

the KARPPOVS

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making things
and rings!

algorithm**ARCHITECT**

The Parametric
Scales of a
Mermaid

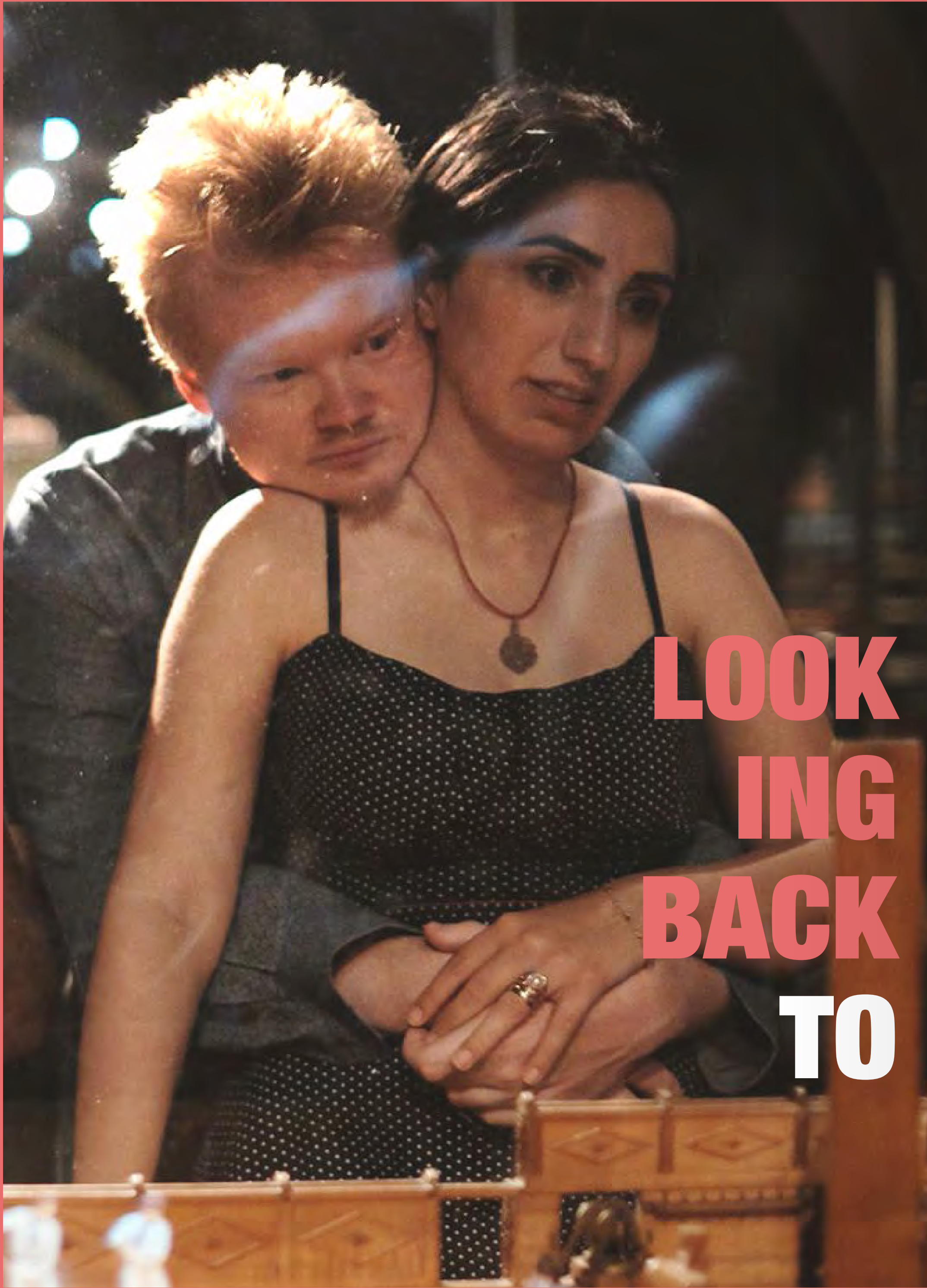
vector magic

and
MORE !



DECEMBER 2018
ISSUE 1





LOOK ING BACK TO

2018 was a year of transition.

Transition between countries, to adulthood. From an employee, to baby steps in business. I had plenty of opportunities to question my dreams and ambitions.

Where did I belong?
Did I need to focus on what I liked?
Did I need to focus at all?
Were humble ambitions a sign of weakness or strength?

Cannot say I could answer these, however I worked, I tried, I learned. Experienced a range of conflicting feelings; homesick, at home, scared, safe, tired, refreshed, old, young, impressed, bored... Tears of joy, tears of pain, both at the same time... LIVED.

In 2019, I'm hoping to figure out some definite answers, or find peace with the vagueness of adult life. Praying for courage to take on new challenges, and the strength to overcome them.

Merve Fattahoglu
~~Karpov~~
~~Ec...~~
Karpov

2018

2018 was a year of growth.

Growing as an individual and as a family. The expanding responsibilities now being anchored in a tangible future, with set goals.

This period of change was a time to arrange all the priorities in life and in business. As the path forward becomes more clear, I become more excited about what comes next. We will be able to anticipate it, act and not just react.

The future is now more certain and the maturity gained over this year will help us reach it.

I am looking forward to 2019,

hopeful,

optimistic,

determined.

Alex Karpov



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check in on our progress in 2019

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WILLIBRORDUS PARK AMSTERDAM

TEAM: ABBINKXCO, CARVE, Diekman landschapsarchitecten, Dijk&co landschapsarchitectuur, Natascha van der Ban Landschapsarchitectuur & stedelijk ontwerp.

Part of the initiative by the City of Amsterdam to reduce on-street parking, This existing square is to receive an update. Three underground parking levels will have two access points developed by the architecture team as part of the integrated landscape concept.

Optimizing public safety, and functionality of the park, clear zones are defined for sports, picnicking, children's playgrounds and meetings. Transitional zones between types of activity provide a flexible community space. The playgrounds and the landscape become integrated into the architecture.

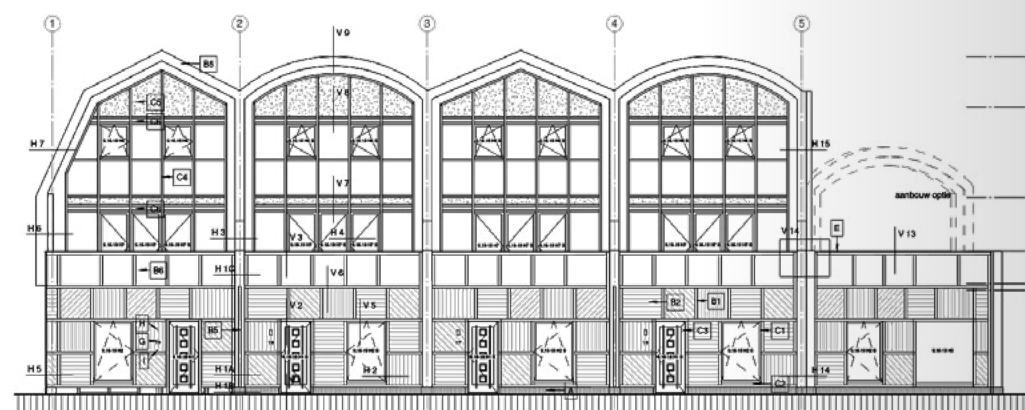
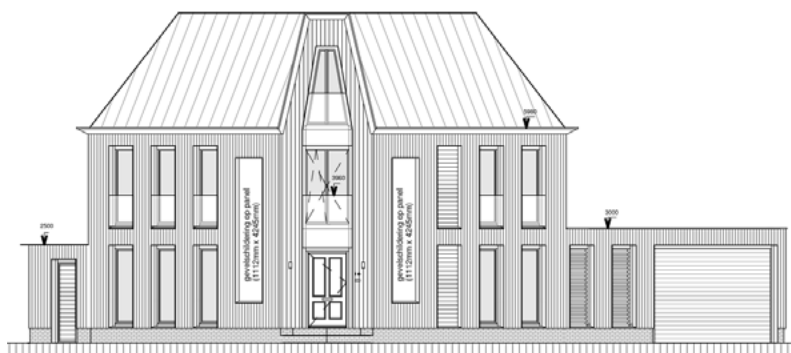
Continuous edges will guide visitors through the park as they transform into park furnishings and define the activity spaces in a clean and serene manner.

Trees and canopies will provide shade in summer, as the colors of the cladding establish a warm atmosphere.

SEEING THE FUTURE

The visualization and presentation of the project has been handled by Alex and Merve jointly with a series of videos and still images. These tools bring the combined vision of architecture, engineering, landscaping and community to life, to become an expression of a palatable real future.





The master plan involves a multitude of Architects creating an eclectic new village with diverse urban conditions.

Houses along the canal are showcasing stucco and wood facades with a bespoke nautical pattern.



The historical fort in the area dictates the material choices for the buildings, with those closer being made of wood.



AbbinkxCo production. The Neighborhood is under construction!

Moving beyond that range, stucco and brick become the expressive norm.

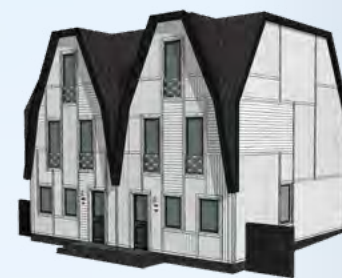
“Salt and Pepper” lies along this dividing datum. It shows off the material transitions with a division marker.



The pinnacle of this military past is expressed with the house facing the fort directly. Its facade is an ode to the green and teal ammo boxes as stacked for storage.



The story behind the individual house designs combines the more dense inner village typologies.



The tribute to the pastoral is presented in the more peripheral buildings with larger greenery around them, inspired by the barn typology.



Other sections of the master plan are in design development at this time, with more variety of architectural styles to come on display.

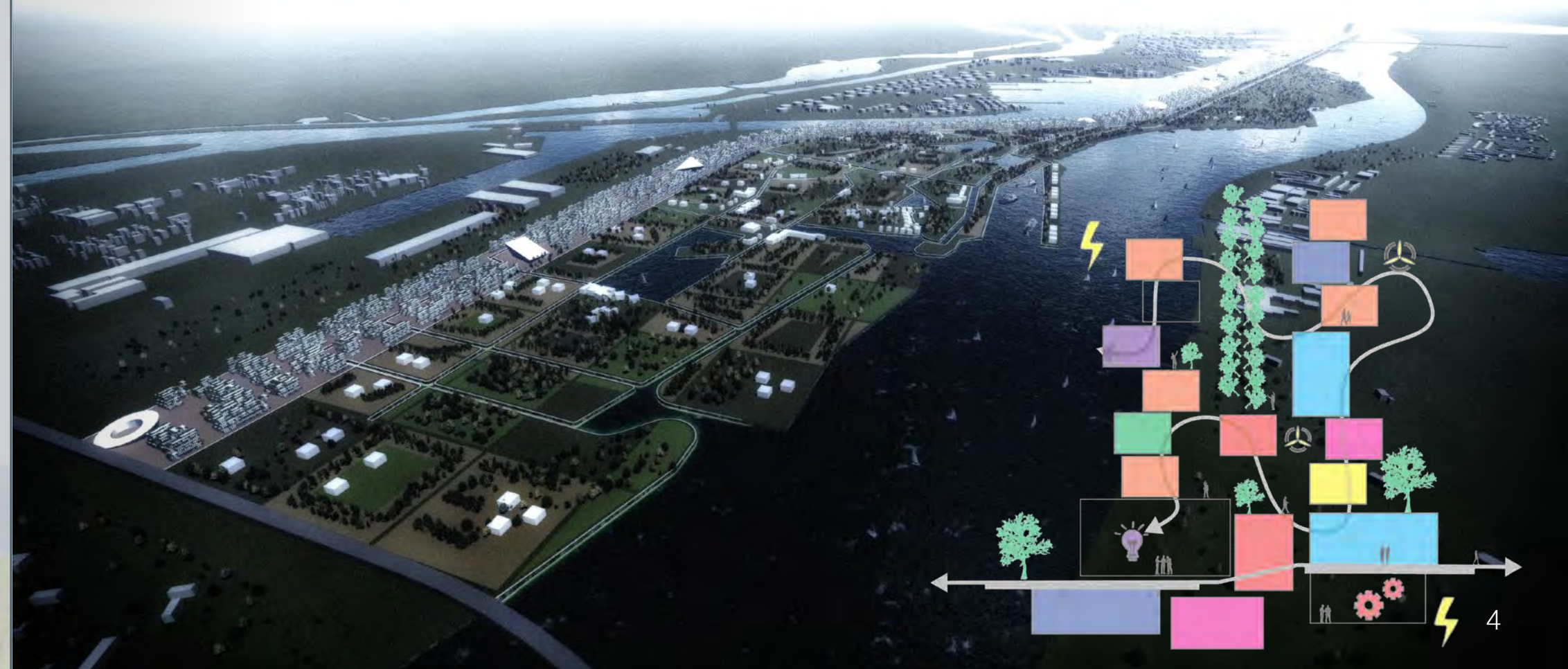


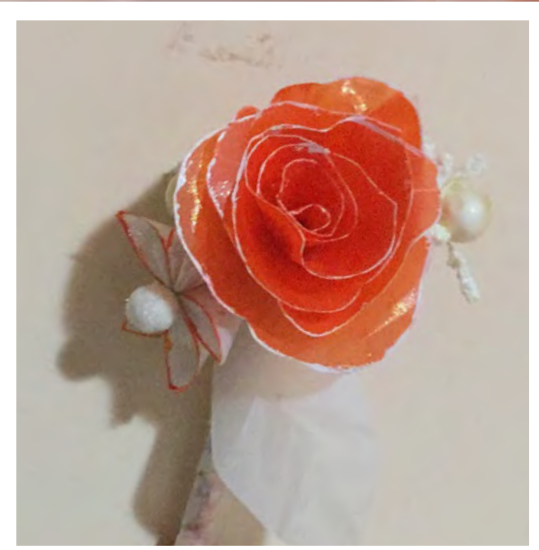
RESEARCH HUB ROZENBURG

The most cost effective investment for combating climate change is the development of future technology and research. Creating a **dedicated lab network** in the core of the harbor of Rotterdam is a way to promote local and global advancement.

As the harbor grows out into the sea, the dense lab strip can follow. The chain of self sustaining research and living communities will function as the **development and testing ground** for future tech, and a platform for cross - disciplinary sharing.

The next stage in developing this master plan will be a singular node along the research strip. A dynamic collection of functions will ensure **physical proximity** to the sources of food, energy and maintenance of the community, inspiring a closer civic cohesion.

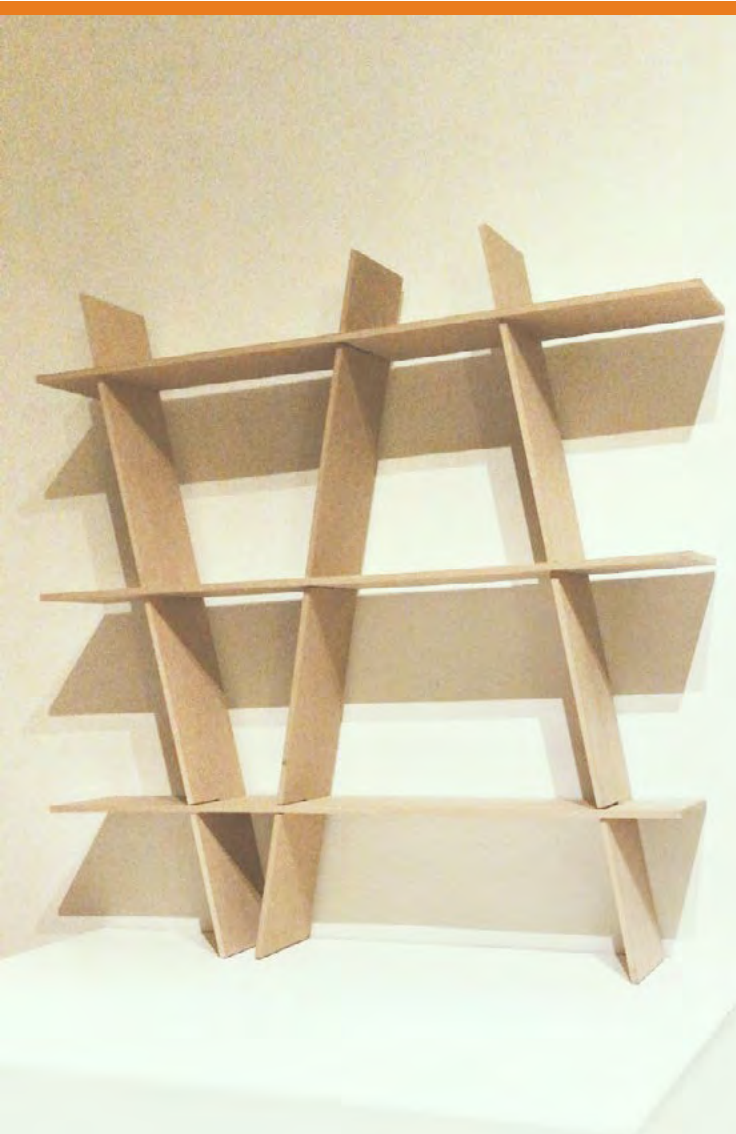




The roses are folded from translucent paper, the edges painted with nail polish to achieve a sense of depth. The origami flowers are held together with wires, hot glue and ribbon. All together an they form elegant and durable **wedding bouquet** and **groom boutonniere**.

A simple and cheap shelving solution for the student house. Friction assembly for structure, and fully **collapsible and portable**. This MDF shelf uses the tension of angled counter-forces to remain rigid. A mere 1 hour of design and production and a 4 euro price.

making things



and rings

Alex designed “The Eternity Ring” for Merve. Two infinite loops interwoven with each-other, symbolizes the couple. The central pearl is the anchor point of unity and forms the new universe, the new life formed by the union. The ring was developed **with a Grasshopper script**.

Merve’s ring for Alex encodes the song she wrote for him. The top and bottom edges are drawn with the notes that corresponds to “Koca Turuncu Adam (Giant Orange Man)” in the song. Both rings are produced in Grand Bazaar by the talented craftsman **Aret Çolakyan**.



travel - explore - paint

VENICE?

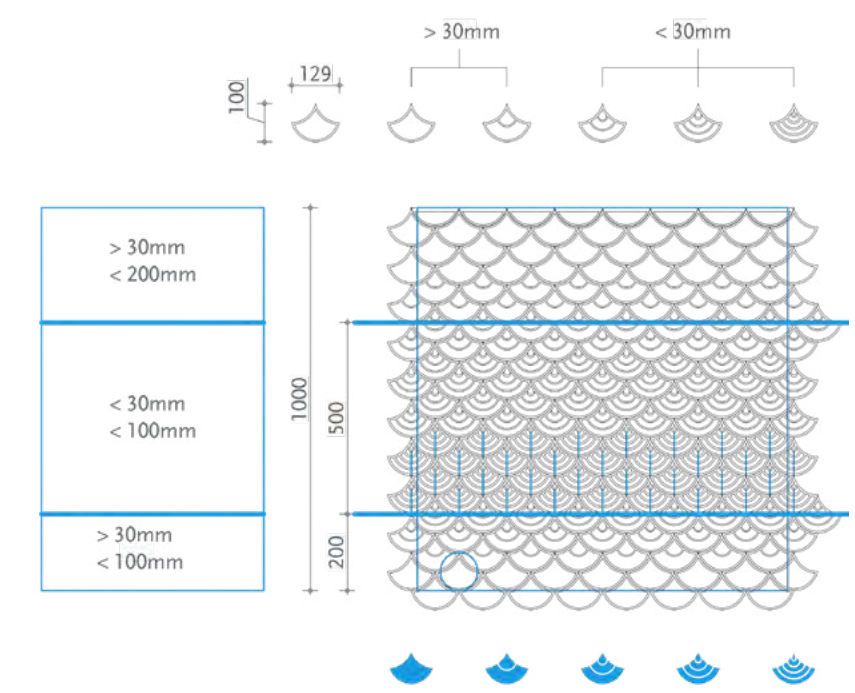
HAVE YOU BEEN TO

unfortunately not sponsored by turkish airlines

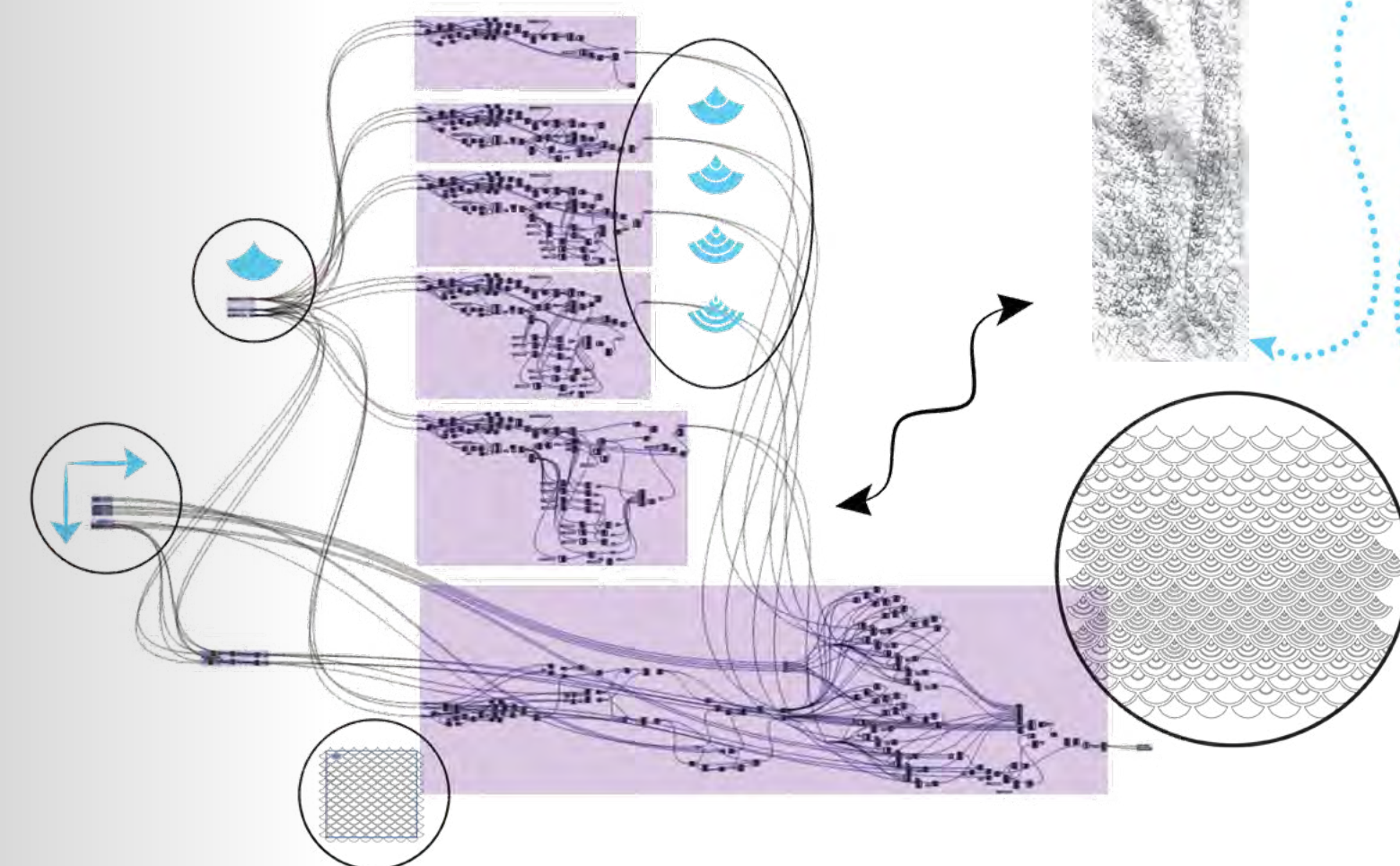
Construction and Expression

De Krijgsman project with AbbinkxCo that is under construction has a varied and eclectic feel, with each local zone having a unique identity. One such unique characteristic is the nautical theme along the canal. Utilizing the safety regulations as parametric restrictions for gaps in the railing design, a system for custom laser-cut fish scale openings is developed.

The grasshopper script enables local scaling to fit any panel size while maintaining a simple geometry for production. The mass customization capacity of such production methods means that each railing will be different and the shimmering pattern will be as varied, yet cohesive like the ripples in the canal itself.



The Parametric Scales of a Mermaid



A Fairy Tale Focal Point

Acting as a focal point at a cross roads, this house will host an art piece that will act as the origin point for all subsequent rail scales. The aquatic motif is anchored on the fairy tale from the north- The Mermaid. The form of the mermaid is abstracted using the scrip logic and the silhouette is extracted. A series of application studies of the facade show the transition from the standard wood finish, to a commissioned painting, to a subtle form along a white background, to the final contrasted silhouette expression.





ALGORITHMarchitect

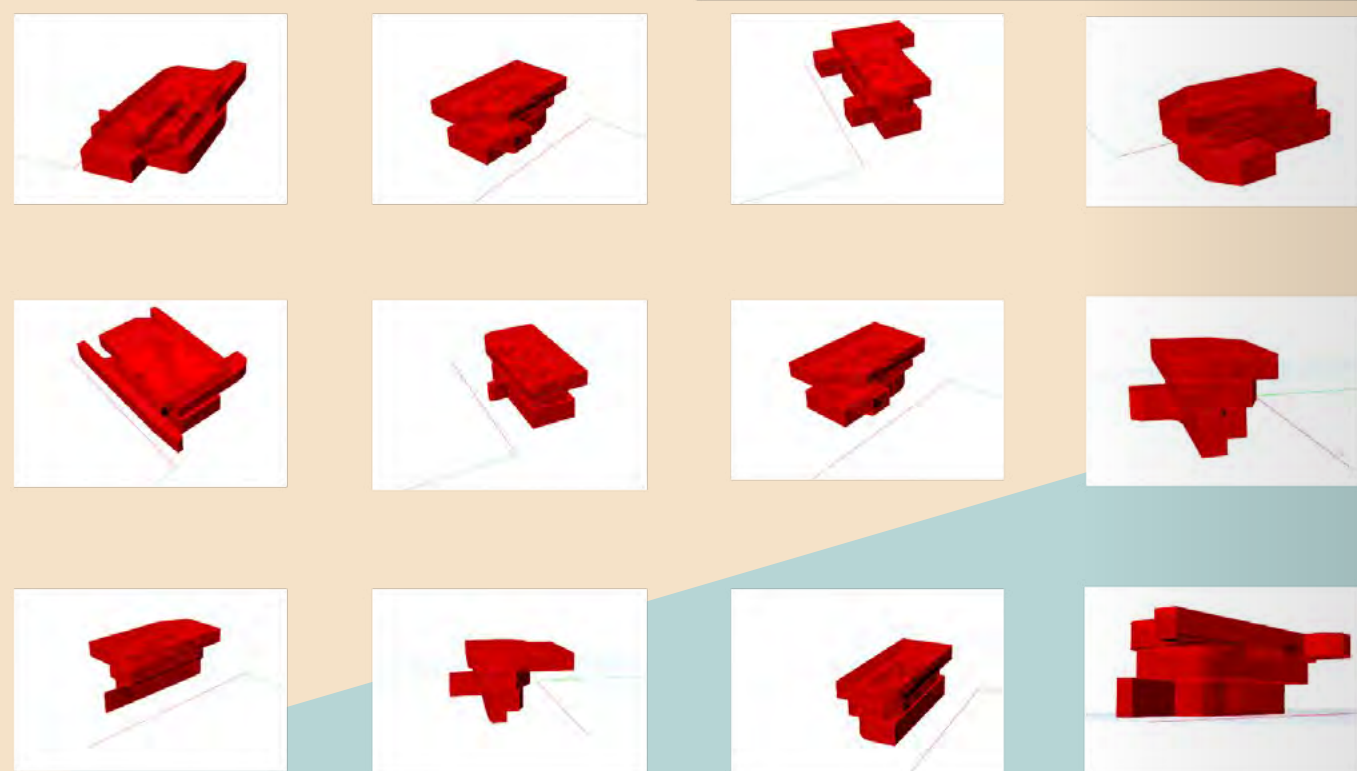
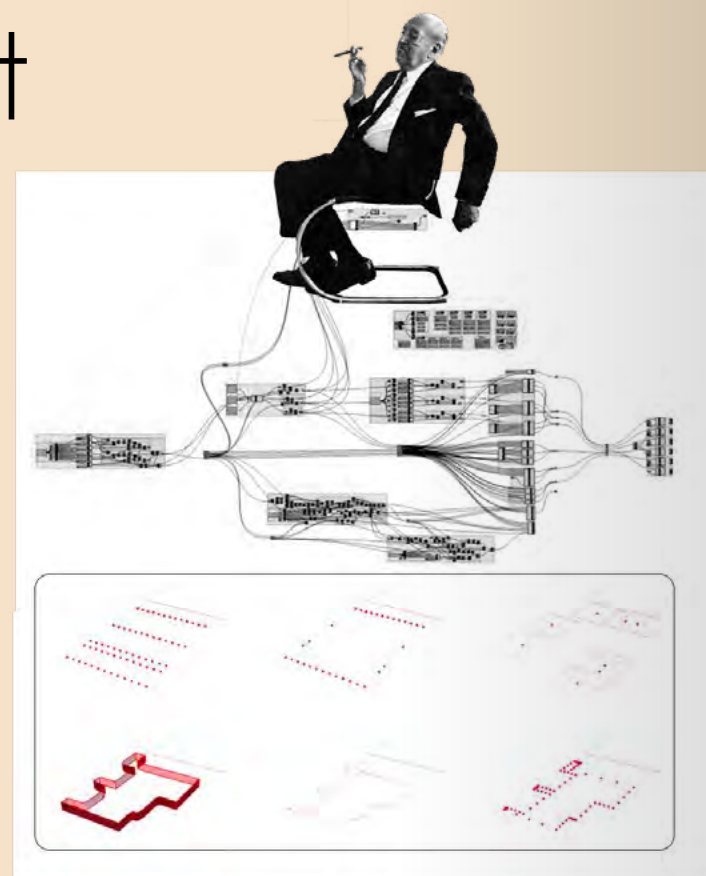
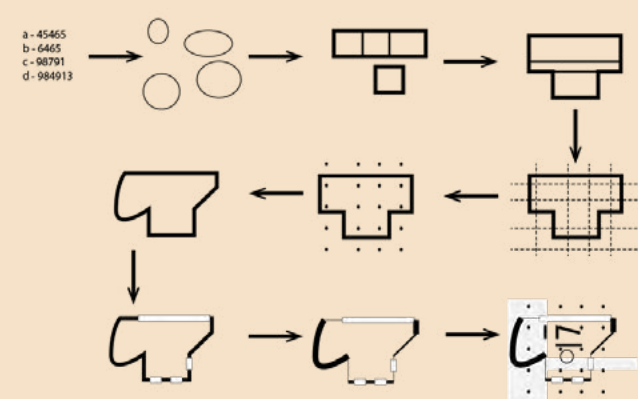
Starting from a **modernist** history with a **postmodern** twist, the development of a script capable of creating a fully fleshed out building is the goal of this exercise.

The script goes through a series of stages articulating a floor-plate along a grid with three diverse floors.

A **library of components** with different architectural styles are set to populate the massing.

A twist of materiality adds another layer of complexity. The final result can be modified as a mass, as a stylistic collection and as a material presentation.

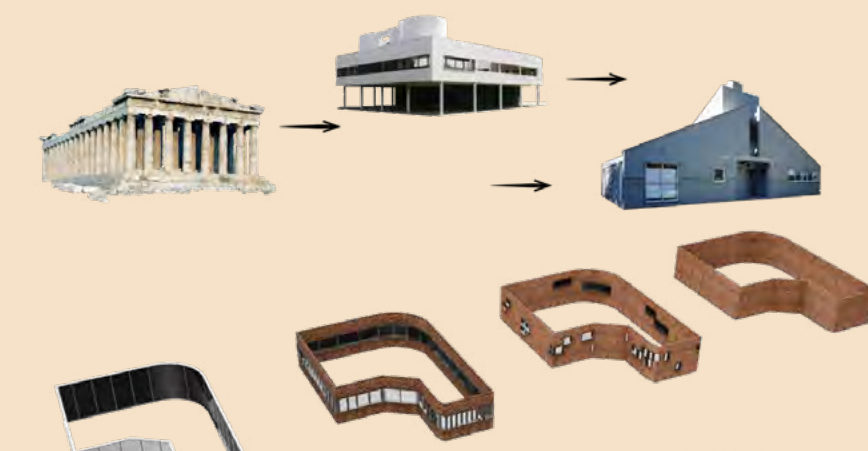
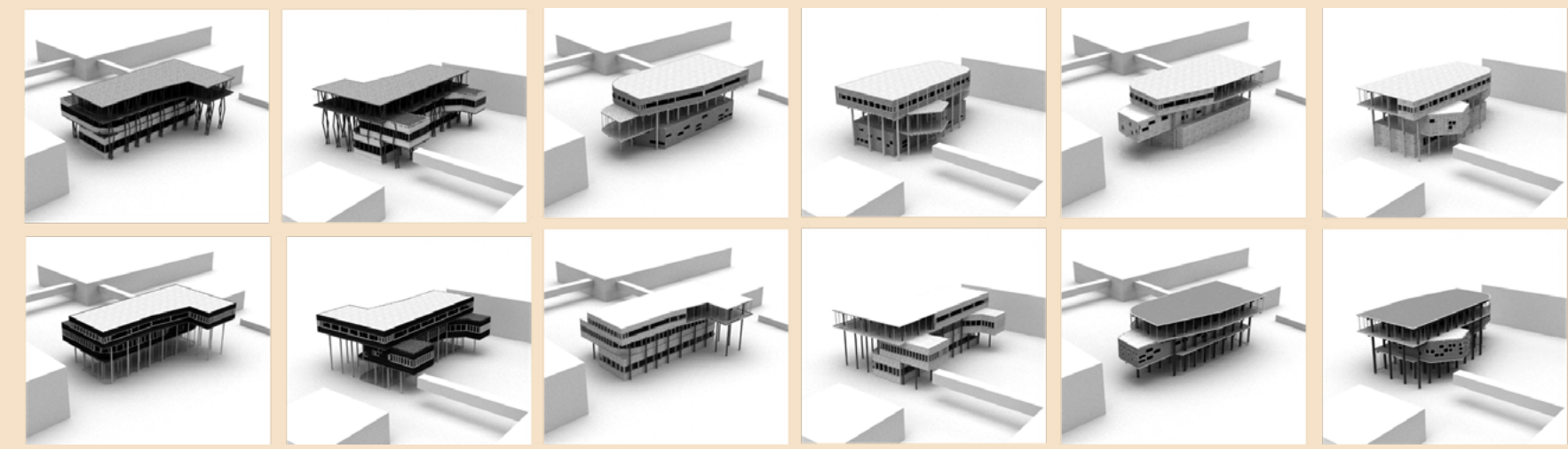
These **gates of control** offer the designer infinite output options.



MODULAR FORMS TO MODULAR SPACES



Providing a place for changeable **exhibition and construction**. The different floor-plate configurations enable multiple flexible uses for the university design departments. The process of changing the **interior configuration** becomes an **exterior performance** and a community

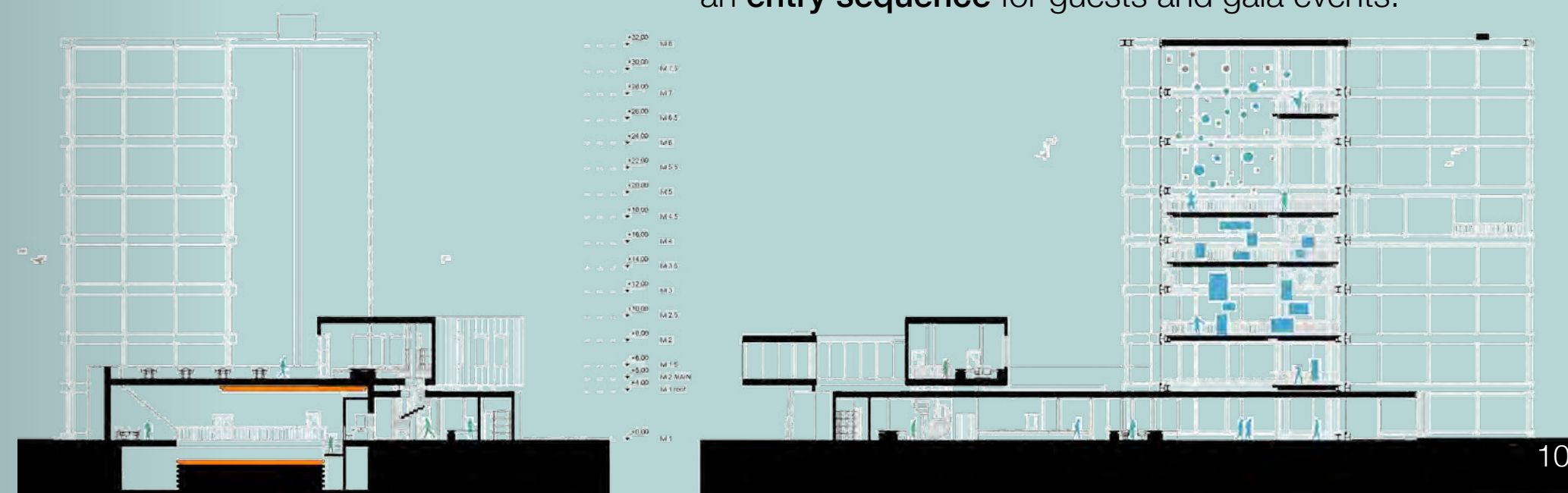


The **final output** takes on the values of library objects that are available for the composition and their materiality. The sections of the facades are able to vary from an accepted massing. At every stage there is opportunity for **variation and exploration**.



FLEX tower

The **supporting spaces** provide storage for the flex floor-plates, an observation point for facilities management and an **entry sequence** for guests and gala events.





3D CONCRETE PRINT

VERTICO.XZY / TU-EINDHOVEN

This year was the introduction of 3d concrete printing for us. The facilities at TU Eindhoven have been busy producing prints for a 29m bridge in Nijmegen. I have been assisting with the print, working hard to maintain a steady flow of cement for the mixer, and providing quick disassembly and cleanups for the extrusion mechanism at regular intervals. Lots of trial and error and many buckets of concrete later produced the set of 4.5 ton sections that will be tested for structural integrity. The team of 5 people working nonstop for 8 hours produced two sections in a day. One part of the team handles the nozzle operation, dealing with concrete pour clean up and adding reinforcing filler for concave elements. The second group deals with the supply of material, managing the palates of cement mix, maintaining water pressure and adjusting the robot speed for the print head. The crew would switch stations periodically while maintaining a clean and dust free work environment.

A contrast to this rigorous structural print, an artistic sculpture was produced in the VERTICO facility for display in Eindhoven. This abstract composition was also assembled from a set of septate pieces and it was a pleasure to be a part of both unique printing experiences.

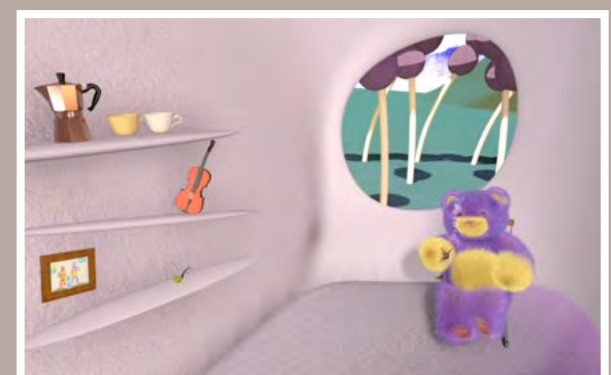


So that's how PIXAR moves it!

Last year Merve decided to push her thesis on Eurovision Stages one step forward and recreate classic Eurovision performances on new, high tech stages. She made a list of skills this project required, and started learning **Motion Graphics**.



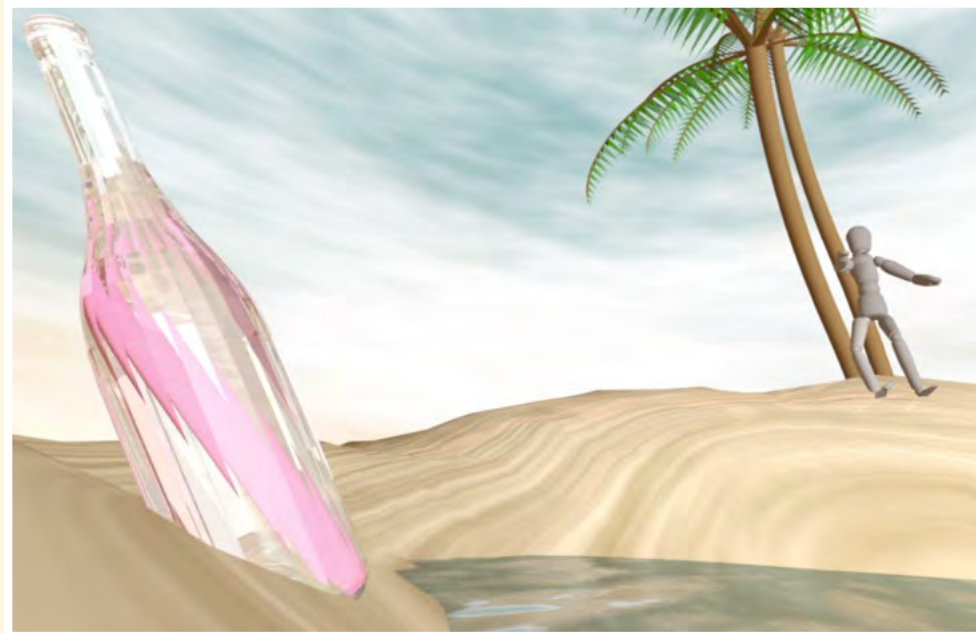
Modeling characters, creating their *environment*, setting a color scheme, arranging the **light and cameras**; **rigging the figures to bind their movements to a virtual skeleton**, animating the movement...



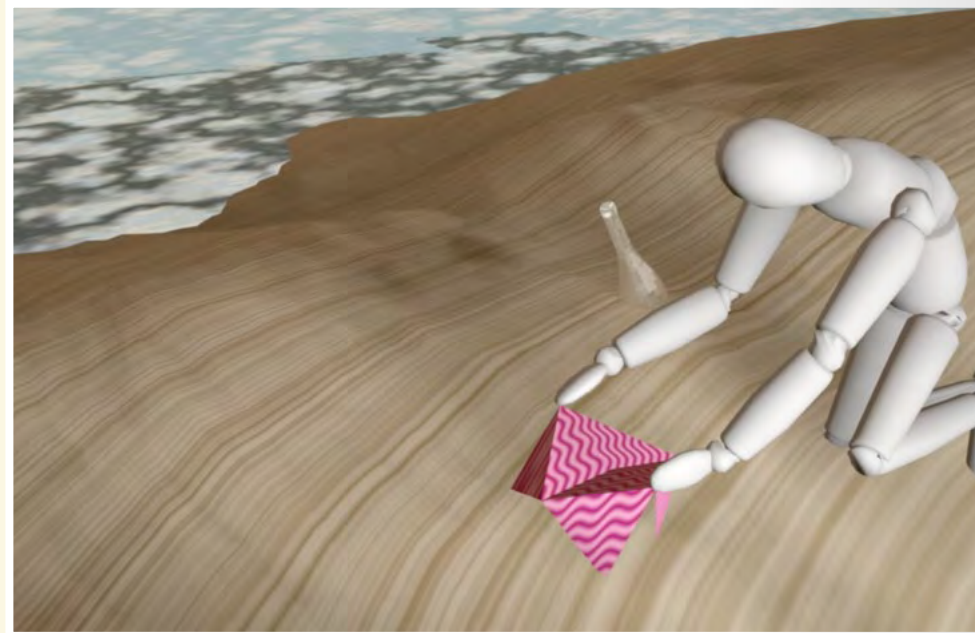
I made two single minute videos and enjoyed every step of the production process.

You can **watch** the purple bear in action, by **clicking on the images**.





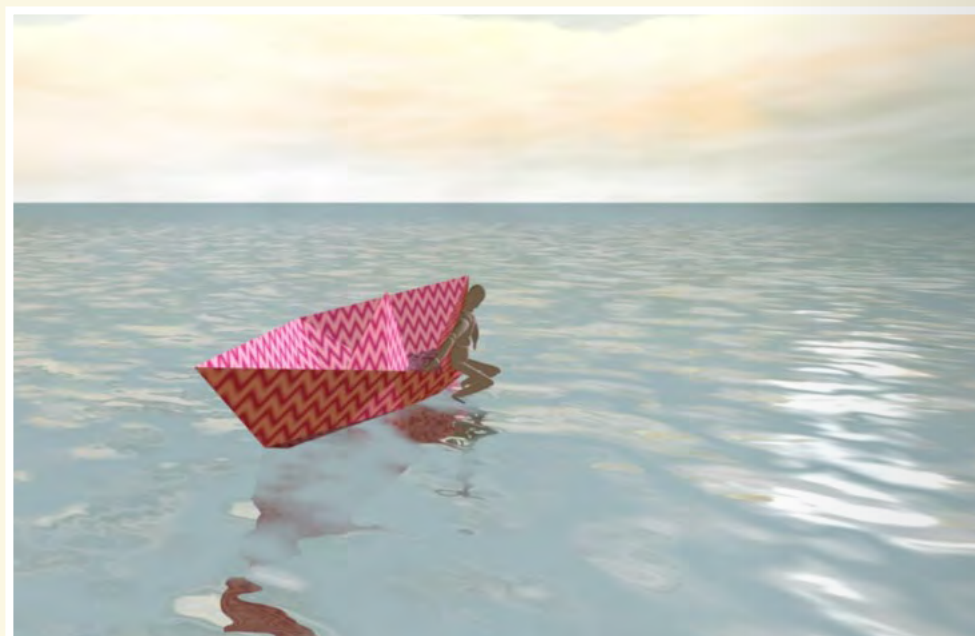
It is not difficult for Robbie to notice the message bottle the moment waves bring it since he has spent a desperate and long time there.



He immediately gets the paper and folds it into a paper boat.



He uses his magical powers to scale the paper boat up, later he uses the boat to leave the island.



To see the whole story please **click any of the images.**



BABY PORTRAITS



ketenthepainter

FOLLOW



1204 likes

ketenthepainter #babyportrait #watercolor #pencildrawing #art #portrait

NOW ON INSTAGRAM

order one for yourself or your loved one

BIODESIGN TEAM TURKEY

co-healing



In 3rd Biodesign Workshop, together with Ceren Öçal Dirican, Nursenem Şaşmaz and Senem Sipahioğlu, Merve tried to define a new function to self-healing concrete. Making people observe the process and realize how biomaterials could be magical, was the main purpose.

The boo-engineers within the team, researched the fastest components and informed with the maximum size of the cracks that could be treated within the system. They also made sure, the healing starts with a human interaction.

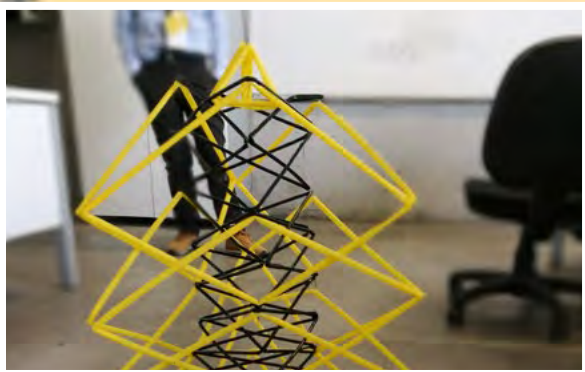
The initial design, a simple model made out of clay, plays with the interaction and the experience. Simply, the user is ascending to serve a greater cause and gets an intimate moment with the magical object, finding a moment to face their position in public and their willingness to overcome the challenges, and despair caused by the trauma, and see their efforts are not useless.

The revised project, is scaled up to a monumental building. The interaction is less isolated, emphasizing the grandiosity of the disaster.



WORKSHOPS

agile concept development



Developed with an international student team hosted by TOBB university at Ankara. The jumping tower is a product of research of tectonics, composition and geometry.

The multi-layered expandable structure becomes a kinetic object. A vessel of exploration, tetra-forming, function and climate adaptation and mobility.



jumping tower





Creating
a new corporate
identity,

Applying
an existing one to new
marketing materials,

Cohesive application,

Logotypes, business cards,
brochures, presentations
etc.

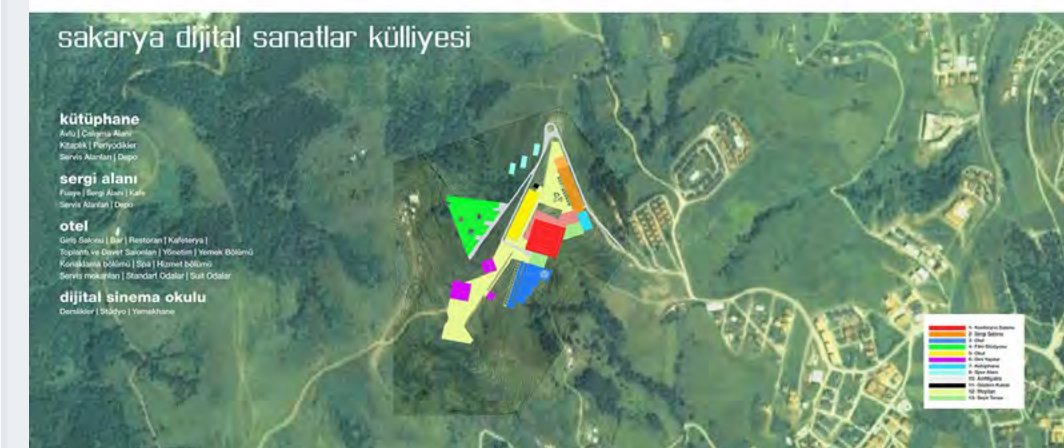
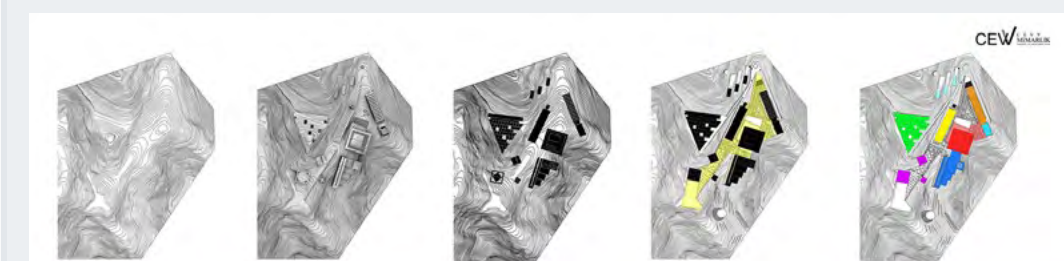
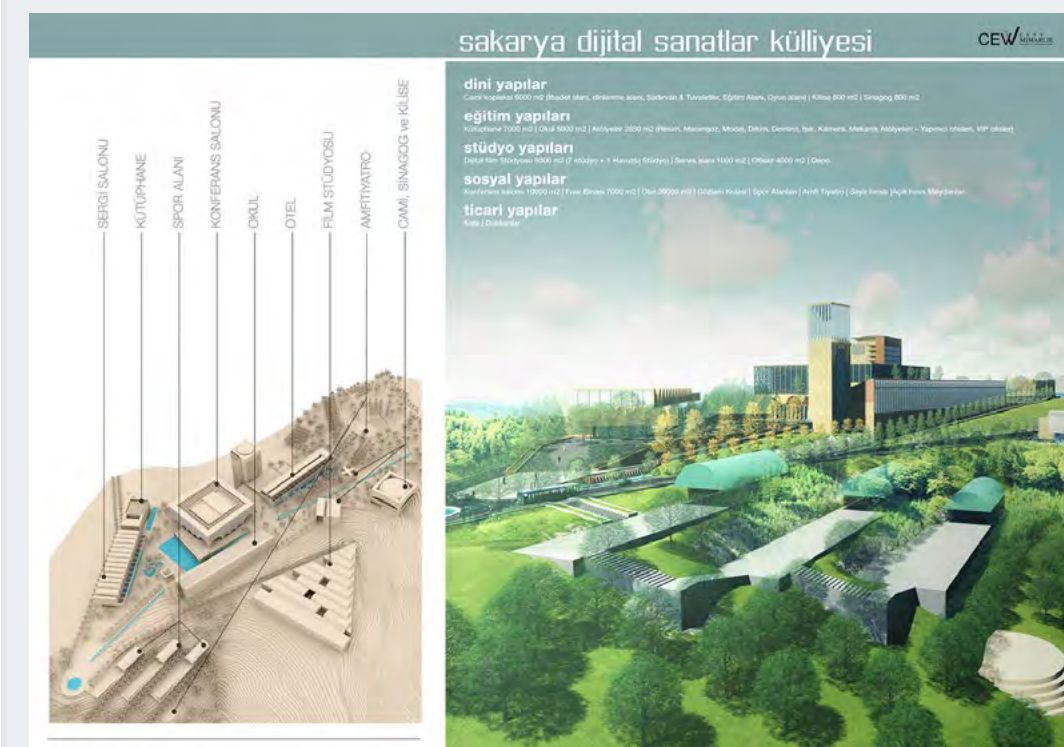
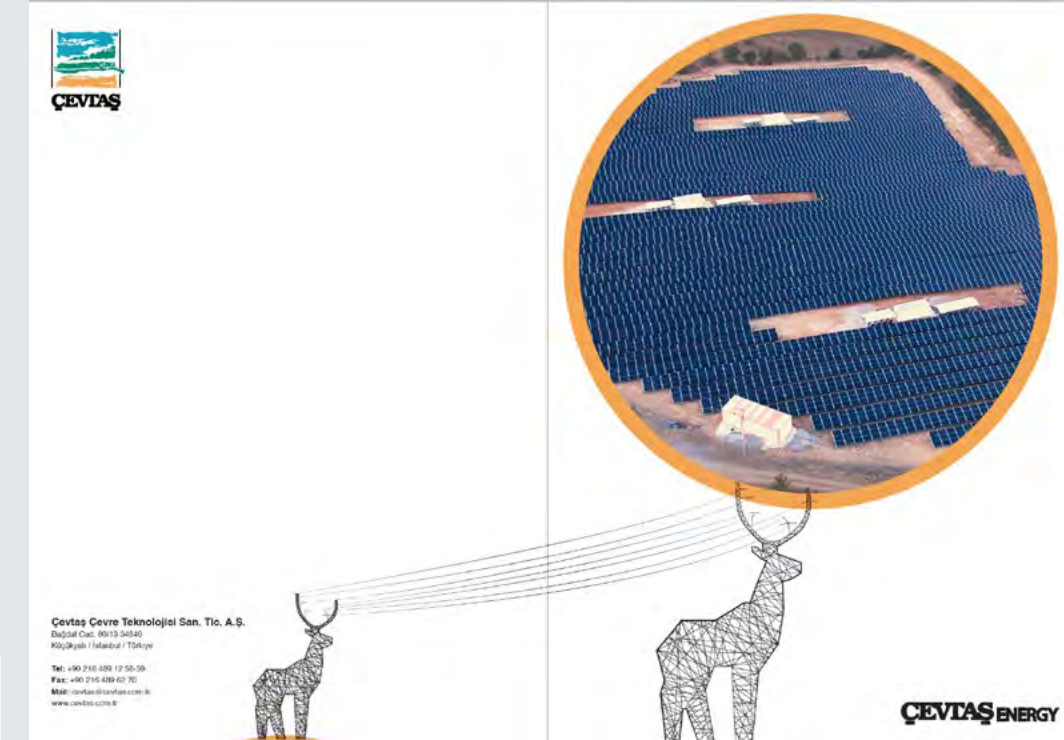
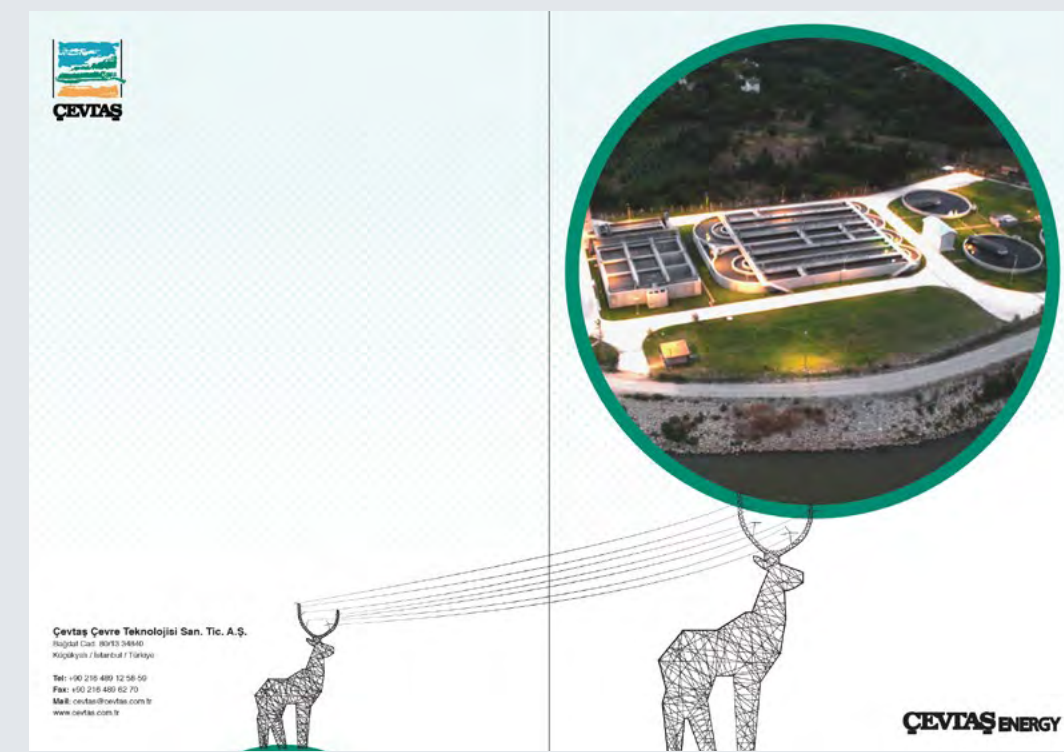
Determining a **graphic style** for a company or its line of products is essential for a professional and **easily identifiable look**. With a set of lines and colors, it is possible to tell the **whole story of the company and position the brand in the market**.

Some projects require **understanding the original brand identity, creating sub-brands and applying them to new marketing materials**, such as presentations or brochures with a **contemporary touch**. It is also possible to merge several identities for special collaborations of two or more companies with strong visuals.

Merve worked with **Intellica** to create a designerly communication between the IT company and its possible clients, for their two services “**Retouch**” and “**ICC**”. The logotype for the first and the presentations for both, reflected Intellica’s and sub-brands’ identity in all the possible visuals.

Merve & Alex designed logo types and business cards for Melis Zararsiz and Nikos Chatziliass. Both of them advise people about healthier ways of living therefore a connection to nature universal energy as well as vivid colors were thought in the design.

BRANDING



DISCOVER YOUR DESIGN

360 ° panoramic images help your client visualize their new space.
Presenting: Asten, by Arches Architects, Eindhoven

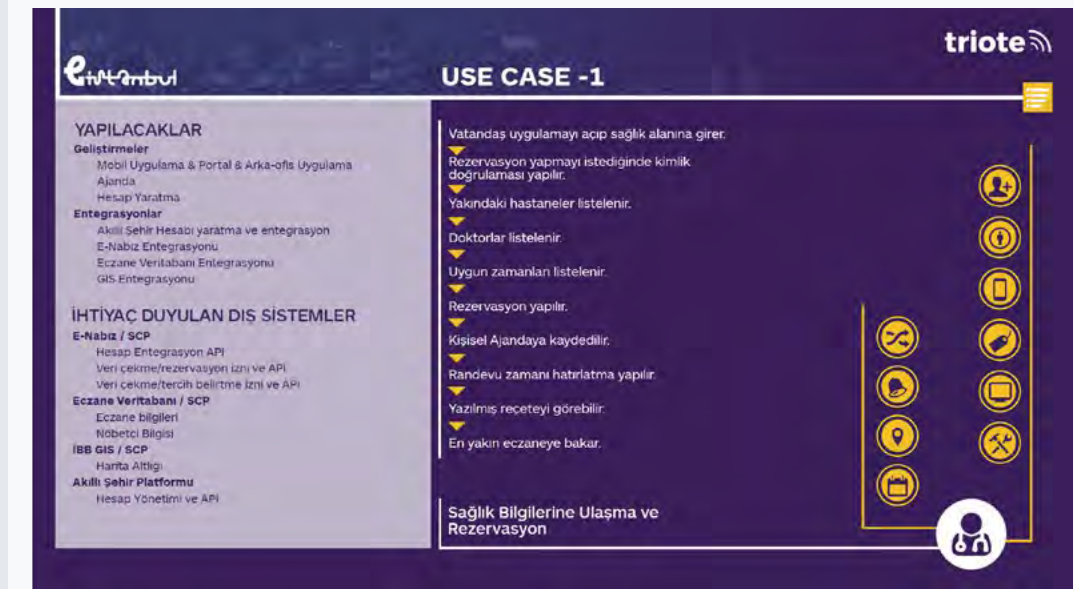


Merve designed brochures for **ÇEVTAŞ Energy**, working with Atom Okumuş, and updated their style to a more contemporary one, hoping to stand out amongst competition.

CEVV Mimarlık requested a cohesive and impressive presentation for their architecture project. The challenge was to capture the tone of Sakarya, the designated location.

Triote asked for assistance to stylize their presentation of “e-istanbul”, an application suggested to Istanbul Municipality. Naturally, the **style was a combination of both sides of the possible collaboration.**

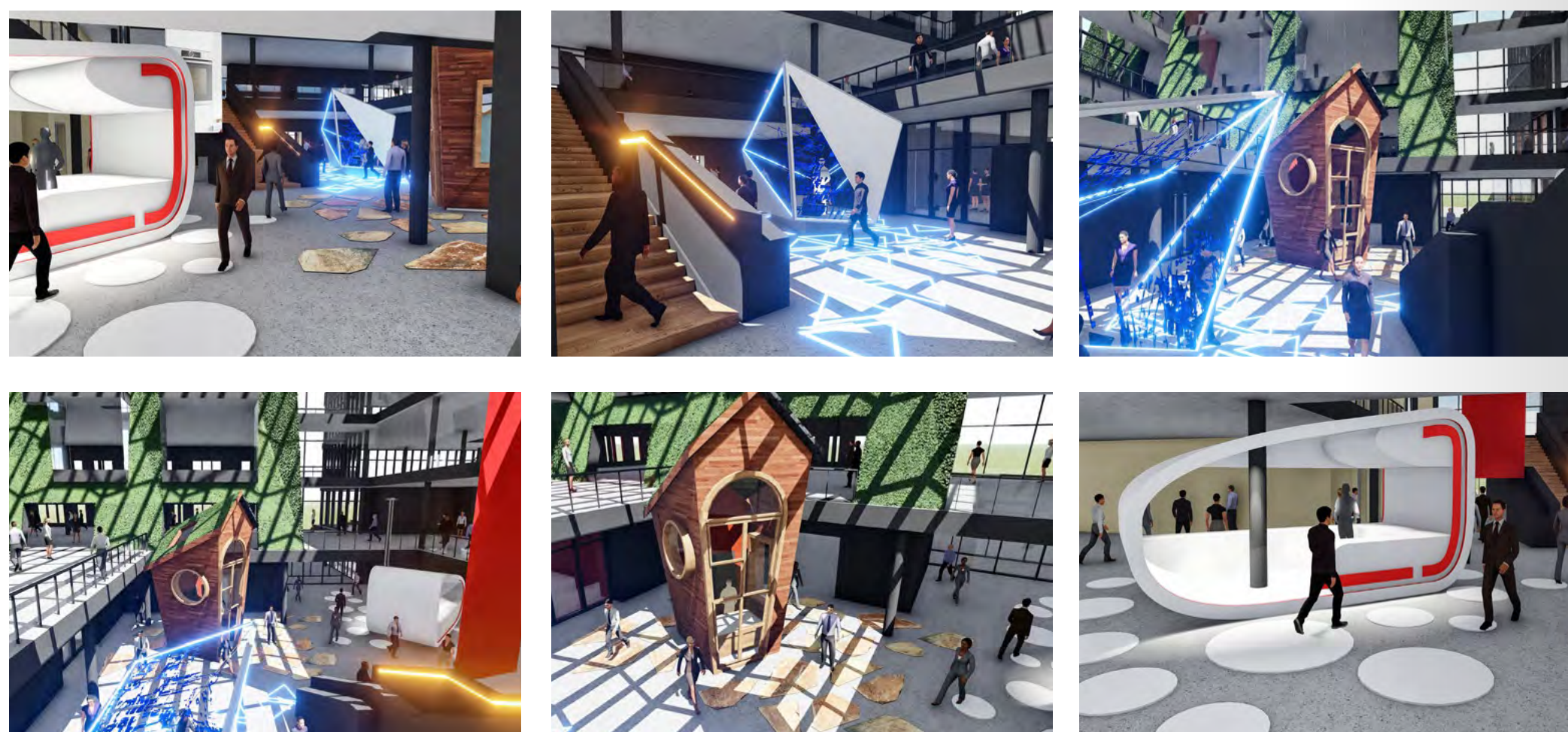
The Karpovs offered similar services to several other companies, including Kılavuz and Som.





events: the business playground

An interactive showcase of brand and user interaction, core identity, beliefs and style.



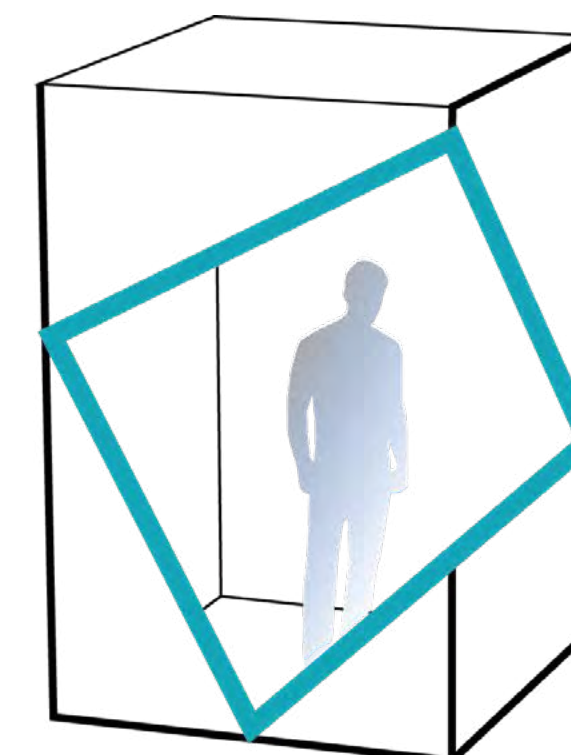
The sketch proposal for an appliance firm, with **diverse brand identities**. Working with **Jan Fabel**, this event would present the critical factor of the user and their specific **life style and goals**. This atmospheric context would redefine the relationship between the **objects and users**.

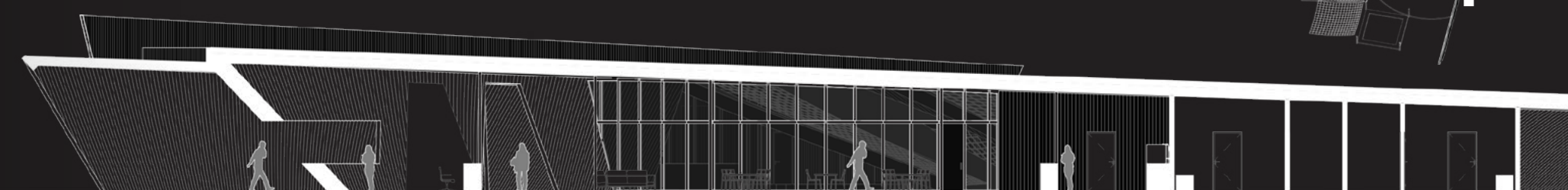
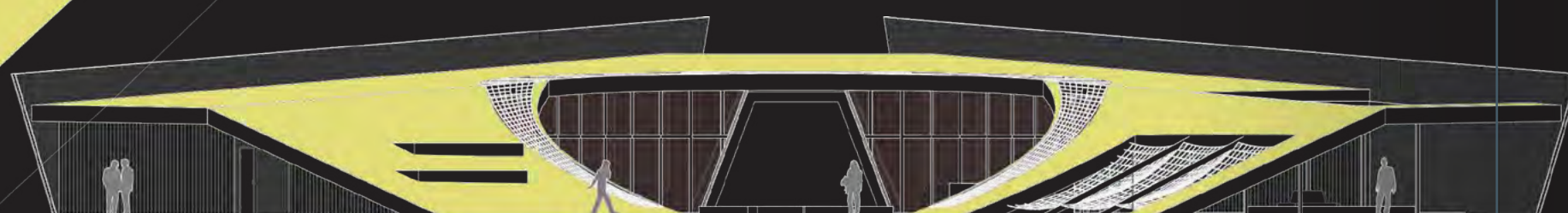
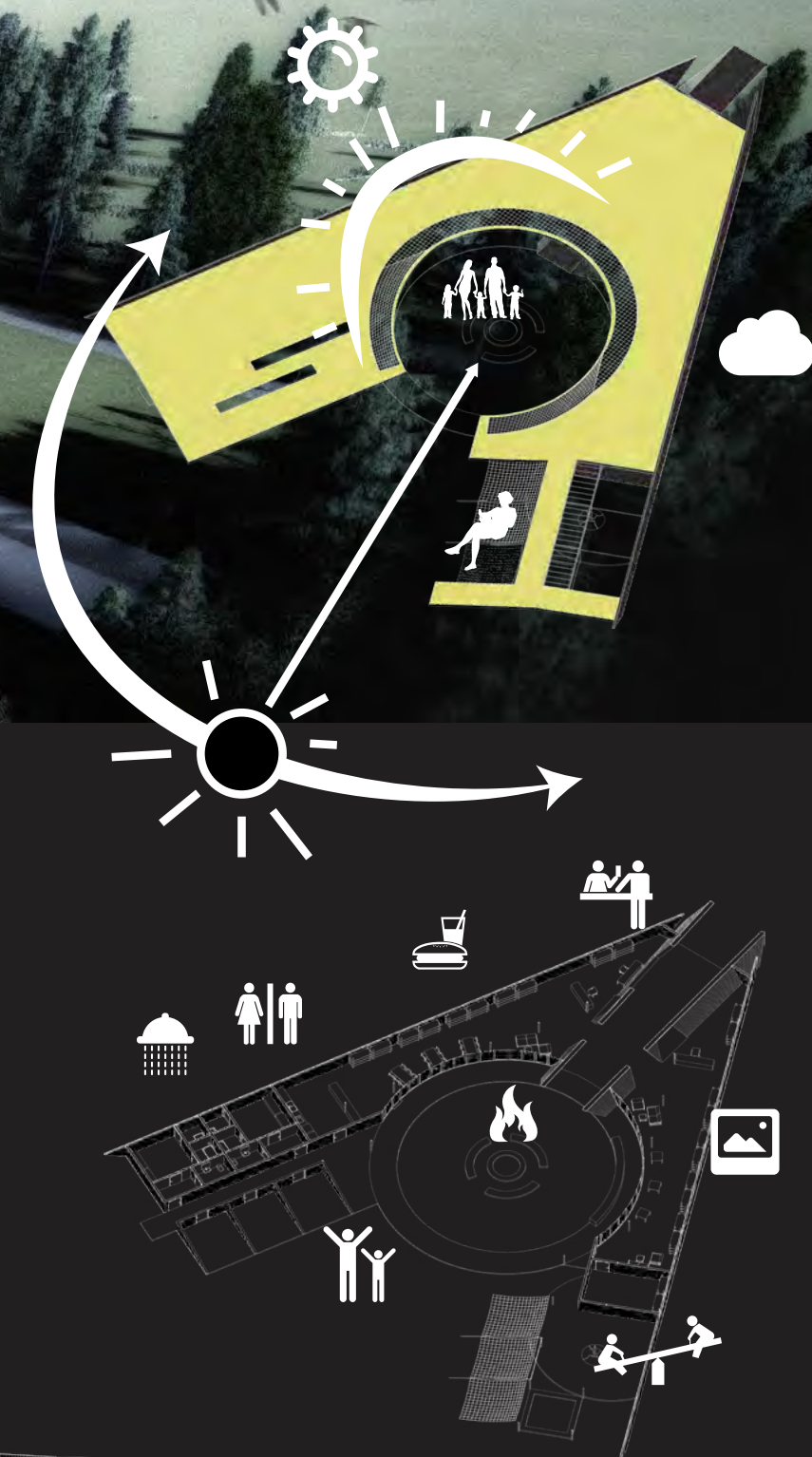
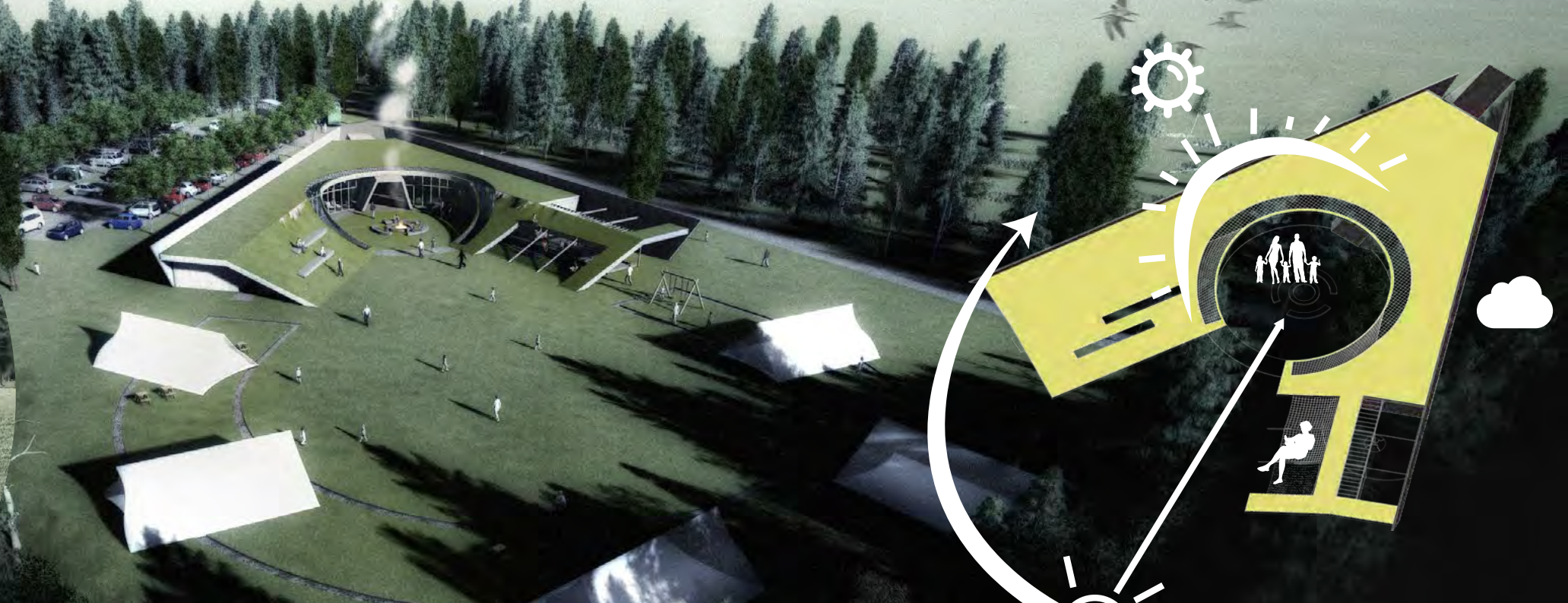
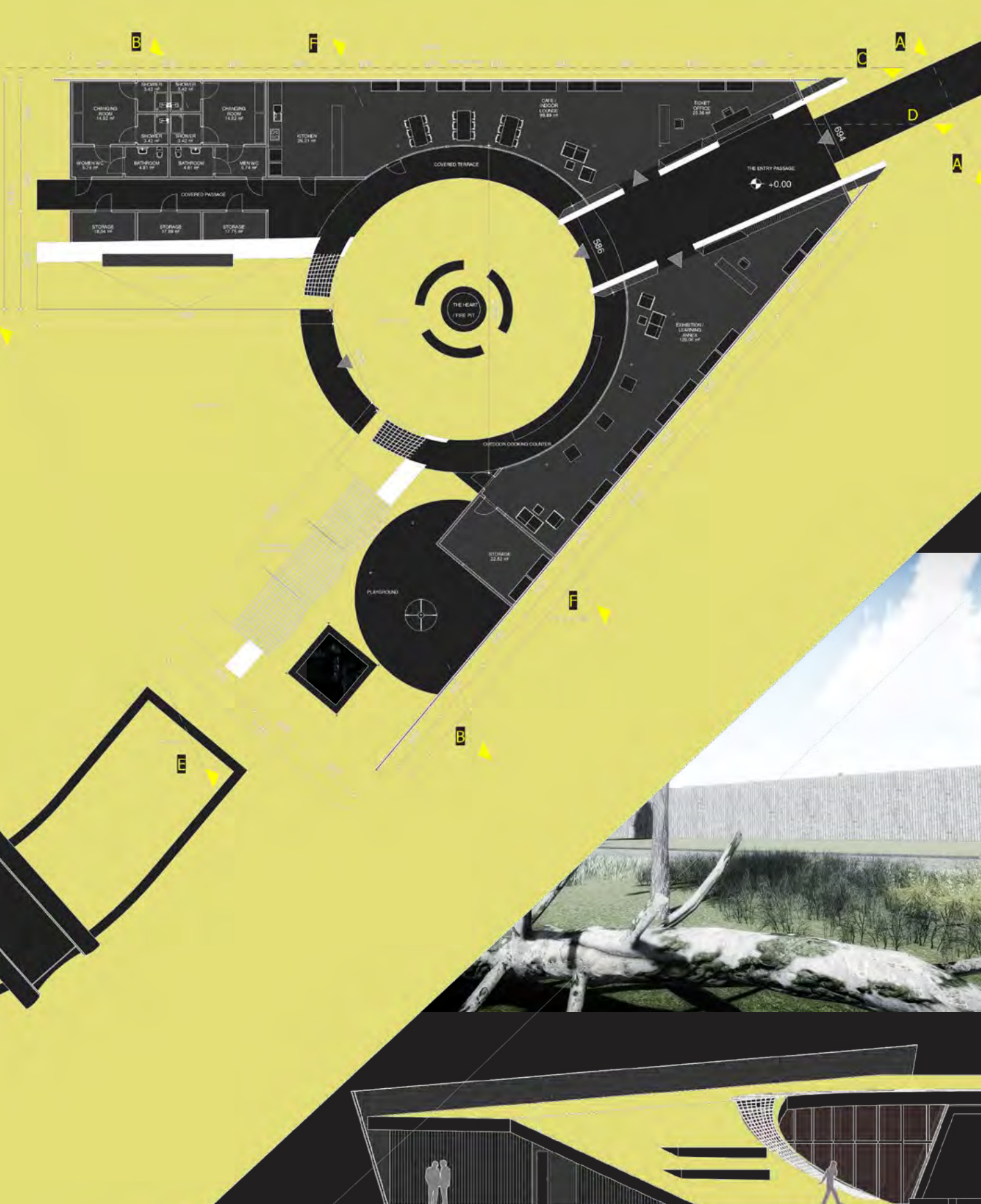
The pavilions are part of a larger cohesive story and path narrative. Each maintaining uniform qualities while showcasing the **individual identity** with its graphic impact.

Three brands.

The contrast between the accessible, edgy and naturalistic as a setting for the same functional objects result in the **diversity** of forms, interactions and feelings.

Three stories.



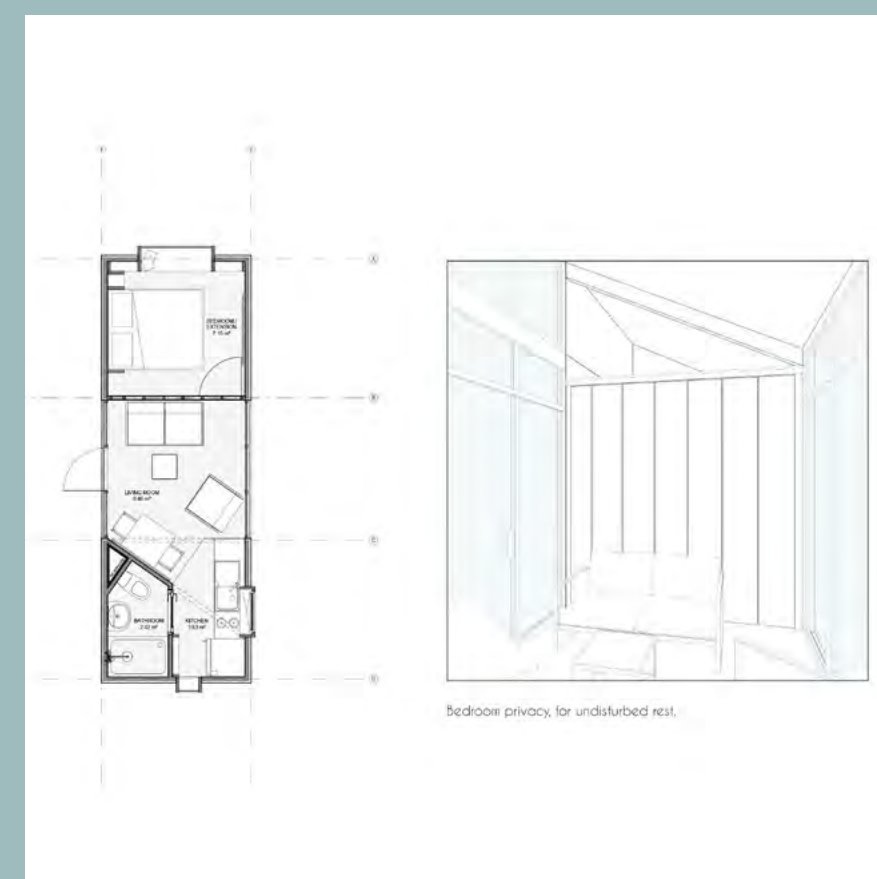
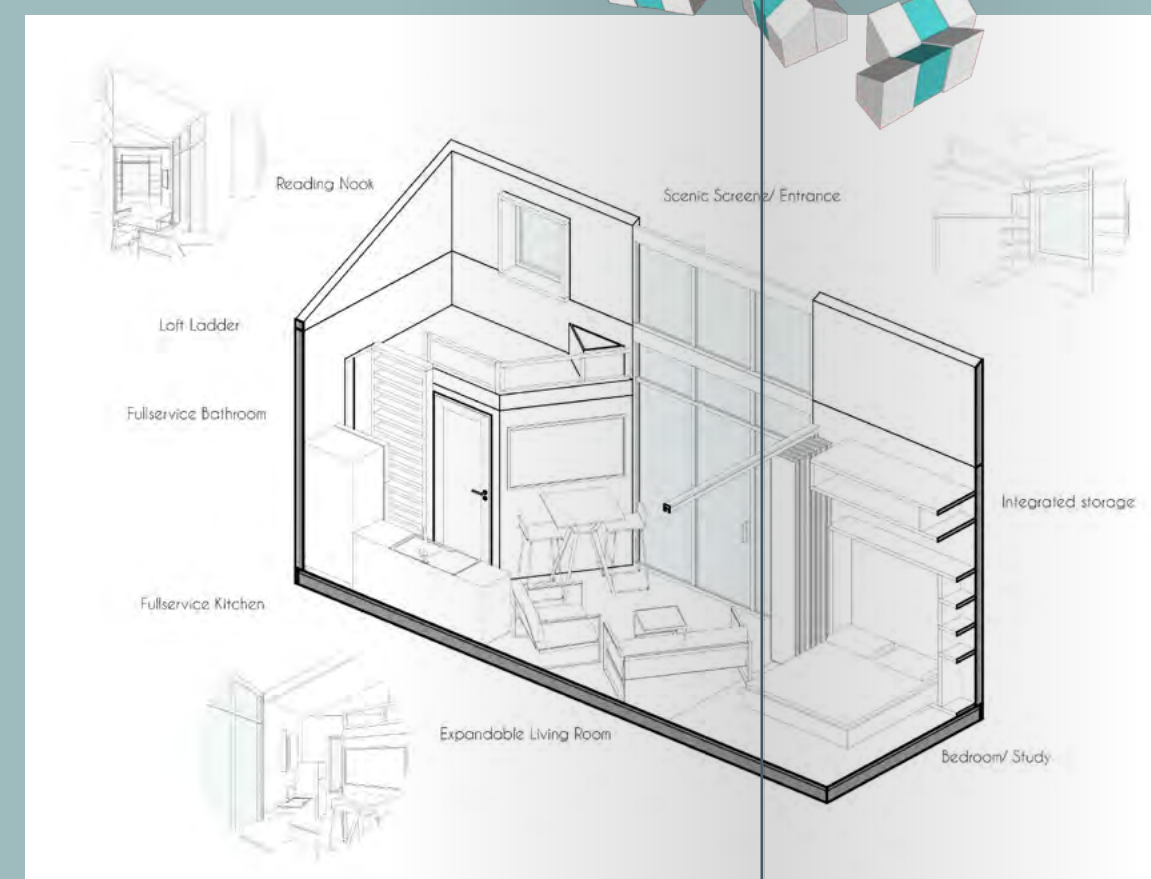


COMPETITIONS



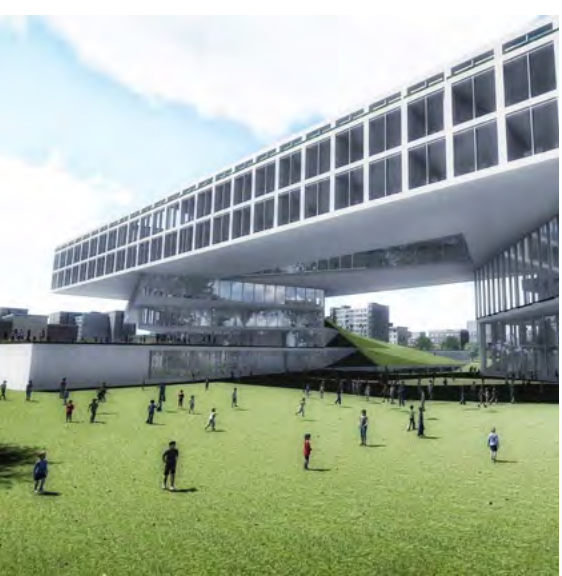
A Proposal for a Latvian Park visitor center. TENT HILL focuses on the community formed around the camp fire. The building edges hide the road and parking, funneling the visitors into the landscape. On the inside the green flows over the roof, minimizing the intrusion.

This modular house concept provides a set of variable layout options within a small space. The partition and built in furniture enable multi-room privacy and larger social gatherings. Adding modules provides the capacity to expand the dwelling.





NATURE'S GATEWAY



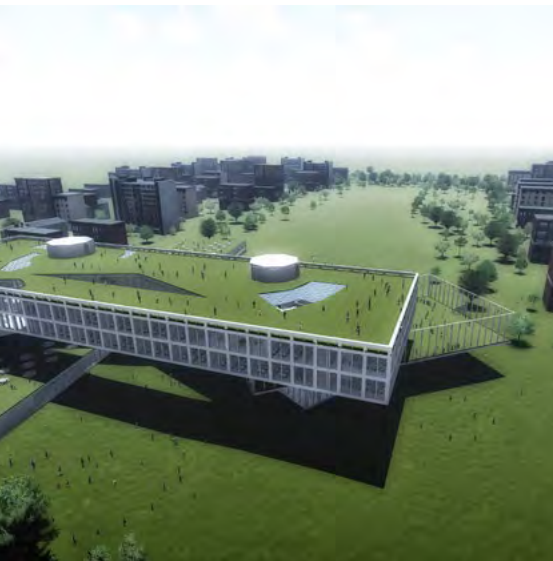
SINT-TRUIDEN

The railroad of Sint-Truiden divides the historical core of the town from pastoral fields stretching out to the horizon. The development of the city started to wrap around the station along two paths with an intent to close the gap completely. The city was to place a high school at this location.



The proposal is to use the high school as a community forum, a gateway to this eternally extending natural line, left untouched by the construction. The school facilities, including outdoor functions are stacked on top of each other to maximize public space. The primary educational bar acts as a bridge and gateway to the park. The two flanks are flared out and covered with a hillside as an extension of the park into the school. This forms the public space and expands school functions to the outdoors. The resulting cantilevers provide shelter for the entrances to both public and private functions of this civic monument for learning, social responsibility and nature.

There is an opportunity for an urban intervention that would form a natural park of a scale similar to Central Park of New York. This natural icon for the city would be a draw for the population as well as a statement for the cooperation between nature and human intent.

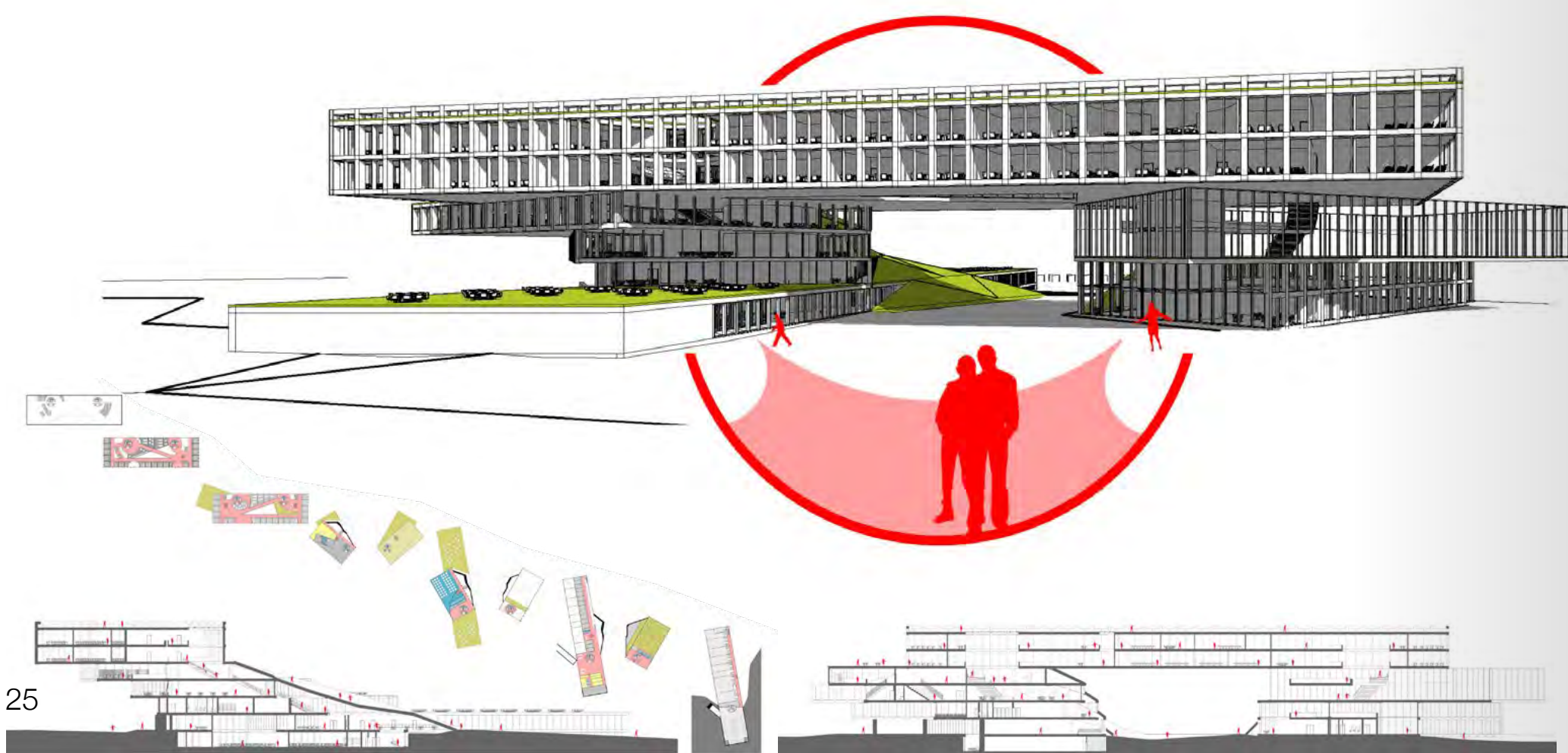


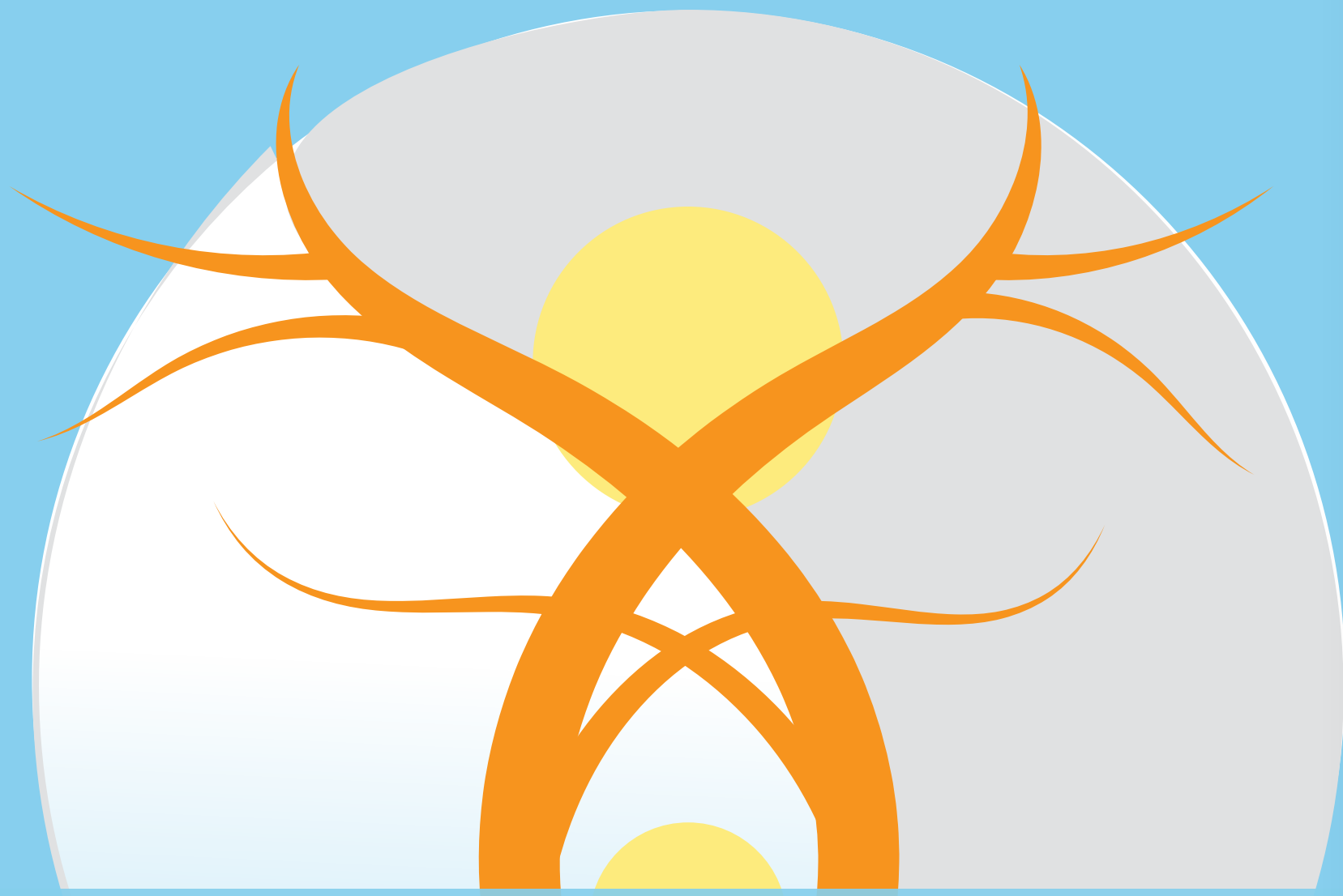
SCHOOL

CIVIC

URBAN

INTERVENTION





VECTOR MAGIC

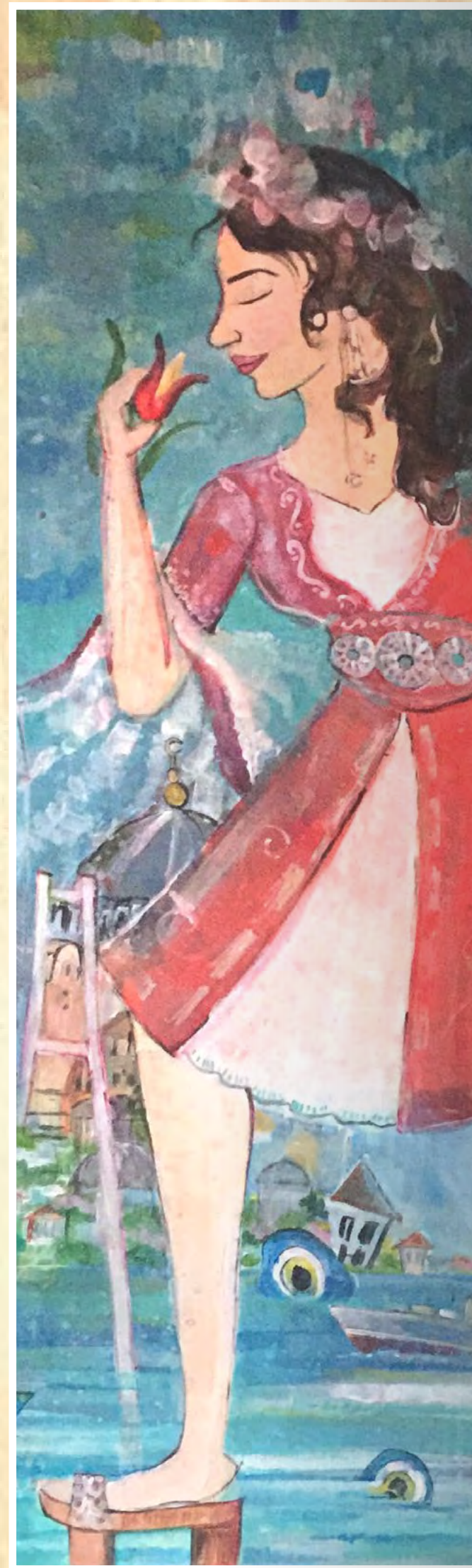
Merve has been working on her Illustrator skills for a while but 2018 has been a turning point. Working with **Face Stickers**, she created or modified cartoonish images.

By time, she noticed she was amazed with the range of functions Illustrator offers and became very keen of the software, using it better and more frequently. Not just out of necessity.

The best side of vectoral drawing is the ease of scaling. The quality doesn't really depend on the initial size of the art-board as opposed to pixelwork. Makes it a better option for any print.

When pixels are not sufficient, just use the other way of drawing things.



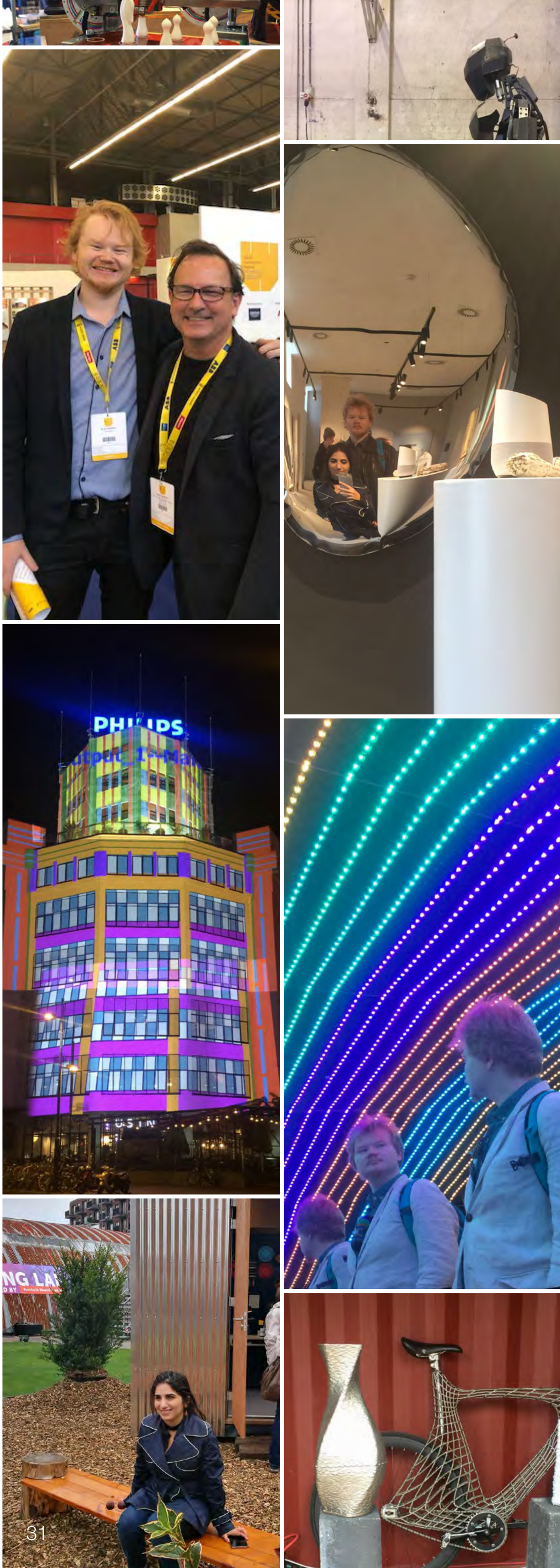


art

with
passion



The pseudonym “Keten” has been alive for more than 10 years now, as a signature on one of the bottom corners of **vividly colored** paintings with **brave brush strokes**. Keten’s unique painting style was initially inspired by **Turkish coffee fortune reading** techniques.



ACTIVITIES

DUTCH DESIGN WEEK

A showcase of ideas and objects in Eindhoven.

MAKER FAIRE EINDHOVEN

Robots and people creating together.

GLOW EINDHOVEN

A festival of light in the open-air citywide museum.

WORLD ARCHITECTURE FORUM

A grand gathering of international architectural talent.

BASED ON THE ADVENTUROUS LIFE OF
HAYREDDIN BARBAROSSA

HIZIR
REIS

COMING NOT SO SOON

2019

OUR COLOR OUR YEAR!



Living Coral
16-1546