

portfolio

Zemran Dawit

“Order amid contradiction and chaos.”



Zemran Dawit Kifle

Architect



Passionate about understanding and experimenting about the surrounding chaos how it became, how it evolves and the future it holds specially in regards to architecture.

I am a team player who also works well independently to handle assignments and is always ready to go beyond basic assignments. I'm a quick learner with good computer abilities. Hard-working and reliable designer focused on going above and beyond to support the team and offering good design and documentation abilities. I am motivated to continue to learn and grow as an architect.

... please enjoy my selected works

Zemran Dawit Kifle

Architect

Contact

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Addis Ababa, Ethiopia

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Education

Bsc, Architecture

Addis Ababa Science And Technology University

Addis Ababa, Ethiopia

Highschool diploma

Bisrate Gabriel School(Dire dawa)

Skills

+Coordinate events.

+Public speaking

+Verbal communication

+Collaboration

+Resourcefullness

Affiliations

Member, Wetopia Architects community(2021-present)

Software skills

2D documentation

AutoCAD



Vector works



3D Modeling

ArchiCAD



Revit



sketchup



Rhino



Grasshopper



Presentation(Graphics)

Photoshop



Illustrator



In design



Rendering

lumion



Vray



Enscape



Other skills

Microsoft Office, ArchGis, Model Making, Hand Drafting

Experience

**Public Relations Offices, Addis Ababa Science and technology university
Arch Club.**

+ Developed integrated communication products, including print publications and social media postings.

+ Cultivated strategic relationships with outside organizations and events, including exhibitions and conferences.

+ Advised the group's managers on business decisions and how to manage transitions with successful communications strategies.

+ built a strong network of partnerships with the student community, academic departments, and public interest groups to further PR objectives.

Intern Architect, Nimonah consulting architects engineering and construction work plc.

+ designed architectural site maps and buildings (I have participated in the design team.)

+ developed conceptual design presentations, construction documents, and floor plans.

+ utilized Cad Softwares to design and present 3D models of proposed locations to senior architects.

+ created initial sketches by hand and produced advanced computer renderings of designs with [software].

+ used computer-aided design tools to prepare scaled drawings and full-scale architectural designs.

Librarian, Bisrate Gabriel School,

+ maintained library catalog system, classification and circulation systems to facilitate reference and research services.

+ brought in new paid and volunteer library staff to meet the location's short-and long-term operational needs.

+ checked books in and out of the library.

+ maintained equipment in good working order with regular upkeep such as changing bulbs, batteries, and lenses.

Volunteer teacher, La salian award and charity.

+ researched and selected relevant texts to illustrate core class topics and themes.

+ I lectured on selected texts and discussed underlying themes to encourage critical thinking.

+ supported lesson plans with unique and engaging instructional videos, activities, and discussions.

content

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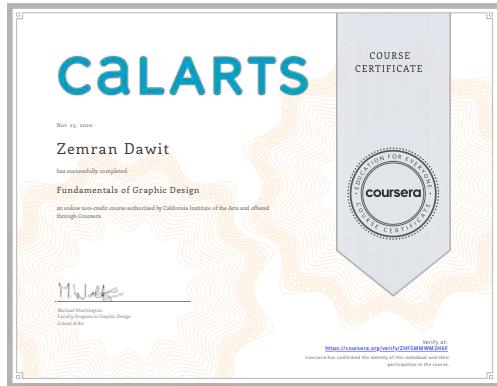
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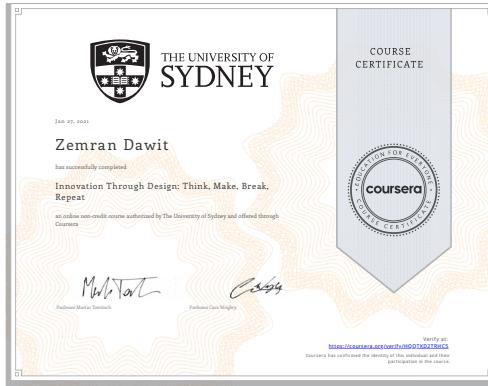
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Certifications



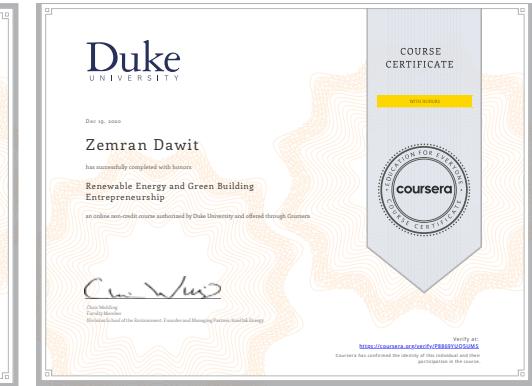
Fundamentals of Graphic design



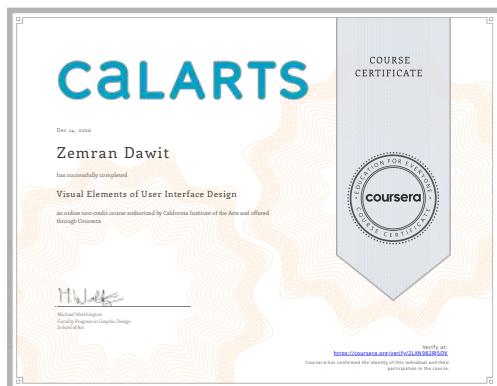
Innovation through Design



Making Architecture



Renewable Energy and Green Building Entrepreneurship



Visual Elements of UI Design



Developing An Entrepreneurial Mindset



Greening the Economy: Sustainable cities



Organising an event

School Projects



Apartment (2018/19)

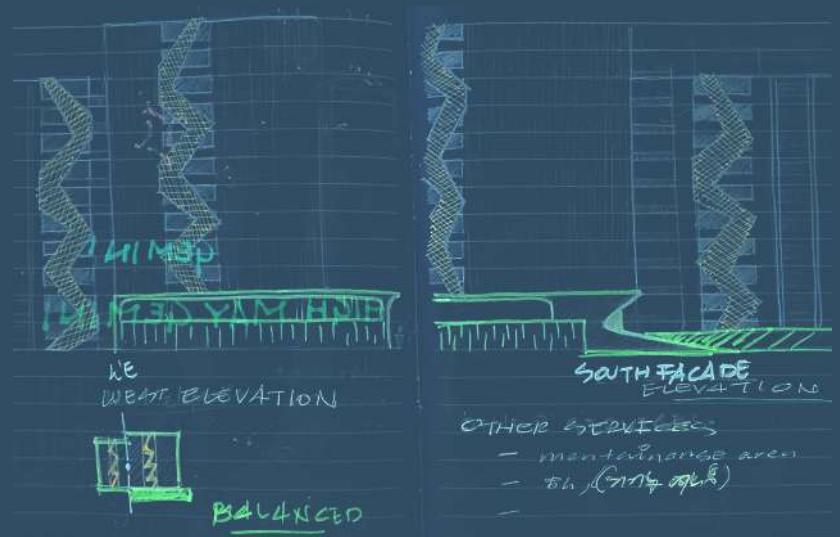
Goal

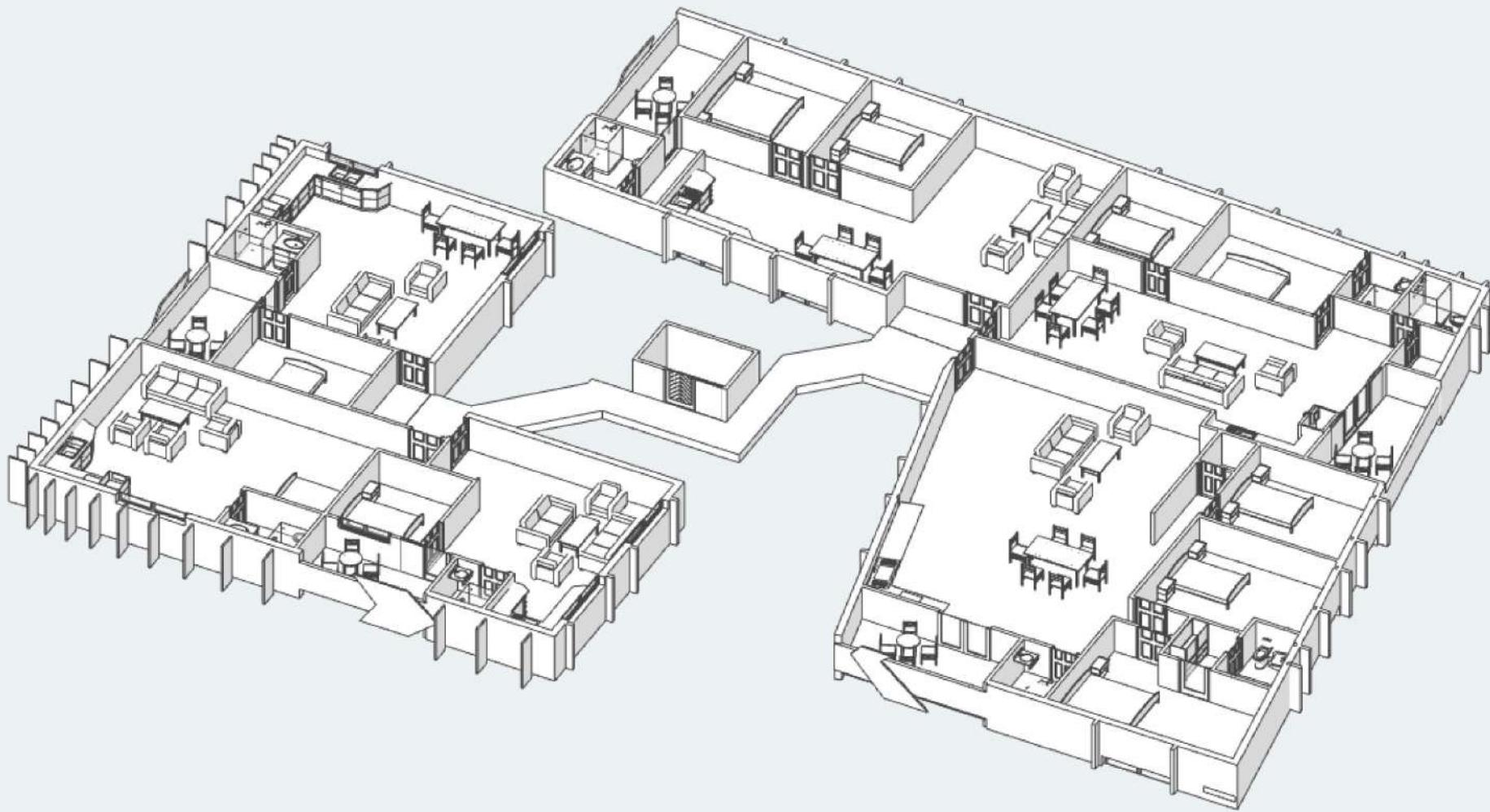
Creating an apartment which is influenced by Characteristics of Ancient architectures.

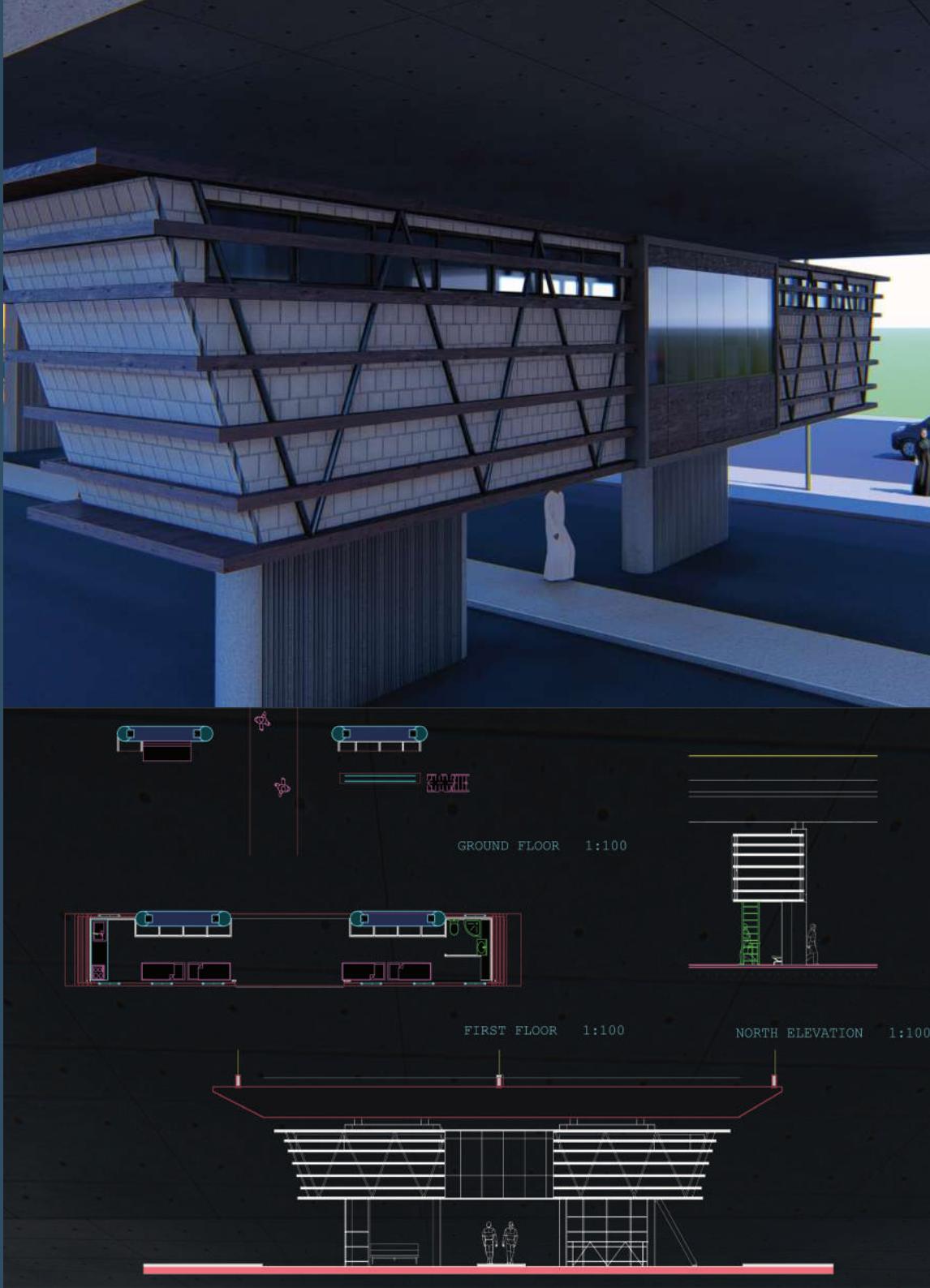
+ Innovative Solution - creating a cloth drying panel which will act as a facade treatment also. this will prevent the ugly image created due to the cloths.

Tools

SKETCHUP + ARCHICAD + LUMION







ALTERNATIVE HOUSING (2020)

Goal

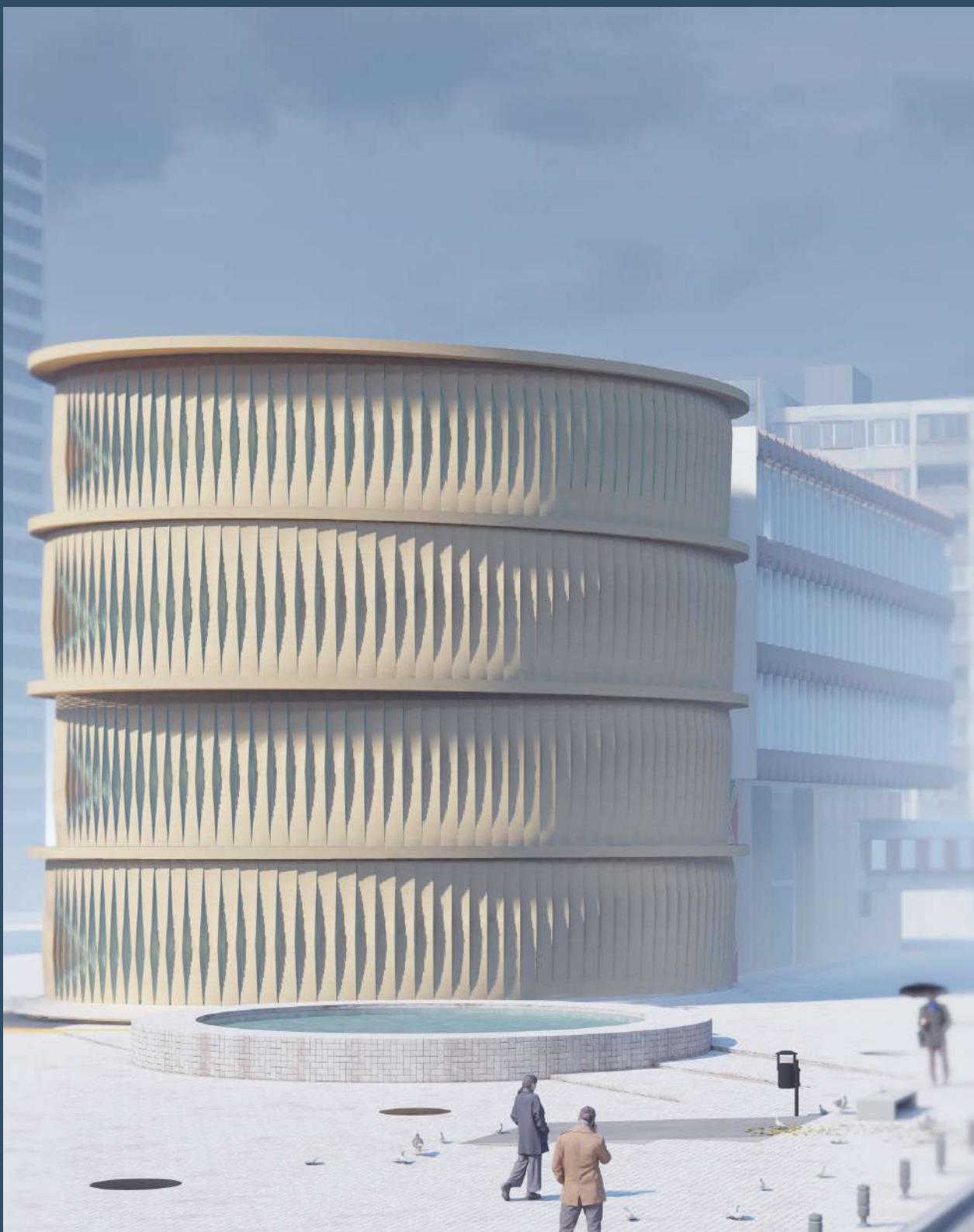
To develop an alternative housing for children who unfortunately live on the street, this project aims to have a parasite structure on the bridge which will structurally depend on it and the housing will be made from recycled plastic and fiber.

- + steel is the structural material.
- + it will not interrupt the normal day to day function of the space.

Tools

ARCHICAD + LUMION





Museum (2020/21)

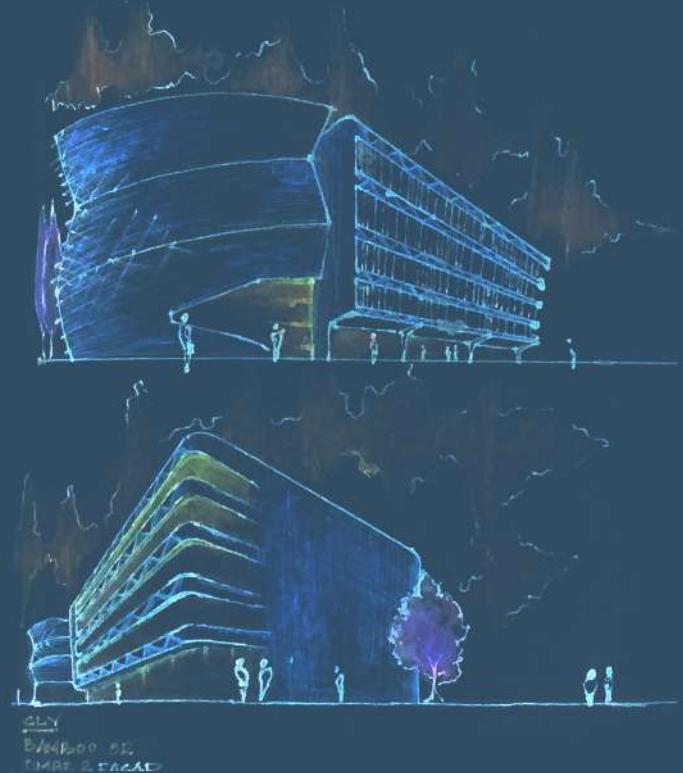
Goal

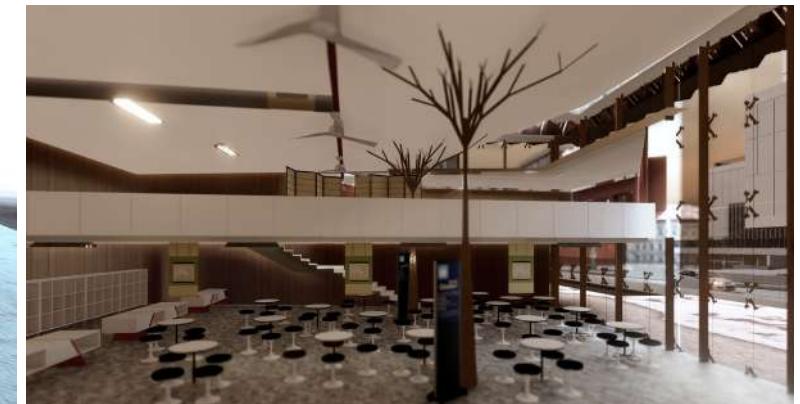
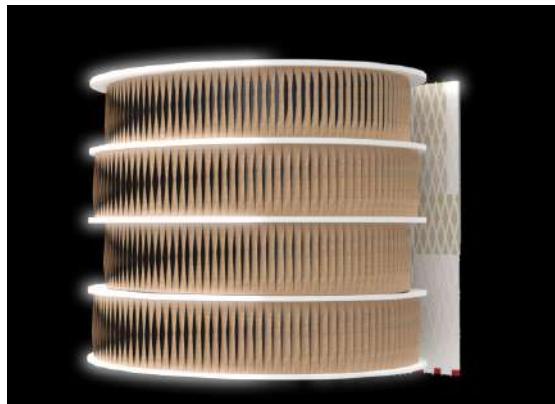
Creating an Art gallery + museum around meskel square the current bus station

+ Innovative Solution - creating a secure central circulation for the art storage and transportation. this design will provide a spacial experiance which vissually connects each exhibition area and creates a sense of wholeness.

Tools

RHINO + ARCHICAD + LUMION





Gate (2021)

Goal

Creating an Entrance Gate which is more of a transitional space rather than being a barrier from one space to another

+ Innovative Solution - a holistic solution to the triad of issue(making an iconic figure, place of transition, social place making.)

Tools

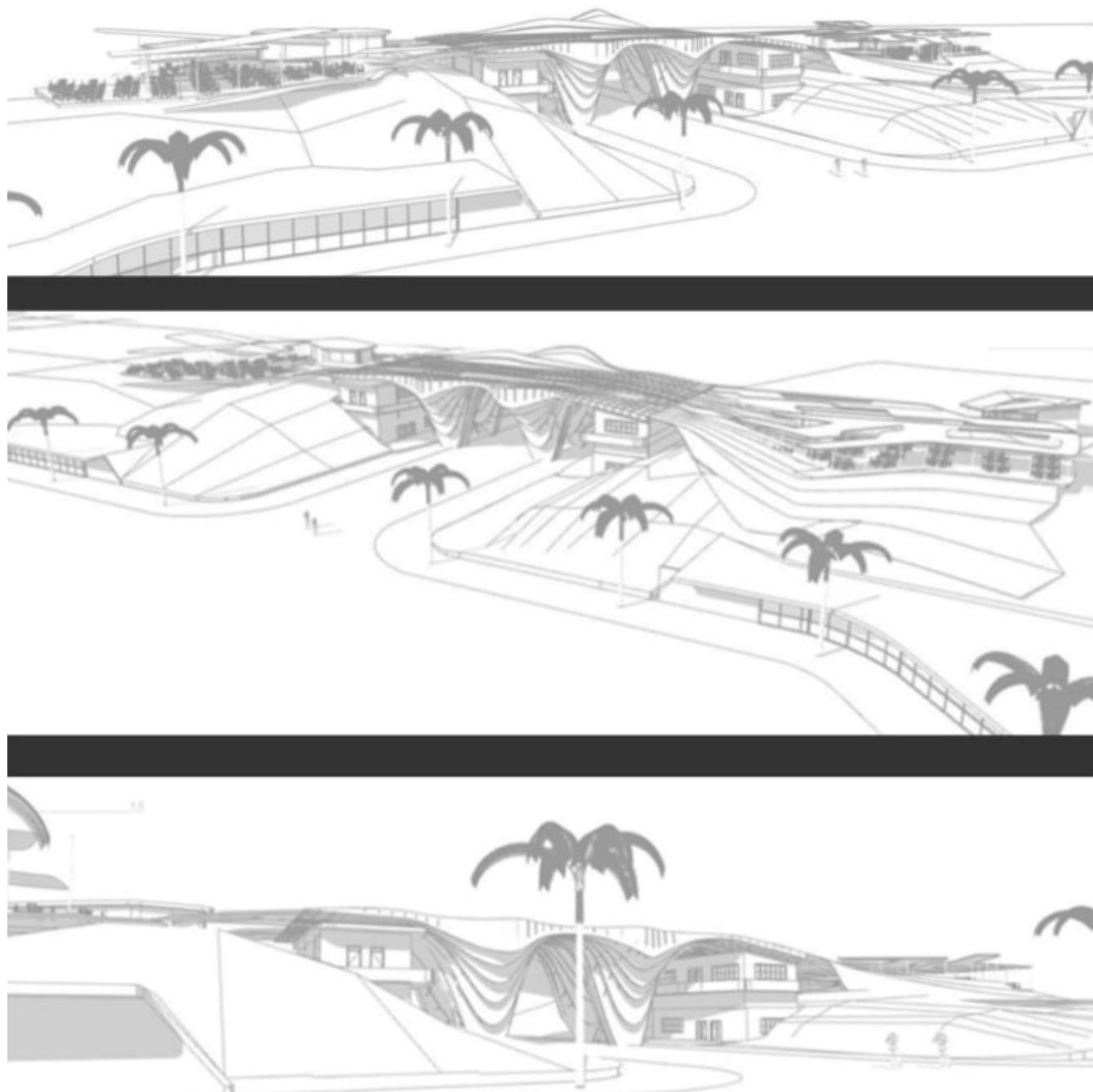
RHINO + ARCHICAD + LUMION



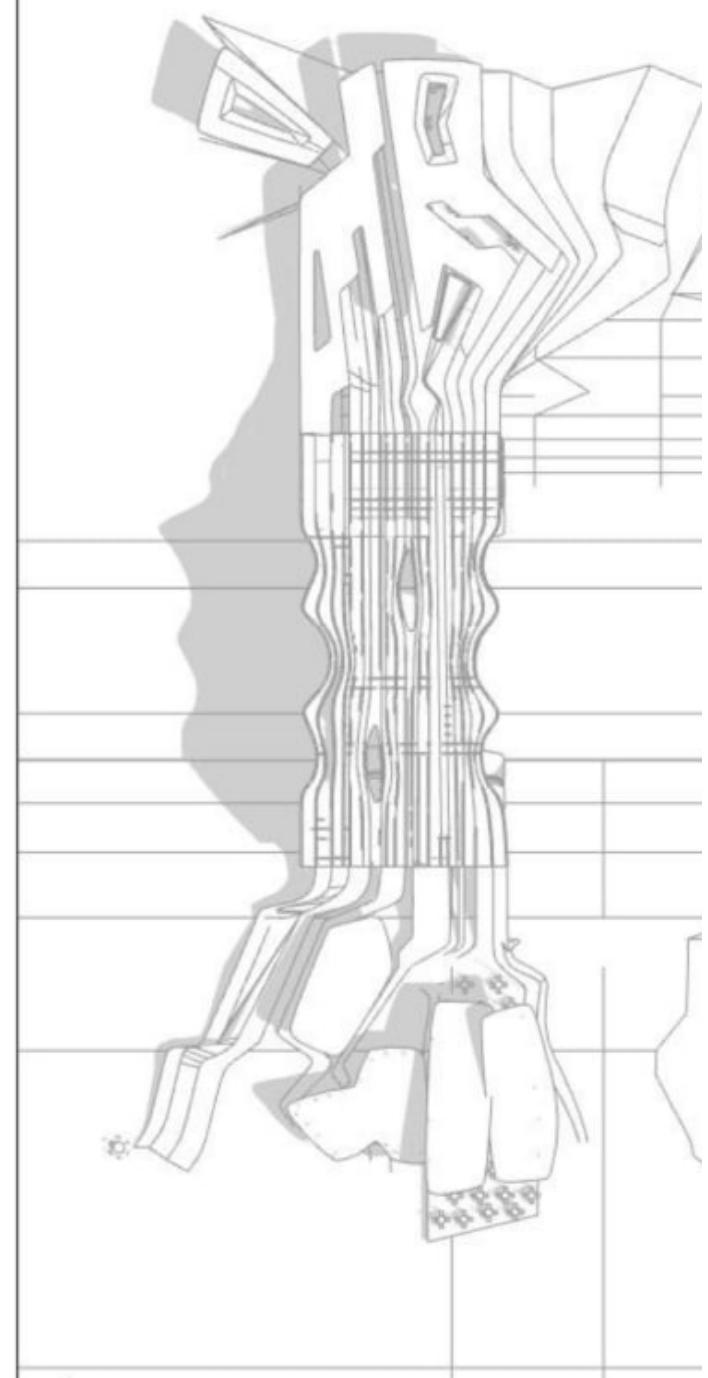
Place making —
by creating points
of interaction to
creat and improve
the existing social
interactions!

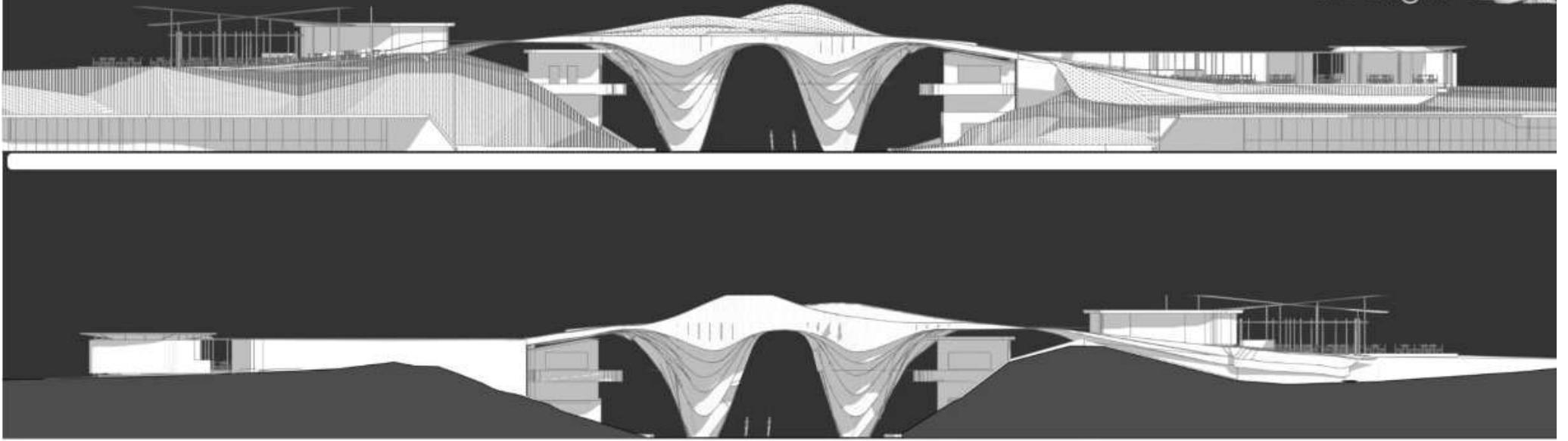


AXONOMETRIC VIEW

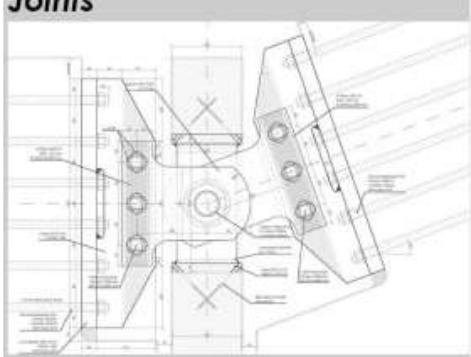


SITE PLAN





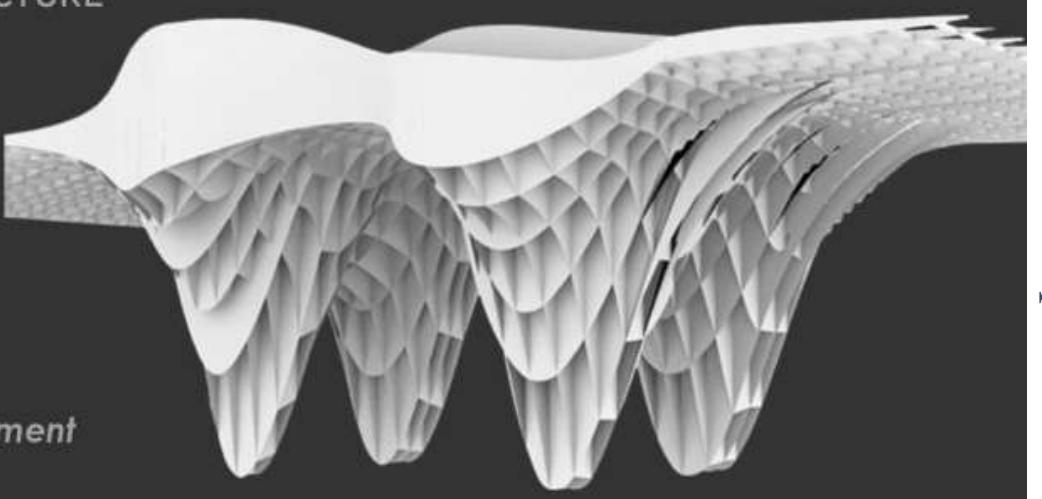
Joints



To avoid long cuts on each member which can hinder the durability and structural compressive strength against live load. I have chosen a steel joint which will allow a continuous tensile path to not compromise the tensile resistance but to keep the durability of the whole structure intact.

At the base the structure will have a concrete base and four pad foundations.

WAFFLE PARAMETRIC STRUCTURE



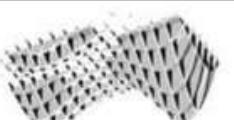
*directional members development
Via Rhino | grasshopper.*



X AXIS



Y AXIS



MESH MODELING



JOINT X AND Y AXIS



WAFFLE STRUCTURE SYSTEM



MUSEUM (2021/22)

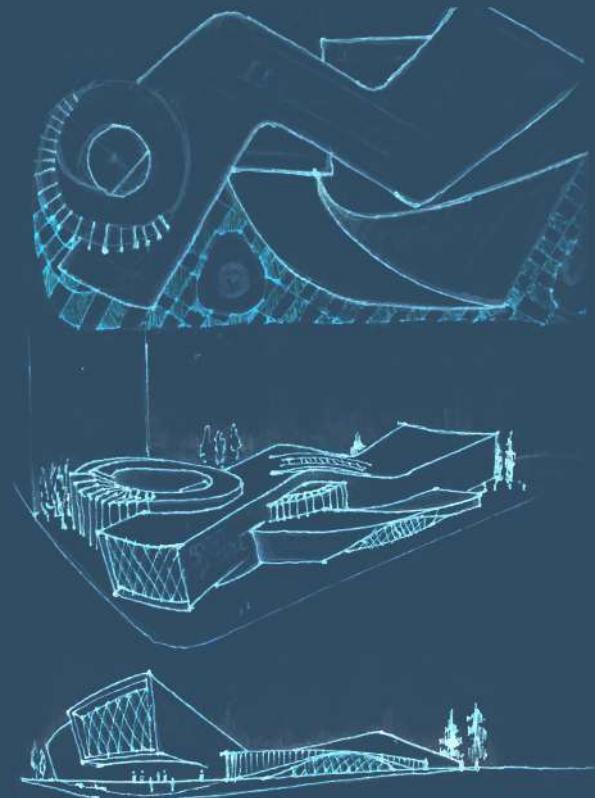
Goal

Creating a museum of Art and history which preserves and enhances the site character.

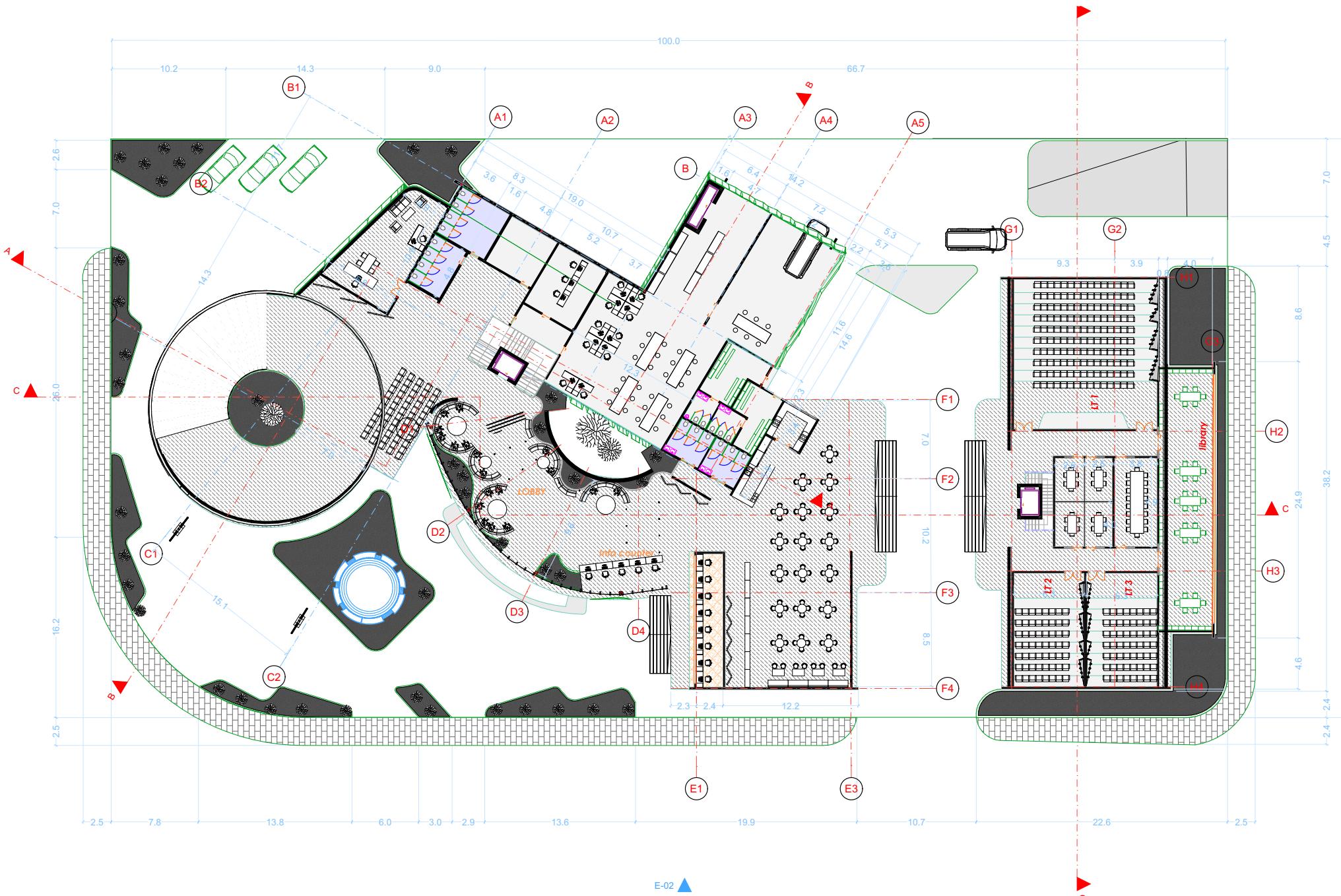
+ Innovative Solution - creating a spatial experience which represents the site as a display and it will provide a window to the iconic Lagar station (the site is the current shebele garment)

Tools

RHINO + ARCHICAD + LUMION









CoHousing (2022)

Goal (Thesis project)

Creating an apartment which aims to balance the phenomena Individual privacy and Social privacy.

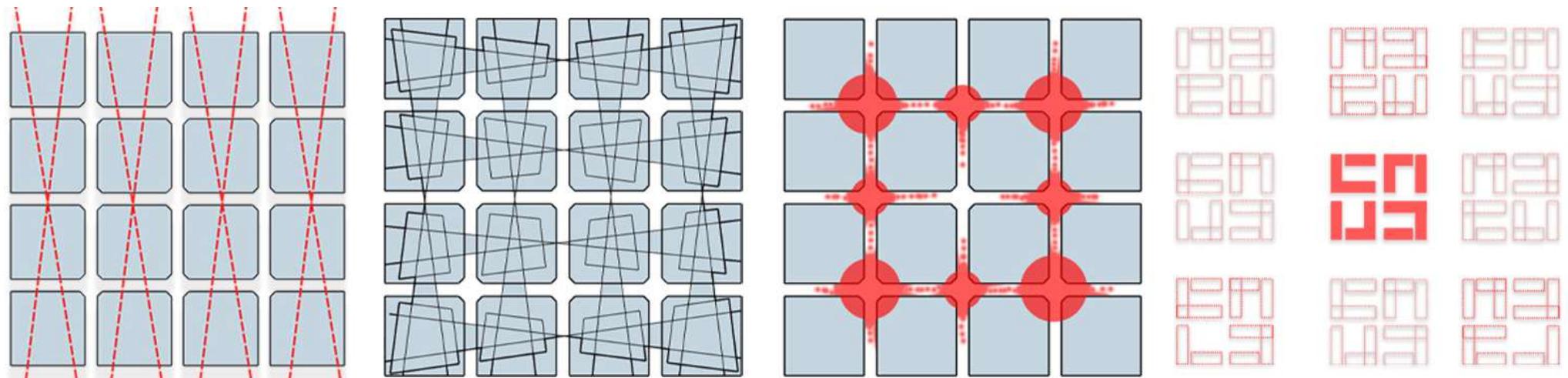
+ Innovative Solution - devicing design guides to balalnce the phenomena based on the space syntax analysis and space layout iteration.

(I can provide documentation if necessary)

Tools

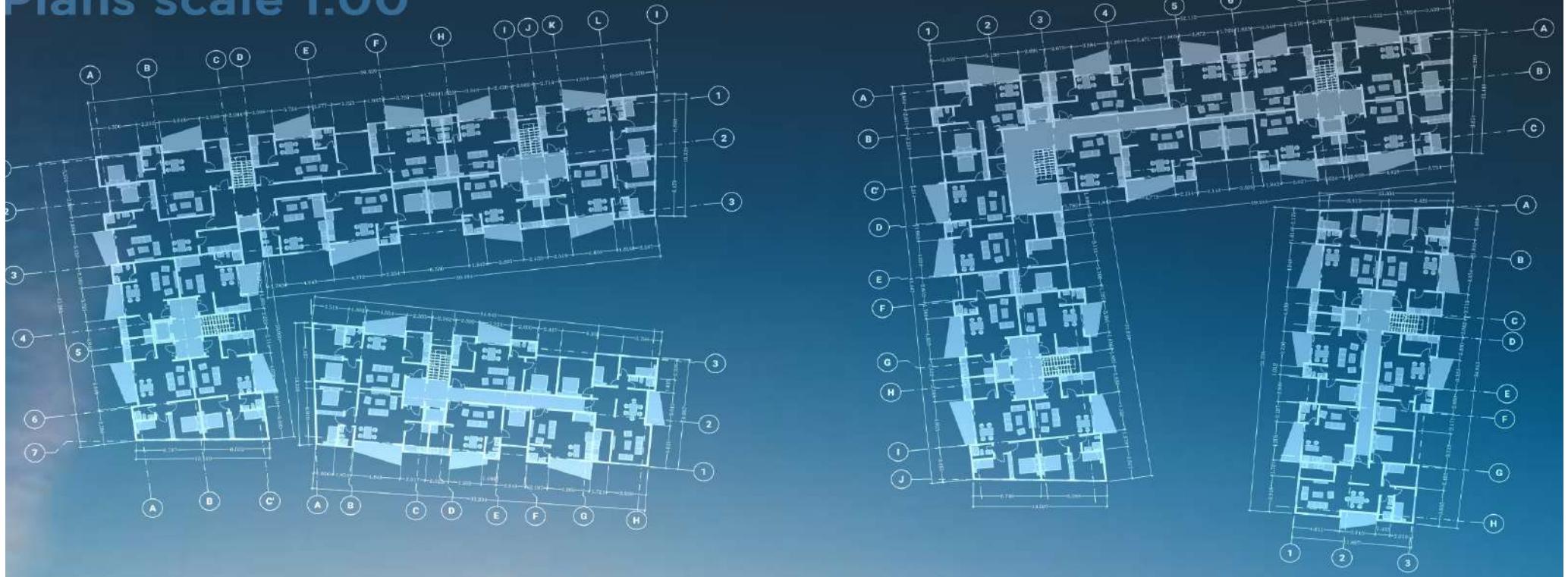
RHINO + ARCHICAD + LUMION



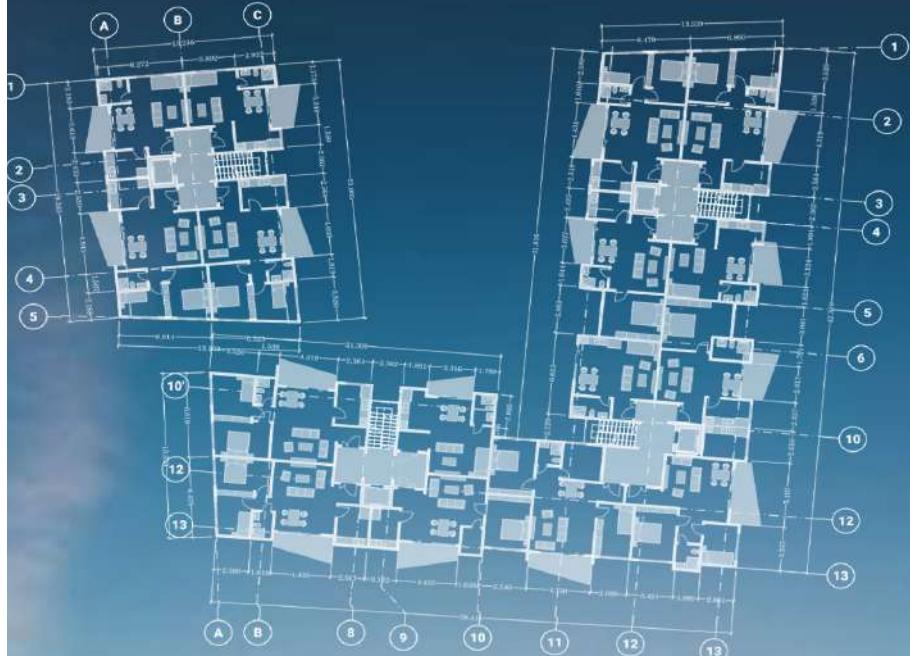




Plans scale 1:00



First floor Plans scale 1:250



Housing (2021)

Goal

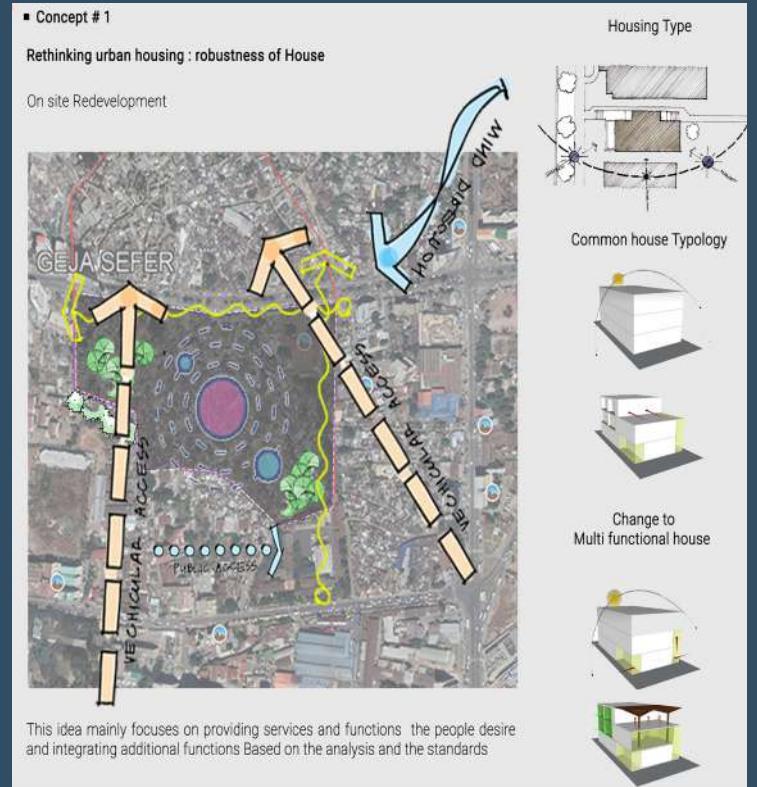
Creating an inner city development at Geja sefer.

This was a group project

I have mainly participated in designing the Housing units which aim to produce an affordable housing with a compact design.

Tools

SKETCHUP + ENSCAPE





Concept # 2

Nurturing the social culture of the Community and creating a means to enhance their economic level by integrating their way of life and their working environment.

1 During the analysis, we came to understand that social life and participation in communal occasions are the basic core of the society, so keeping this culture forward will maintain the strong bond among the society.

2 And one of the other main finding was that the economic level of most of the society is very low, and the community is in desperate need of opportunities or mechanisms to create a job or a means of generating incomes.

Concept # 3

Sustainable low-income housings generated from the recycled construction materials from the environment.

Sustainability is the integration of environmental health, social equity and economic vitality in order to create thriving, healthy, diverse and resilient communities.

Since most of the society in the site live in a very poor conditions, creating affordable housing should be the priority. In order to do that, using the recycled materials while maintaining the environment is a reliable way.

Design Approach**LIFE****SPACE****BUILDINGS****Existing site Situation****Concept Design Approach**

- * Provision of these spaces closer to the houses conserves the social life of the site and creates a less crowded and less pollutant livable space
- * communal-social rooms for social activities and slaughter are also designed between dwellings so that people do not go far to find these activities



Side Projects

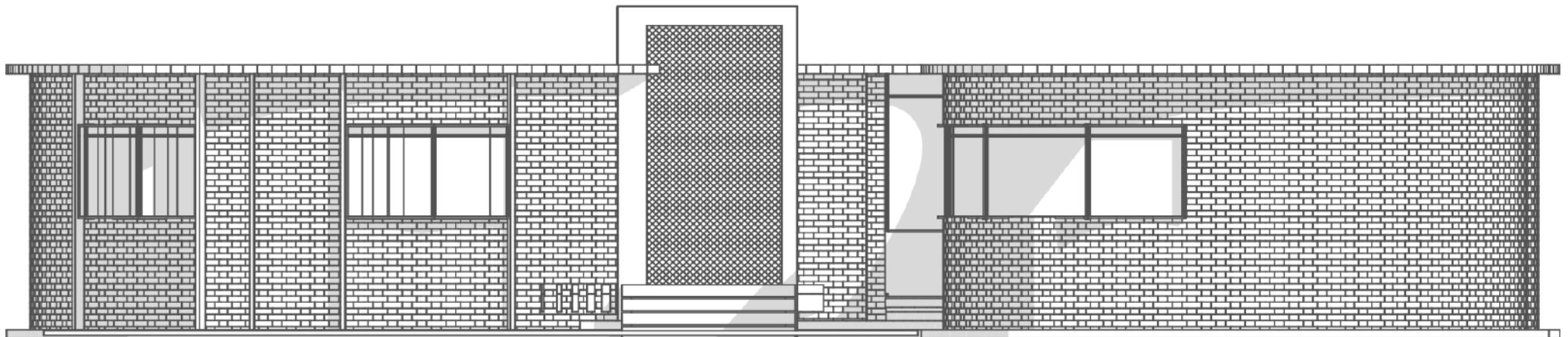


Goal

To create a residence based on the local and traditional life style and to develop a housing system that will potentially make living easier and increase the comfort level.

As reference I have studied and used techniques from Japanese architecture. As a result the residence came out as a single furniture piece and it will have its spaces separated by level difference and storage space are made as component of the building and not as additional objects.

Tools: SKETCHUP + ARCHICAD + LUMION





Goal

To create an urban area |kebele house|
for small towns which I designed based on traditional housing characters and settlement pattern characters of our traditional communities.

+ It is a vernacular design which will only have cost of the roof . AKA - material is mud and straw. It will have mud walls and mud finish(clay coating)

Tools: RHINO + LUMION



Museum alteration (2021)

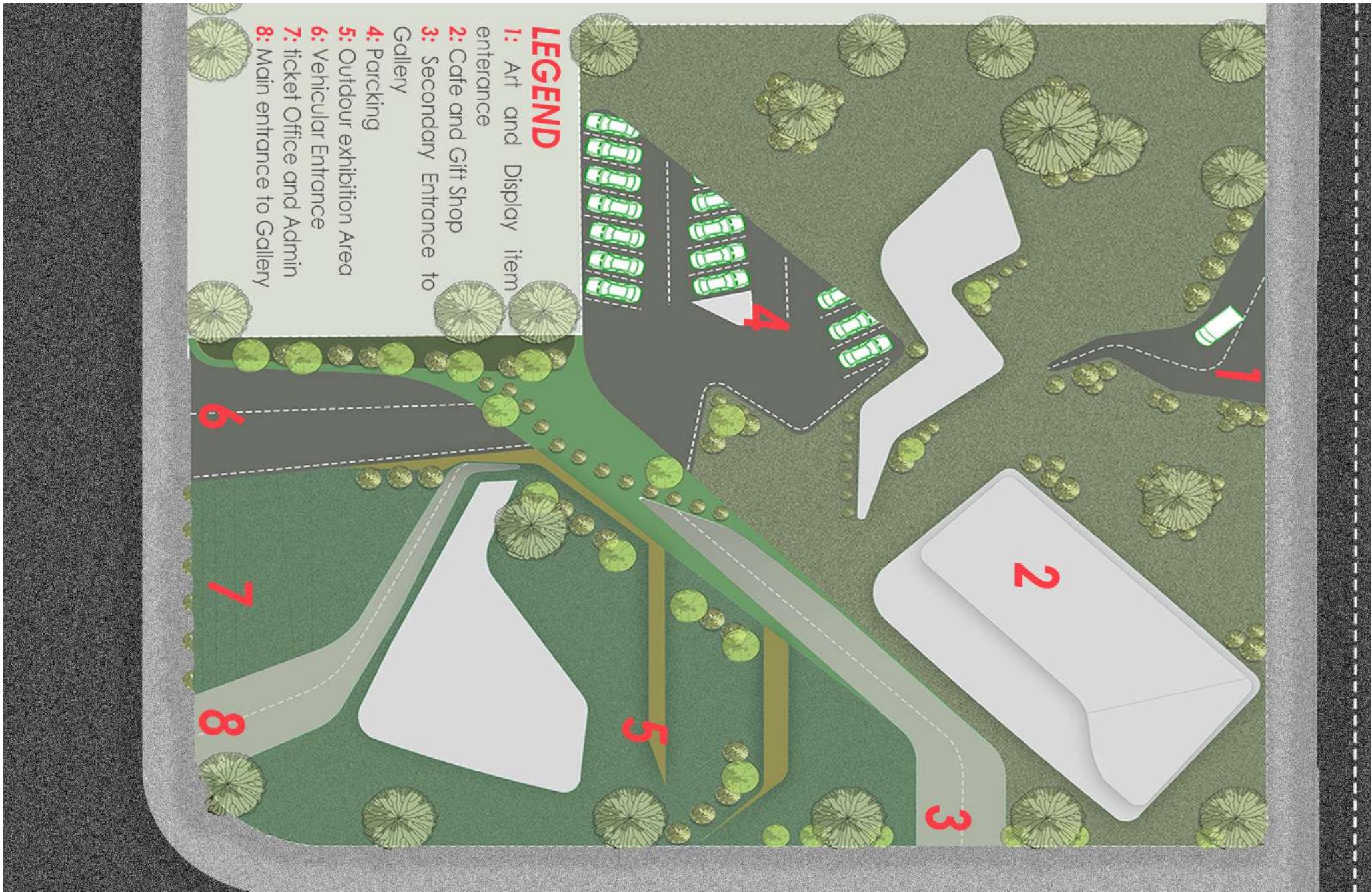


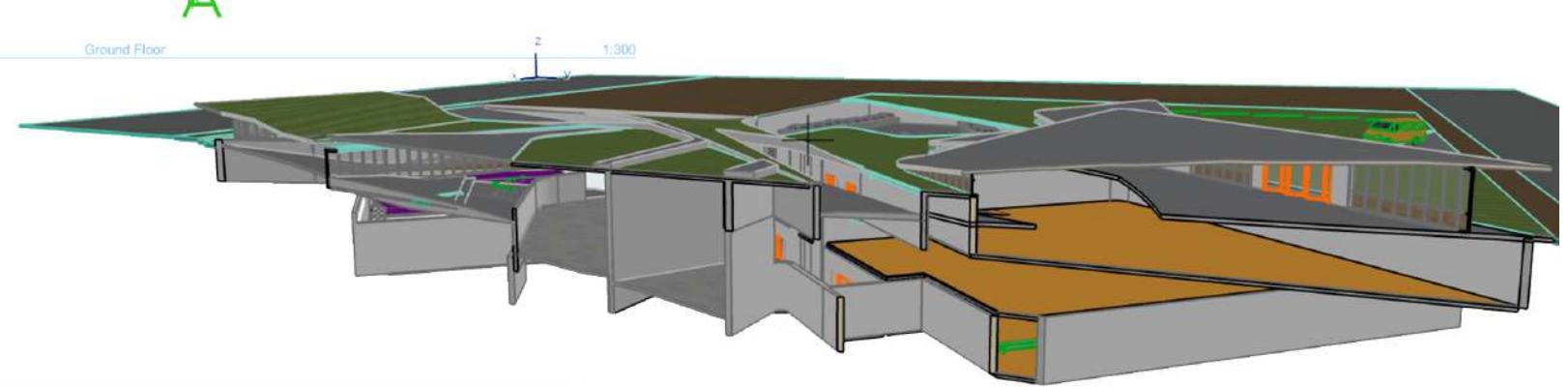
Goal

To create an underground museum with high security and which creates an opportunity for urban park above it to hold public ceremonies.

+ It is an art bunker to provide with an experience of enhanced route Experience.

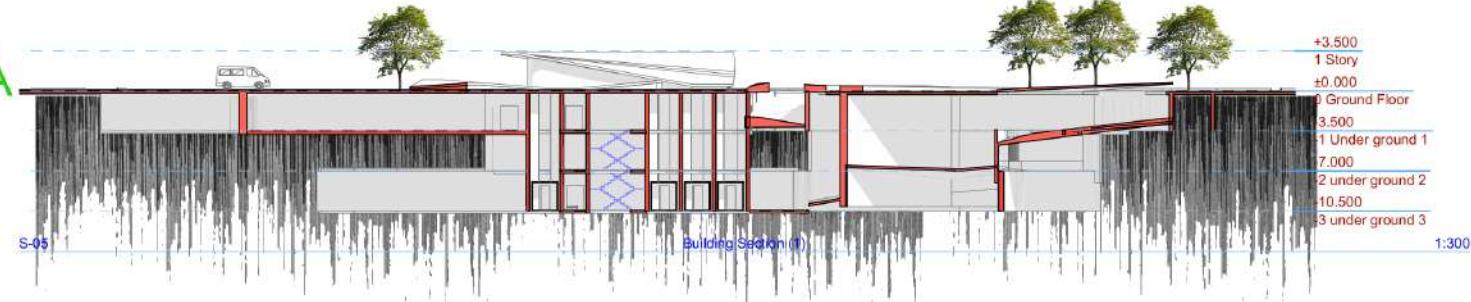
Tools: RHINO + ARCHICAD + LUMION





Sections

Section : AA



Section : BB



Section : CC



Internship works

Podium of an office tower (2021)

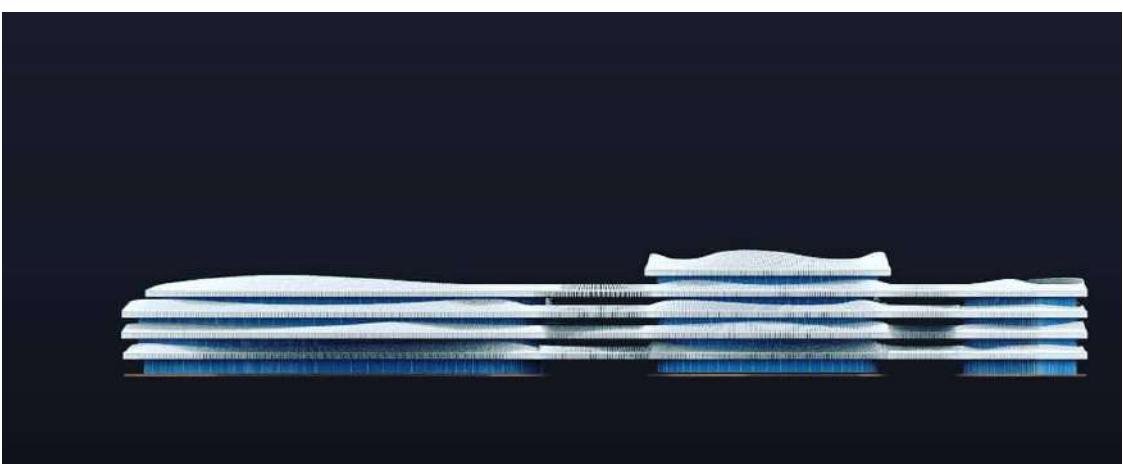


Goal

To create a Five story podium which will serve as a shoping mall plus an interance to an office and hotel buildings.

This is done for internship program at NIMONAH CONSULTING ARCHITECTS ENGINEERING AND CONSTRUCTION WORK PLC.

Tools: RHINO



Graphic works



ST. GEORGE SPORT CLUB

REBRANDING



HOME



AWAY



ALTERNATIVE



ETHIOPIA COFFEE SC

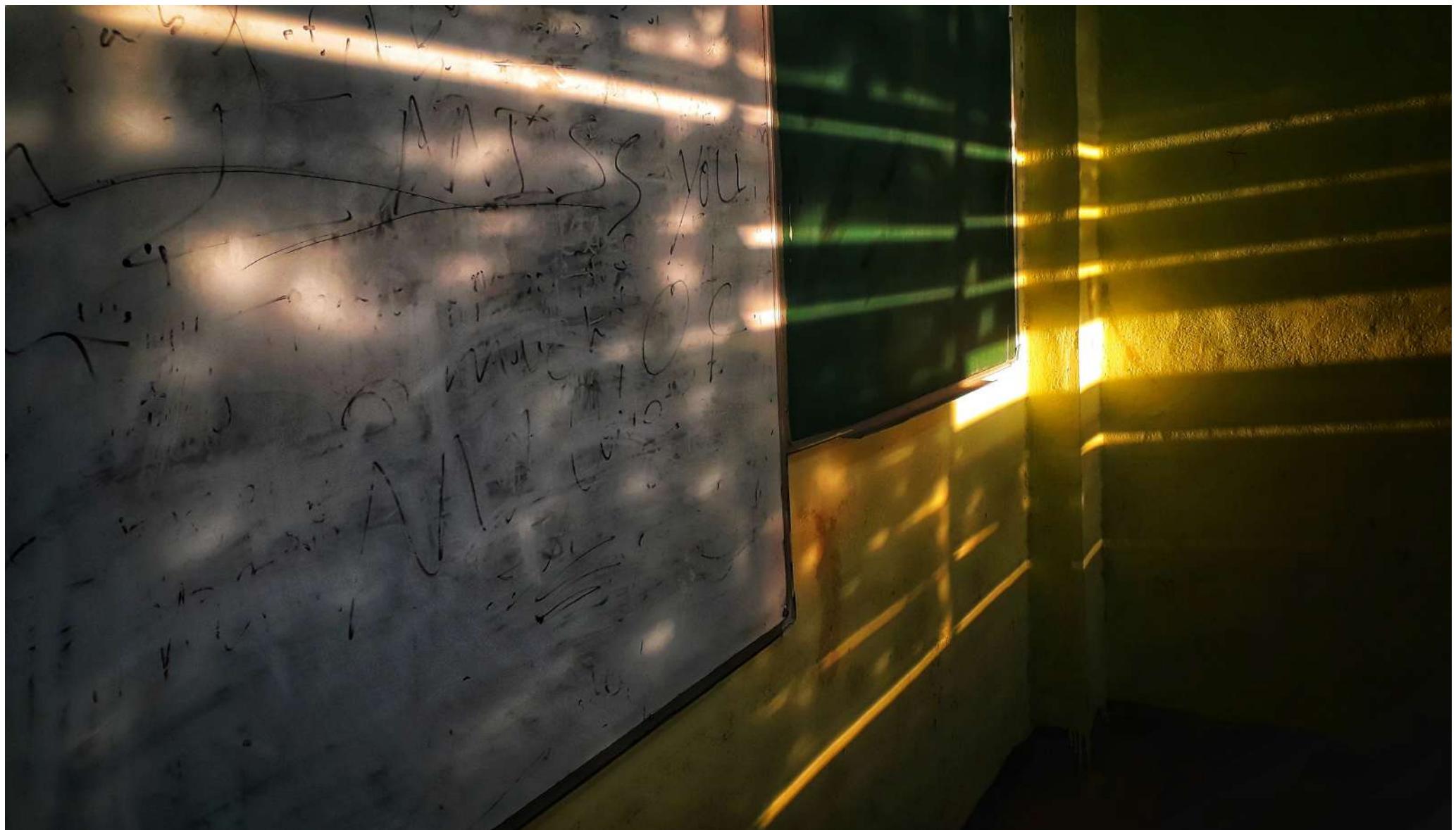


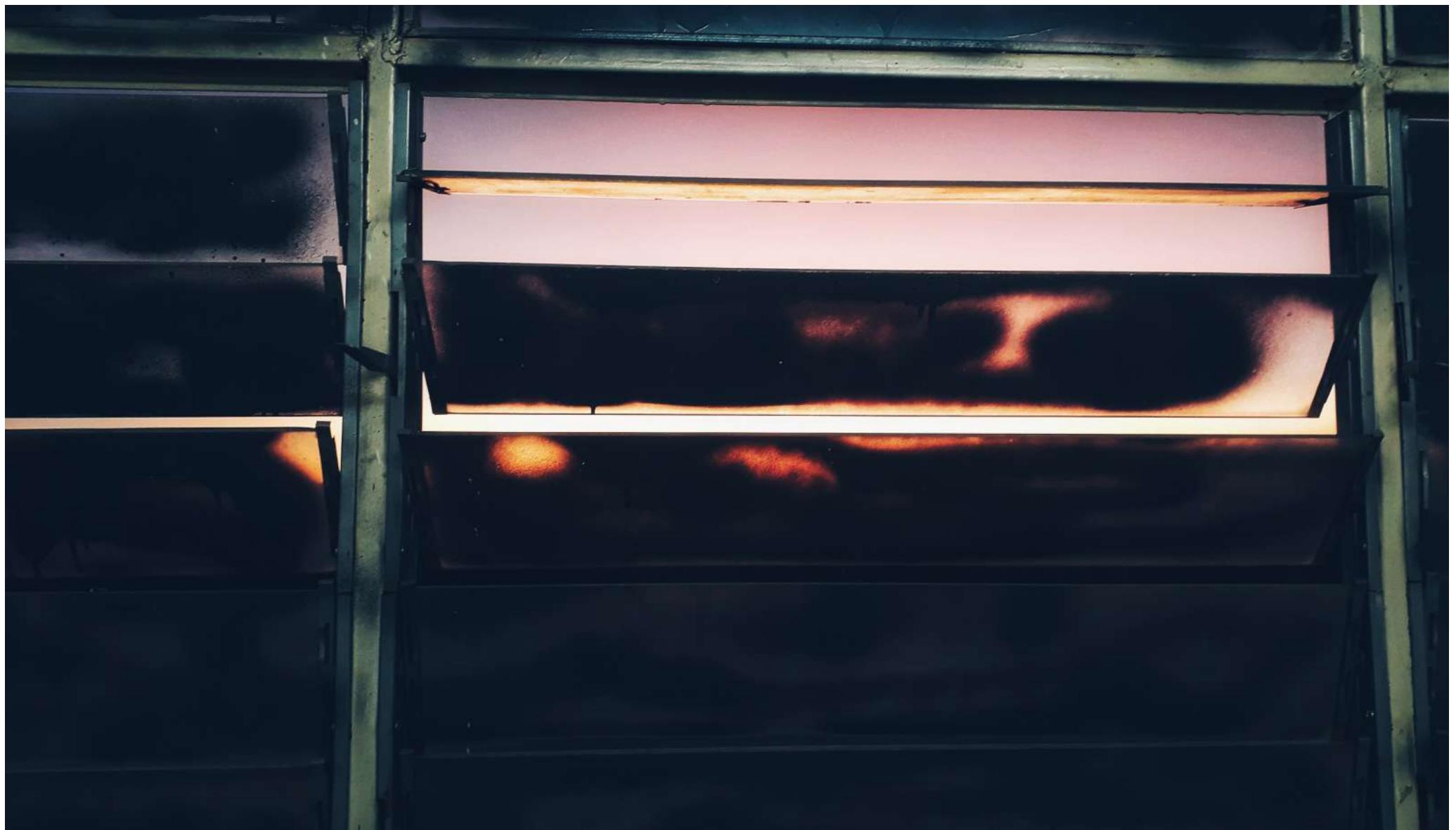




Photography





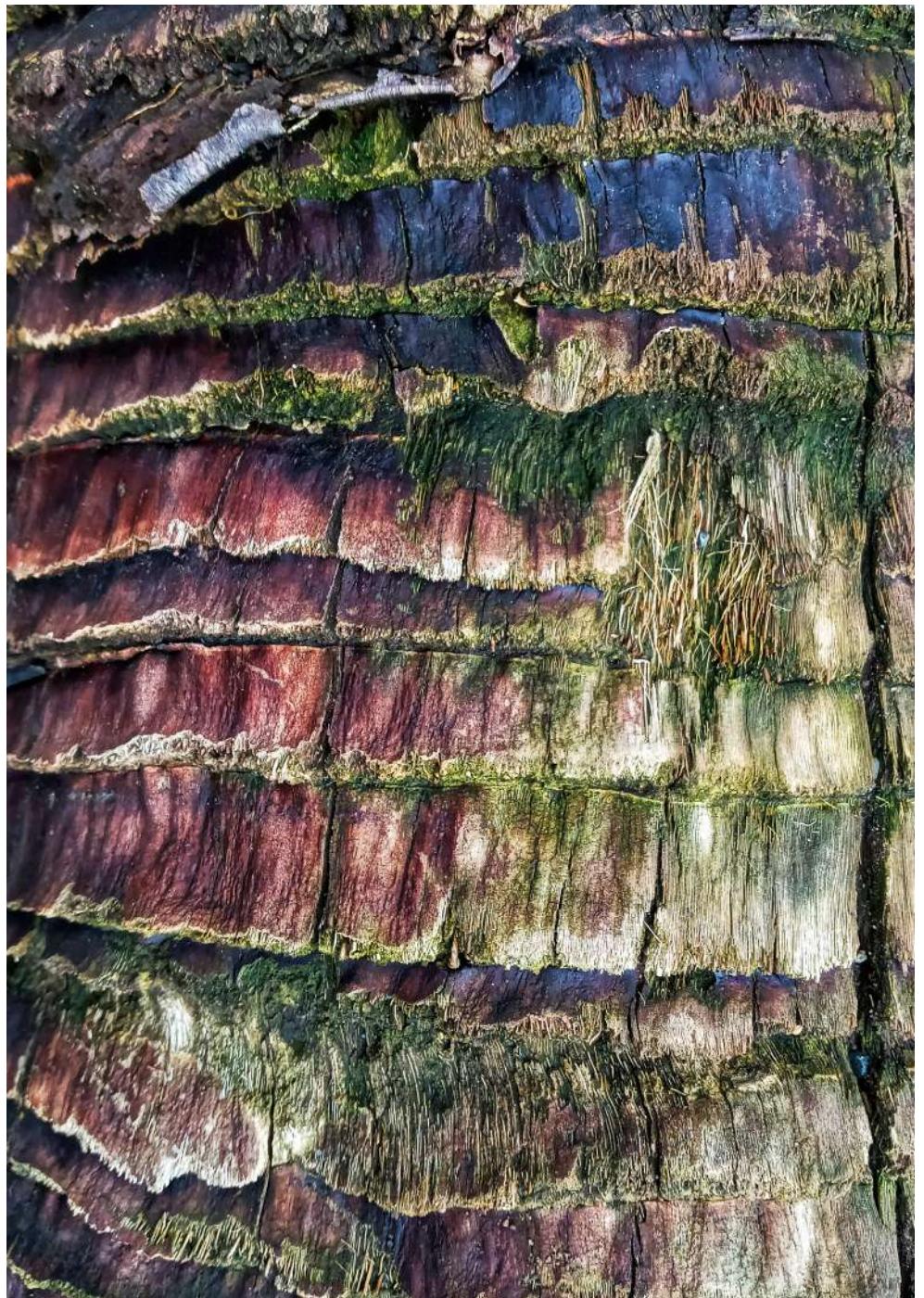


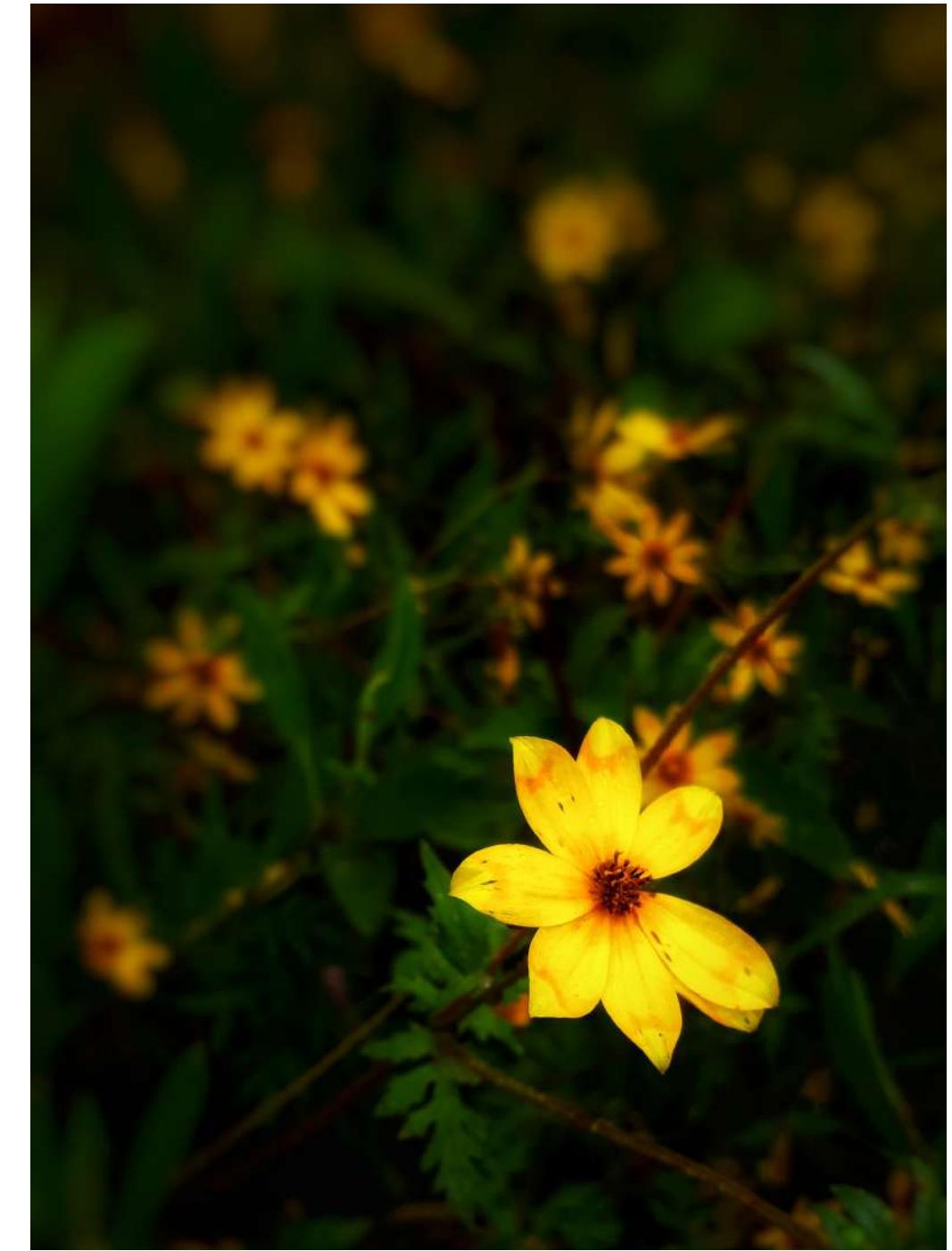












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Thank You