



HQ Architects Ltd

83-85 Hahashmonaim st., Tel Aviv 6713302, Israel
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HQ Architects | Selected Works

CULTURAL

Jerusalem Academy for Music and Dance

A new addition to the reputable Jerusalem Academy of Music and Dance, the building will serve as an Advanced Inter Arts Center. The design provides the infrastructure and conditions for cross-fertilization between the different fields of dance and music that is vital to the academy.

The building enjoys both high-end facilities and infrastructure together with dynamic shared spaces that form the magic of the academy; a sense of creativity happening all around. The facilities will include a solo and chamber music recital hall of 115 seats, a dance studio, a jazz and improvised music studio of 90 seats, a vocal and opera studio of 60 seats, and 14 practice/teaching chambers.



VAKKO Art Foundation in Istanbul

Creating a flexible art space

The new VAKKO Art Foundation building will complement the missing programmes of the existing VAKKO Center: A new cultural center, a new gallery and event space.

The flexible programme of the new VAKKO event space will provide spaces for exhibitions of design and its various disciplines, and will create a flexible and adoptive environment to accommodate different occasions and various audiences.



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The undefined spatial programme does not seek to accommodate a generic use of space, but to allow the unique quality of each cultural presentation to create a changing context and experience and to become completely new every time.



Renovation of the Wix Auditorium at the Weizmann Institute of Science
Unlocking the full potential of a preservation listed building

This is a renovation project in a building that falls under strict 'preservation' rules, where the facades and contour of the building cannot be modified. However, the ambition of the owners was to double the area of the lobby so that it can accommodate all the guests in the auditorium, and even hold small cultural and communal events in the lobby.

The creative response to this challenge was 'hidden' underneath, as it was found under the audience seating area. By raising the seating area a new space was revealed that could serve as a lobby and even open up to the back garden of the building.

The Wix Auditorium is expected to open in September 2019.





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House for singing

A choir performance hall and education center for classical choir singing located among the rolling fields of Emek Hefer in Israel.



Aseret Regional Theatre

Renovating an International Style Theater in rural south Tel Aviv

Built in 1960 and now restored to its former glory, the structure of this theater emphasizes simplicity and functionality - two great hallmarks of the International style which also became the driving principles of this renovation.





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In 2011, HQ Architects was selected to transform the fully gutted 1000 sqm theater into a modern, multi-cultural performance center.

The new design incorporated new program requirements and technological upgrades into its historic structure whose outline could not be modified. After 2 years of intense renovation work, the refurbished building is an exciting and vibrant 300-seat versatile theater, with the capacity to feature on-stage live performances, screenings, local productions, musical concerts, or to become a brightly-lit lecture hall with direct views to the outdoor garden.

PUBLIC SPACE

Public Transportation Terminal in Petah Tikva, Israel

A multi-functional building that combines infrastructure and retail space offering an exciting place of arrival and departure

Currently under construction, we designed a 9,000 sq meters bus terminal with 9,000 sqm of commercial space and six floors of office space on top.



By breaking the traditional rectangular plan we enable the creation of squares, urban spaces and commercial facades towards the surrounding streets. The design integrates elements that allow for further the development of the existing city center while still preserving the building's clarity and usability.

The terminal building offers a balance between the need of the user to reach the platform as fast and efficiently as possible, and the desire of the developer to encourage the visitor's journey through the commercial space. By utilizing the natural topography of the site, the



structure keeps a continuous connection with nearby urban focal points and allows quick and convenient entrances for all users of the complex such as buses, light rail, train, taxis, bicycles and private cars dropping off passengers.

Kfar Saba Youth Center

A renovation calling for re-thinking the concept and use of teenage education space

We completed the renovation of this youth center, originally built in the 1980's. The building was neglected by the teenagers over the years as it didn't not keep up with changes happening in our world and society.



The design challenged the idea of the traditional “classroom” as a space with a strictly hierarchical layout, where students sit at the back of the classroom and the teacher stands at the front. An alternative spatial model was proposed: to create a “network” of spaces defined by its characteristics – acoustics, durability, media etc. and fits various forms of learning. This flexible model allows a variety of interaction modes between youth and instructors. The different spaces include a media room, group work rooms, workshop, flexible lecture hall, acoustic room and private rooms.



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Lod Community Center

A new multi-use building serving the local community



The new building for the Lod Community Center, one of the few centers in this mixed population city that conduct activities for both Arab and Jewish populations. The center accommodates children, youth, adults and the elderly, and serves as the basis for bringing different cultures together.

WARDE

A dynamic urban installation in the heart of Jerusalem



Warde is an urban installation located in Vallero Square, Jerusalem, and is part of the municipality's effort to improve the existing square which is in poor condition. The square is divided by the tram line into two urban spaces and filled with facilities such as waste composter and electricity substation. Warde's attempt was not to fight the chaos, but instead



to try and 'stitch the urban space together' and spread around such fantastic elements that would overcome the reality of the square.

Four gigantic flowers were carefully positioned to be viewed from all around the square, and from the market near by. Each flower is separately inflated and reacts to its surrounding situation, so that whenever pedestrians walk by, the flowers inflate and open up, and then deflate and close as the people walk away. If a bypasser is looking for a moment of shade during the hot summer days, the flower will inflate and stay open until the person leaves. When the tram is approaching the station, all four flowers will inflate at once and signal the shoppers to hurry if they want to catch the tram. The result is an interactive urban pocket that combines the practical and the fantastical at the same time.

To watch a video of the installation please follow the link:[http://www.hqa.co.il/wp-content/uploads/2016/02/warde.mp4?_ =](http://www.hqa.co.il/wp-content/uploads/2016/02/warde.mp4?_=)

Givatayim City Hall

A contextual and open municipal space

Located next to the historic Givatayim city hall, this new building which unites all of the municipal departments into a complex that is open and accessible to the citizens. The building consists of seven floors above ground, the first five floors are occupied by the municipality and the upper two levels are created for office space use. The ground floor is distinctly open and transparent and will feature an open coffee space and a public square at the street level – enabling a smoother transition between exterior and the interior spaces of the building.





The building will include the municipal office, the city administrative functions, the archives, the waiting areas, an urban center, a service center for the residents, a plenary hall and an emergency control center.

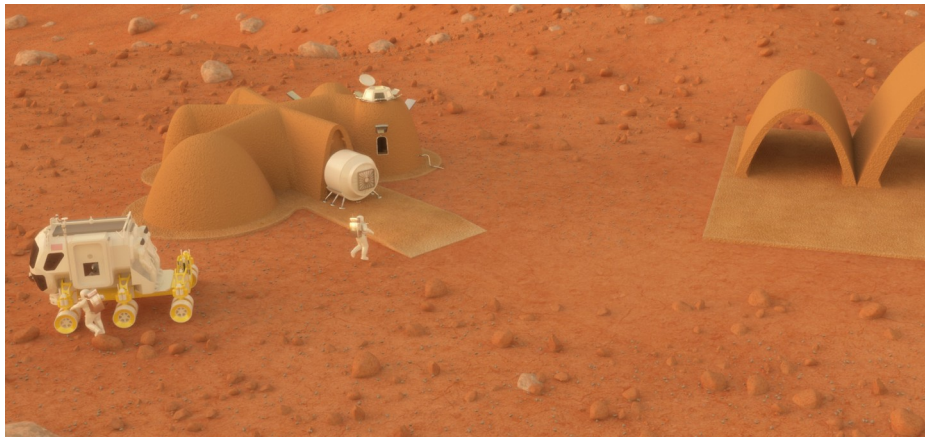
The public spaces concentrate all the services and activities. The program is not strictly organized according to departments, but also by means of accessibility to the user, which enables direct communication between the citizen and the authorities.

DESIGN INNOVATION

MARS HABITAT

NASA'S 3-D PRINTED HABITAT CHALLENGE

What if we could send a 3D printer and a robotic arm to space to construct landing pads, launch pads, radiation shields, access roads, and even houses, before a human set foot on Mars?



In 2015 NASA launched a project to find technologies that would use materials indigenous to Mars and 3D printers to fabricate houses. In Phase 1 teams were tasked with proposing a preliminary design and in Phase 2 they developed and printed new materials relevant to Mars geology. Currently, in phase 3 the challenge is to develop a high fidelity BIM model, hydrostatic testing and 3D printing and robotically autonomously assemble a sub-scale Mars habitat..

Our team has developed two key concepts that present several advantages. The first one is to print only with local materials on Mars, a unique technology developed at the Hebrew University. The second one is building the structure out of small bricks rather than a single continuous print. This concept presents benefits in redundancy, speed, structure and more.



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**EXHIBITIONS
&
IDEAS EXCHANGE**

The Israeli pavilion at the 13th International Architecture Exhibition of la Biennale di Venezia

Aircraft Carrier



An exhibition for the 2012 Architecture Biennale in Venice confronting the dramatic changes in Israeli architecture since 1973, and the American influences that made them possible. The Israeli pavilion at the 13th International Architecture Exhibition of la Biennale di Venezia, "Aircraft Carrier", deals with the dramatic changes in Israeli architecture since 1973, and the American influences that made them possible. For that end, curator and Founding Partner of HQ Architects, Erez Ella together with other two curators, Milana Gitzin-Adiram and Dan Handel defined four major architectural phenomena that demonstrate these changes (Signals, Emporiums, Allies and Flotillas), and invited five leading Israeli and international artists and architecture photographers to reflect on them.

They also collaborated with product designer Tal Erez to create a sophisticated take on commercial merchandise stores, making thirty something products - each one representing a key event in the Israeli-American relations. By mixing archival materials with commissioned



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art work and custom made products the exhibition aims at demonstrating how the dramatic shift of Israel from socialist welfare state into a capitalist booming market is expressed and enabled by Israeli architecture.

Design Architect: HQ Architects / Tal Erez

Curators: Erez Ella, Milana Gitzin-Adiram, Dan Handel

The Israeli Pavilion at the UN Conference HABITAT III, Quito, Ecuador

The exhibition 'Lay of the Land' was designed for the Israeli Pavilion at the HABITAT III, the United Nations Conference on housing and Sustainable Urban Development, which took place in Quito in Ecuador in October 2016.

The 40sq meter surface of the pavilion walls were designed as a wall survey. A scaled city comprised of different urban spatial typologies was built on those walls, and the visitors were invited to choose a figure and pin it on their favorite spot in the city. This way the walls functioned as a continuous visual survey of urban qualities.

