

SITRAKOVA E L E N A

About me/curriculum vitae



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				2015-2020		Academy of Fine Arts of Architecture	
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	COMPETITIONS/ WORKSHOPS	2018	_	on «The North Valley th borgskiy district»	e 2023	Potinaho Competition (honorable mentions	
		2018	<u> </u>	e competition of draft	2023	Idea Competitions Tampere 2nd prize	
		2018	Granit Granat c 2nd place	competition	2023	Hackaton SWECO 1st Prize	
		2018	Competition Bo	orsheweek			
		2018	Workshop GEN				
		2018 2021	URBAN HUB 6 Lahti idea comp 3rd prize				
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	SKILLS				drawing,	and concept design, drafting, sketching, analysis, planning, and urban design, diagrams	
	ABILITIES			Collaboration, critical thinking, strategic thinkink, sense of beauty, assiduity, active			
INTERESTS					Environm music, op	nental protection, ecology, era, musicals, volleyball, ns. art. design, urbanism	

illustrations, art, design, urbanism

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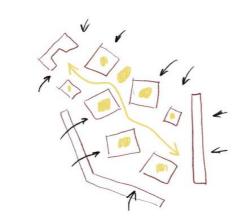
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Interior design for the Spanish Council of architects.	
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Plan of the residential area. Strelna City. 2018

Project: plan of the residential area

Location: Strelna City
Area: 30 hectares

Personal project



The residential area is located in Strelna City in a law-rise and mid-rise sector. The main idea of the project is to build picturesquely located rectangular groups of houses, composed of townhouses, multi-section houses.

Geoplastics is actively used. Passages are located so as not to cross with walking routes and organizing the walking route to school. There is an organized linear public space in the center.

The houses are located along the perimeter, and the main image of the buildings. Leading up to the park zone the number of storeys in buildings decrease





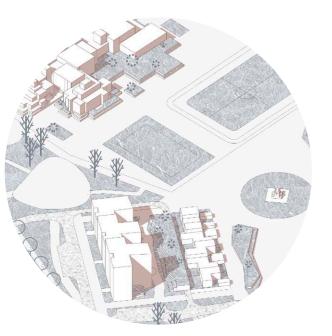




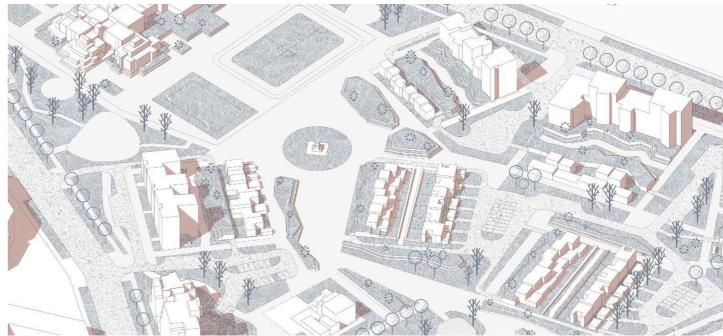
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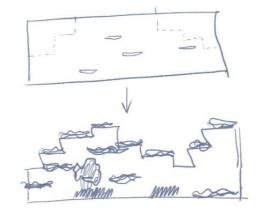


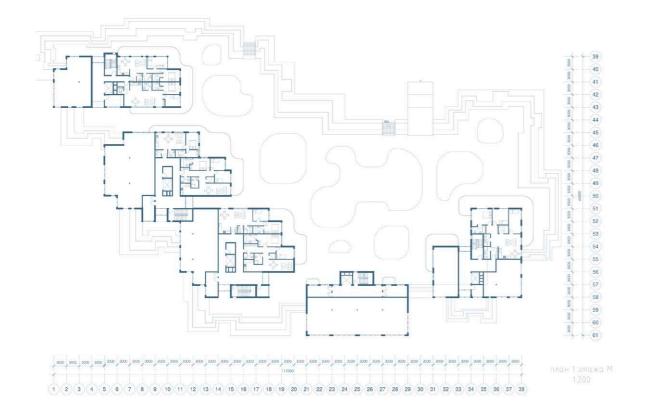


Project of the multi-section residential house. 2018

Project: Multi-section residential house Location: Strelna City

Personal project

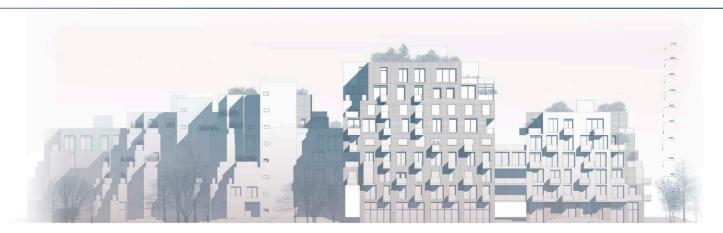




The main idea of the house design is a fractured wall from where the plants grow. Such an effect is attained by building various terraces and balconies. Each section has a unique form.

Workshops and scenic view apartments are located on the upper floors. The lower floors are used for commercial premises with an entrance on the ground floor. There are several apartments with private verandas in the courtyard. Parking with the north entrance is located under the entire courtyard.

Storerooms and technical rooms are located under the houses. Each roof is supposed to be equipped with green public spaces.







Project of the cycle racetrack. 2019

Project: Cycle racetrack for 4,500

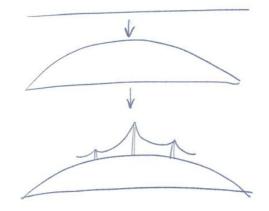
spectators

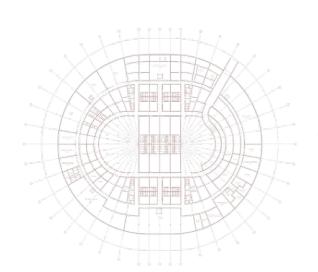
Location: Untolovo natural area, Saint

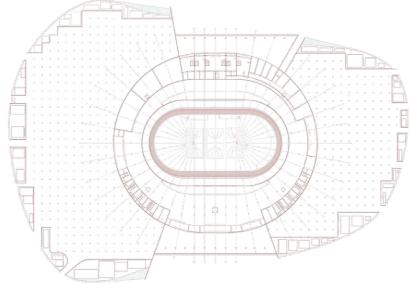
Petersburg City

Area: 20,000 m²

Personal project



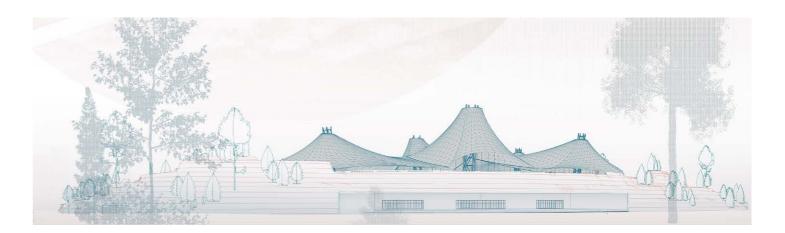


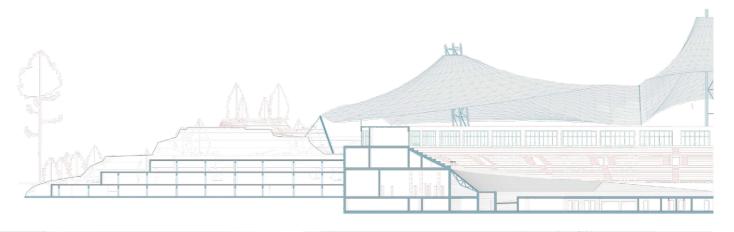


The main idea of the project was to recreate the landscape that was on this territory before. There was a forest on this territory before but due to the deforestation the round ground area appeared. It was specifically this area that was allocated to us for the project, and I immediately thought about making up for the greenery by building a hill with a hidden cycle track, as well as a multi-level parking that can be used both by ordinary visitors and by special guests.

The roof structure is represented by a hanging cable-stayed structure with six cables and with the transparent covering in the middle, providing the light. There are various walking routes on the hill, public spaces and observation platforms for contemplating and enjoying the nature.

The main task for me was to create a facility that would match the environment and would be remarkable and picturesque. There is also an exit to the adjacent territory with the special racing routes. Each floor is actually dedicated to specific functions.

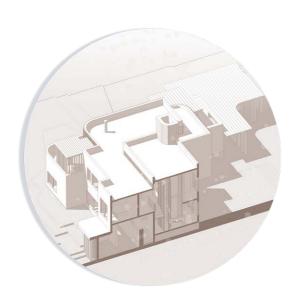






Project of the country house. 2019

Project: Location: Personal project A country house Leningradskaya Region



The image of the building correlates to organic functionalism, namely to the works of Alvar Aalto and his design of a single space both outside and inside. The whole house is a connection of spaces which is done with the means of pergolas, awnings and terraces. The whole building complex is divided into a sauna with a swimming pool, a pergola with a summer kitchen, the main house and a shed next to the workshop.

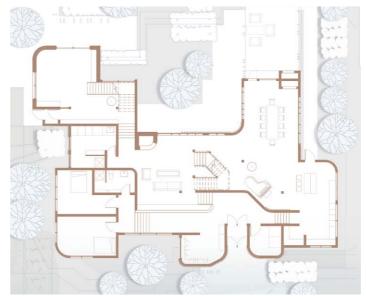
The house has two storeys. On the first floor, there are a kitchen,

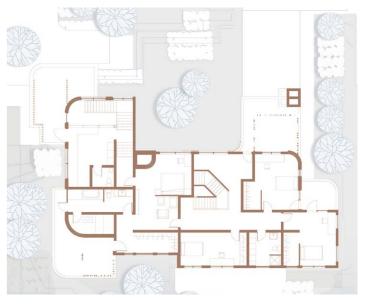


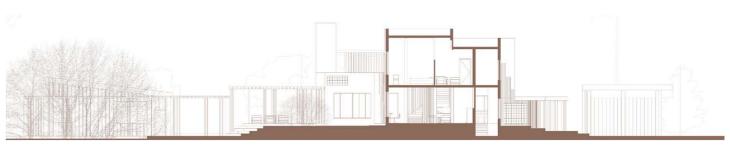
a dining room, a living room with a fireplace and a music zone, a bathroom, guest bedrooms and a workshop. The second floor is reserved for a bedroom area with a sauna and a workshop.

The main distinguishing feature of the house is the abundance of terraces with awnings and an exploited roof. The cladding of the house is made with natural materials such as brick, wood, and natural stone. The provision of amenities is represented by a garden, a canopy over the garage, the lawn in front of the house and a picturesque landing.









Graduation project of the Park on Tuchkov Buyan. 2020

Project: Park on Tuchkov Buyan Location: Dobrolyubova Prospect,

Saint-Petersburg City

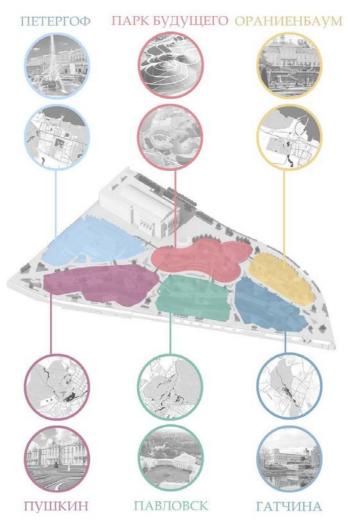
Area: 8 hectares

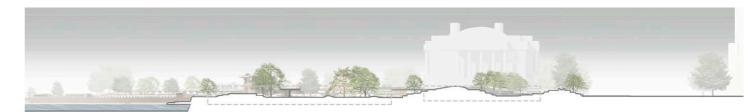
Personal project

The main idea of the park is to create six themed «islands», 5 of which are named after the well-known symbols of St. Petersburg park construction: Peterhof, Pushkin, Pavlovsk, Gatchina, Oranienbaum. The name of the sixth island is - the park of the future. The theme of the islands can be traced through the entire history of the place, as there were islands on this territory before. Each island has its own distinctive small architectural forms and materials.

The concept of greening the park consists of alternating open and closed spaces, providing protection from the wind and a variety of spaces and viewpoints. A hinged trail, which reminds of wooden bridges, is also an important part of the park, which serves as a viewpoint and allows the visitors to enjoy the beauty of the park to the fullest. There are kiosks, swings, various places for seats and elements of playgrounds under the trail.

The main building of the park is a multifunctional complex with swimming pools, saunas, a food court and a restaurant with a view. The heated pools are located outside.



















Refurbishment of the housing block in Hämeenlinna. 2021

Location: Hämeenlinna Year: 2021

Group project of 3



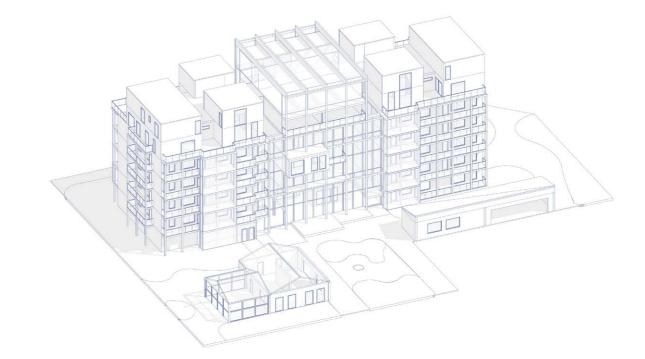
Housing B is located in the eastern part of Hämeenlinna suburbs on Katumantie 3. We realized that we need to find triggers to attract different people to this area, give existing inhabitants new opportunities, and rethink its territories, providing a deep contact with nature. Moreover, we wanted to focus on the fact that this building already has a social cafe where people always meet for cheap food, communication and computer services. And according to a google review, it is a pretty popular space.

So, we decided to demolish the middle part of the existing building and create a new structure with new functions and common use mode that will respond to a modern housing

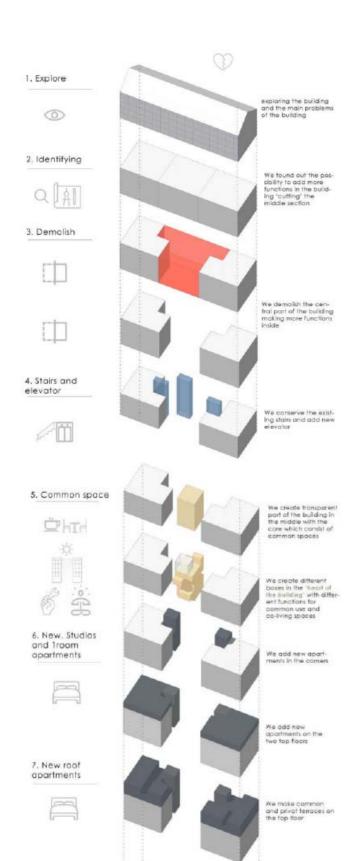
typology and fulfil human, social, and environmental needs in

a sustainable way. Putting the common spaces in the middle is the main idea of our project, literally and figuratively. We are convinced that providing different spaces for working, studying, entertaining and communicating is a critical point in this situation. The shared spaces are the heart of the building – easy to reach by everyone. Some areas encourage social activity, and others offer space for retreat and privacy.

As a result, the idea has a chance to become a symbol of equality and transparency.







8. Roof village

One of our goals is to open the building to nature, so we plan to provide various terraces, green rooms, canopies and balconies to diversify the use of the outdoor space in different seasons. We design a green roof for the building and want to improve the yard and create pier and forest infrastructure.

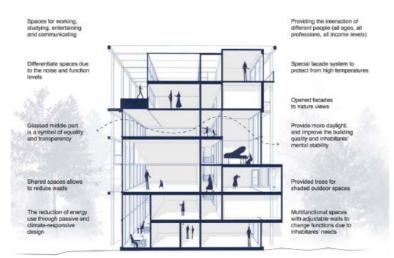
As the site has great nature opportunities as forest and lake, we need to connect it with the building as much as possible, providing more natural activities for occupants.

We want to create spaces for people who value a community alongside individuality. Residents unite around a common interest of learning and growing from the people they surround themselves with. They also appreciate the positive environmental impact of sharing resources and costs to reduce waste.

Our place is perfect for professionals, entrepreneurs, artists, interns, students, family people, remote workers, lonely and elderly people, and many others who want to benefit themselves, their community and the planet.



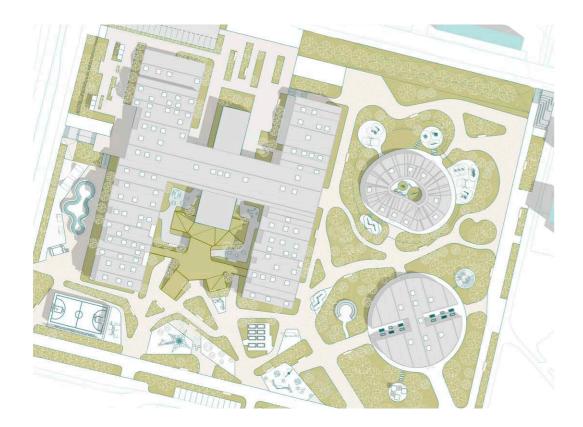




Educational Centre and Library in Kaukajärvi, Tampere. 2022

Location: Tampere Year: 2022

Group project of 2



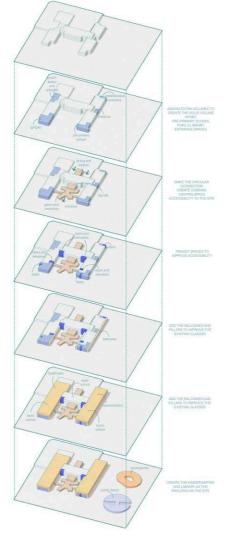
The building's major concept was developed in accordance with the project's basic concept, one of which was to reduce the footprint. As a result, administrative, healthcare, and a basic school were added to the existing building on top of the primary school, and we attempted to make the structure light in order to reduce the load.

The main goal became attracting new people to the site, therefore we decided to divide the library from the rest of the building so that anyone may use it. We also chose to separate the kindergarten so that they could

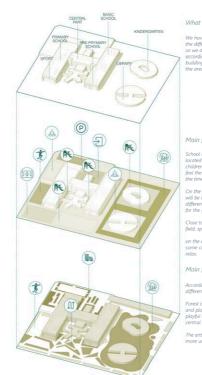
have their own building because they have unique demands and routines. The basic educational function is an extensional third-floor with lightweight frame constructions. New indoor sports facilities are located on the first floor and have a strong connection with outside ones. We created a library building also as an independent part to open it for everyone, not only for school students.

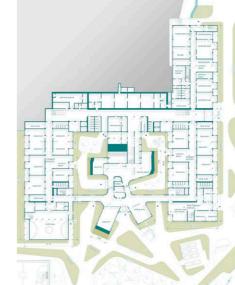
The central part of the school was added in order to improve the circulation system of the existing school. So that two wing will be connected and some common spaces appear.

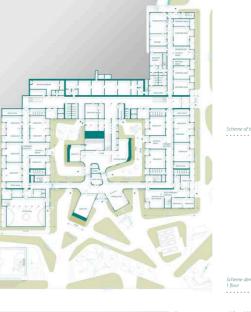
BUILDING CONCEPT

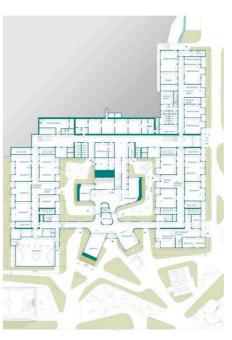


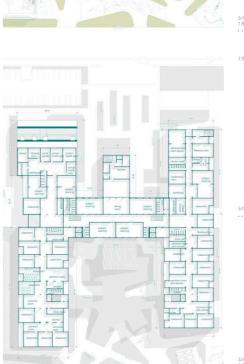
LANDSCAPE CONCEPT





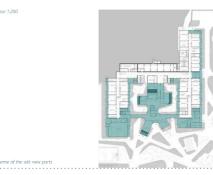




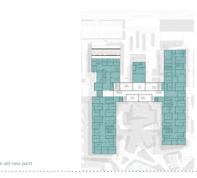








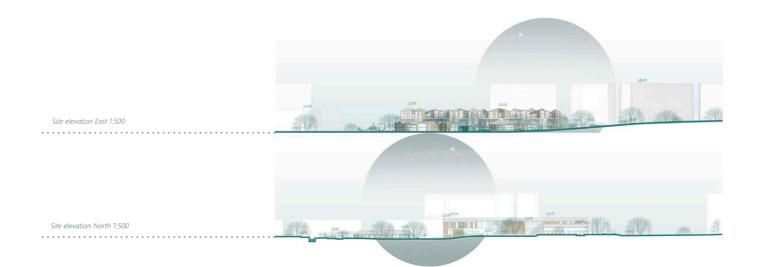


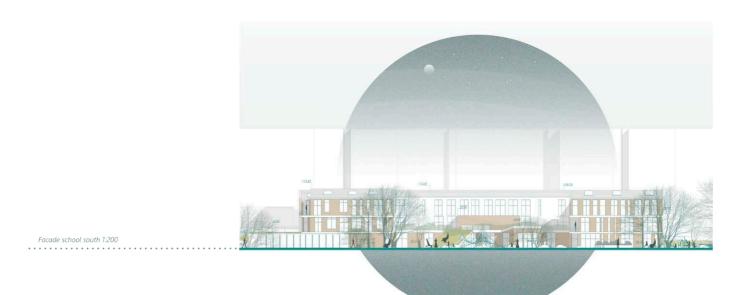




















school and library sections 1:200

Main train station hybrid project, Tampere. 2022

Location: Tampere 2022 Year:

Personal project

For my project, I chose the awning of the central railway station as the main basis. The railway is a very important transport hub for Tampere and also a distinctive feature. All people who come to the city, first of all, find themselves at the station, which at the moment does not provide users with waiting areas or any other functions. When you exit the station, people see a parking lot with a taxi.

The same problems arise when users pass through an underpass under the railroad tracks. This crossing is also a bike path. This creates an additional transport collapse, especially in winter. Tulli has the potential to become a great example of transforming the urban environment into a more userfriendly

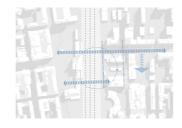
environment, a destination for tourists and visitors to Tampere, and an example of sustainable urban development.

First of all, the most problematic areas of Tulli and the most users to visit the place. The axis of Hameenkatu leading to the student housing square is my main starting point for the design. So that I decided to improve the current situation by creating stronger connection to the area.

Since railways create a senaration not only for people but for the nature as well the new connection can create new green corridors connections play important role in the human well-being environmen

behind the road that creates discomfort for the visitors and people that regulary come to visit ampere. The new place to create the stop for the tram is supposed to be located in the udernath That will create the station more accessible for users. The underpathright now does not create nice environment and does not attract people. Under the ground one can feel unsafe and

The goal for bounding is creation of a new type of experience for the visitors and citizens of Tampere The connection will be a way of social interaction and an example of hybridisation as an experience to the existing buildings and new



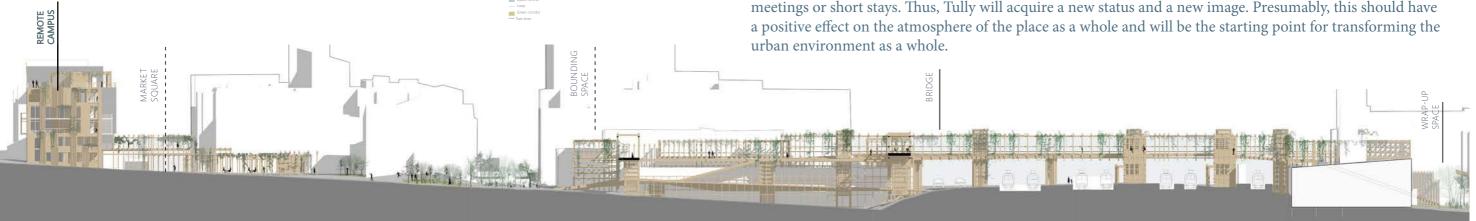






Providing the city with green corridors is also becoming an important element for planning. To do this, in addition to replacing the coatings, it is supposed to create a kind of grid on the bridge for which plants can cling. The bridge in a year will become a place where birds can potentially nest and plants can grow. Vertical gardening without the construction of global buildings was the main solution for the wooden bridge. The stop for the tram is supposed to be under the bridge for better transit for travelers.

The main users are expected to be students, tourists, and workers who have to travel from other cities for meetings or short stays. Thus, Tully will acquire a new status and a new image. Presumably, this should have



WRAP UP SPACE

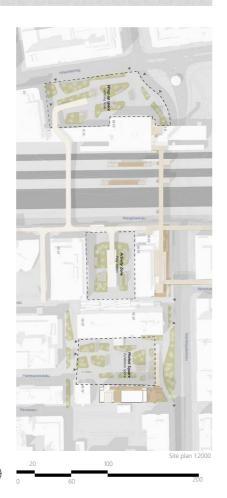




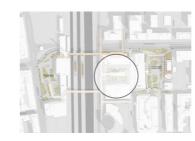
We are offering a welcoming design space for people who come with the train or just visiting Tampere for work or studies and we are leading them to the Tulii area by providing them with activities and visual features that can attract users to visit Tulli.



MARKET events social interaction space ice-skafing christmas market concerts BOUNDING SPACE lesure spaces open library menting places green zones WRAP UP SPACE cafes byte sheds particular is sheds particular is specific events icsure spots



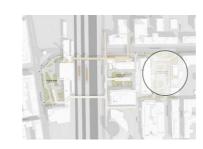
BOUNDING ALL USERS





The area surrouded by the shopping mall, bar, social organizations provides a wide user profile from different social groups and age cathegories. That urban space merges together all the people and provide them with interaction points and activities.

MARKET AND EVENT SQUARE





The market square is supposed to become a main attraction point for people to gather. Therefore it is a multipurpose square. It becomes an activity zone for different seasonal use such as ice-skating, dance, perfomances, showcasing, musical festivals, a exhibition at the control of the cont







Working experience/ Land improvement around the housing complex "The legend of Vasilyevskiy Island". 2020

Location: Saint-Petersburg

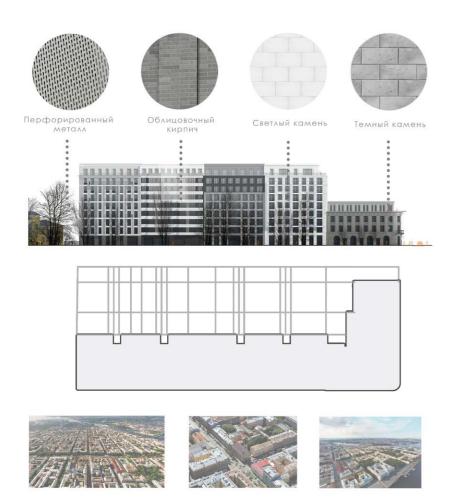
Project: Land improvement around the

housing complex "The legend of

Vasilyevskiy Island"

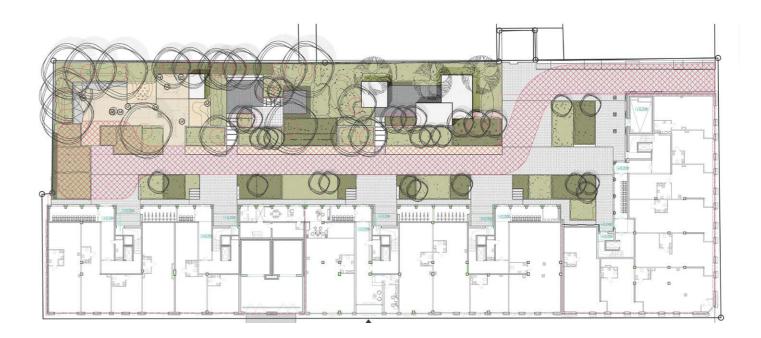
Year: 2020

Group project of 2



The housing complex of business premium class «The legend on Bolshoy Prospect V.O. » is located in the historical buildings of the 19th century in Vasileostrovsky district of St. Petersburg. The planning solution for the improvement of the yard is based on the graphic lines and strict proportions of the facade, thus, the connection between space and the external appearance of the building can be achieved.

The main project plan of Vasilievsky Island also had a significant influence on the layout yard area, the peculiarity of which is the clear geometry of the streets and the perpendicularity of the lines in the direction of prospects. We kind of take a walk along the lines of Vasilievsky Island, look into its green and fragrant courtyards and admire the splendor of architecture and the luxury of antiquity.





Working experience/ Land improvement around the housing complex "Mirgorodskaya". 2020

Location: Saint-Petersburg
Project: Land improvement

around the housing

complex Mirgorodskaya"

Year: 2020

Group project of 2







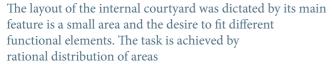












with the help of multilevel retaining walls and planting bush. The garden is created in the very center of St. Petersburg. The contemplation garden develops tranquility, philosophy and observation.

Tactile perception allows you to get to know the sensual perception of the world, helps children to feel the properties of natural

materials. Strict lines and concise shapes support design of the architecture of the residential complex, a modern a plan similar to a suprematist composition. However, the details -reflection of the classic environment:

benches, retaining walls are built from a red classic bricks, paving material - paving stones, cast iron tiles. Improvement is not sparse with architecture, but dissolves and emphasizes it.





Working experience/ A Treehouse Project. 2020

Location: Project:

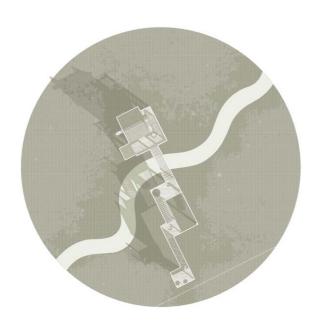
Leningradskaya Region A Treehouse on the private garden plot

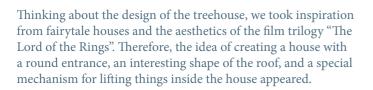
Year:

Personal project

2020



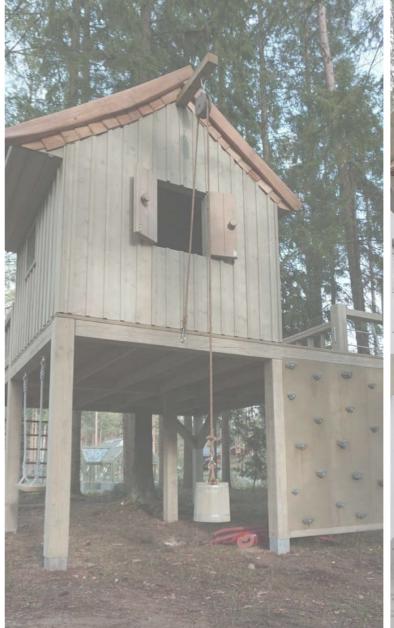




Talking about the functional aspect, this project also includes rope paths, climbing equipment, a hammock, a swing, and a climbing wall. Additionally, there is a platform where people can lie looking up at the sky and pine trees. There are holes for the pine trees in the platform.

While working on the project in a team we did a lot of changes and edits.









Working experience/ Tesoma vision.Urban planning project. Tampere 2022

Location: Tampere, Finland

Project: Vision for the development of the Tampere City

Year: 2022

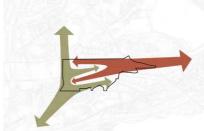
Group project

Urban services are formed around the commuter train stop and a trade concentration supported by a clearly defined urban structure. The revamped commuter rail stop area leans toward a network of meeting points and nodes. The links between the regions will be strengthened, and the green structure will be part of the street space and blocks.

The frame of the green structure forms the planning area, with the Central Forest running through it, and the starting point of the planning is to preserve existing forest areas as a whole, centralizing construction in some areas already built up and improving the current situation of intermittent green and ecological connections. The forest zone pushes in part of the block.

Meadow Green Roofs in the block areas will support the development of a trackside meadow network. Area stormwater is treated mainly in green block yards and Green Street, the changing Teerivuorenkatu and its associated open space rain gardens.

URBAN MEETS GREEN



The project creates an urban neighborhood of medium density multi-family dwellings, townhouses, offices, and public open space, with a green pedestrian network. Tesoma's urban life and natural surroundings merge at the commuter train station. Green structure and the built environment are integrated at all scale levels, with wide green access, square public areas, as well as house green roofs and townhouse gardens.

ACTIVE COMMUTER TRAIN STOP ENVIRONMENT



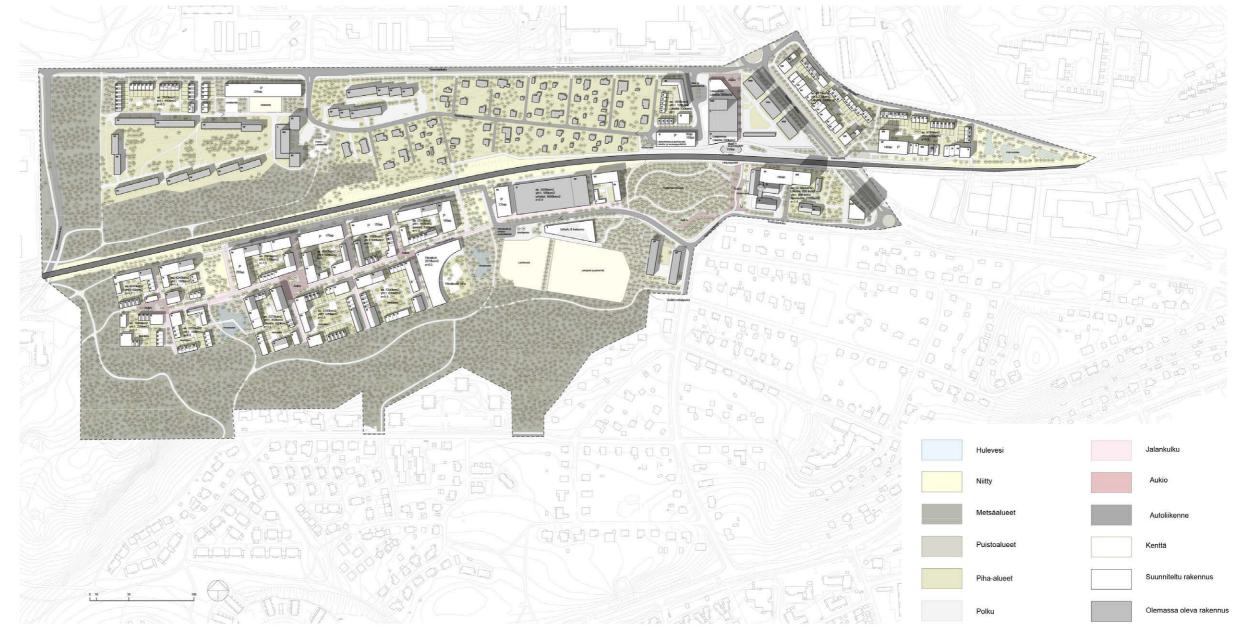
A distinctive node forms in the environment as urban structures resupply, a commuter train stops, and it radiates life into the Tesoma region as a whole. Combining different modes of transportation at a commuter train stop enables quick, comfortable, and environmentally friendly movement both locally and regionally.

UNIQUE REGIONS ENTITY



Future Tesoma's strength lies in its strong identity arising from diversity.

Distinctive areas create a network that offers diverse housing options, work and leisure time activities. Citizens of Tesoman have ownership of their environment and community support for a socially sustainable lifestyle.



FOREST BLOCK



DIVERSE TYPOLOGIES

Townhouses, Lucerne houses, townhouses, terraced houses and multi-purpose buildings apartment blocks form a mixed entity in the aid area social sustainability.



Diverse forms of Housing Production, different forms of management and different attention to user groups produces socially sustainable blocks and residential areas.



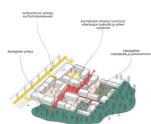
ACTIVE FOUNDATION

The diverse spaces on the ground floor open up to the street space urban space and inner courtyards. Block located around the central public urban space multipurpose and large premises serving the entire block. The inner courtyards of the blocks are home to smaller residents of that block service facilities.



FACILITIES

Different space solutions, as shared housing and supporting the sharing economy rental facilities support community and resource efficiency.



GREEN TYPOLOGY

Large block yards open into the forest towards killer Park and in large nature-based Yards, the functions are interspersed with the tree stand get in. Green Street is like a continuum You can also play with water. for semipublic courtyards to operations. The roof green supports the ecological network.



STORM WATER MANAGEMENT

The track side street space is pedestrian-oriented. Organic storm water management is a visible part of the block yards and Green Street look.



LOCAL ENERGY AND FOOD PRODUCTION

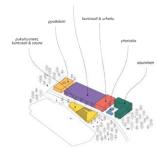
Harnessing the energy collected by solar panels block building using parking facility capacity energy storage. Urban farming on rooftops and courtyards supports the area's sense of community



TRANSPORT

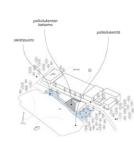
The urban space between blocks is pedestrian-oriented driveway. Car traffic and a smooth Bike Connection run outside block complexes.

SPORTS HUB



VERSATILE FUNCTIONS

Rahola sports centre buildings and sports areas support the formation of a diverse sports complex.



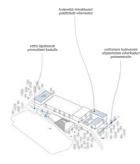
SPORTS SERVICES

Maintained and new sports buildings ensure a wide range of activities the provision of sports services.



GREEN TYPOLOGY

Innovative and bold green solutions form a whole, where vegetation supports the distinctive character of architecture.



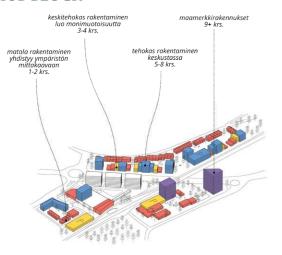
STORM WATER MANAGEMENT

Stormwater management relies on built-in and street-oriented solutions and to control the amount of storm water generated.



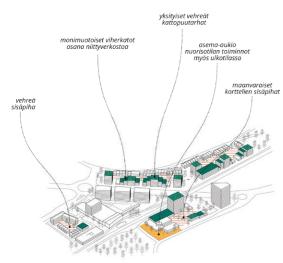


HUB BLOCK



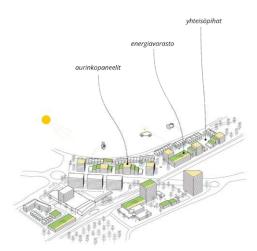
VERSATILE HEIGHTS

Building masses of different scales form a diverse an entity that combines the human scale with the urban one urban space.



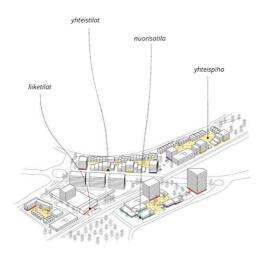
GREEN TYPOLOGY

Public Green Street open spaces and semi-public spaces in front of the commuter train stop the courtyards form a coherent whole. Rooftop gardens located in private yard areas.



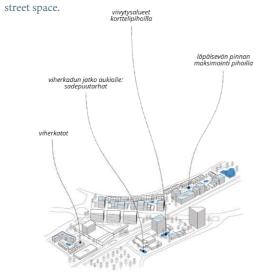
GREEN TYPOLOGY

Harnessing the energy collected by solar panels block building using parking facility capacity energy storage. The lush parklands of rooftops and courtyards support community.



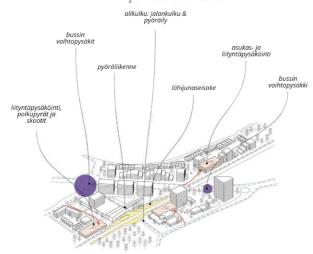
SOIL LAYER

The entrances and squares of the ground floors of buildings activate



STORM WATER MANAGEMENT

Storm water management relies on rain garden solutions for open spaces, delay areas in the block yard and the amount of storm water generated for mitigation, e.g. the amount of roof green and permeable surface to.



STORM WATER MANAGEMENT

The Hub combines all modes of transport. High quality connectivity area the walking bike network supports sustainable mobility.



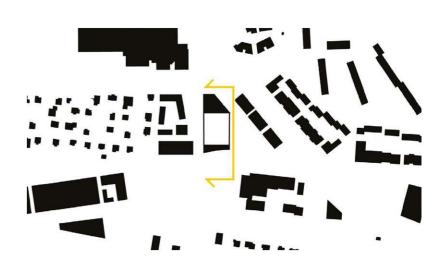
Ristimäenpuisto

laituri raiteet laituri

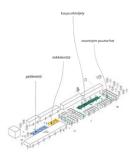
polkupyöräpysäköinti

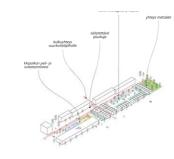
COMMUTER TRAIN STOP

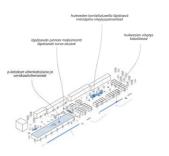
The environment of the commuter train stop allows for a natural transition between different modes of movement. The underpass connects the track to the North and south sides and new bridge over Tesoma highway brings Tesoma the areas east of the highway form an integral part of the station area. Route allows smooth travel on foot, by bike or even electric scooter. Near the commuter train stop under the canopy, ecologically sustainable forms of movement are a priority. The ground floor of the parking facility is an open traffic hub.



TVA BLOCK







YARDS AND PARKING

The ground floor of the parking Centralized parking allows The grand courtyard is inspired by building is home to a wide for a pedestrian-oriented area range of spaces that support formation. High-quality surrounding activities such as play equipment storage, walking-bike tool rental and workshop facilities. Game, playground and block yard urban farming the gardens of the apartments create a comfortable courtyard.

NAVIGATE

connections to the area's network support sustainable mobility.

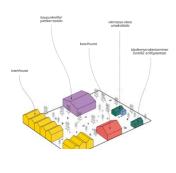
GREEN TYPOLOGY

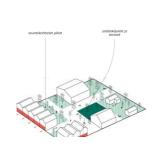
the adjacent block and the forest emblem. Clear areas have been designated for play and recreation activities.

STORM WATER MANAGEMENT

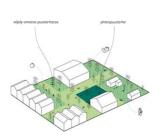
Delay prints are part of the look of the yard. Impermeable surfaces the number is minimized. Green roofs and vertical green walls help stormwater management.

DETACHED HOUSES









SCALE

scale of the environment the whole thing.

MULTI-PURPOSE SOIL LAYER

space.

NAVIGATE

Townhouses, Town Villas, Entrances and small terraces Car traffic will remain on the greenhouses, detached houses on the ground floors of driveway and parking will be on town wool courtyards, common and low-rise buildings fit the buildings activating street the outside of the block and inside buildings. High-quality connections enable small-scale communal to the walking bike network in the area support sustainable mobility.

LOCAL FOOD PRODUCTION

Gardens of townhouses and allotments and greenhouses farming.





Working experience/ Interior design for the Spanish Council of architects. Madrid 2023

Location: Madrid Year: 2023

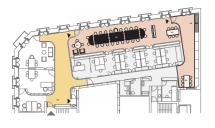
Group project of 3

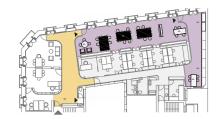
The structure of parallel load-bearing walls, a facade facing two streets, and an interior courtyard system allow for easy adaptation of the floors to a use other than housing. As a result of this simple spatial and structural system, there has been a significant functional transformation of the district. Many buildings in this central and representative area of the city now integrate commercial and office uses. Therefore, the location is optimal to house the headquarters of the CSCAE (Council of Architects)

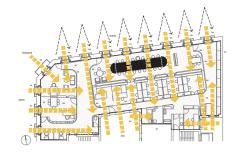
In this regard, flexibility is crucial, allowing the space to be reconfigured based on planned activities and/or the need to work in an open office or compartmentalized office layout.

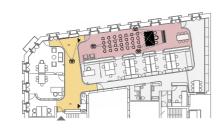
From a spatial perspective, two large areas have been organized, defined by curved double glass partitions without corners. The first area accommodates the Executive Team, while the other integrates the plenary hall and the rest of the departments, separated by a load-bearing wall equipped with necessary connections and installations, as well as communication doors. Access points, welcome areas, circulation spaces, and service areas are situated between these «bubbles.»

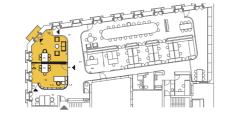
The irregular floor plan and slatted ceiling in the distributor area create a timeless interior design with an institutional character. A translucent panel integrates the CSCAE logo (with the A in bronze) and provides access on one side to the Presidency office and on the other side to the plenary hall. The transparency of the partitions and their rounded corners allow for a panoramic view of the entire space. However, this view can be adjusted by textile elements, such as curtains operated by each user from their workstation, in order to ensure privacy for each individual.

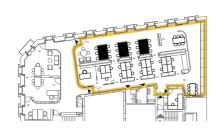


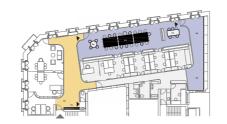


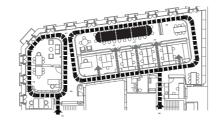


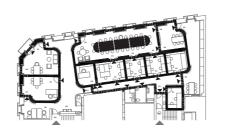


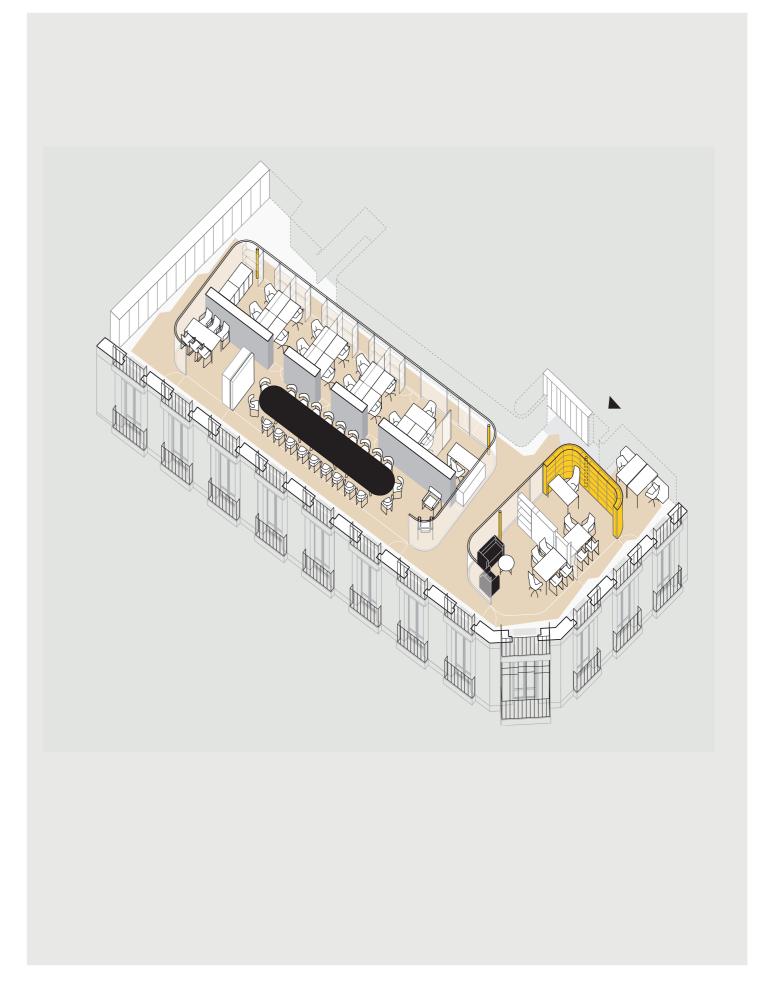


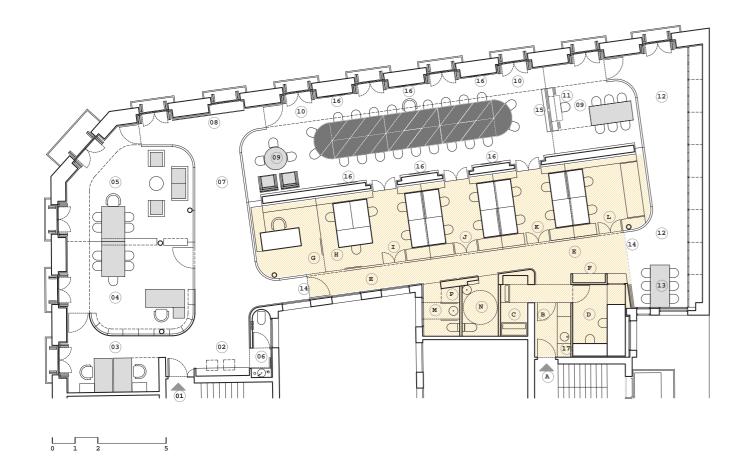


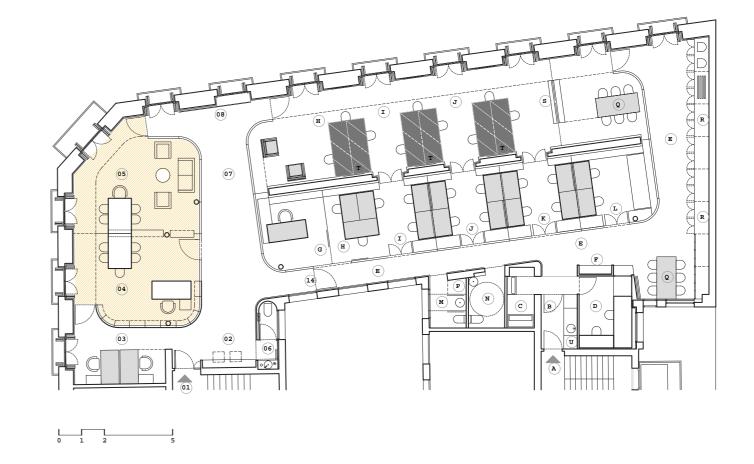




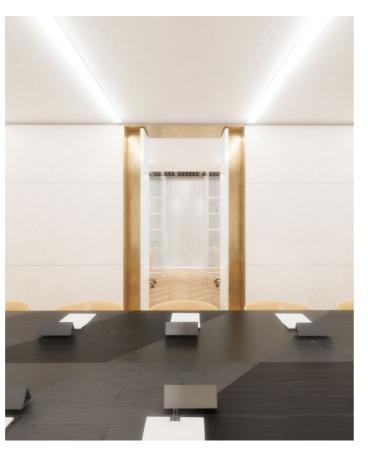












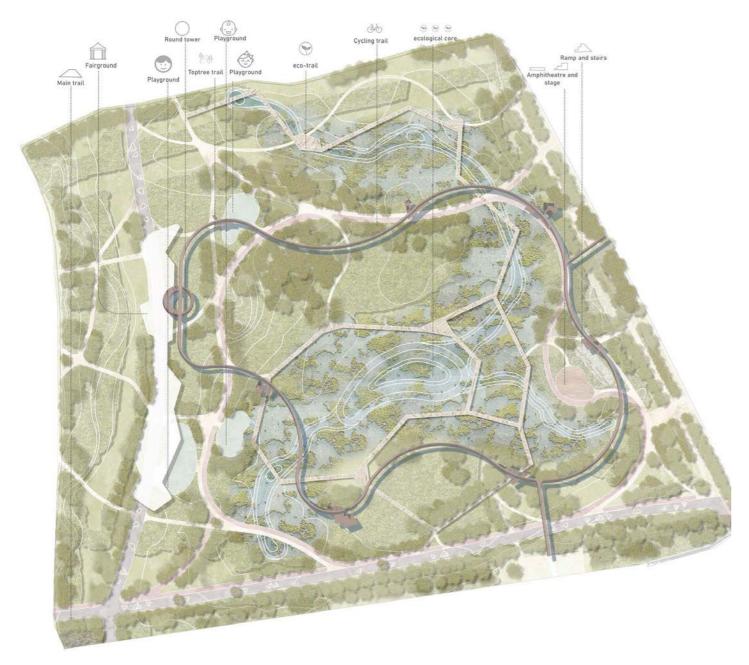




Competition «Cozyness Valley». 2020

Location: Murmansk Year: 2020

Group project of 2



The main design concept is based on the principles of sustainability. Also, it is created according to the history and geographical specifications of that particular place.

Working on the analysis, we saw the strong natural potential of this place in terms of a lake and the surrounding marshland. The swamp is the most valuable natural element in spite of people's misconceptions. The swamp within the city is a unique phenomenon. We decided to create a park with the ecological core.

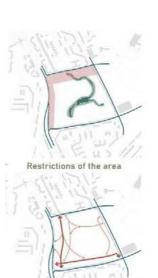
The main points are:

-creation of secondary channels gently induration in periods of water rises/ a habitat for local fauna

-creation of natural biofiltration

filter runoff into rivers and improve water quality.

- replenishment of biodiversity in the swamp maintaining biodiversity.



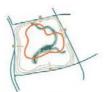




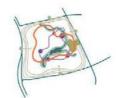
Ecological core of the park



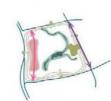
Skiing and cycling root connection to the surrounding



Treetop trail



connection between treetop trail and eco-trail



Fairground and the main transit roots









15 Drawings





