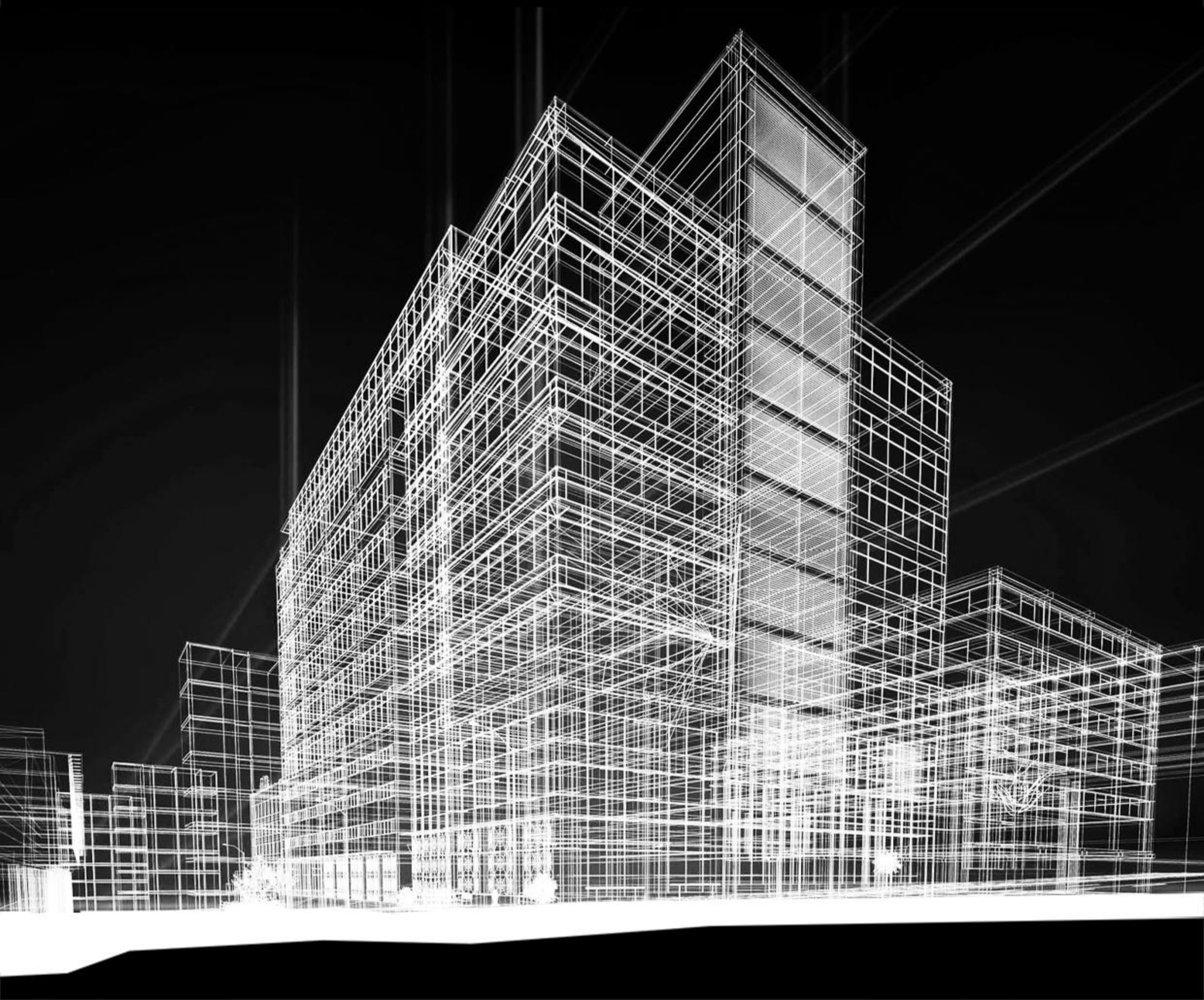
ARCHITECTURAL PORTFOLIO

Milad Aala (Architect & BIM Modeler)



M I L A D A A L A

ARCHITECT & BIM MODELER

CONTACT

00989121548719

Milad.Aala@hotmail.com

Iran - Tehran - West of Tehran

SKILLS

Creative
Design
Artistic
Problem Solving
Visualizing
Building and Construction Knowledge
software
Communication

LANGUAGES

English

TURKEY

FARSI

PROFILE

1- Talented Architect and BIM Modeler with a proven track record of designing functional and visually appealing building.
2-Adept at utilizing various BIM software, including Revit , Navisworks , to create detailed 3D models and parametric designs
3-Adept at coordinating with cross-functional teams and ensuring compliance with local building codes and regulations
4- Passionate about incorporating sustainable design principles and leveraging BIM technology to optimize construction processes

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EDUCATION

Bachelor’s degree in Architecture from Islamic Azad University, Meshkin Shahr , Ardabil Province

2008-2013

Master’s degree in Urban Design from Islamic Azad University , Central Tehran Branch

2013-2016

CERTIFICATE

Holder of an Architecture Engineering License in the Design specialization from the Iran Construction Engineering Organization

M I L A D A A L A

ARCHITECT & BIM MODELER

My name is Milad, and I am a creative architect with a passion for architectural design. I have always strived to create spaces that are both simple and delightful, while also being captivating.
In line with that, I keep myself up to date as much as possible by studying and watching instructional videos. This allows me to engage in various branches of architecture and create functional spaces that are visually appealing.
In terms of my professional character and social relationships in the work environment, I have always strived to achieve the best design and results through collaboration and exchanging information with other team members. I believe that by working together and fostering a cooperative atmosphere, we can achieve the most effective and successful outcomes.
I have had the privilege of collaborating with various organizations and engaging in different fields of architecture, including interior design, landscape design, plan design, facade design, and more. These work experiences have provided me with valuable insights and expertise in diverse areas of architectural practice.
I collaborated with Naghshe Piravash Company, my first formal engagement, which was involved in urban design and architecture. As an architect and urban designer, my responsibilities included designing urban facades, planning residential neighborhoods, 3D modeling, and creating necessary illustrations. I worked with Naghshe Piravash Company for approximately three years.
Paramadan Company is a firm that operates in the field of architectural design and construction. During my short tenure with this organization, I worked as a CG artist and a designer specializing in modern and classical facade design.
Afterward, I joined Omran Abiné Pasargad Company, where I worked as a designer for Phase 1 and Phase 2 projects. In this company, I was responsible for designing and preparing Phase 2 drawings for various projects in the cities surrounding Tehran. These projects encompassed commercial and residential developments, as well as parks and green spaces.
I then joined Sirvan Holding Company, a company specializing in the design, construction, and sale of villas in coastal cities. In this company, I was responsible for the complete design process of villas, from initial concept to the preparation of Phase 2 drawings. I also conducted site visits to oversee project execution. Designing villas from scratch and ensuring their successful implementation were among my main responsibilities in this role.
Continuing my professional journey, I began collaborating with Zima Tose'e Sabz Company. In this company, I held the position of being responsible for the design of Phase 1 and preparation of Phase 2 drawings for various projects. One notable project was a residential complex consisting of 14 floors, where I undertook the complete design process from start to finish.
The next organization where I gained new experiences was Checkad Bam Company, which specialized in the design and construction of portable green spaces. In this company, I was responsible for the design, execution, and project management of green spaces, specifically including rooftop gardens, courtyards, and open spaces.
Lastly, the most recent company I collaborated with was Mahiran Company. They specialized in the construction of industrial, commercial, and warehouse buildings. In this company, my responsibilities included modeling and designing based on BIM (Building Information Modeling) for these structures. Additionally, I prepared the necessary shop drawings for the execution phase, ensuring accurate and detailed plans were available for construction purposes.
In summary, as a freelancer, I have worked on various projects since 1392 (2013) until now, including interior design, facade design, floor plan design, landscape design, and more.

REVIT ARCHITECTURE

Parametric modeling of detailed architectural information such as floor plans , furniture , and other elements using Revit software.

REVIT STRUCTURE

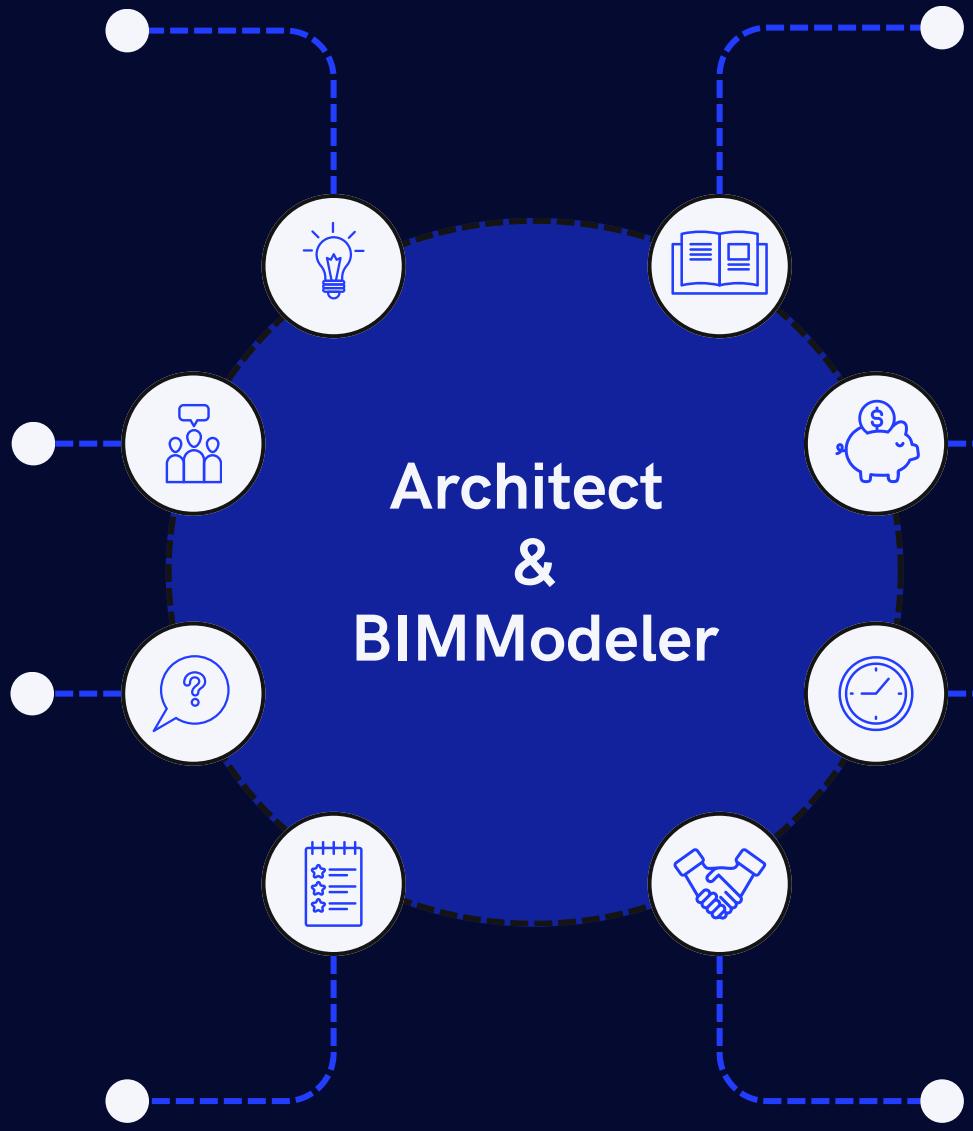
parametric modeling of a building's structural information to calculate the quantity and number of structural and architectural elements using Revit software.

REVIT MEP

Modeling of mechanical and electrical systems information using Revit software.

REVIT COORDINATE

Reviewing architectural, structural, and MEP (mechanical , electrical , and plumping)discipline files in Revit and creating a unified template for all 3 disciplines based on BIM principles.



LUMION

After modeling in Revit, the output is exported and imported into lumion , where rendering or animation of the desired subject is then created.

ENSCAPE

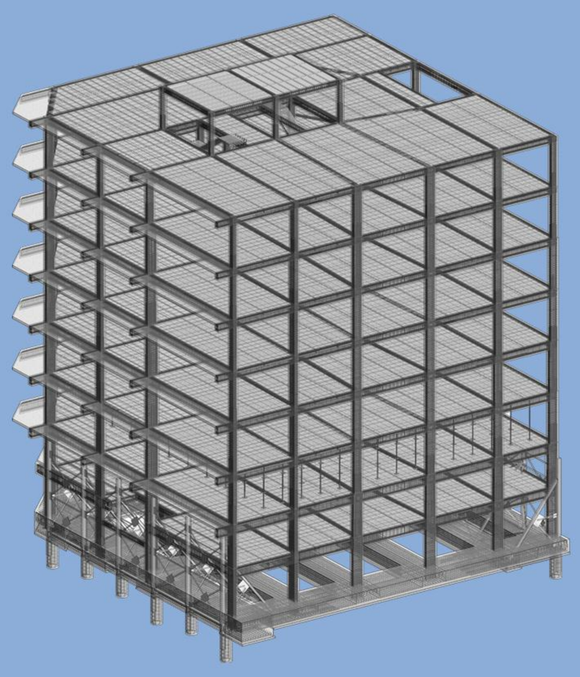
familiar with rendering using the Enscape plugin.

VRAY

Familiar with rendering using the Vray plugin in the 3ds max environmant

PHOTOSHOP

Familiar with post- processing and sheet layout work in the Photoshop environment



01



02



03



04



05



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07



08



09

Architecture

01

Residential building modeling project based on BIM

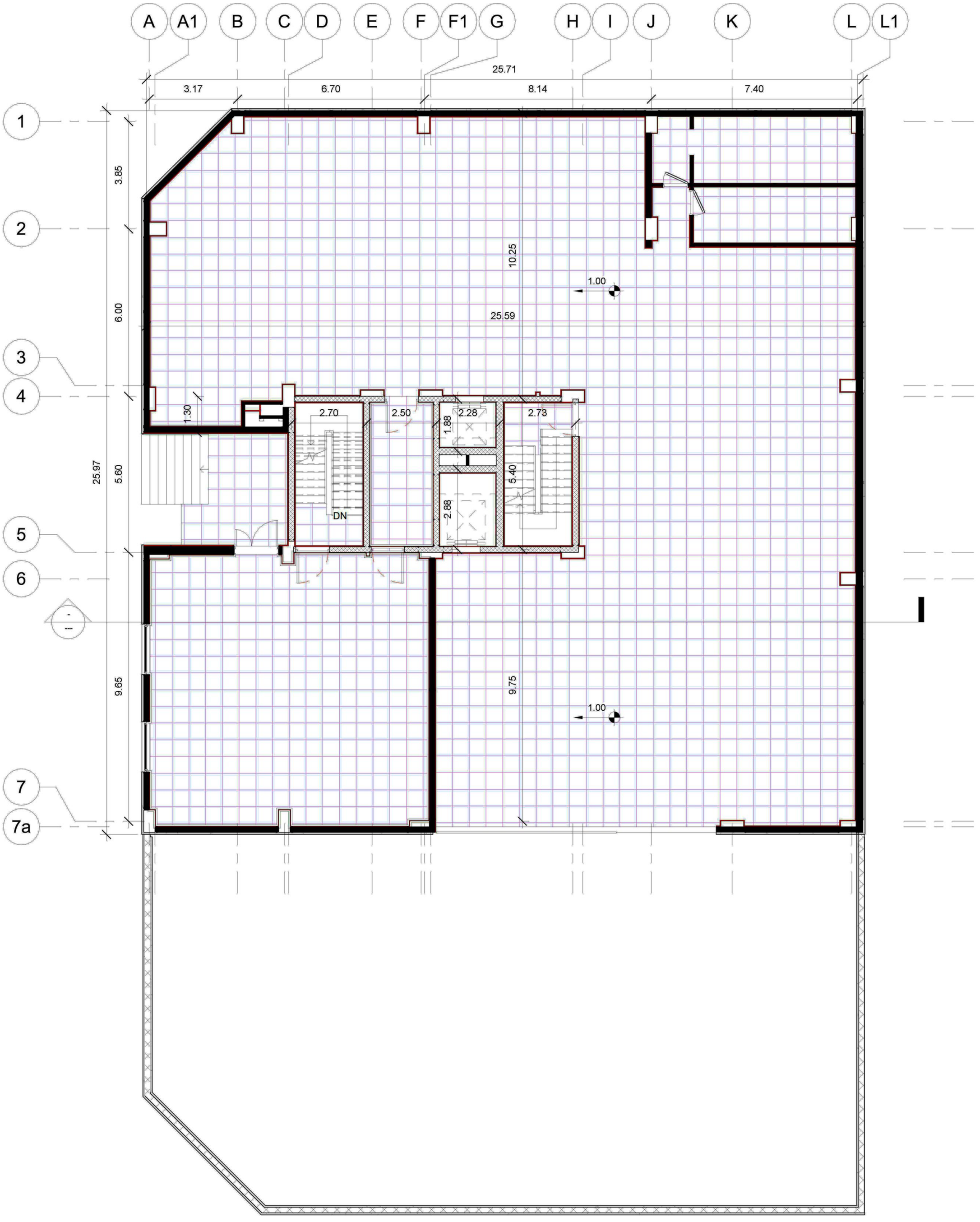
The basement floor plan features several storage rooms , two stairwell , an elevator , and a parking area for passenger vehicles

Architecture

01

Residential building modeling project based on BIM

The ground floor plan featuring the main building entrance , lobby space , staircase and elevator core , and a dedicated parking area for passenger vehicles



Architecture

01

Residential building modeling project based on BIM

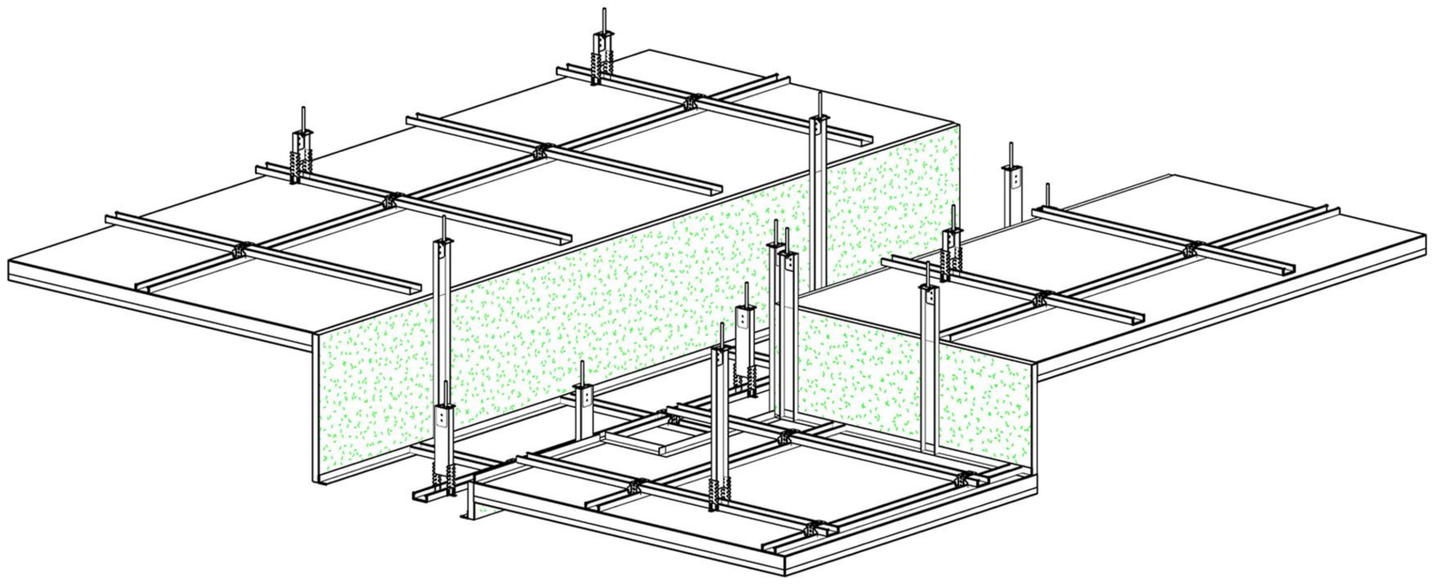
The first floor residential plan , which includes six residential units with different areas,has been designed

Architecture

01

Residential building modeling project based on BIM

The ceiling framing plan for the residential floors , which has been parametrically modeled in the family environment



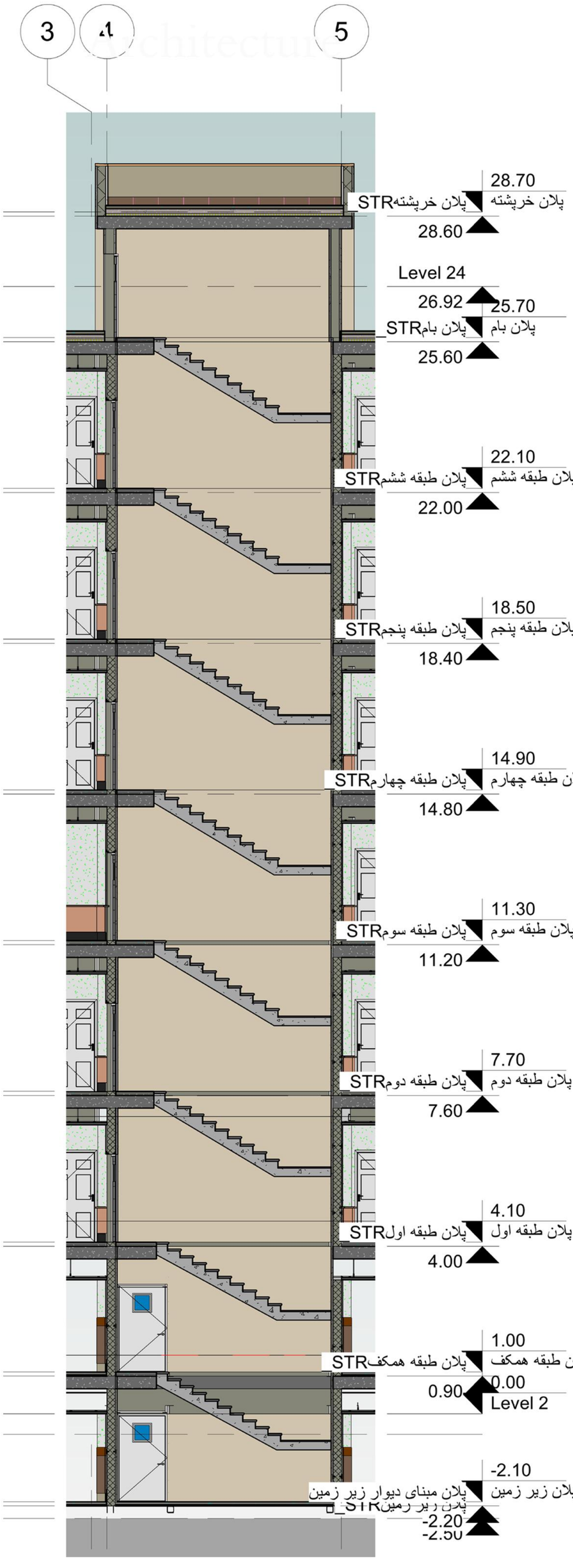


Residential building modeling project based on BIM

Section and Wall section of a portion of the residential project

Architecture

01





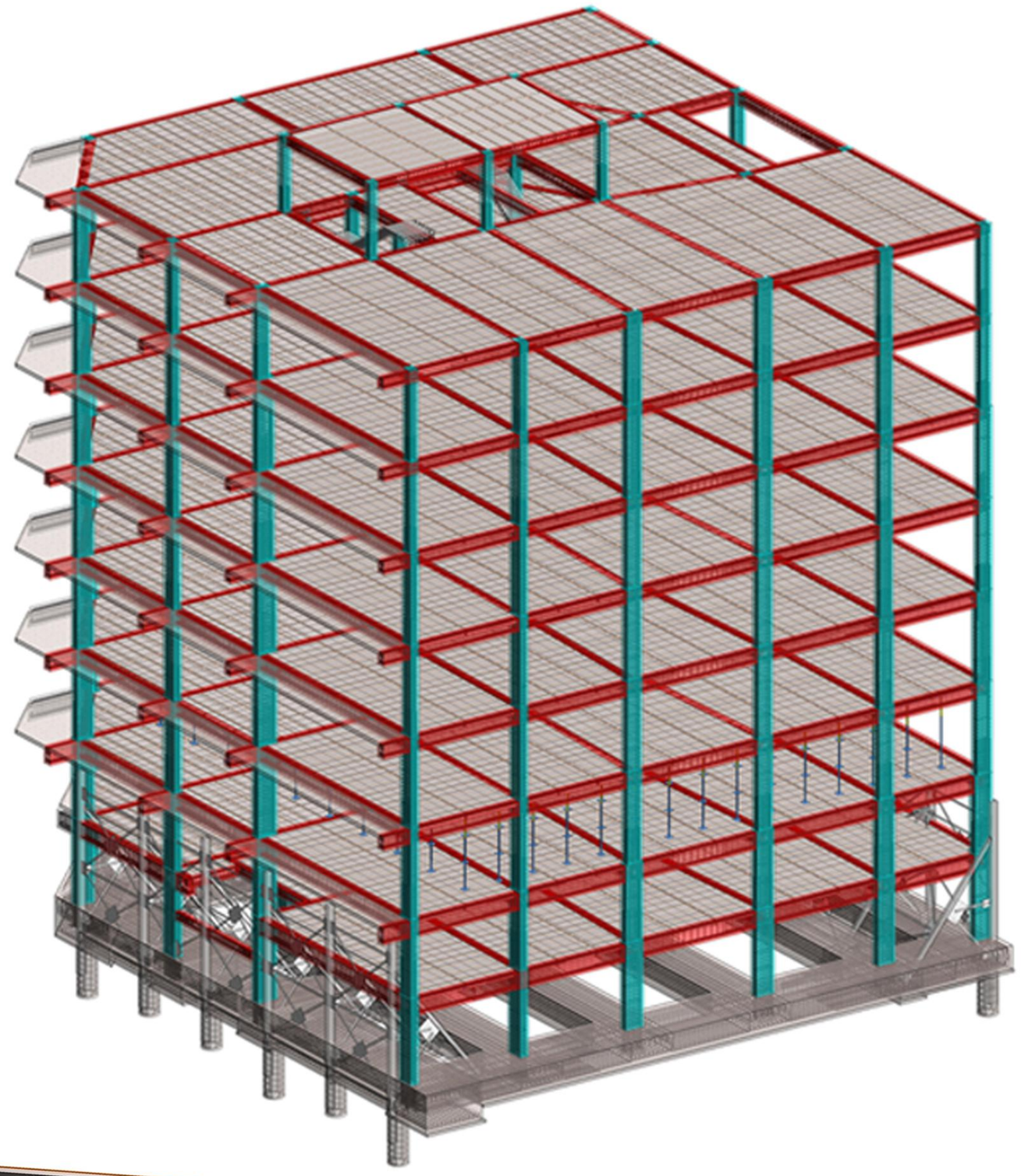


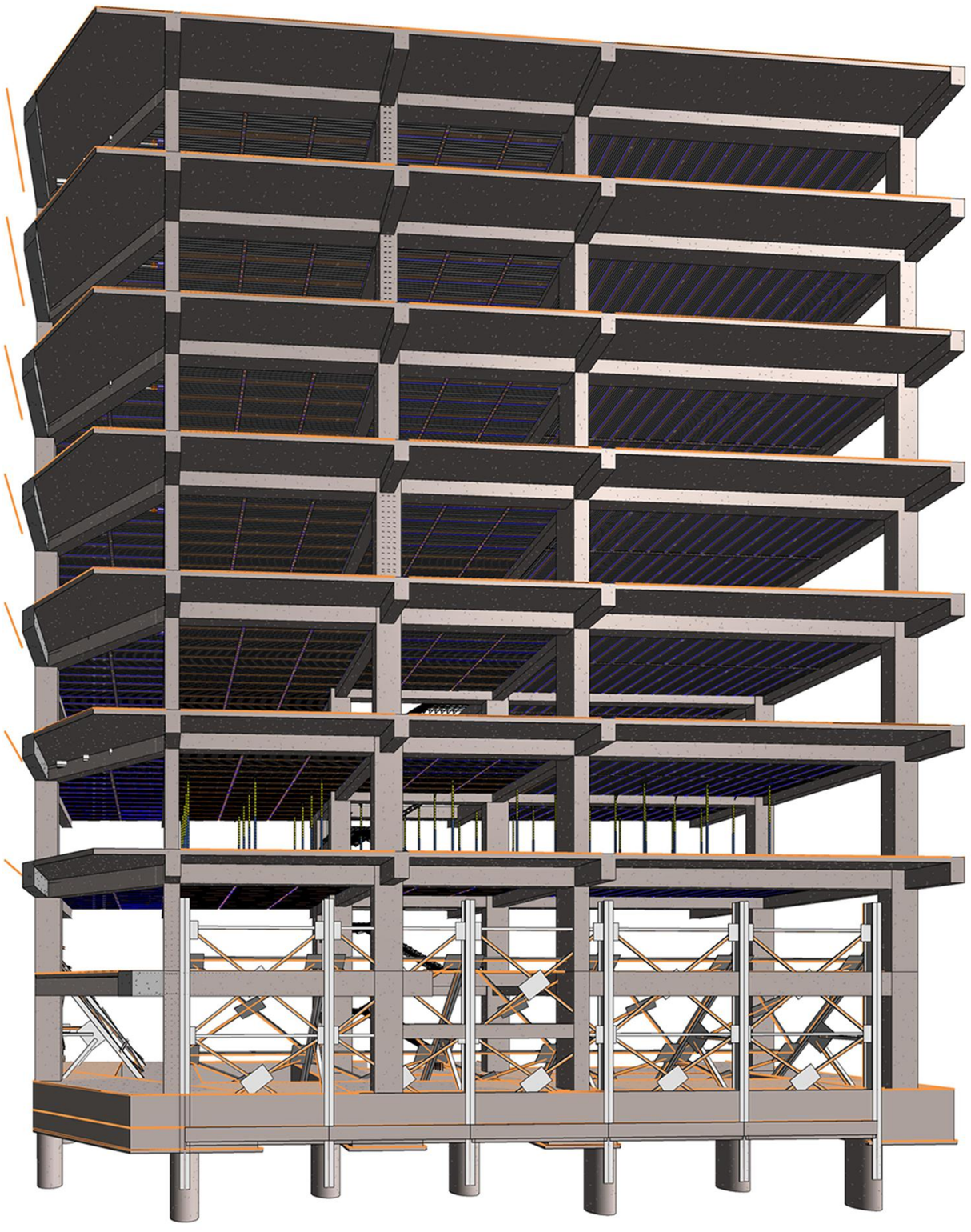
Structure

01

Residential building modeling project based on BIM

Modeling the information and designed structural drawings based on BIM in Revit



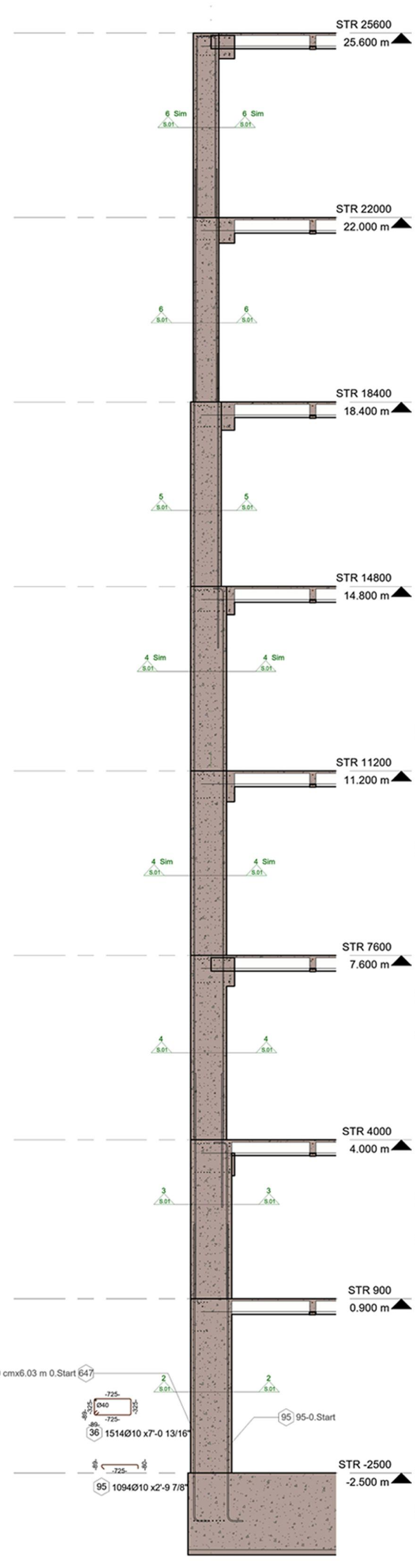


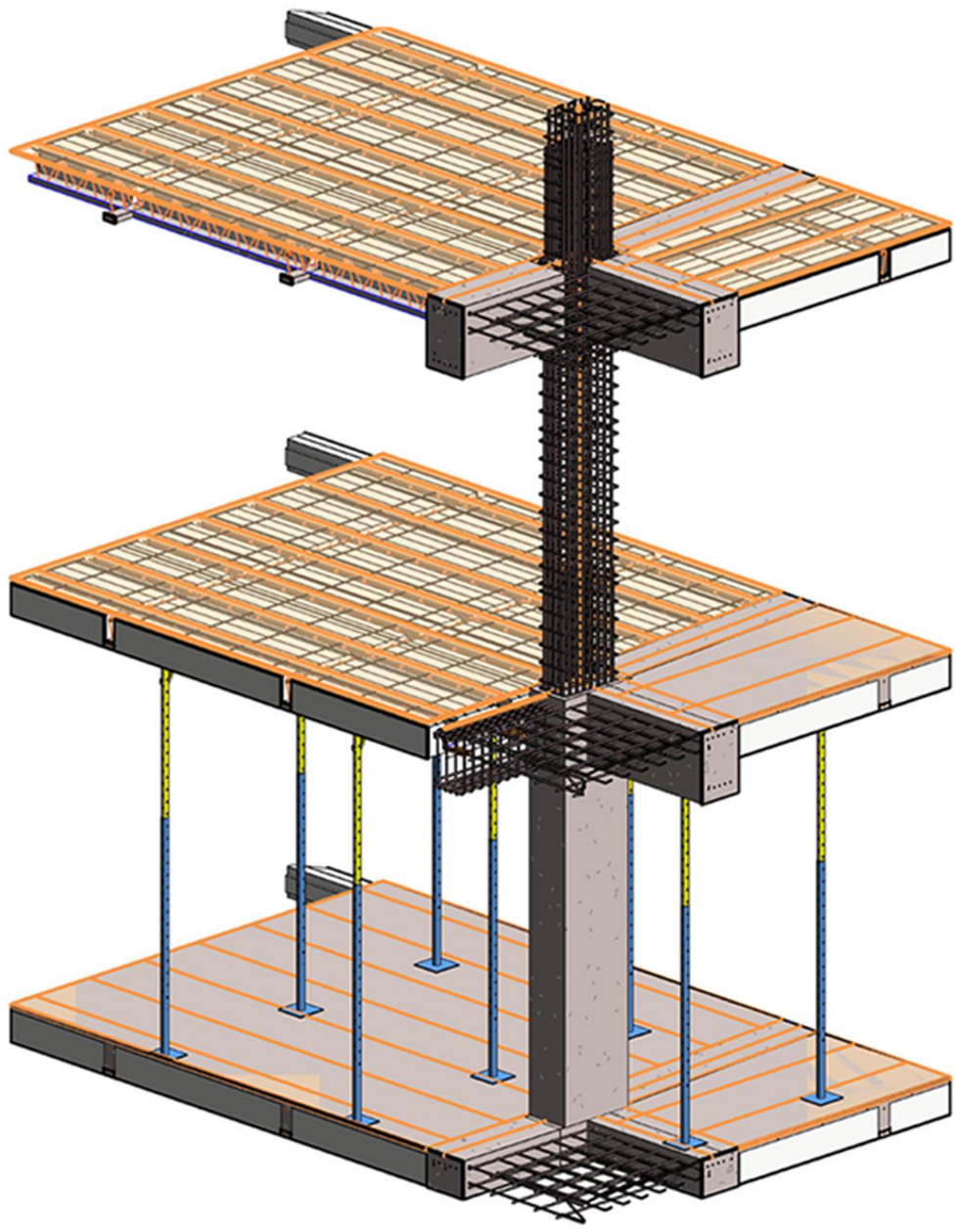
Structure

01

Residential building modeling project based on BIM

The reinforcment layout plan for the foundation that has been modeled in Revit , and a view of the reinforced concrete wall



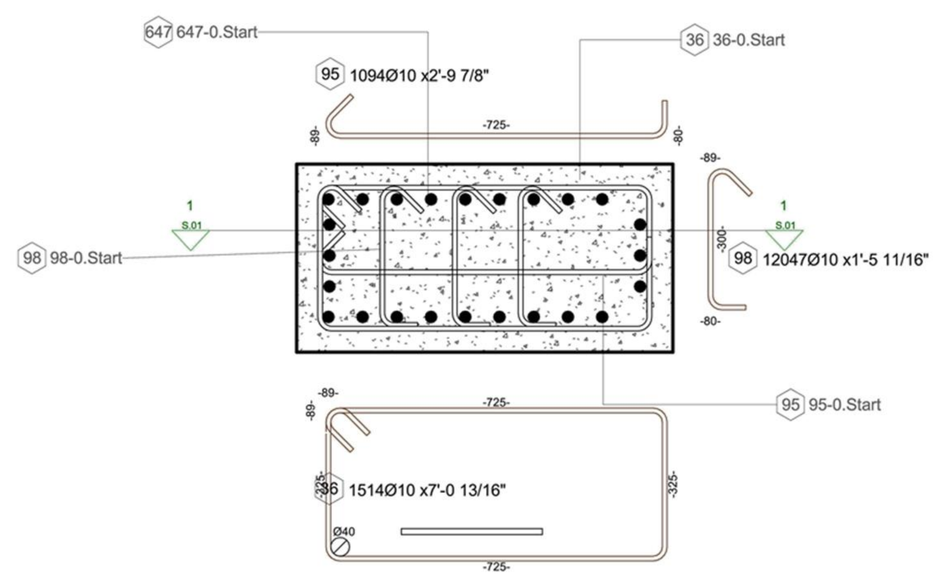


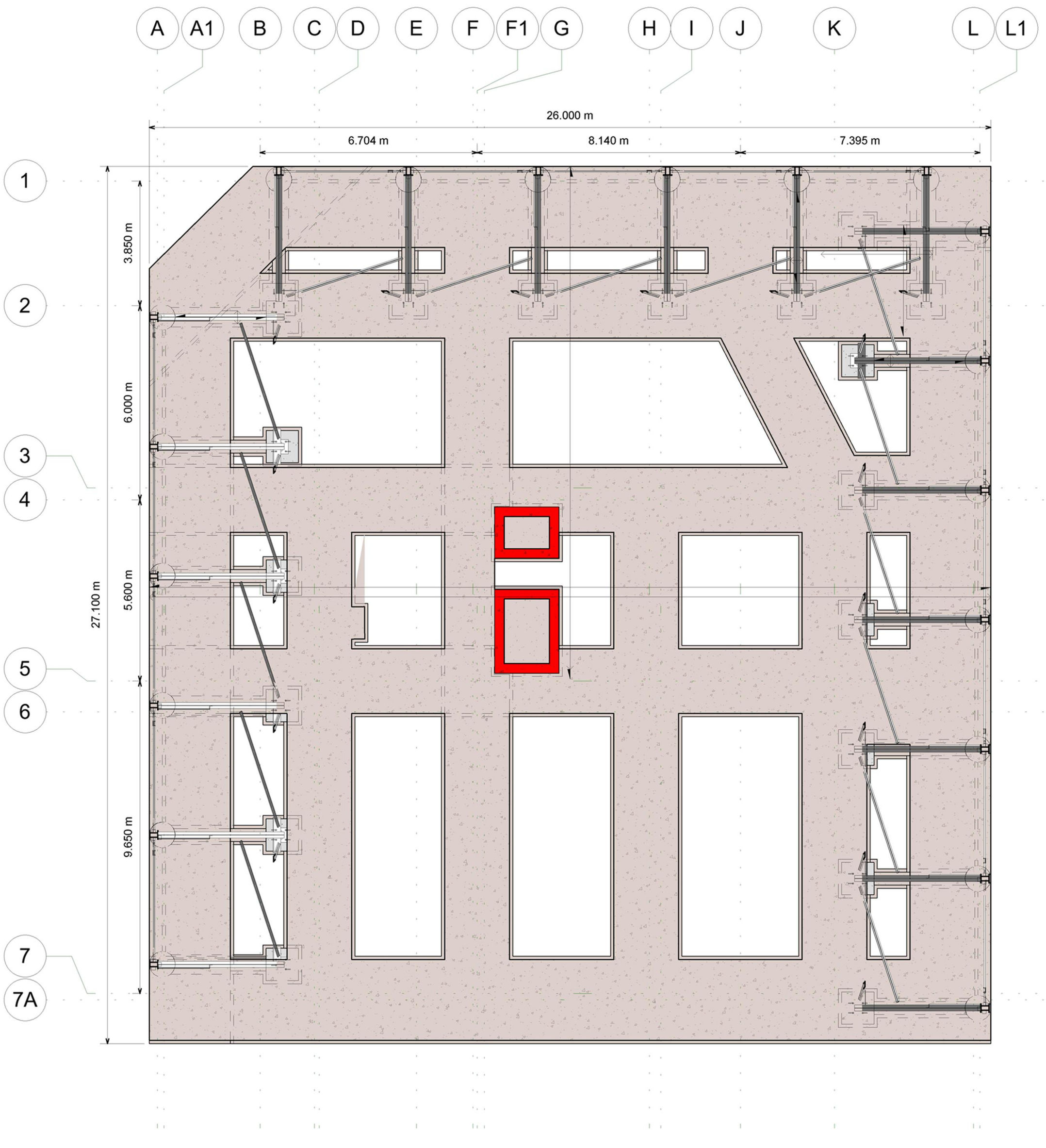
Structure

01

Residential building modeling project based on BIM

The modeled structural retaining wall plan based on the structural drawings in Revit software , and a portion of the construction details



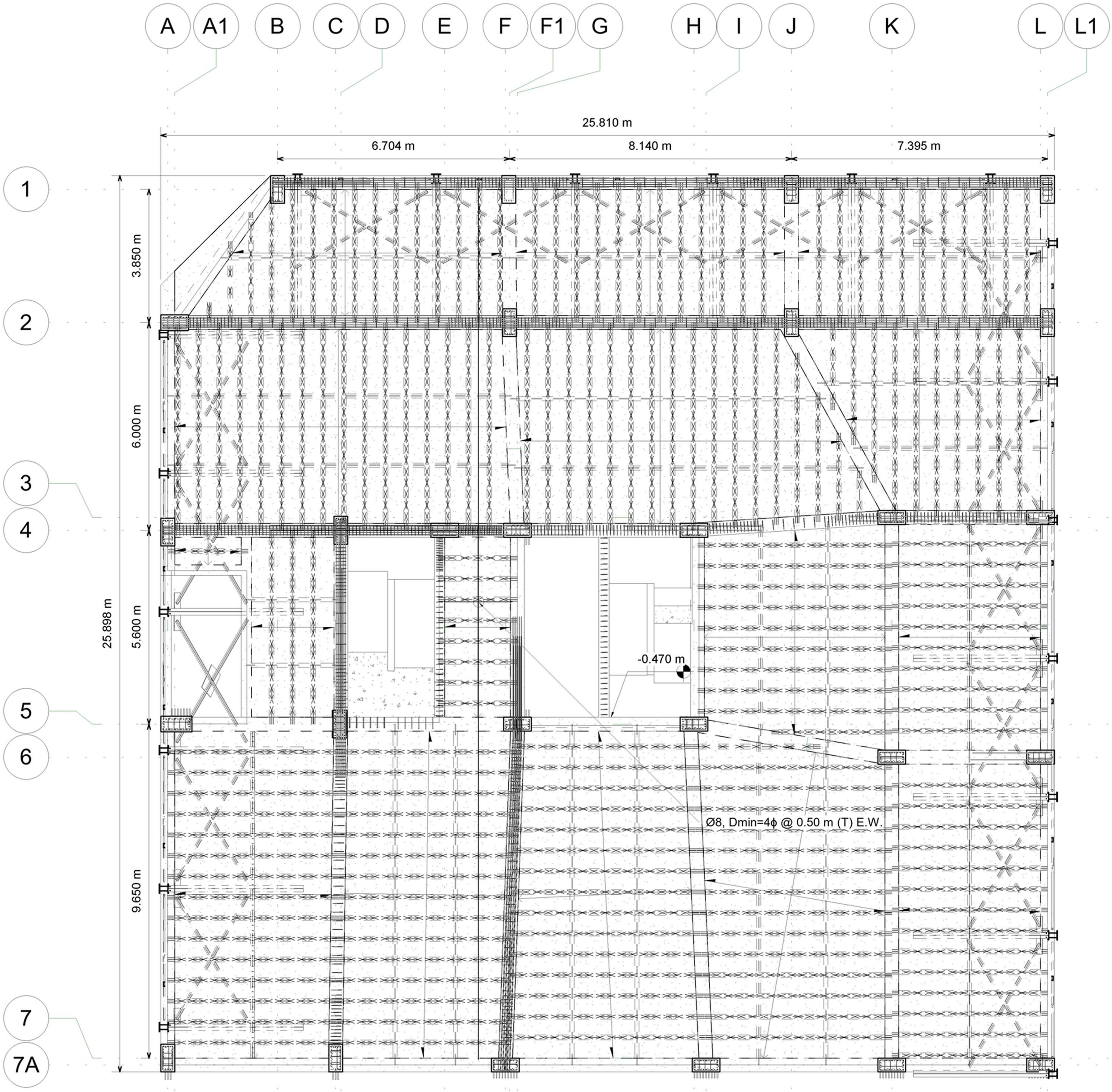


Structure

01

Residential building modeling project based on BIM

The structural ceiling beam layout plan and the modeled detail based on the structural drawings within the Revit software environment , and a d view of a section of the ceiling and floor details

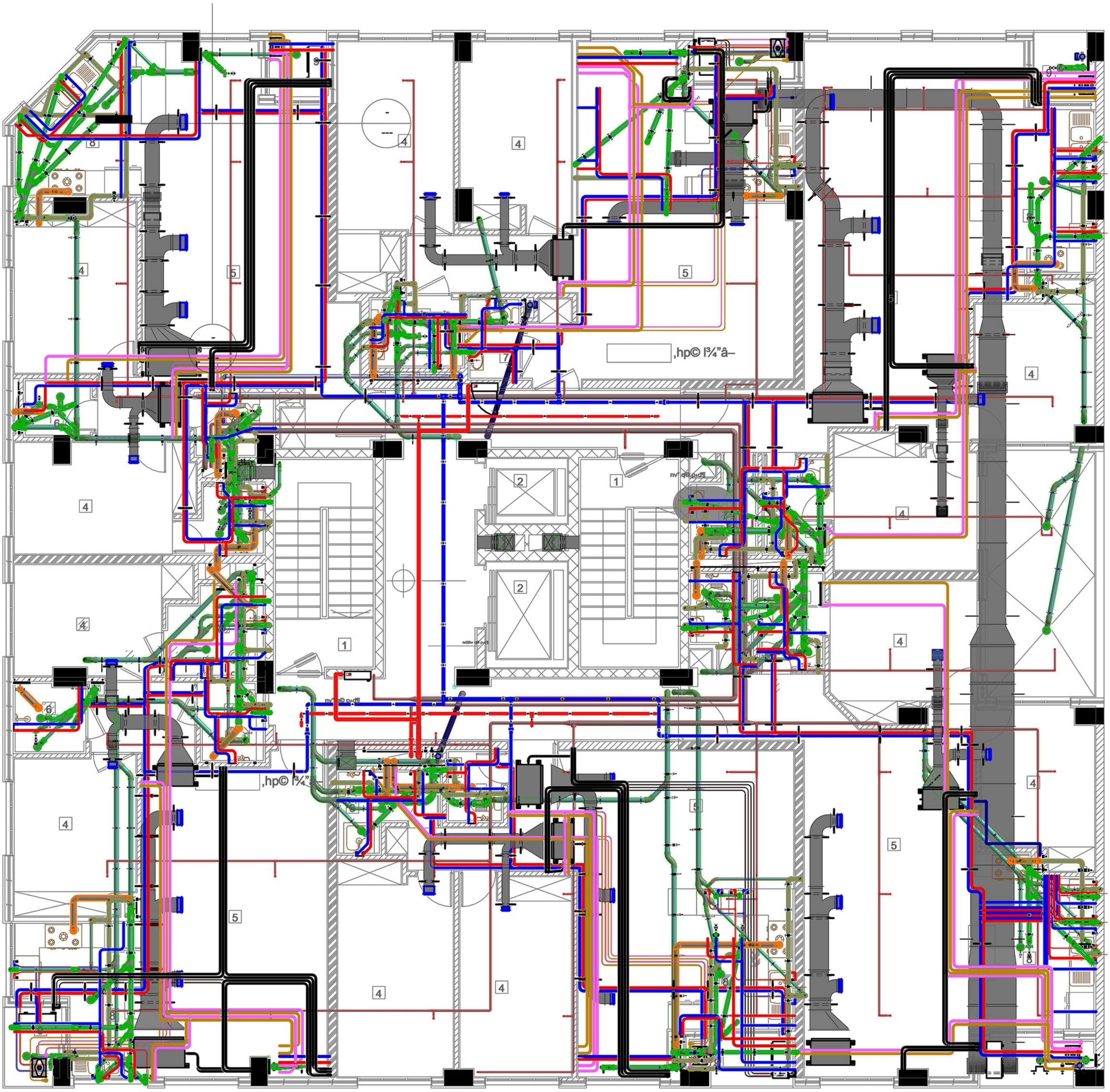


MEP

01

Residential building modeling project based on BIM

Drafting the electrical and mechanical installation drawings in a single file withing the MEP template environment , with separate layering for the purpose of generating individual outputs from the different building systems in the project

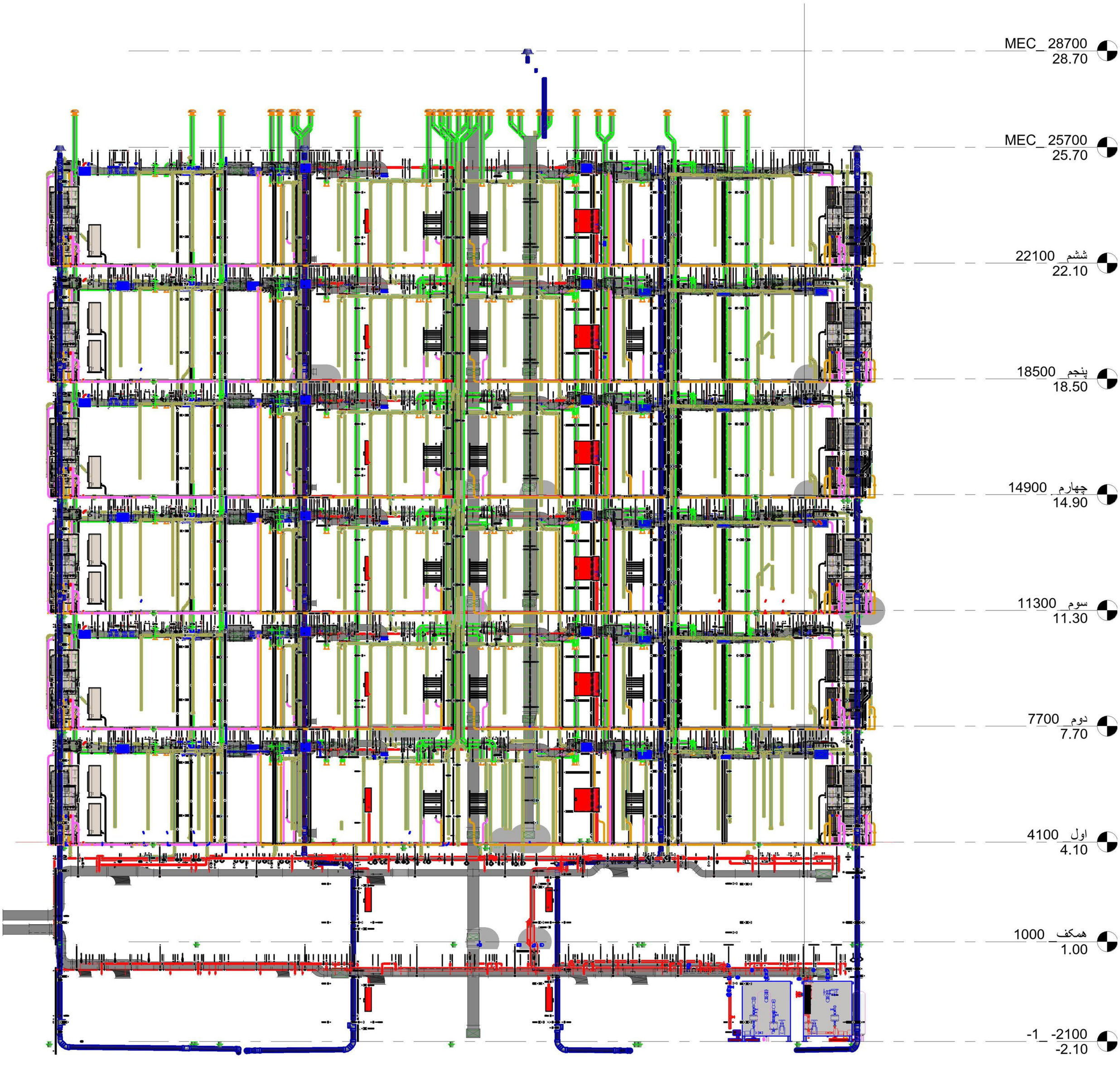


Residential building modeling project based on BIM

Cross section view of the entire modeled building services (MEP) systems in the residential project

MEP

01

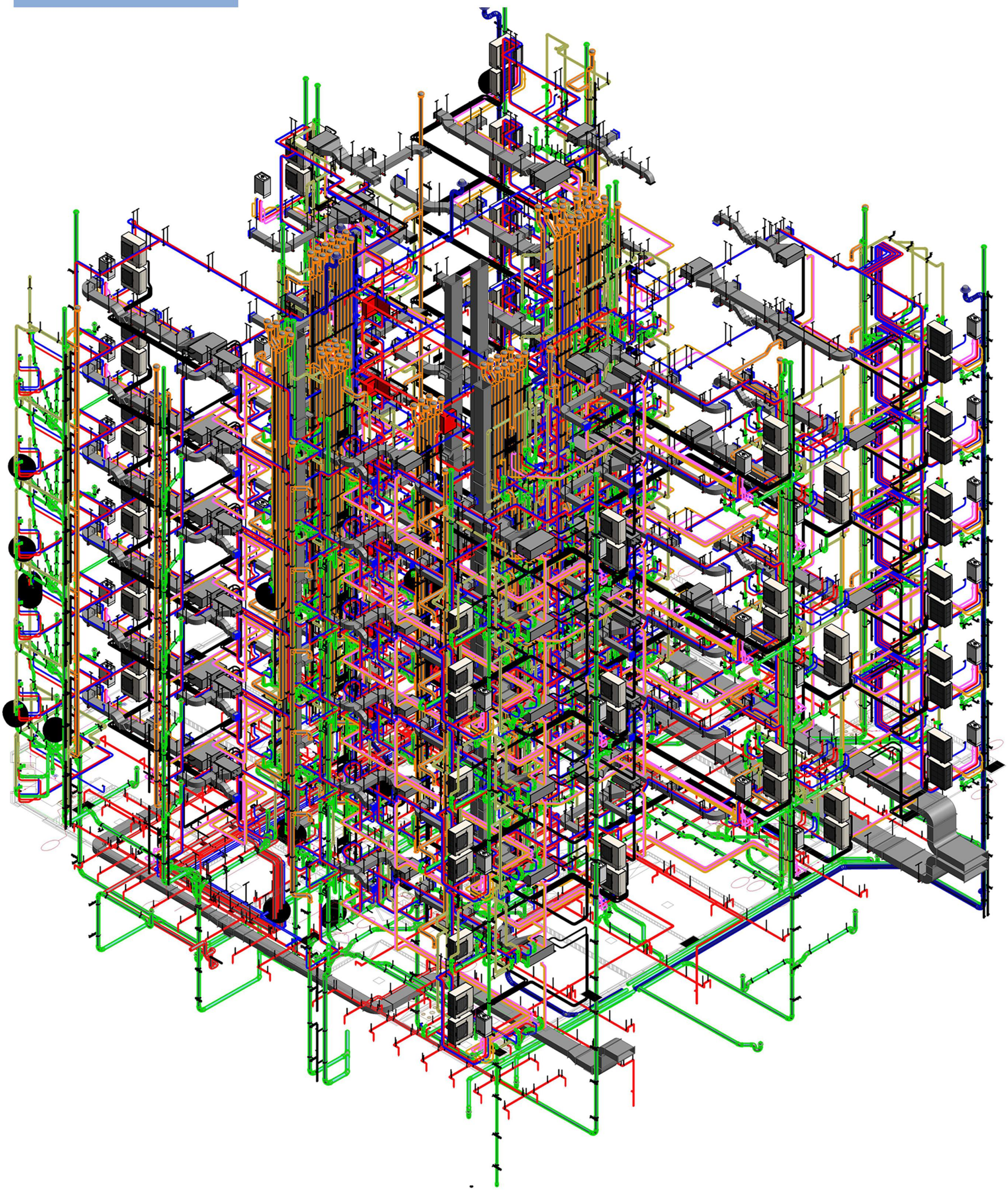


MEP

01

Residential building modeling project based on BIM

Modeling the electricsl and mechanical installation drawing in a single file within the mep template environment in Revit software

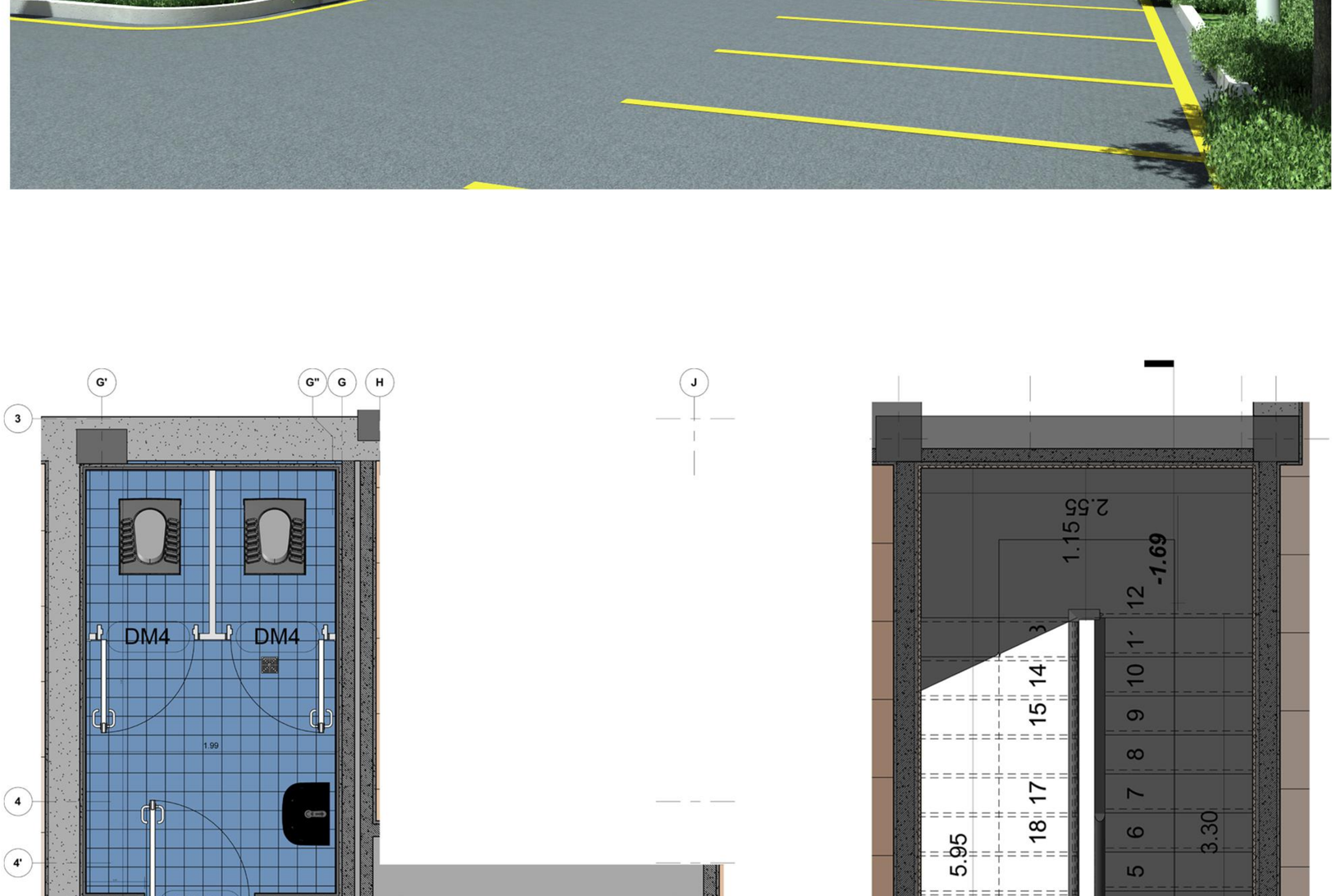


Architecture

02

The Design and modeling project of an administrative and ornamental fish quarantine hangar based on BIM

The plan of the first basement level which includes interconnected halls for the arrangement of aquariums.a close up of two sections of the basement plan has been considered for display

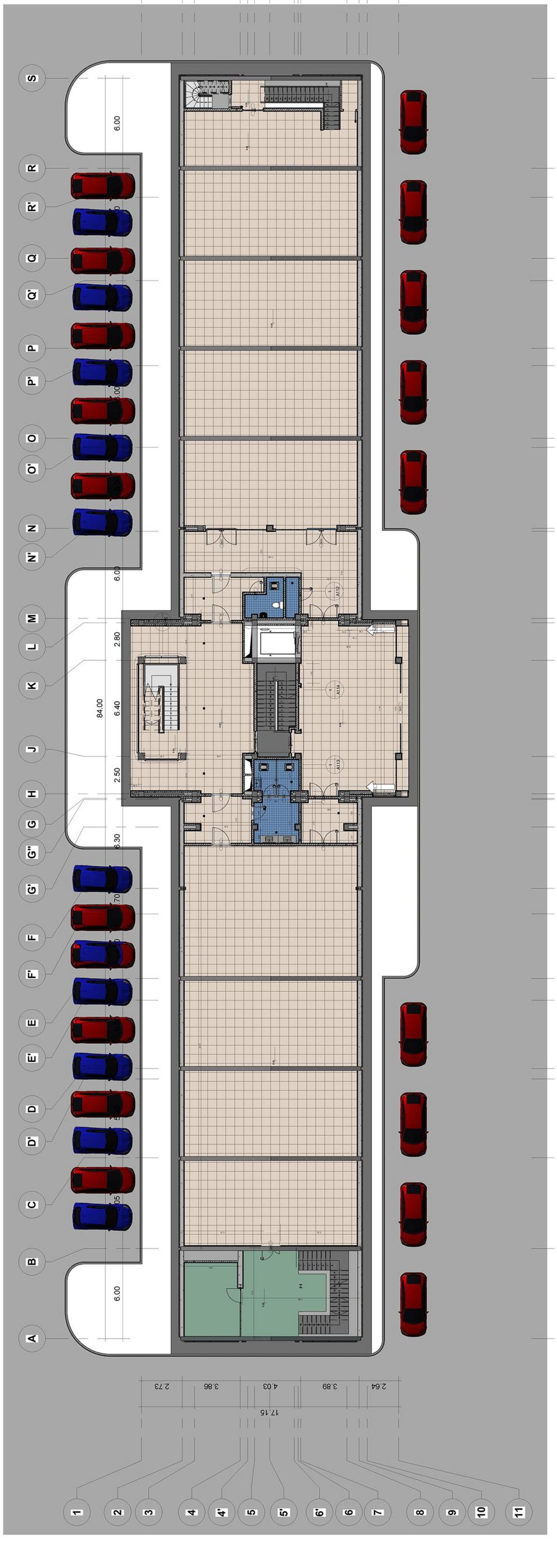


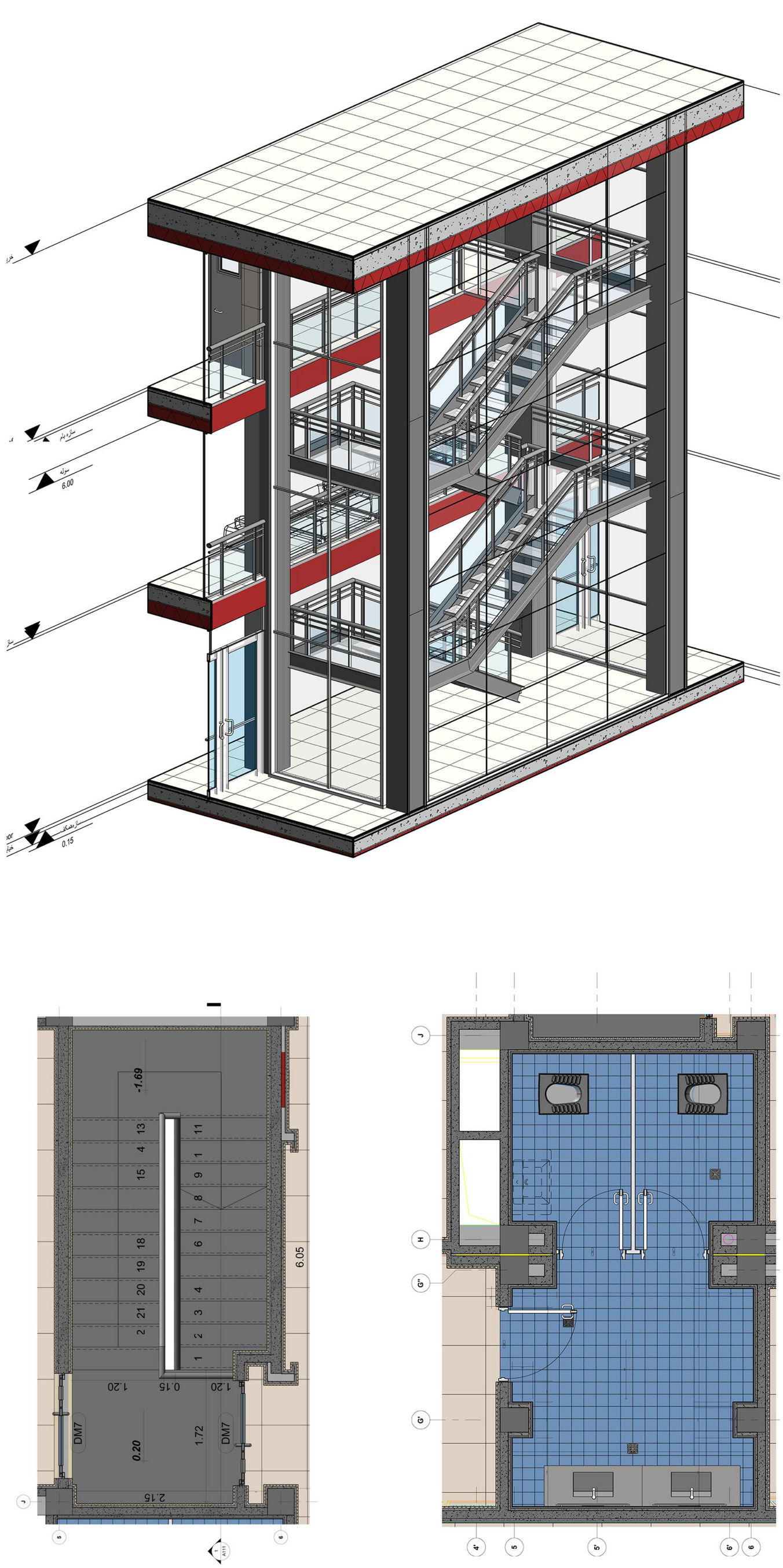
Architecture

02

Design and modeling project for the administrative shed and quarantine of ornamental fish based on

The ground floor plan and section of the stairwell box to better display this part of the plan , which continues from the ground floor to the first floor





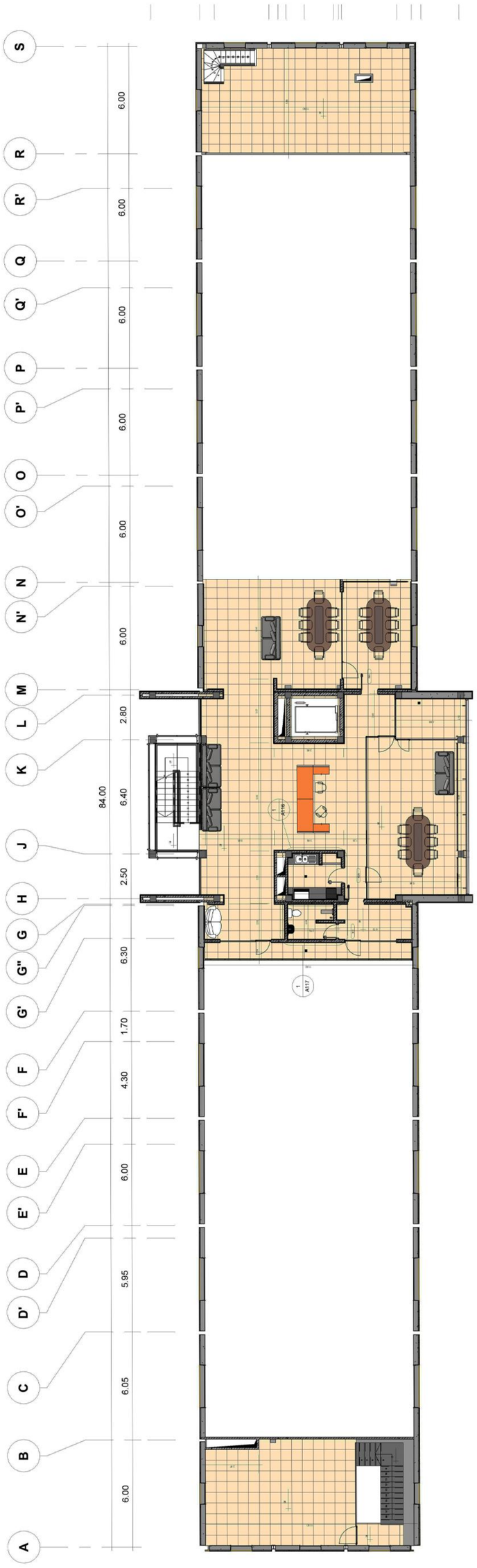
Architecture

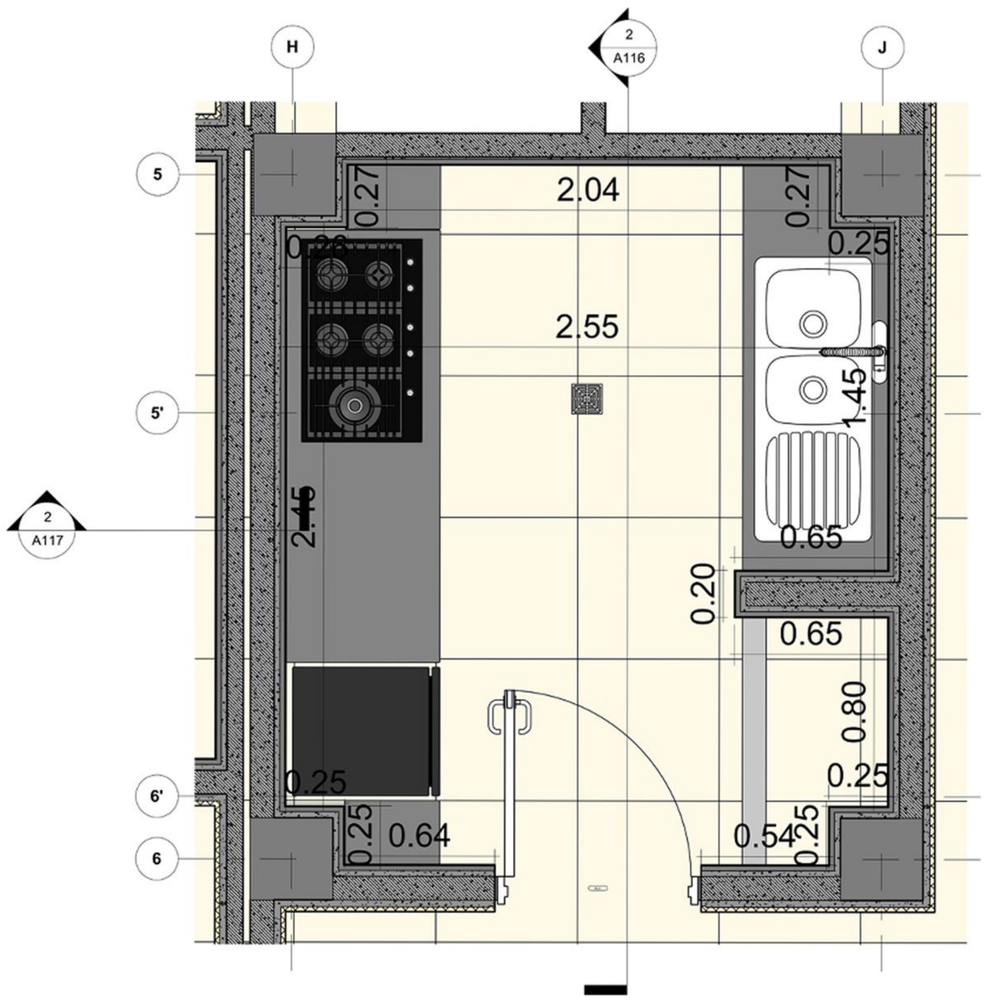
02

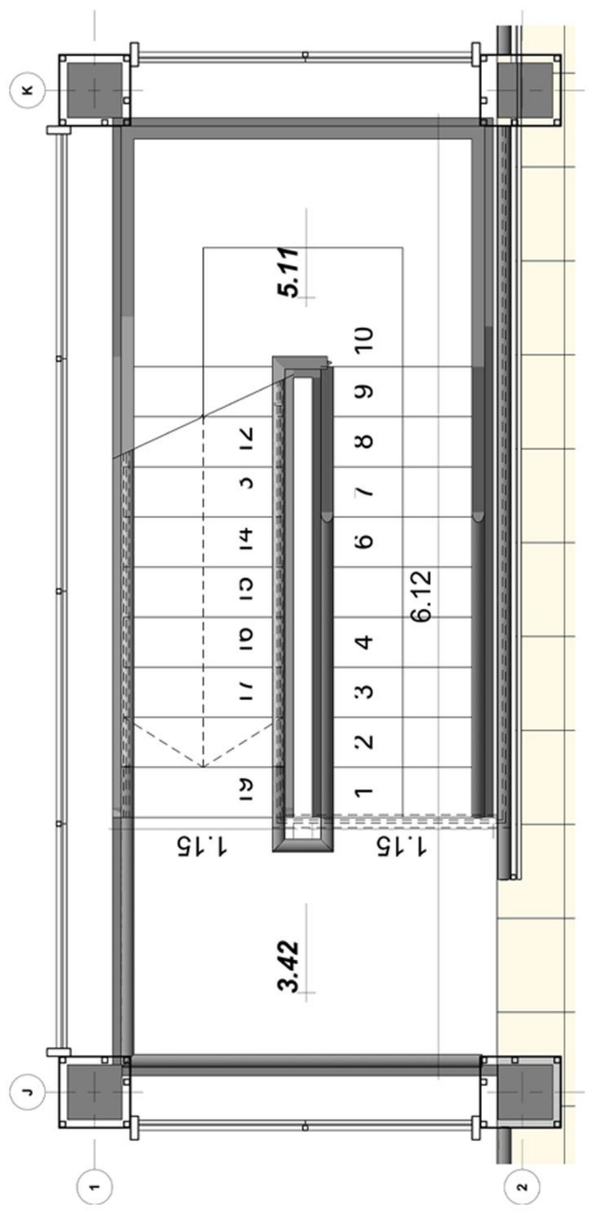
Design and modeling project for the administrative shed and quarantine of ornamental fish based on BIM

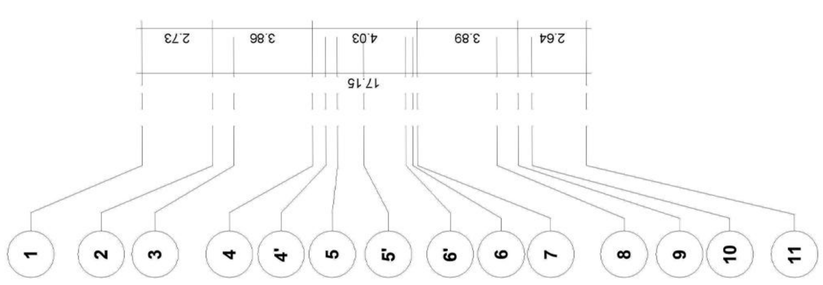
First floor plan and interior design of the administrative section that hase been modeled and rendered with the vray plugin in 3ds max environment











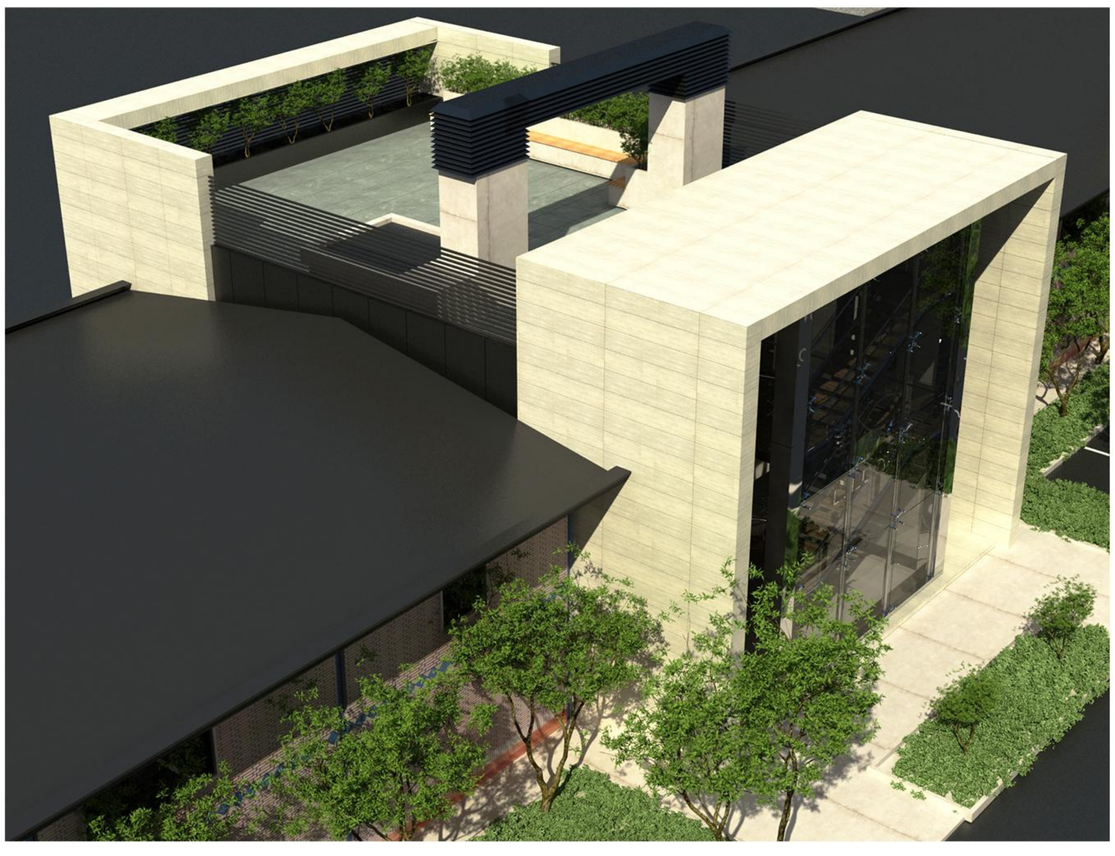
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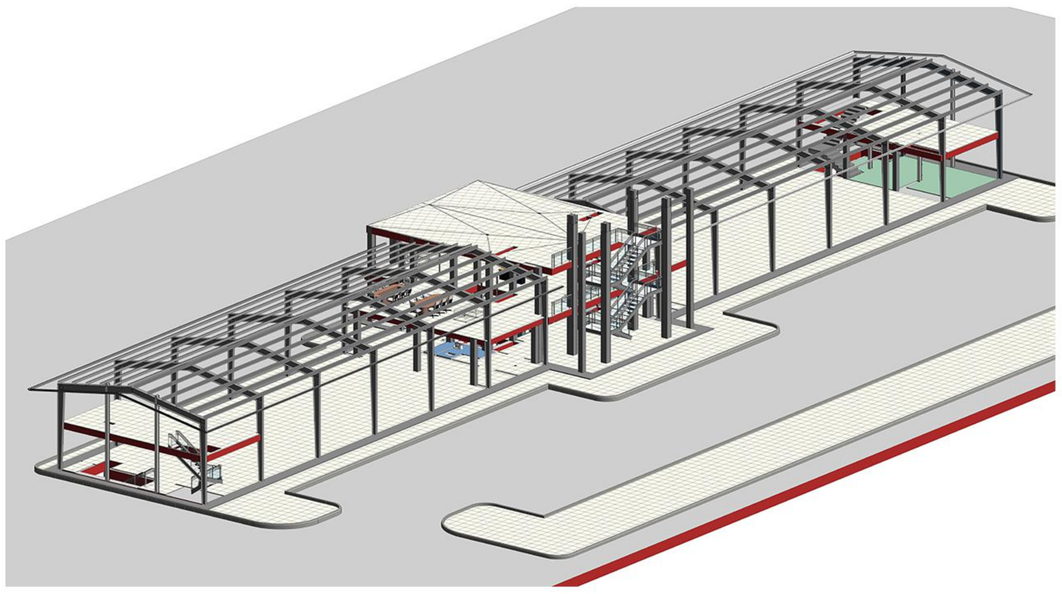
02

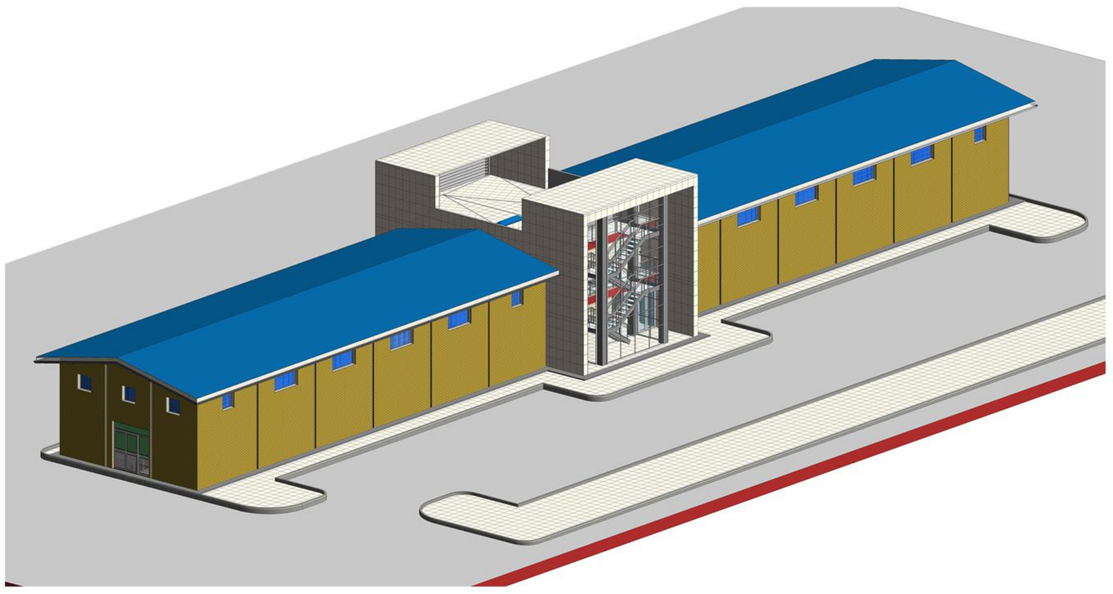
The design and modeling project of an administrative and ornamental fish quarantine hangar based on Bim

The 3d model of the hagar , where the middle part is for administrative offices and the two sides are the halls for housing the aquariums











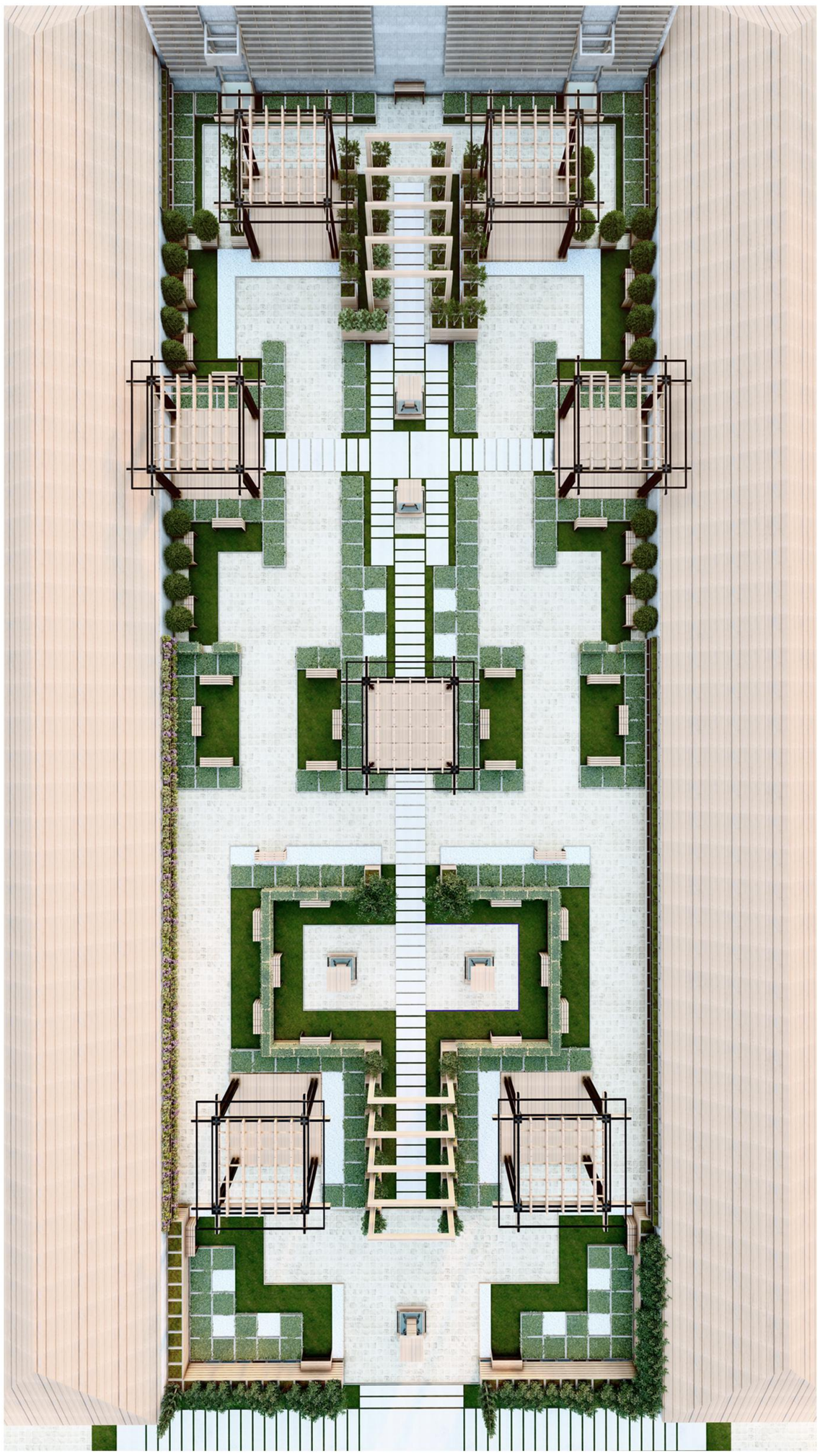


Architecture

03

The design and modeling project of a roof garden

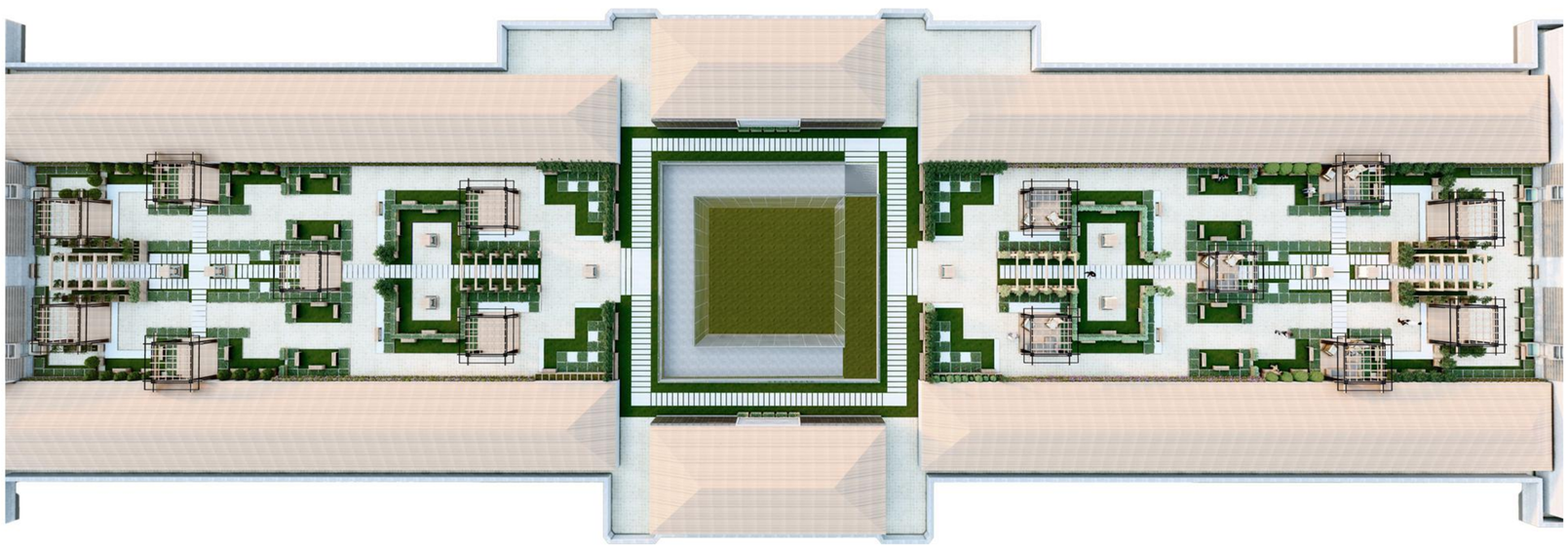
The roof garden design project based on the principles and pre defined objects of the chekadbam company , which was carried out in revit , and the rendering was done using lumion

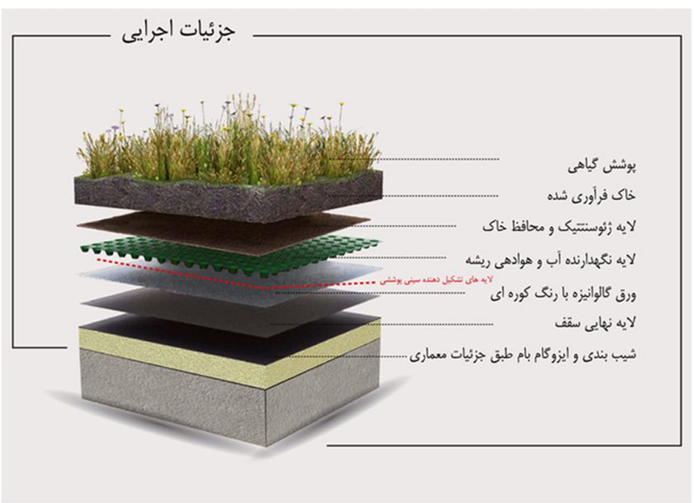










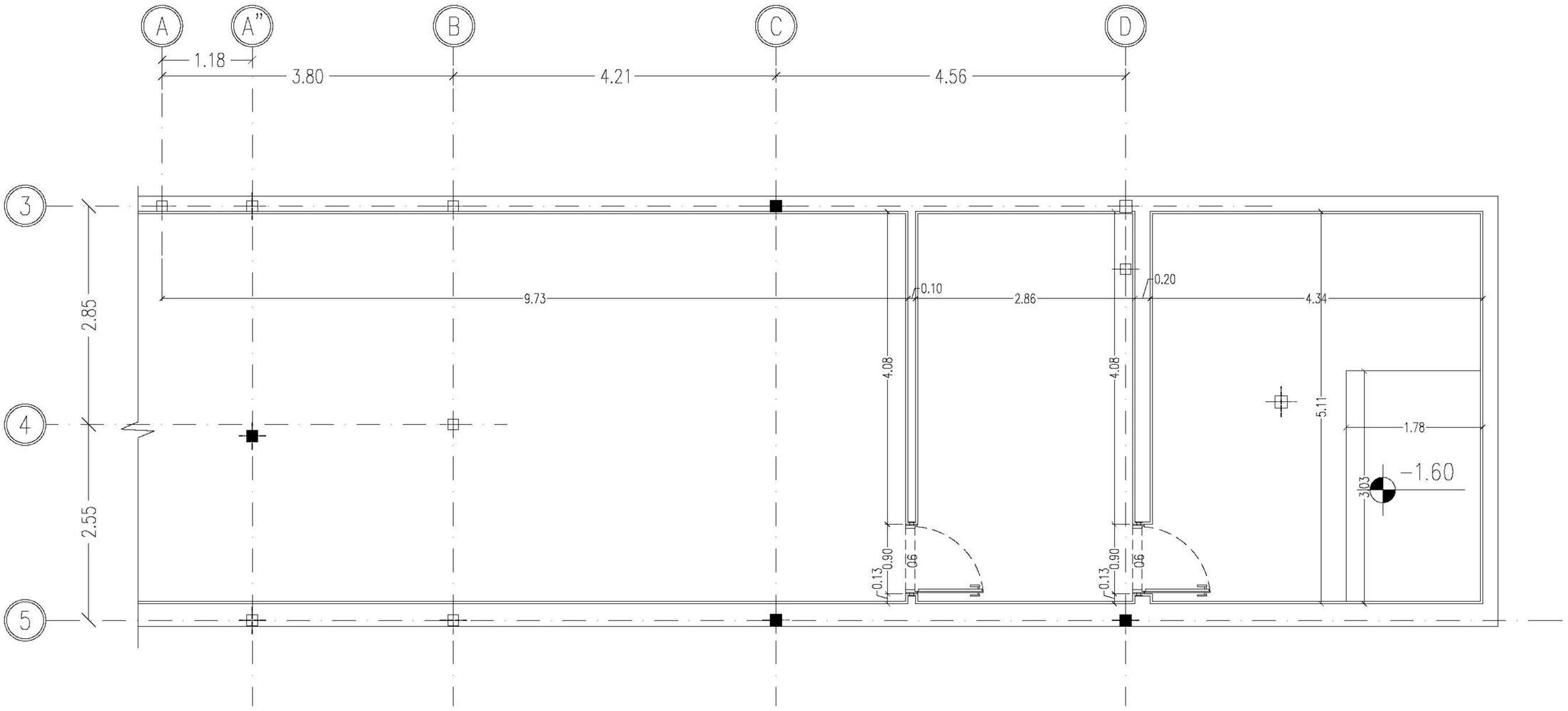


Architecture

04

Villa design and modeling project

Villa modeling and design using revit software and rendering in the lumion program



پلان اندازه گذاری پارکینگ

Sc. 1/75

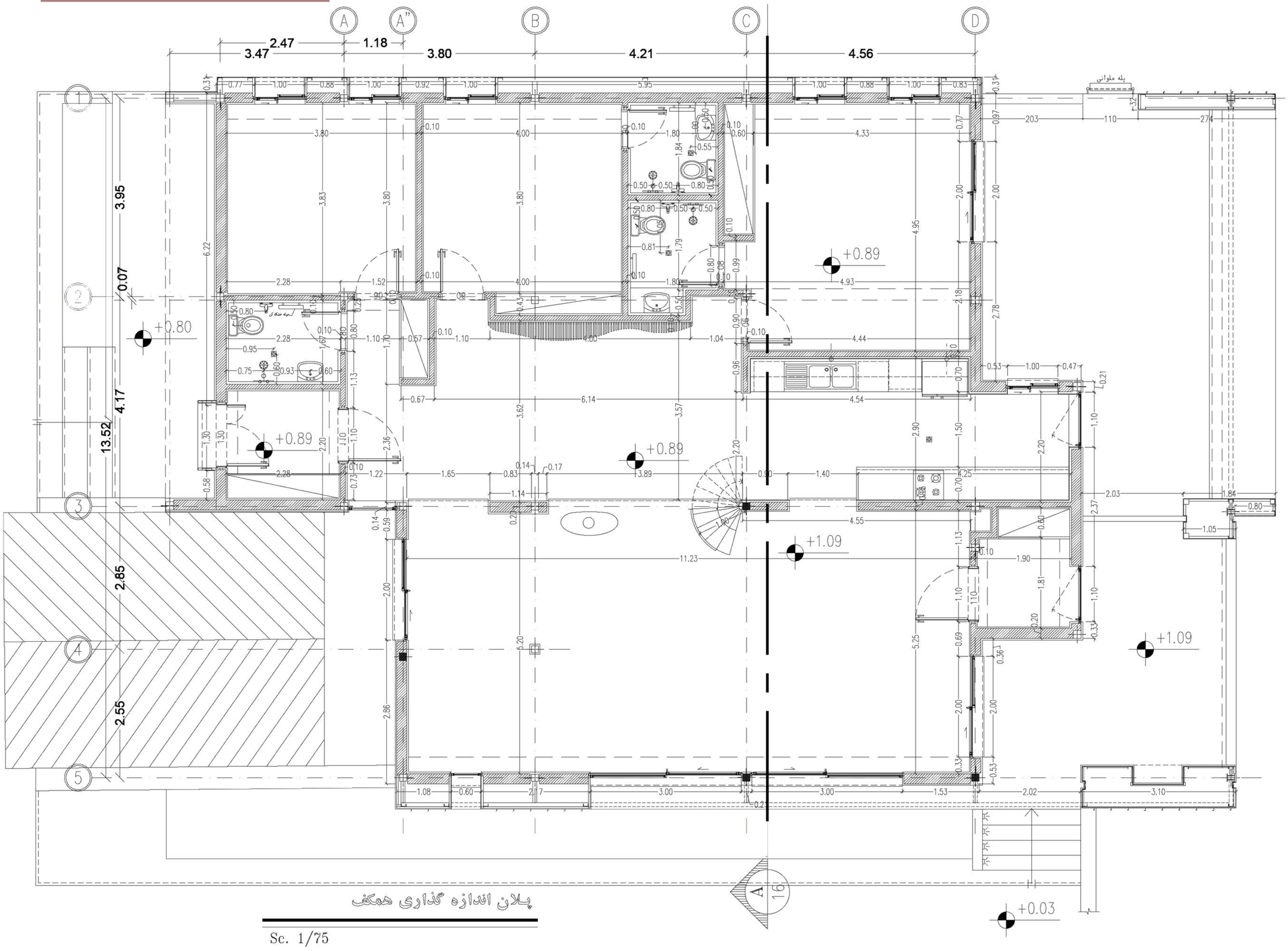


Architecture

04

The design and modeling project of a villa

Modeling and design of a villa using Revit software , and rendering in the lumion program



Sc. 1/75

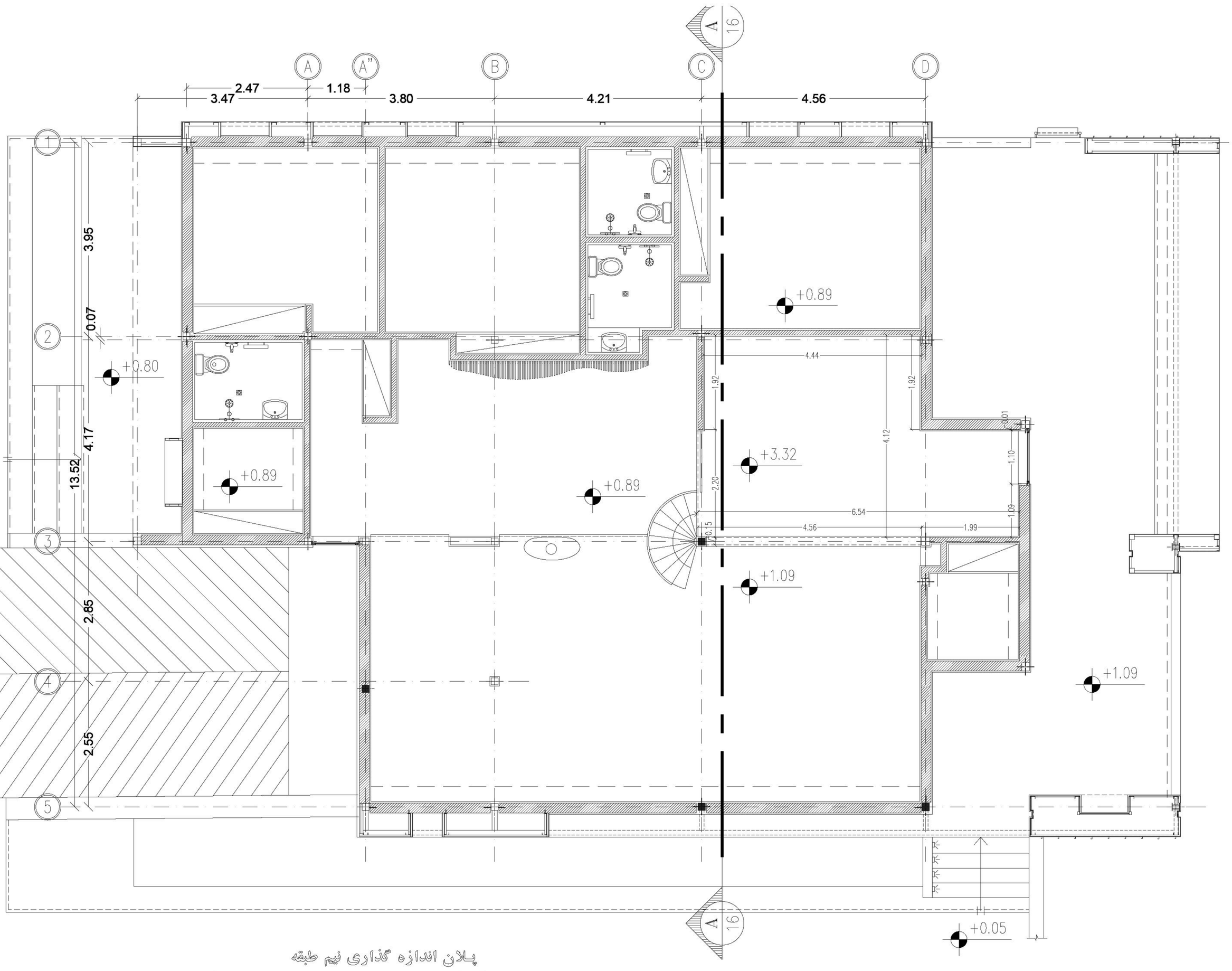


Architecture

04

Villa design and modeling project

Villa modeling and design using revit software and rendering in the lumion program



پلان اندازه گذاری نیم طبقه

Sc. 1/75

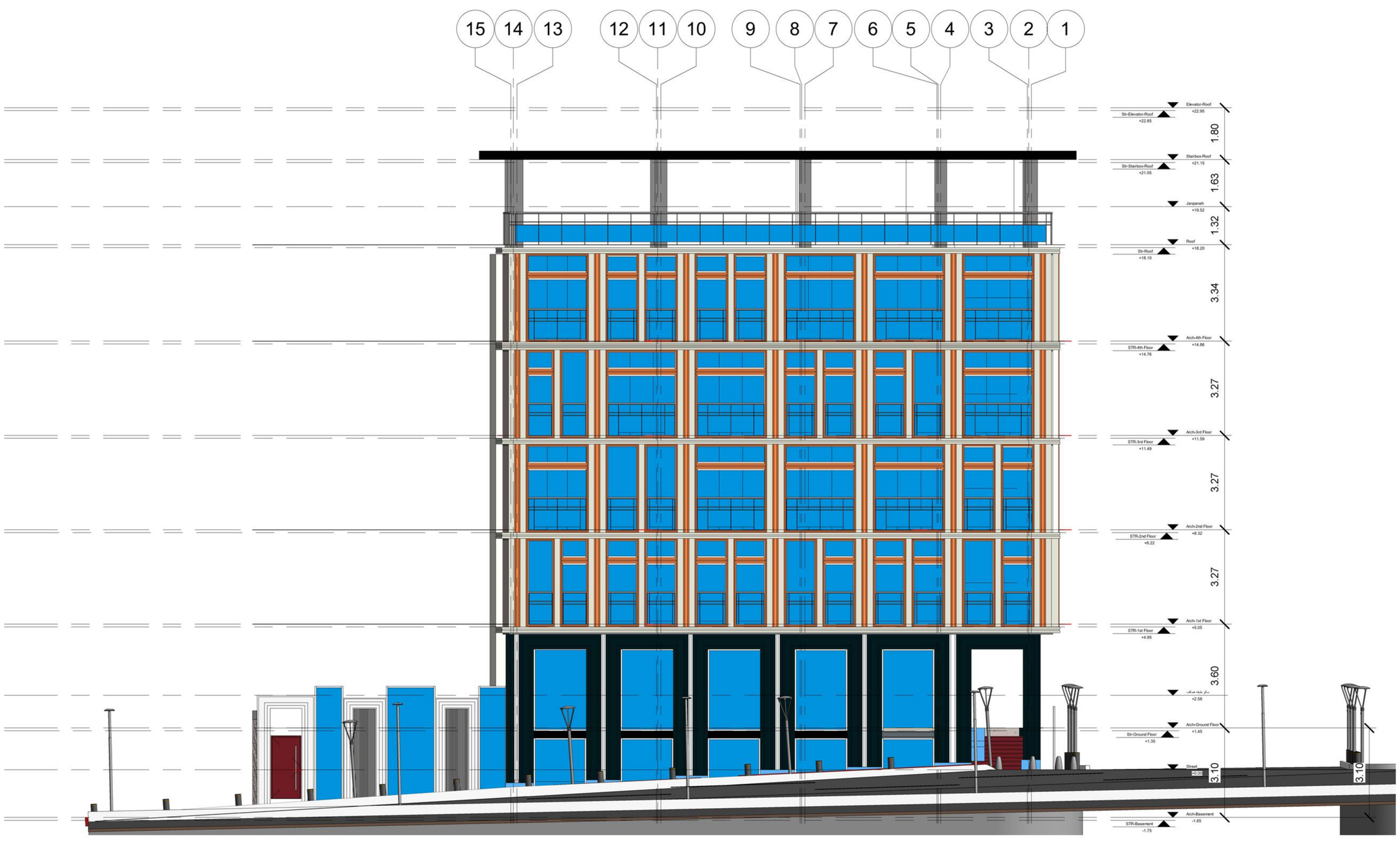
Architecture

05

Facade design for an office building in shahrak e gharb ,tehran

To model the north and east facades of the building in Revit





Architecture

05

Design of the office building facade in shahrak e gharb



Architecture

06

Design and modeling project of an office building based on Bim

facade design , site planning , and project modeling in revit based on BIM





Architecture

07

Interior design and modeling project of a residential unit

The design and modeling project for the renovation of a residential unit in karaj gharmdare , where the modelig was done in revit , and the lighting , furniture , and rendering were carried out in vray



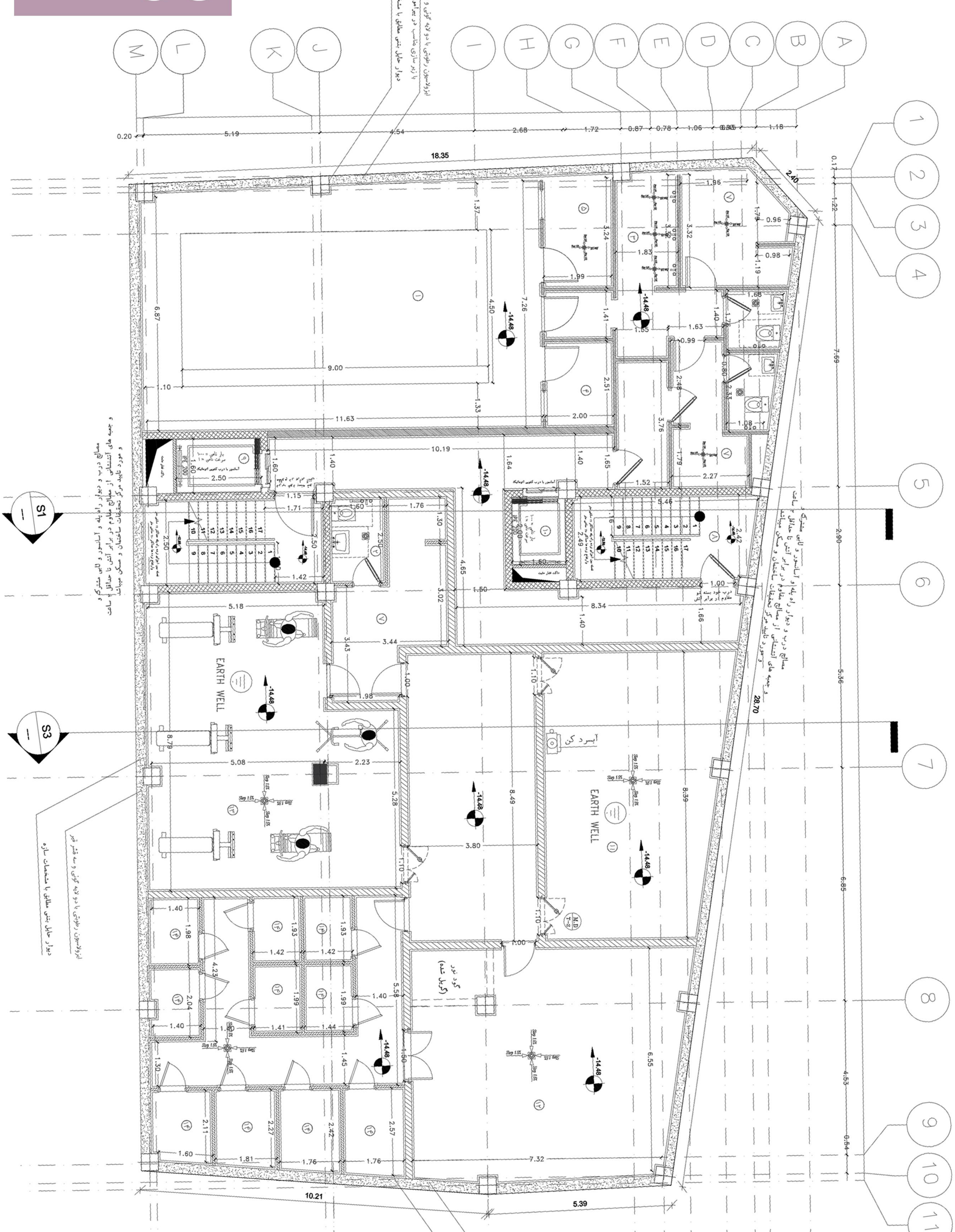


Architecture

08

Design of the residential building plan in fereshteh

Design of a residential plan located in tehran , consisting of floors above the ground floor and 5 floors below the ground



Architecture

08

Desing and modeling of a residential building in tehran

Here is the response on the design of a 10 story residential building with 5 basement levels for parkimg , a swimming pool , and a gym , located in district 1 of tehran

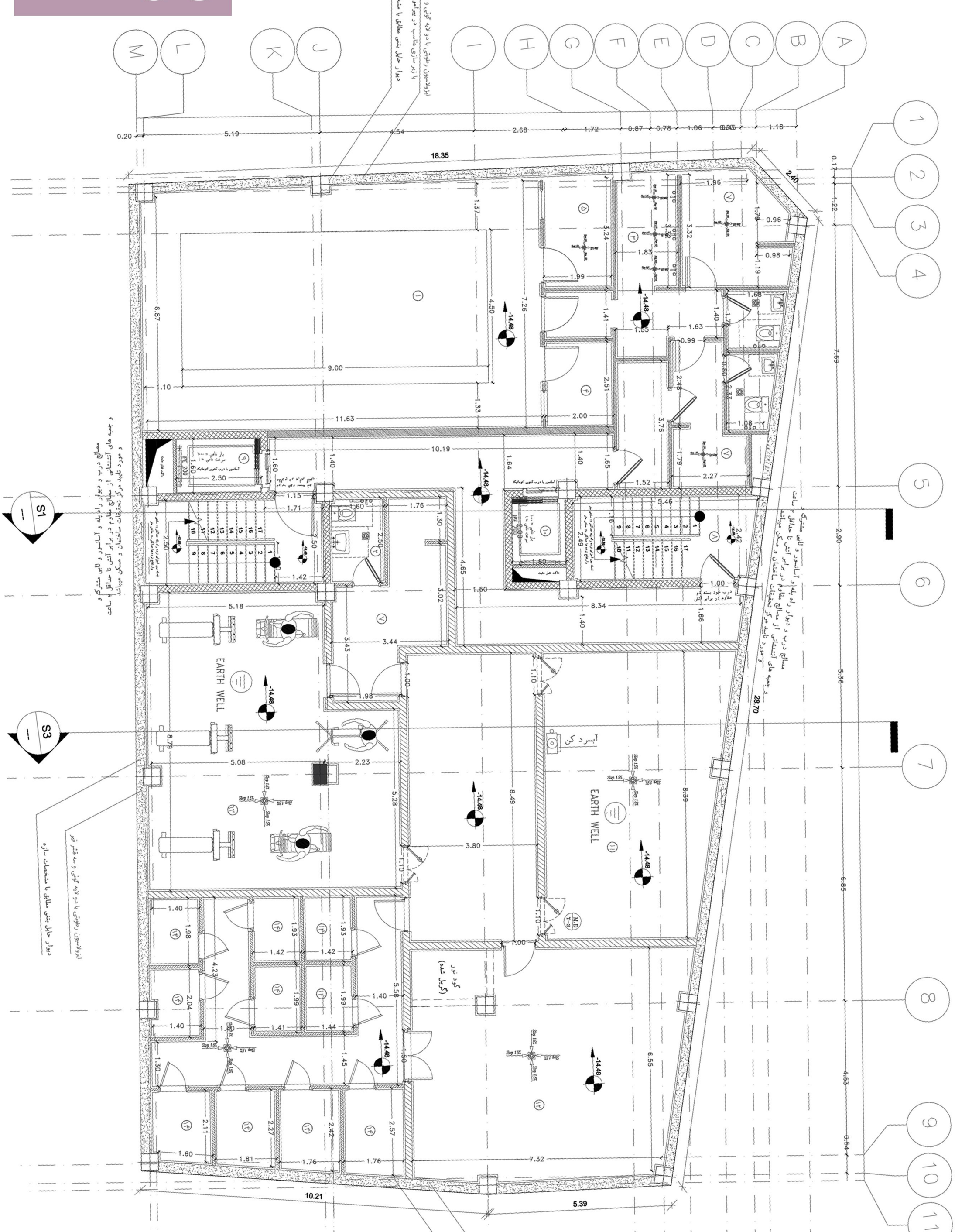


Architecture

08

Design of the residential building plan in fereshteh

Design of a residential plan located in tehran , consisting of floors above the ground floor and floors below the ground



Architecture

09

Tehran urban park design project

The design plan for phase of the urban park in tehrans district includes the placement of multiple amenities such as a cultural center , restaurant , cafe , and collective/ communal spaces within the park

خیابان در قسمت هایی که به پارک دسترسی وجود دارد آرام سازی انجام شده تا ارتباط میان پارک و بافت اطراف ایجاد گردد

فرهنگسرا

آبنما

رستوران و کافی شاپ

آبنما

سرویس بهداشتی

سردر و آبنمای ورودی

آبنمای خطی ورودی غربی و شرقی را به هم ماتصال میدهد

آبنما

محدودهای ورزشی -بازی کودکان-ورزش همگانی

آبنمای شمالی جنوبی سوق دهنده به فضای ورزشی،همگانی،بازی

مازه ورودی

گلخانه و گل فروشی موجود

