

FLOATMAP STRUCTURES

ENGINEERING
DESIGN
SOLUTIONS

CONSTRUCTION STUDIO

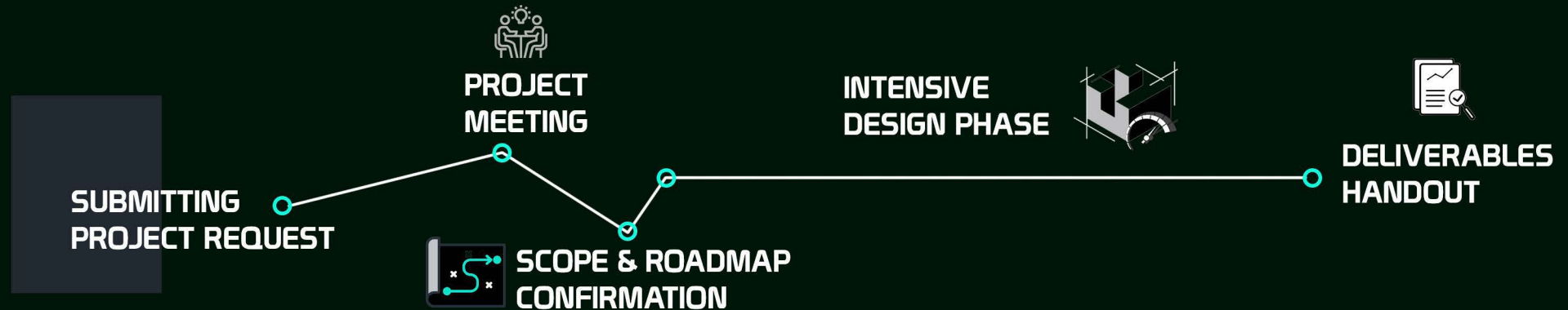
ARCHITCETURAL
STRUCTURAL
COORDINATION

ALL

DIGITAL

CONSTRUCTION

FLOATMAP PROJECT PROCESSING



FEATURING:

INCORPORATION OF INTERNATIONAL BEST PRACTICES AND CRITERIA.

ENSURING EACH PROJECT MEETS STRINGENT SUSTAINABILITY, AND QUALITY BENCHMARKS.

ADHERENCE TO THE HIGHEST INDUSTRY STANDARDS AND CODES INCLUDING THE INTERNATIONAL BUILDING CODE (IBC).

EFFICIENT YET EASY TO EXECUTE DESIGNS.

DESIGN FOR COST EFFECTIVE CONSTRUCTION.

DETAILED DESIGNS & PROJECT DOCUMENTS, FAST PROJECT HANDOUT.



Geometry, Concept, & Initiation

Getting Started:

- 1- Starting a project from scratch
- 2- Completing an existing project

Depending on the client's Preferences

We together determine project:

objectives

aesthetics

functionality

sustainability

Shaping the project's essential idea, concept, & outlines.

Assessing architectural layouts and project environment

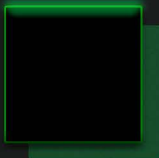
Our architectural designs are based on essential parameters, including:

Site and Surrounding Environment

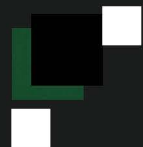
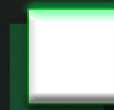
Culture

Regulations

Global Specifications, Standards, and Practices

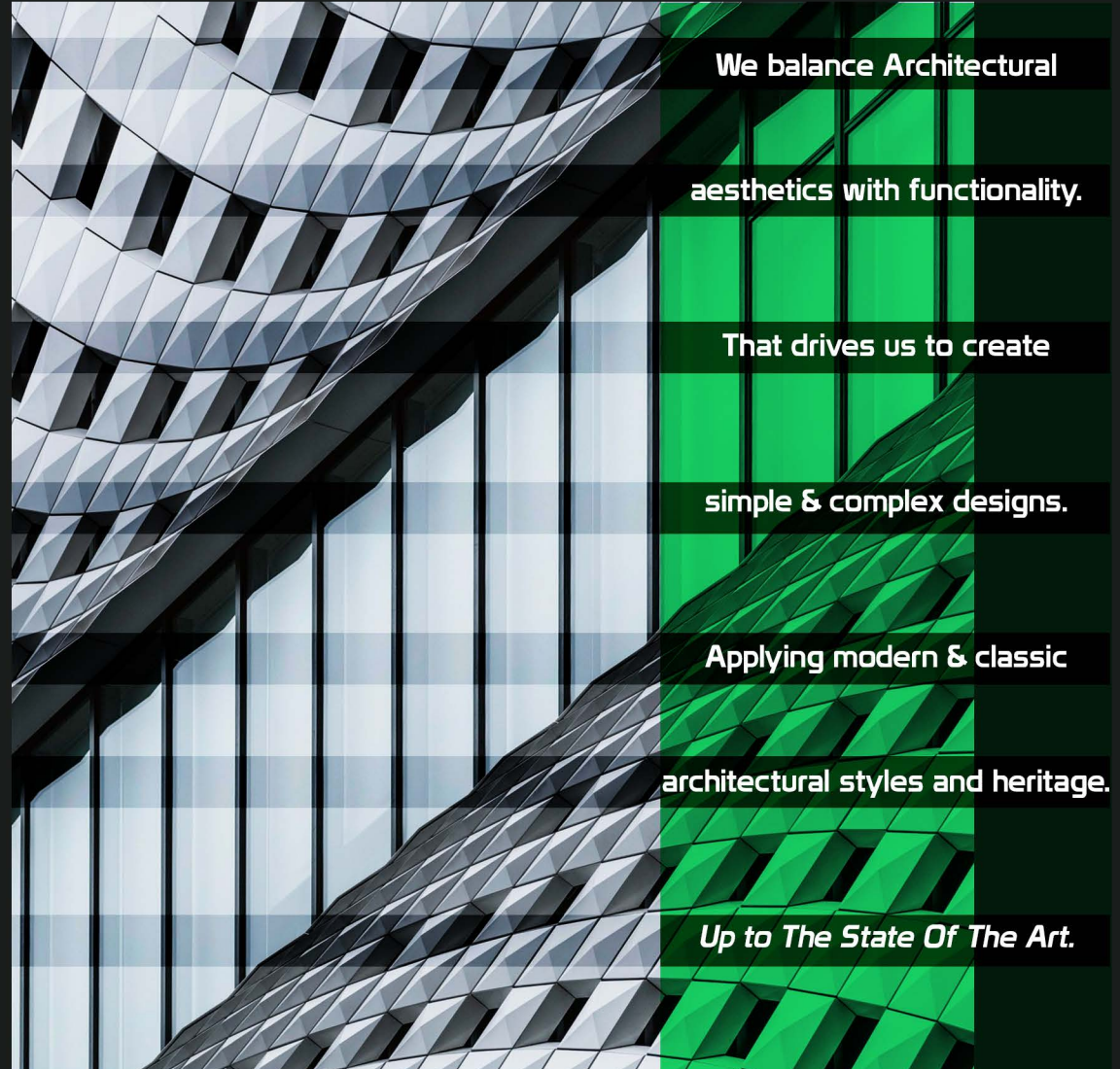


Making deep understanding and assessment of these factors to move forward with our designs.



As we advance with 3 holistic
design assessments...

- 1- Exterior & Landscape assessments
- 2- Interiors & Spaces assessments
- 3- Organized architecture & Integrated Engineering



We balance Architectural
aesthetics with functionality.

That drives us to create
simple & complex designs.

Applying modern & classic
architectural styles and heritage.

Up to The State Of The Art.



Using up-to-date technologies with continuous improvements in each,

Such as BIM, CAD, Digital Twin, Green Building...& more.

Keeping up with the profession's world trends and advancements.

To produce deliverables like 2D & 3D models, Interior layouts, exterior,

façade and landscape designs, and other architectural drawings and docs.

We use advanced tools ,To perform each specific task

and create particular deliverable.



Structural Analysis

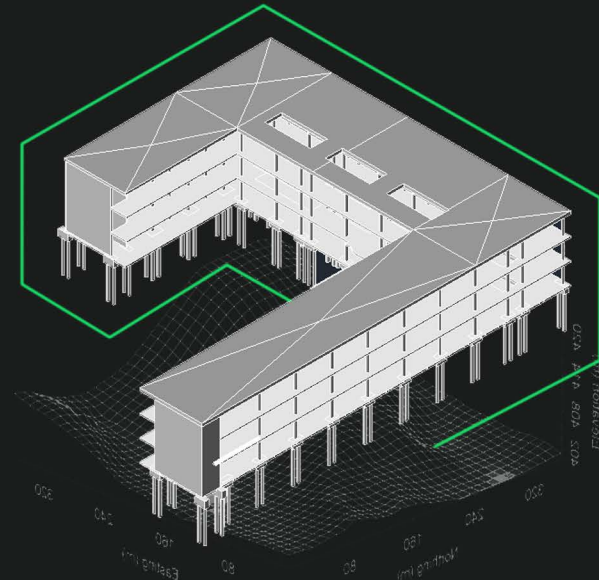


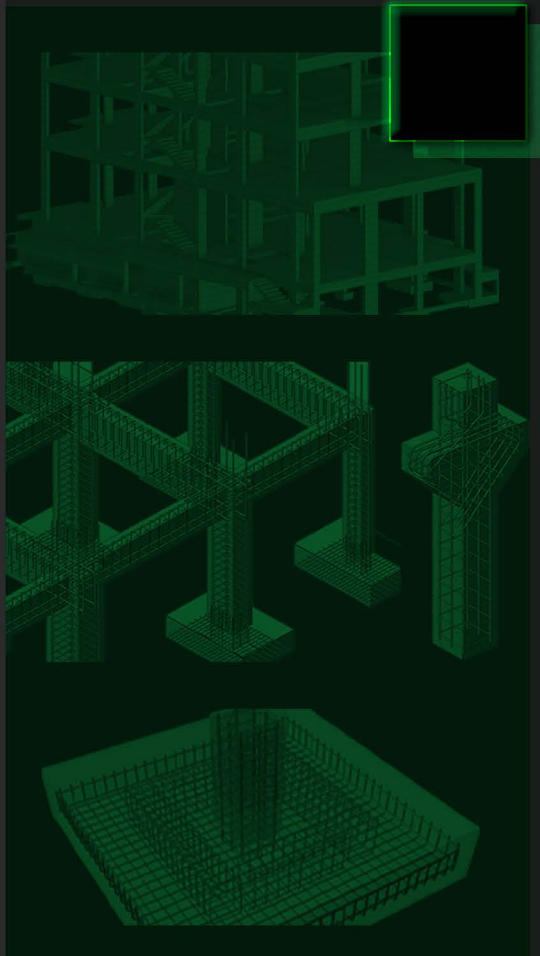
Structural Design has several basis to be established on

- Building site, nature, & environment
- Location & type of building
- Local regulations and considerations
- Structural local & Global standards and specifications
- Structural Design & Building Codes Ex. (IBC)
- Geotechnical reports & requirements
- Safety standards in structural design
- Building uses and objectives

Most exclusively

- Tailoring client's requirements & preferences
- Achieving the Architectural design constraints
- Keeping up with common practices by area/city.





We develop structural analyses and designs starting from the foundations and progressing inch by inch for each floor.

Each area and inch is meticulously designed to fulfill the structural requirements.

Completing all calculations for all types of loads and stresses, making a 'reinforced concrete'- design that is not prone to cracking.

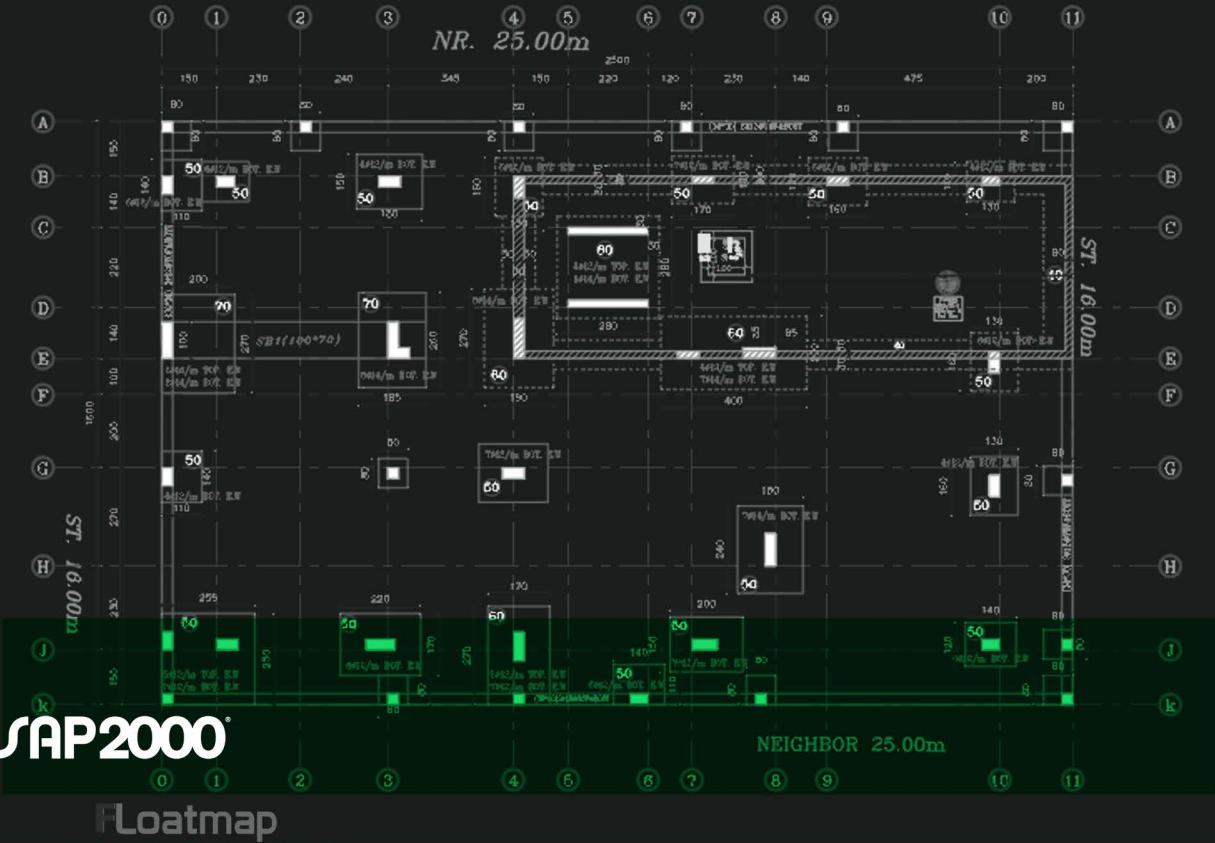
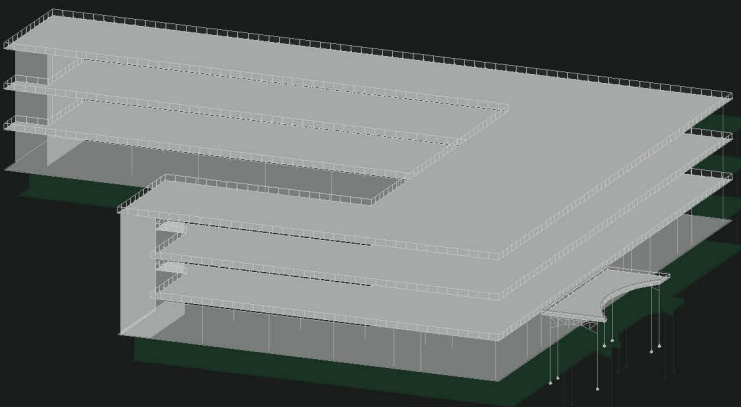
Setting the suitable structural system, we validate that our structural designs and analyses comply with the standards and project's scope.

Hence, approved structural drawings, documents, and calculation sheets are submitted.

Using up-to-date technologies with structural analysis skills and experience,
Being deeply familiar with common global practices in different locations.
Keeping up with the profession's world trends and advancements.

To produce deliverables like 2D & 3D structural models,
sections & layouts, detailing, Calculations, and analysis,
and other structural drawings and docs.

We use advanced tools, To perform each specific task
and create particular deliverable.



ETABS

SAFE

SAP2000

Floatmap

ALL DIGITAL WORK

CUTTING-EDGE MODERN CONSTRUCTION DESIGNS

SUPERB PROJECT **TAILORING**

AGILE CONSTRUCTION DESIGN APPROACH

LEVERAGING UP-TO-DATE **ADVANCED TECHNOLOGIES** (DIGITAL TWINS, BIM, GREEN BUILDING)

INNOVATIVE STYLES AT THE STATE OF THE ART.

SPECIAL TOOLS, TEMPLATES, & DOCS OPTIMIZING PROJECTS AND OWNER'S EXPERIENCE

ORGANIZED PROJECT DIGITAL PACK (INDEXED READY-TO-USE DRAWINGS EBOOK, PROJECT PLAN, DOCS)

SUSTAINABLE & ECO-FRIENDLY DESIGNS & PLANS COMMITMENT

ADAPTIVE WORK **ENVIRONMENT & PRACTICES** GUIDING ALL PROJECT DEVELOPMENT PROCESSES



We have projects in EGYPT, KSA, UAE, JORDAN, KUWAIT, & USA.
CHECK OUT OUR PROJECT GALLERY.

CONTACT US VIA E-MAIL: info@thefloatmap.com

VISIT OUR WEBSITE - WWW.THEFLOATMAP.COM - TO DISCOVER OUR UNLIMITED OFFERS AND
ADVANCED PROJECTS AND CONTENT.

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GET YOUR FREE PROJECT DESIGN SAMPLE & FREE CONSULTATION, JUST BY CONTACTING US AT THEFLOATMAP.COM
OR MAKING A REQUEST.