

**YOAV
RONAT**

PORTFOLIO

Profile

Design Manager

Yoav is a multi-disciplinary architectural Design Manager with significant practice and team management experience, proficient in computational design and digital fabrication, working as a freelance designer and consultant for the private and public sectors. Between 2018-2022 he was working in London for LABS, a company developing flexible workplace and hospitality spaces. As a lead interior architecture, BIM and client design manager, he was leading a team of architects overseeing the design and construction of several co-working spaces in central London.

Between 2014-2018, Yoav was working as an architect and computational design lead at the award-winning Kimmel Eshkolot Architects firm in Israel. In 2016 he co-founded a parametric design and educational practice which led numerous professional workshops and educational events. He has been a guest lecturer in various academic institutions including Bezalel School of Architecture and Tel Aviv University.

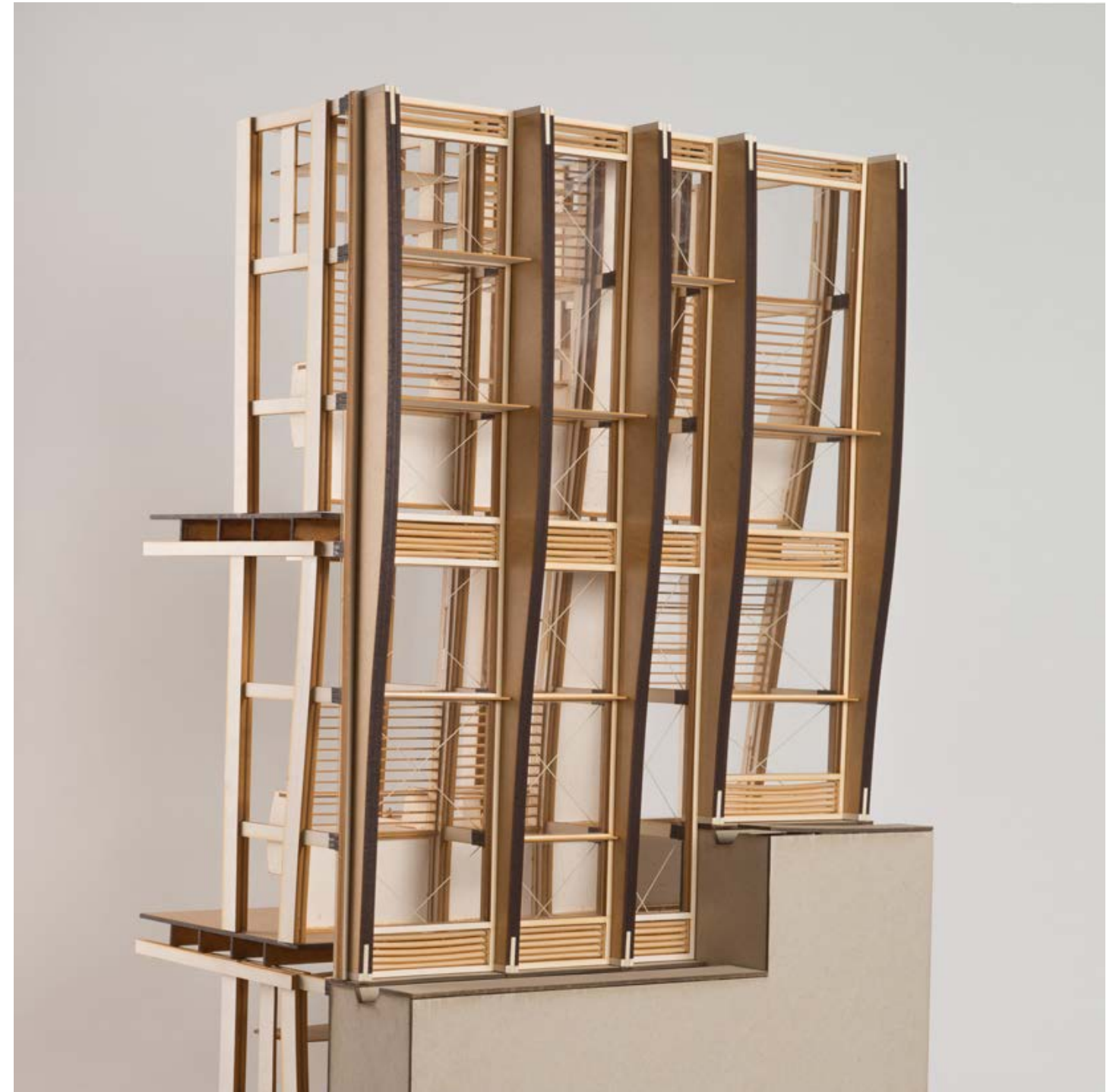
Yoav holds a B.Arch degree from the Azrieli School of Architecture at Tel Aviv University. His senior thesis project was nominated for the prestigious David Azrieli Prize for exceptional academic architecture projects of the year, and his Digital studio project was nominated for the Tel Aviv university best project of the year prize, issued by the Shacar Ziv memorial foundation. He was also awarded four certificates of excellence in Urban design, Residential, Digital design and Thesis project studios, issued by the David Azrieli School of Architecture.

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(1) Grove Park The Co-Working space's envelope detail

Victoria House | Bloomsbury square, London, UK

By LABS

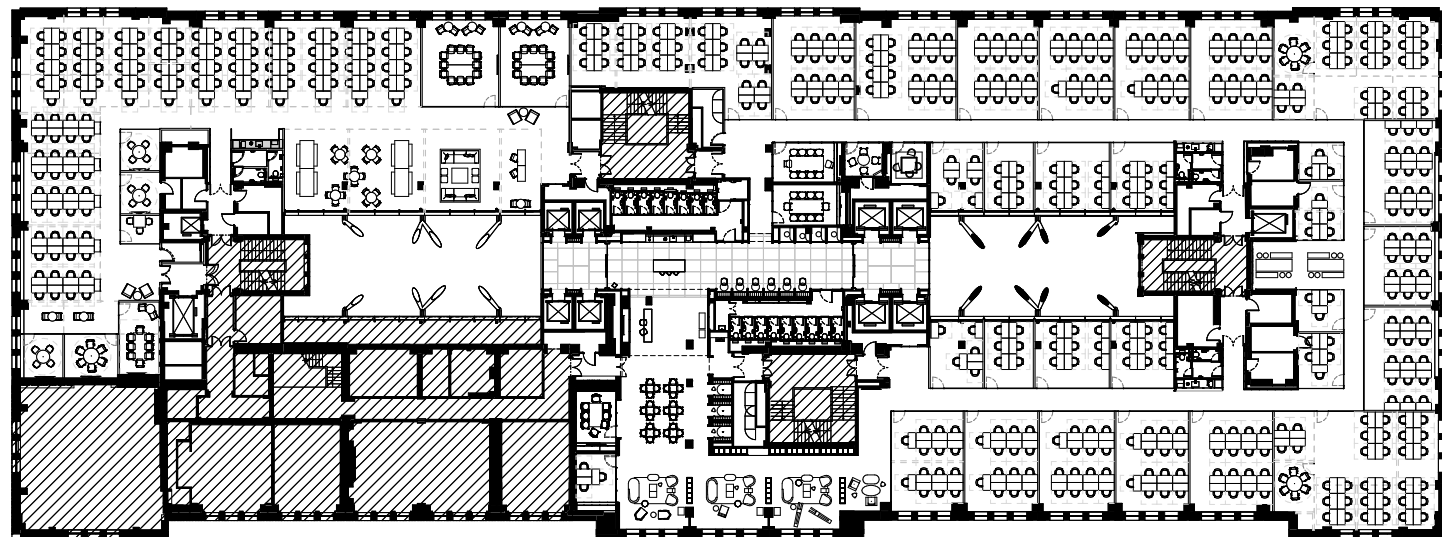
7 floors of office interior fit out, 2019-2020 (Under construction), 141K sqft.

Positioned in the heart of Holborn, Victoria House is set to be LABS' most audacious venture yet – the largest and most impressive workspace to open in central London in 2020. After sensitive restoration, introducing the LABS' signature aesthetic and considered design, this Grade II listed building will become a peerless contemporary environment for companies and their people to thrive. Offering high quality and modern office spaces, Victoria House will boast a flexible floorplate design suitable for teams of all sizes; from the ambitious individual to the global corporation.

Project Architects: Yaara Gooner, Yoav Ronat, Kenny Teh, Hutchinson & Partners, LABS design team.

Role on project: Lead architect in charge of space planning, programming and concept design development, following a full project delivery coordination while collaborating with internal and external teams, consultants and suppliers (Riba stages 1-7).

For more info please visit the site: <https://labs.com/location/victoria-house/>



(1)

(1) 4th floor layout A plan showing SMEs on the right side and a large Suite on the left top corner



(2)



(3)



(4)

(2-3) Central Axis A view of the main tea point and booths (4) Communal lounge A view of the lounge



(1)



(2)



(3)

Hawley Wharf | Camden Town, London, UK

By LABS

4 office floors and ground floor reception interior fit out, 2019 (Completed), 57K sqft.

Hawley Wharfs' floorplates give flexibility and are able to create communal spaces for Roaming members, as well as small private offices, right up to whole floors for Enterprise clients. Including breakout lounges, kitchenettes and meeting rooms.

Project Architects: Yaara Gooner, Yoav Ronat, Kenny Teh, BJD Architects, LABS design team.

Role on project: Lead architect in charge of space planning, programming and concept design development, following a full project delivery coordination with external consultants up to stage 5 (Riba stages 2-5).

For more info please visit the site: <https://hawleywharfcamden.com/>



(1)

(1) Block D Ground floor Co-Working A view of the reception, SMEs and lounges



(2)



(3)

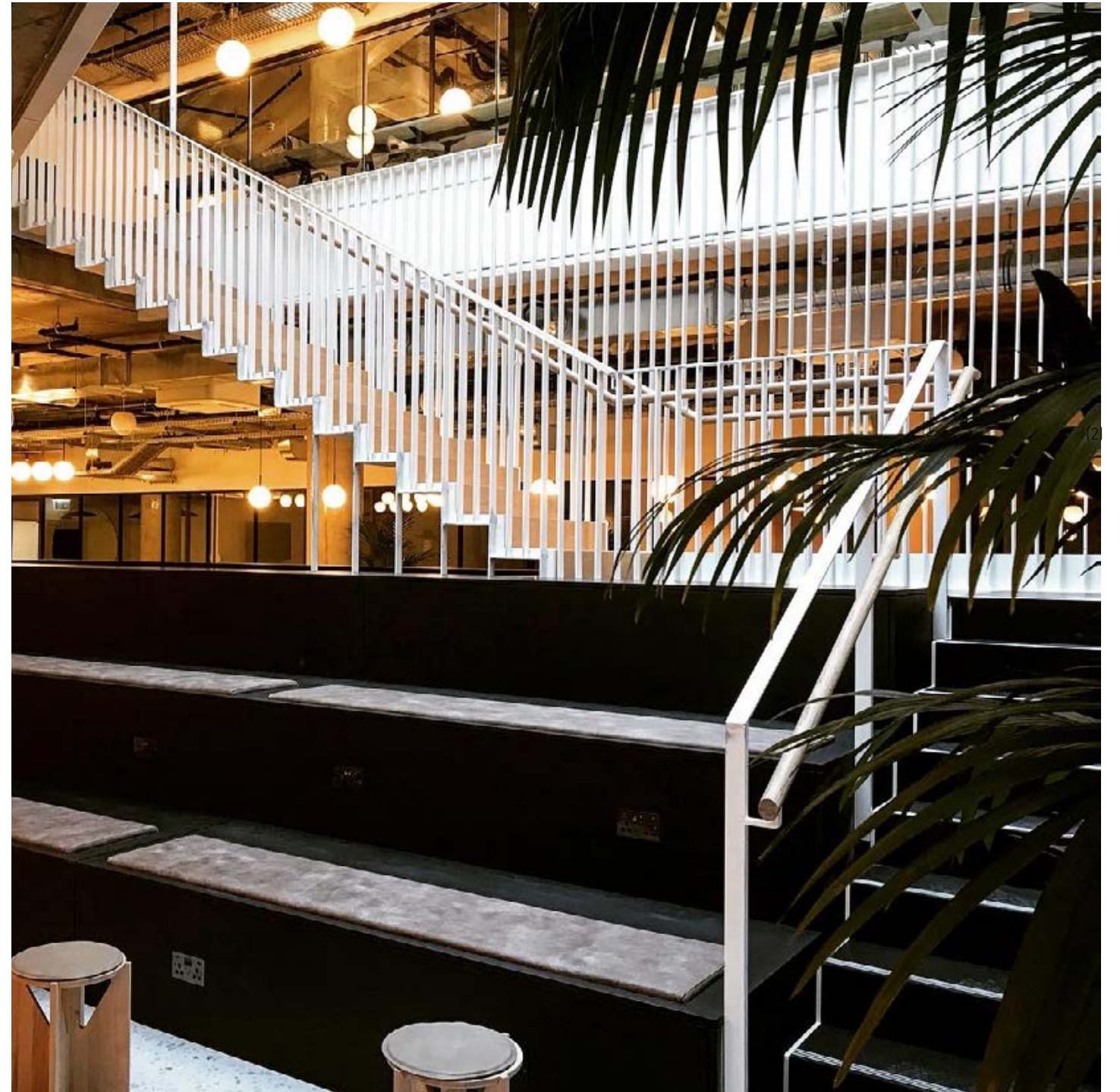
(2) Communal lounge A view of the hot desk and dining area (3) Stairs to LGF A detail view of the bespoke stairs, Photos by Yoav Ronat



(1)



(2)



(3)

90 High Holborn | Holborn, London, UK

By LABS

3 office floors, ground floor reception & restaurant interior fit out, 2019 (Completed), 60K sqft.

A few minutes walk away from Holborn station, 90 High Holborn boasts 9 floors of beautifully-designed interiors and features, a variety of workspaces, event space, and meeting rooms.

Project Architects: Yaara Gooner, Yoav Ronat, Hutchinson & Partners, LABS design team.

Role on project: Lead architect in charge of a full project delivery coordination while collaborating with internal and external teams, consultants and suppliers (Riba stages 3-7).

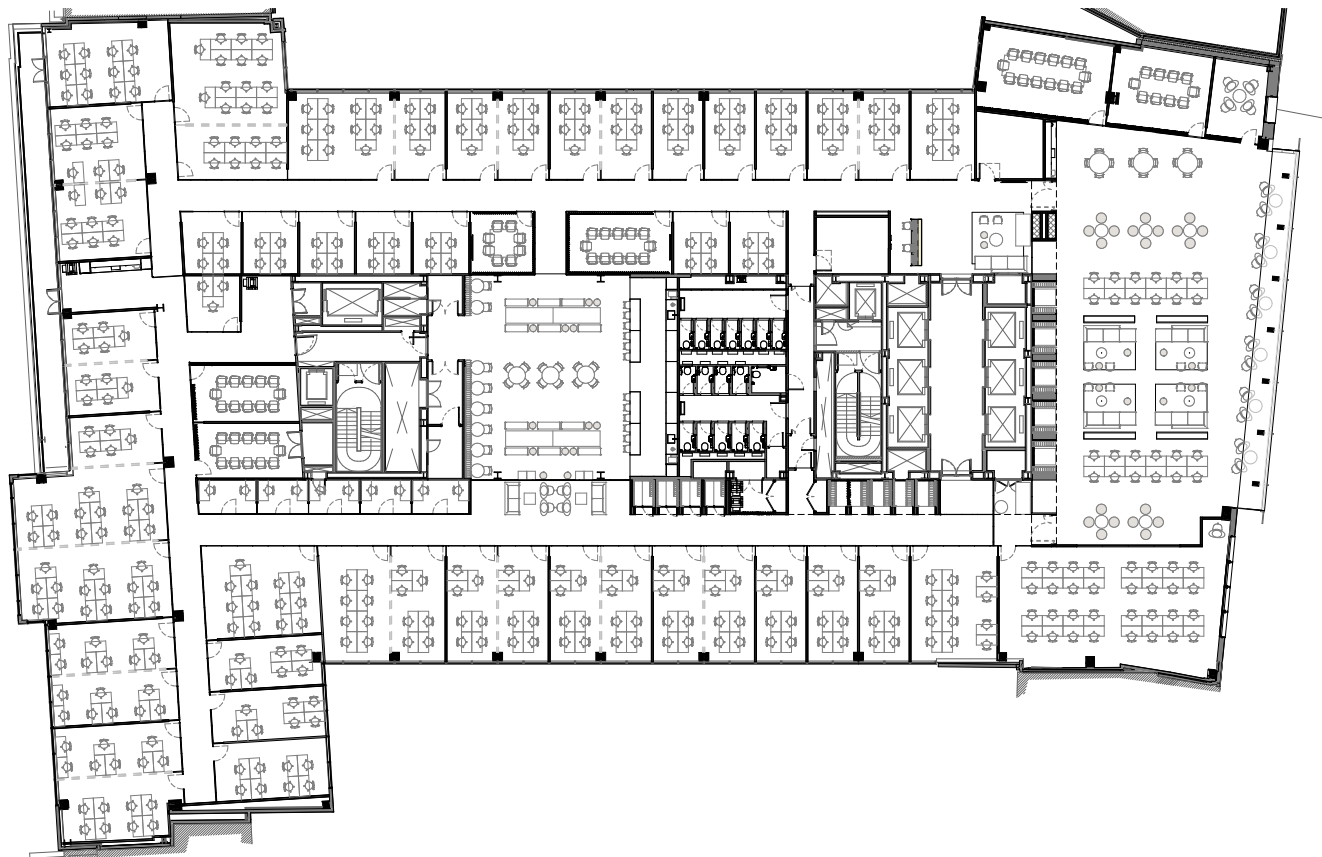
For more info please visit the site: <https://labs.com/location/labs-90-high-holborn/>



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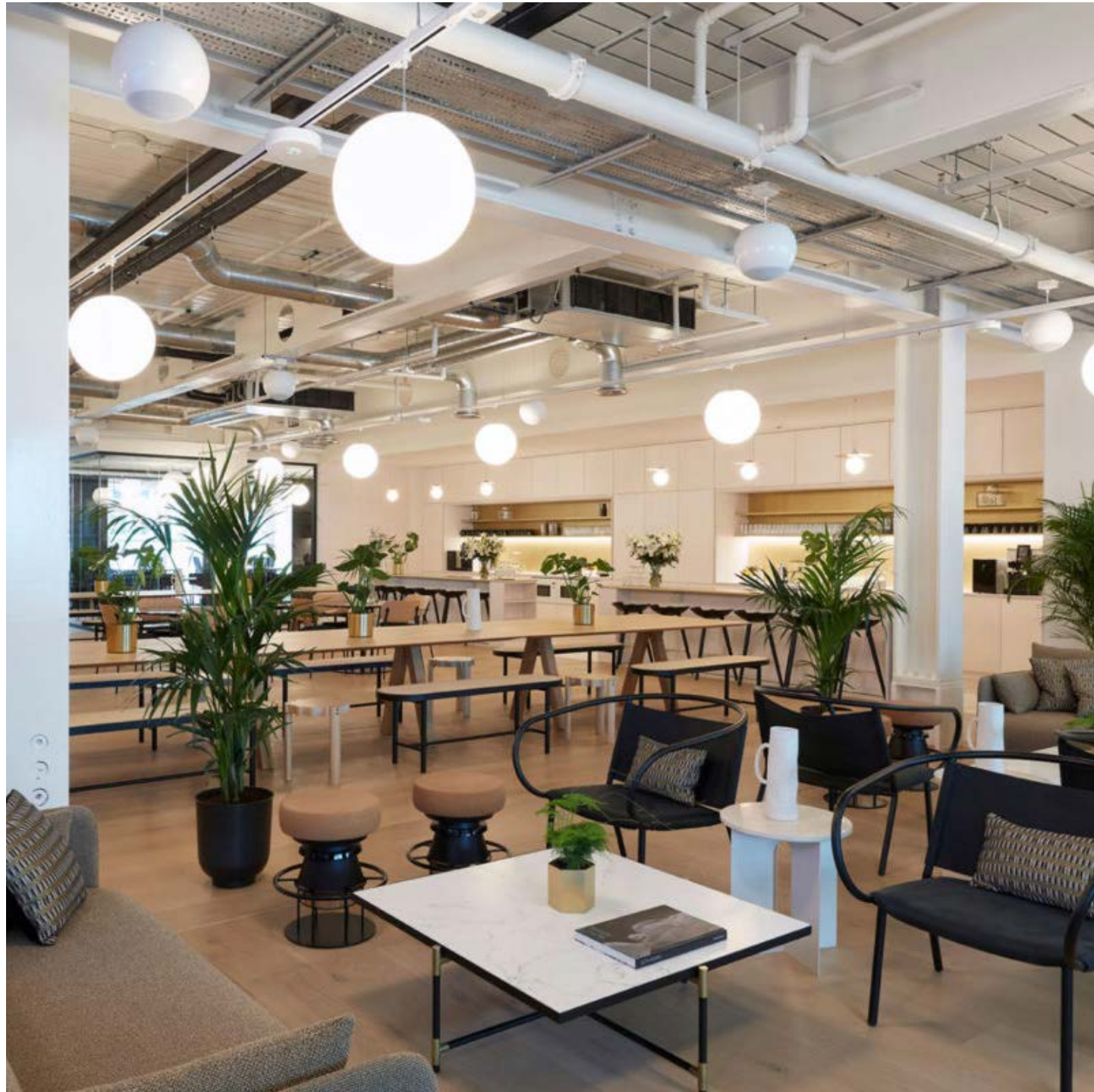
[3]



[1]

[1] 4th floor layout A view of the floor reception, SMEs and lounges

[2] Main lounge A view of the arched booths and salons [3] Entrance lobby & cafe A view of the main reception and cafe, photos by Henry Woide



(1)

(1) Dining area A view of the main tea point and dining area



(2)



(3)

(2) Holborn street facade A view of the curved facade (3) Private lounge A view of a client's private lounge and dining area

National Memorial | Mount Herzl, Israel

By Kimmel Eshkolot Architects

National Memorial Hall, 2017 (Completed), 32K sqft.

Mount Herzl Memorial Hall was excavated in the mountains of Jerusalem to form an intimate space for a personal and collective experience of commemoration. Above the hall, the mountain was reconstructed with an undulating funnel-shaped formation of bricks which opens the hall to the sky, flooding the void with natural light.

Kimmel Eshkolot Architects was selected by the Israeli Ministry of Defence to design the memorial in 2006. The key element to their design concept, apart from the space of the hall, was a 250 meter long continuous "Wall of Names" that wraps around the central sculptural brick structure. Following a spiral ramp up the memorial, the wall is built of 23,000 bricks, each individually engraved with the name of a fallen soldier, the date the soldier was killed and a candle to be lit on the anniversary of the soldier's death.

Project Architects: Etan Kimmel, Kalush Checkick, Limor Amrani & Yoav Ronat. Photos by Amit Geron.

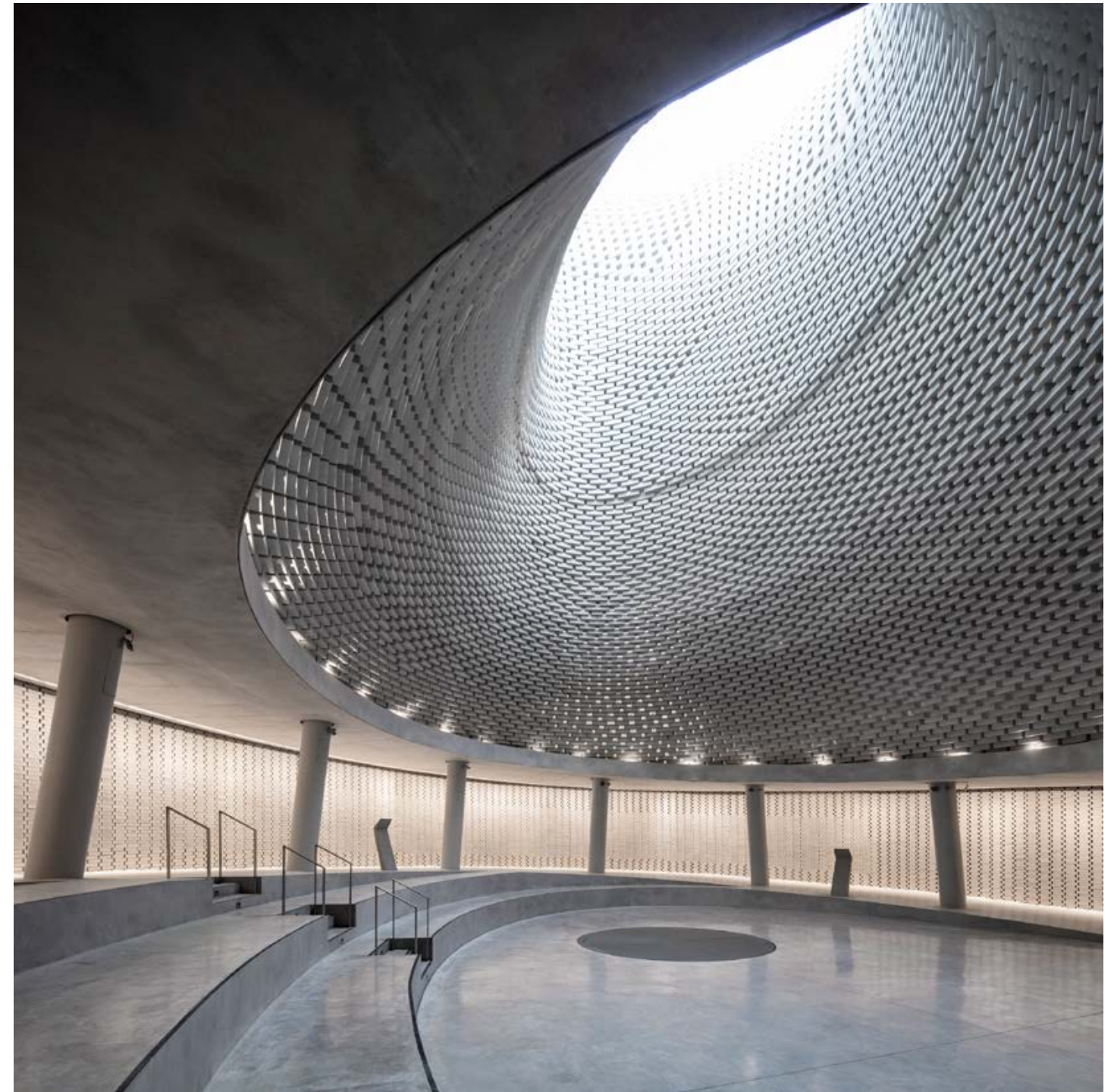
Role on project: Computational parametric design lead for digital fabrication and construction packages (Riba stages 4-5).

For more info please visit the site: <http://www.kimmel.co.il/projects/national-memorial-on-mount-herzl/>



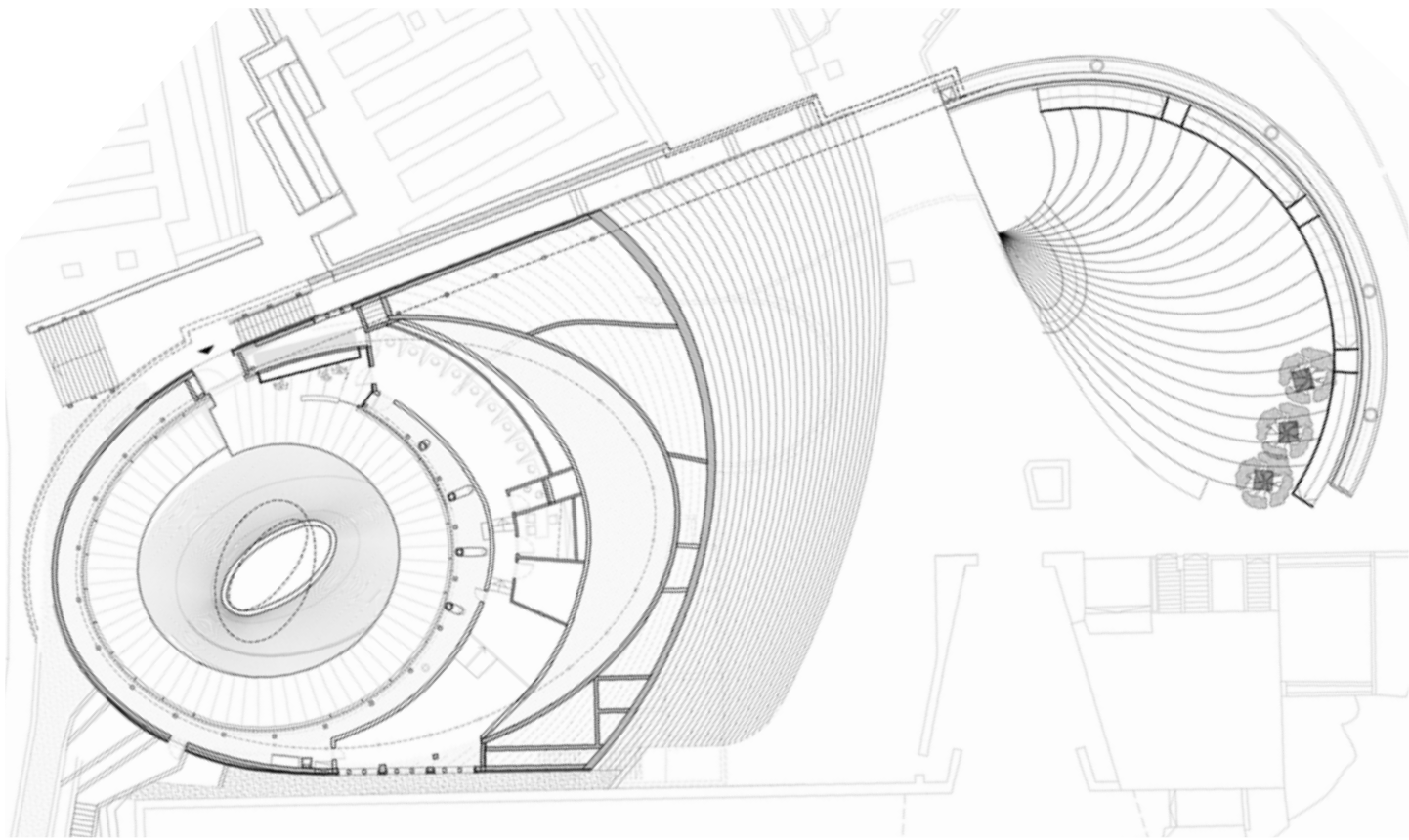
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(1) *The main Entrance* A view of the exterior envelope, photo by Amit Geron

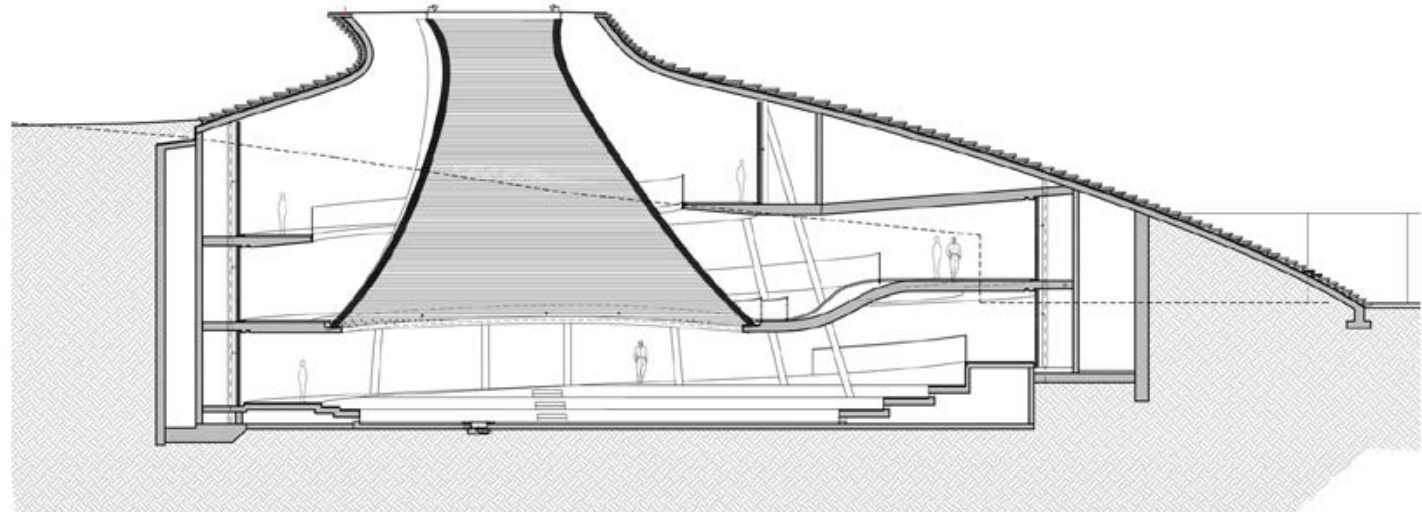


(2)

(2) *Ceremonial hall* A view of the staggered bricks funnel, photo by Amit Geron



(1)



(2)



(3)



(4)

Check Point Building | Tel Aviv University, Israel

By Kimmel Eshkolot Architects

School of Computer Science and the Unit for Science Oriented Youth, 2018 (Completed), 65K sqft.

The unique architectural language of this building aims to transcend the heavy materiality of buildings into the immaterial virtuality of computers and the digital world. The building will house both the School of Computer Science and the Unit for Science Oriented Youth, enabling them to function separately while sharing of the building's functions. The building, located at a central site on campus appears to be constantly changing from material to reflection, blending with the sky and clouds.

The design language is inspired by the image and vision of cloud computing and is meant to express the ideas inherent in this vision combined with sustainability. Expected for completion in the Summer of 2018.

Project Architects: Etan Kimmel, Omri Ron, Limor Amrani & Yoav Ronat.

Role on project: Computational parametric design for digital fabrication and construction packages (Riba stage 4).

For more info please visit the site: <http://www.kimmel.co.il/projects/check-point-building/>



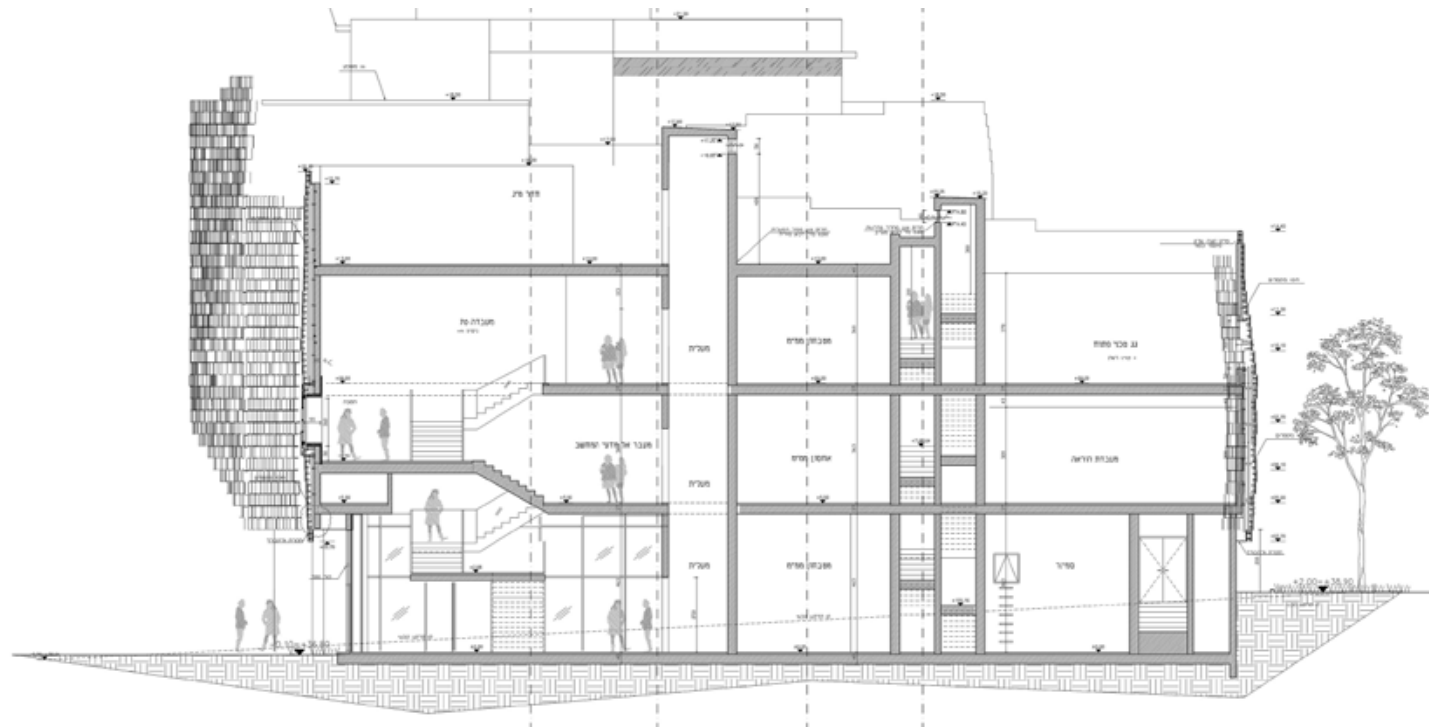
(1)

(1) The west facade A long shot view of the curved facade modeling



(2)

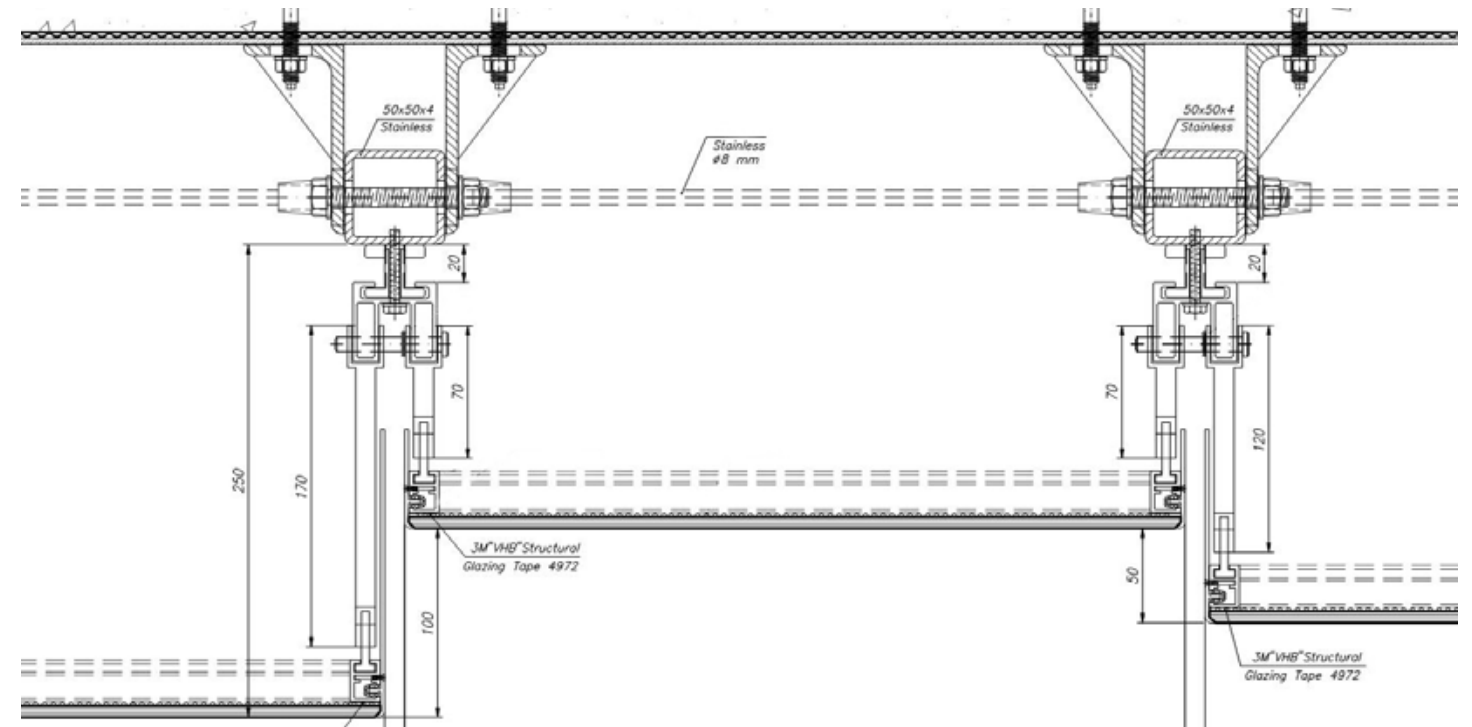
(2) The Ground Floor Passage A view of the open ground floor under the pixel facade



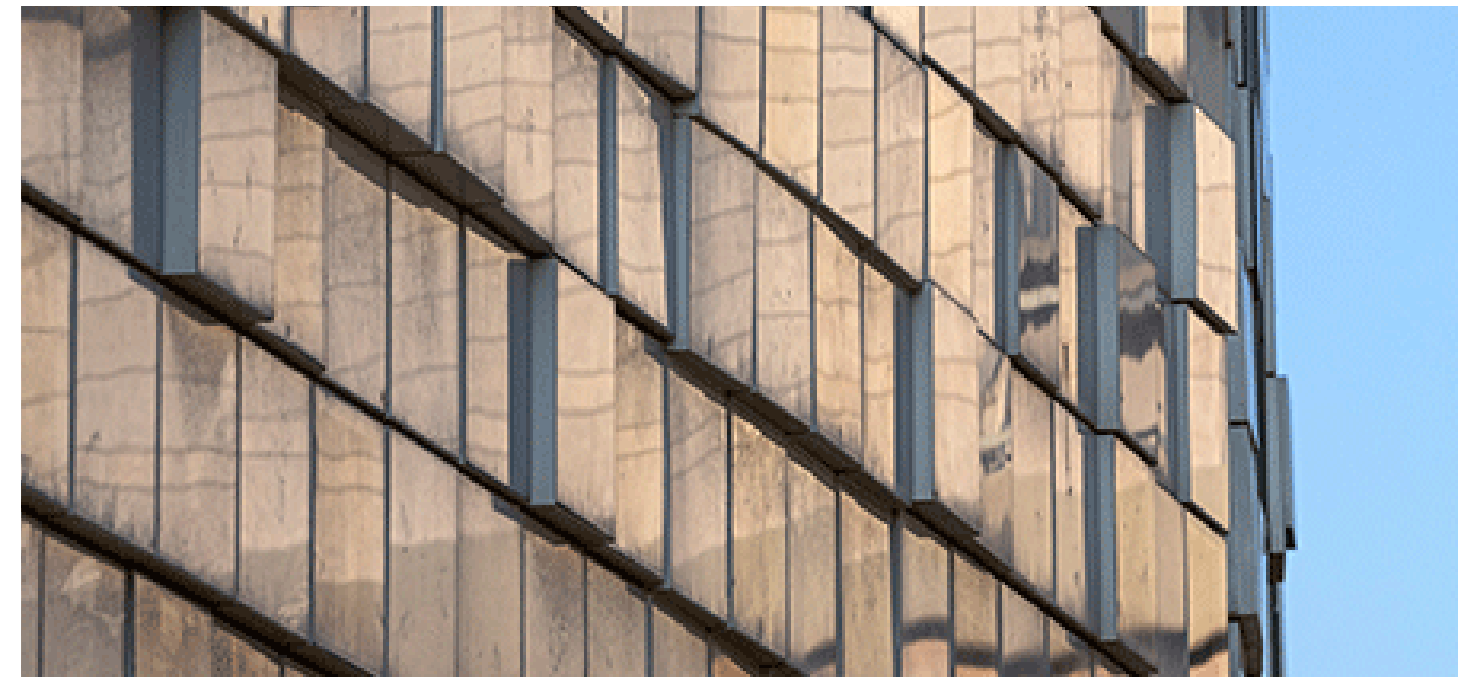
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(4)

Startup Nation Central | Tel Aviv, Israel

By Kimmel Eshkolot Architects

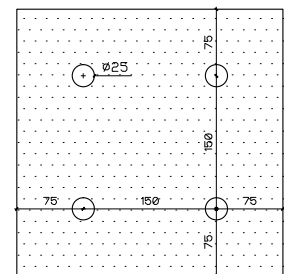
7 floors of office interior design fit out, 2018 (Completed), 32K sqft.

The building is a cutting-edge small free-standing office building well located in the Rothchild district of Tel Aviv. The three main functions of the building are the headquarters of Start-Up Nation Central - SNC headquarters, Israel's gateway to innovation, an event/conference centre, and the City of Tel Aviv visitor centre.

The program: Ground floor- Restaurant and reception. 1st floor space for sublet/ accelerator/incubator space. 2nd and 3rd floors- office space for Start-Up Nation Central Headquarters. 4th floor- event space with an auditorium, meeting rooms and a terrace. 5th floor- event space with meeting rooms, and a workspace. -1 level- the visitor centre, cinema, exhibition, service, leisure etc.

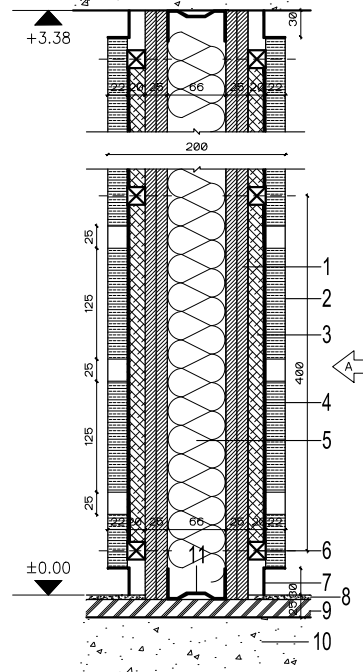
Project Architects: Etan Kimmel, More Gelfand, Limor Amrani & Yoav Ronat.

Role on project: Stage 4-5 drawings, detailing, joinery and ironmongery design, and exterior consultants coordination (Riba stages 4-6). For more info: <https://www.kimmel.co.il/projects/start-up-nation-central/>

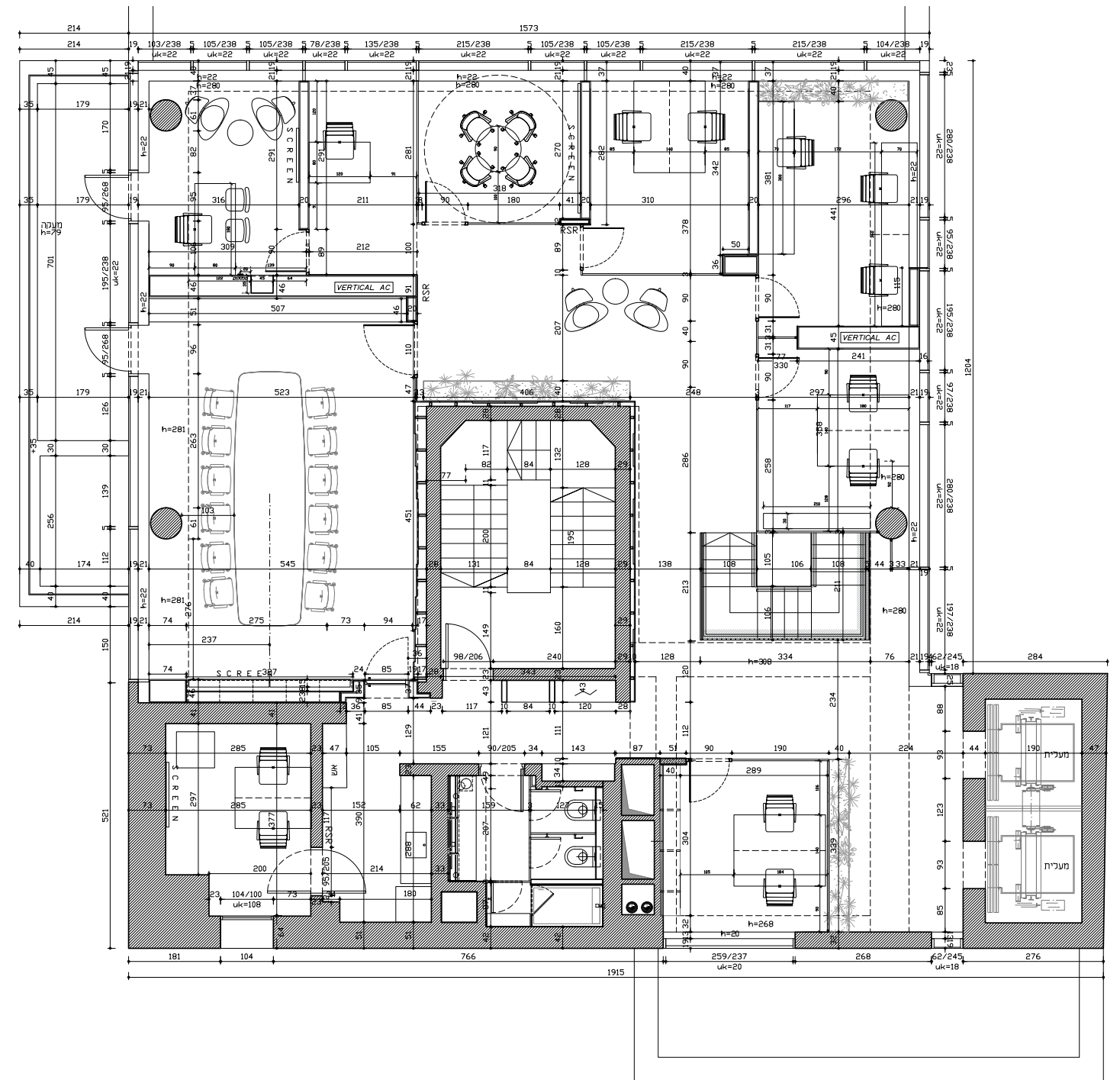


View A – Acoustic Perforated Pegboard

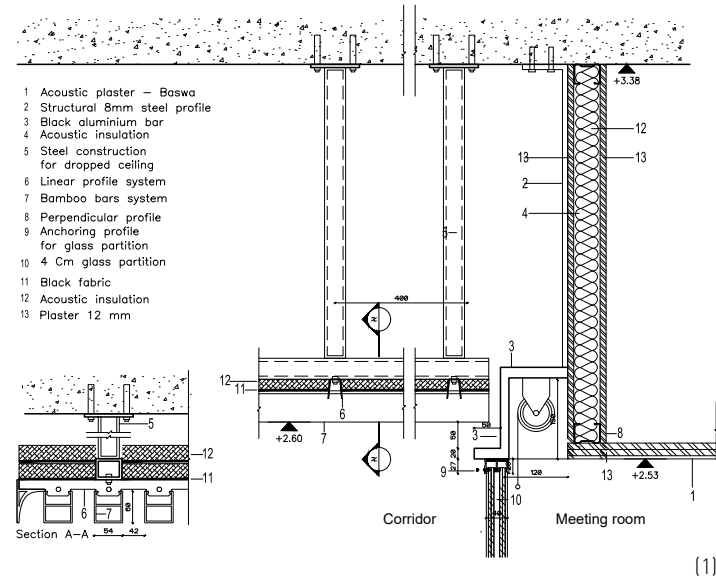
- 1 Plaster 12 mm
- 2 Pegboard
- 3 Acoustic insulation
- 4 Black fabric
- 5 Acoustic insulation
- 6 Linear profile system
- 7 Aluminium profile
- 8 Micro topping
- 9 Base flooring
- 10 Concrete
- 11 Perpendicular profile



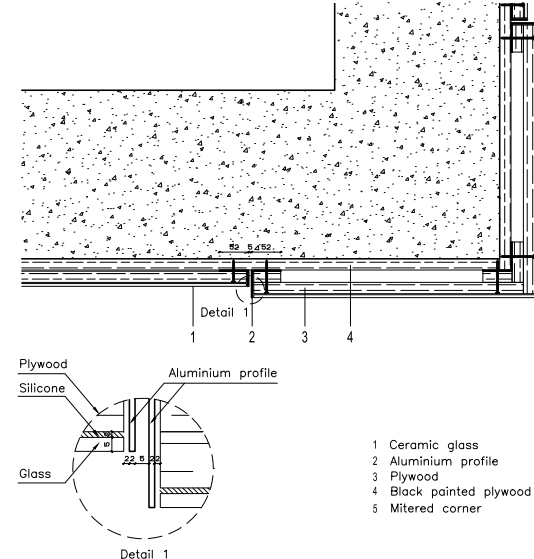
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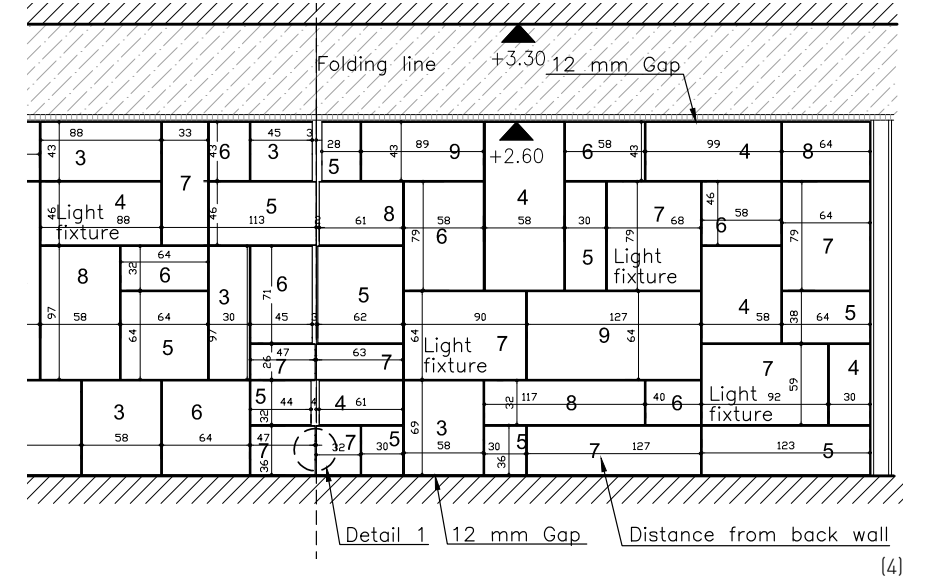
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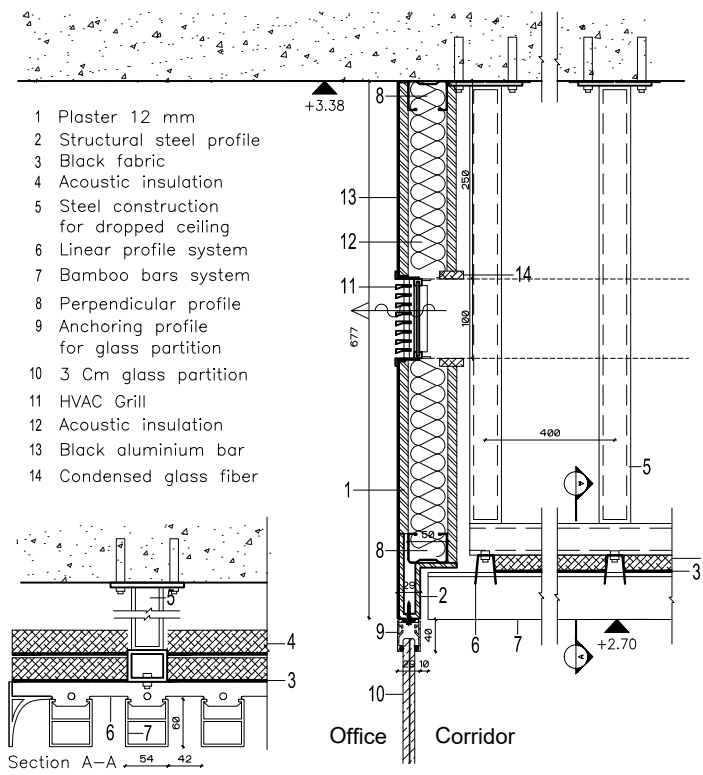
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Detail 1



(4)



Office Corridor

Section A-A 54 42



(2)



(3)

L28 Culinary Platform | Tel Aviv, Israel

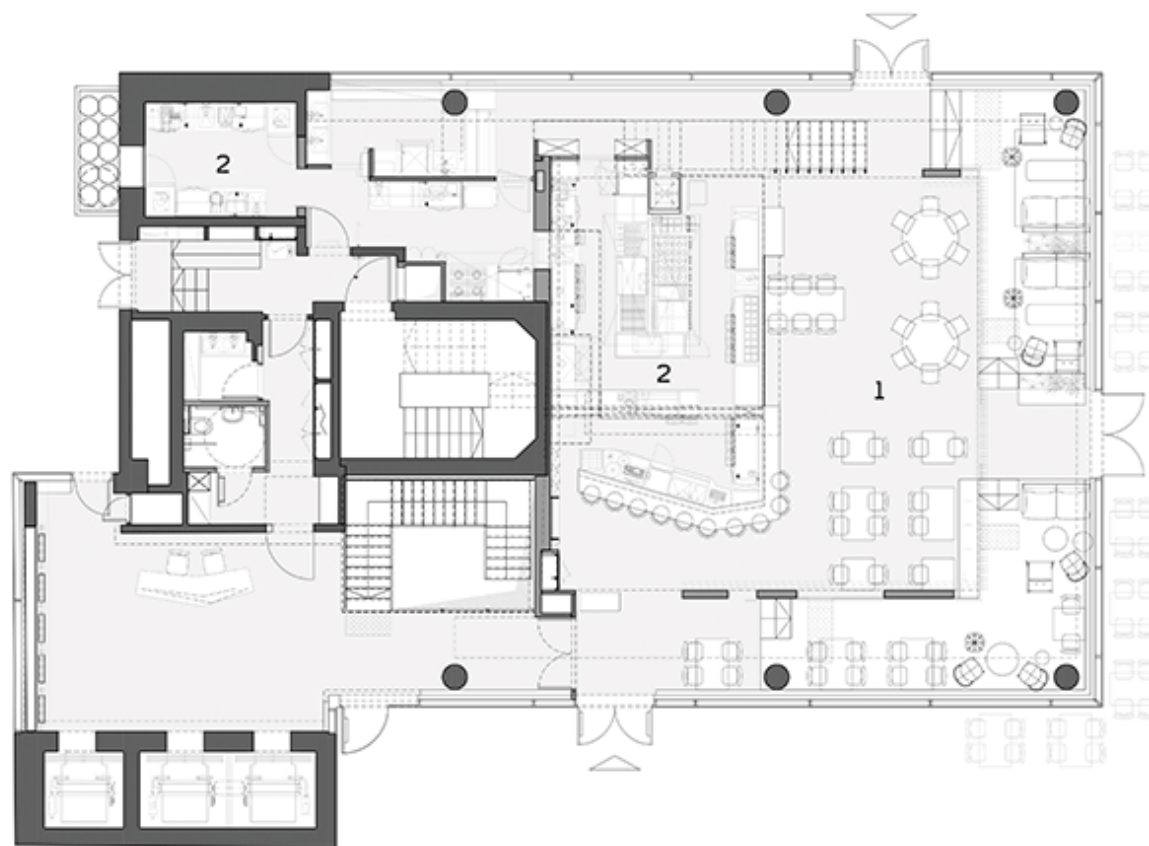
By Kimmel Eshkolot Architects

Accelerator for innovative chef entrepreneurs, restaurant interior design fit out, 2018 (Completed), 3720 sqft.

L28 Culinary Platform is a restaurant, designed by Kimmel Eshkolot is an accelerator for innovative chef entrepreneurs, and an incubator for new and creative interpretations of Israeli cuisine. Named after its address on 28 Lilienblum Street, L28 is at the heart of Tel Aviv's booming startup ecosystem.

Project Architects: Etan Kimmel, More Gelfand, Limor Amrani & Yoav Ronat.

Role on project: Stage 4-5 drawings, detailing, joinery and ironmongery design, and exterior consultants coordination (Riba stages 4-6). For more info: <https://www.kimmel.co.il/projects/l28-culinary-platform/>



(1)

(1) Floor plan Showing the main dining space and kitchens

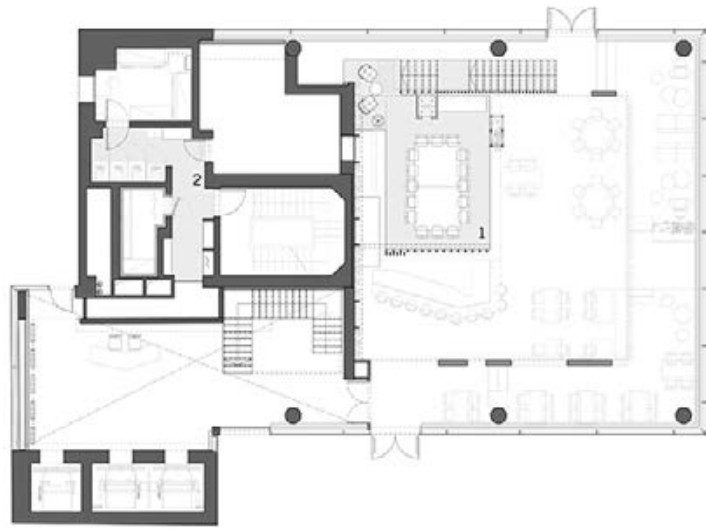


(2)

(2) Open kitchen View of the main dining hall and the open kitchen

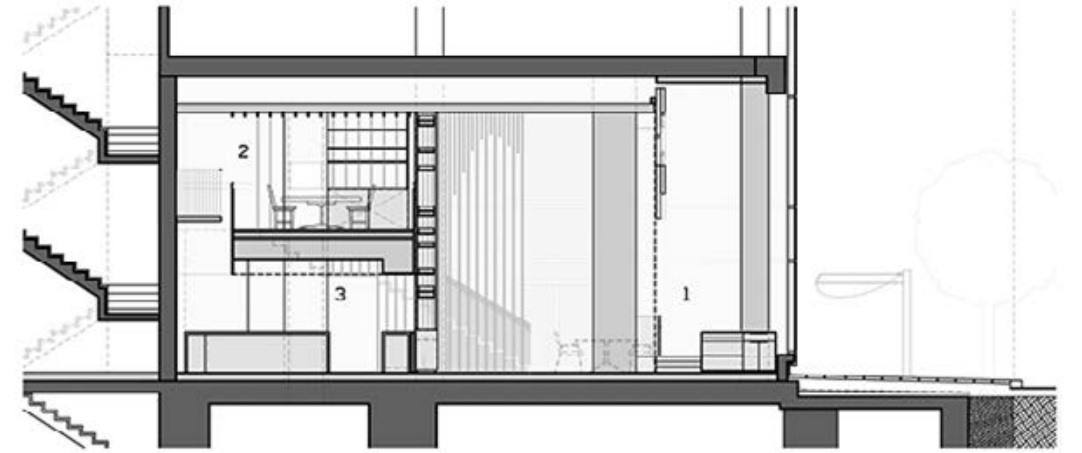


(1)



(2)

- 1. Restaurant
- 2. Restaurant Private Room
- 3. Kitchen



(5)



(3)



(4)



(6)

Weizmann Institute student housing | Rehovot, Israel

By Kimmel Eshkolot Architects

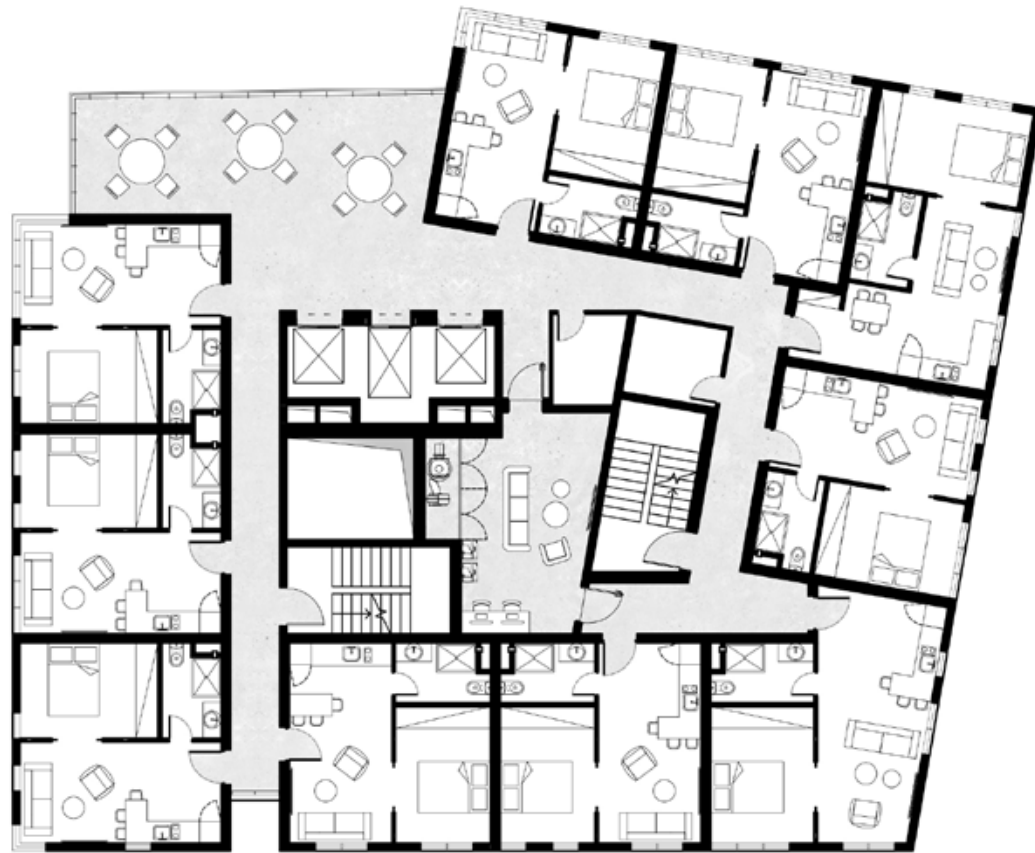
16 storey student housing complex, 2018 (1st prize competition winner), 108K sqft.

The student housing for Weizmann Institute of Science includes residential units, coworking spaces, retail and offices. The public spaces for all programs meet and overlap in a green corner which cuts through this 16-storey building, with terraces and spaces for informal encounters between the different users.

Project Architects: Etan Kimmel, Michal Eshkolot, Ilan Carmi, Yoav Ronat, Nir Shmueli, Chen Lavy, Gal Biran & Omri Ron.

Role on project: Concept design & development team member lead (Riba stage 1-3)

For more info please visit the site: <https://www.kimmel.co.il/projects/weizmann-institute-of-science-student-housing/>



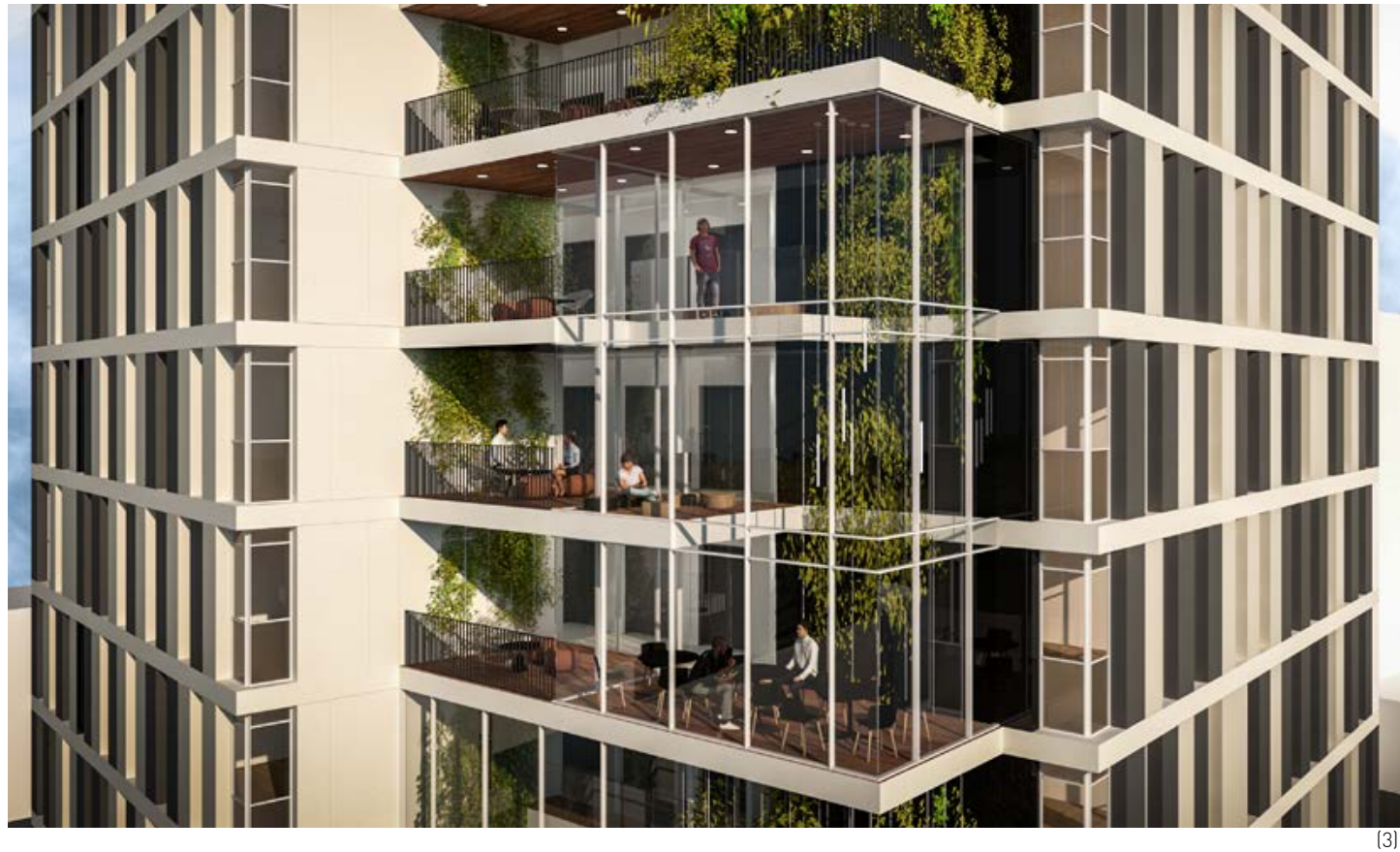
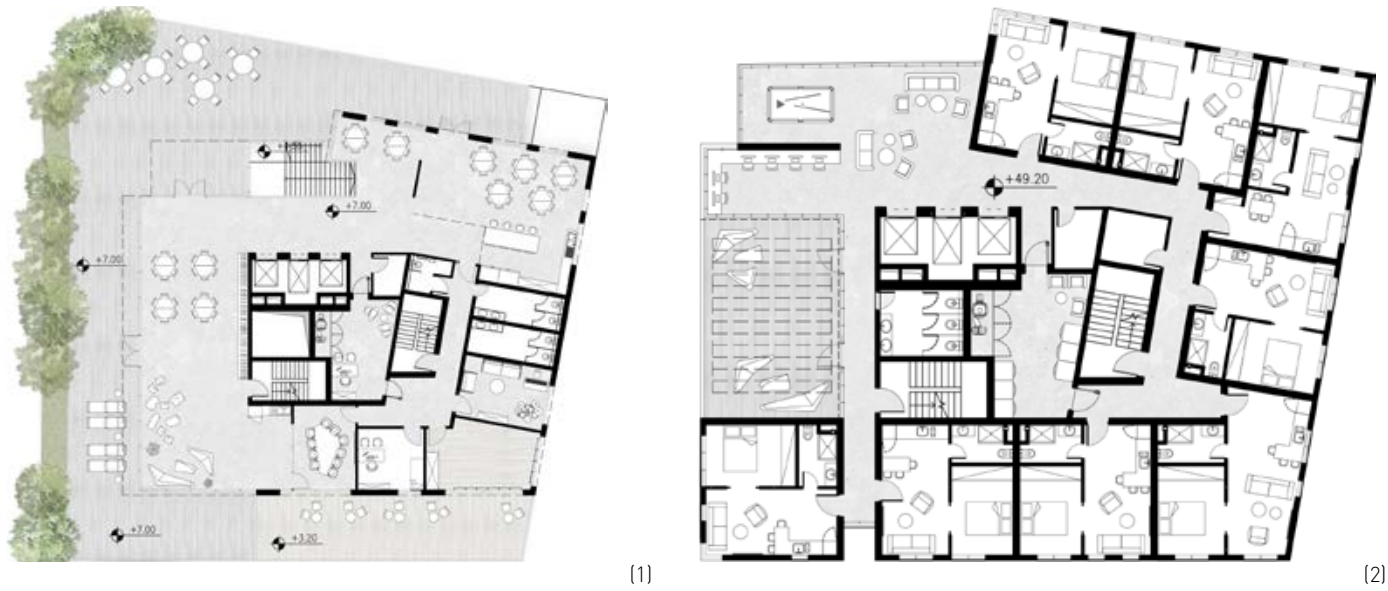
(1)

(1) Typical floor layout A typical floor showing the repeated units and open balcony



(2)

(2) West facade A view of the retail plinth and the green balcony corner



The Coloured Dome Installation

St Paul's Plinth competition, LDN, 2019

The Coloured Dome installation aims to echo St. Paul's spatial and colourful interior experience outside the cathedral, on the street level. Inspired by the cathedral's interior experience, the form and colour pallet of the installation rearticulates the interior architecture and artwork through contemporary design and fabrications tools.

Team members: Yoav Ronat & Ariel Armoni

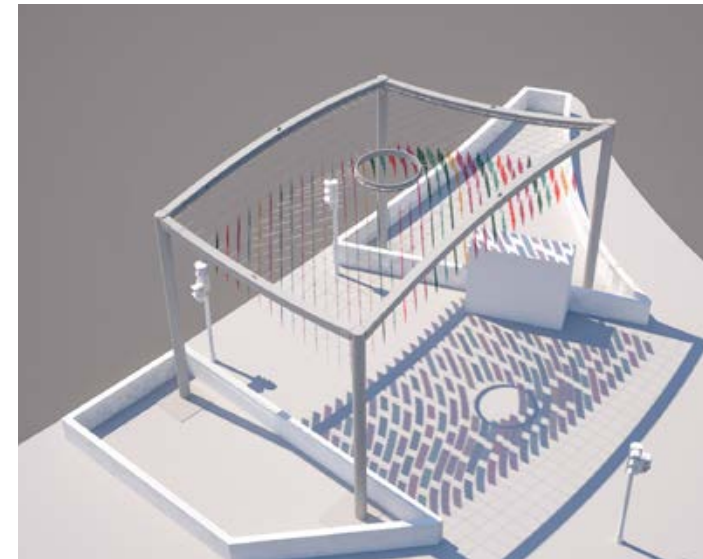


Plan 1:50

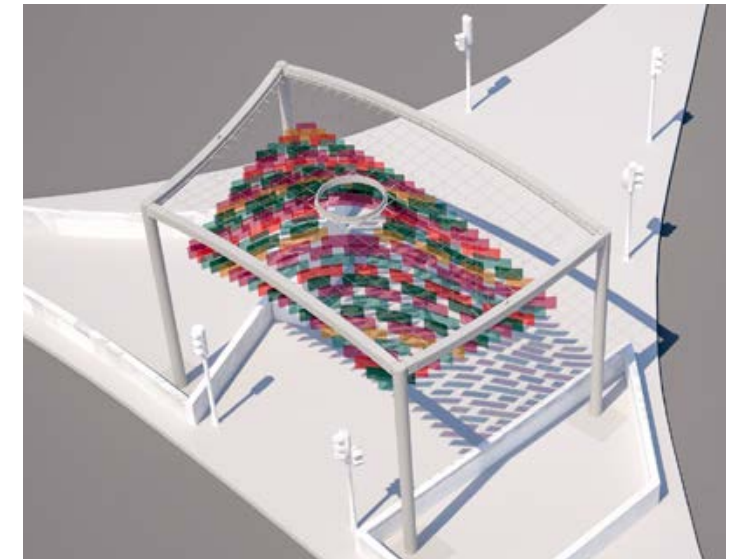
(1) Top view Showing the setting out and colour pattern



(2)



(3)



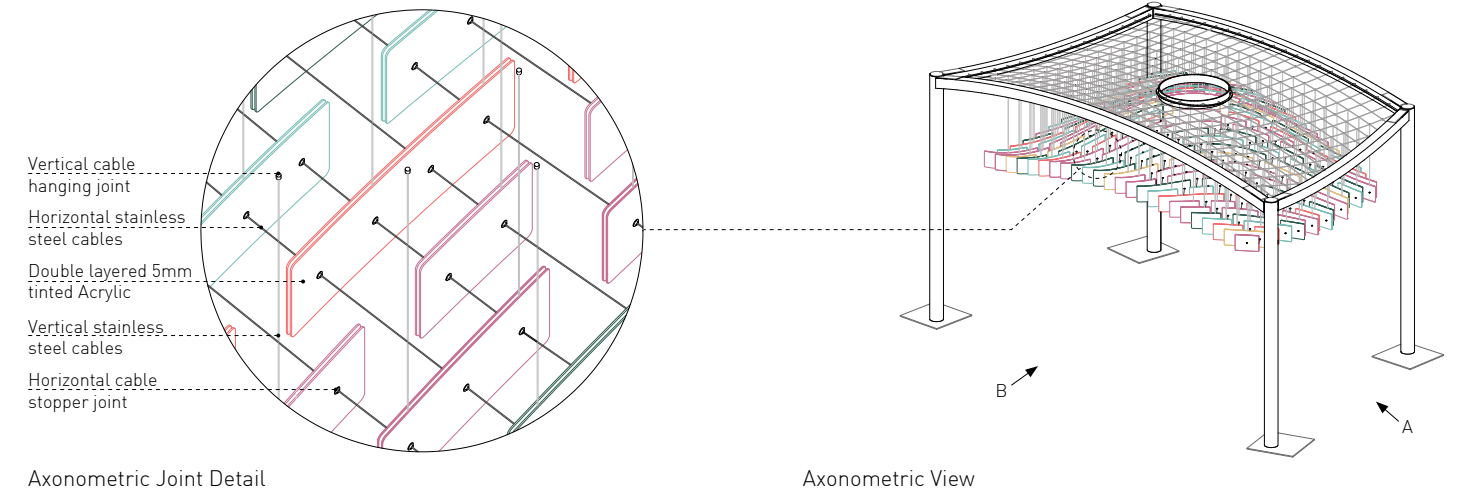
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(2) South view Showing St. Pauls behind the installation (3) West axo view Showing the thin perspex elements (4) South Axo view



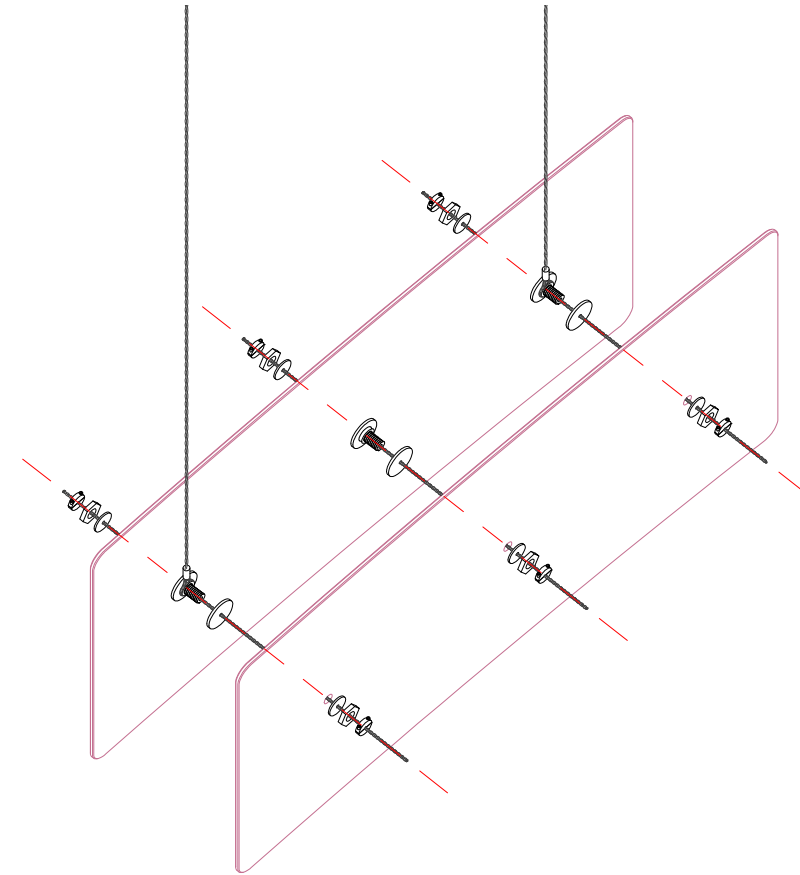
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(1) Street view Showing the installation and its reflections on the sidewalk

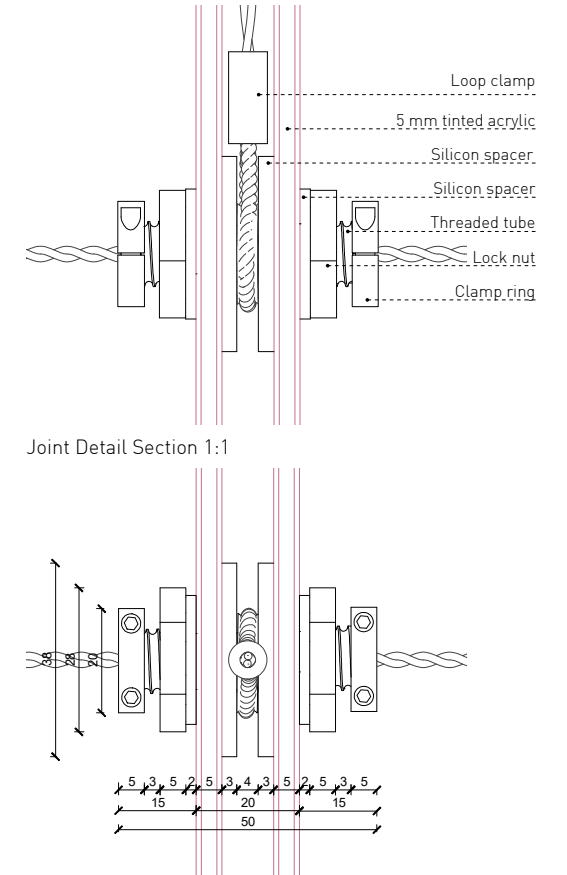


Axonometric Joint Detail

Axonometric View



Horizontal Cable Stopper Joint Detail



Joint Detail Section 1:1

Joint Detail Plan 1:1

(2)

(2) Joint details Showing the connection detail of the coloured perspex elements

Theme Work

The future office, IL, 2020

Theme Work is a concept project developed under a design competition to envision the future office. The concept focuses on the idea that the future work model gives you what working from home can't. Latest studies show that a complete desk sharing solution, together with hybrid working from home, allows reducing the office space by 50%.

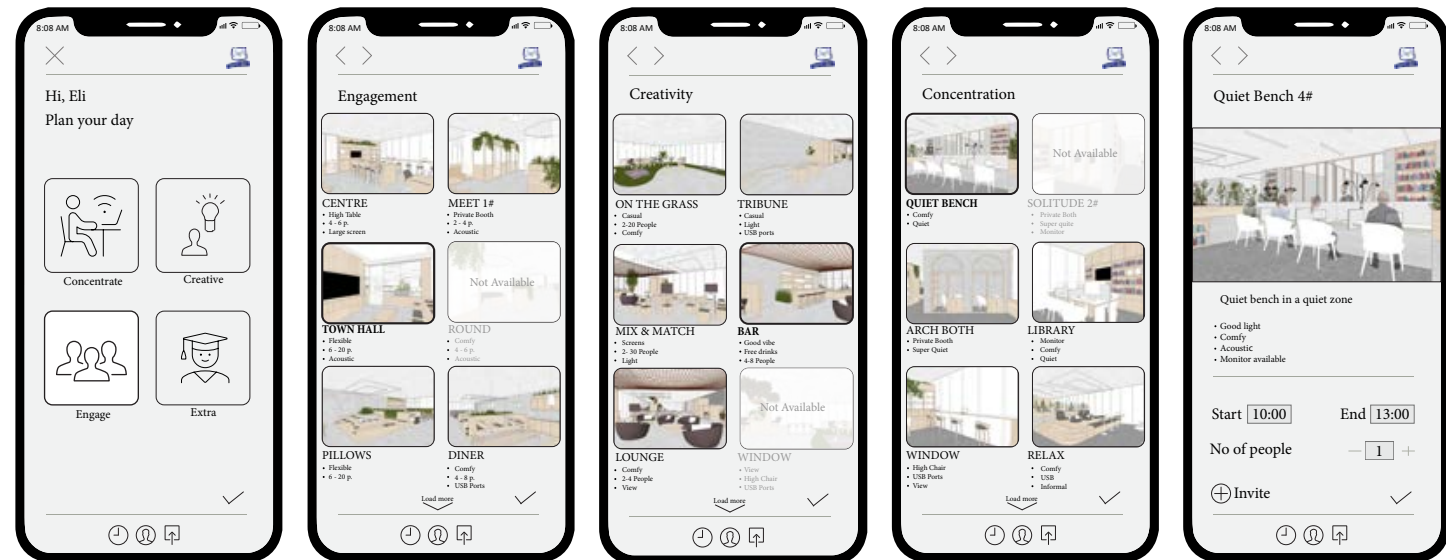
While working from home proves to help in getting a lot of work done, the negative impact of diminished engagement, cultural disconnection and reduced autonomous learning is significant on the overall wellbeing of the employees. Thus a hybrid working solution, part home part office, makes the perfect balance between quiet and collaborative work.

To overcome these challenges and utilise the office space better, the concept of 'Theme Work' was introduced: Goal-oriented spaces designed for specific tasks, that allows multiple working styles and are adaptable to a various number of people.

The four working themes are Engagement, Creativity, Concentration and Gathering, to represent a holistic approach to cover all sorts of working styles and suit endless situations.

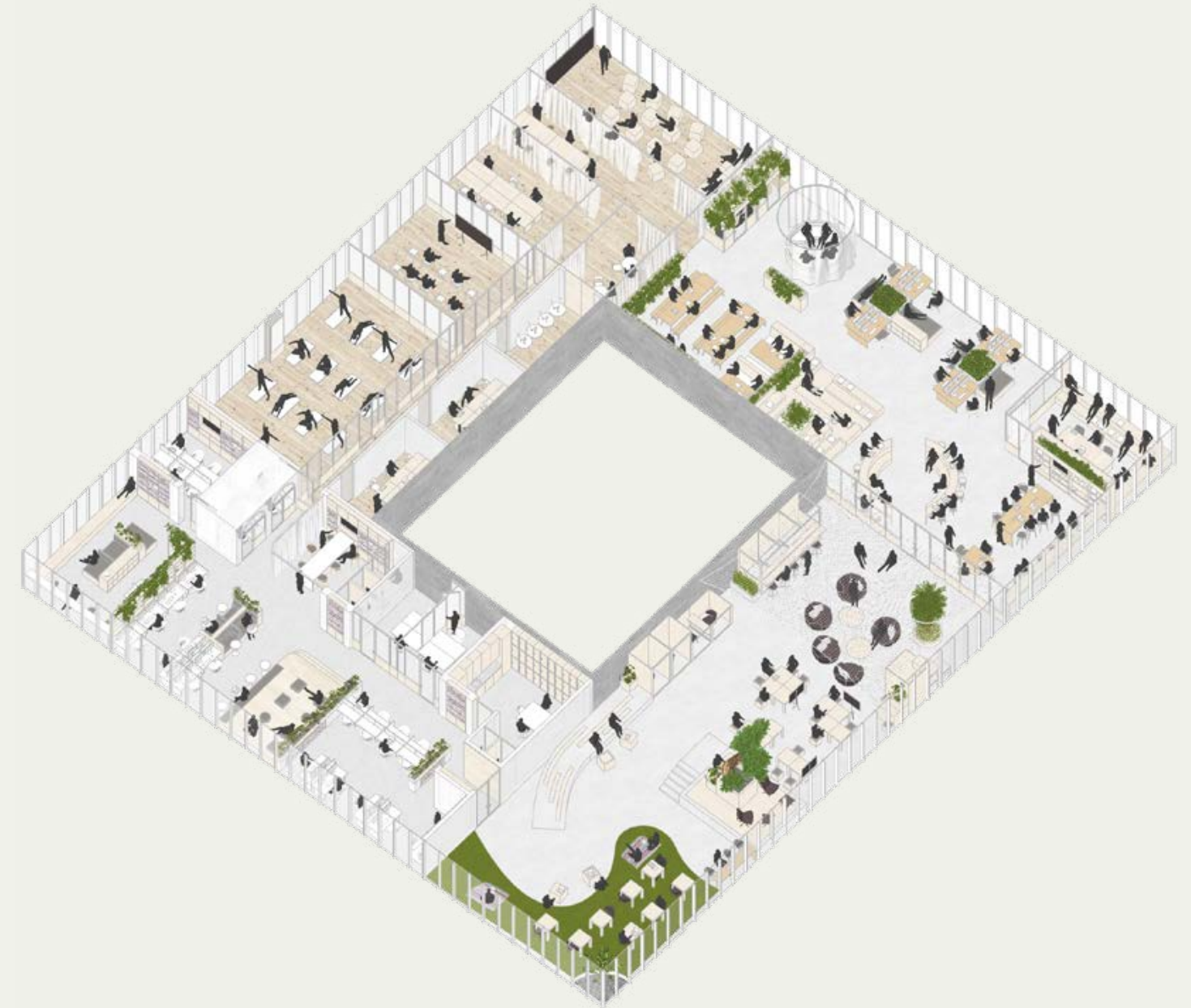
To help employees manage their days in these spaces, a desk and room booking app is proposed to help users and their colleagues scheduling and arranging their various tasks and needs throughout the day.

Team members: Yoav Ronat, Ariel Armoni & Lee Machany



(1)

(1) The booking app Showing the process of booking a space in the app



(2)

(2) Isometric view Showing the four elements of the 'Theme Work', clockwise - Gathering, Engagement, Creativity and Concentration spaces

Machine-Sheva

Fresh paint exhibition, TLV, 2018

In a collaboration with Matan Loub the founder of the maker space Shin-Sheva in Tel Aviv. The Machine-Sheva was invented for people to design their own custom made CNC furniture in the exact dimensions they need, during their visit at the Shin-Sheva pavilion at the celebrated Fresh-Paint art fair in Tel Aviv.

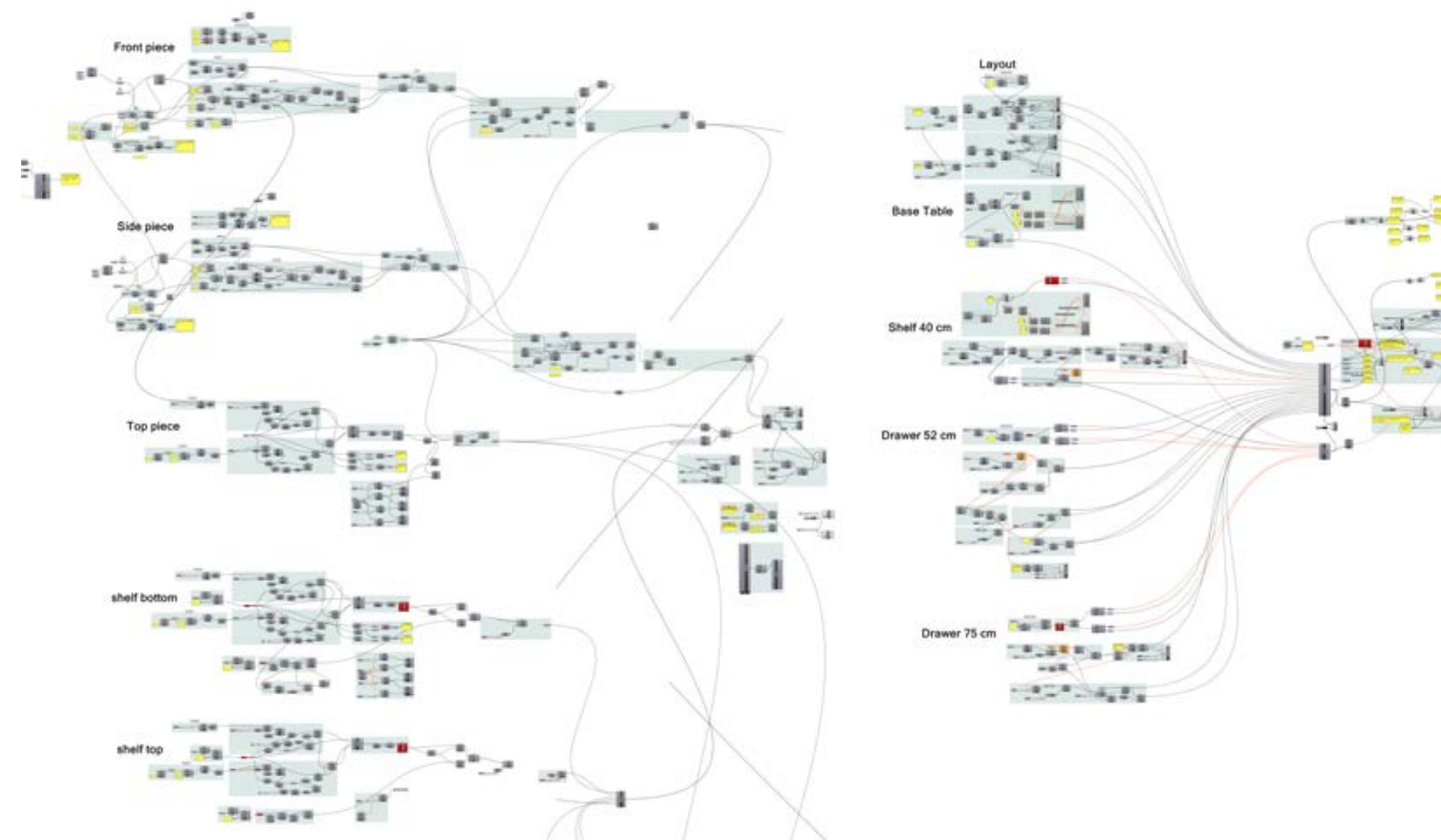
Concept developing, Grasshopper coding, UX/UI design and prototyping: Yoav Ronat.
 Furniture design: Matan Loub
 Arduino: Zvika Markfeld



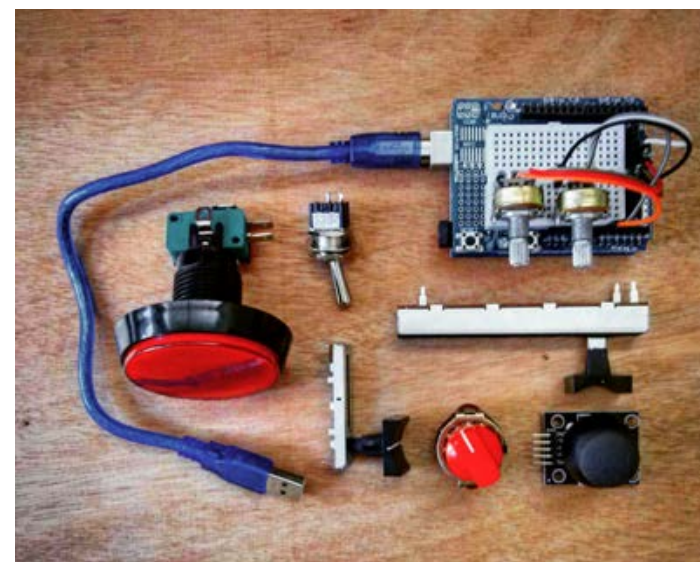
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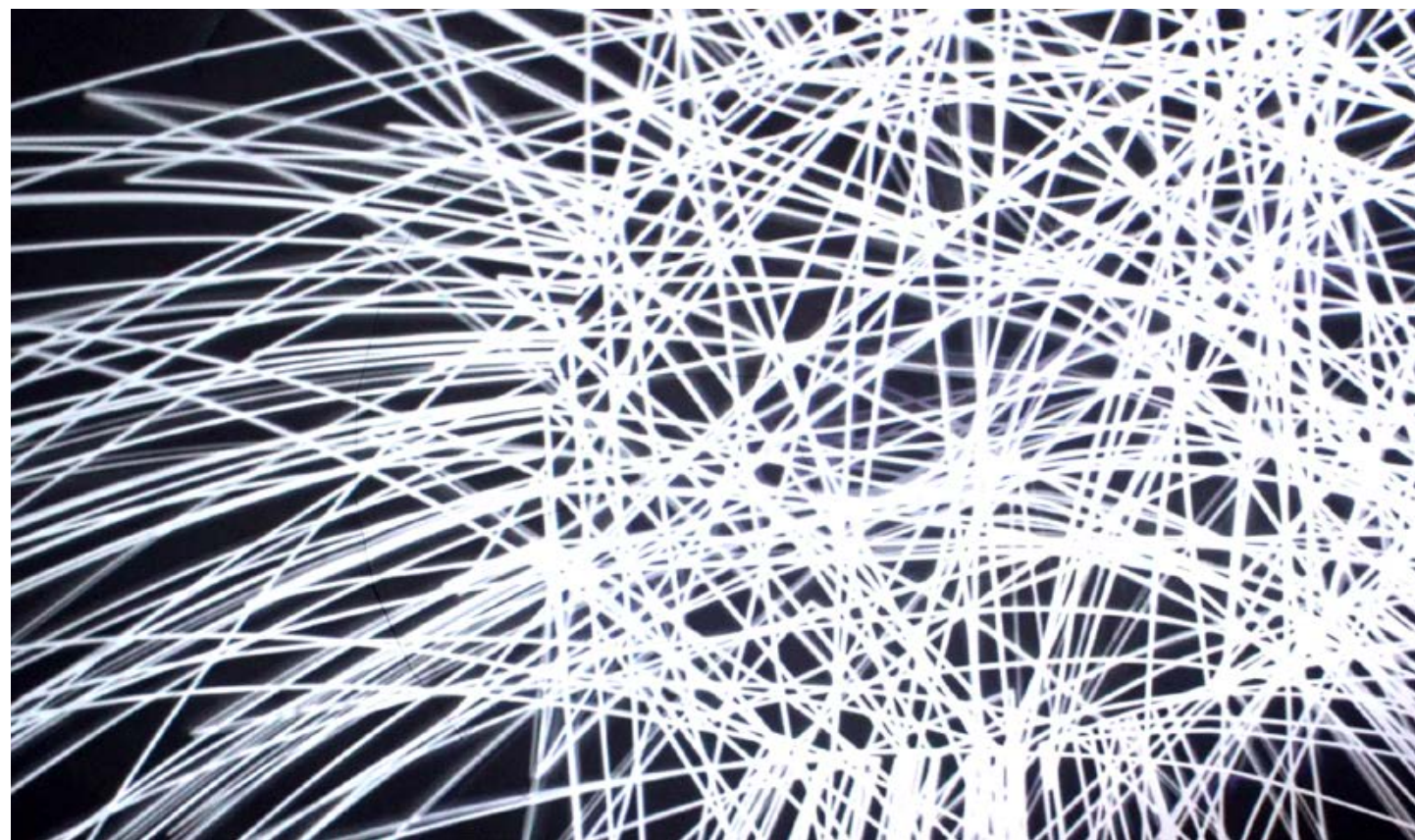
'Singing of Ascents'

An Audio-Visual Site-Specific Installation
Eretz Israel Museum's Planetarium, TLV, 2017

Singing of Ascents is an original audio-visual site-specific event inspired by those moments. For one evening, the Eretz Israel Museum Planetarium was transformed into a sacred sanctuary, a new galaxy where audiences embarked on a personal journey examining the eternity of yearning and issues surrounding place and identity.

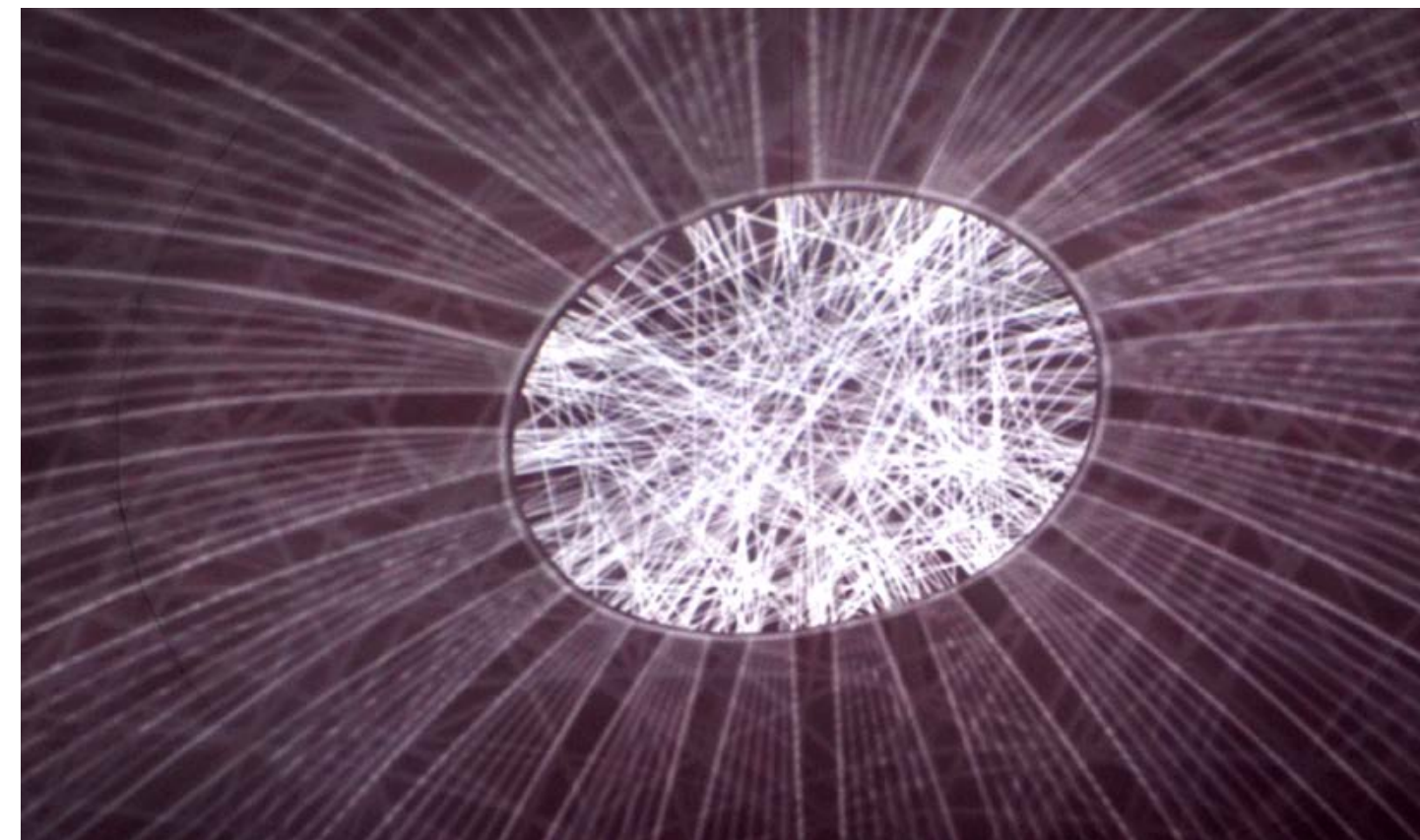
Premiered at the Odessa Tel Aviv Festival, Eretz-Israel Museum (Tel-Aviv, IL), September 2017.

By: Yifeat Ziv, Co-Creator & Video Art: Yoav Ronat, Sound Design: Gavriel Mandel
Artistic Accompaniment: Yael Biegon Citron & Alex Riff



(1)

[1] Dome view #1 Projection still image



(2)



(3)



(4)

[2] Dome view #2 Projection still image [3] Audience Watching the top of the dome [4] Planetarium View of the space

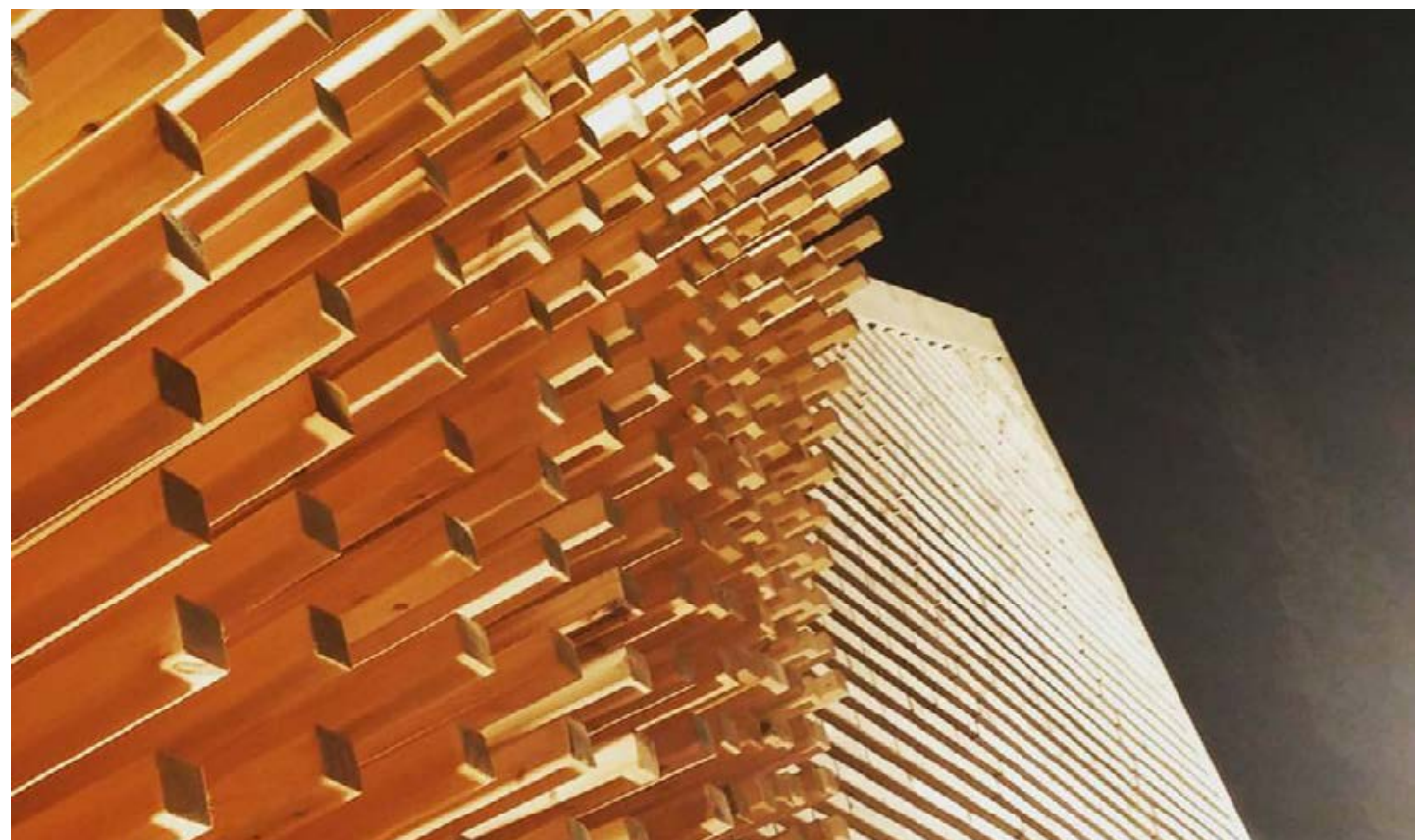
The IGSBE Pavilion

Berlin (DE) - Tel-Aviv (IL) 2015

The "Israeli-German Pavilion" was built as an Israeli-German educational construction site in Tel Aviv. Priorities are energy and resource protection, a simple and Eco-friendly building including sustainable solutions for heat and cold protection. It functions as an outdoor social space and features a shading and sun filter element that was made using advanced digital planning and design fabrication.

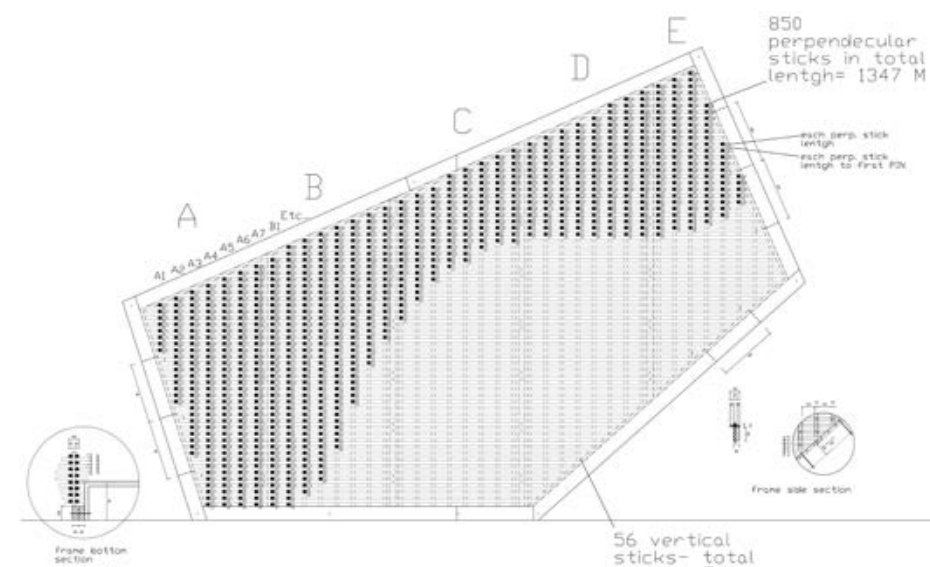
Partners: IGSBE team

Facade development, detailing, construction drawings and fabrication technique development: Yoav Ronat

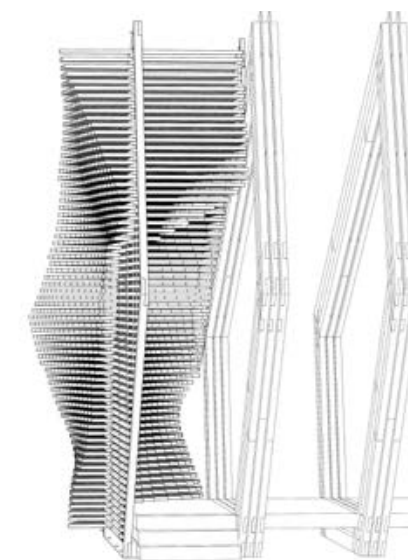


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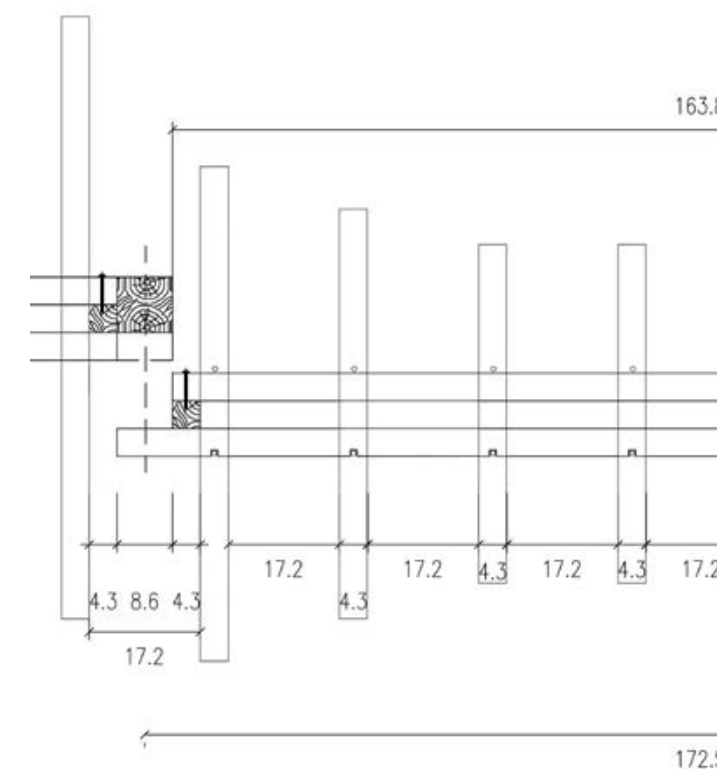
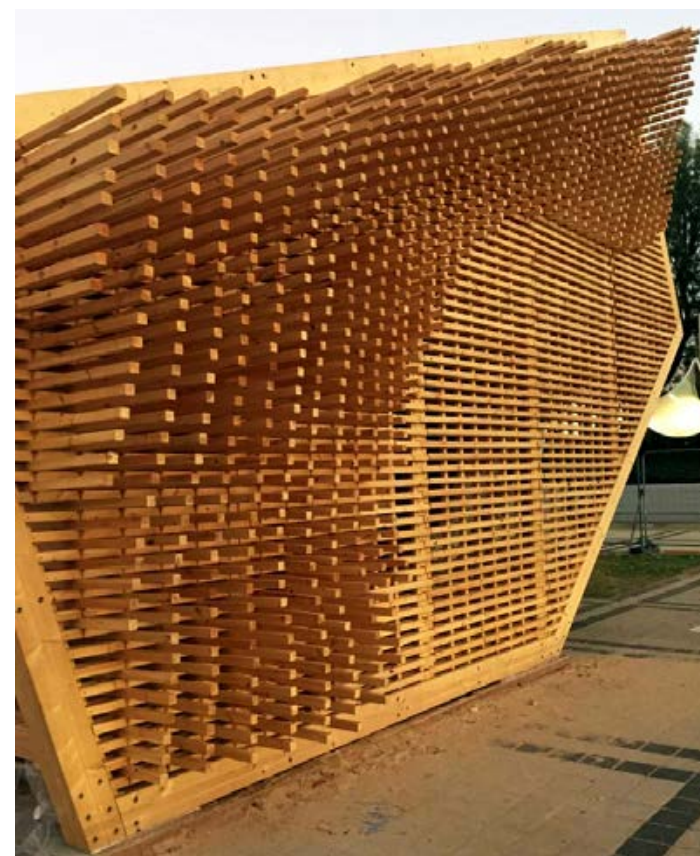
(1) Shading system facade closeup Each slab in different length



(2)



(3)



(4)

(3) Structural frames side view The shading system had a double curvature shape (4) Frame detail plan Each slab had a specific pin location

Grove Park

Senior Thesis Project

A DETAIL that creates a language |
A SYSTEM that creates a space

The visitor's perception of space and the environment of a building, a city or of nature itself, is meaningful even for those who experience it subconsciously. Often the development of the architectural detail is what creates the main experience; it controls the visual space, the flow of light and air, the size of the various spaces and so on. These details give the building its uniqueness and to the architect, the ability to create a meaningful space.

The 'Grove Park' project deals with the meaning of the 'detail' as an architectural language and explores the possibility of creating holistic structures as in the "bottom-up" concept. Is it actually possible to design a structure backwards? First the detail, then space? In the centre of this project is a technological research of advanced design and production techniques, side by side with a feasible architectural proposal for the Grove Park in Tel Aviv.

The project was nominated for the prestigious David Azrieli Prize for exceptional academic architecture projects of the year. For further details please visit the site: www.yoavronat.com/grove-park
Drawings, renderings & models fabrication by Yoav Ronat, model photos by Yair Meyuhas



(1)

Program

Co-working Space & Innovation Museum

The project utilizes unauthorized settled areas as part of the regeneration of the park and proposes communal buildings in order to renew activity in the park. The proposal is an attraction locally and nationally, as is appropriate to the size and urban relevance of the park.

The program focuses on two areas of the high-tech industry; product development and its presentation. Thus the intervention in the park is on three levels; developing a co-working space, an Innovation Museum and at the center of the park is the incorporating element. The project refers to future housing programs and the existing master plan of 'Aaronson architects' as a given situation.



(2)



(3)

Co-working space

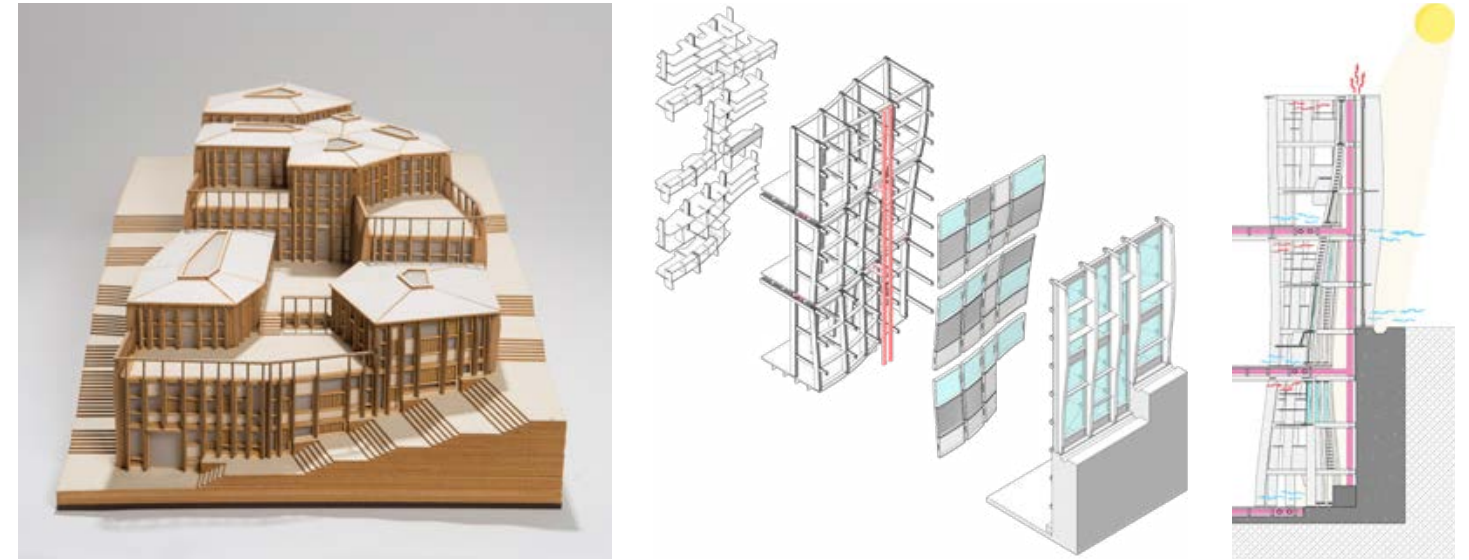
The North West corner

The project sits on the ruins of the Abu Kabir village and corresponds with historic routes in the area; therefore it is divided into separate structural units with inner patios. The building program is based on co-working principles that permit different users to visit and work on-site. The project developed one building unit that includes various workspaces and lecture halls, in addition to commercial areas enabling mixed-use.

A parametric skin was developed to answer various needs according to the principles of an "open source" - the system is based on parametric modules that are custom made by the users of the space.



[1]



[2]

[3]



[4]

Innovation museum

The South-East corner

Examination of land use plans and aerial photographs led to the discovery of 'Well Houses' under the shacks and scrap yards there today. The preservation of these structures was part of the original planning and was designated to become various showrooms. Foot traffic on site is based on ramps, bridges and underground passages that allow continuity between the different structures without the need for steps, enabling the free public movement to the street through the project via the park.



(1)



(2)



(3)



(4)



(5)

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