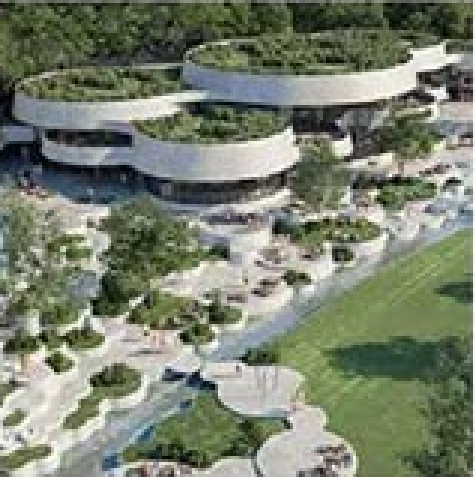


Peter Sovinc

Bali
Enota
Sadar*Vuga
Scapelab
Competitions
Masters AA
New York
Bachelor FA
ART



Peter Sovinc



This project is a commission from Saudi Arabia to make an avant-garde, super modern, “never seen before” villa. We made a project that is as expressive as the desert it is situated in. I worked on this project as a digital nomad from Bali.

Neom Villa



Type:	Private Villa
Source:	Commission
Investor:	Saudi govnrnemnt
Location:	Neom, Saudi Arabia
Square meters:	8.200 m2
Year:	2023
Architects:	Dean Lah, Peter Sovinc, Goran Djokič, Nuša Šilec





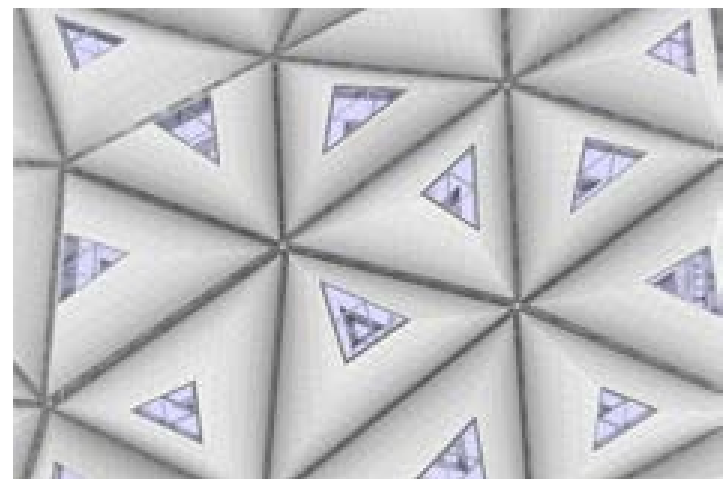
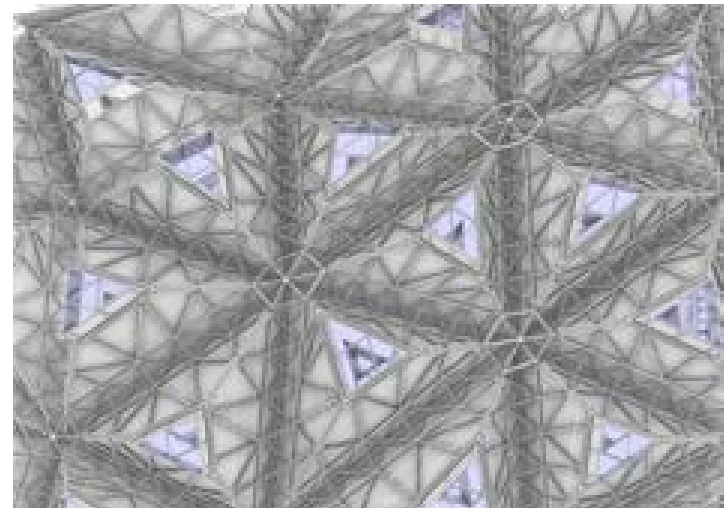
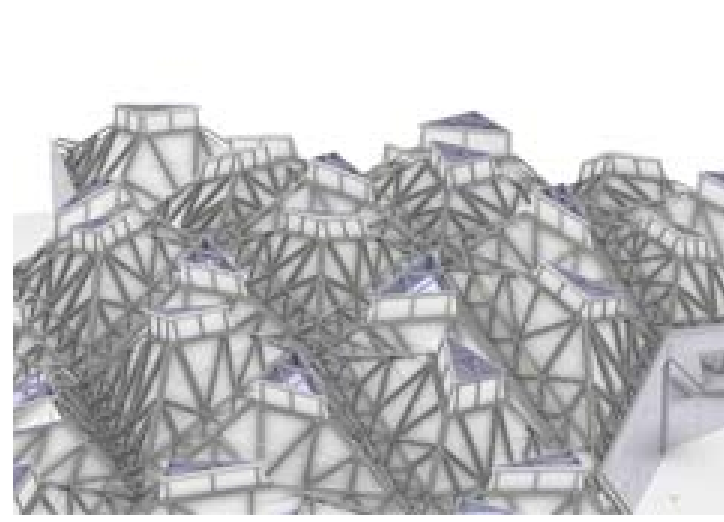
Termalija

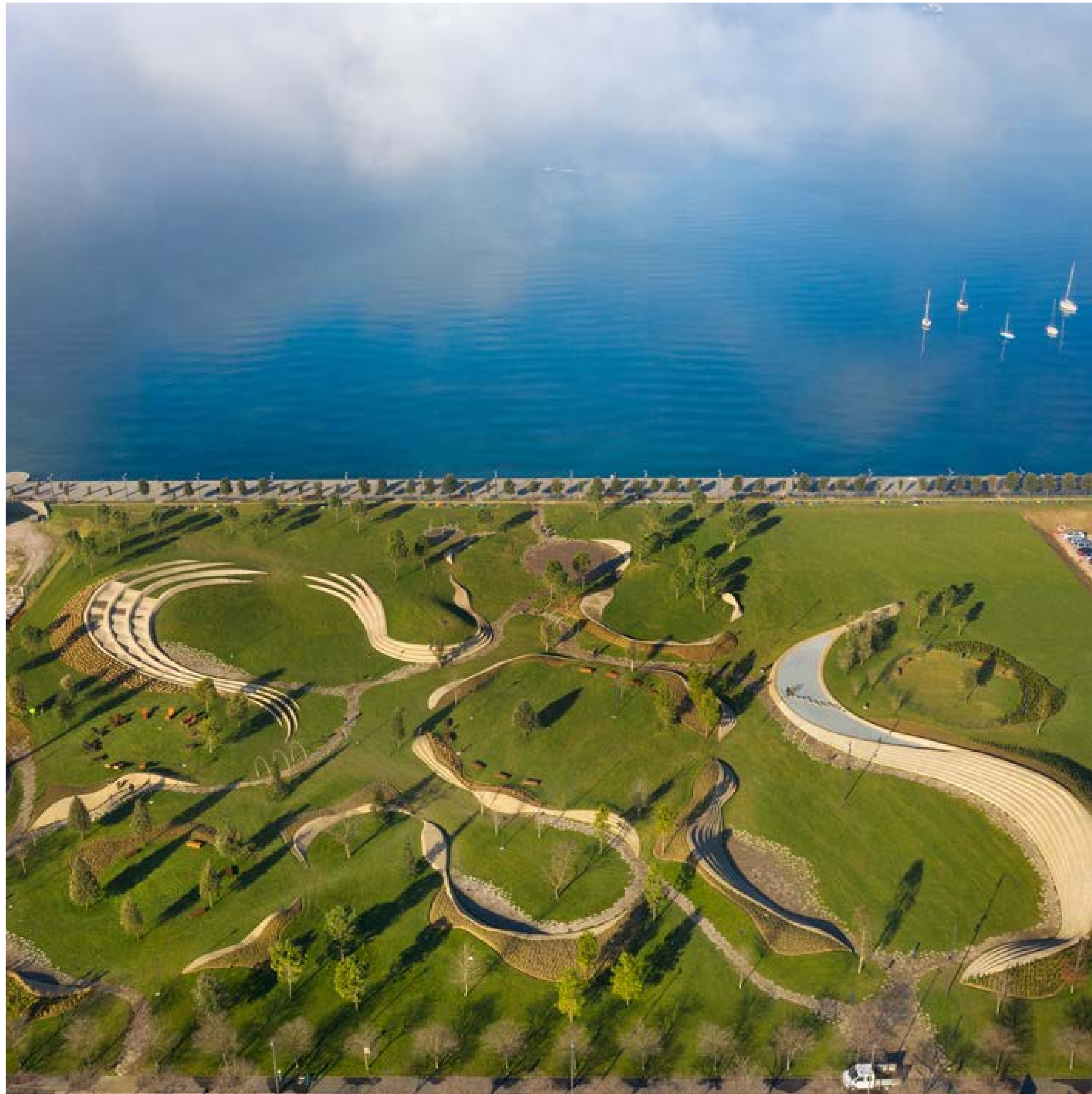
erota

I was part of the team that worked on a whole process from 3d modeling to the idea proposals, helping figure out the design, all the way to constructional drawing. Many drawings were sent to the building site directly from 3d software (Rhino and Grasshopper). Concrete was made from axonometric drawings. (plans and sections simply were not descriptive enough) The steel construction of the roof was made in 3d space, and was assembled on the spot. The geometry created a shape in space. The insulation blocks were also entirely designed in 3d and also assembled on the spot. Glass and cladding was made with millimeter precision. It all had to fit without a mistake.

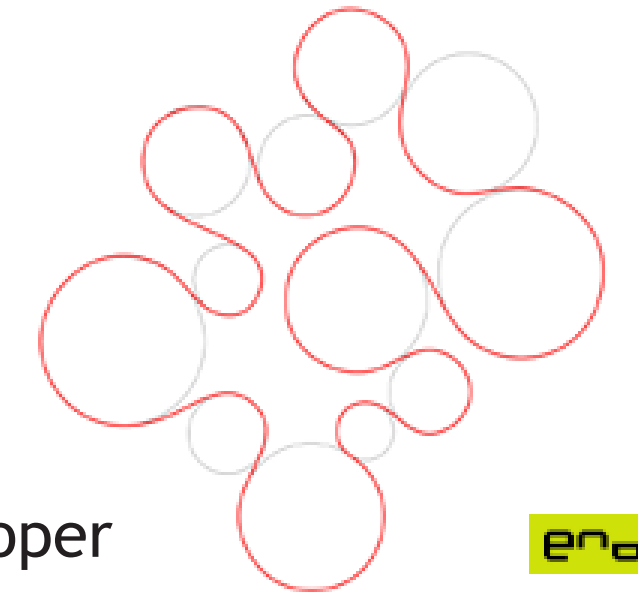
Type:	Thermal baths
Source:	Commission
Investor:	Terme Olimia
Location:	Podčetrtek, Slovenia
Square meters:	8.780 m ²
Year:	2018
Architects:	Dean Lah, Milan Tomac, Peter Sovinc, Nuša Šilec Polona Ruparčič, Peter Karba, Carlos Cuenca Solana







I was involved in the whole process from 3d modeling of the idea proposals, figuring out the design, all the way to constructional drawing. The shape of the dunes was 100% designed in a 3d software (Rhino and Grasshopper) and all the thousands of sections were produced automatically in Grasshopper. If this would be done by hand it would be a monumental task, but with digital tools it was just a matter of how we like them to be. On site the dunes were built with more ease than expected. The reason is that workers are used to building roads where being precise with heights and distances is essential. For them making this was just a more fun task than usual, but fundamentally not that different.

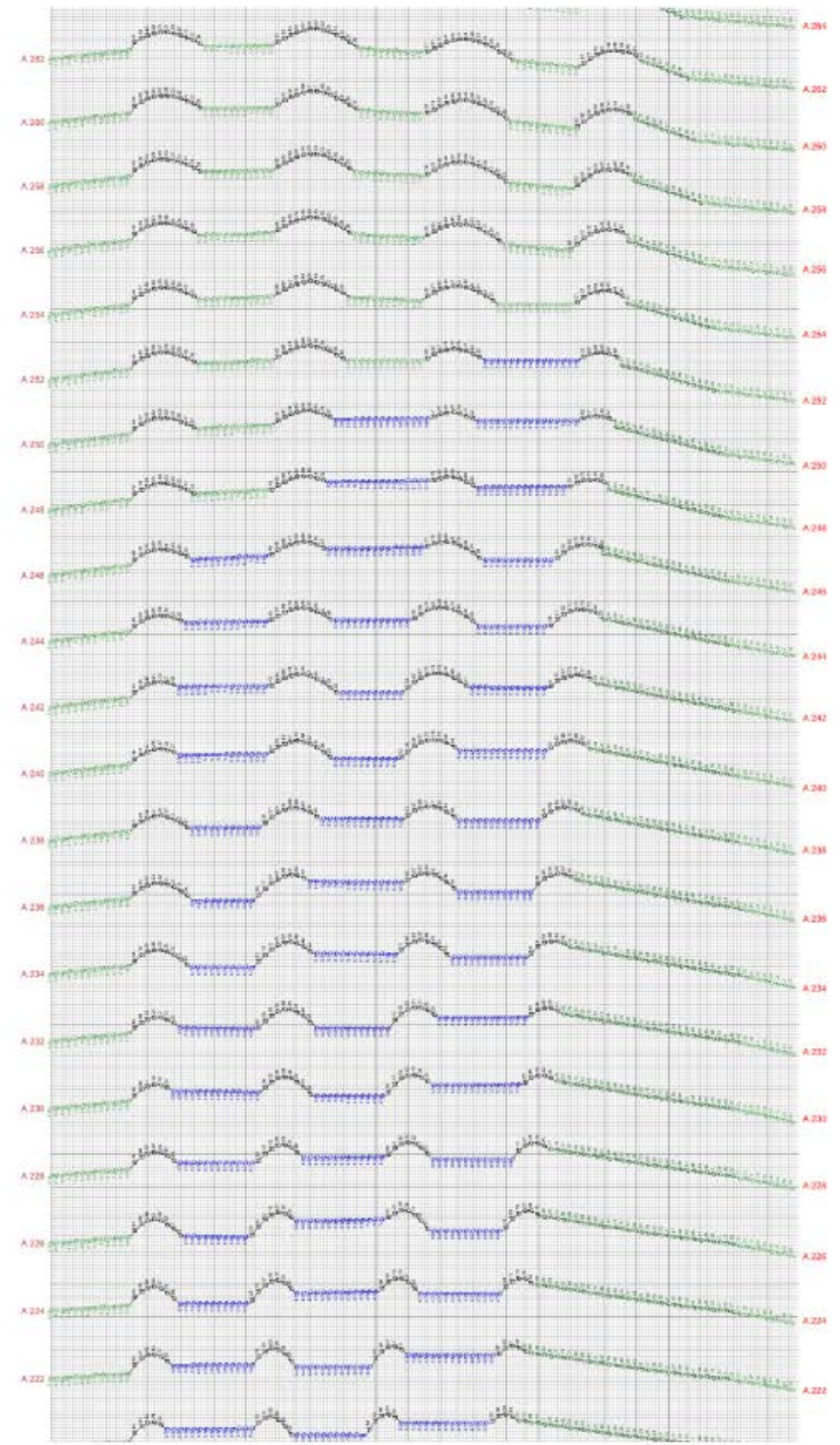
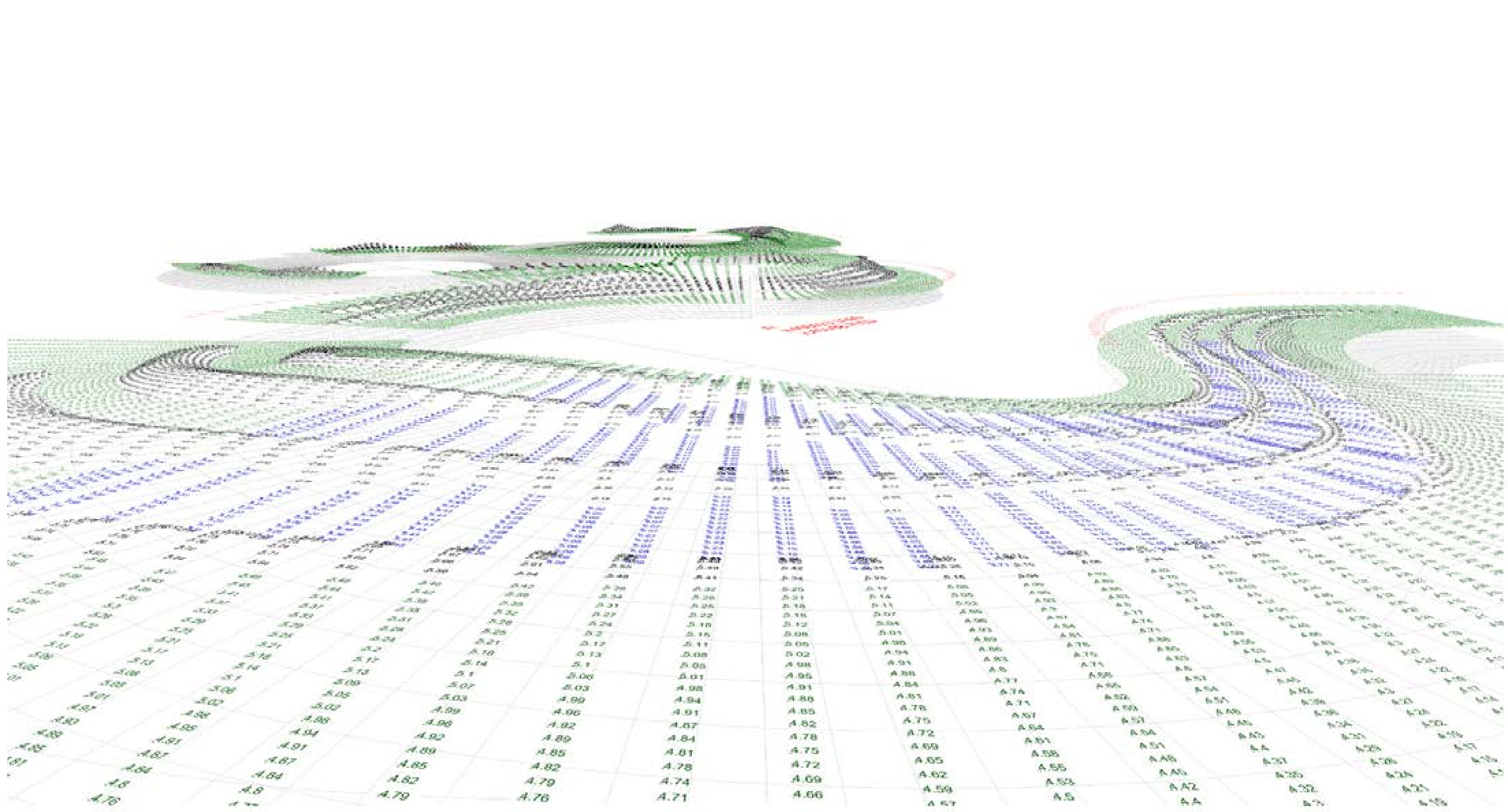


Park Koper

enota

Type:	Park
Source:	Open Call invited competition, 1st Prize
Investor:	Municipality Koper
Location:	Koper, Slovenia
Square meters:	26.000 m2
Year:	2018
Architects:	Dean Lah, Milan Tomac, Peter Sovinc, Polona Ruparčič Peter Karba, Jakob Kajzer, Carlos Cuenca Solana

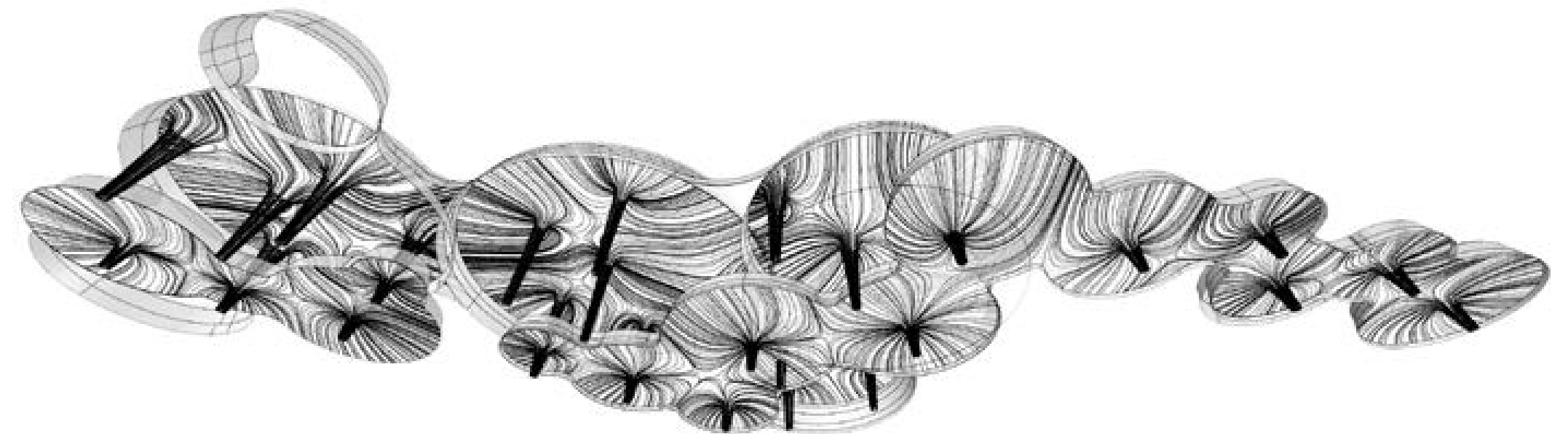






We had more time to work on this project than usual, and were given more freedom than typical. This is why it has a more experimental vibe to it. The design is inspired by circle packing, and ceiling by mushrooms. Project has an unexpected life of its own. It started circulating on social media and became viral.

This project was a bit more hands off approach, and deadlines were not too tight. So we were able to spend a lot of time on shape research.

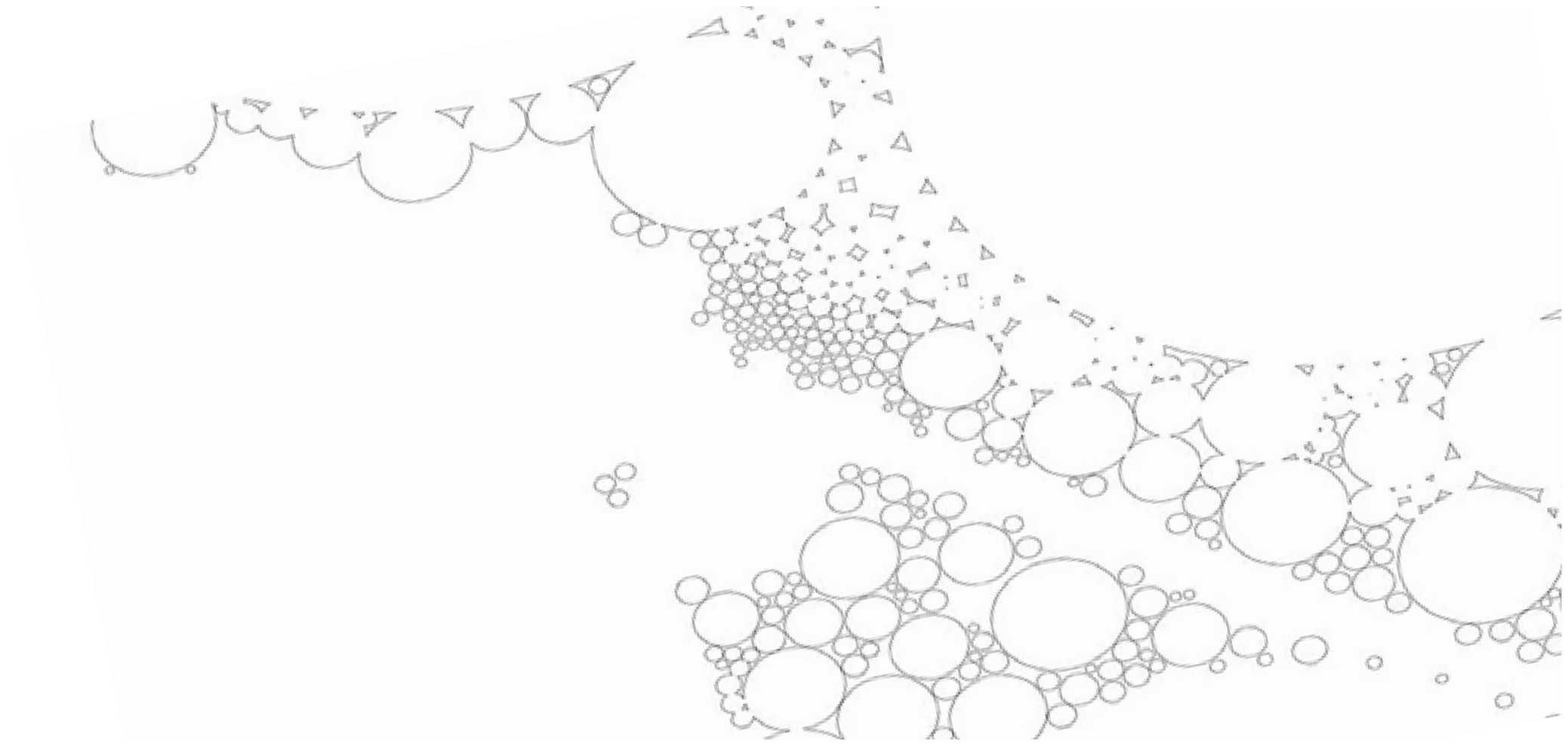


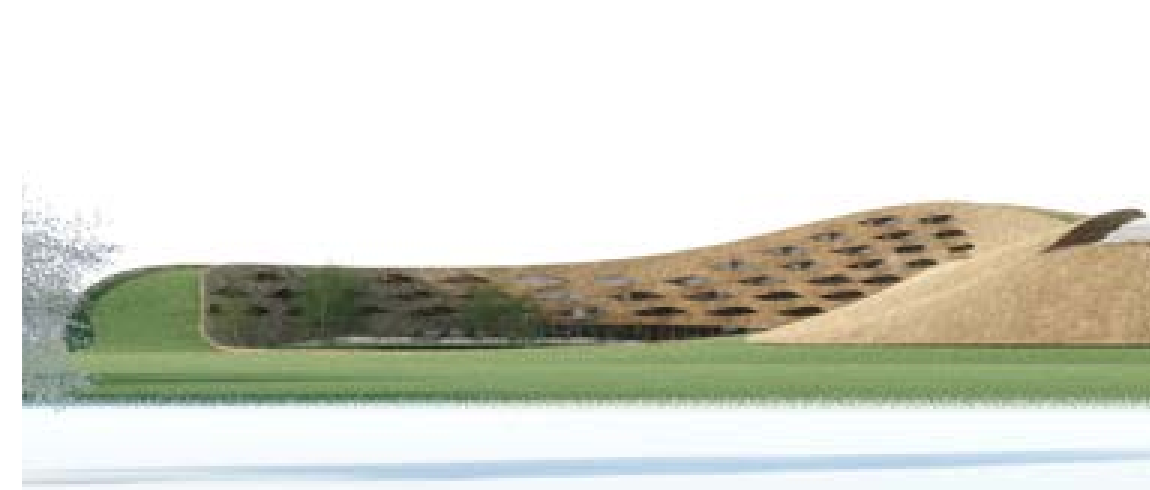
Banja Vručica

erota

Type:	Thermal baths, Spa
Source:	Commission
Investor:	ztc a.d.
Location:	Banja Vručica, Bosnia
Square meters:	6.040 m ²
Year:	2019
Architects:	Dean Lah, Milan Tomac, Jakob Kajzer, Peter Sovinc Eva Tomac, Nuša Završnik Šilec, Urška Malič







Indjija

enota

This was first project I was working on for architectural office Enota. It was my first taste of how to work even faster and under more pressure than what I was used to. The whole proposal was made in two or three weeks

Type:	Thermal baths
Source:	Comission
Location:	Indjija, Serbia
Square meters:	31.710 m ²
Year:	2015
Architects:	Dean Lah, Milan Tomac, Peter Sovinc, Polona Ruparčič, Nuša Završnik Šilec, Peter Karba, Goran Djokić





University Ghent

SADAR
VUGA

Boštjan Vuga showed me a project that kind of resembled this one and told me to draw something like it. We took the idea but simplified it in a way that only the facade makes the curve, while the building behind stays conventional. This made this project feasible and was actually built. Sometimes you search for a solution for a very long time. This one was done in first try

Type:	Social science, University
Source:	Open Call invited competition, 1st Prize
Investor:	Hogeschool Gent HOG
Location:	Ghent, Belgium
Square meters:	8.840 m ²
Year:	2014
Architects:	Jurij Sadar, Boštjan Vuga, Peter Sovinc, Miha Čebulj, Mirjam Milič, Grega Mervič







Eles

scapelab

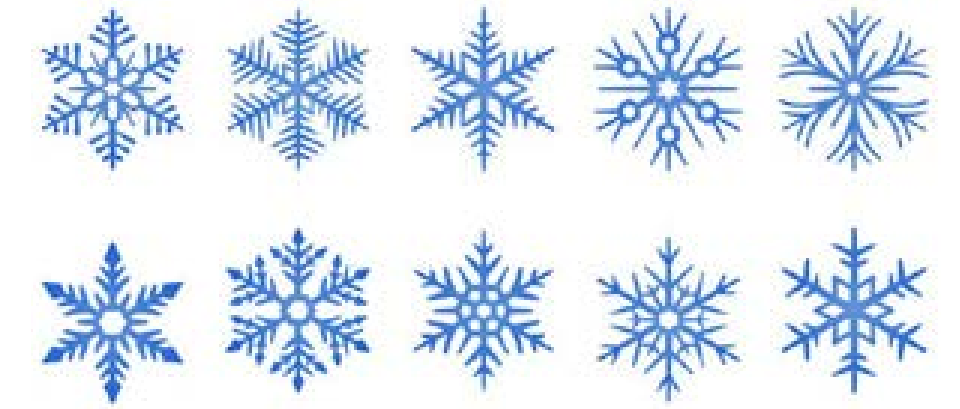
Marko Studen told me to draw a lot of versions of white verticals. After a few days and 100s of tries, we realized this one creates the most interesting pattern and it solves most of our problems. Eles is a national electricity grid operator. We wanted a building to look industrial. It reminds us of a heat exchanger and I think it achieved its purpose.

Type:	Electrical company offices
Source:	Open Call invited competition, 1st Prize
Investor:	Transmission system operator
Location:	Ljubljana, Slovenia
Square meters:	7.900 m ²
Year:	2015
Architects:	Marko Studen, Boris Matič, Jernej Šipoš, Aleksandra Rakinić, Peter Sovinc, Jan Jazbec, Jure Ule





I was part of the team that worked on 3d modeling the idea proposals, figuring out the design. Project is scheduled for construction. Location is on the top of the hill, we made a circular shape, so we can catch the sun from the south and see the view on all sides.

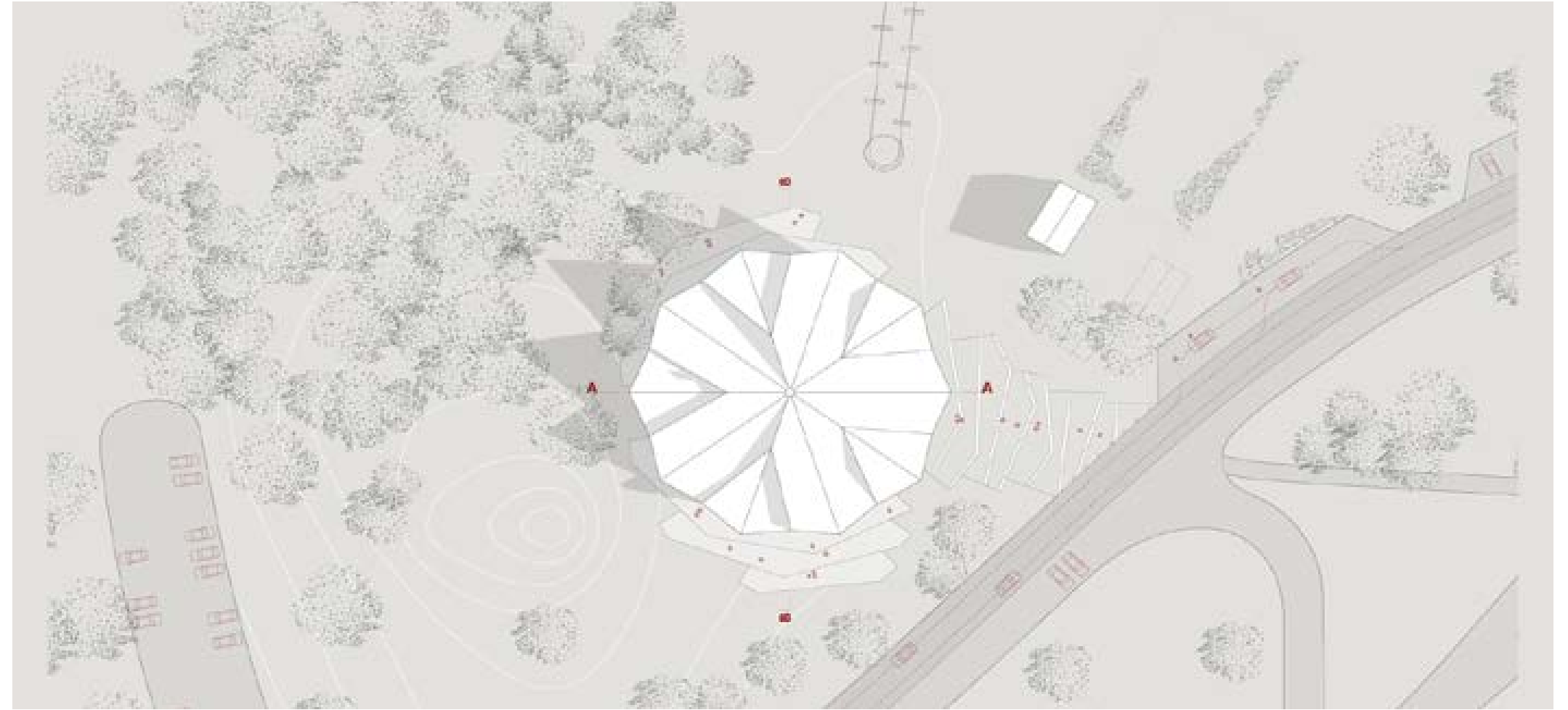


Rogla Ski Center

erota

Type:	Rogla Entrance Pavilion
Surce:	Commission
Investor:	Unitur
Location:	Rogla, Slovenia
Square meters:	1.810 m2
Year:	2020
Architects:	Dean Lah, Milan Tomac, Peter Sovinc, Sara Mežik Polona Ruparčič, Nuša Završnik Šilec, Goran Djokić





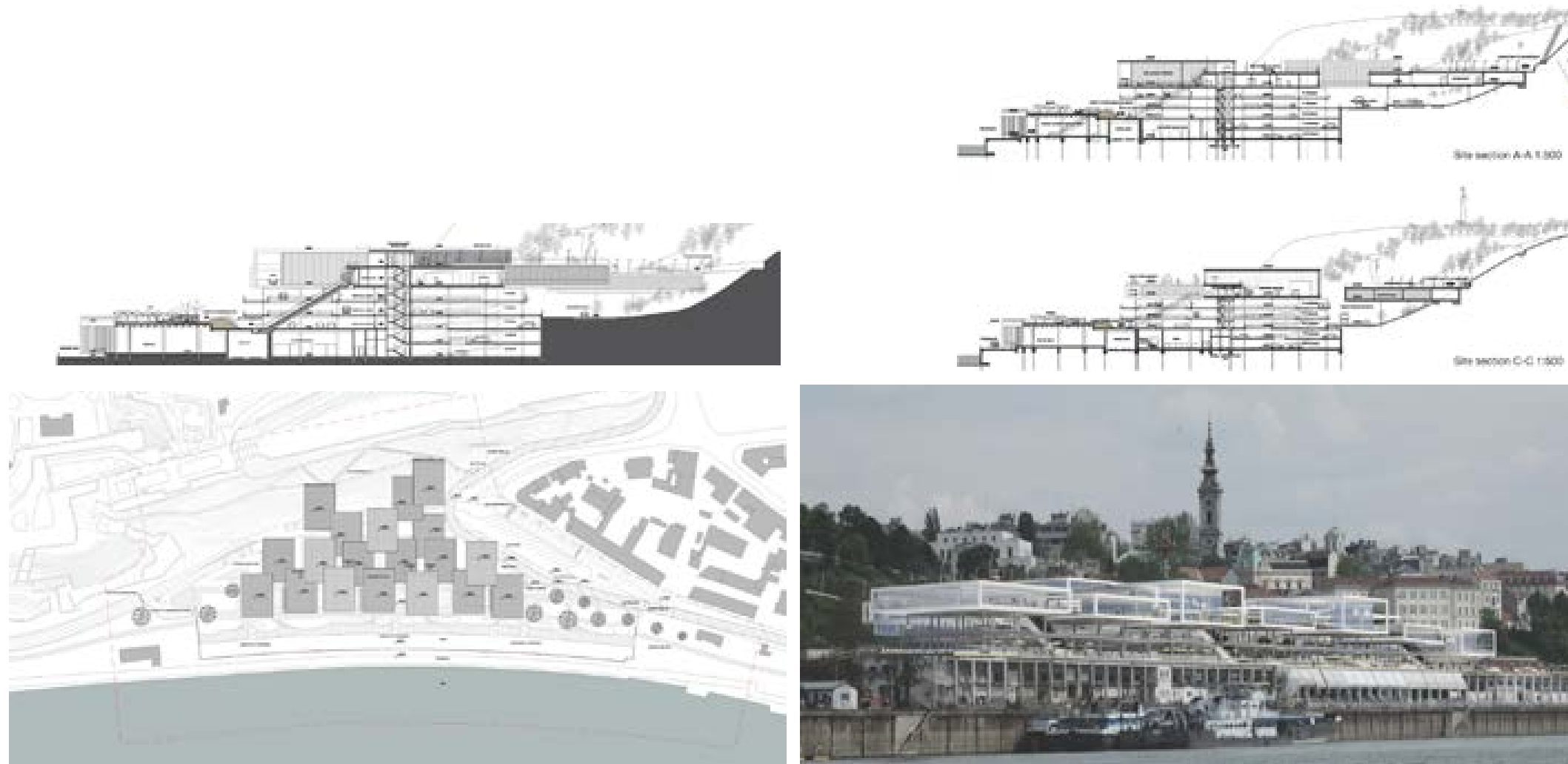


Beton hala

**SADAR
VUGA**

We were stuck with this project for a very long time. But then one day I just mindlessly drew 20 versions of what it can be: and among the versions was this one: how about we just make an arrangement of a project from boxes. Vuga realized the potential and we made a project from the idea.

Type:	Culture center
Surce:	Open International Competition
Investor:	City of Belgrade
Location:	Belgrade, Serbia
Square meters:	52.340 m2
Year:	2011
Architects:	Jure Sadar, Boštjan Vuga, Peter Sovinc, Jure Hrovat, Milnea Zindovič, Andreas Cesarini



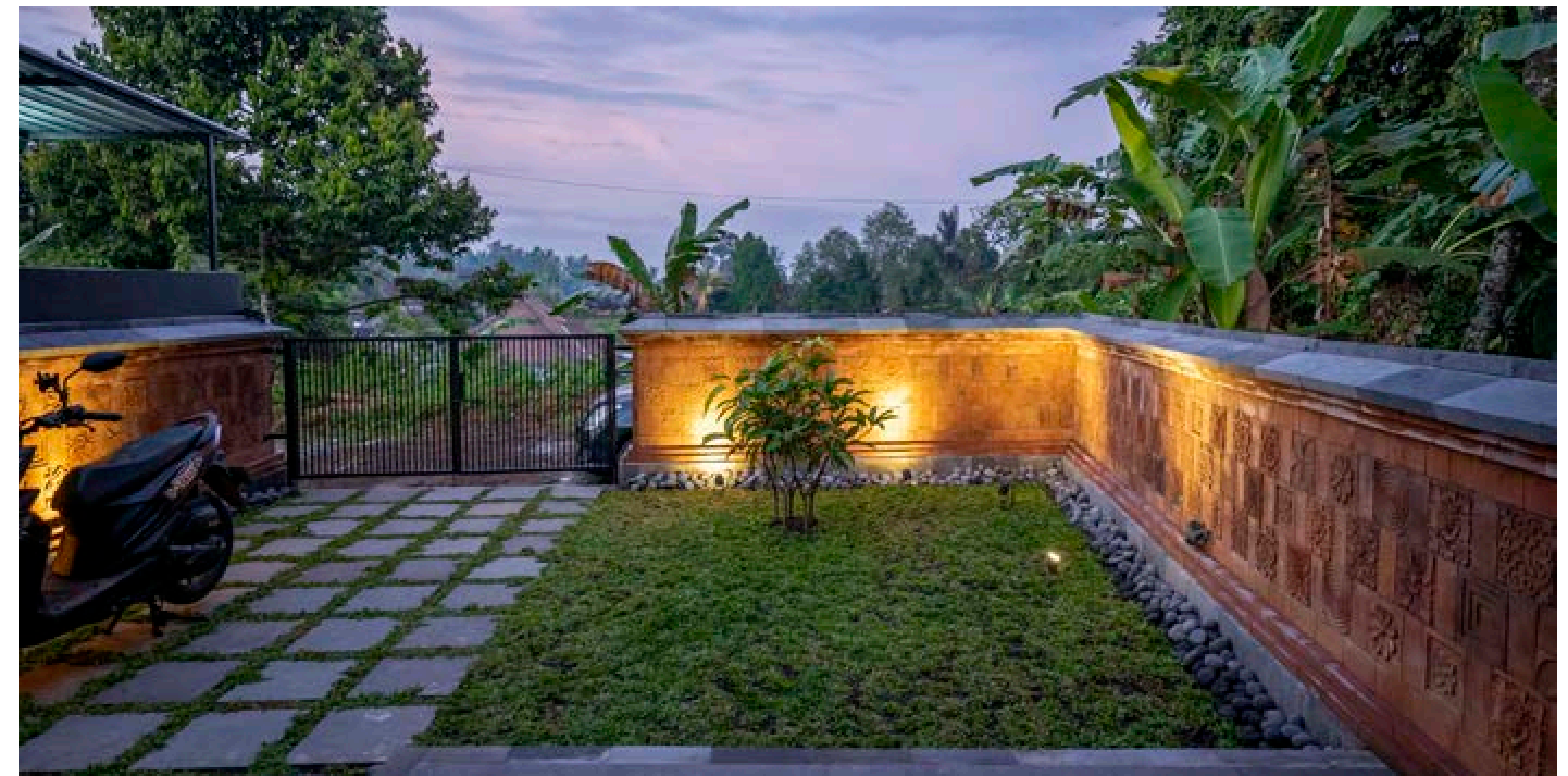


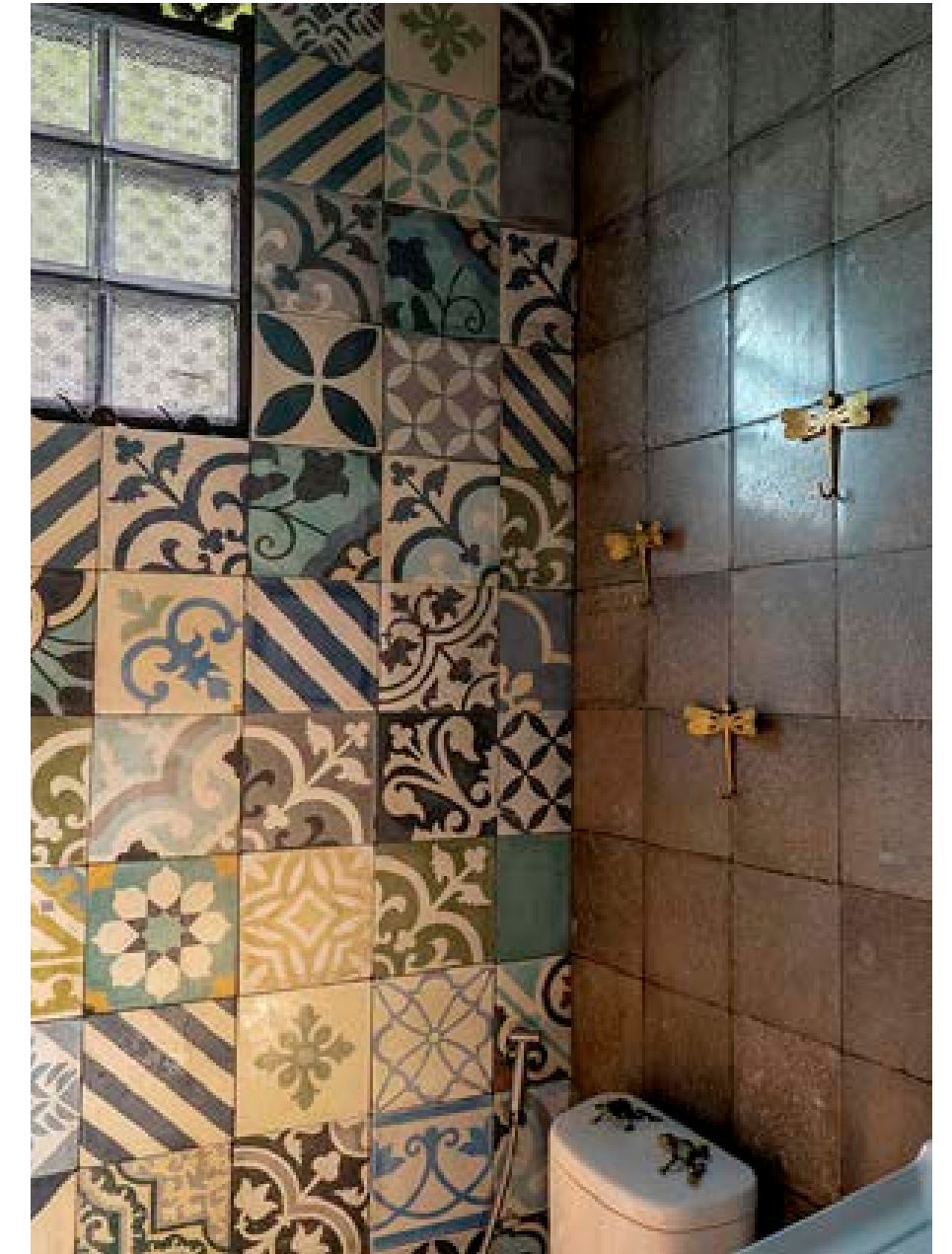
Kuwum house, Bali

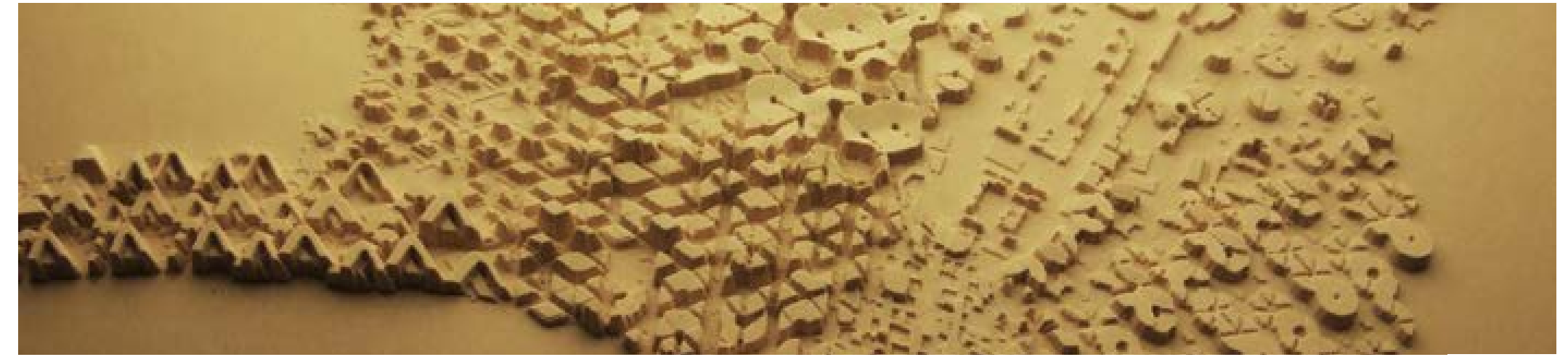
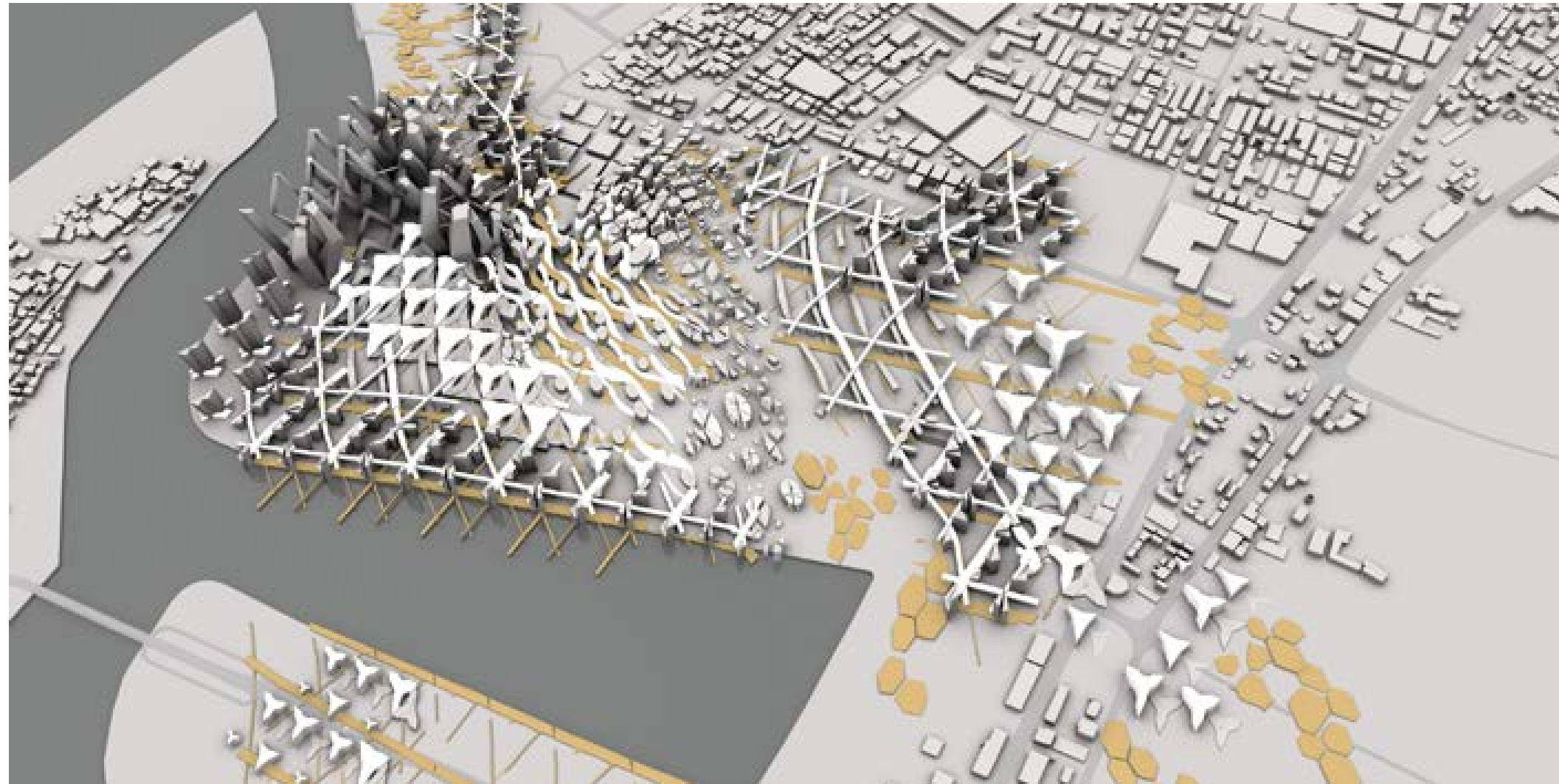
Me and my wife bought a tiny row house. Architect let us transform it as much as we wanted - and so we did. I have redesigned almost every aspect of the house. It is a tiny 33 m² with 55m² garden.

We have been on the building site almost every day. I was providing drawings and explanations and my wife translated into a local language. She speaks Indonesian, Java and even some Madura. It proved to be quite an effective combination.

Type:	Micro Villa
Source:	My own house
Investor:	Peter & Anggi Sovinc
Location:	Kuwum, Bali
Square meters:	33 m ² house + 55 m ² garden
Year:	2023
Architects:	Peter Sovinc







It was discovered that although the wedge did not work with vertical stacking, the exact invert of the shape worked perfectly as it created continuous angled shafts as voids at the most desired angles which led to the evolution of the 'tripod'. As illustrated above the tripod can be easily stacked to form a complex three dimensional network of legs with continuous angular shaft-like open spaces between them. The resulting three-dimensional 'lattice' can be imagined as an array of inclined towers that touch each other at regular intervals at intermediate levels, also creating the possibility of a three dimensional system of streets and elevated circulation networks. The lattice system proves to be far more successful in letting sunlight penetrate to the ground than a cluster of conventional towers of about the same foot print size and architectural volume.

denCity - Sahra



Type:	Urban plan
Source:	Master degree
Investor:	Architectural Association, DRL
Square meters:	2 km ²
Year:	2008
Architects:	Peter Sovinc(Slovenia), Saif Al-Masri (Jordan), Suryanch Chandra (India)
Tutor:	Tom Verebes

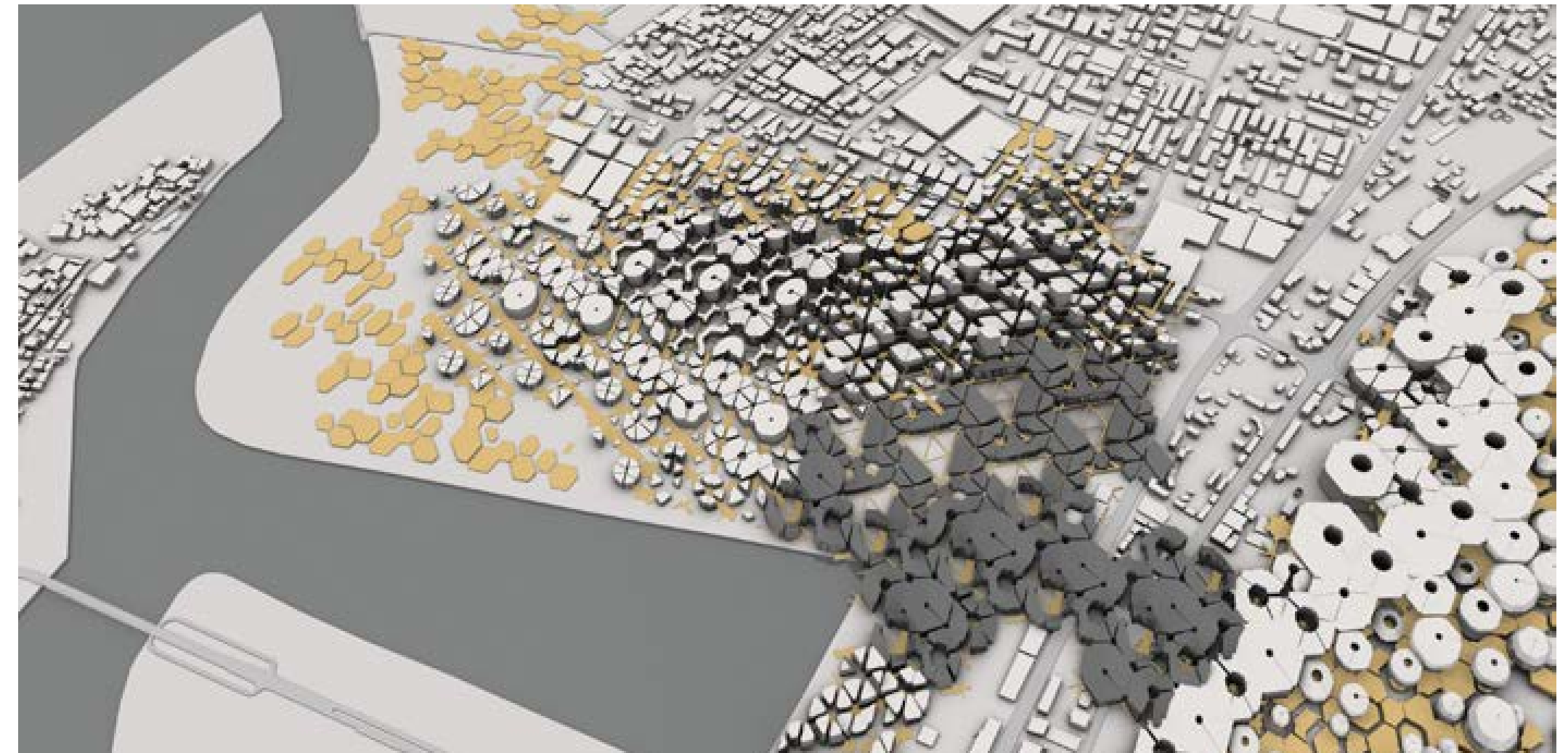
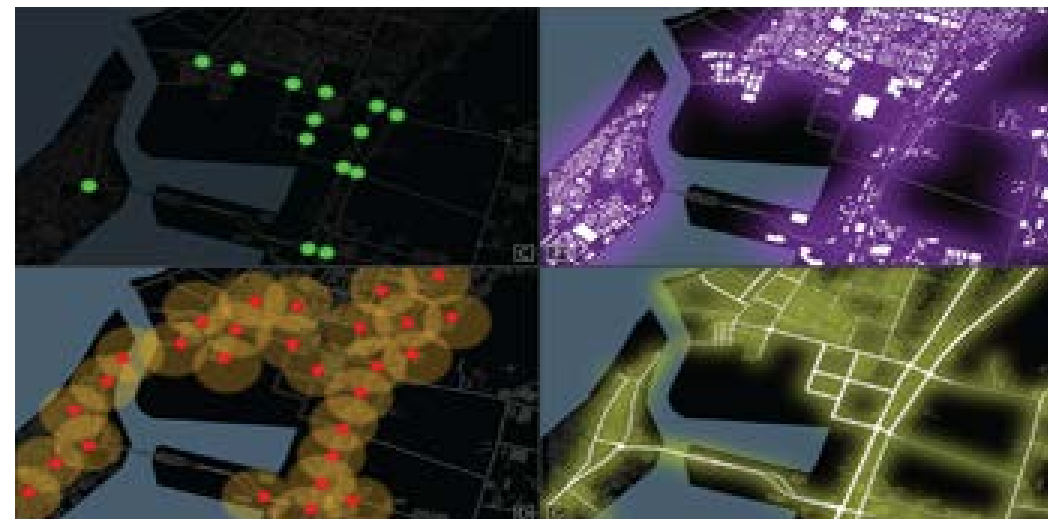
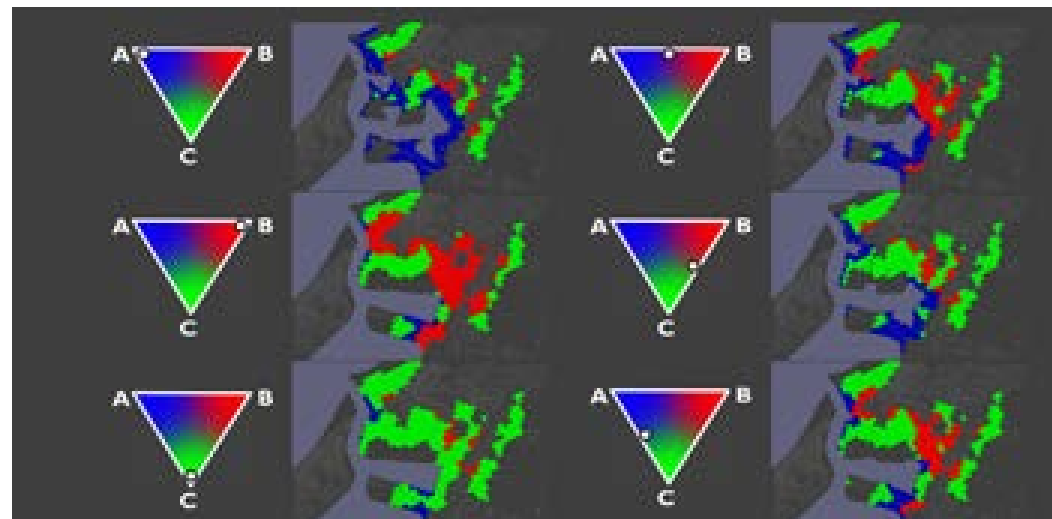
going from left to right: The openings are too small to accurately represent using the existing plan shown below.

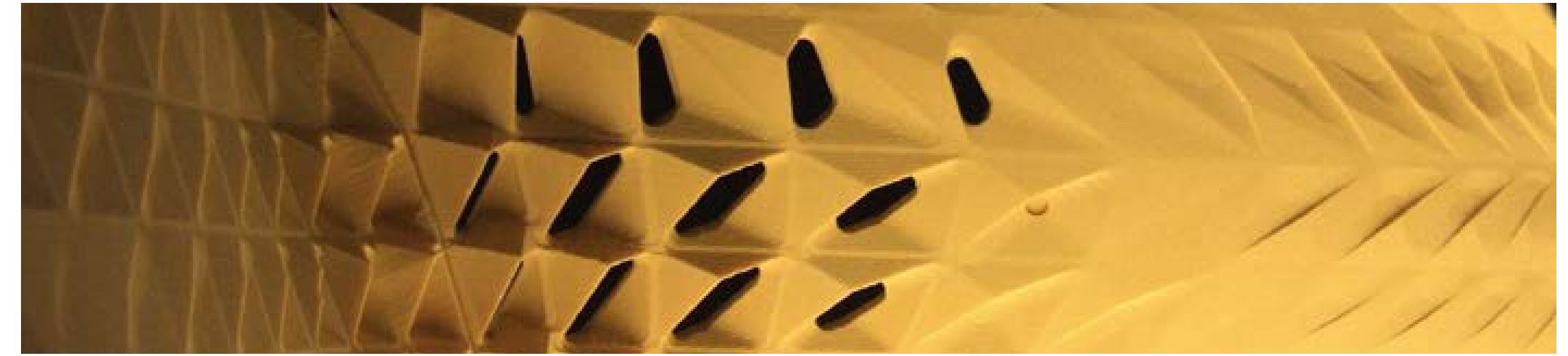
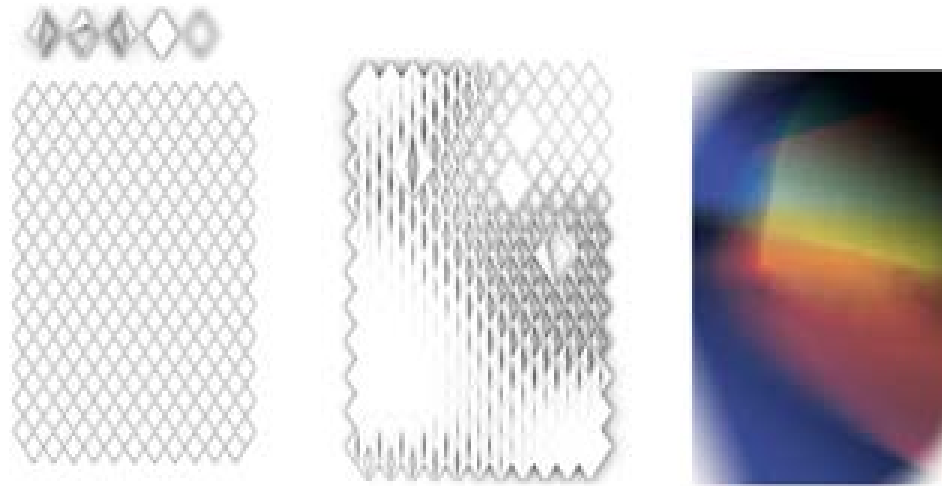
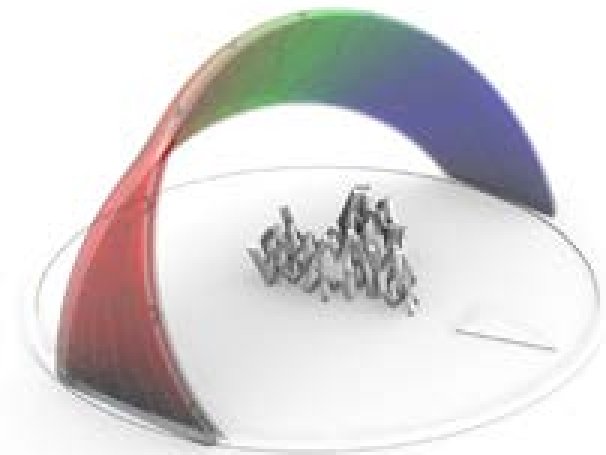
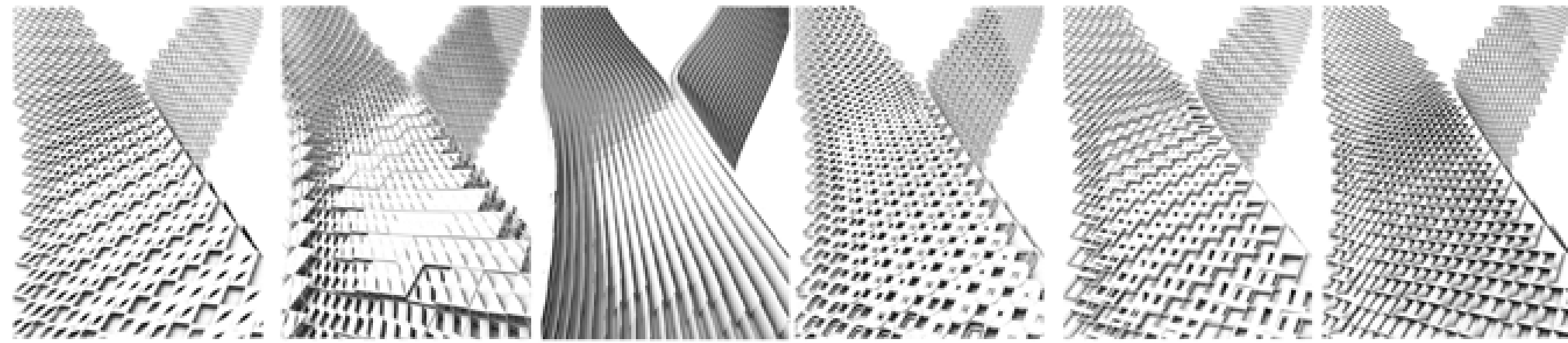


using high density blocks



using high density blocks





The colour of any given surface indicates the time of the day/year when the sunlight reaches that surface. Similarly, white implies that the surface receives sunlight all day long. Shadows colours are created in the exact opposite way than surface colours for incident light. The facade system is developed to read the colour maps produced by the sunlight mapping system on any given surface and generate formal variations of a components and create parametric variations of it on the given surface. In the illustration left, was fed into the system along with a colour map generated by the sunlight colour mapping system. The five units in use here are shading east sun, west sun, south sun, completely open unit and completely closed unit. The base surface used by the system is seen on left and final facade generated by the system can be seen above-middle.

denCity - Sahra

Type:	Urban plan
Source:	Master degree
Investor:	Architectural Association, DRL
Square meters:	2 km ²
Year:	2008
Architects:	Peter Sovinc(Slovenia), Saif Al-Masri (Jordan), Suryanch Chandra (India)
Tutor:	Tom Verebes

