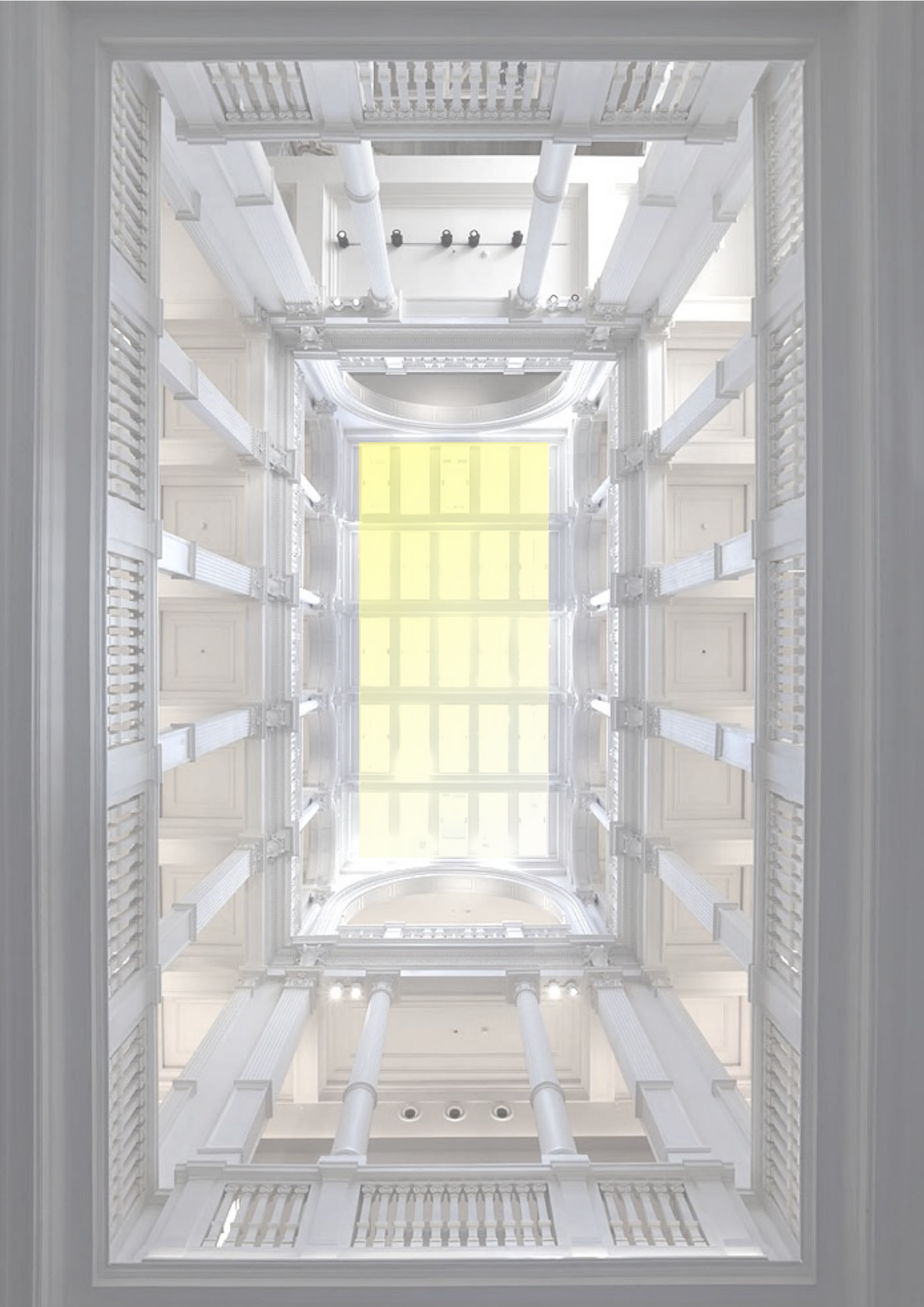
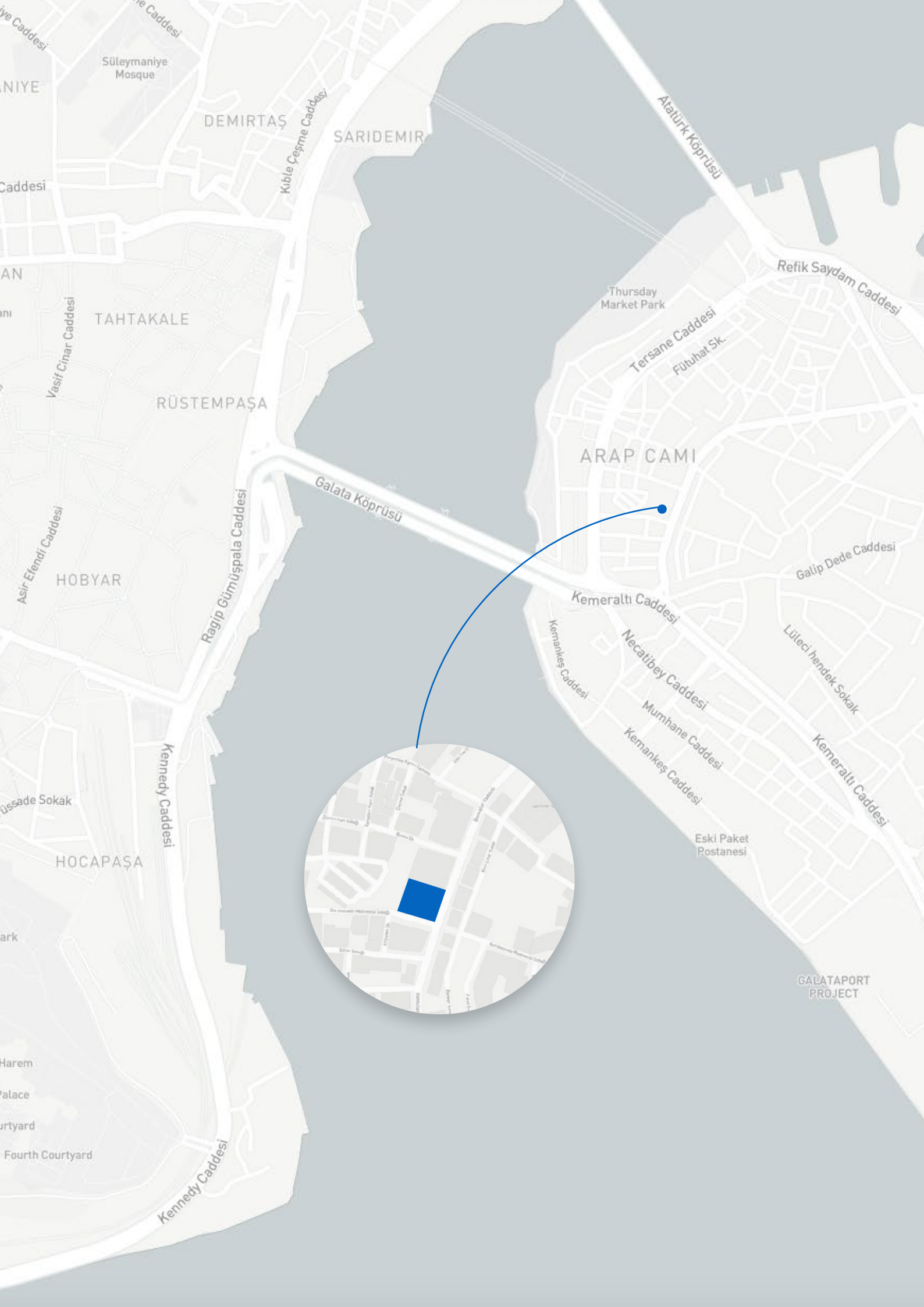
JVL STUDIO

DAYLIGHT STUDIES

CULTURAL CENTER - ISTANBUL




Süleymaniye Mosque
DEMIRTAŞ
SARIDEMIR
Kible Çeşme Caddesi
Atatürk Köprüsü
Refik Saydam Caddesi
Thursday Market Park
Tersane Caddesi
Fütuhat Sk.
TAHTAKALE
Vasif Çınar Caddesi
RÜSTEMPAŞA
ARAP CAMI
Galata Köprüsü
Asir Efendi Caddesi
HOBYAR
Ragıp Gümüşpala Caddesi
Galip Dede Caddesi
Kemeraltı Caddesi
Kemankeş Caddesi
Necatibey Caddesi
Lüleci Hendek Sokak
Mumhane Caddesi
Kemankeş Caddesi
Kemeraltı Caddesi
Kennedy Caddesi
HOCAPAŞA
Eski Paket Postanesi
GALATAPORT PROJECT
Kennedy Caddesi
Harem
Palace
Fourth Courtyard

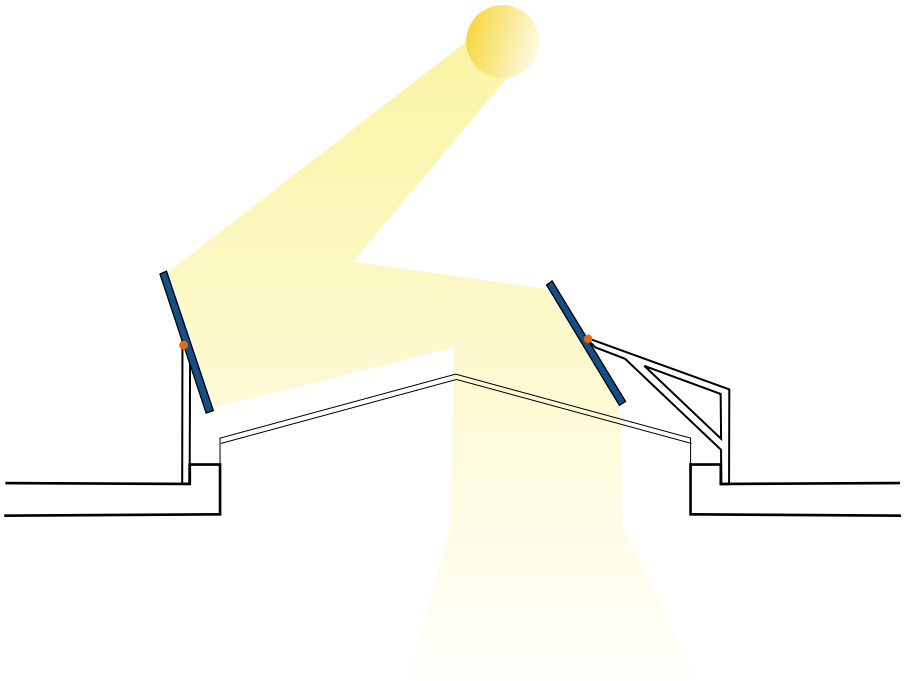
Central core of Old Ottoman Bank building had a plexiglass ceiling and behind that there was just artificial light. There was no daylight coming through the roof. We decided to open it to get real daylight come in.

Picture of the roof before the renovation.

Daylight coming through the library.

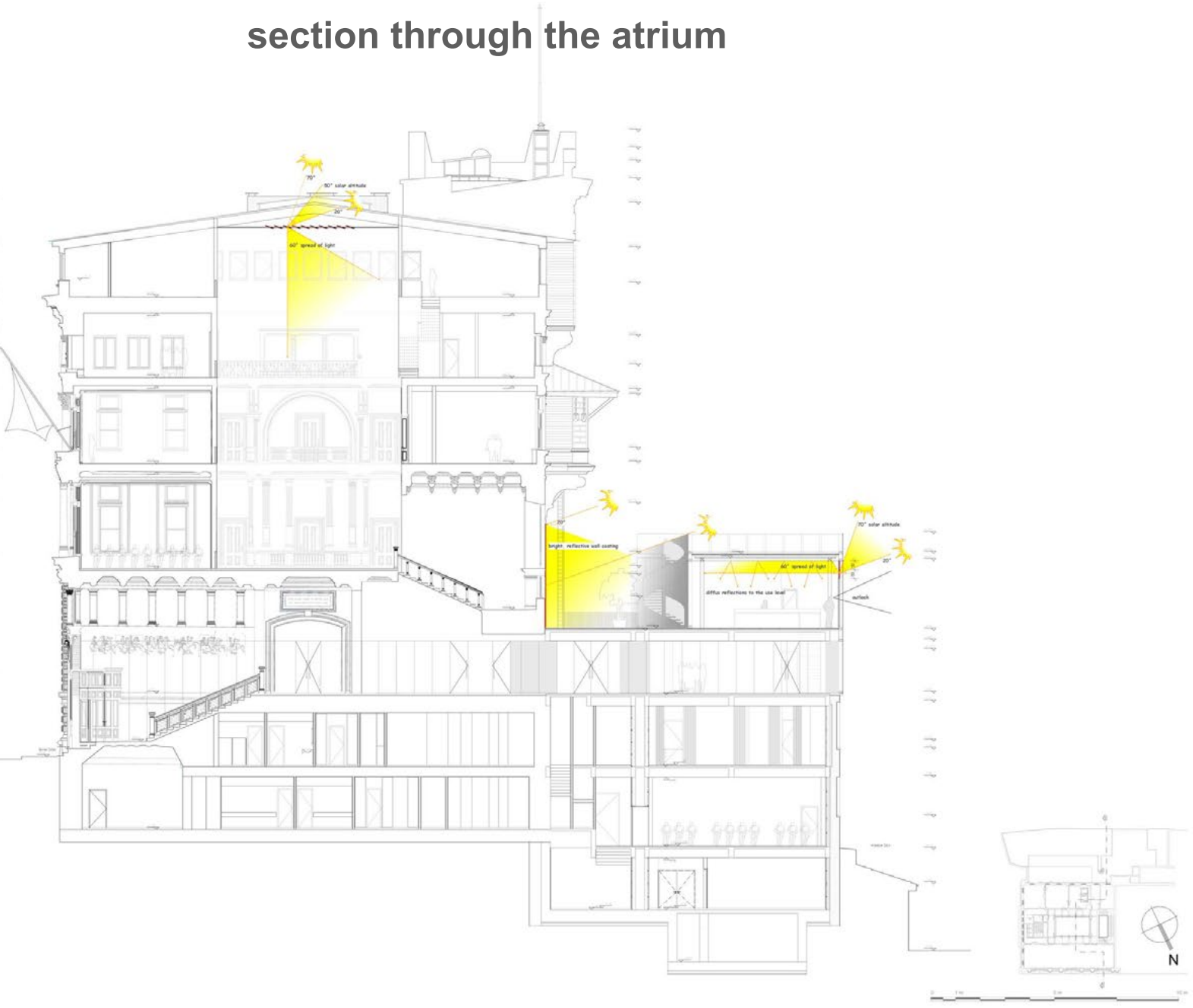
Sustainability

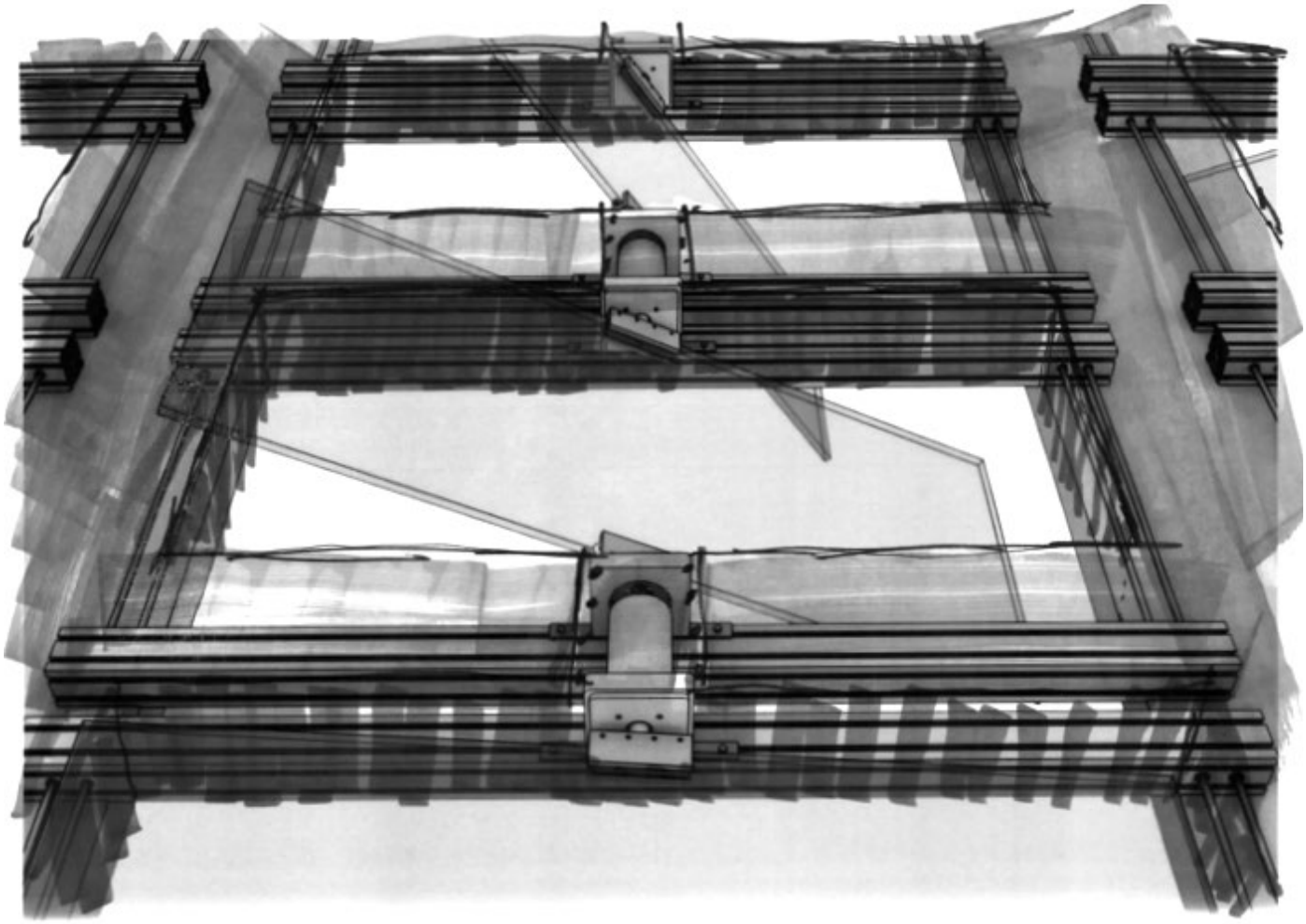
- use of natural sources and integration in the building design



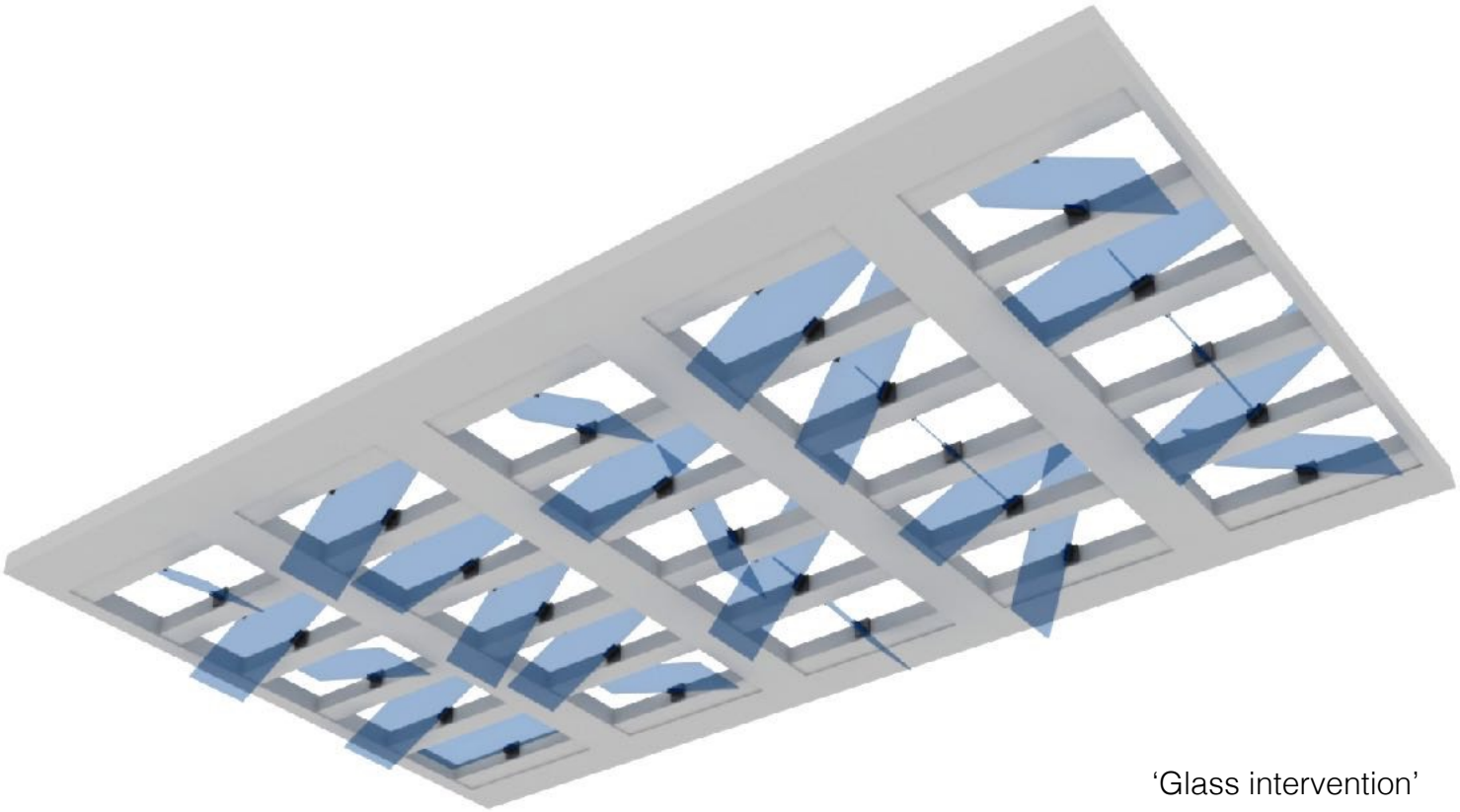
A **heliostat** is an apparatus containing a movable or driven mirror, used to reflect sunlight in a fixed direction. As the sun moves across the sky, a heliostat makes small adjustments to the position of a mirror in order to keep reflected light on a target. The larger the mirror mounted on the heliostat, the more energy and light is delivered to the target.

section through the atrium

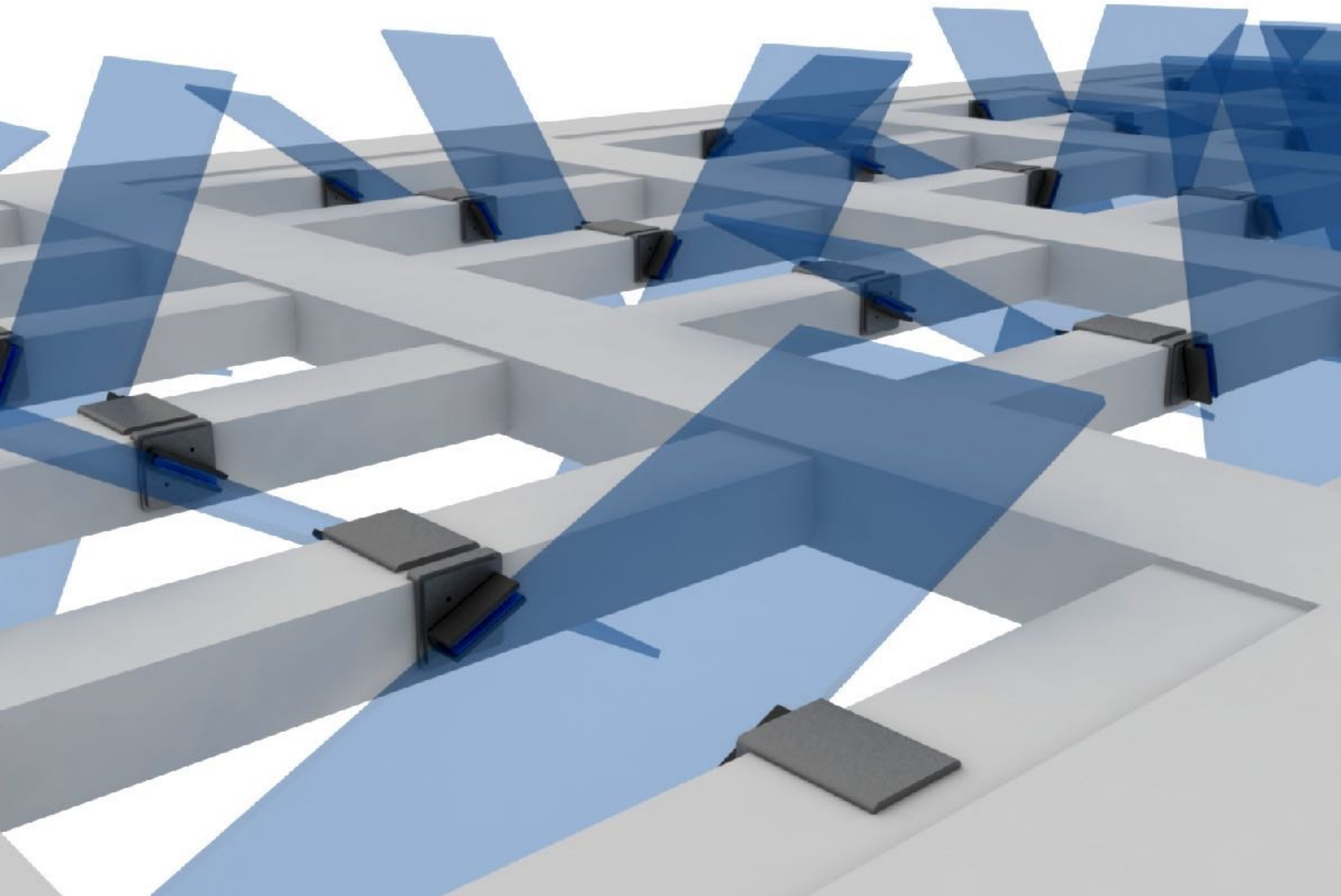




Sketch of the reflective glass



‘Glass intervention’



Installation of the heliostats.

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