

Portfolio.

ARCHITECT

Walla Almuiz Farog Mohammed

2024-2025

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wallaelmouiz@hotmail.com



+971502071880



<https://www.instagram.com/wallathearchitect/>



WALLA ALMOUIZ F. MOH.

BIM ARCHITECT

LANGUAGES:

- Native Arabic
- English professional Level
- Swedish

ABOUT ME

- As an architect, I'm passionate about creating smart, sustainable designs that improve everyday life. My studies have given me hands-on experience in site analysis, urban design, and housing projects with a strong focus on affordability, wellness, and nature.
- I love working on bold ideas and believe that good design can shape better communities. I'm always open to new connections, learning opportunities, and creative collaborations.

EDUCATION

DUAL DEGREES IN ARCHITECTURE

- **HERIOT-WATT UNIVERSITY- DUBAI**
Bachelor's Degree In Architecture- 2025
- **UNIVERSITY OF KHARTOUM**
Bachelor's Degree of Science In Architecture

PROFESSIONAL QUALITIES

FREELANCER August 2025- Present

INNOVATORS ENGINEERING CONSULTANCY May 2025 - August 2025

ORGANIZATIONS & LICENCES

AUTODESK CERTIFIED PROFESSIONAL®

- in Revit for Architectural Design

INSTITUTION OF CIVIL ENGINEERS (ICE)

- Member at Institution of Civil Engineers · Dec 2024 - Present

ROYAL INSTITUTE OF BRITISH ARCHITECTS (RIBA)

- Member (RIBA) · Sep 2024 - Present

ASSOCIATION OF ENERGY ENGINEERS (AEE)

- Member (AEE) · Jan 2021 - Present

CERTIFICATES & TRAININGS

- **Undergraduate Research & Innovation Competition (URIC) - Top 10 Finalist Researchers**
- **RIBA Design Skills Certificate - Team Participant in Architectural Competition**
- Secretary At Association of Energy Engineer December 2020- February 2022
- Translating Book into Braille Language at Enlighten.
- Graphic Designer ASHREA- University of Khartoum.
- International Membership at Association of Energy Engineers.
- Volunteer secretary of Association of Energy Engineers.
- Certificate of completion Design thinking Course
- Servant leadership, The deciding thinking
- Young African Leaders initiative.
- Strategies for personal growth and development- Young African Leaders initiative.

REVIT

3DS MAX

RHINO

GRASSHOPPER

LUMION

AUTOCAD

TWINMOTION

D5 RENDER

PHOTOSHOP

CORONA

V-RAY

GRAPHIC DESIGN

COMFY UI

MICROSOFT PROGRAMS



RESIDENTIAL VILLA

This design showcases a modern residential villa with a bold geometric form, open layouts, and strong indoor-outdoor integration. It features clean lines, extensive glazing, and minimalist materials in monochrome tones. The courtyard includes comfortable outdoor seating, a fire feature, and landscaped greenery, creating a luxurious and inviting living environment.



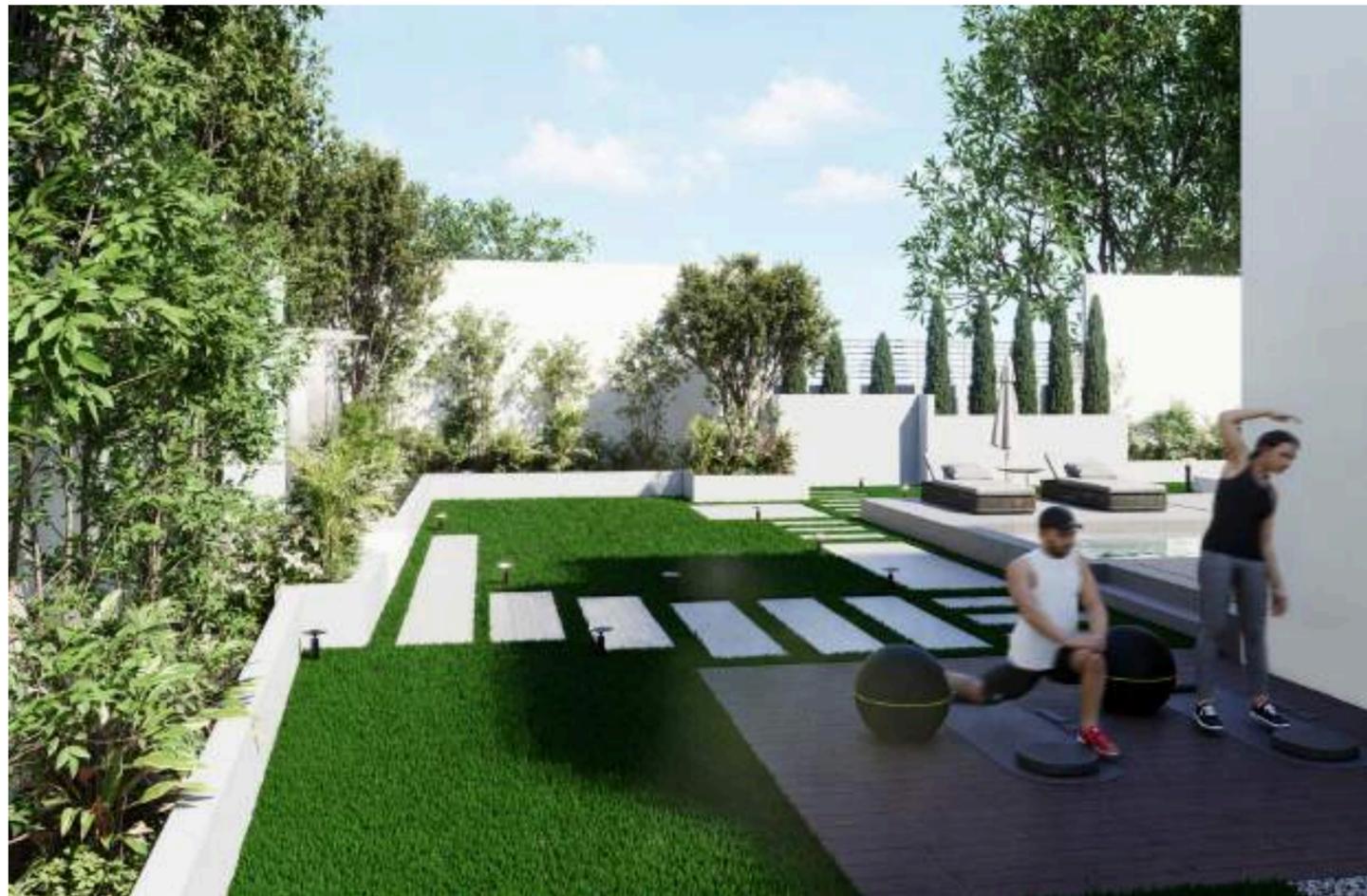


RESIDENTIAL VILLA

This is a modern Abu Dhabi villa exterior, defined by its clean white architecture, vertical sun-shading louvers, and expansive, sophisticated outdoor living area.





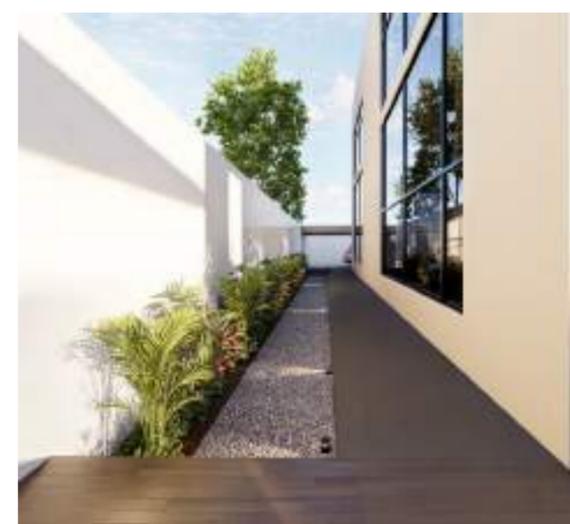




JUBAIL ABU DHABI VILLA

This is a modern Abu Dhabi villa exterior, defined by its clean white architecture, vertical sun-shading louvers, and expansive, sophisticated outdoor living area. The design seamlessly integrates a luxurious poolside deck with minimalist landscaping, creating a serene, climate-conscious private retreat. Crisp lines and a light palette emphasize luxury and contemporary elegance against the desert sky





HIGH-RISE BUILDING

stands out with its unique, angular design that incorporates both functionality and aesthetics.









COMMUNITY PARK, WINKFIELD, UK



Architectural visualization of a majlis that reinterprets traditional Emirati hospitality through a modern classical lens.

Design Features:

- Monumental entrance framed by Corinthian columns
- Grand circular portico with layered stone steps
- Clean symmetry and floor-to-ceiling glazing for openness and light
- Minimalist landscaping to complement the architectural rhythm

This majlis is envisioned as a refined space for gathering, conversation, and cultural continuity, blending timeless design elements with the needs of a modern lifestyle.

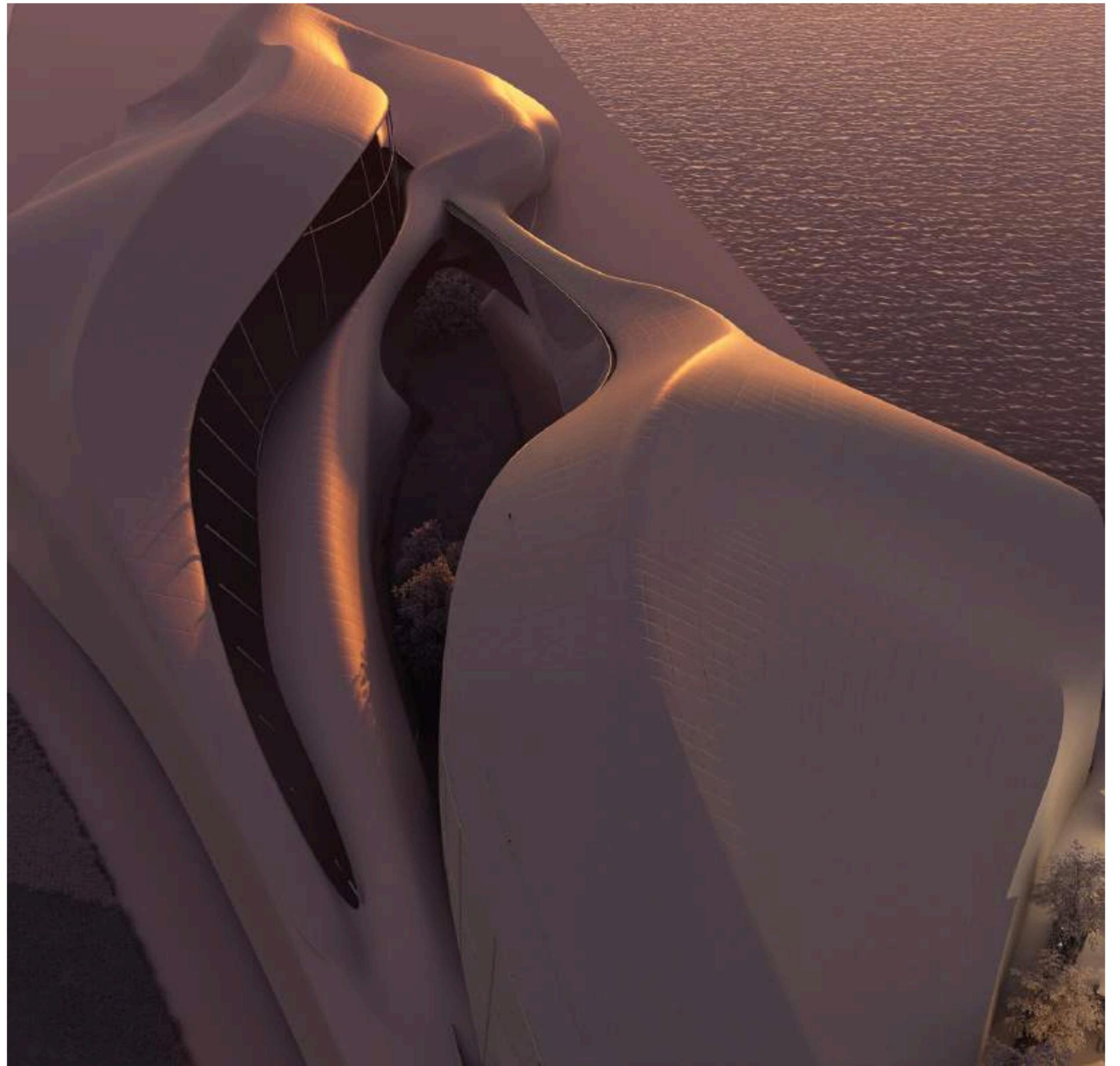
Location: UAE, Abu Dhabi

SUDAN, KHARTOUM



ETHNOGRAPHIC GALLERY OF SUDANESE MUSIC

This is a stunning, biomorphic architectural concept for the Ethnographic Sudanese Music Centre. Its design features sweeping, fluid curves that dramatically converge to create a central, naturally-lit public atrium. The project beautifully merges expressive, sculptural form with its waterfront context, establishing an iconic cultural landmark.



SKIN ANALYSIS

The skin system embodies an organic architectural form, combining glass panels with GRC frames supported by a steel chassis to achieve a fluid, lightweight, and structurally stable facade. This layered assembly integrates transparency, shading, and form into a seamless architectural envelope.

GLASS PANELS WITH GRC FRAMES

A layered system of glass, steel, and patterned GRC panels offers shading, insulation and visual appeal.

STEEL CHASIS

With Triangular steel bracing within for external panels fixation



GRC PANELS

GRC Panels are used for their lightweight, malleable nature and strong structural stability compared to traditional concrete.

CONNECTORS

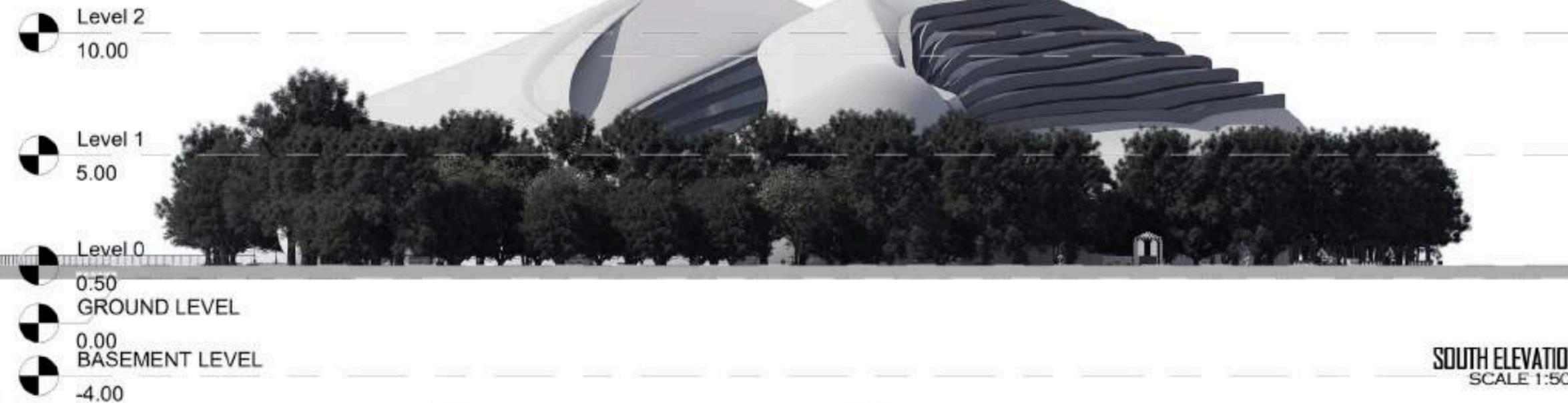
placed at grid intersection for chasis fixation.

ELEVATIONS

EAST ELEVATION
SCALE 1:500



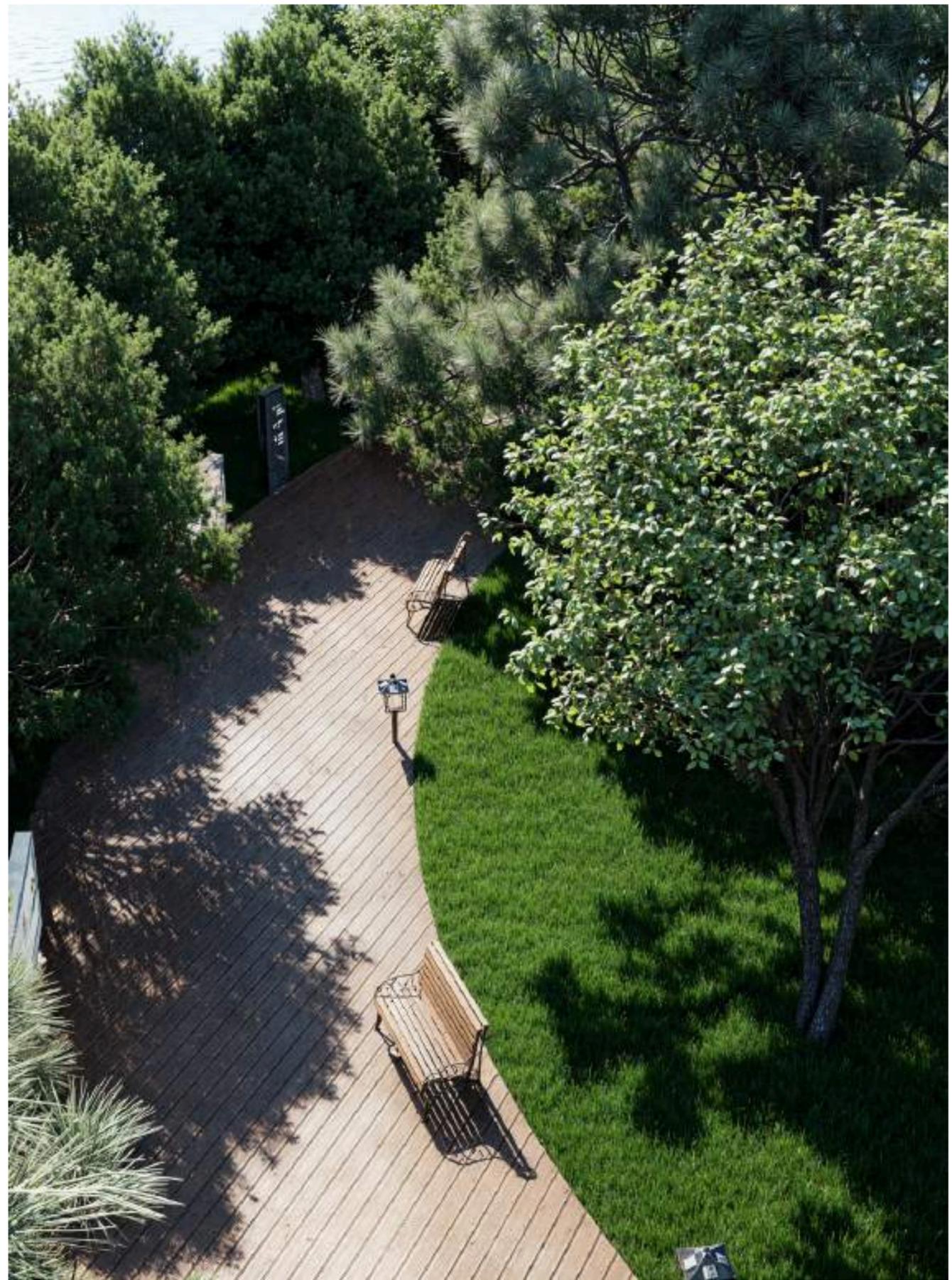
WEST ELEVATION
SCALE 1:500



SOUTH ELEVATION
SCALE 1:500











RESIDENTIAL BUILDING

A contemporary five-story residential building designed to offer comfort, style, and convenience. Located in a X neighborhood, this building features a total of 20 apartments, with four spacious units on each floor. The building's design prioritizes both aesthetics and functionality, creating an inviting living environment for its residents.

BURRI APARTMENTS PROJECT

An apartment at Buri, Khartoum, Sudan.

- Add Multi-family rental opportunities to the site in a way that complements the existing development.
- Encourage production and preservation of an adequate supply of rental and ownership housing to meet the identified needs of persons of all income levels and special needs.



FUTURISTIC CULTURAL PAVILION



This pavilion embodies fluid, organic architecture inspired by natural forms and advanced parametric design. Its sweeping curves and dynamic façade create a sense of movement, while expansive glass panels maximize natural light and connect the interior with the surrounding landscape.

Designed as a multifunctional cultural hub, it merges aesthetics and functionality, offering spaces for exhibitions, gatherings, and community engagement. The building reflects a vision of future-forward architecture where innovation, sustainability, and art converge



Beyond its sculptural presence, the structure is conceived with environmental harmony in mind. Elevated platforms allow for natural ventilation and water circulation, while the curved geometry reduces solar heat gain. The design integrates green landscaping on multiple levels, reinforcing the dialogue between nature and built form. As both a landmark and a living space, this pavilion redefines how architecture can inspire and serve its community.

SOBA PROPOSAL VILLA DESIGNING PROJECT



The place is very quiet, very private and offers superb views of the sea from everywhere. There is a large public park ideal for jogging and relaxing, with a children playground just outside the residence. You go out directly onto the veranda and the terrace, to access the pool and the spa.





AI GENERATOR (COMFY AI)

SDXL, FLUX.1, CONTROLNET FLORENCE, FLUX.1 DEV, KLUX, AND KREA



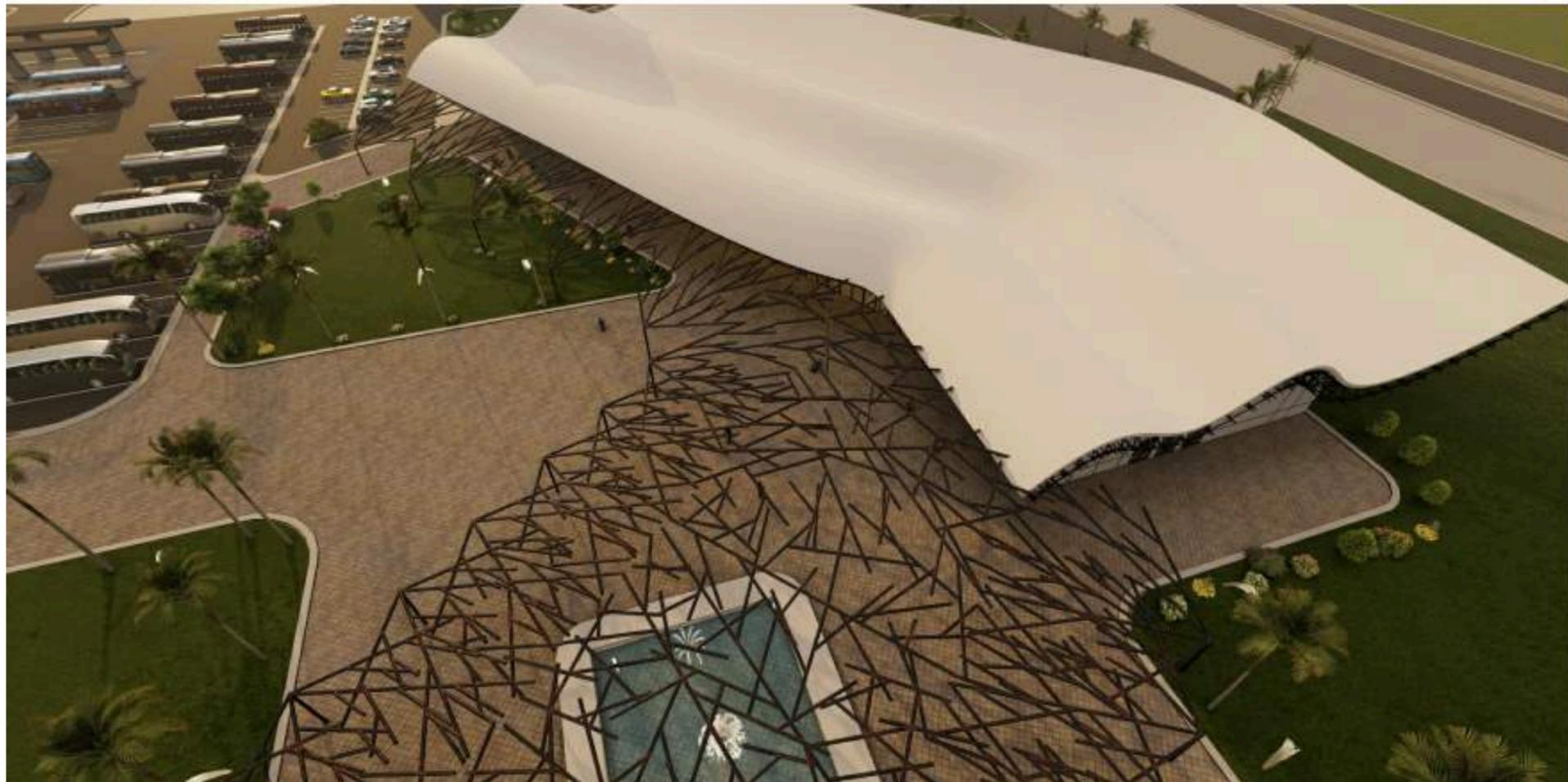
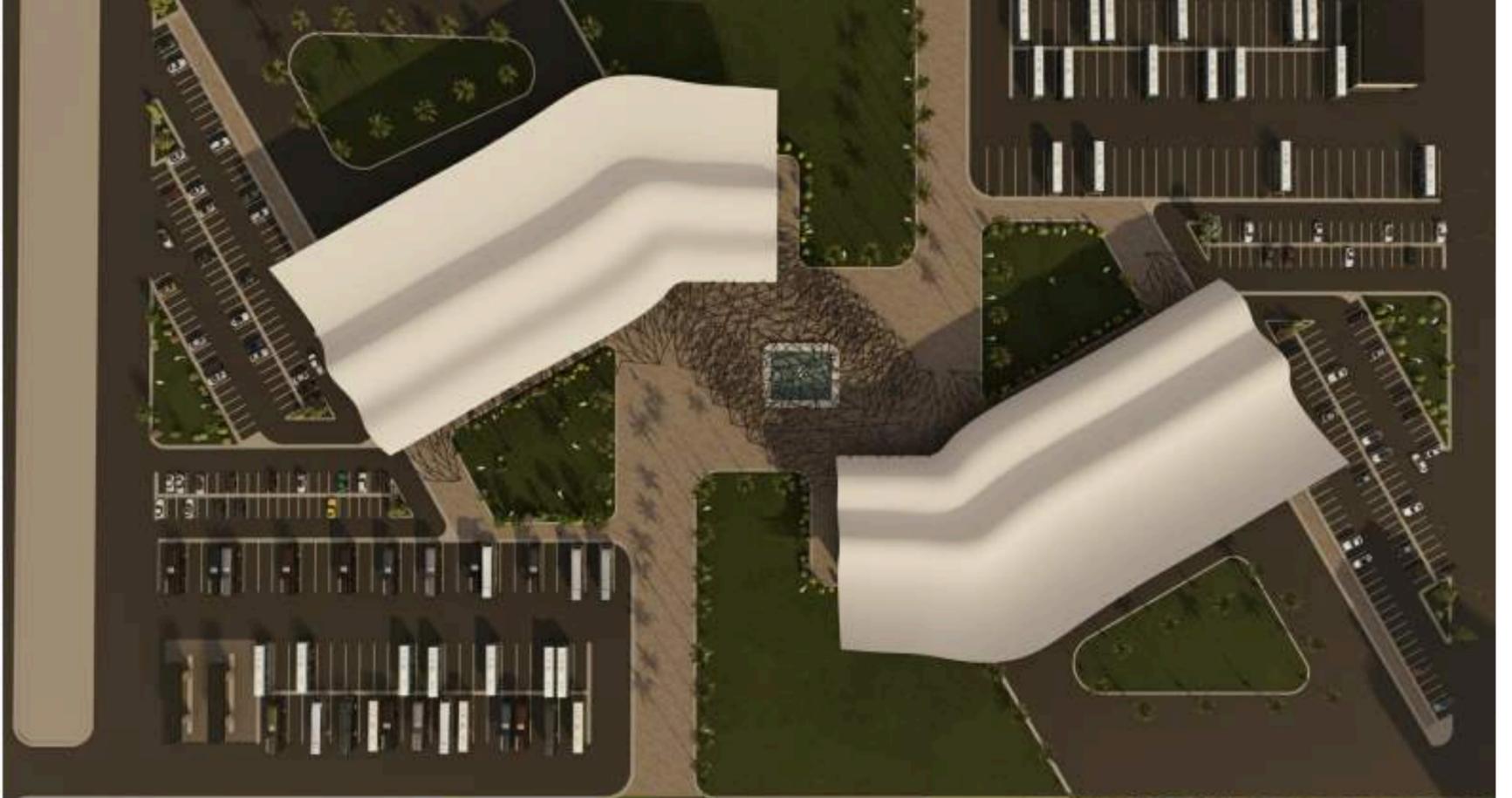


INTERSTATE TERMINAL BUS STATION

SUDAN



ONE OF THE SIDE ELEVATIONS OF THE DEPARTURE HALL SHOWS THE STEEL STRUCTURE OF THE ROOF



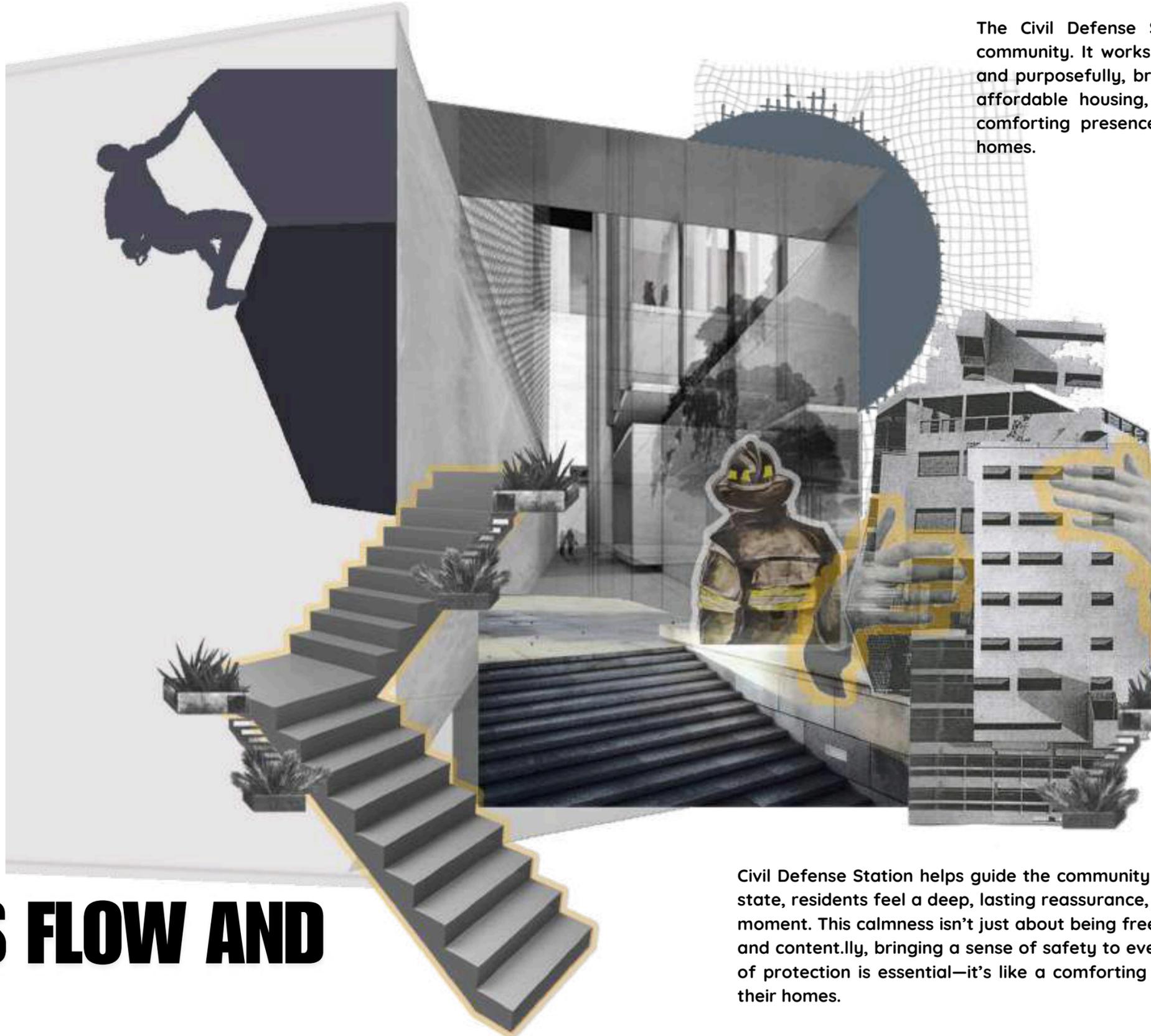


AFFORDABLE HOUSING

FIREFIGHTERS HOUSING



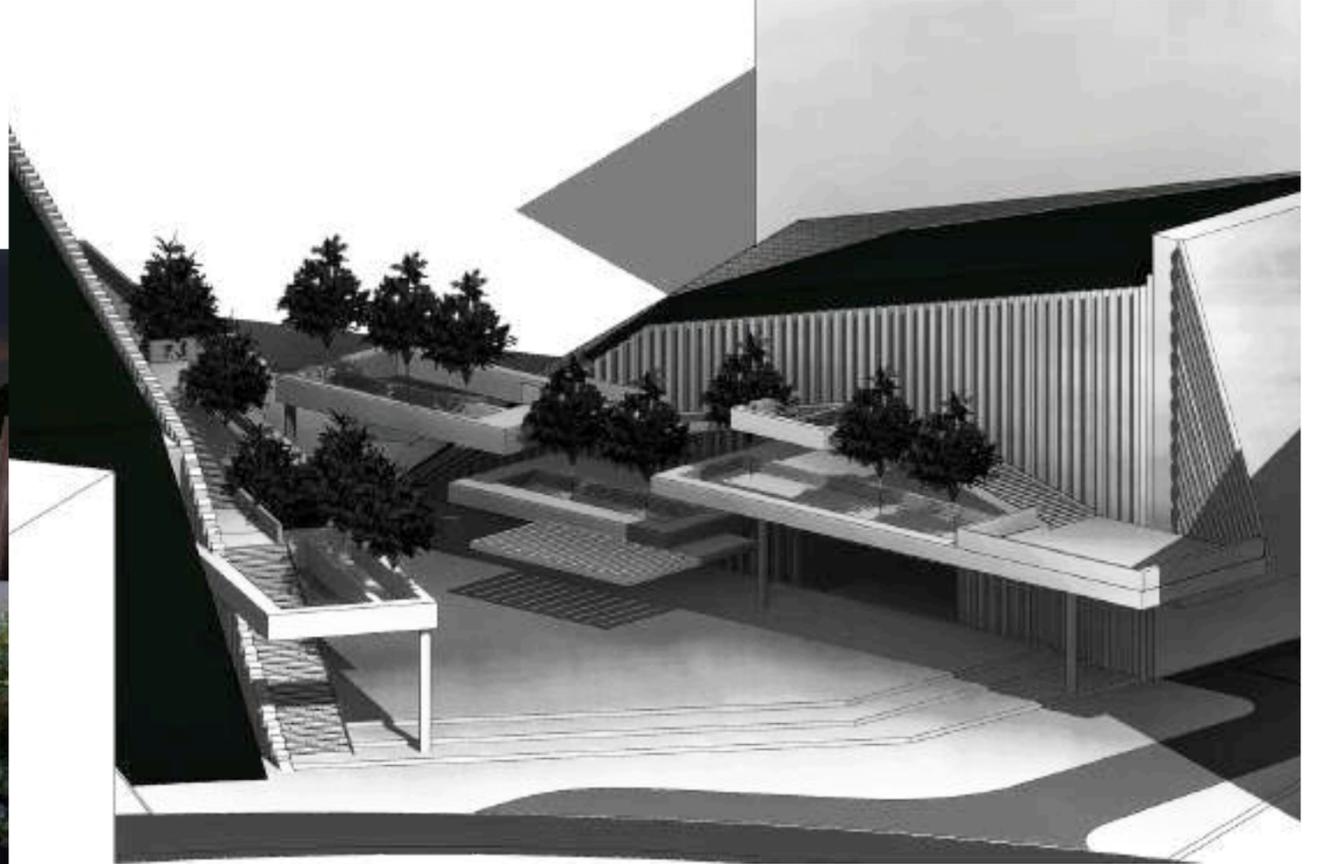
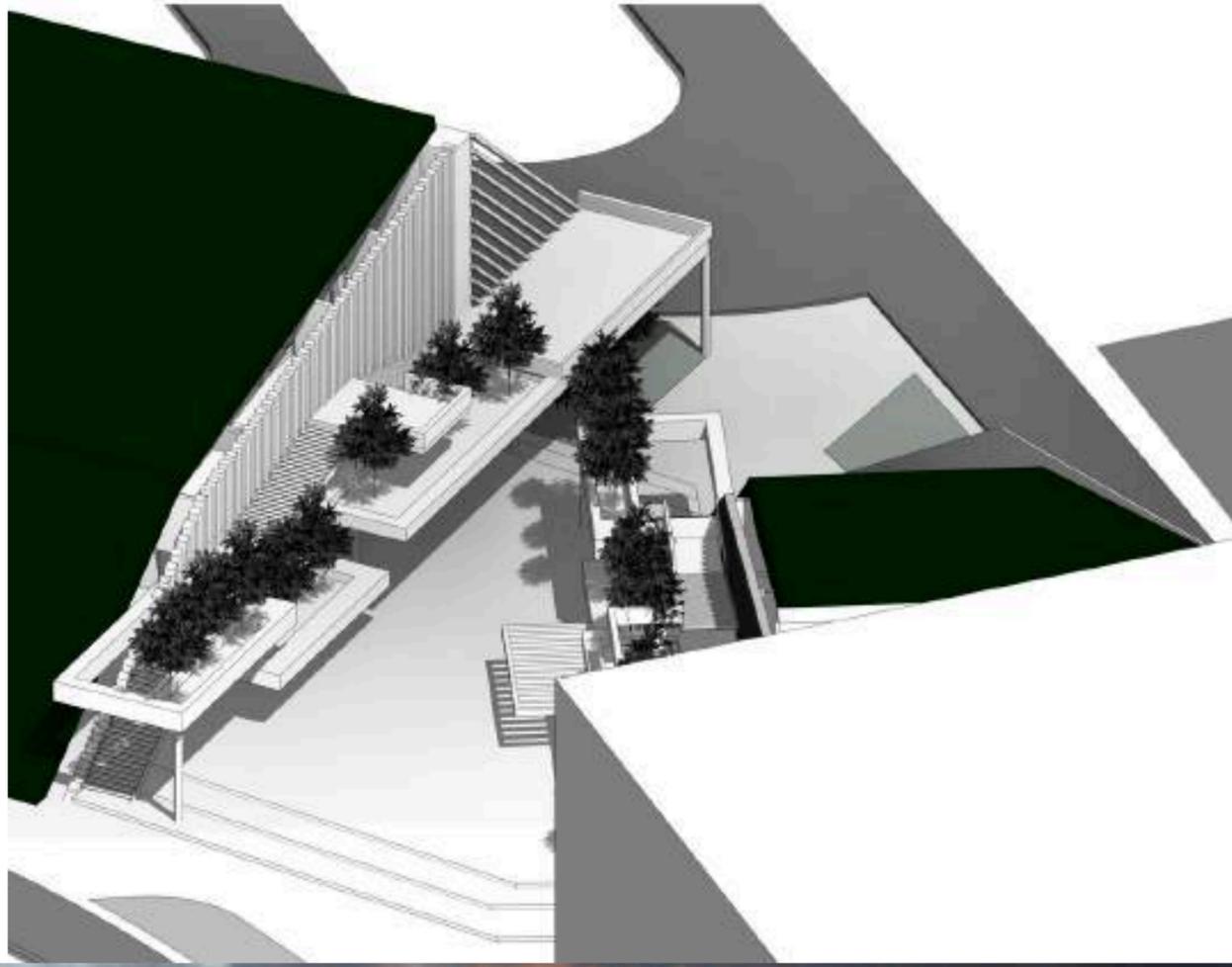
"FIREFIGHTERS: GUARDIANS OF SAFETY AMID THE FLAMES."



The Civil Defense Station is like a quiet, steady protector of the community. It works constantly, almost like a river that flows smoothly and purposefully, bringing a sense of safety to everyone. For people in affordable housing, this feeling of protection is essential—it's like a comforting presence that helps them feel secure and stable in their homes.

SAFETY AS FLOW AND STILLNESS

Civil Defense Station helps guide the community toward a place of calm and safety. In this peaceful state, residents feel a deep, lasting reassurance, knowing that skilled people are ready to help at any moment. This calmness isn't just about being free from fear—it's about actively feeling safe, trusting, and content. By bringing a sense of safety to everyone, for people in affordable housing, this feeling of protection is essential—it's like a comforting presence that helps them feel secure and stable in their homes.



INTERIOR VIEWS



NEW SCHOOL OF ARCHITECTURE

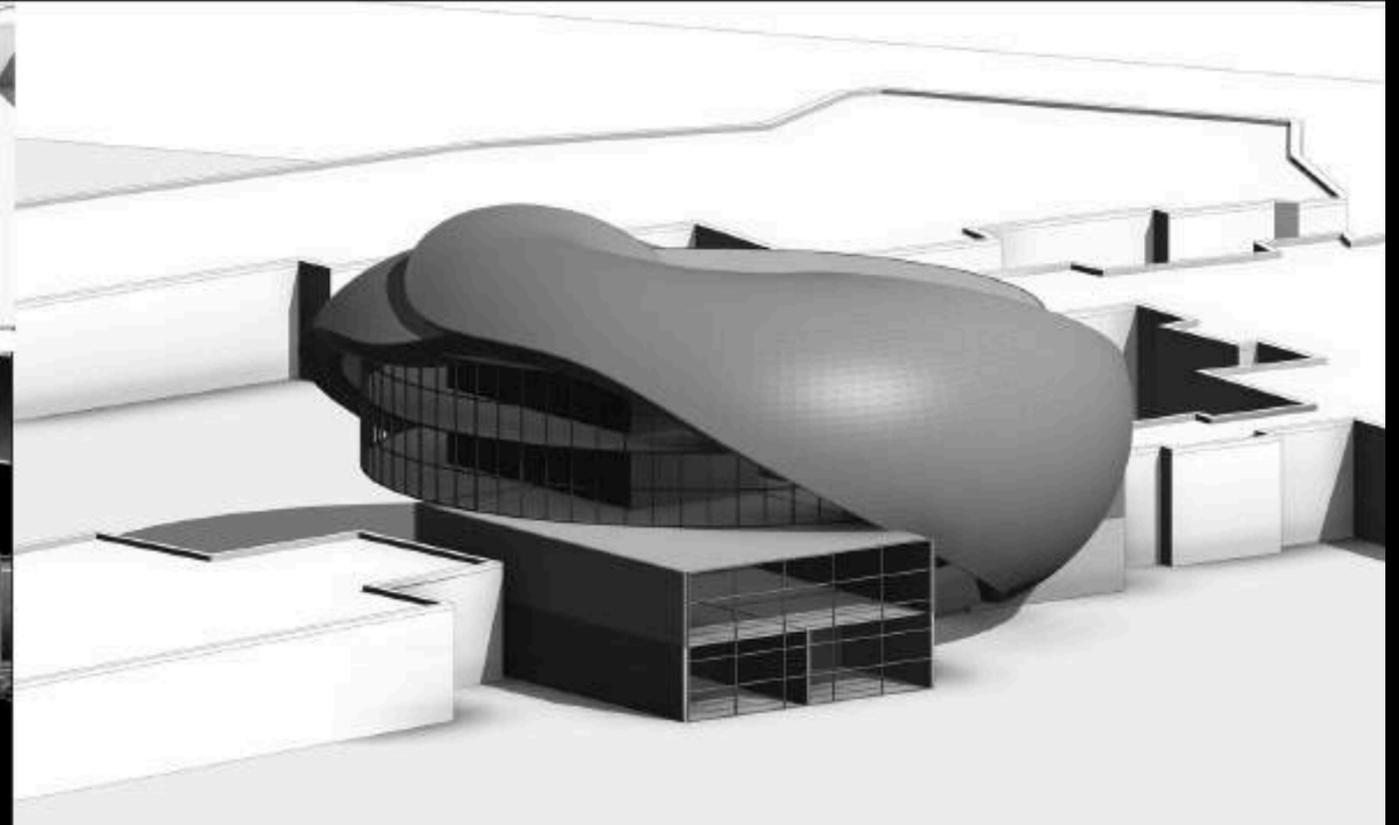
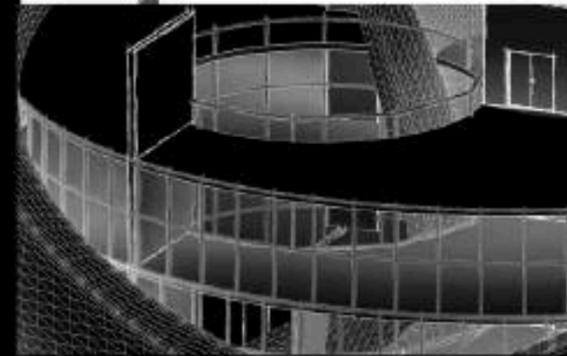
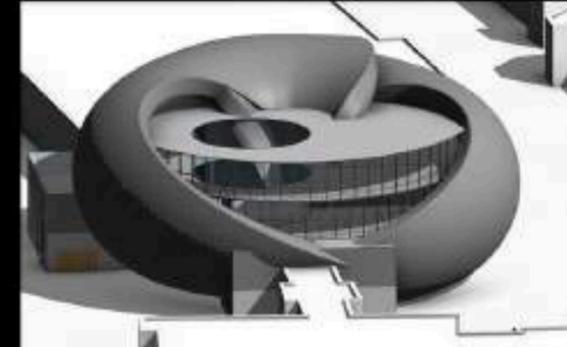
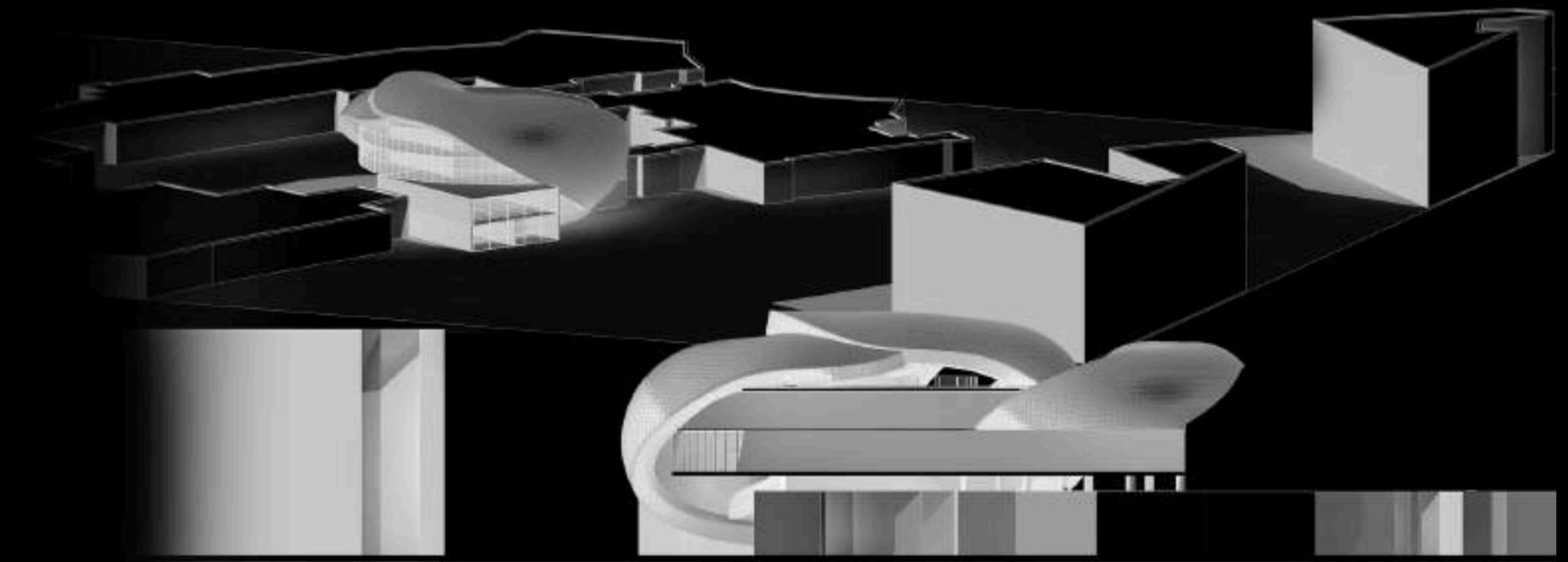
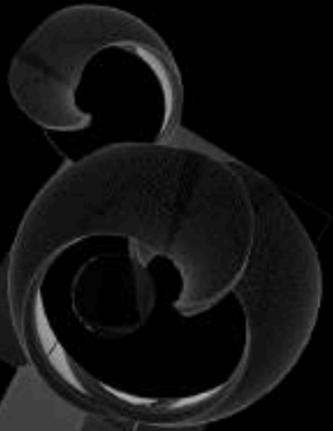
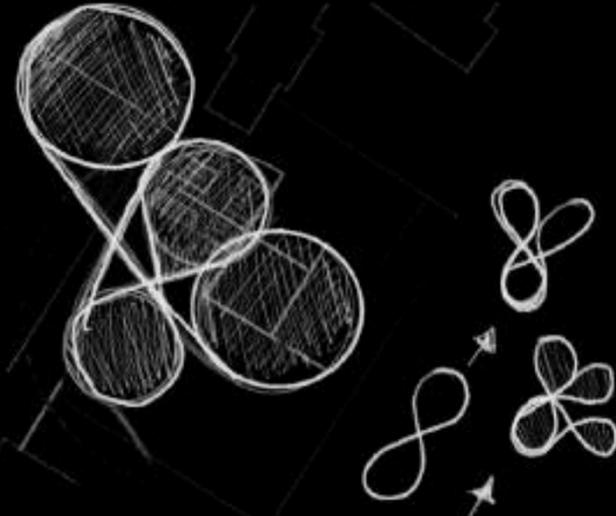
DUBAI, UNITED ARAB EMIRATES



CONCEPT

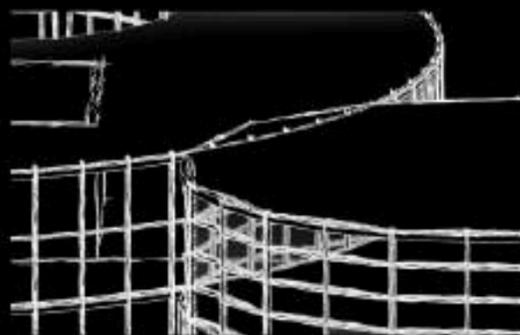
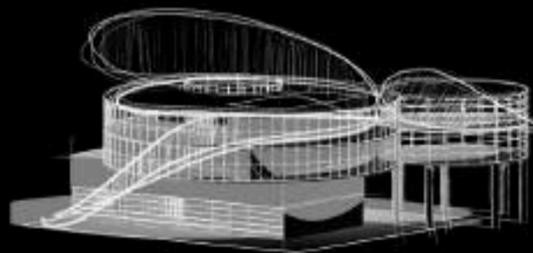
THIS WAS MY FIRST ATTEMPT AT CAPTURING THE IDEA OF THE INFINITE. I FOCUSED THE FLUID, ENDLESS FORM IN THE PARTS OF THE BUILDING THAT EMBODY THE LIMITLESS: THE ATRIUM, ACTING AS A SPATIAL AND SYMBOLIC HEART, REPRESENTS THE INFINITE CONVERGENCE OF PEOPLE AND EXPERIENCES; THE CLASSROOMS REFLECT THE BOUNDLESS NATURE OF KNOWLEDGE; AND THE CENTRAL CORE, WHICH LIFTS YOU UPWARD, SYMBOLIZES AN ASPIRATIONAL ASCENT—A JOURNEY THROUGH INFINITE POTENTIAL

UNLIMITED
BOUNDLESS
INFORMATIONS





A MORE REFINED AND FLUID INTERPRETATION OF THE CONCEPT OF INFINITY.



TO EXPRESS THE INFINITE IN A WAY THAT FEELS EFFORTLESS, CONTINUOUS, AND INVITING. THIS ITERATION MOVES AWAY FROM THE MORE RIGID AND SEGMENTED CURVES OF THE FIRST DESIGN, EMBRACING SMOOTHER, UNINTERRUPTED FORMS THAT FLOW ORGANICALLY THROUGHOUT THE STRUCTURE.

MAIN DIFFERENCES:

FORM & GEOMETRY

1ST ATTEMPT: BOLD, HEAVIER MASSING WITH MORE SEGMENTED AND DEFINED CURVES.

2ND ATTEMPT: SOFTER, CONTINUOUS, AND MORE FLUID CURVES FOR A SEAMLESS INFINITE SHAPE.

CIRCULATION & FLOW

1ST ATTEMPT: MORE VERTICAL AND TRADITIONAL SPATIAL TRANSITIONS.

2ND ATTEMPT: CURVED RAMPS AND PATHWAYS THAT MIMIC A NATURAL FLOW AND UPLIFT.

