

COMPANY PROFILE

STEEL
DESIGN
FABRICATION
ERECTION

ניצני העמק בע"מ
החברה לצמיחת מבנים

Nitzani Ha'emek LTD
Growth Structures company



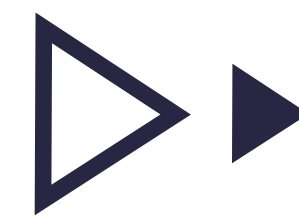
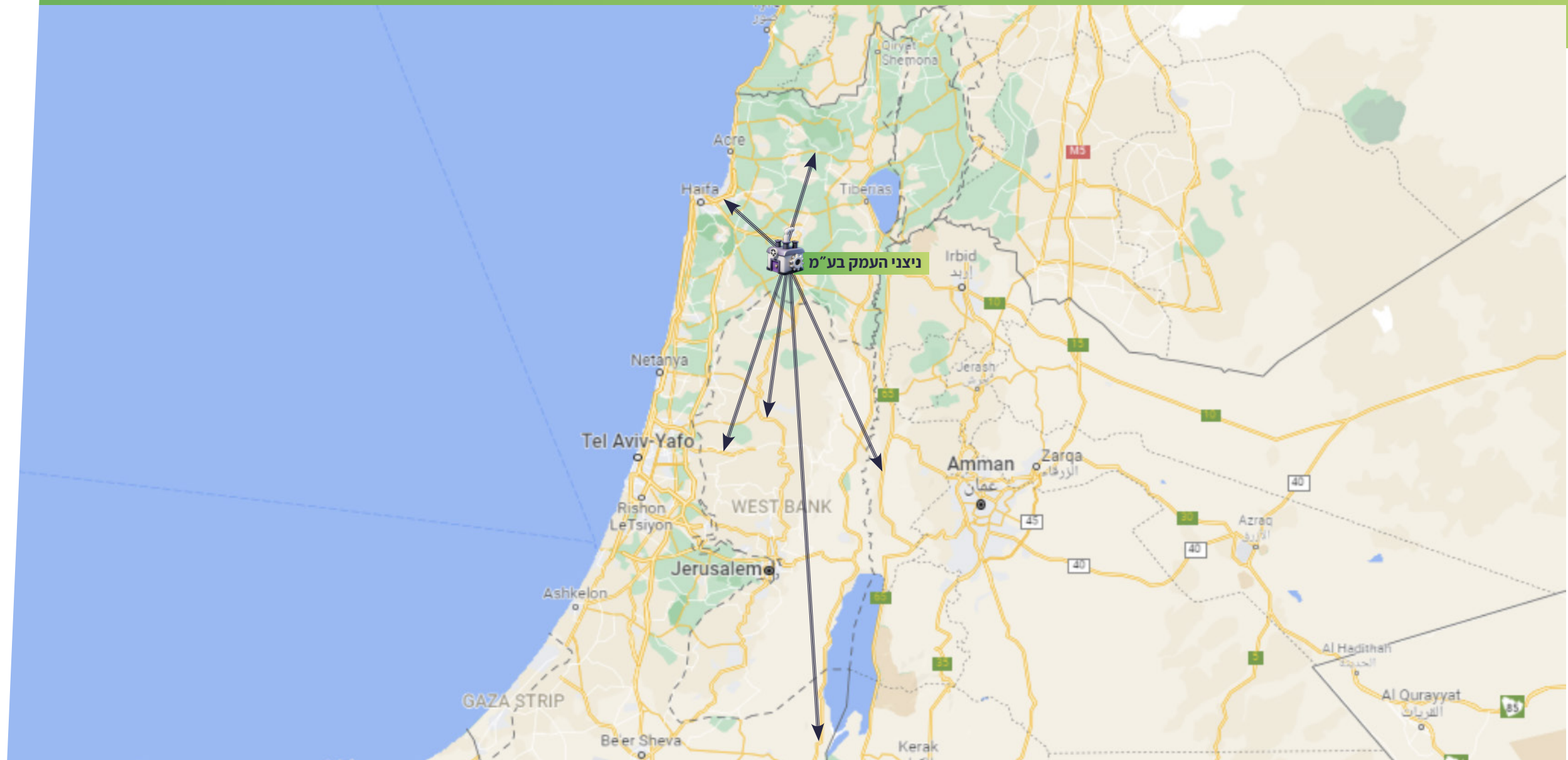
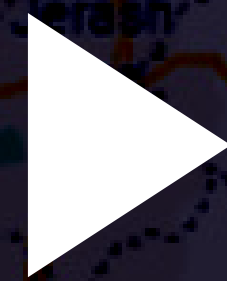
▶ ABOUT US





**Winner of the 2025
Building Innovation
Award**

- ▶ Nitzani Ha'emek is one of the leading Structural Steel companies in Israel with more than 26 years of experience.
- ▶ Our Fabrication Facilities located in the Mevot Gilboa industrial area near the city of Afula and equipped with modern CNC machines, our production capacity almost 1000 MT per month even we can supply more by using multi-working shifts.
- ▶ Our plant has been certified to the international standard of ISO2008:9001 and many other local standards and certificates.

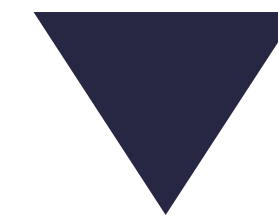
OUR LOCATION



	Haifa Port	40 Km
	Port of Ashdod	149 Km
	Port of Eilat	429 Km
	Sheikh Hussein - by land	45 Km
	Ben Gurion Airport	121 Km
	Haifa - Jordan Rail	7 Km



WORK PROCESS FLOW CHART



Engineering

- Complete Design
- Preparation of shop & erection drawings
- Submission & Approval
- Release of shop drg. For fabrication

Site Preparation

- Marking the anchor bolts location
- Taking the asmade after concrete casting
- Logistic Arrangement

Planning

- fabrication plan
- Erection plan
- Timing schedule

Fabrication

- Marking
- Sizing
- Fit-up
- Welding



Inspection

- Dimension
- Visual & NDT

Inspection

- Profile check post blasting
- Salt contamination test
- WFT/DFT Check
- Others

Delivery to Site

- Material Segregation
- Packing
- Loading of Materials
- Offloading at site

Installation

- Mobilization
- Materials Arrangement
- Lifting and Erection
- Touch up paint

Surface Treatment

- Blasting
- Painting
- Galvanizing

SMART STEEL TRACKING: FROM DESIGN TO SITE ▶

Each steel beam is digitally tracked from design through production, modification, and on-site assembly. Our smart tagging system ensures real-time monitoring, seamless coordination, and full traceability throughout the entire construction process.





N-EMEK ▲ PRODUCTION FACILITIES

N-EMEK CNC MACHINERY



High-performance CNC machine for automated steel processing with dual drilling head



Advanced CNC drilling and sawing line for high-volume steel production.



Production hall featuring CNC machinery in action with overhead crane systems.



N-EMEK CNC MACHINERY



Precision CNC system equipped with modern control panels and dual-function modules



Operator monitoring CNC drilling process in a controlled work environment





OUR PROJECTS ▶





HAMENIFA SCHOOL TEL AVIV



TZFAT ▼



APPLE HERZLIYA ▼



AMIRIGAN

HEDERA ▼



ORANEEM OFFICE BUILDING ▼ JERUSALEM



STOCHI

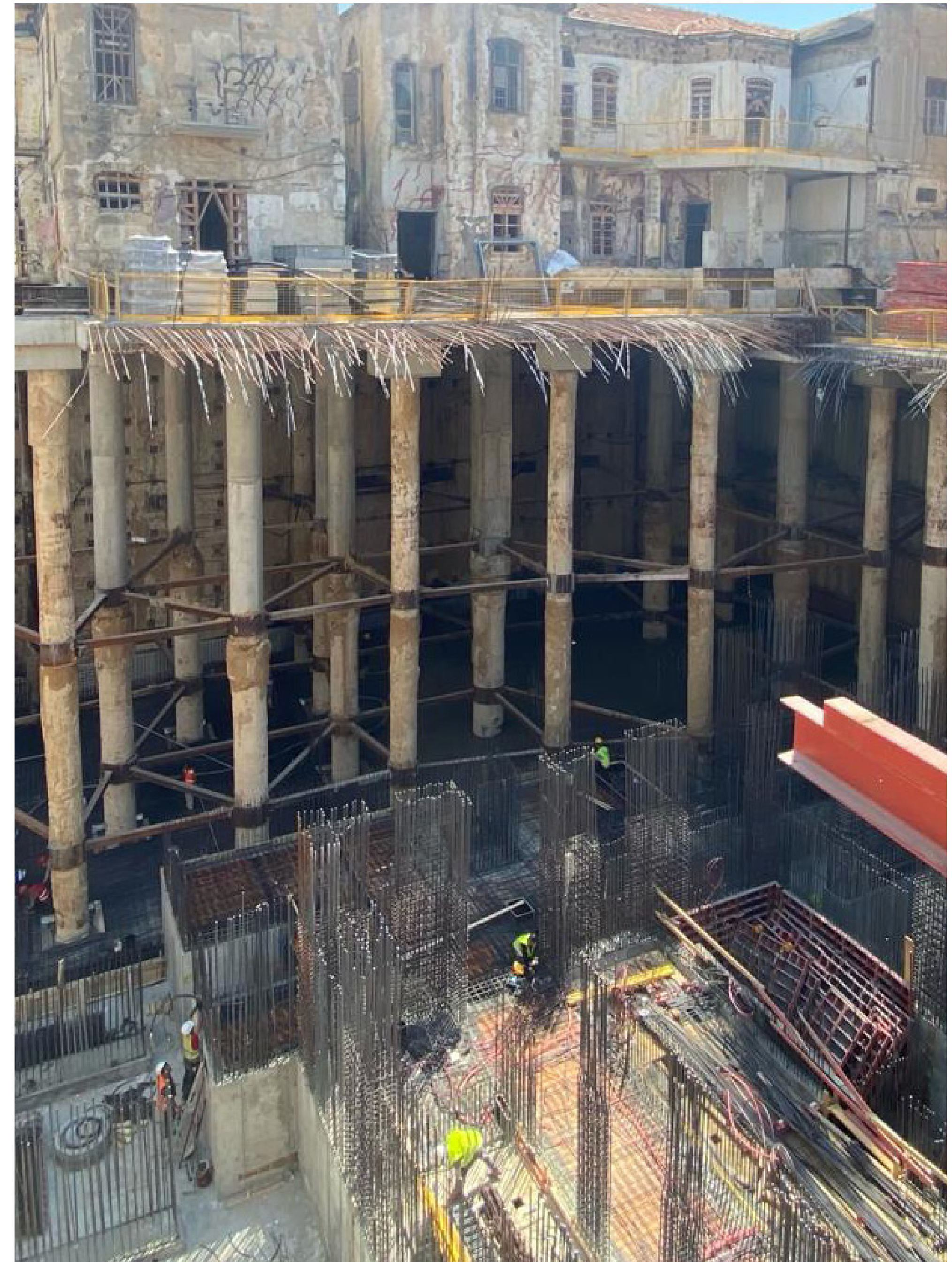




**TZEMACH
TIBERIAS**



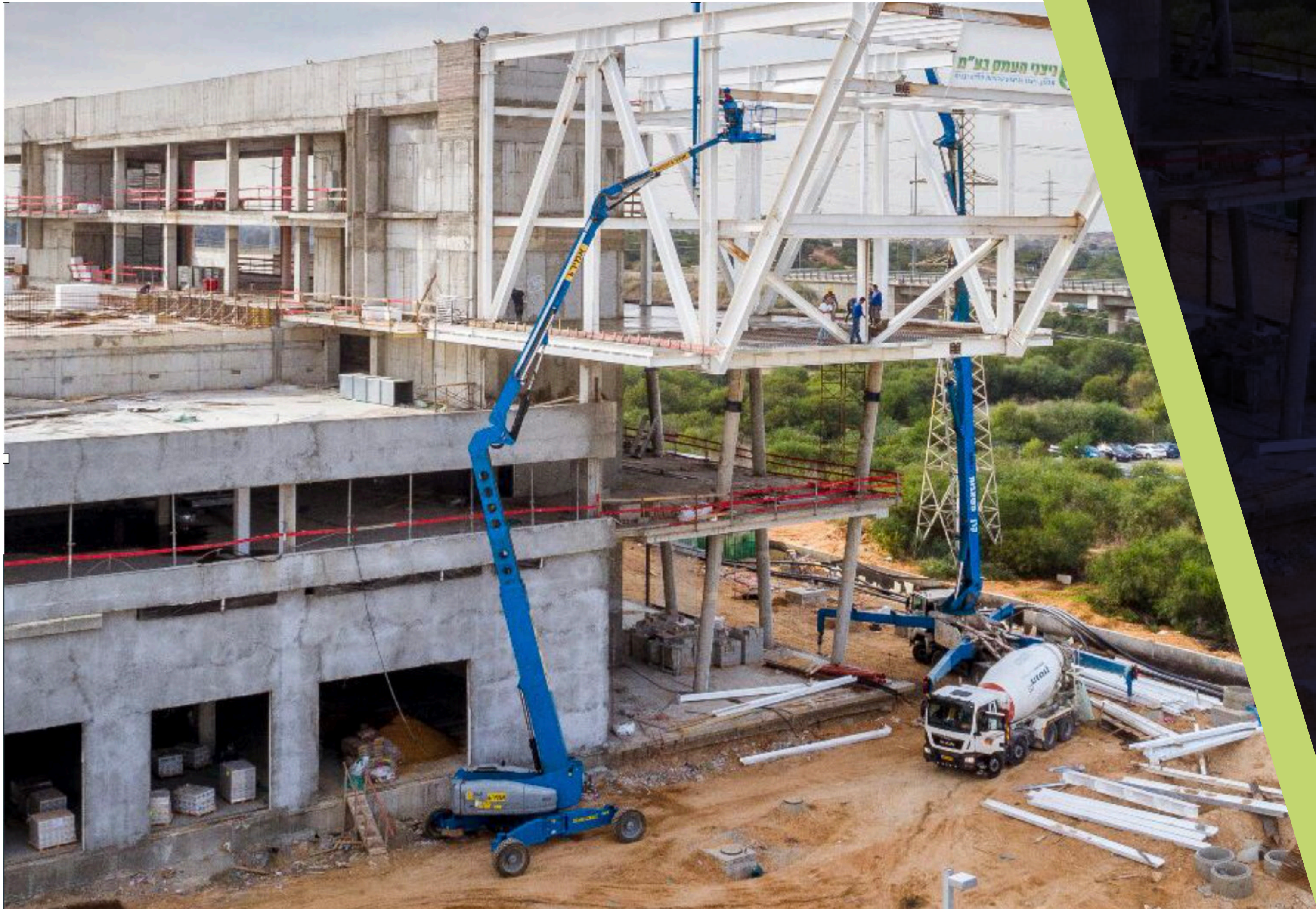
ROTSHIELD ▲ TLV





►
**HAEEMEK
AFULA
HOSPITAL**

MACHSHURI TNUA ▼





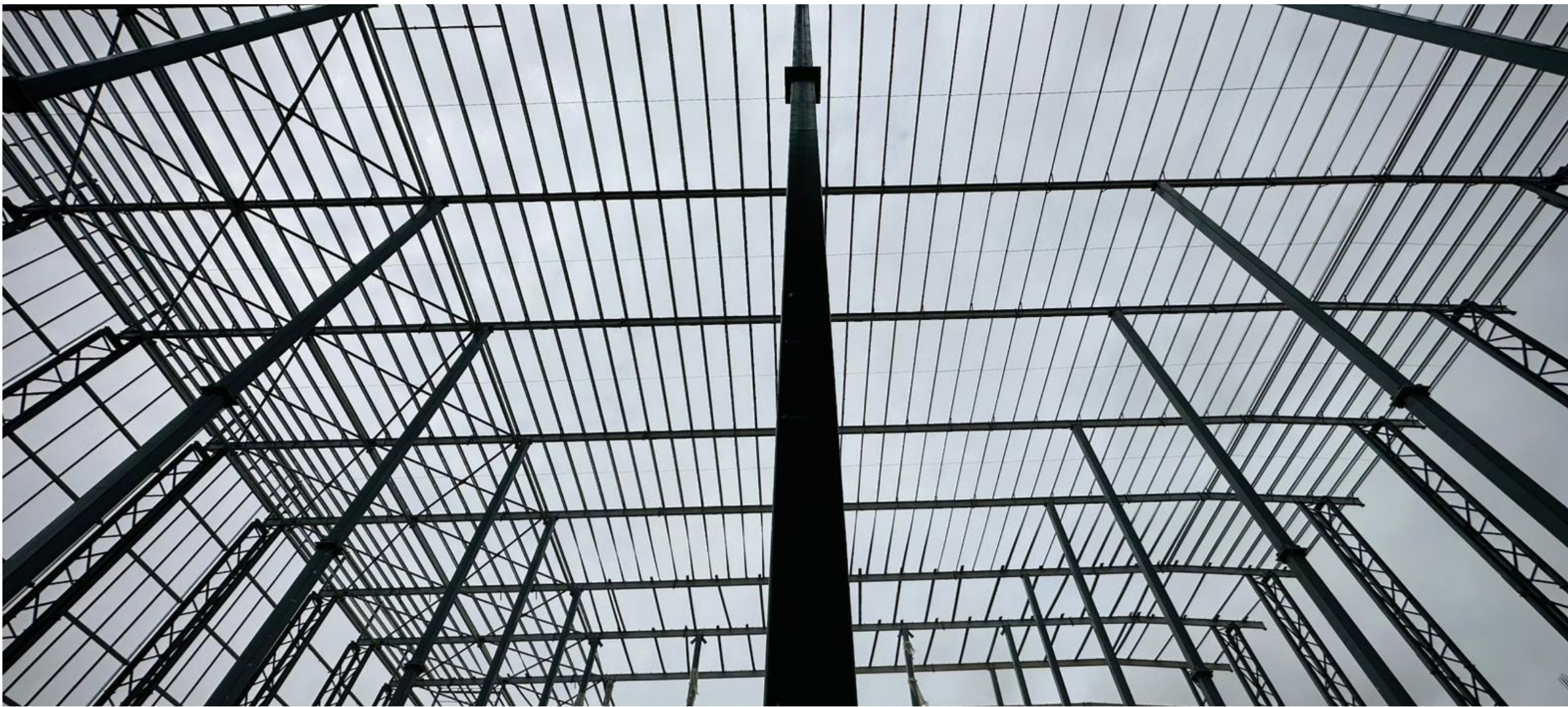
ECO TOWER

2025

Winning award
the most
advanced
structure in Israel



 **FOX**
LOGISTICS

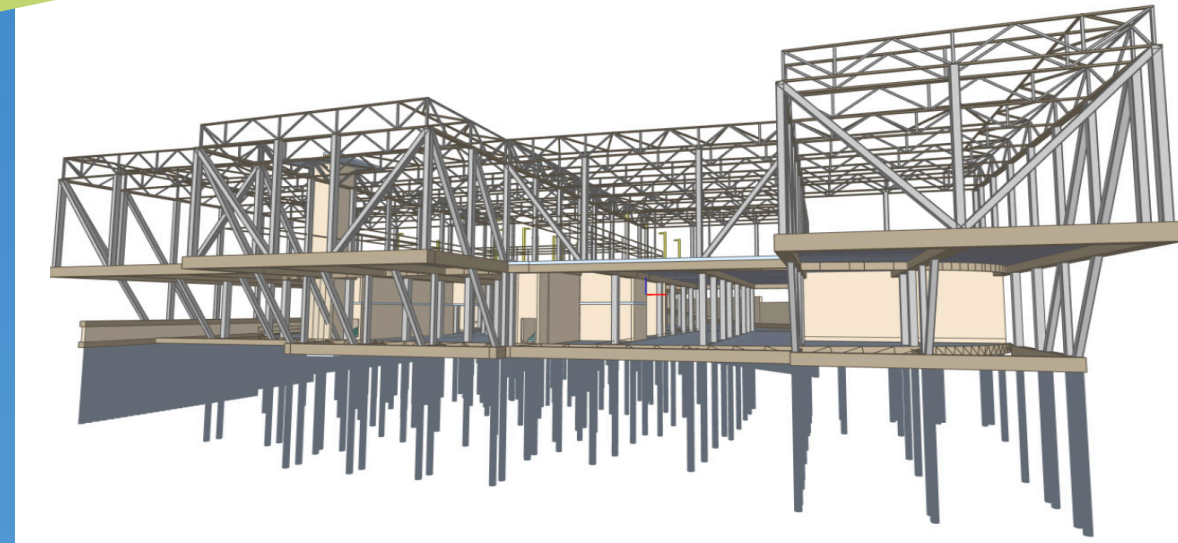
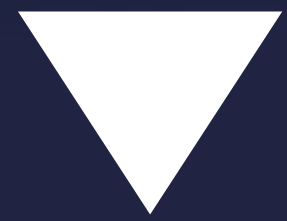


BEIT
SHEMESH

ZICHRON YAAKOV HOTEL ▶



TENNISE PROJECT JERUSALEM



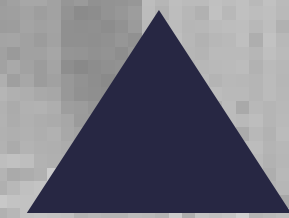


ADVANTAGES OF STRUCTURAL STEEL FOR ADDITIONAL ON EXISTING BUILDING ▼

- ▶ Less foundation sizes due to less loads reactions
- ▶ Light weight structure
- ▶ Can fit with any location of existing columns or supporting wall
- ▶ Many solutions for connecting with the existing concrete or steel building
- ▶ Providing more space for changing the layout
- ▶ Providing more space for adding cantilevers
- ▶ Provide wide spans
- ▶ Can fit with any architectural shape
- ▶ Faster in installation
- ▶ Sustainable material
- ▶ More flexible for any future changes

REQUIREMENTS ▶

- ▶ Design loads and criteria to be considered.
- ▶ Building services that shall be constructed to be considered in the layout of the beams.
- ▶ Existing of shear walls or concrete core will be more economical and valuable for resisting the transfer loads. Accurate as made for the existing structure.
- ▶ Interface with cladding companies for connection with the outer cladding and the final elevations required. Proper planning for the installation steps which will affect the fabrication sequences.
- ▶ Proper logistic plan for fast installation.
- ▶ In some cases, we need to do design for erection as per the requirements and the site conditions for installation.

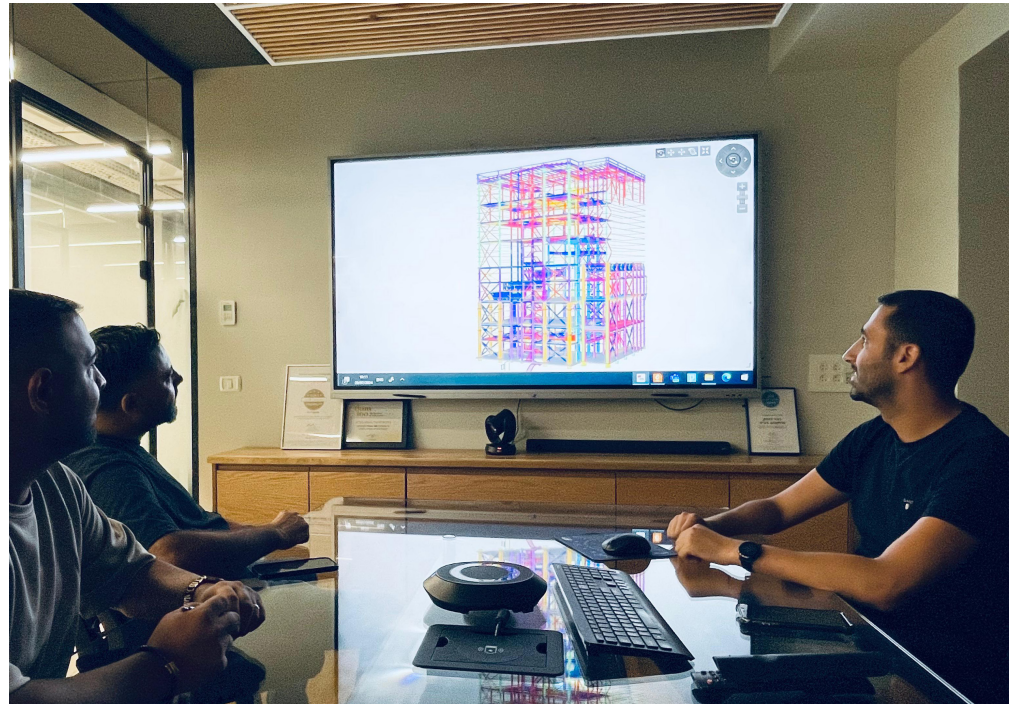


With deep appreciation for metalworkers
Then and now.

N.emek

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