



United Engineers

المهندسون المتحدون

Engineering Leadership & Innovative Solutions for Complex Projects

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+ 45 years
Of Experience

+ 100
Completed Architecture
And Design Projects

+300
Home Renovations
Projects

+7.5 km²
Of Urban Planning
Projects

+ 400
Residential Apartments

ABOUT US

Established in 1976, United Engineers - Machaka is an engineering firm that has acquired a solid reputation throughout the years after delivering hundreds of successful projects.



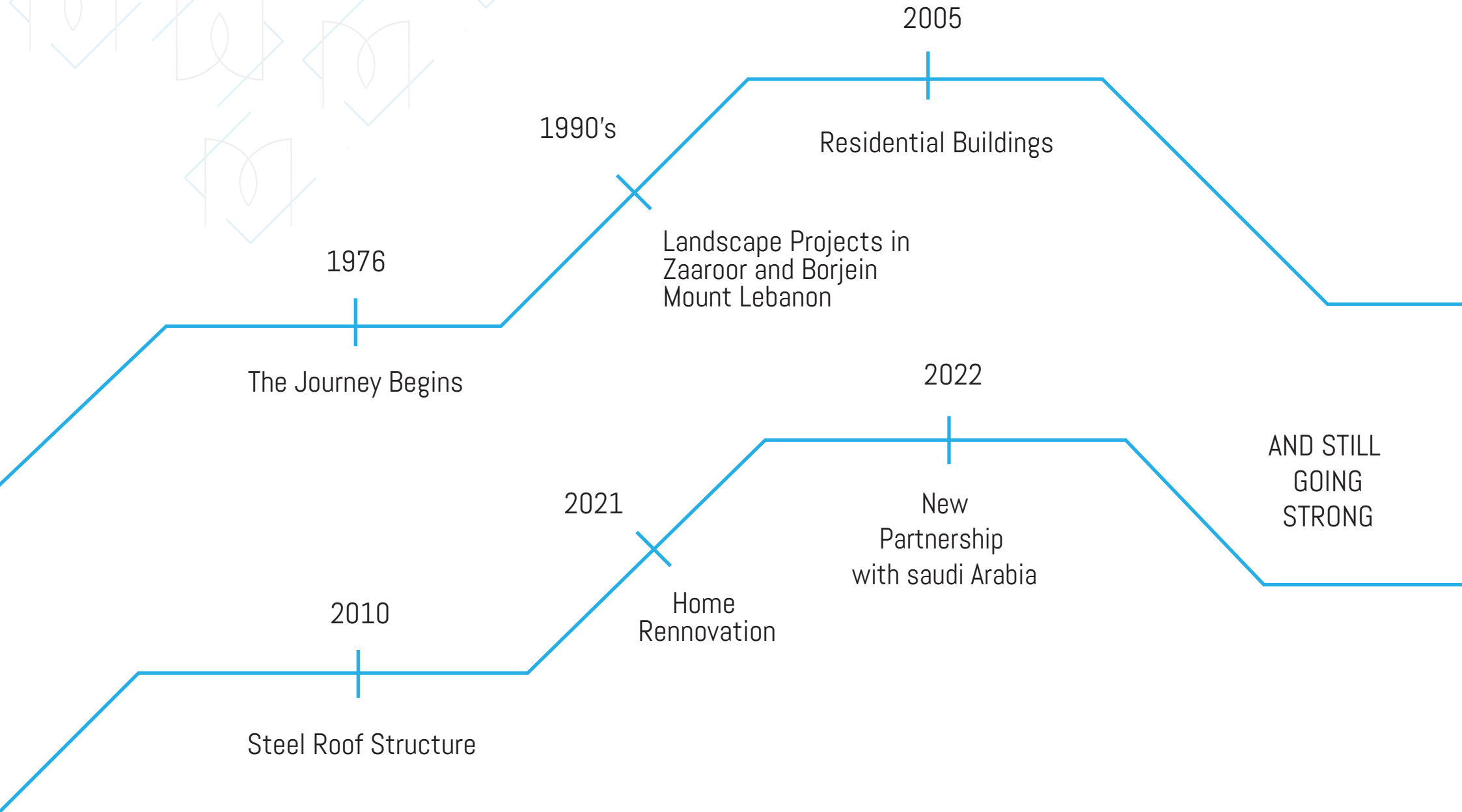
With decades of cumulative experience, we offer full-service consultancy within the classical engineering disciplines in combination with expertise in several specialist areas. Our competencies are based on solid experience and a high level of professionalism. Together with our customers, we develop future-proof and value-adding solutions.

Our specialist engineers use their knowledge to deliver exceptional and sustainable outcomes that meet the latest standards and international regulations while being cost and environment-friendly. We offer world-class engineering skills, advanced technical backup, and in-depth knowledge of the current design standards for any type of building, anywhere in the world.

We apply our deep market sector insights to deliver code-compliant and sustainable designs for various uses. Our experience ranges from large-scale housing schemes with all associated infrastructure to commercial complexes to construction management services. We use cutting-edge technical approaches and have substantial computing facilities including graphics and automated design systems.



OUR HISTORY



LEADERSHIP TEAM



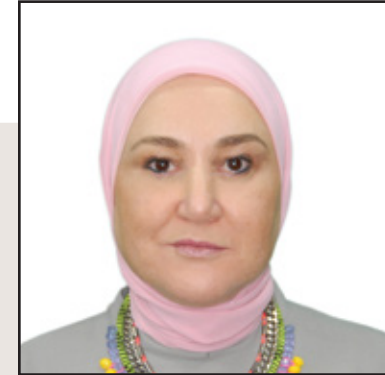
Dr. Meheddene Machaka
Founder CEO

the PhD in Civil Engineering holder, is what anyone would describe as a project management professional. He has managed projects valued at a cumulative of +250 Million Dollars over a span of +31 years. His construction planning and structural design skills have earned him a chairperson position at one of Lebanon's leading universities and put him in partnerships with the likes of Saudi ARAMCO.



Mohammad Kibbi
Architecture Engineer

An Architect with a diverse project management experience in the construction industry, exposed to different types of built development projects, a high level of leadership and communication commitment and professionalism offered in return for challenge, offering value engineering solutions in line with project timeline and proposed budget.



Nada Reslan
Structural Engineer

is civil engineer with extensive experience in structural design and analysis. 25 years and +100 concrete designs later she is at level of professionalism that is unmatched in the industry. Her exposure and ability to adapt within this field go second to none.

EXPERTISE

Precise Solutions For Unique Needs



ARCHITECTURE DESIGN

PLANNING & URBAN DESIGN

INTERIOR DESIGN

STRUCTURAL ANALYSIS AND DESIGN

CONSTRUCTION SUPERVISION



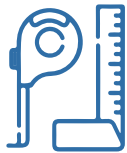
OUR SERVICES



Preparation Of Master Plans



Preliminary Design



Feasibility Studies



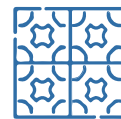
Construction Management



Renovation



Construction Supervision



Urban Planning



Project Management

OUR PHILOSOPHY



MISSION

To Be The Client's First Choice For Resolving Their Challenges Through Innovation And Advanced Technical Solutions.



VISSION

To Transform Specialist Consultancy By Offering Solutions For A More Sustainable Future.



VALUES

Everything We Do Is Guided By The Highest Ethical Principles. Professionalism Is Inherent In Our Offering. We Are Humble And Act With Moral And Intellectual Integrity.



OUR PROJECTS

Our success is built on relationships – with our clients, our partners, and each other.



Architecture Design

Execution Design

BIM/Revit

Design Development

Conceptual Design





Alnour Bld./ Lot 5328, Beirut

- **Building up area**=3692m²
- **Brief description:** Residential building, 12 floors with 1 basements and GF. (12 apartments)
- **Years of construction:** 2003-2005



Alriyad Bld./ Lot 1284-Ras Beirut

- **Building up area**=3000m²
- **Brief description:** Residential building, 8 floors with 1 basements and GF. (16 apartments)
- **Years of construction:** 1998-1999



Alhoda Bld. / Lot 990-Mazraa

- **Building up area**=2150m²
- **Brief description:** Residential building, 9 floors with GF. (18 apartments)
- **Years of construction:** 2004-2006



Al Sultan Bld. / Lot 2785-Mosaytbeh

- **Building up area**=3900m²
- **Brief description:** Residential building, 12 floors with 2 basements and GF. (12 apartments)
- **Years of construction:** 2007-2009



Hamad Bld. / Lot 4361-Mazraa

- **Building up area**=2306m²
- **Brief description:** Residential building, 10 floors with 1 basements and GF. (10 apartments)
- **Years of construction:** 2010-2012



Alyasamin Bld. / Lot 4871-Mosaytbeh

- **Building up area**=3000m²
- **Brief description:** Residential building, 12 floors with 1 basements and GF. (12 apartments)
- **Years of construction:** 2004-2006



Alhana Bldg. Lot 579 Mosaytbeh

- **Building up area**=5000m²
- **Brief description:** Compound residential building, 3 Blocks, 33 apartments.
- **Years of construction:** 2007-2009



Saadiat/ Lot 3098- Saadiat

- **Building up area**=1000m²
- **Brief description:** Villa
- **Date of execution:** 2009-2012



Yasmin-2 Bld./ Lot 538, Beirut

- **Building up area**=951m²
- **Brief description:** Residential building, 7 floors with GF. (7 apartments)
- **Years of construction:** 1998-1999



Areej Bldg /Lot 829 Msaytbeh

- **Building up area**=6980m²
- **Brief description:** Residential building, 12 floors with 1 basements and GF. (48 apartments)
- **Years of construction:** 2000-2002



Alsalam-2/ LOT 5335 Msaytbeh

- **Building up area**=4340m²
- **Brief description:** Residential building, 12 floors with 2 basements and GF. (36 apartments)
- **Years of construction:** 2004-2007



Aljana Bld./ Lot 2892, Beirut

- **Building up area**=2153m²
- **Brief description:** Residential building, 9 floors with 1 basements and GF. (9 apartments)
- **Years of construction:** 2006-2008



Karim Bld./ Lot 4908-Mazraa

- **Building up area**=4400m²
- **Brief description:** Residential building, 12 floors with 2 basements and GF. (12 apartments)
- **Years of construction:** 2015-2017



Alsanawbar Bld. / Lot 5493-Mazraa

- **Building up area**=5600m²
- **Brief description:** Residential building, 12 floors with 1 basements and GF. (24 apartments)
- **Years of construction:** 2007-2009



649 Bld. / Lot 707-Mazraa

- **Building up area**=3060m²
- **Brief description:** Residential building, 12 floors with 2 basements and GF. (24 apartments)
- **Years of construction:** 2014-2016

Planning & Urban Design

Landscape Design

Urban Planning

Urban Regeneration & Renewal





Montana/ Lot 1295-Broumana

Building up area= 6,900m²

Brief description: Residential compound with swimming pools and playgrounds (40 residential apartments).

Years of construction: 1992-1995

Location: Broumana





AL Zaarour. / Lot 5762-Zarour

Building up area=3000m²

Brief description: Suites, 18 Suite

Years of construction: 1994-1996



Interior Design

Interior detailing

BIM

Material & furniture Selection



Structural

Structural Parts Drafting Detailing
Structural Shop Drawings
Cost Estimation
Fabrication Shop
Drawings Management
Construction Documents
Bim Coordination





Florida Tower/ Lot / 1587 Msaytbeh

- **Building up area**= 26,890 m²
- **Construction completed:** 5 basement, 5 commercial floors, 13 residential floors.
- **Location:** In the heart of Beirut (Verdun)
- **Date of execution:** 1995-1996



Monte Marina Center/ Lot2181 Msaytbeh

- **Building up area**= 13,060m²
- **Construction completed:** 2 basement, 2 commercial floors, 11 residential floors.
- **Brief description:** Commercial and residential building.
- **Location:** In the heart of Beirut (Verdun).
- **Date of execution:** 1990-1993



Garden Bldg./ Lot 4879 Mazraa

- **Building up area**= 3000m²
- **Brief description:** Residential building, 10 floors with 2 basements and GF.
- **Location:** In the heart of Beirut / Tallet Alkhayat
- **Date of execution:** 1983-1985



AL ZOHOR BLDG./ LOT 5211 MSAYTBEH

- **Building up area**= 3,800m²
- **Brief description:** Residential building, 10 floors with 2 basements and GF.
- **Years of construction:** 1997-1999
- **Location:** In the heart of Beirut
- **Date of execution:** 1997-1999



Rama Tower/Lot 1592 Mosaytbeh

- **Building up area**= 5,090m²
- **Brief description:** Residential building, 14 floors with 1 basements and GF.
- **Years of construction:** 2009-2012
- **Location:** Msaytbeh / Taleet shehade
- **Date of execution:** 2009-2012



707 Bld. / Lot 707-Mazraa

- **Building up area**=3300m²
- **Brief description:** Residential building, 14 floors with 1 basements and GF. (14 apartments)
- **Years of construction:** 2012-2014



Alwaha building/ Lot 834, Beirut

- **Building up area**=6000m²
- **Brief description:** Residential building, 10 floors with 1 basements and GF. (30 apartments)
- **Years of construction:** 2002-2004



Borj Abi Haidar/ Lot 404-6241/ Mazraa

- **Building up area**=10016m²
- **Brief description:** Two residential building, 12 floors with 1 basements and GF. (48 apartments)
- **Years of construction:** 2010-2012



Soubra Residence / Lot 1805-Aramoun

- **Building up area**=3169m²
- **Brief description:** Residential building, 5 floors with 1 basements and GF. (15 apartments)
- **Years of construction:** 2012-2015



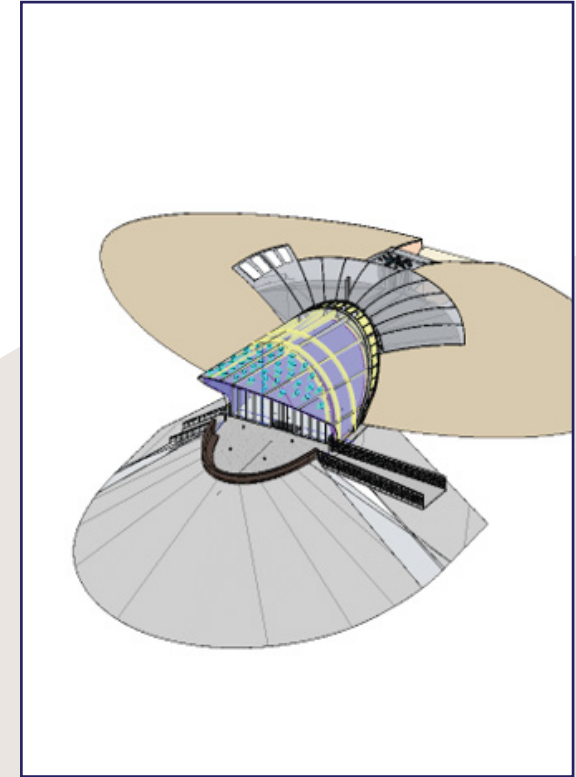
Ibad Alrahman new building (NGO)/
Lot 236-Beirut

- **Building up area**=4430m²
- **Brief description:** Educational and training Building, 8 floors with 2 basements and G.F, Beirut
- **Years of construction:** 2009-2011



Soubra Residence / Lot 4255
-Aramoun

- **Building up area**=34370m²
- **Brief description:** Residential building, 5 floors with 1 basements and GF. (20 apartments)
- **Years of construction:** 2015-2016



Carbon Café / Saudi Arabia

- **Building up area**=2000m²
- **Brief description:** Café in Saudi Arabia
- **Years of construction:** 2021-2022

A photograph of a construction site. In the foreground, a red tower crane is visible against a blue sky with light clouds. Below the crane, a concrete building frame is under construction, showing several levels of columns and beams. A red crane is also visible on one of the upper levels of the building. The text 'Construction Supervision' is overlaid in a blue font on a semi-transparent white background.

Construction Supervision

- Program management
- Construction management
- Construction engineering & inspection
- Construction quality control
- A/E selection
- Bid management
- Estimating
- Scheduling
- Claims mitigation,
- Review & dispute resolution
- Constructability reviews
- Contractor services
- Value engineering
- Due diligence studies
- Commissioning
- Asset management



Alnasmah Building. / Lot 4937-Beirut:

- **Building up area**=3165m²
- **Brief description:** Residential building, 11floors with 1 basements and GF. (10apartments)
- **Years of construction:** 2001-2003



Alzaydaniyeh Building. / Lot 109-Beirut

- **Building up area**=4910m²
- **Brief description:** Residential building, 9floors with 1 basements and GF. (36apartments)
- **Years of construction:** 1994-1996



Alrayan Building. / Lot 3878-Beirut

- **Building up area**=3543m²
- **Brief description:** Residential building, 11floors with 1 basements and GF. (22apartments)
- **Years of construction:** 2020-2021



Barbour Building. / Lot 265-Beirut

- **Building up area**=5252m²
- **Brief description:** Residential building, 11floors with 1 basements and GF. (33apartments)
- **Years of construction:** 2013-2015



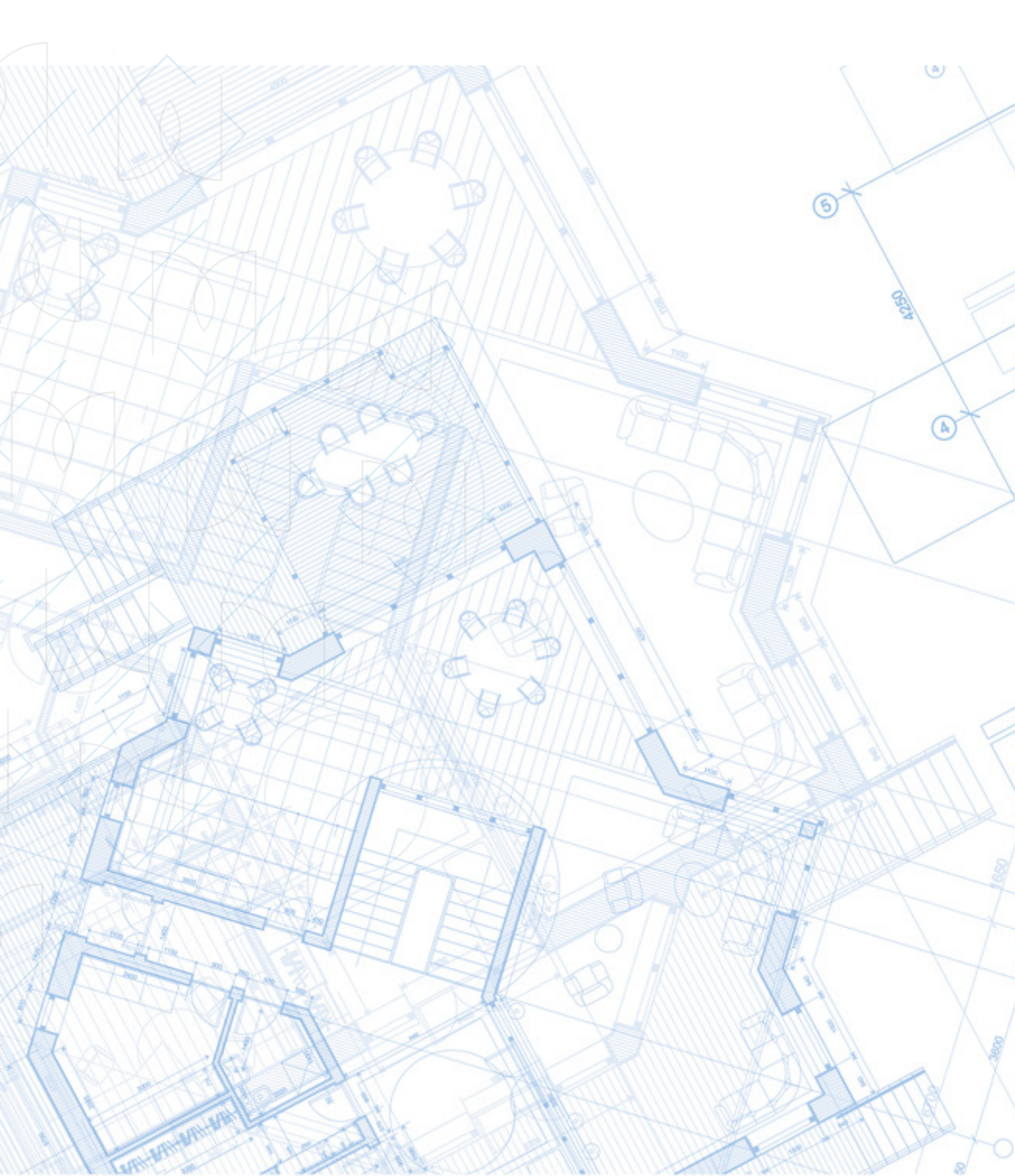
Alnada Building /lot 280 Beirut

- **Building up area**=3342m²
- **Brief description:** Residential building, 12floors with 1 basements and GF. (12apartments)
- **Years of construction:** 1998-2000



Alnasim Building. / Lot 4941-Beirut

- **Building up area**=3342m²
- **Brief description:** Residential building, 12floors with 1 basements and GF. (12apartments)
- **Years of construction:** 1998-2000



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