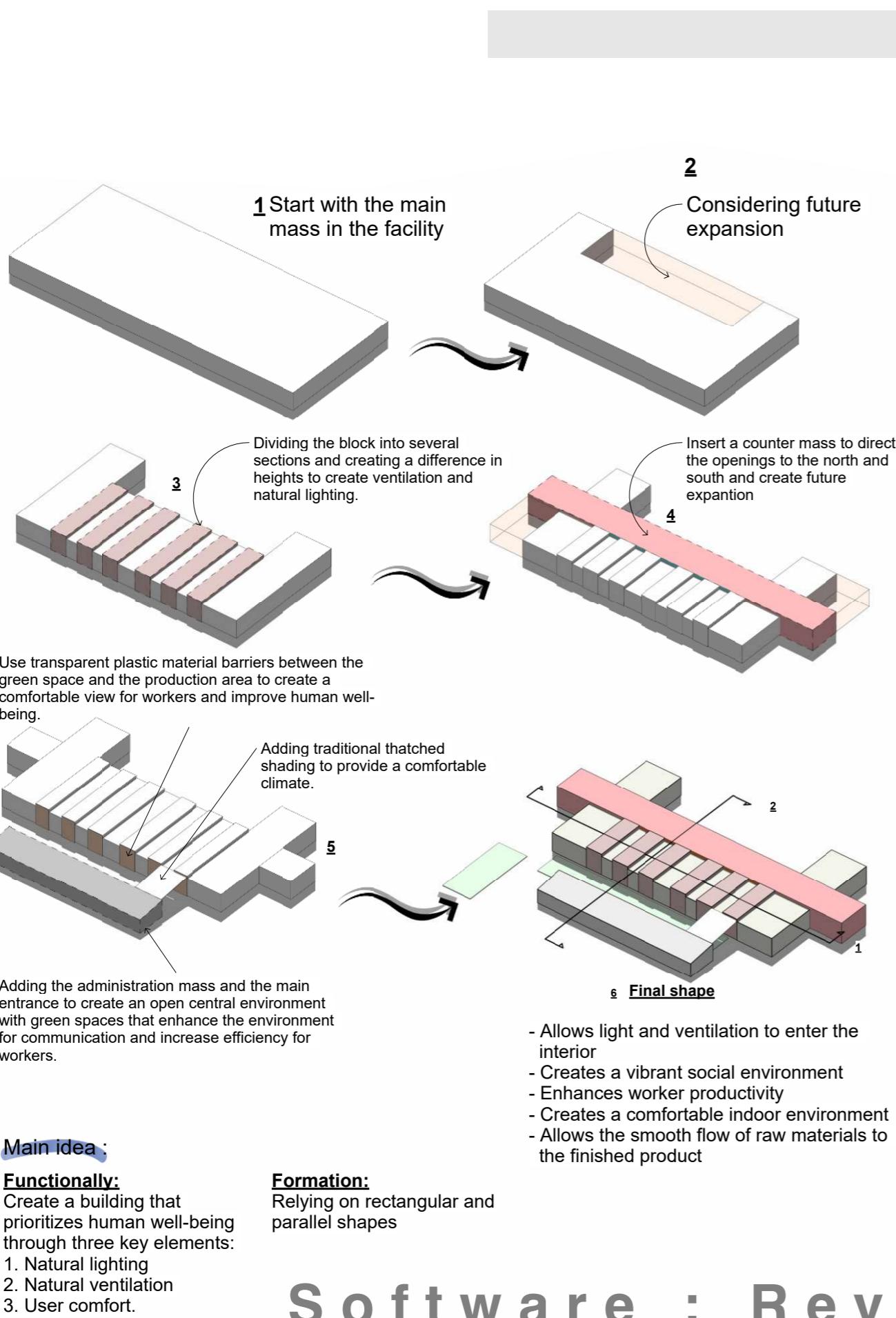


East Elevation:

Scale 1:300



Mass formulation



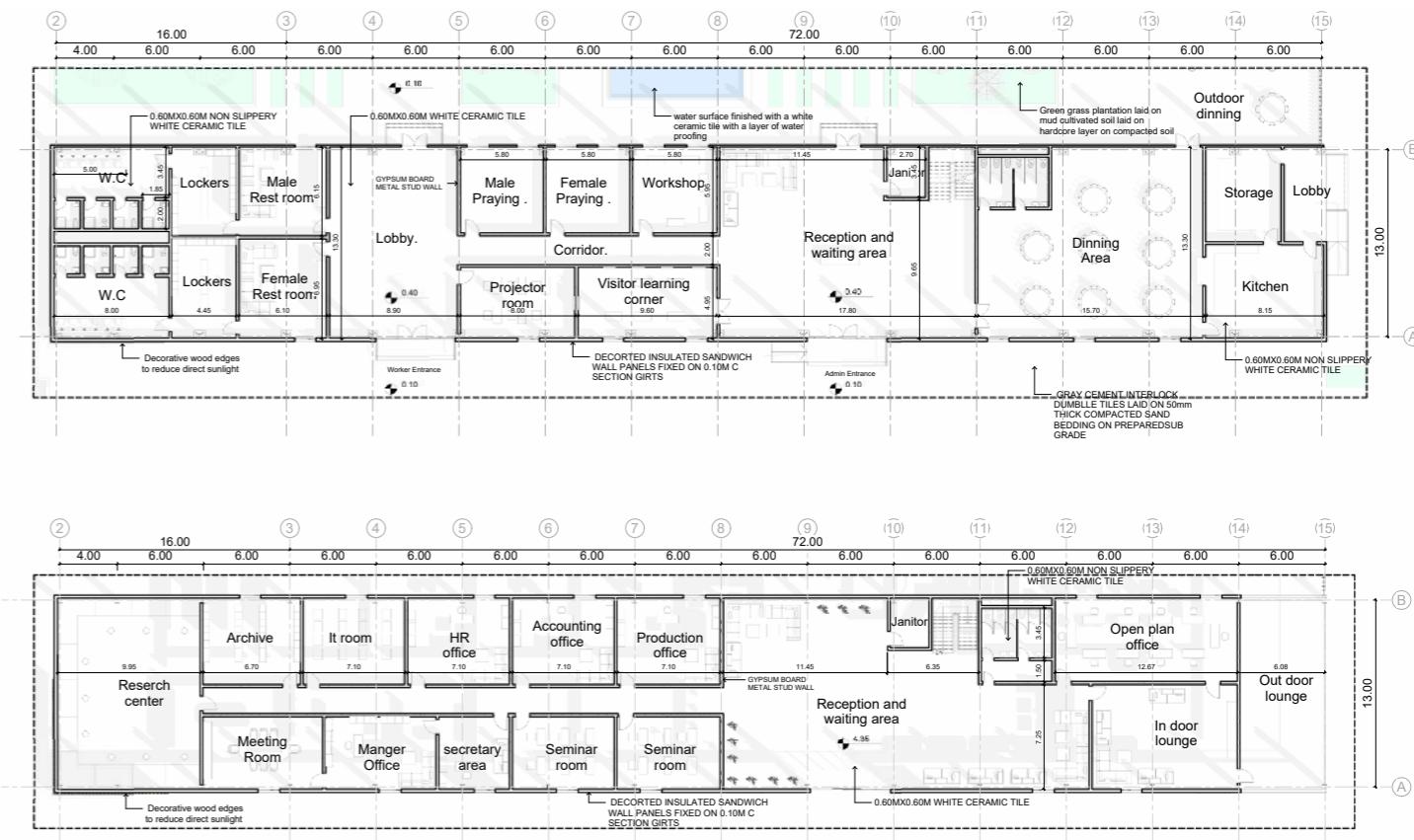
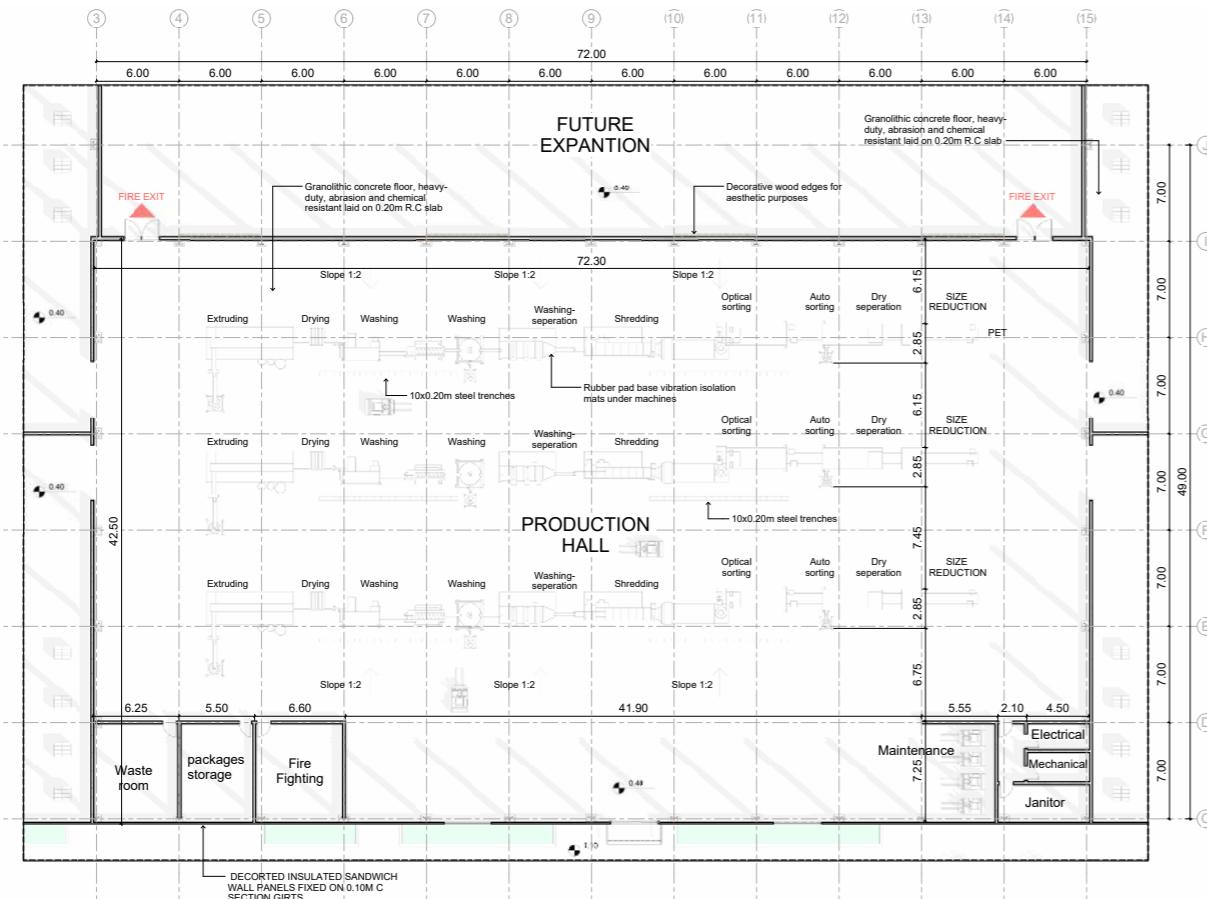
Factory project

Architectural

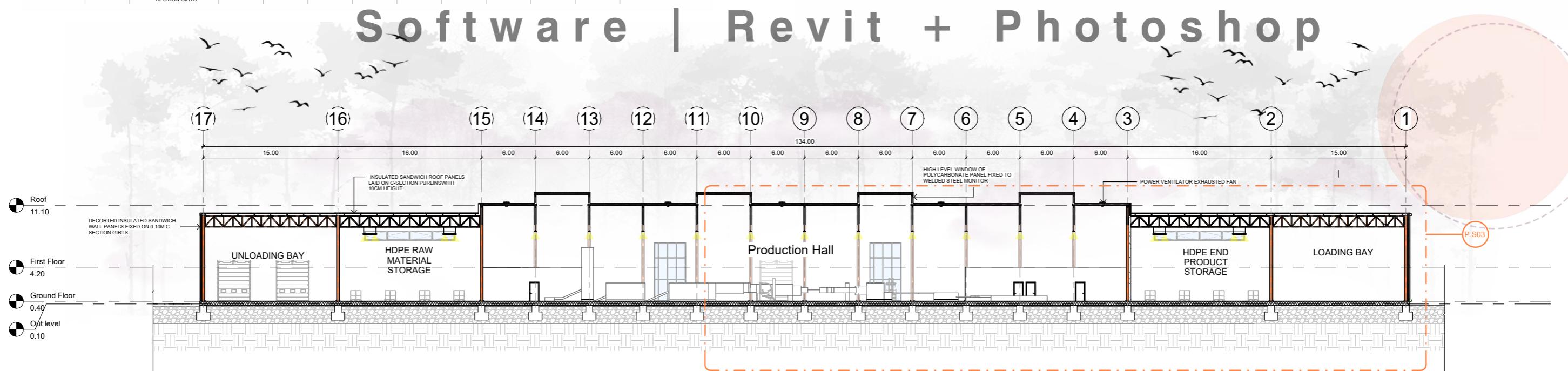
Location: Aljaily , Khartoum, Sudan

Software : Revit

S - n - a - P



Section



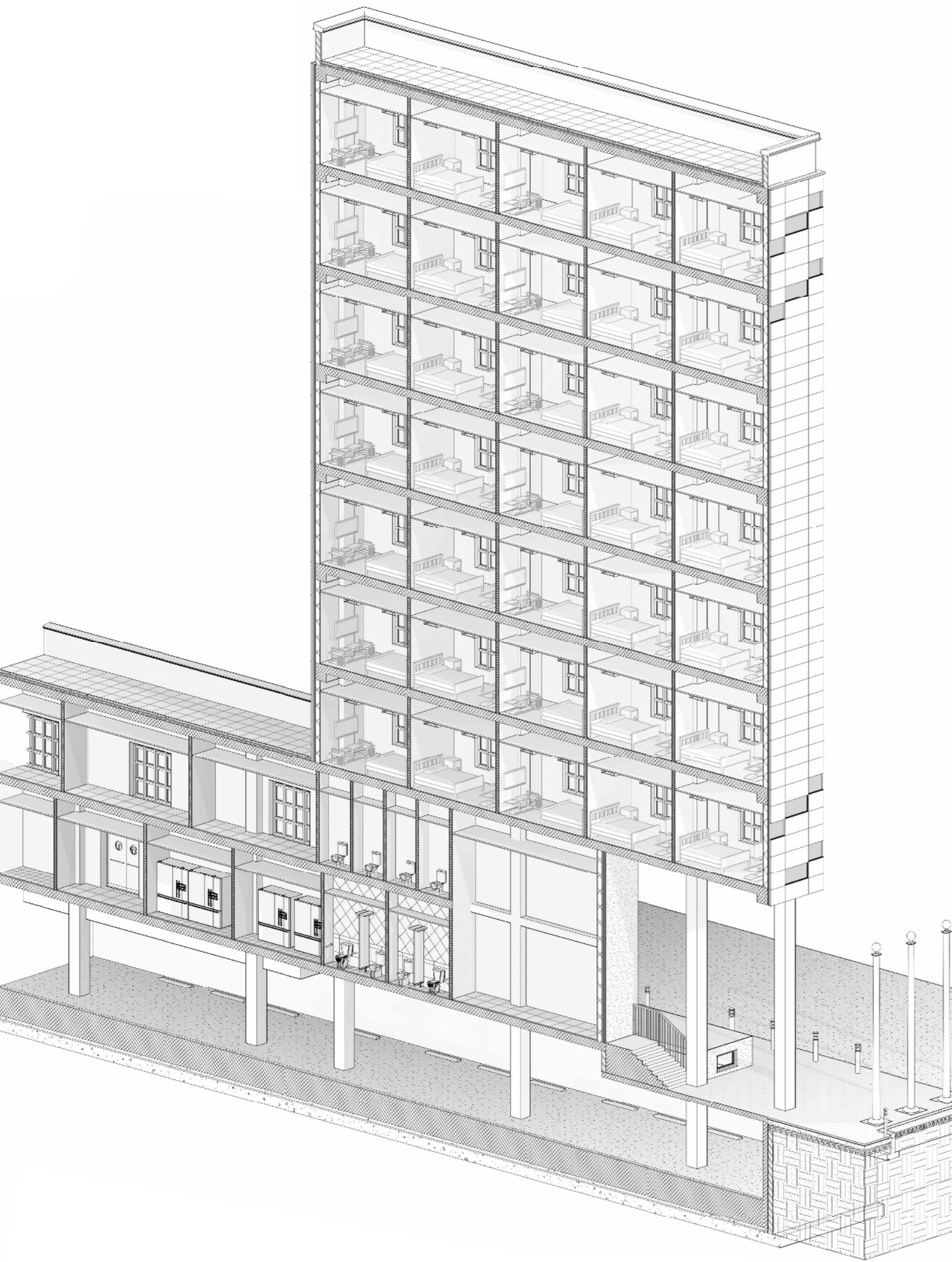
Evaluation



Villa design

Architectural



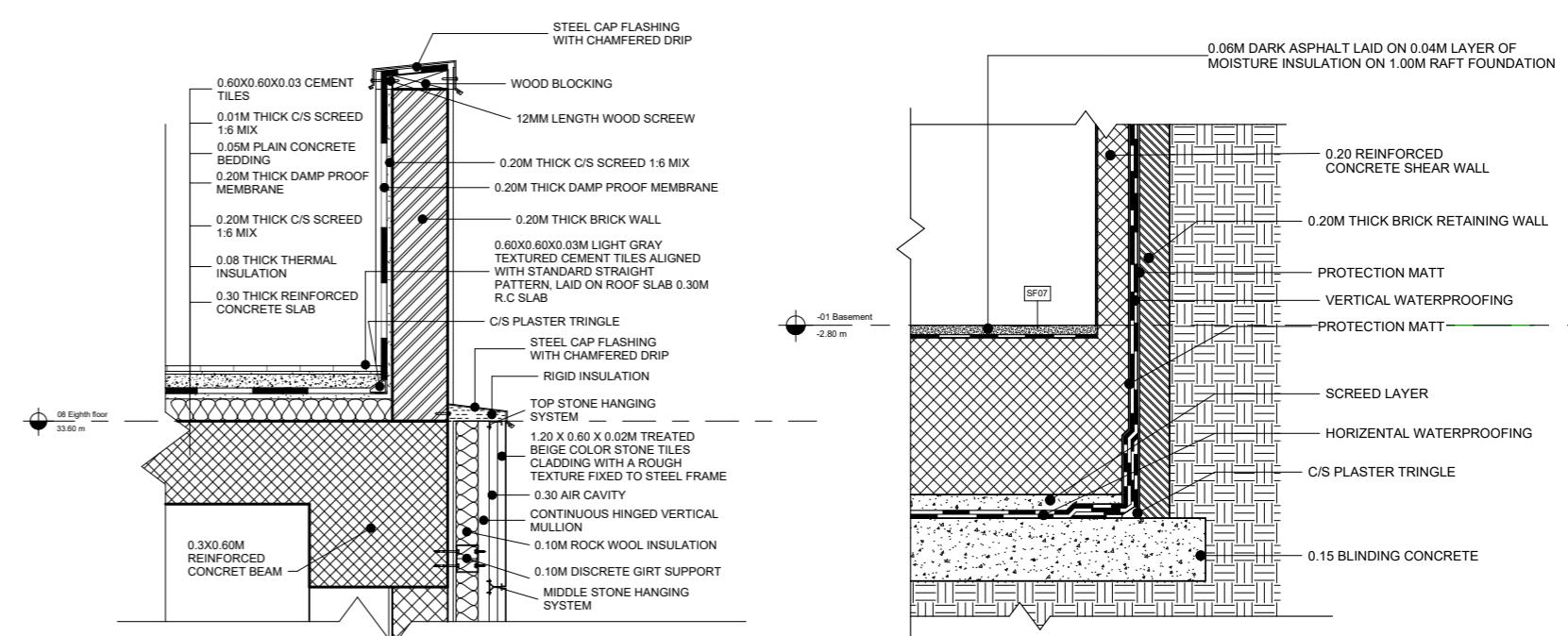
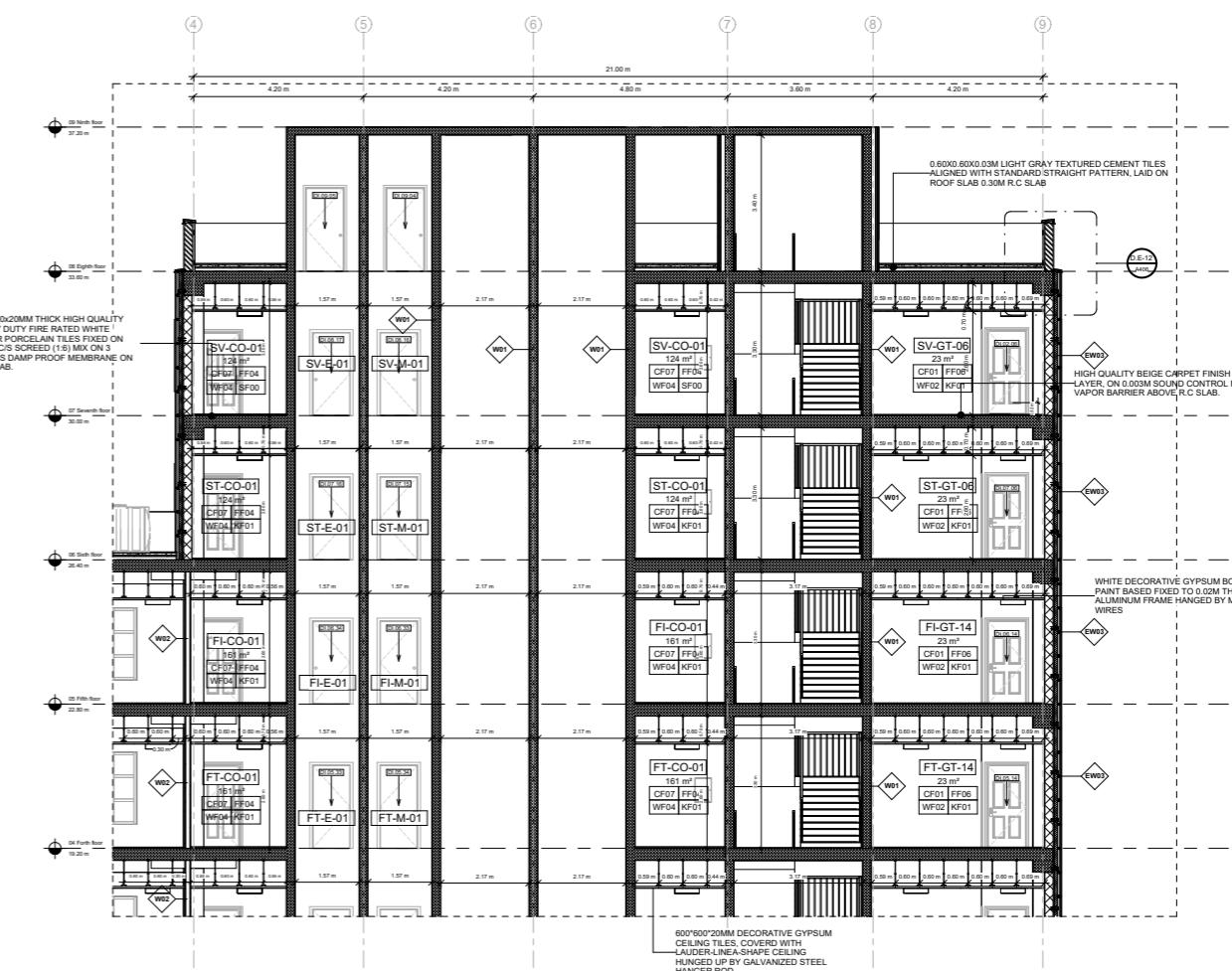
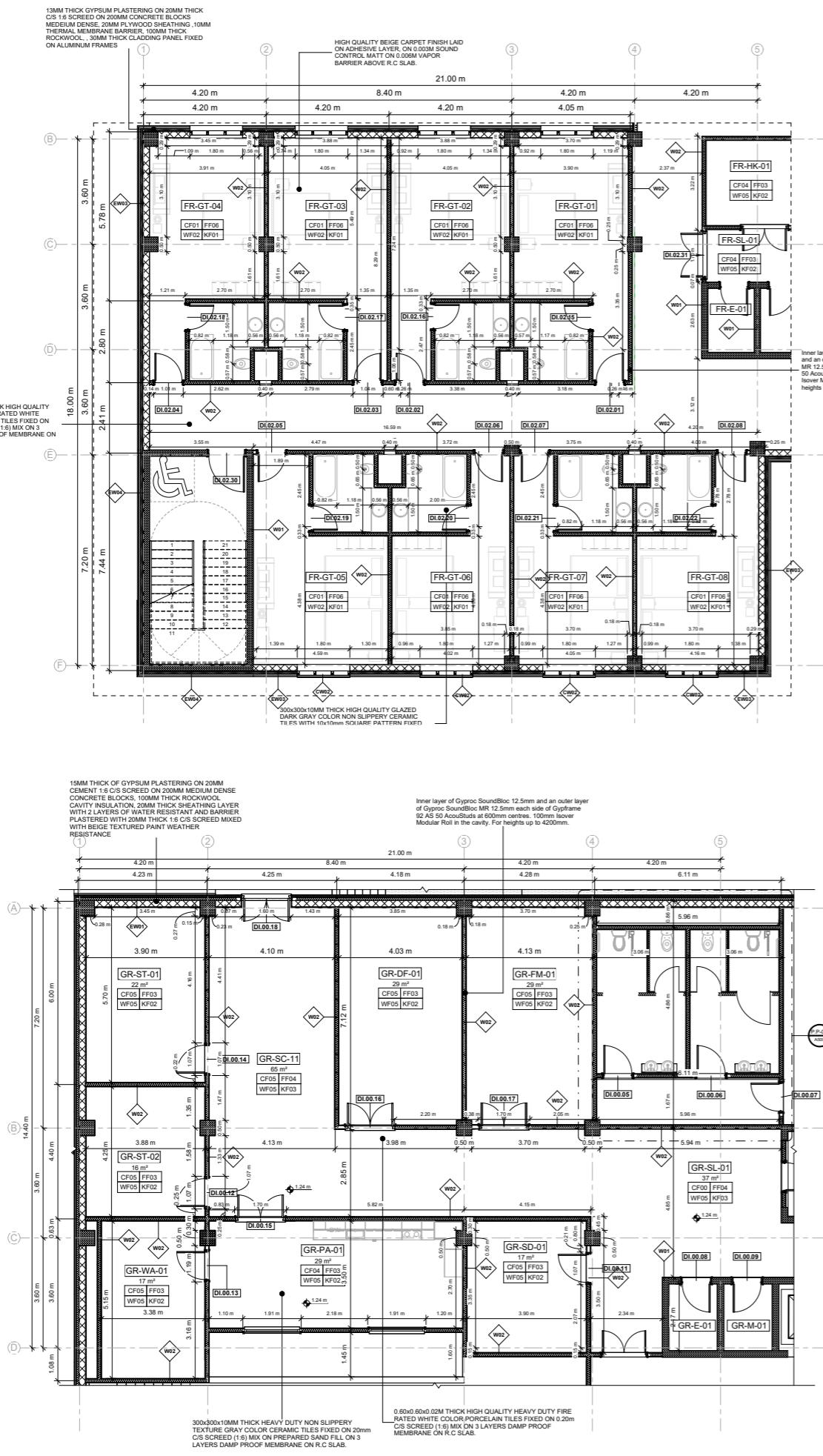


4 - S T A R S H O T E L

W o r k i n g D r a w i n g

Location: Omdurman, Khartoum, Sudan

Planning and defining

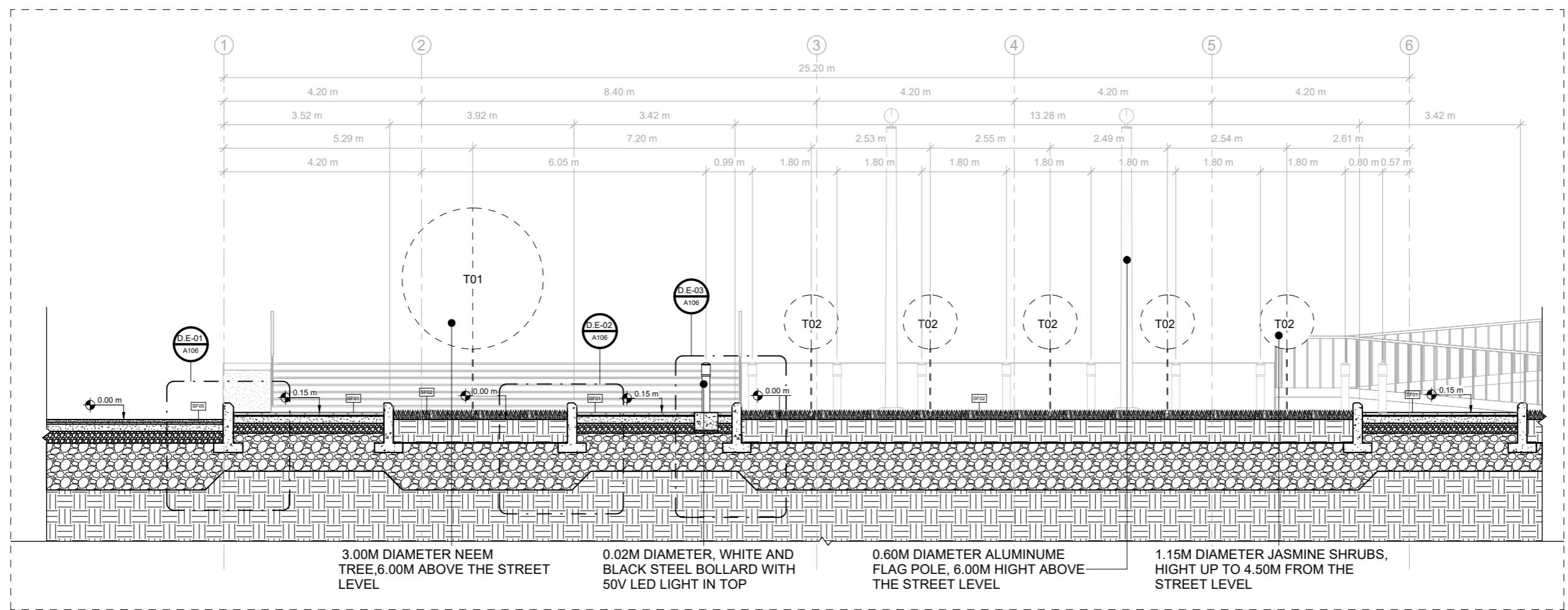


Construction detail

Software | Revit

Landscape detailing

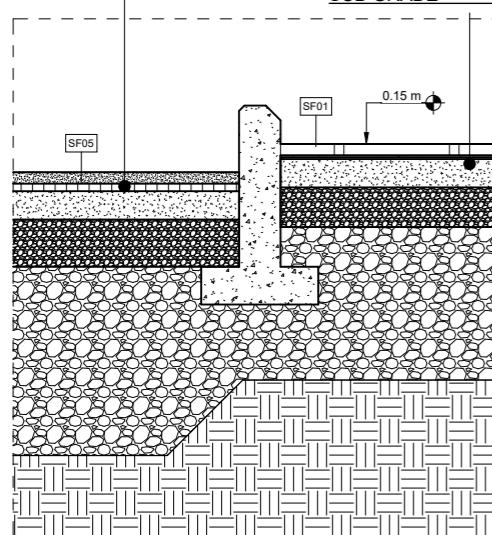
Software | Revit



P.S-01 SITE TREATMENT PART SECTION 01
A103

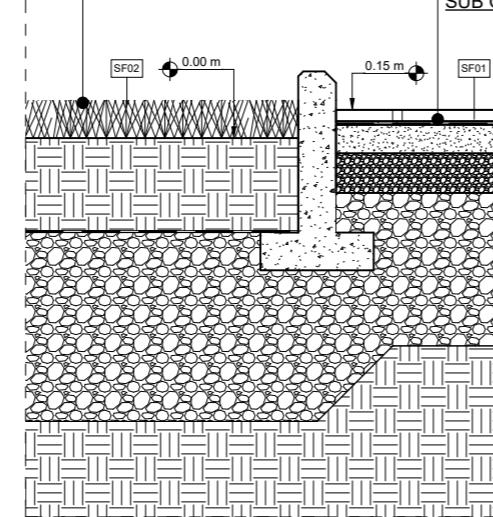
0.06M DARK ASPHALT
0.04M LAYER OF MOISTURE INSULATION
0.15M COMPACTED SAND
0.25M PREPARED GRAVEL SUB GRADE

0.06M GRAY CEMENT INTERLOCK TILES
0.01M C/S SCREED 1:6 MIX
0.01M DAMP PROOF INSULATION MEMBRANE
0.15M COMPACTED SAND
0.25M PREPARED GRAVEL SUB GRADE



GREEN GRASS PLANTATION
0.20M MUD CULTIVATED SOIL
0.01M DAMP PROOF INSULATION MEMBRANE
0.25M PREPARED GRAVEL SUB GRADE

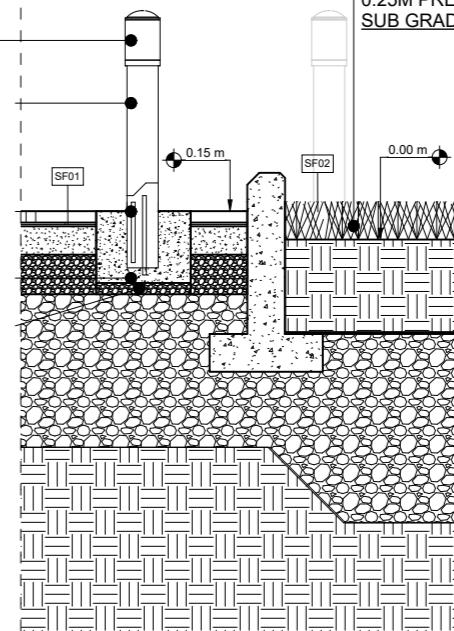
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0.01M C/S SCREED 1:6 MIX
0.01M DAMP PROOF INSULATION MEMBRANE
0.15M COMPACTED SAND
0.25M PREPARED GRAVEL SUB GRADE



LED LIGHT
200MM EXTRUDED ALUMINUM BOLLARD WITH FINISH SPECIFIED

RIGID CONDUIT AS RECOMMENDED BY THE MANUFACTURER
0.40M CONCRETE FOOTING
0.10M GRAVEL BED

GREEN GRASS PLANTATION
0.20M MUD CULTIVATED SOIL
0.01M DAMP PROOF INSULATION MEMBRANE
0.25M PREPARED GRAVEL SUB GRADE



D.E-01 PAVEMENT AND ASPHALT DETAIL
A106

D.E-02 PAVEMENT AND GRASS DETAIL
A106

D.E-03 LAMP POST DETAIL
A106

I n t e r i o r d e s i g n

A r c h i t e c t u r a l



Software | 3dsmax + Corona



Software | 3dsmax + Corona

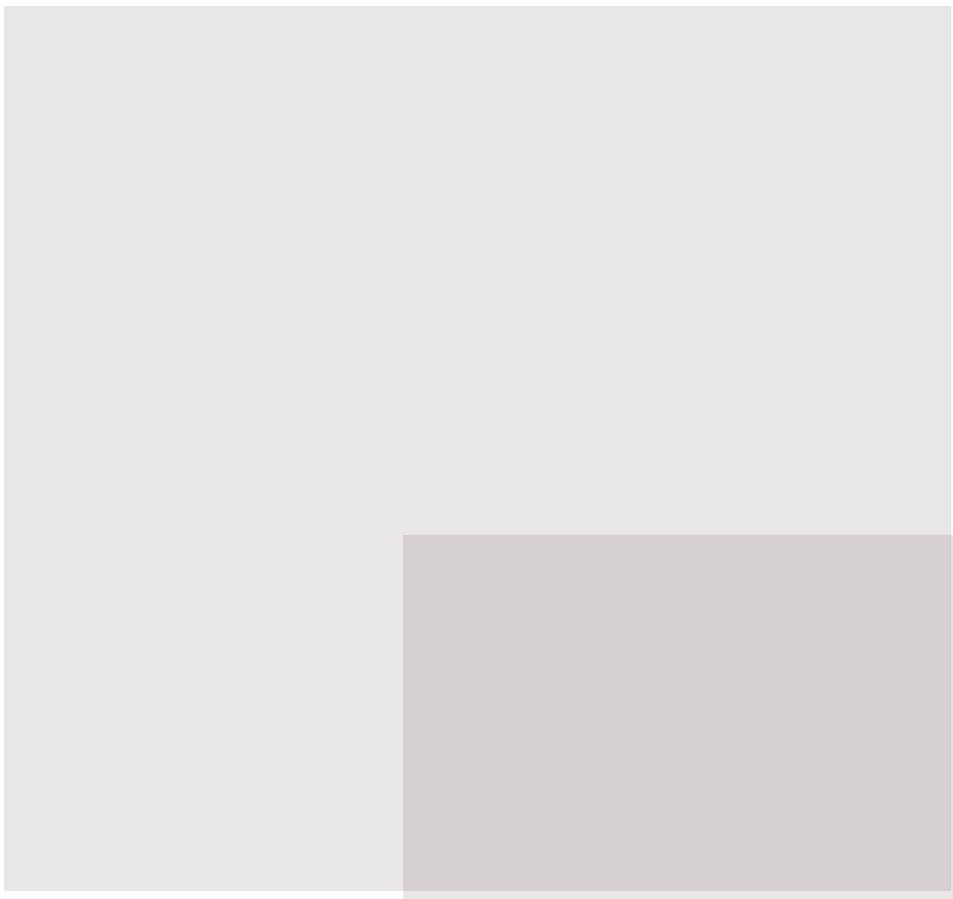


Software | 3dsmax + v-ray



Software | 3dsmax + V-ray





R e n d e r s

3 d v i s u l i z a t i o n

Software | Revit + Lumion



Software | Revit + Lumion



Software | Revit + Lumion



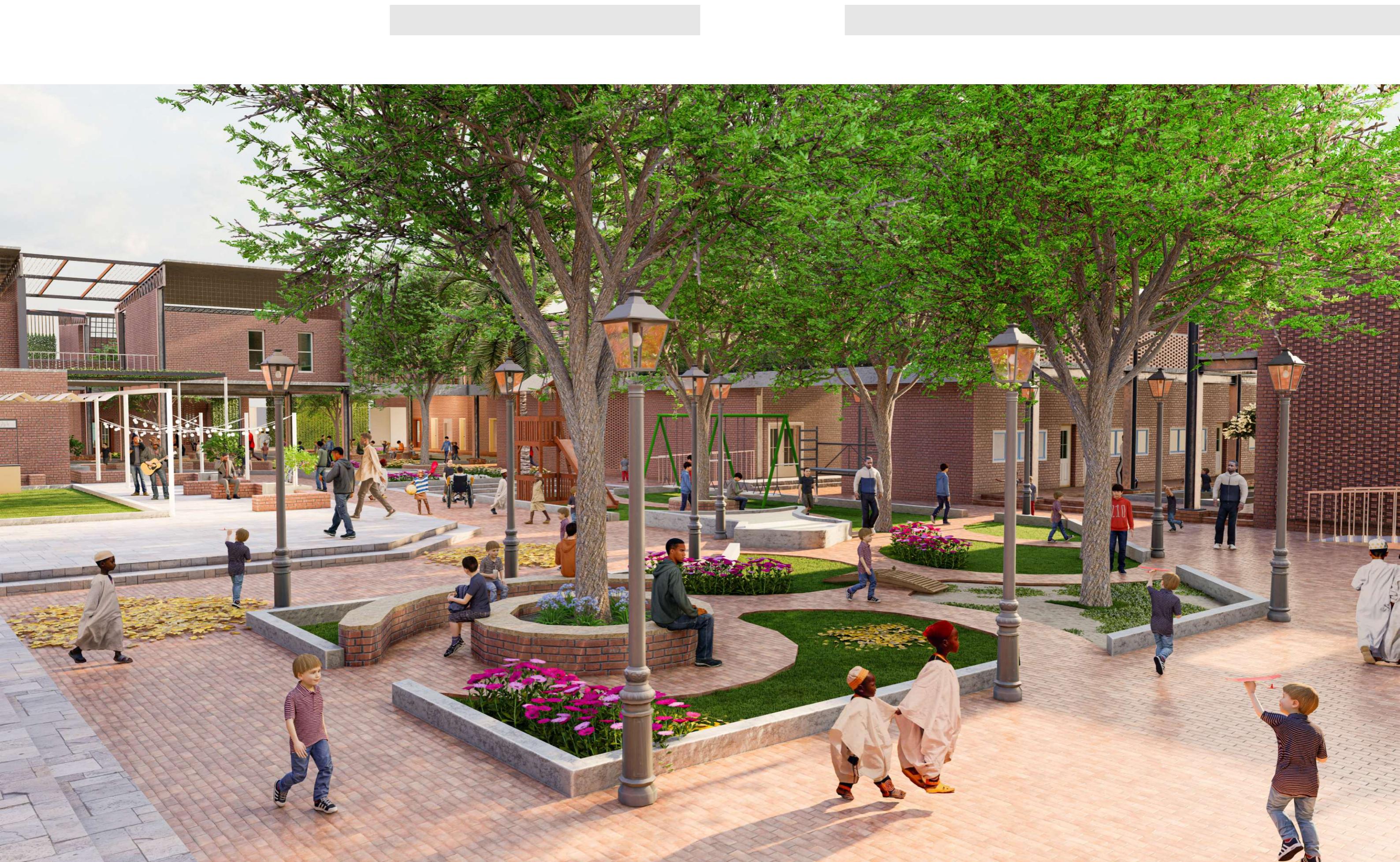
Software | Revit + Lumion



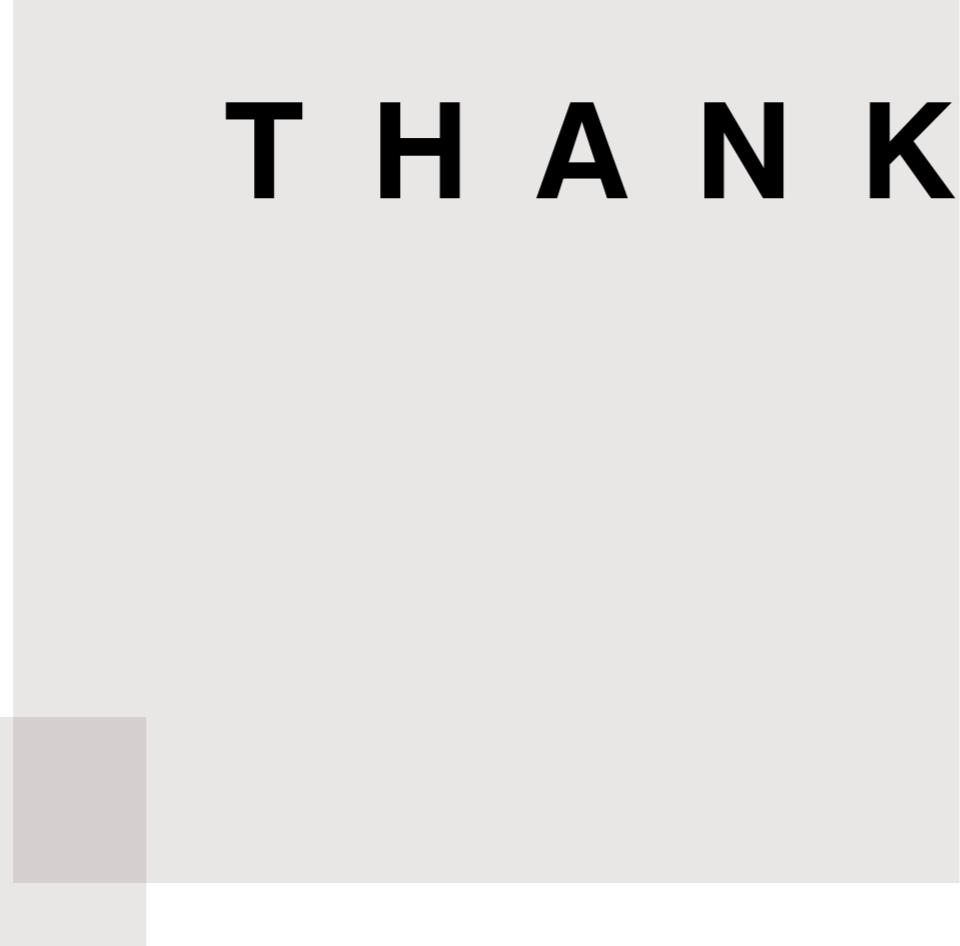
Software | Revit + Lumion



Software | Revit + Lumion



Software | Revit + Lumion + Photoshop



THANK YOU

Contact here

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