# SIMTEC

steel engineering & contracting

SIMTEC

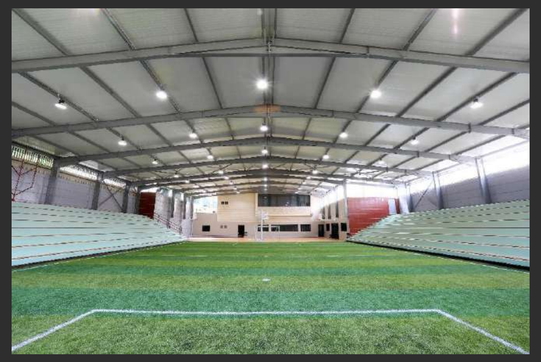

**FOUR SEASONS**
**Restaurant Design & Build – Congo**

Project Overview:
**SIMTEC** completed the design, fabrication, and installation of a restaurant, tailored to client requirements and local standards.

SIMTEC

## HOMENETMEN FOOTBALL COURT

Project Overview:
Aghpalian Homenetmen Center, is a social and cultural institution.
**SIMTEC** executed the steel structure for this modern indoor sports facility, featuring a sleek, arched roof design that provides expansive, column-free space, ensuring optimal functionality, durability and an enhanced athletic experience.



SIMTEC

**LAU - University**

Project Overview:
The steel works was executed by **SIMTEC,** delivering a precision-engineered framework that blends durability with both strength and aesthetic harmony.

SIMTEC

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**UNITED ARMENIAN COLLEGE**

Project Overview:
**SIMTEC** executed the steel structure for this sports facility, delivering a lightweight yet robust framework with a gracefully curved roof, maximizing open space while ensuring durability and structural integrity.

SIMTEC

## M. & H. ARSLANIAN DJEMARAN

Project Overview:
Founded on 3 March 1930 in Beirut and was called the Armenian Djemaran. Today Djemaran is located in Mezher, Antelias and **SIMTEC** successfully executed the steel work with precision and definition.

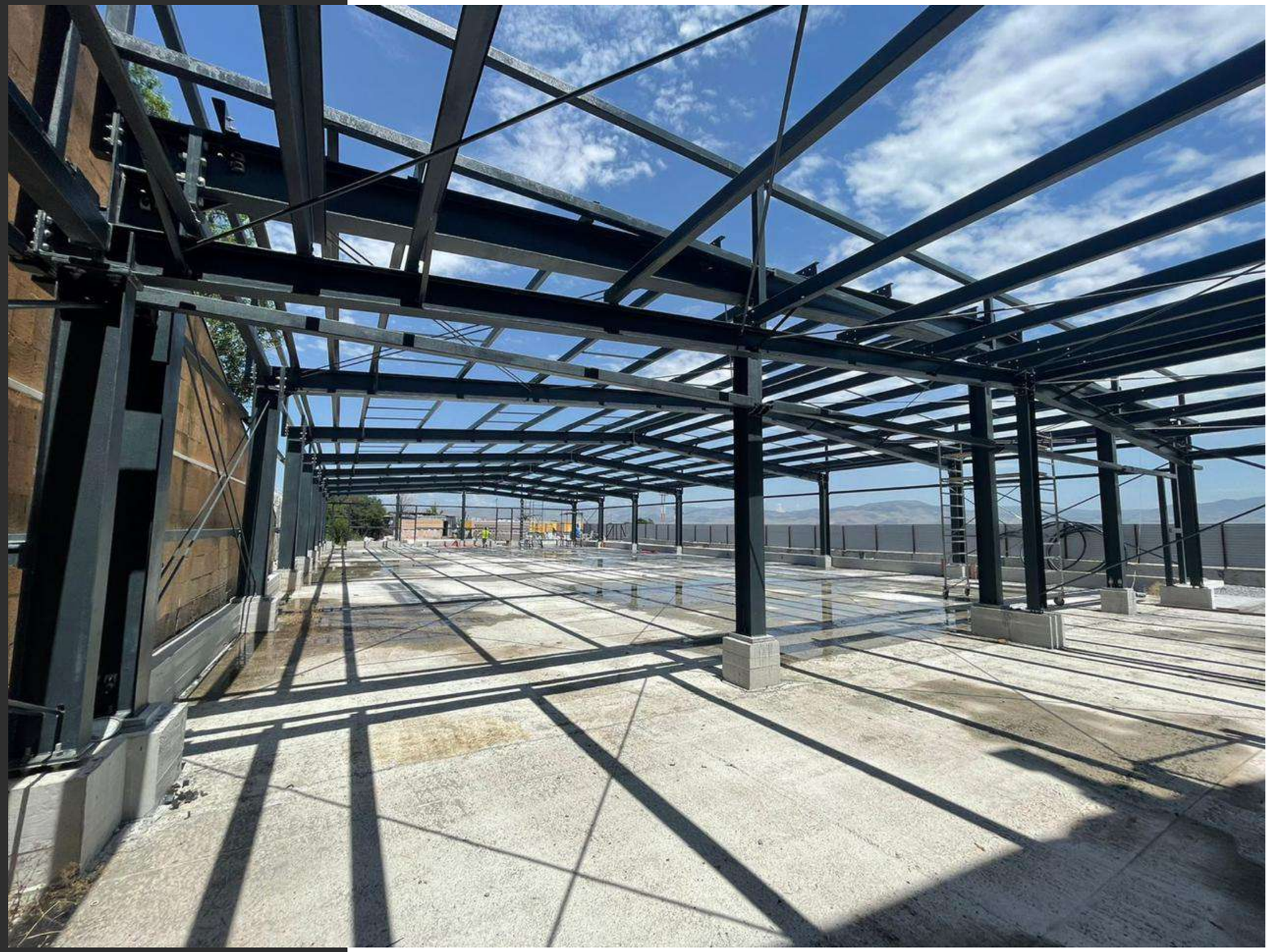
SIMTEC

SHIRAK
ARMENIA INTERNATIONAL AIRPORTS

## ARMENIA AIRPORT

Design and Build of New Terminal – Shirak Region, Armenia

Project Overview:
**SIMTEC** has undertaken the design and construction of a state-of-the-art terminal in the Shirak region, Armenia, commissioned by Zvartnots International Airport.



SIMTEC

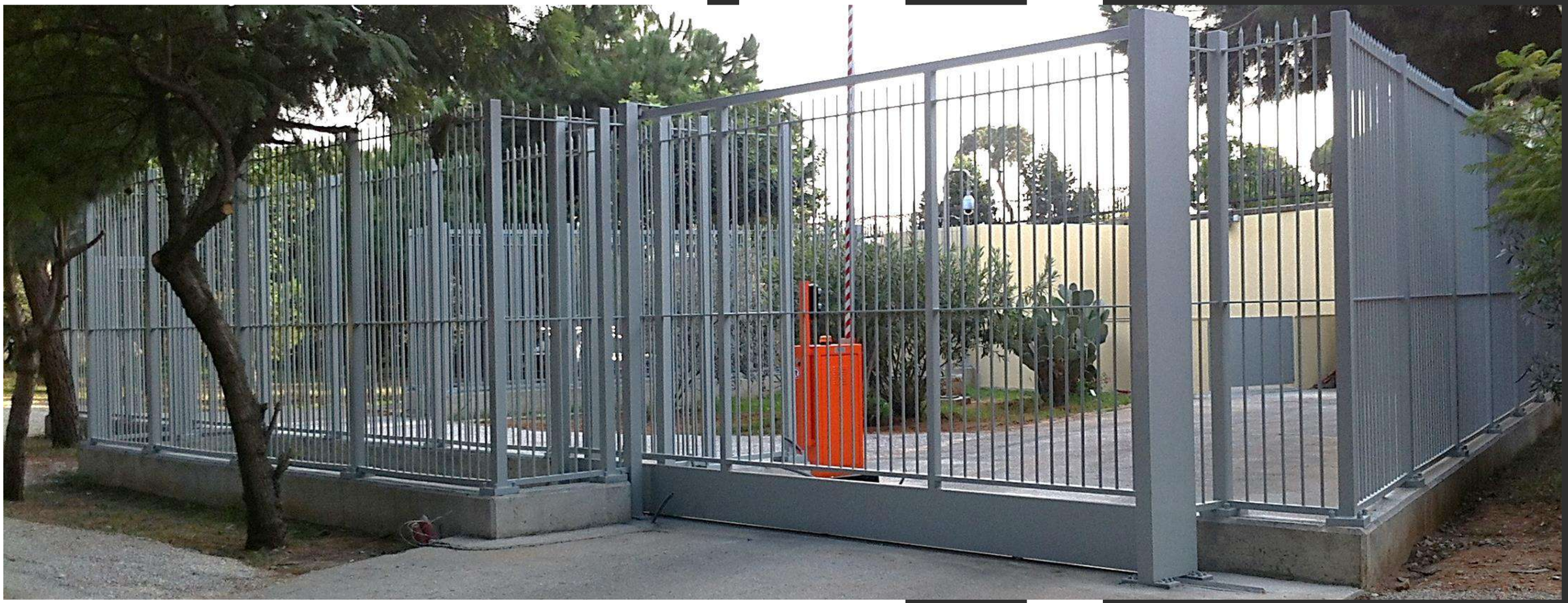
## Paroisse El Saydeh

Project overview:
**SIMTEC** executed the steel curved roof structure covered with sandwich panel.

SIMTEC

**FRENCH EMBASSY**
French Embassy, Lebanon – Comprehensive Construction Support

Project Overview:
**SIMTEC** played a key role in the construction of the French Embassy in Lebanon, contributing to all phases of the project with a focus on security and structural solutions.

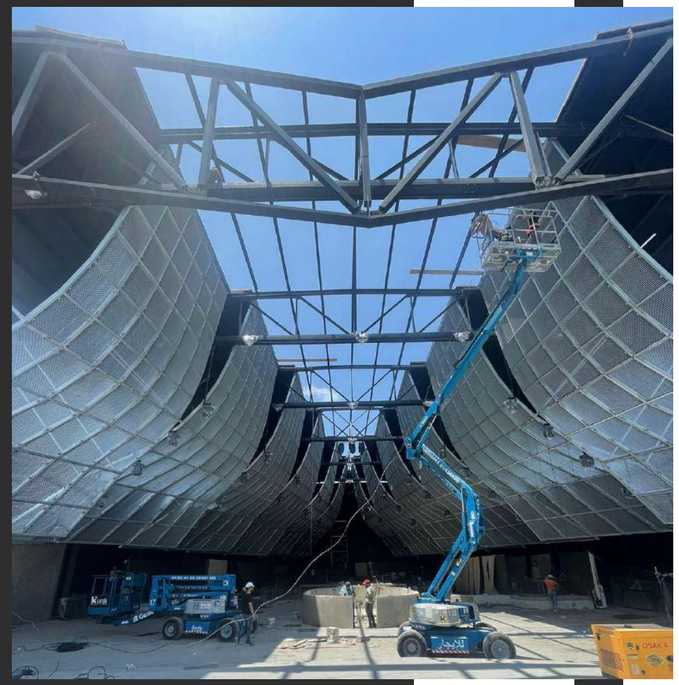


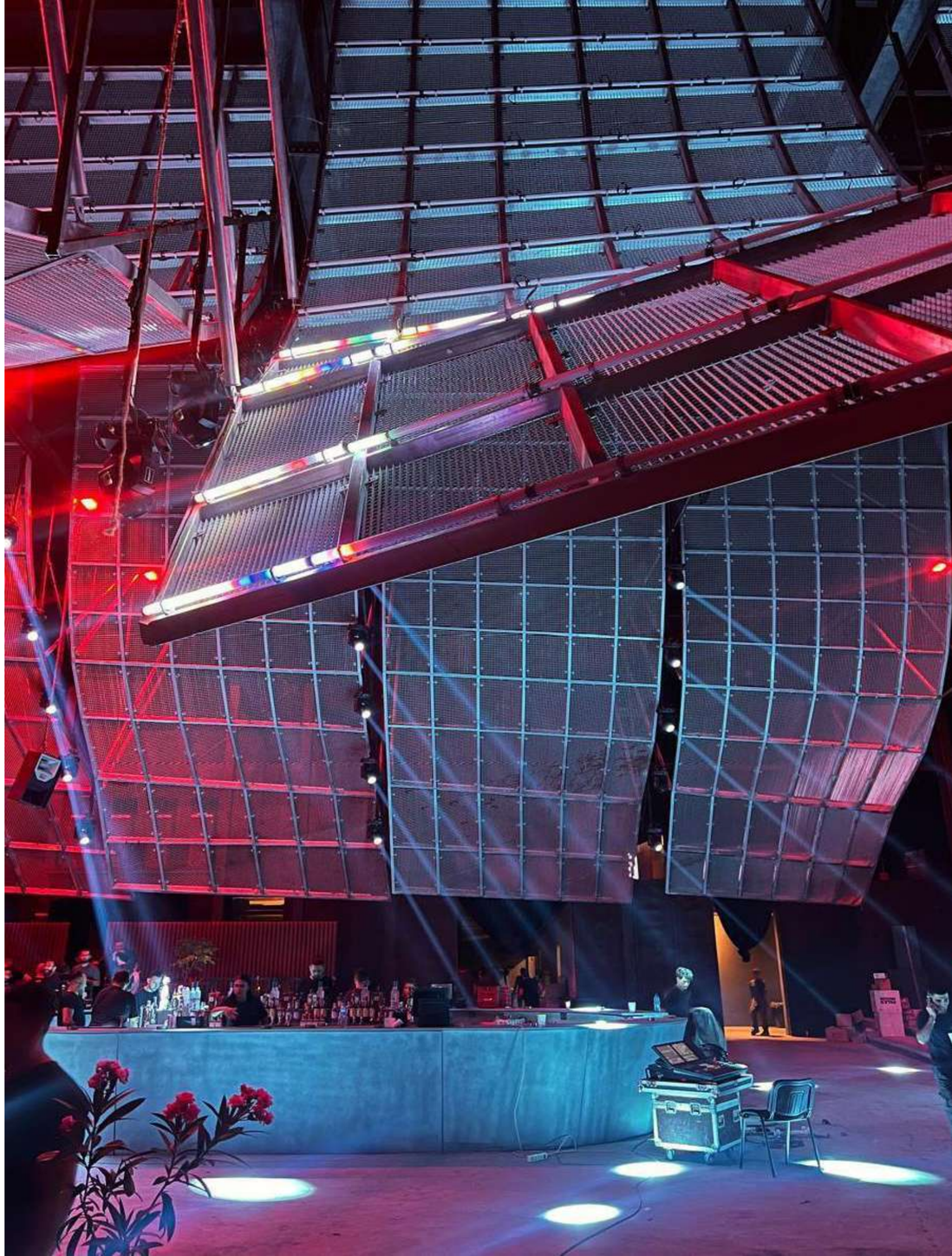
SIMTEC

AHM

**AHM Club**
Parametric Complex Structure – International Music Nightclub

Project Overview:
**SIMTEC** engineered and delivered a parametric complex structure featuring HDG (hot-dip galvanized) gratings for an award-winning, internationally renowned music nightclub.





SIMTEC

openhaus
your multifunctional space

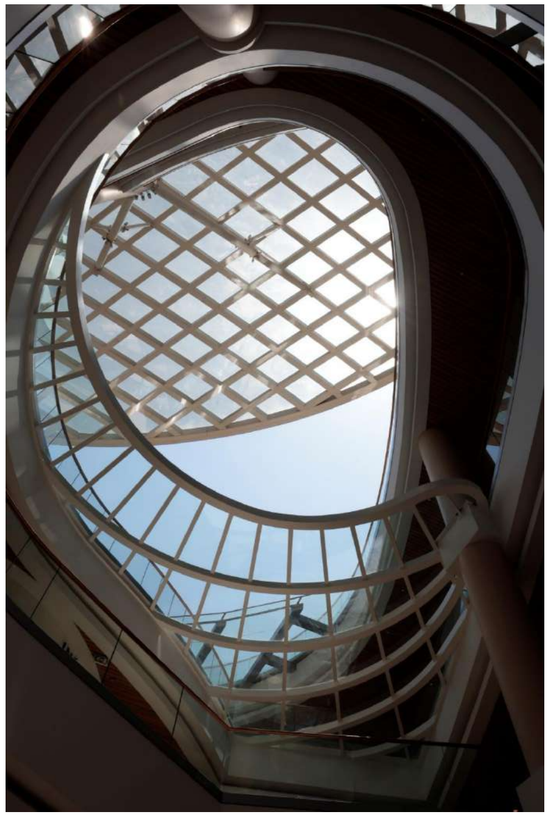
**ARMENIA OPENHAUS**
Roof Covering Structure – Openhaus, Armenia

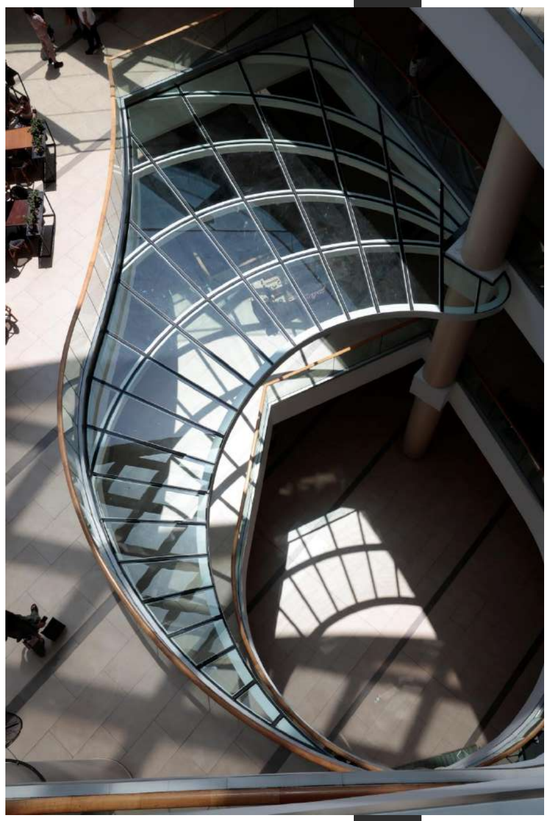
Project Overview:
**SIMTEC** designed and built a modern roof covering structure for Openhaus, a dynamic coworking space in Armenia that combines offices, coffee areas, and collaborative environments

SIMTEC

## ABC - Verdun

Project Overview:
**SIMTEC** executed the skylight in ABC Verdun, designed with a subtle slope to ensure efficient rainwater drainage.



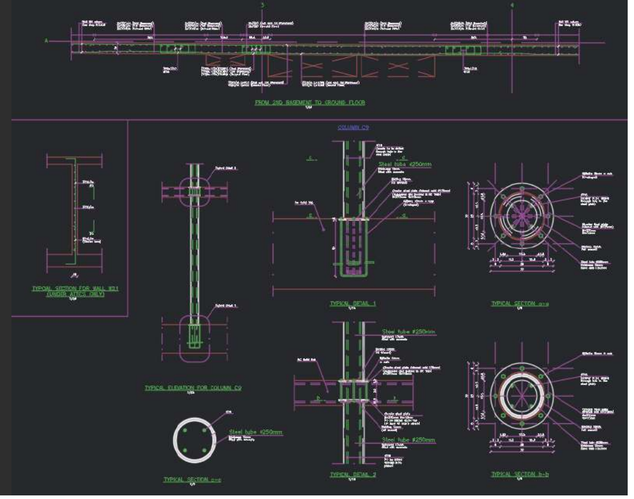


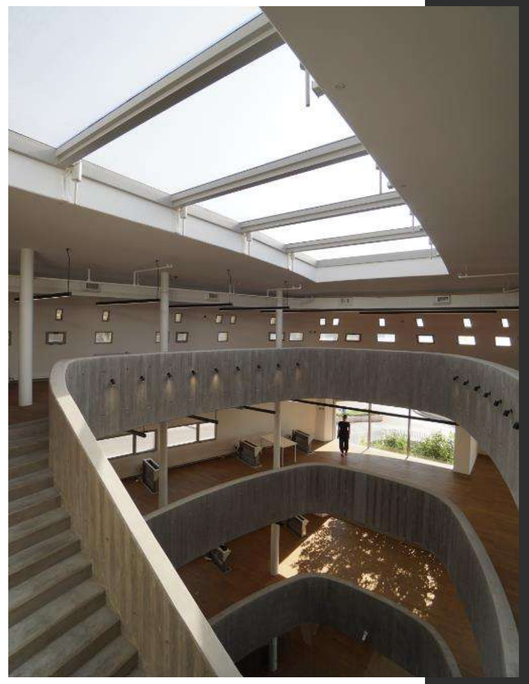
SIMTEC

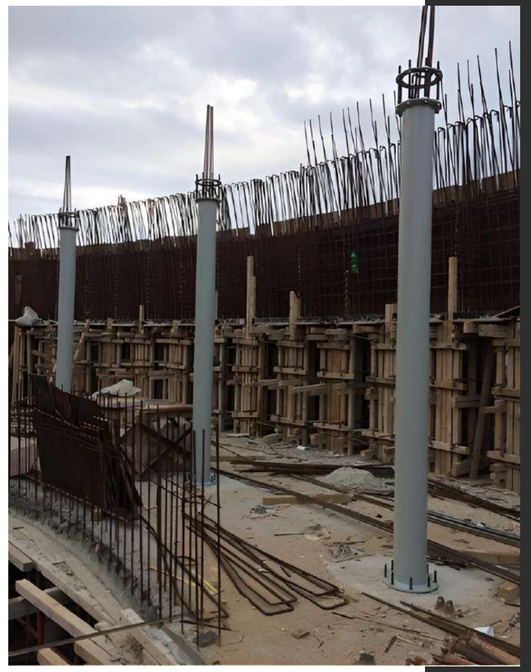
BANQUE LIBANO-FRANÇAISE

## BLF DISASTER RECOVERY CENTER

Project Overview:
**SIMTEC** provided the design, fabrication, and installation of steel columns for the BLF Bank Disaster Recovery Center. These columns ensure stability, support concrete slabs, and help the building stay operational during extreme conditions and disasters.





SIMTEC

CNSS Headquarters – Congo

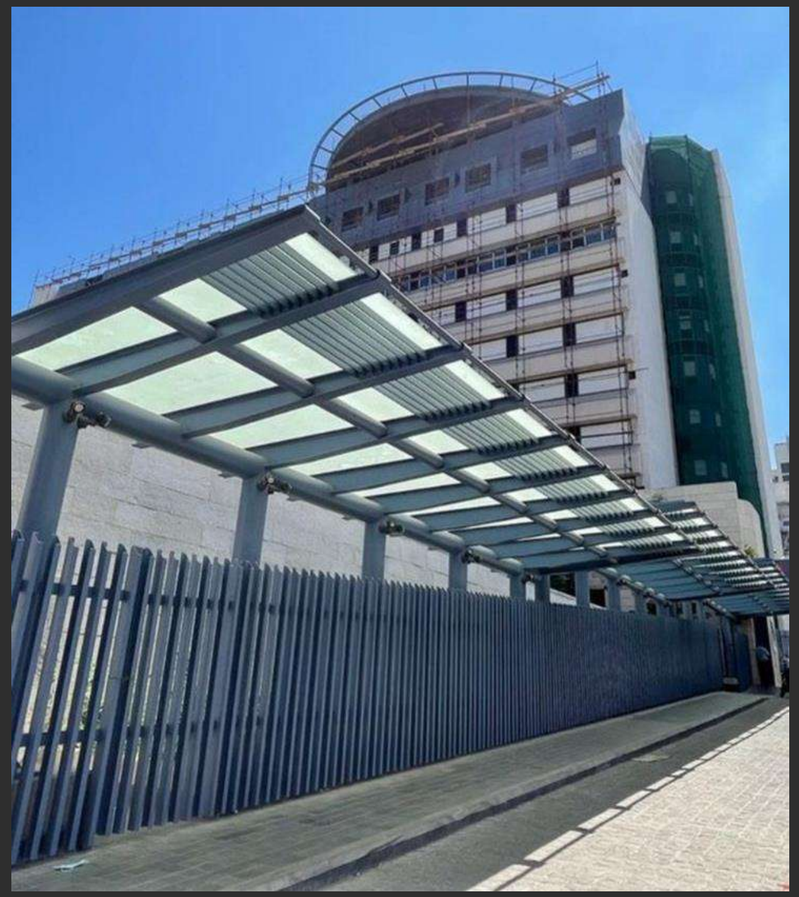
Project Overview:
**SIMTEC** played a pivotal role in delivering various metal works and the facade envelope for the CNSS (Caisse Nationale de Sécurité Sociale) headquarters in Congo, ensuring a seamless blend of functionality and modern design

SIMTEC

## SGH HOSPITAL

SIMTEC – High-End Glass Canopy with Steel Structure for Saint George Hospital (SGH)

Project Overview:
**SIMTEC** was tasked with designing, fabricating, and installing a high-end glass canopy supported by a steel structure for the Saint George Hospital (SGH), providing both aesthetic appeal and functional protection for hospital patients and visitors.



SIMTEC

## Grand Lycée Franco-Libanais

Project Overview:
The Grand Lycée Franco-Libanais, is a prestigious French lycée in the Achrafieh district of Beirut, founded in 1909 by the Mission laïque française. We executed the stairs of the institution with lots of delicacy and precision featuring a dynamic and sculptural design that seamlessly integrates with the building's architecture.

SIMTEC

Coral

## Coral Station

Project Overview:
SIMTEC executed this steel structure.
The system is composed of inclined I-section columns supporting a cantilevered roof structure framed with welded steel beams and purlins.

SIMTEC

## UNIVERSITY OF BALAMAND

Project Overview:
The University of Balamand is located in the northern district of Lebanon.
**SIMTEC** was responsible for the design, fabrication, and installation of the clay tile roof structure for Balamand University, combining traditional aesthetics with modern engineering techniques for a durable and visually appealing roofing solution.

SIMTEC

SCAPPA RESORT
EXPERIENCE LUXURY IN NATURE

## SCAPPA RESORT

Project Overview:
This resort is located in Ajaltoun, Lebanon. **SIMTEC** was responsible for the calculation, fabrication and installation of the steel structure for Scappa Resort.

SIMTEC

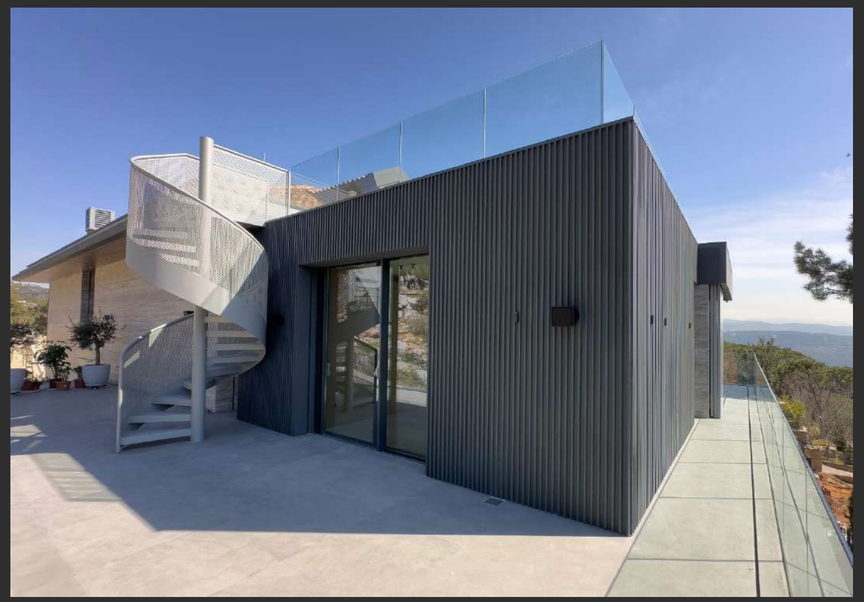
OYO – Congo

Project Overview:
**SIMTEC** executed the cladding for this contemporary architectural project, utilizing a sleek, vertically slatted façade that provides dynamic shading and adds a refined aesthetic to the modern geometric volumes.

SIMTEC

Villa in Baabdat

Project Overview:
**SIMTEC** executed the steel fence in the most minimalist aspect.
We also executed the helical stair using perforated sheets for the balustrade and we completed the cladding creating an elegant facade to the villa.



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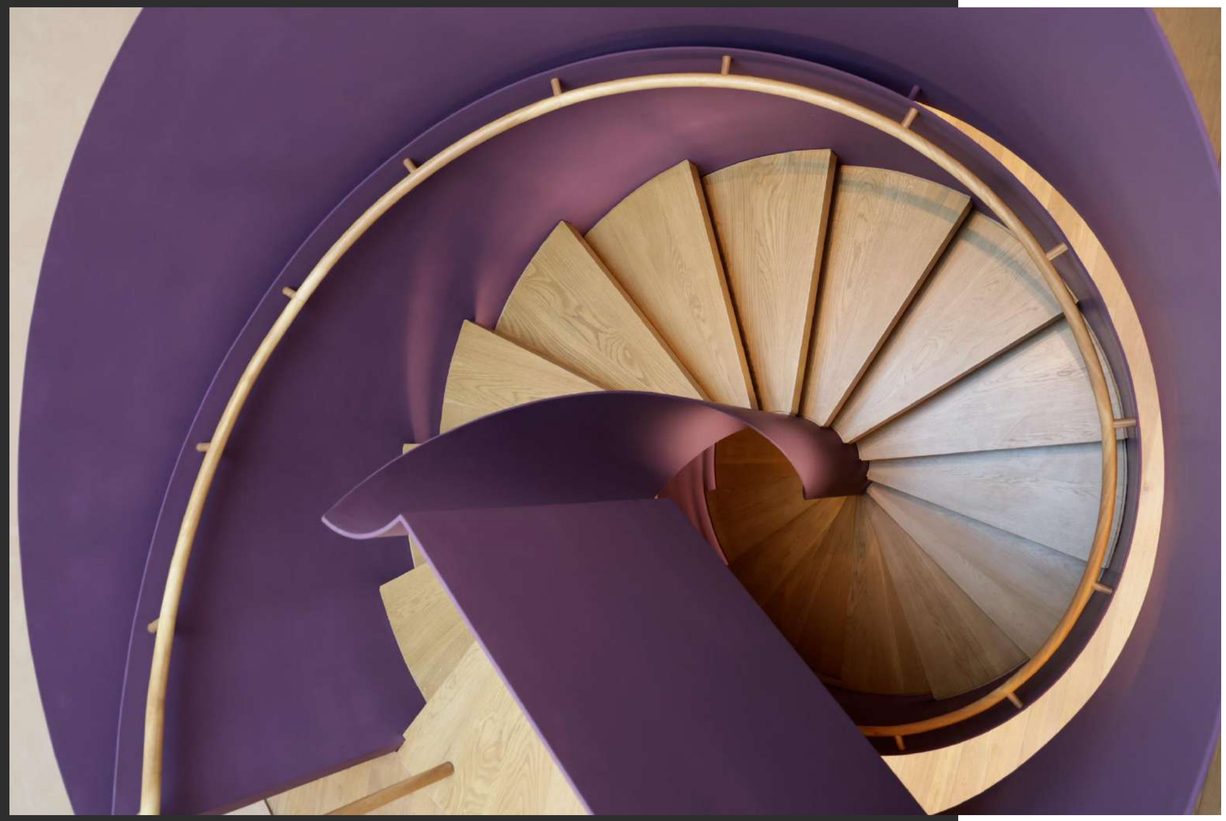
## Spiral Decorative Stair

Project Overview:
**SIMTEC** designed and fabricated a striking helical staircase as the signature architectural feature for a luxury villa, blending elegance with cutting-edge design to create a visually impactful centerpiece.



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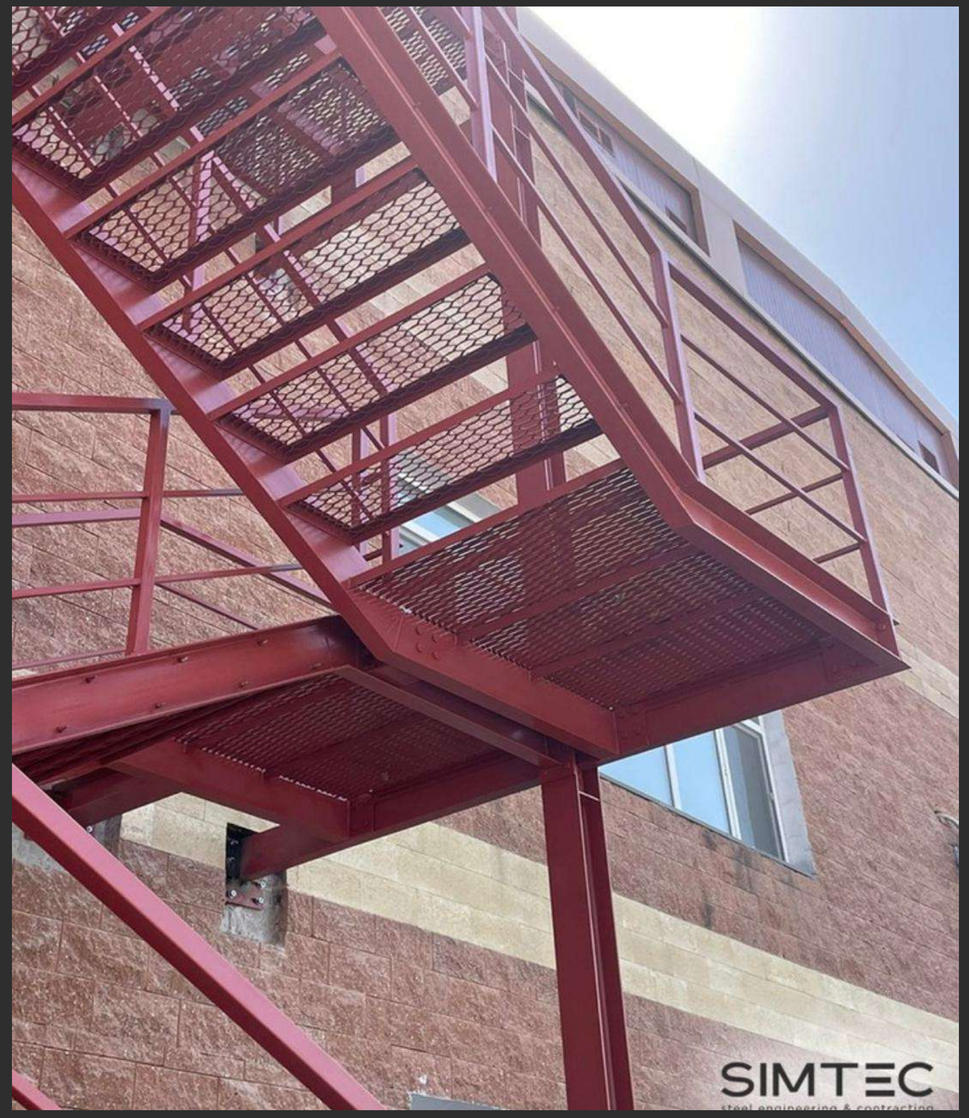
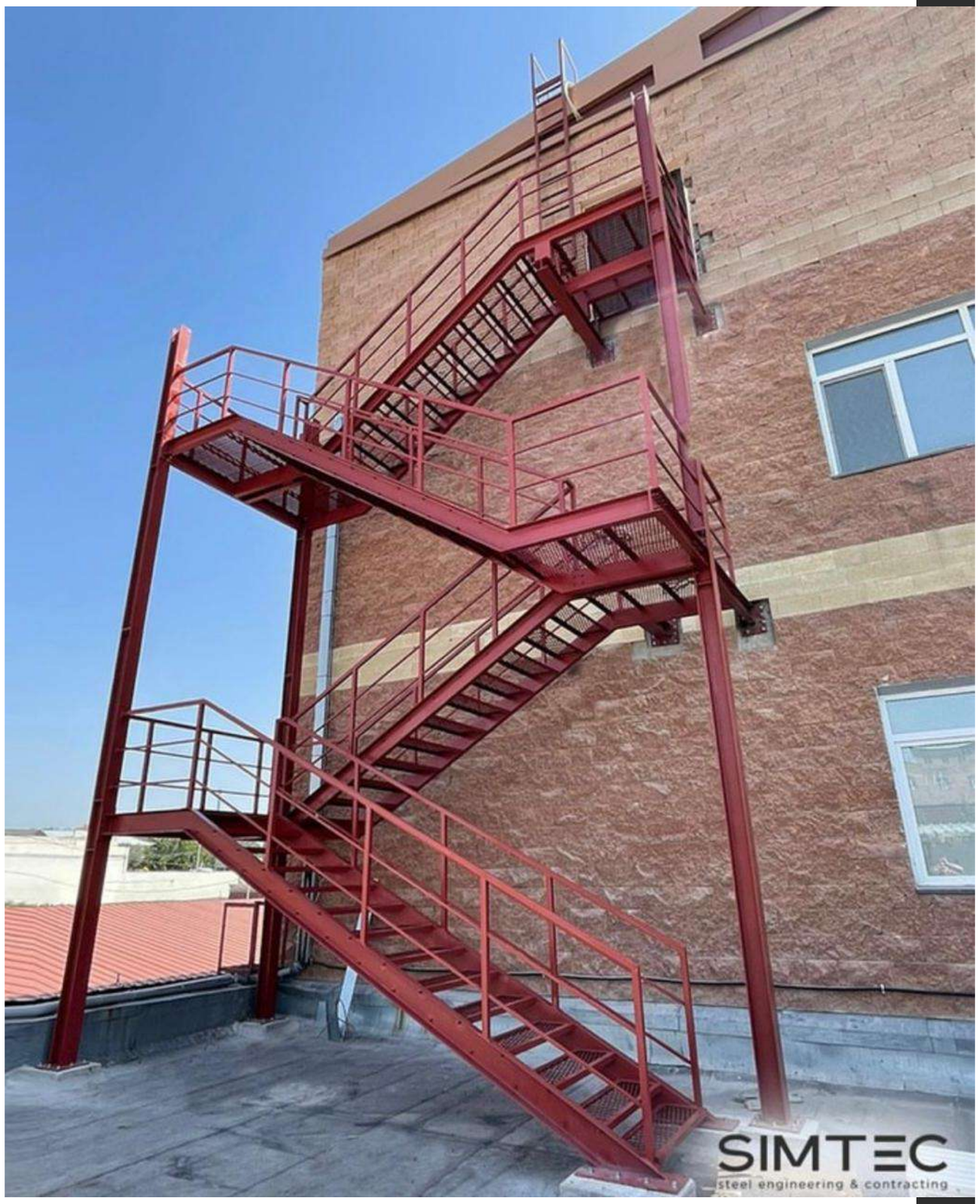



LIQVOR pharmamaceuticals®

**LIQVOR PHARMACEUTICALS**
Fire Escape Staircase, Armenia

Project Overview:
**SIMTEC** was tasked with designing, fabricating, and installing a fire escape staircase for Liqvor Pharmaceuticals in Armenia, ensuring compliance with safety standards while maintaining functional and aesthetic value.



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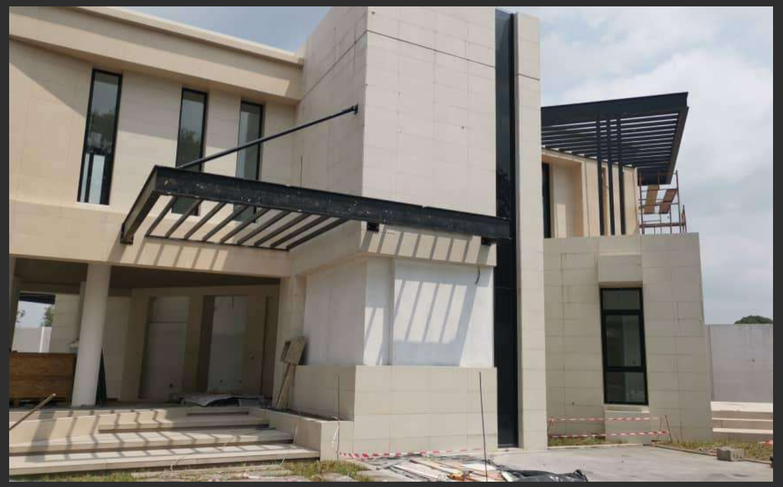
## Four Villas - Congo

Project overview:
**SIMTEC** executed the sleek steel canopies for this villa, seamlessly integrating form and function. Their minimalist linear design enhance the facade while providing shade and architectural dynamism.



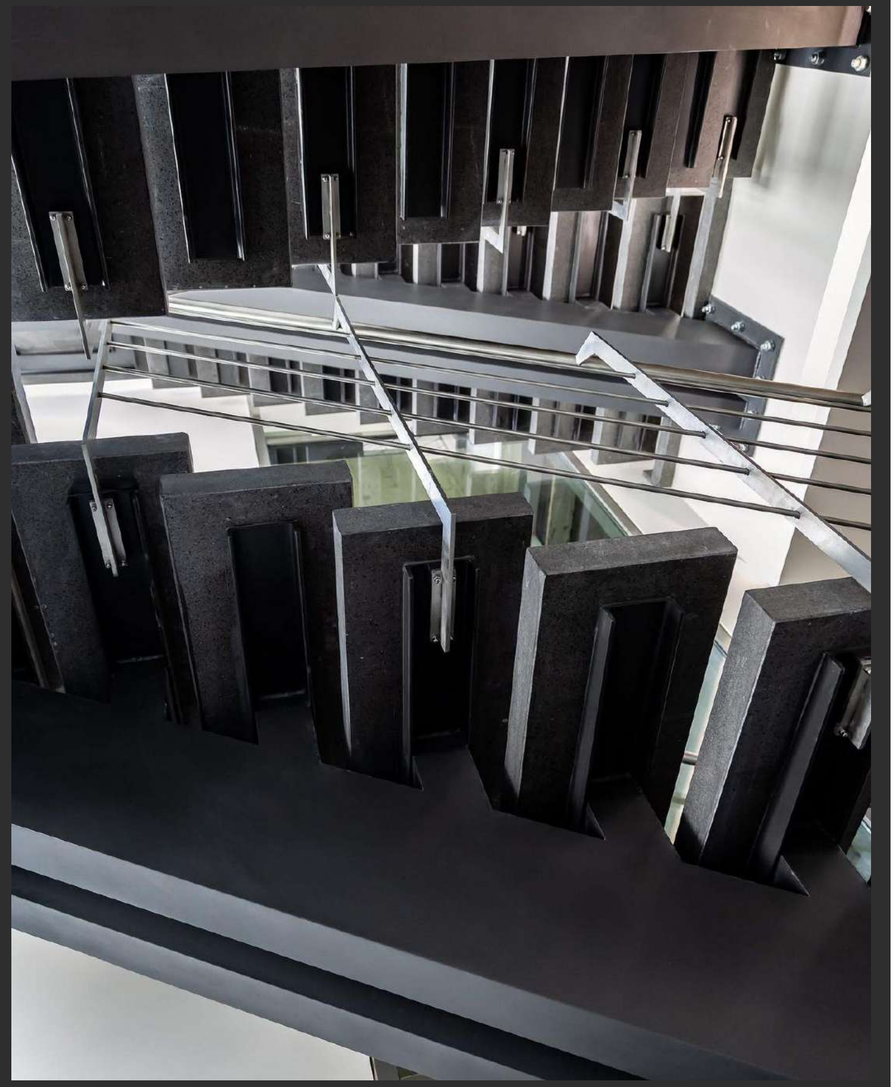
SIMTEC

**Fire Escape Stairs with Hanging Steel Staircases – ALBA, Lebanon**

Project Overview:
**SIMTEC** designed and installed innovative fire escape stairs for ALBA (Académie Libanaise des Beaux-Arts), Lebanon's top architectural school, combining cutting-edge design with practical safety features. The staircases are suspended from a steel structure and covered with yellow ACP (Aluminum Composite Panels), preserving ALBA’s distinctive identity.

SIMTEC

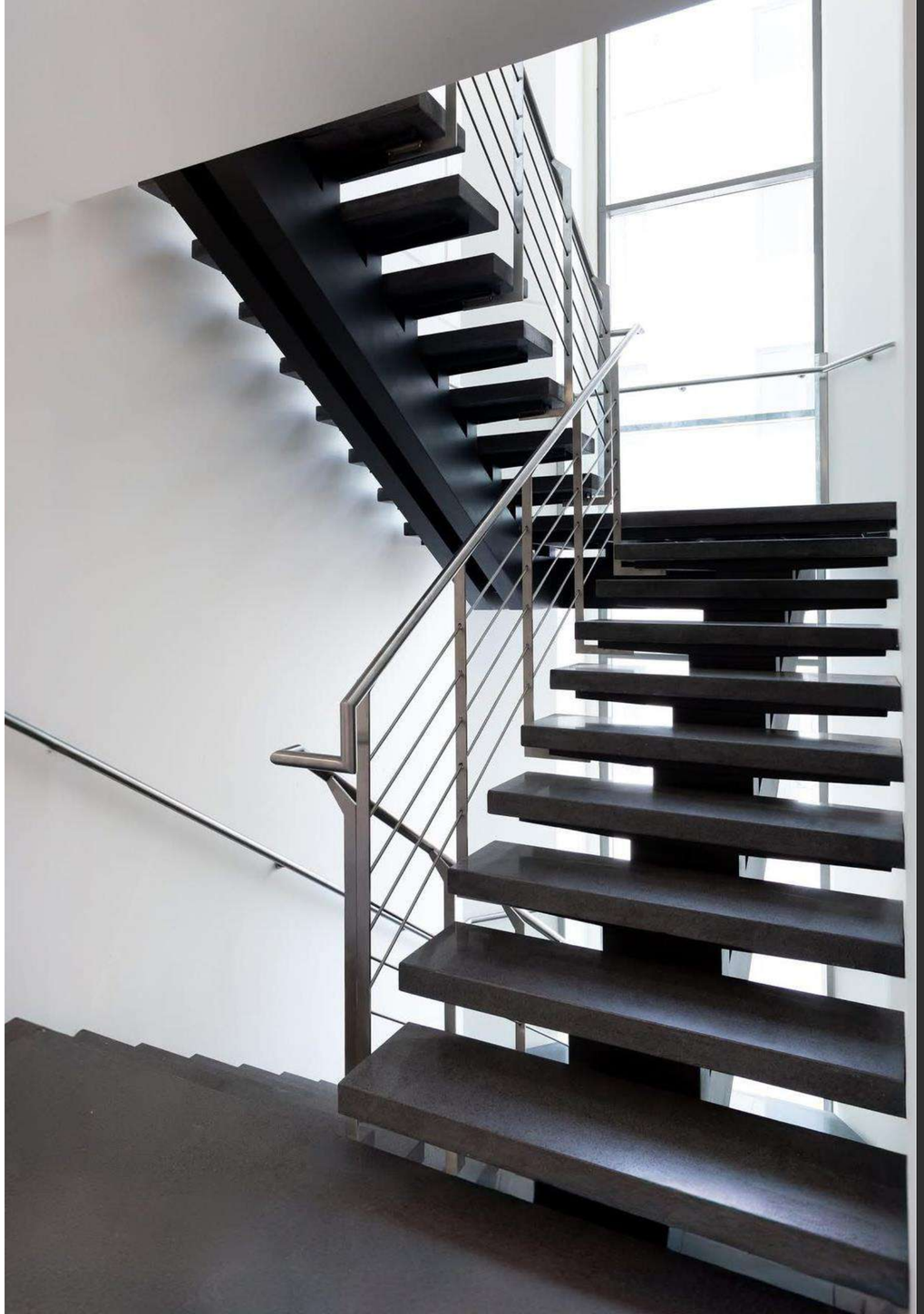
## Floated Steel Complex Stair with Marble Steps – Saint George University (SGUB)



SGUB

Project Overview:

**SIMTEC** designed and fabricated a floating steel complex staircase for Saint George University (SGUB), featuring cantilevered steel construction, marble steps, and stainless steel balustrades, creating an elegant and functional feature for the university’s interior.



SIMTEC

**MTV**

Project overview:
MTV is a leading independent media station in Lebanon and the Arab world. **SIMTEC** executed the facade of the main building of the station with lots of precision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Project overview:
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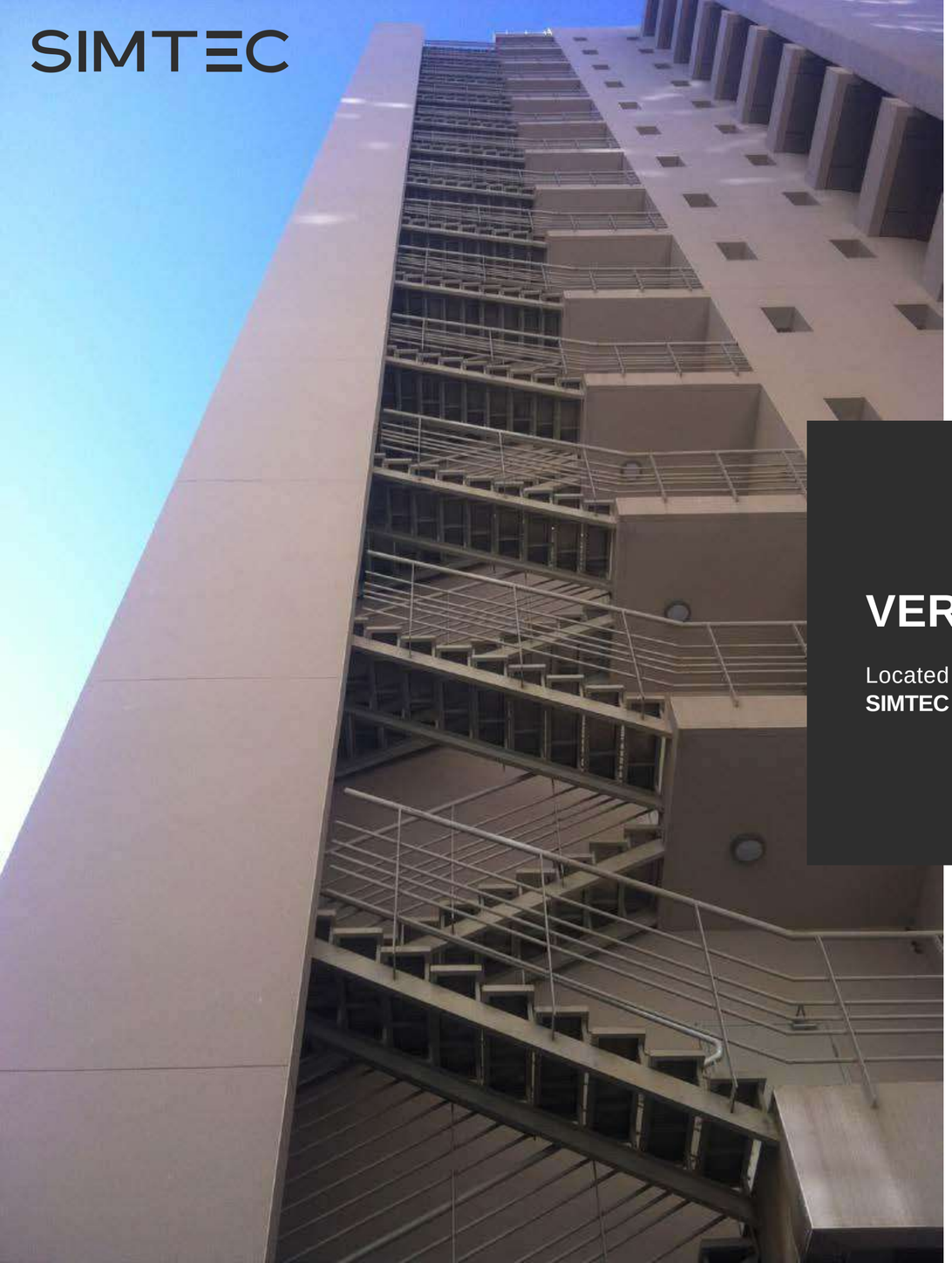


# VERDUN TOWER

Located in the heart of Beirut and only moments away from major landmarks in the city.
**SIMTEC** executed the emergency steel stairs.

SIMTEC

L'Athénée De Beyrouth

**L'ATHENEE DE BEYROUTH**
L'Athénée de Beyrouth – Steel Canopy for Basketball/Sports Court

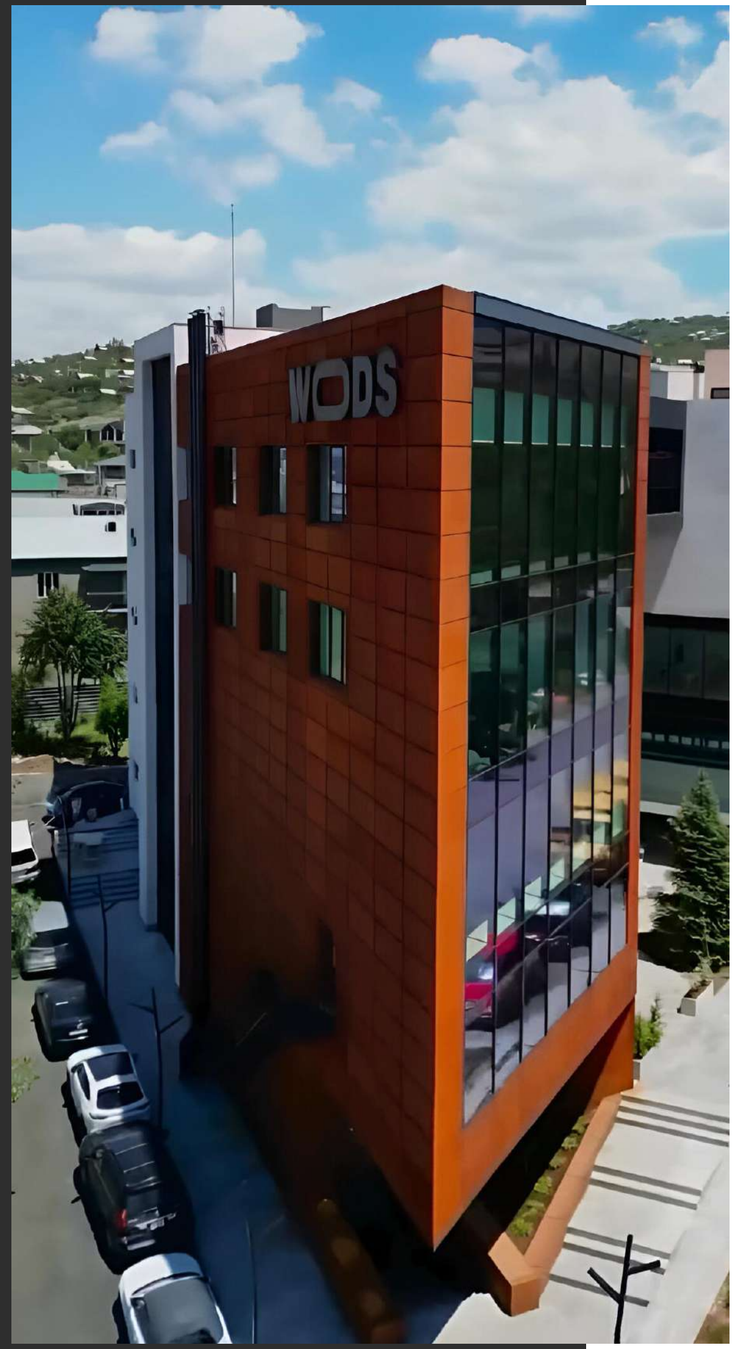
Project Overview:
**SIMTEC** designed and installed a steel canopy for the basketball and sports court at L'Athénée de Beyrouth, providing coverage and protection while ensuring an open, modern aesthetic. The canopy is covered with polycarbonate panels, offering durability and transparency.

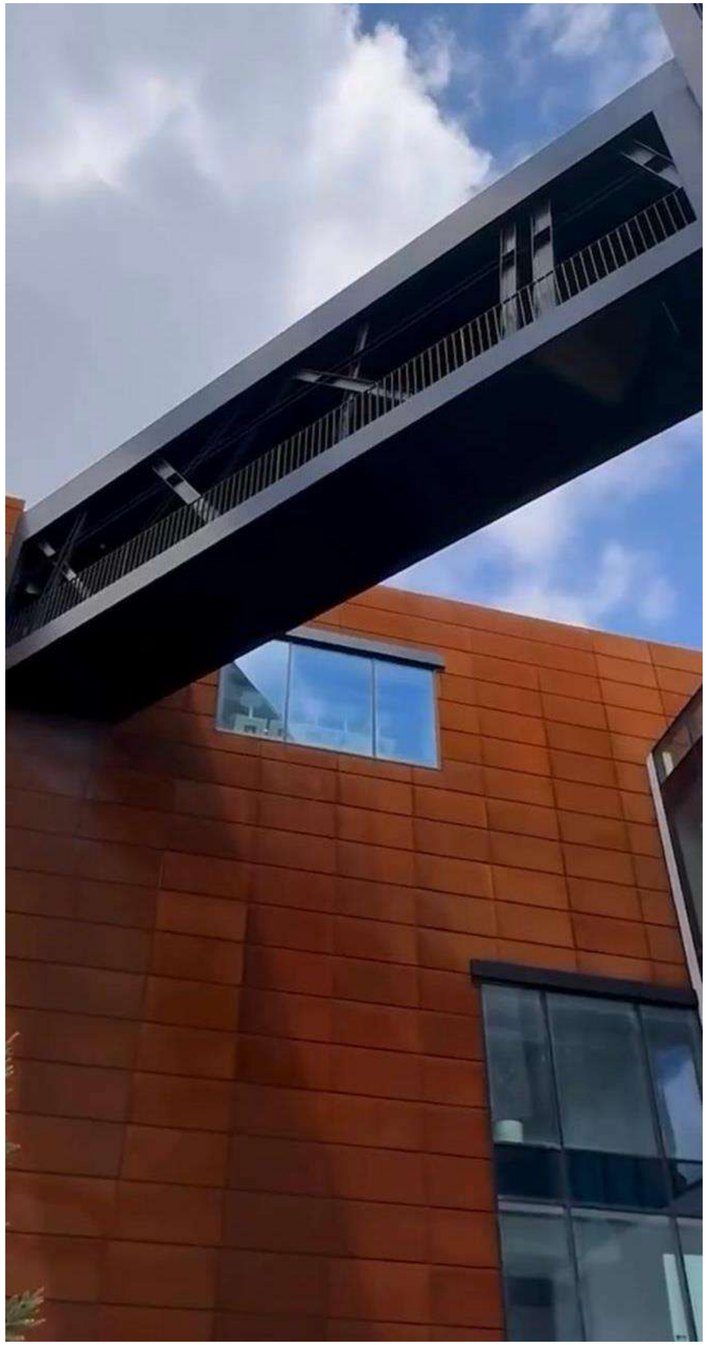
SIMTEC

WOODS

## WOODS

Project Overview:
**SIMTEC** is proud to execute the first-ever Corten steel weathering steel cladding project in Armenia for the Woods Center, a unique, dynamic multi-purpose hub designed for business, education, events, and living. This cutting-edge project combines innovative design with sustainable materials to create a striking architectural landmark.



SIMTEC

## UNITED ARMENIAN COLLEGE

United Armenian College – Fire Escape Staircase for Emergency Evacuation

Project Overview:
**SIMTEC** designed and installed fire escape staircases at United Armenian College to ensure safe and efficient evacuation of students in case of an emergency. The project adhered to the highest standards of safety and was subjected to strict Bureau Control and APAVE regulations.

SIMTEC

NetLogistics

**NET Logistics**

Project Overview:
Located in Karantina, **SIMTEC** executed this steel subframe façade, cladded with aluminum expanded mesh


SIMTEC

**CEZANNE**

Project overview:
**SIMTEC** executed the design, fabrication and installation of this high-quality glass canopy, showcasing precision engineering and innovative structural solutions to enhance both functionality and aesthetic appeal.

SIMTEC

**President House - Congo**

Project Overview:
**SIMTEC** executed the steel canopy combining durability with elegant design. The steel-framed canopy features a sleek, curved profile, providing functional weather protection while harmonizing with the surrounding landscape

SIMTEC

FRANSABANK

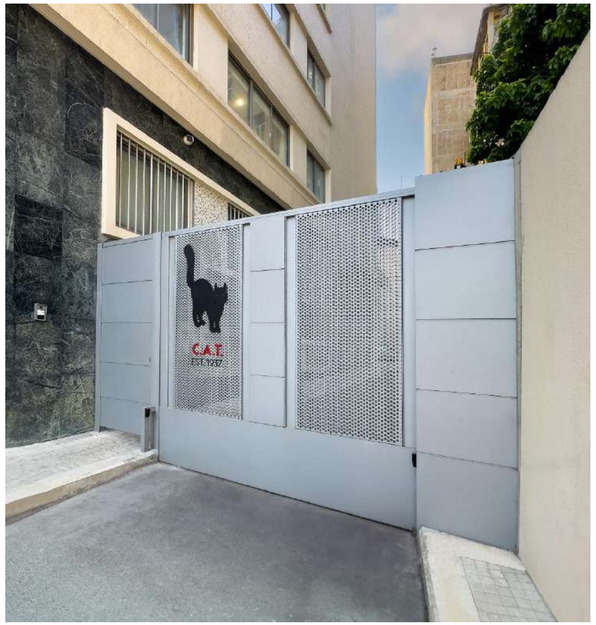
**FRANSABANK**

Project overview:
The use of glass balustrades allows us to showcase the natural elegant effect of glass. Their sleek, simple and clean look allows them to go almost unnoticed due to the exquisite transparency.

SIMTEC

## C.A.T.

Project Overview:
**SIMTEC** executed the steel gates of C.A.T. Company, featuring a sleek steel frame with a combination of solid panels and perforated metal sheets for a refined balance of privacy and transparency.




SIMTEC

**BLOM BANK**

Project Overview:
**SIMTEC** executed the steel stairs and glass staircase for Blom Bank Lebanon, featuring integrated LED lighting for a modern and elegant look.

SIMTEC

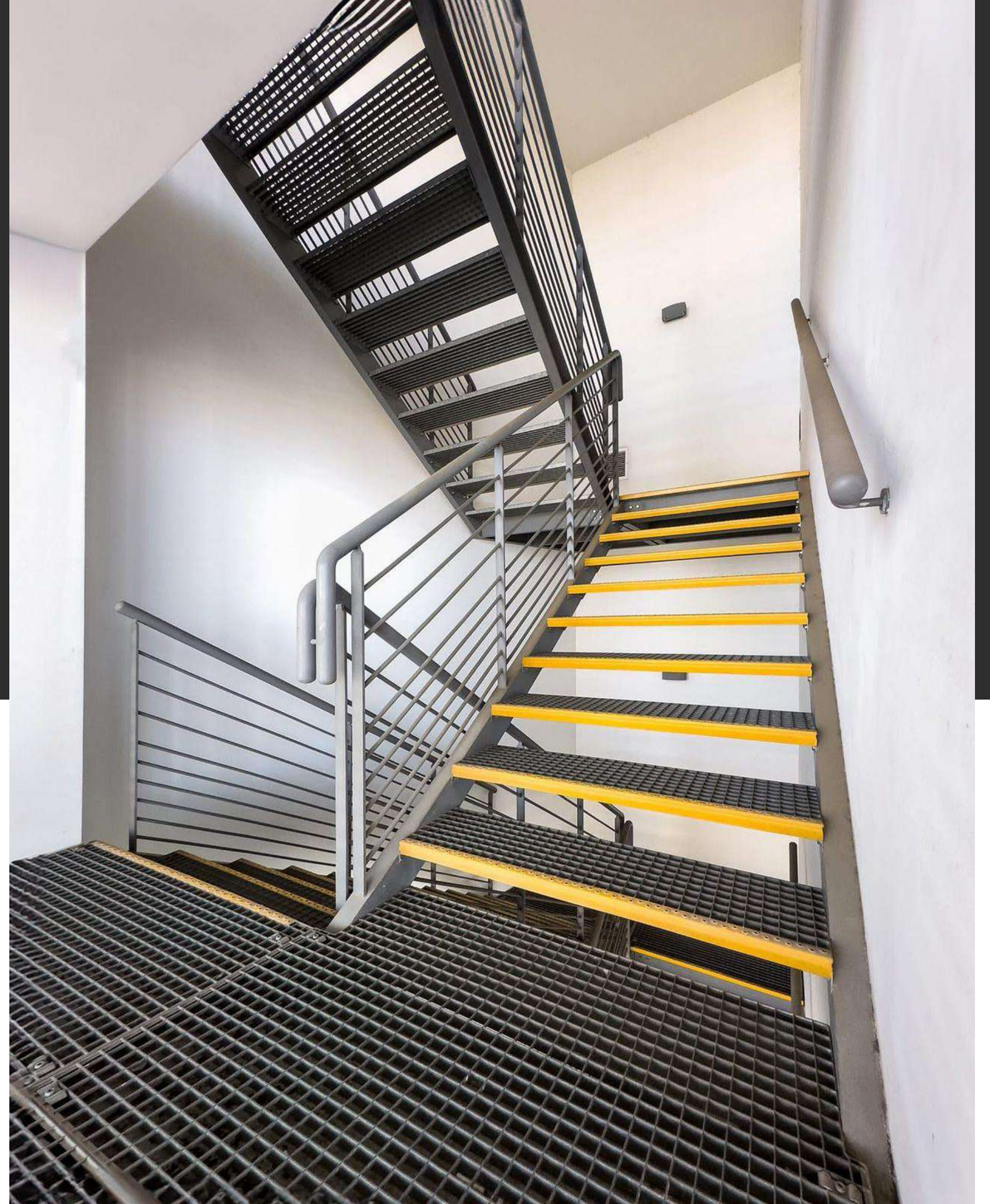
**ZAITUNAY BAY**

Project Overview:
**SIMTEC** delivered this sleek tensile shading, seamlessly blending elegant design with sturdy steel structure.

SIMTEC

## ALBA - Emergency Fire Escape Staircase with HDG Grating

Project Overview:
**SIMTEC** designed and installed an emergency fire escape staircase equipped with HDG (hot-dip galvanized) grating, ensuring compliance with all safety standards for quick and secure evacuation in case of an emergency.



SIMTEC

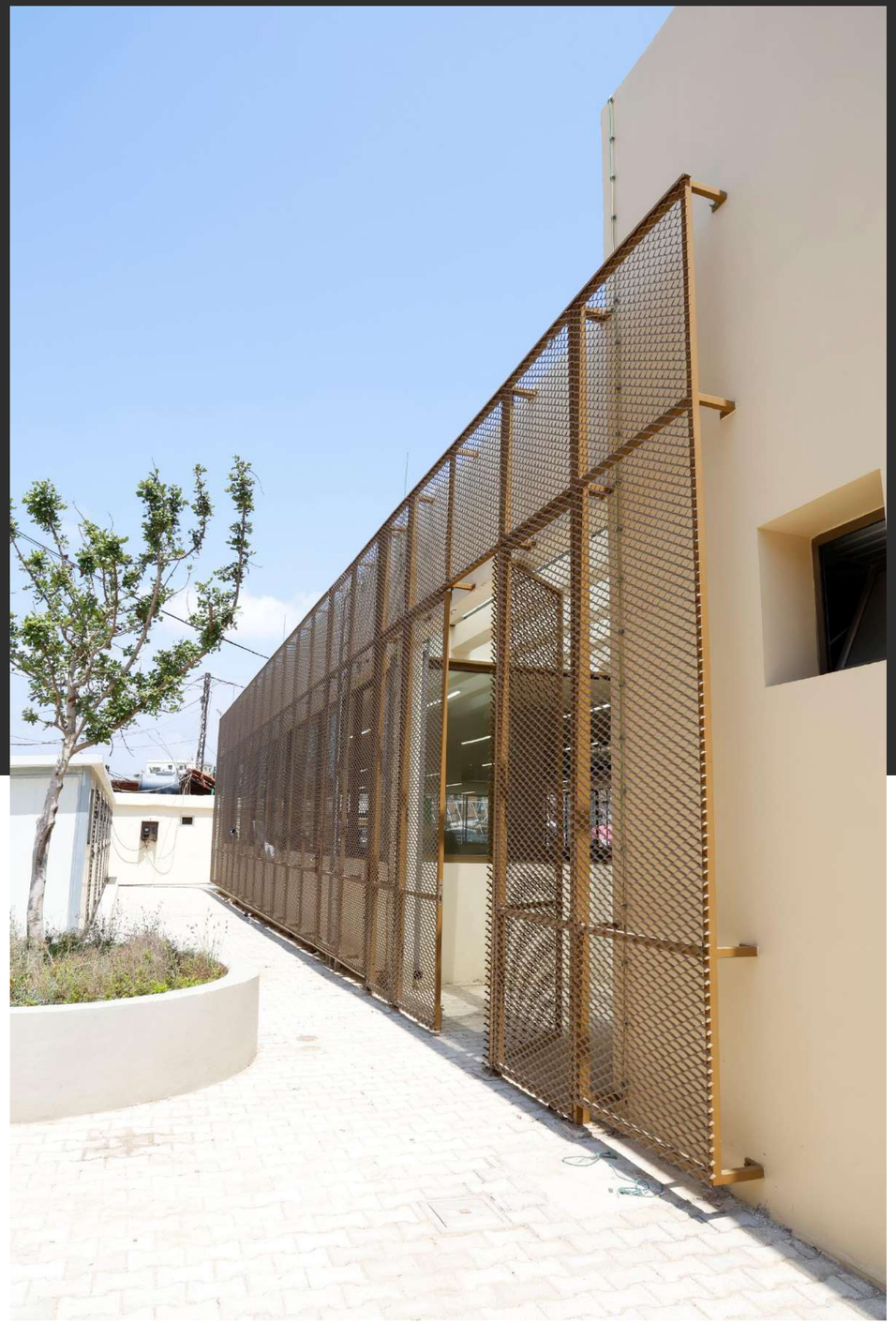
**3S Cottage – Mountain Ski Resort, Prestigious Steel Works by SIMTEC**

Project Overview:
**SIMTEC** executed all steel works for the prestigious 3S Cottage mountain ski resort, contributing to the development of a high-end, modern facility designed to offer luxury and comfort in a prime ski destination.

SIMTEC

**Fish Market – Saida, Lebanon**

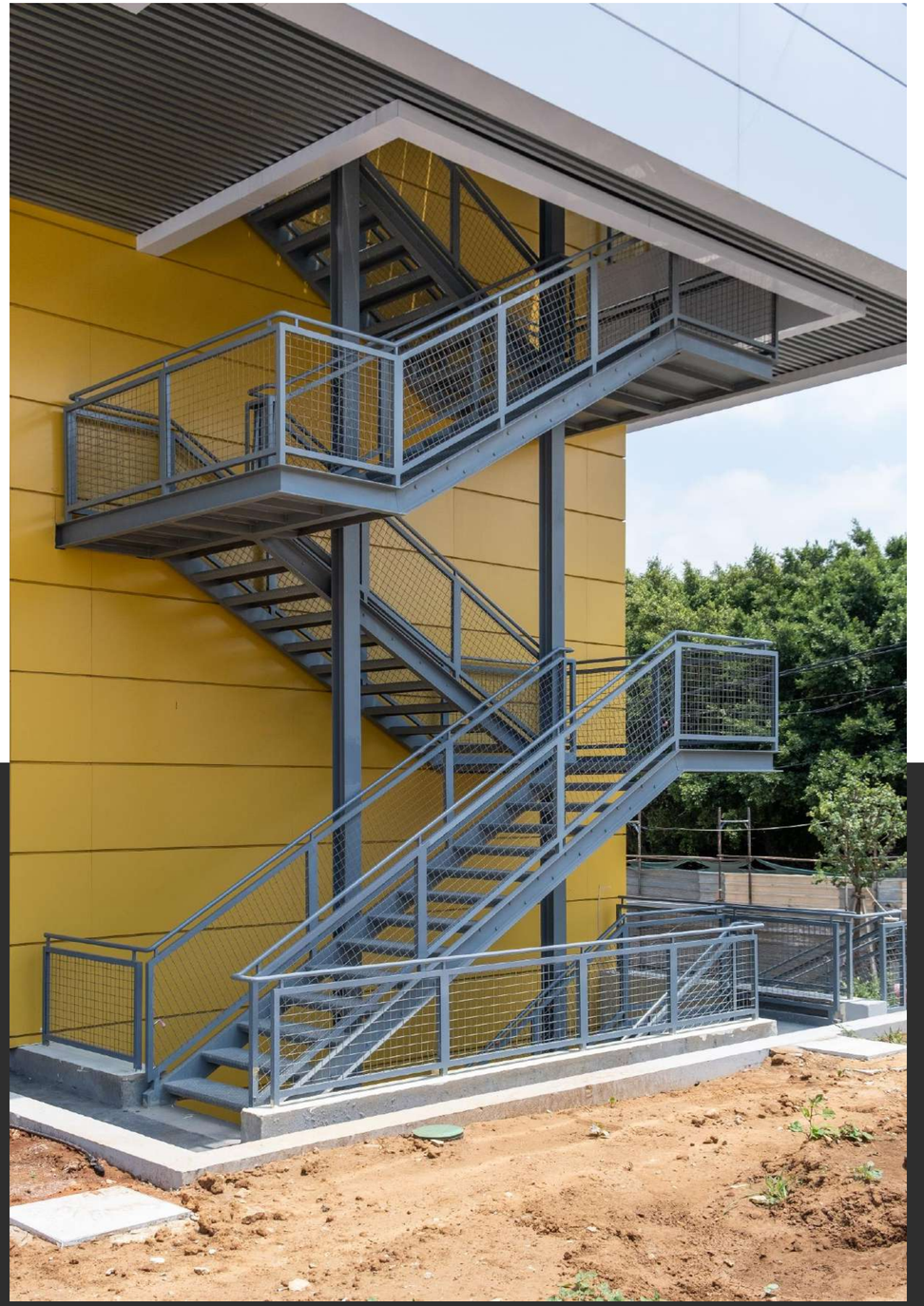
Project Overview:
**SIMTEC** executed a modern perforated metal mesh facade with a gold finish, blending functionality and elegance for a sleek, durable design.



SIMTEC

**Karantina Hospital**

Project Overview:
**SIMTEC** engineered and installed these steel staircases in a hospital, ensuring durability, safety and compliance with healthcare standards while maintaining a clean and functional design.



SIMTEC


Patchi

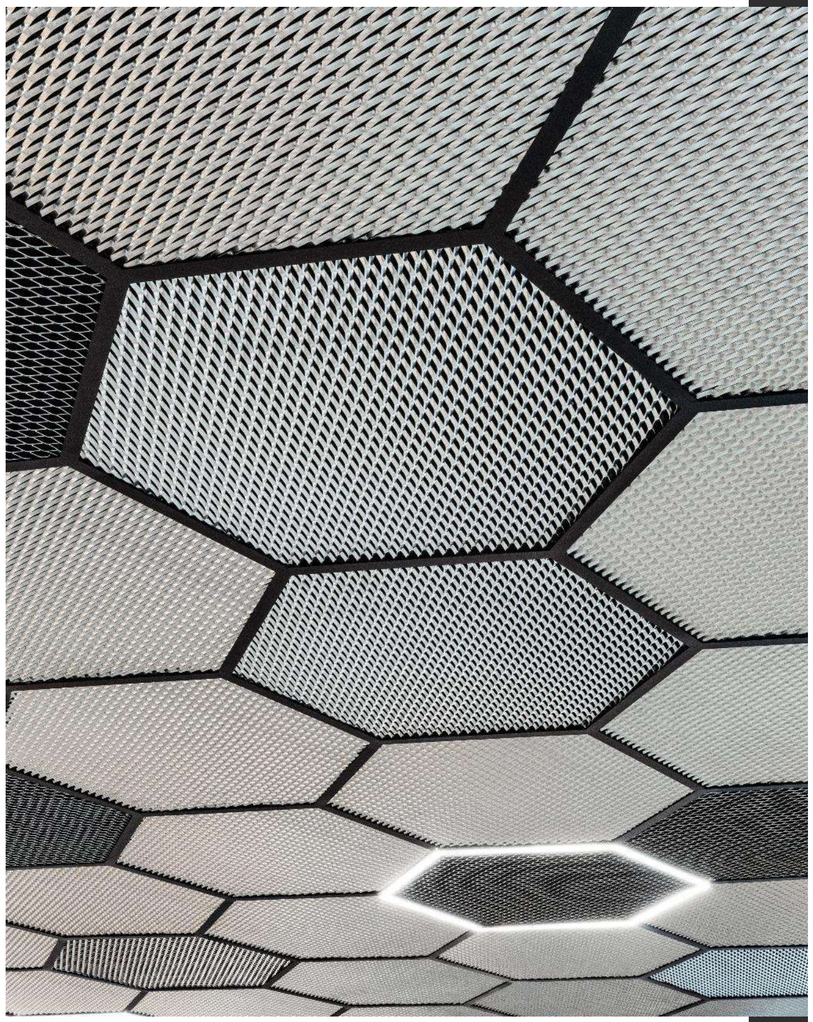
**PATCHI**
Patchi Factory – Walkways Steel Structure, Lebanon

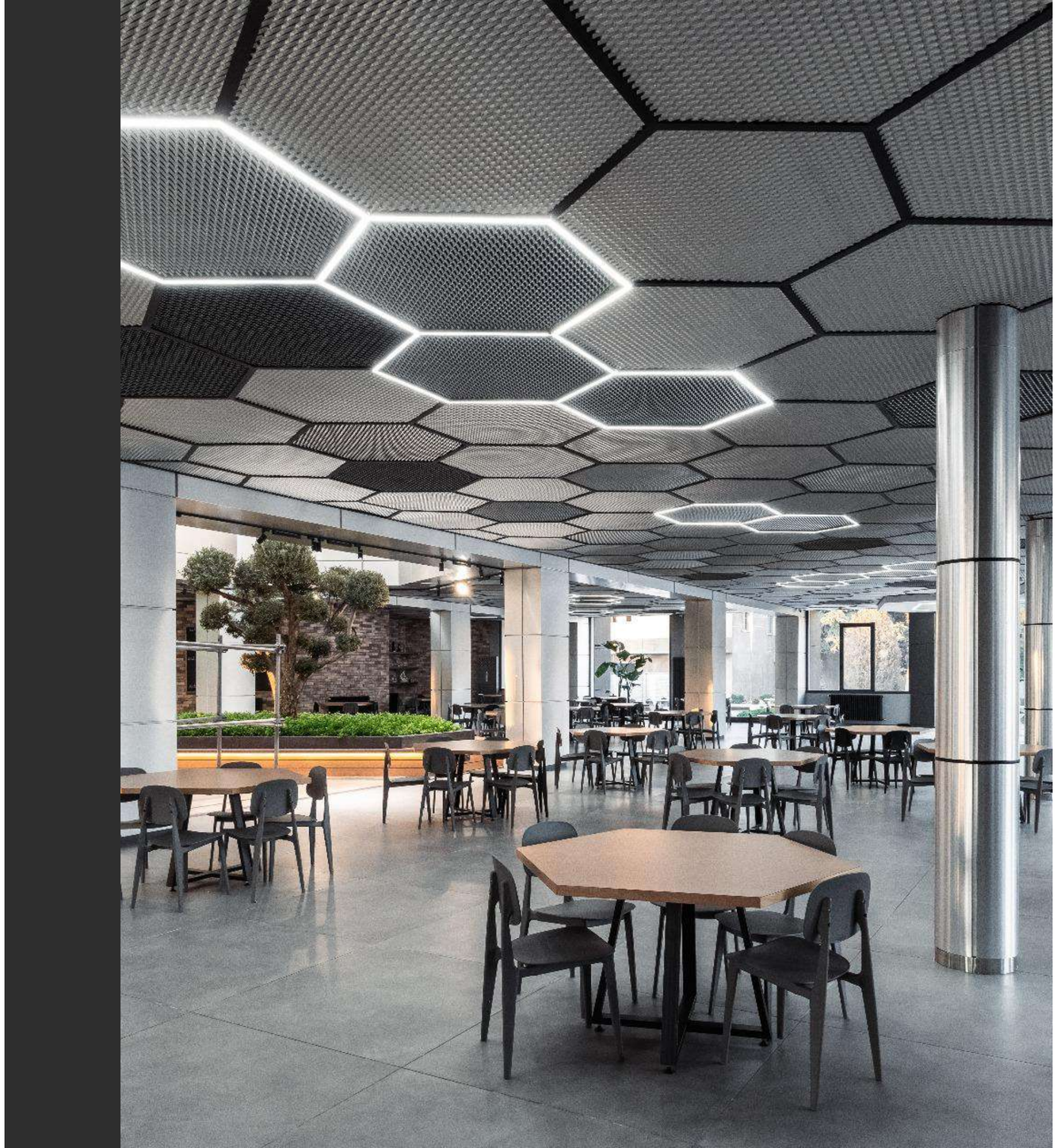
Project Overview:
**SIMTEC** executed the design and construction of all walkways and steel structures for Patchi's state-of-the-art chocolate factory in Lebanon, an internationally recognized brand. The project incorporated high-quality HDG (hot-dip galvanized) gratings, ensuring durability, safety, and efficiency throughout the facility.

SIMTEC

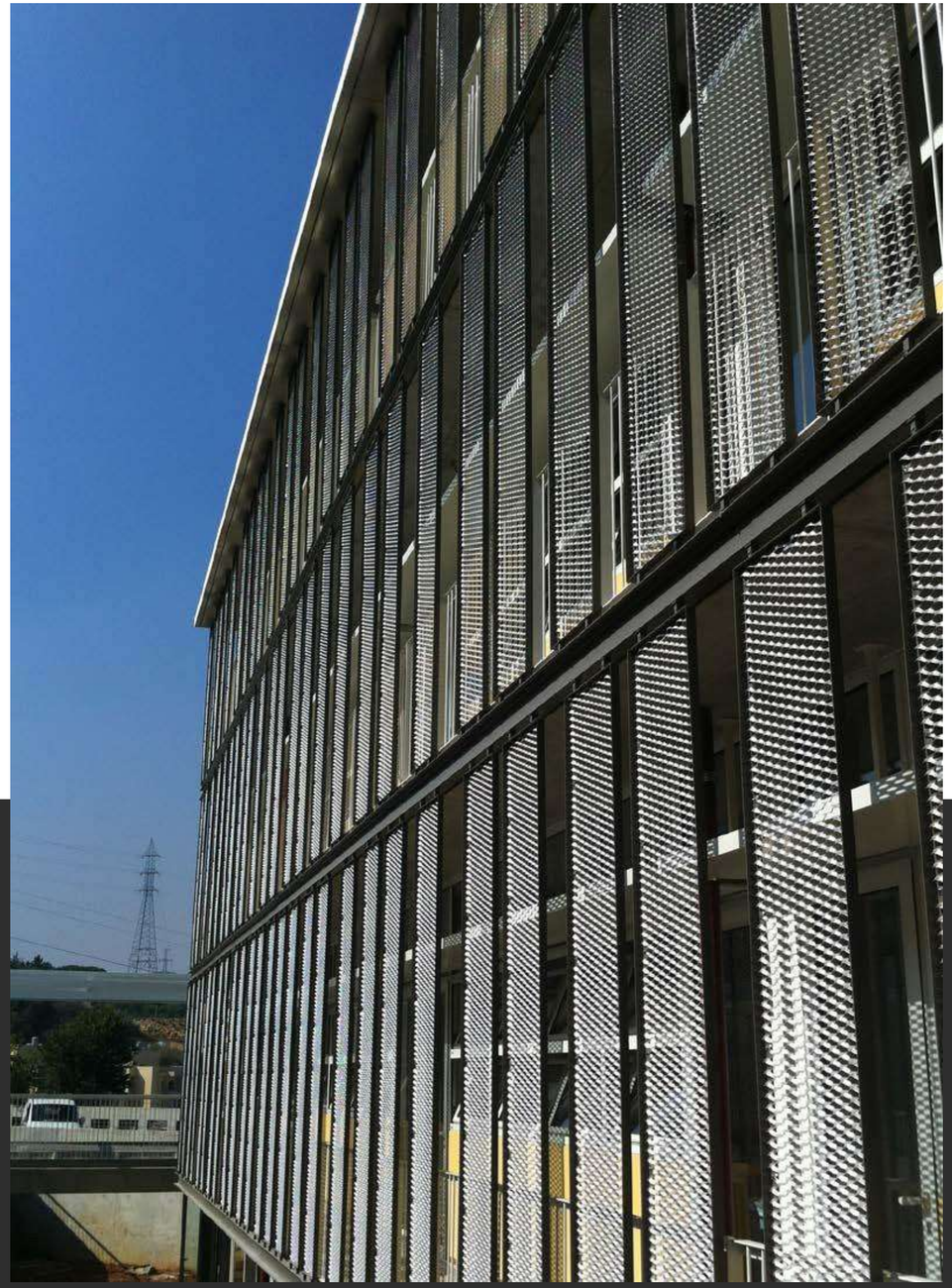
## LIU - University

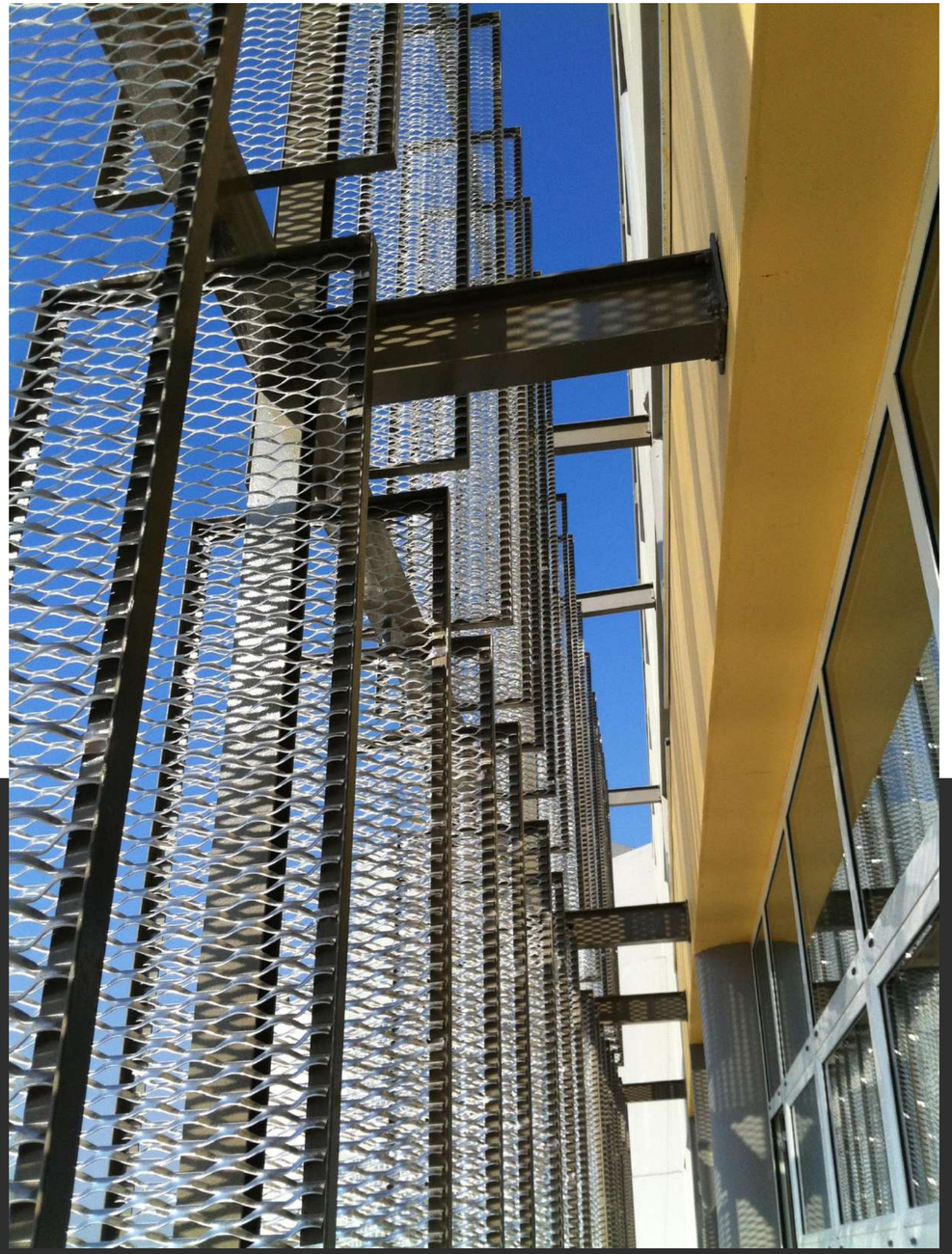
Project Overview:
**SIMTEC** executed this project by designing, fabricating and supplying custom false ceiling systems with expanded mesh, ensuring both structural integrity and aesthetic appeal.





SIMTEC





L'Athénée De Beyrouth

**L'Athénée de Beyrouth**

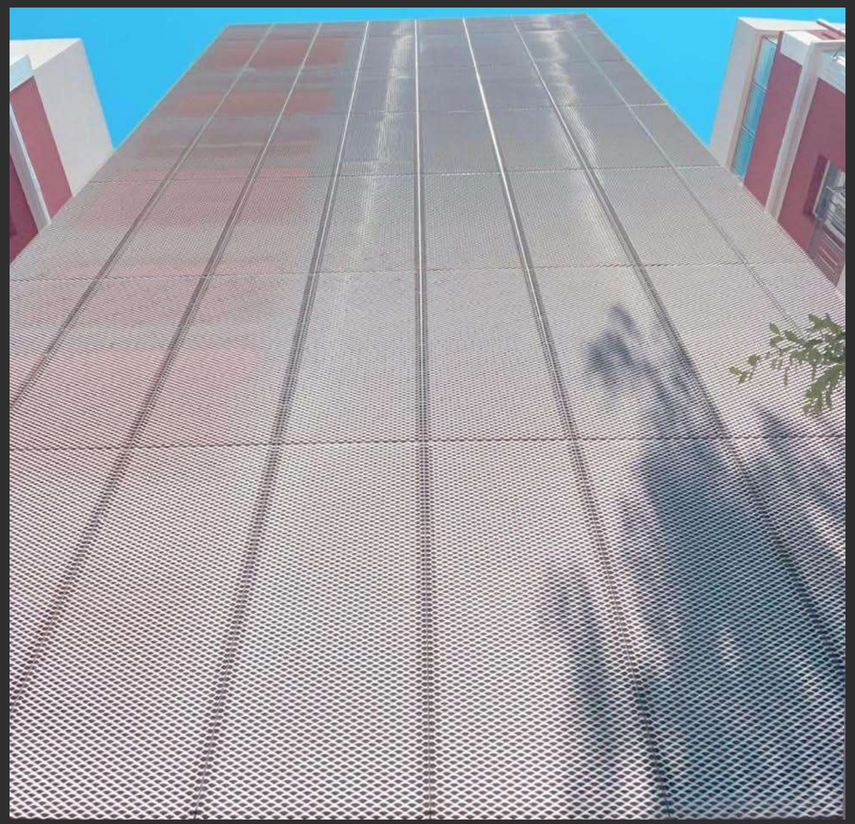
## EXPANDED MESH

Project Overview:
**SIMTEC** supplied and installed expanded mesh for brise soleil applications, designed to enhance the building's energy efficiency and aesthetic appeal while offering sun shading and ventilation.

SIMTEC

## Lycée Franco-Libanais Verdun

Project Overview:
**SIMTEC** provided expanded mesh for brise soleil applications, designed to enhance the building’s energy efficiency and aesthetic appeal while offering sun shading and ventilation.



Lycée Franco-Libanais | Verdun
الليسيه الفرنسية اللبنانية | فردان

SIMTEC

## Embassy of Vatican – Harissa, Lebanon

Project Overview:
**SIMTEC** executed the metal louvres, providing a dynamic façade element that enhances both aesthetics and functionality. Designed to enhance the façade with a modern, functional design that provides shading and ventilation while complementing the building’s modern architectural expression.

SIMTEC

## Stair

Project Overview:
**SIMTEC** executed this sleek floating stair in a luxurious apartment featuring illuminated treads, glass railings and a minimalist design. This architectural statement enhances the apartment’s modern aesthetic, blending elegance with structural precision.

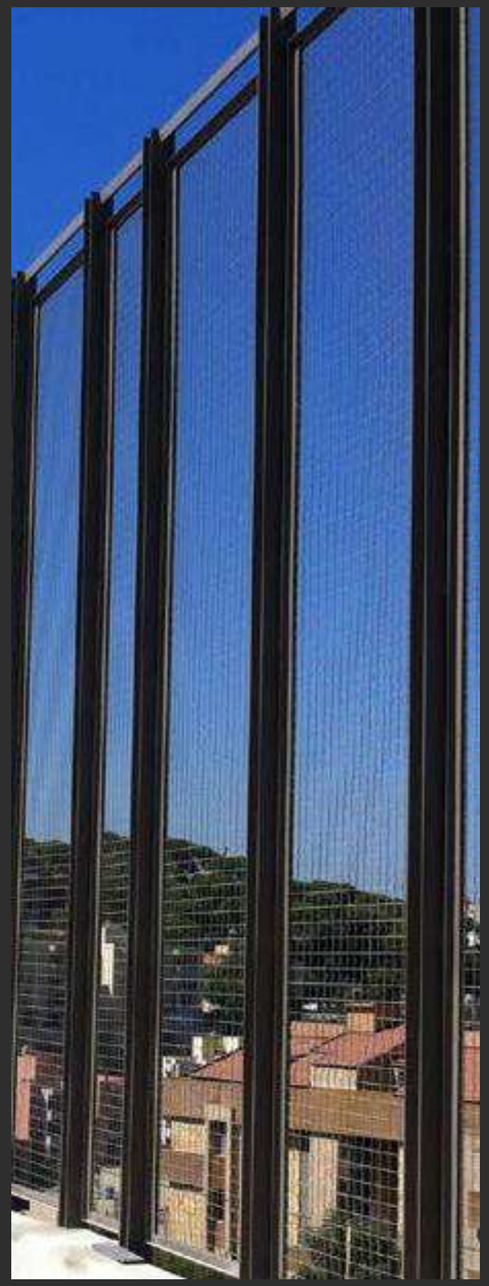
SIMTEC

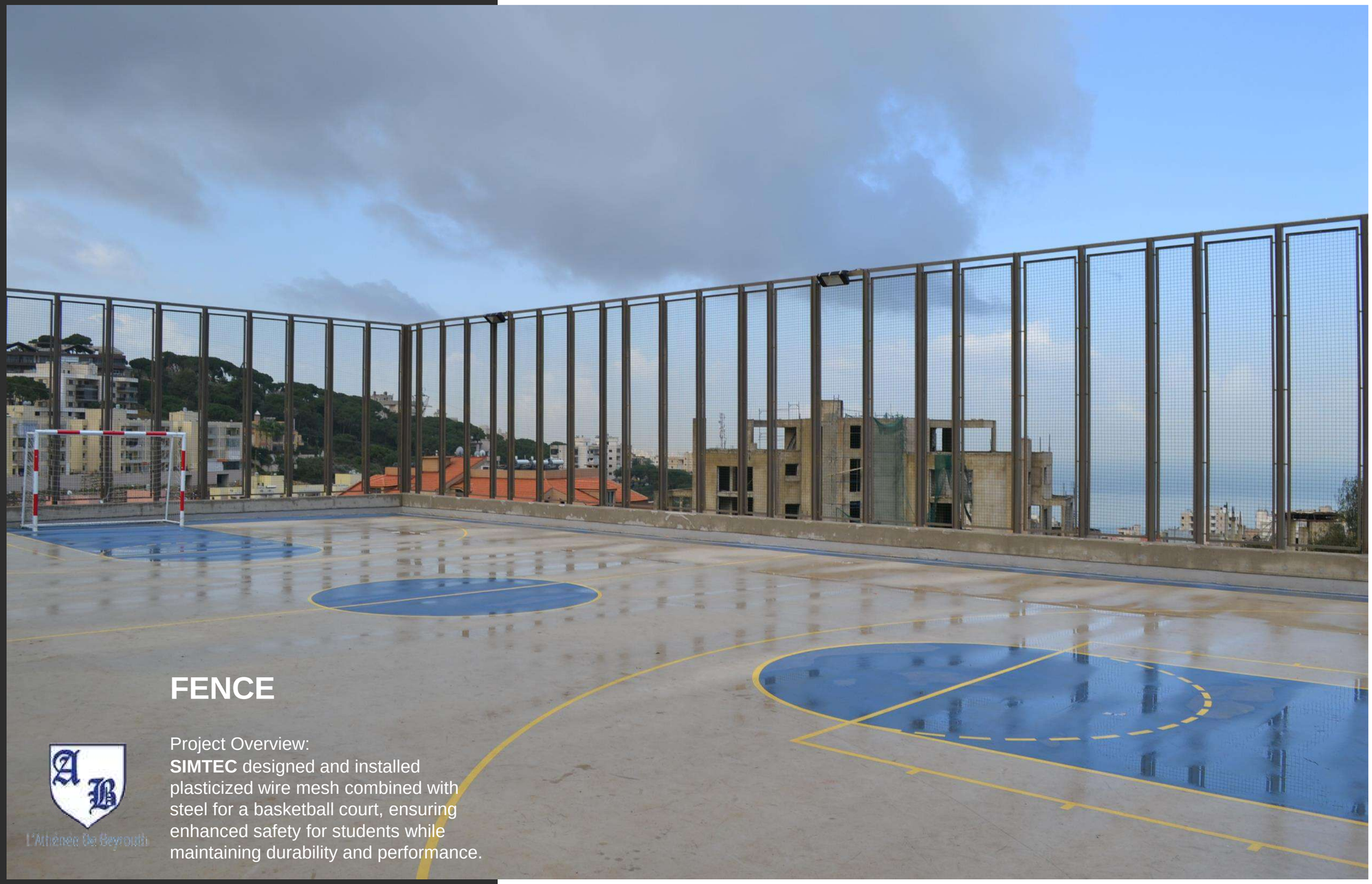
L'Athénée De Beyrouth

## L'ATHENEE DE BEYROUTH

Project Overview:
Balustrades are rows of small columns below a railing commonly used for staircases and balconies. Historically they play a common part in architecture. **SIMTEC** executed different projects for the prestigious college of L'Athénée de Beyrouth.

SIMTEC





# FENCE

L'Athénée de Beyrouth

Project Overview:
**SIMTEC** designed and installed plasticized wire mesh combined with steel for a basketball court, ensuring enhanced safety for students while maintaining durability and performance.

SIMTEC

L'Athénée De Beyrouth

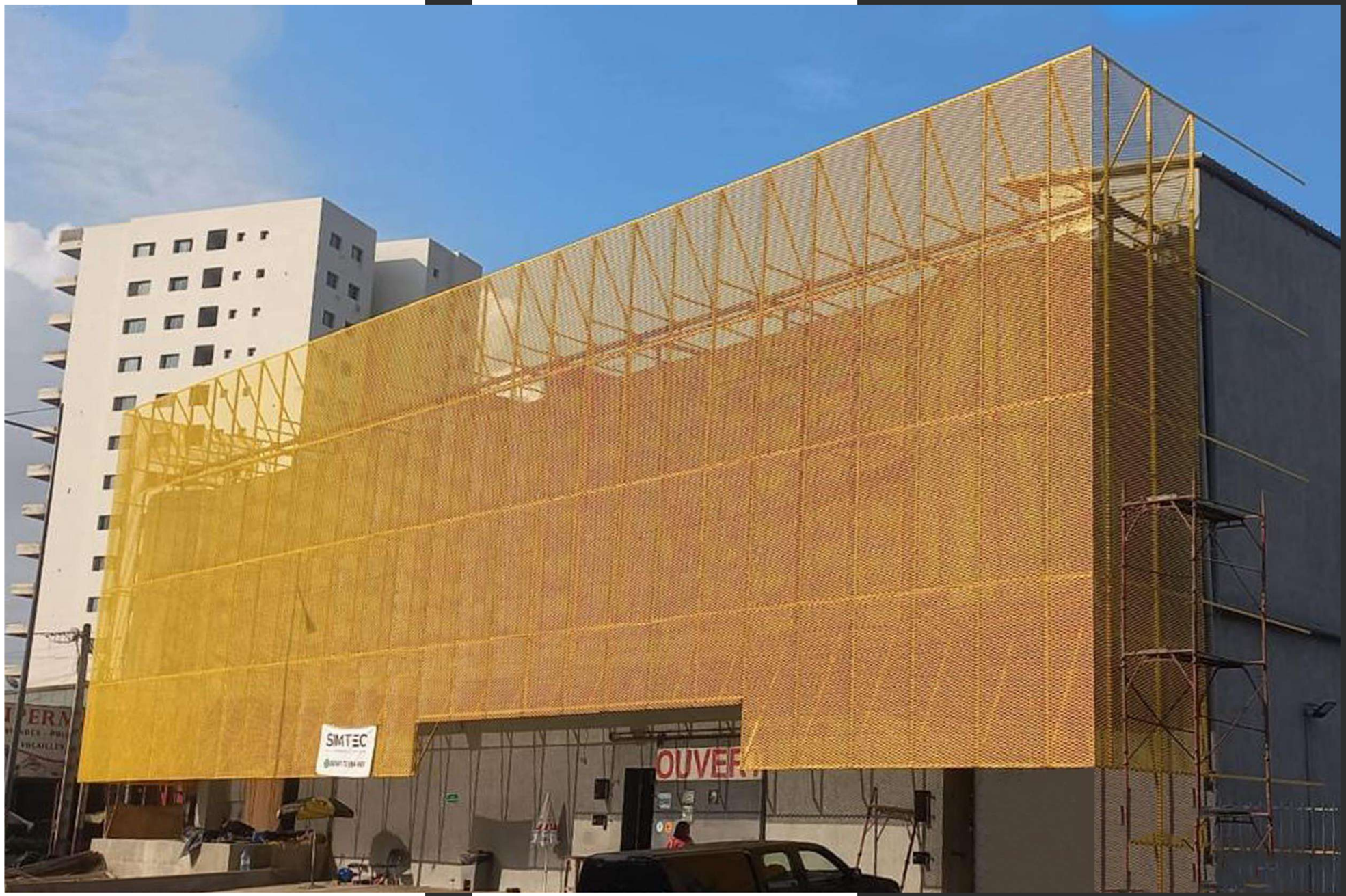
# SLIDING GATE

SIMTEC

SUPER U

**SUPER U – Cote d’Ivoire Abidjan**

Project Overview:
**SIMTEC** executed the mesh cladding facade of the Super U supermarket, providing a dynamic and modern façade with enhanced ventilation and aesthetic appeal.



SIMTEC

**3S Cottage - Ouyoun El Siman**

Project Overview:
3S Cottage is a private "Gated Community" at the foot of Ouyoun EL Siman with a wide range of advantages for its residents. The steel work of this community was executed by **SIMTEC** with lots of precision.

SIMTEC

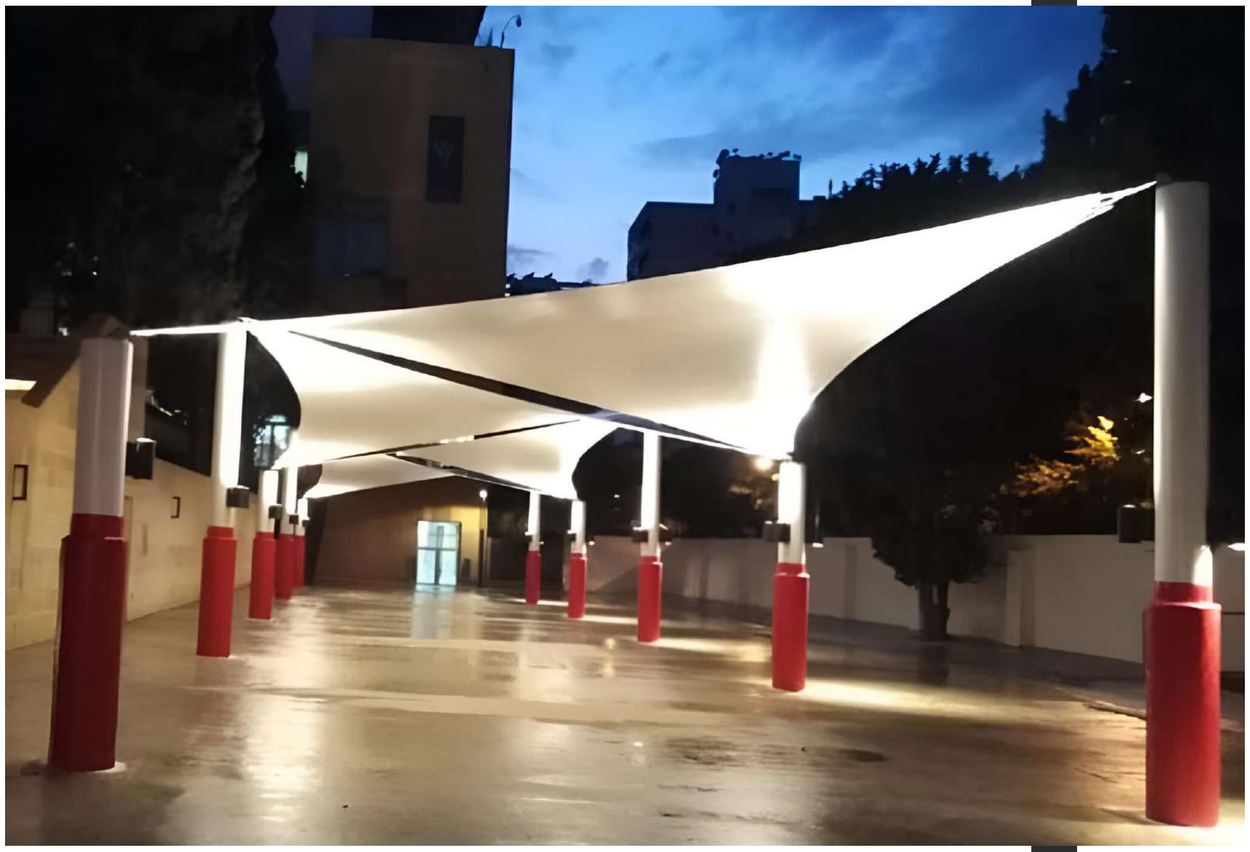
**3S Cottage - Ouyoun El Siman**

These steel staircases will gain attention as a sense of modern sophistication and style to the community and its visitors.

SIMTEC

## INTERNATIONAL COLLEGE

Project Overview:
**SIMTEC** completed the design, fabrication and installation of sale shades fabric and its steel structure.



SIMTEC

## UNIVERSITY OF BALAMAND

Project Overview:
The University of Balamand is a private institution, secular in its policies and approach to education. The university is located in the northern district of Lebanon.

SIMTEC

**SMART ESA**

Project Overview:
**SIMTEC** executed the facade cladding of the upper floor seamlessly blending modern materials with the building's historic architecture for a refined contemporary appearance.

SIMTEC

**COLORTEK**

Project Overview:
**SIMTEC** executed the dynamic facade cladding, featuring angular protruding elements that enhance depth and texture, complementing the sleek glazed surfaces for a bold, modern aesthetic.


SIMTEC

## AMERICAN UNIVERSITY OF BEIRUT

Project Overview:
The American University of Beirut is a private, non-sectarian, and independent university chartered in New York with its campus in Beirut, Lebanon. **SIMTEC** executed different projects for AUB.

SIMTEC

# Composition levels

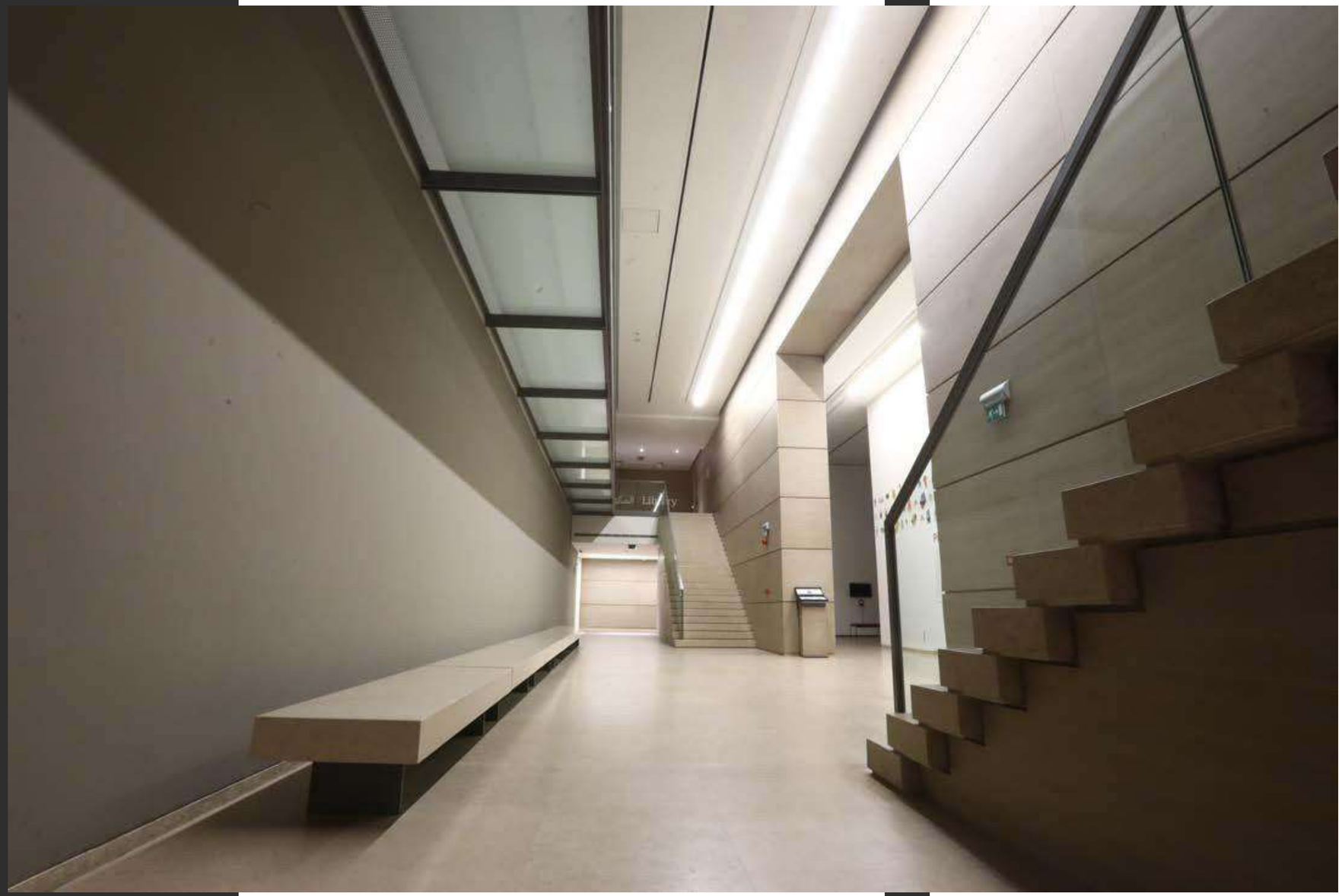
AUB
American University of Beirut

SIMTEC

## BADARO FRANCISCAINE

Project Overview:
With expert execution, **SIMTEC** delivered premium skylight solutions that enhance natural light while upholding the highest standards of design, functionality and aesthetic.

SIMTEC



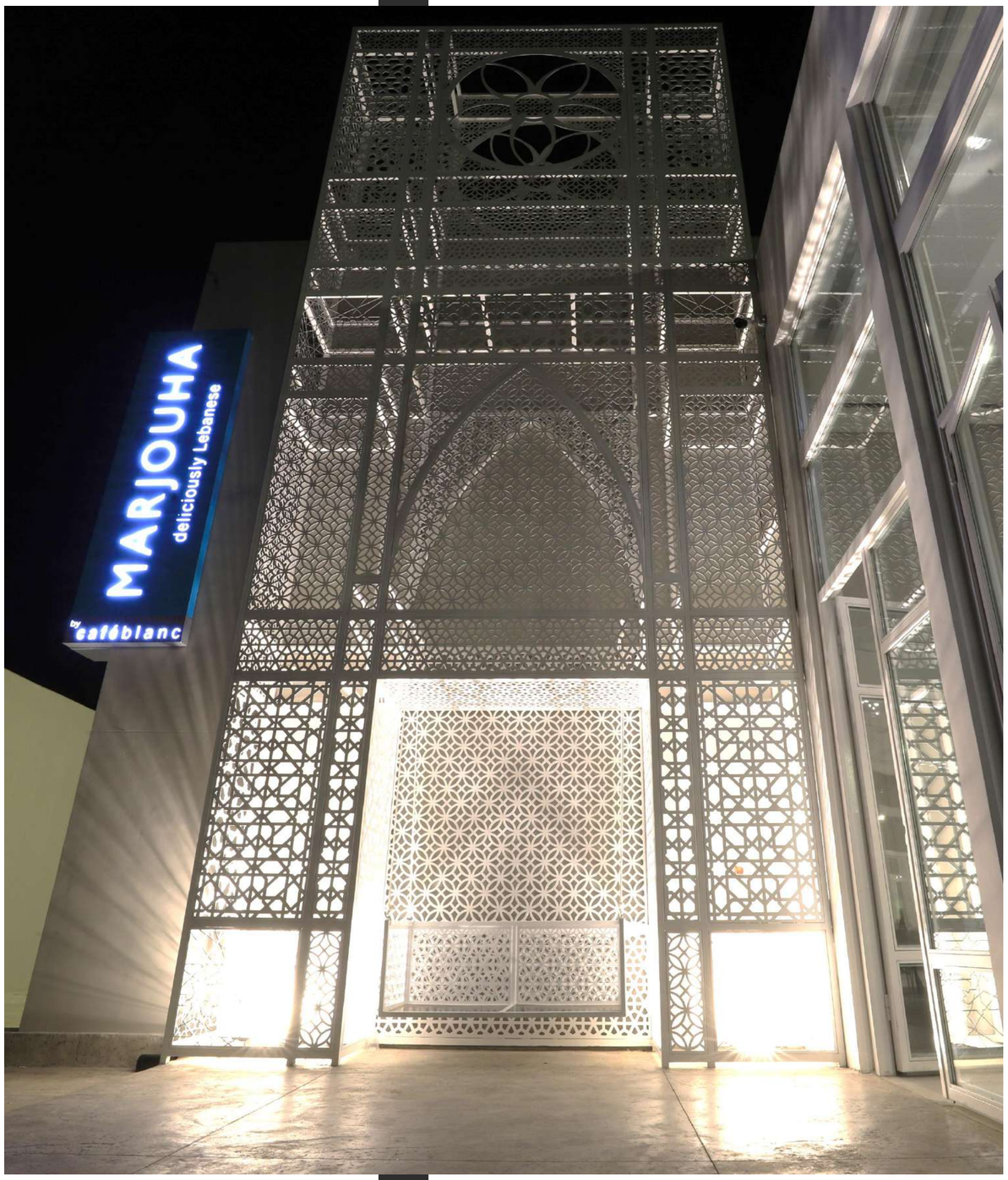
**Sursock Museum**

Project Overview:
The Sursock Museum, which is officially known as the Nicolas Ibrahim Sursock Museum, is a modern art and contemporary art museum in Beirut, Lebanon. We executed the stairs of the museum with lots of delicacy and precision.

SIMTEC

**Marjouha**

Project Overview:
**SIMTEC** executed a contemporary steel perforated facade, blending traditional arabesque patterns with modern precision. The intricate geometric motifs create a dynamic interplay of light and shadow, enhancing the space with a refined yet culturally inspired aesthetic.



SIMTEC

**Taj**

Project Overview:
**SIMTEC** engineered and executed this sleek, modern steel staircase with clean lines, blending functionality with contemporary aesthetics.

SIMTEC

**Gallery Matta**

Project overview:
**SIMTEC** executed a precision-engineered steel structure, integrating advanced truss systems for optimal strength and stability. The design seamlessly blends structural efficiency with modern architectural expression.

SIMTEC

**Alba**

Project Overview:
The Sursock Museum, which is officially known as the Nicolas Ibrahim Sursock Museum, is a modern art and contemporary art museum in Beirut, Lebanon. We executed the stairs of the museum with lots of delicacy and precision.

## Villa

Project overview:
**SIMTEC** executed a sleek steel canopy that seamlessly integrates with the minimalist architectural design. The structure features a bold linear form with exposed beams, creating a striking interplay of light and shadow against the natural stone-clad facade.

SIMTEC

## CNSS Congo Stairs Offices

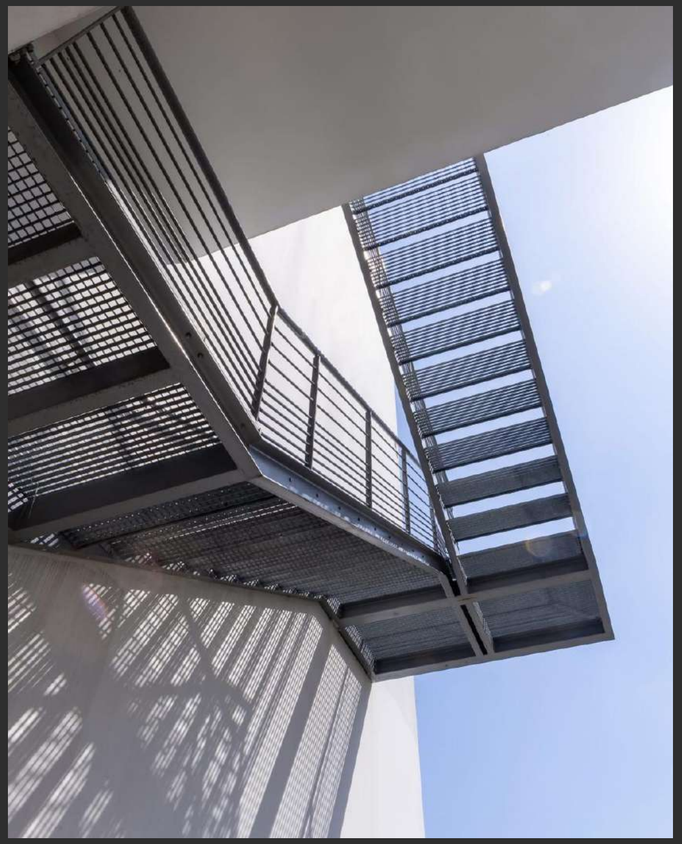
Project Overview:
**SIMTEC** executed this minimalist stair for offices. The floating steps, supported by a sleek steel structure and framed by floor-to-ceiling glass, create a seamless blend of transparency and lightness, enhancing the architectural fluidity of the curved facade.

SIMTEC

## AM 600

Project Overview:
AM600 is a -13storey residential development designed to accommodate flexible scenarios of internal arrangement within and across each level. This project was designed by RAB ARCHITECTS.

SIMTEC



SIMTEC

## Ballroom Blitz

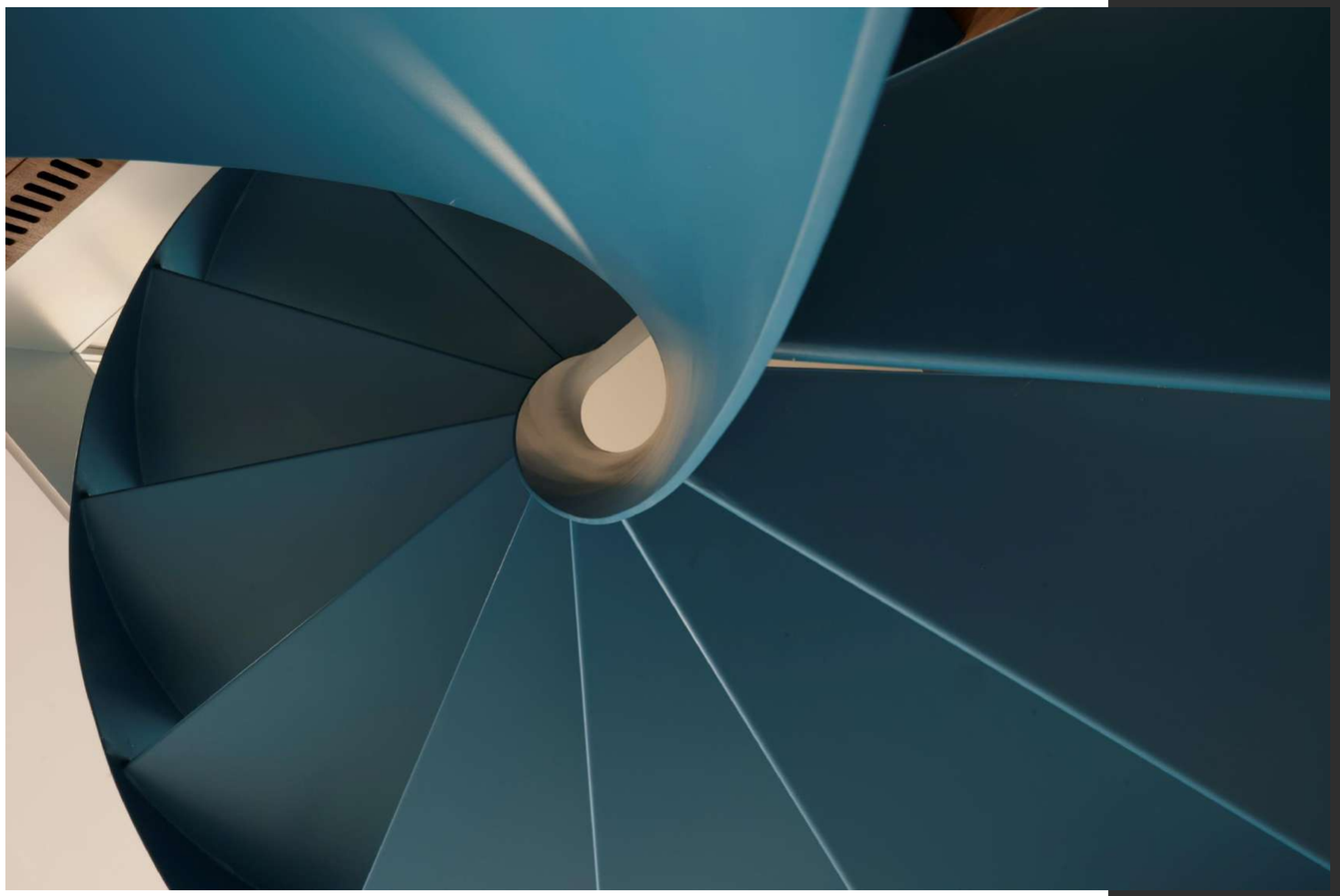
Project Overview:
**SIMTEC** executed the perforated mesh false ceiling, adding a refined and contemporary touch while maintaining lightness and spatial fluidity.

SIMTEC

PATRICK CHAMI
ARCHITECTURE & DESIGN

## Office Patrick El Chammy

Project Overview:
**SIMTEC** designed and fabricated a striking helical staircase as the signature architectural feature for an architecture office.



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## Painting Process

Application of fireproof intumescent paint:


SIMTEC

**Gyumri – Armenia**

Project Overview:
**SIMTEC** is in the process of executing a parametric design structure with a particular emphasis on constructing a ring mesh system in Armenia.

IN PROGRESS

SIMTEC

**Villa Khalil Khalil – Faraya**

Project Overview:
Located in Faraya, in a villa on the highway. This elegant stair shimmering reflections across the space is under construction.
It will add an ethereal touch to the villa.

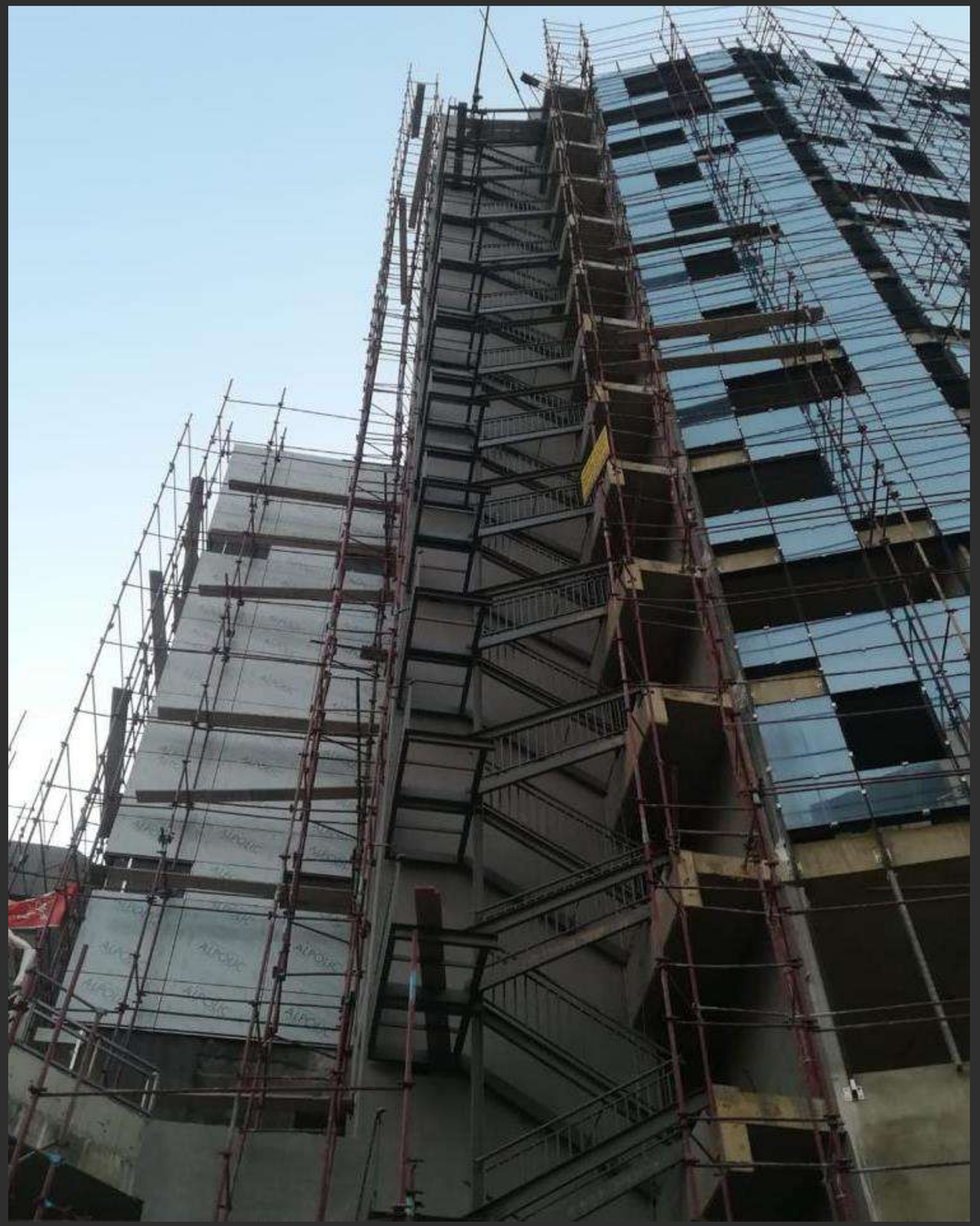
IN PROGRESS

SIMTEC

IN PROGRESS

**THE PLATFORM – Jal El Dib**

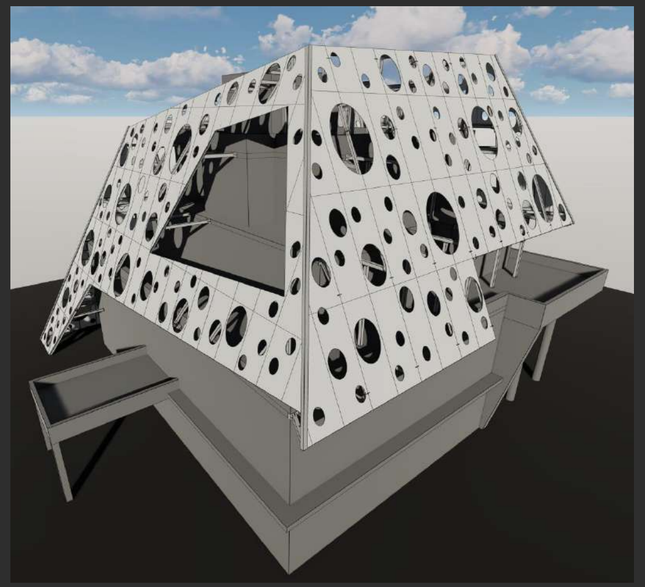
Project Overview:
Located in Jal El Dib next to the highway these stairs are under construction.
**SIMTEC** is executing this emergency steel stairs.



SIMTEC

**Cour Constitutionelle – Congo**

Project Overview:
**SIMTEC** is executing this modern and sophisticated aluminum facade cladding for a Palace of Congresses in Africa.



IN PROGRESS

SIMTEC

**Police Station MENKAO - Congo**

Project Overview:
Located in Congo, **SIMTEC** is currently executing this police station steel structure and the prefabricated police stations.

IN PROGRESS

SIMTEC

# OUR CLIENTS







































SIMTEC
steel engineering & contracting

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