

Ing. arch. Marián Ontkóc, ArtD.

PORTFOLIO





Ing. arch.
MARIÁN
ONTKÓC, ArtD.



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Senec, Slovakia (Slovenia 2026)

LINKS



marianontkoc.eu



in/marián-ontkóc-121583142

LANGUAGES

English

German

Polish

Slovenian

REFERENCE

Mgr. art. Bjørn Kierulf - CEO Ecococon
 bjorn@ecococon.eu
 +421 905 313 078

HOBBIES

hiking, gardening

What I bring to table?
 Deep knowledge and experience with natural materials and regenerative thinking at different scales together with passion for renovations. My dream is to restore/bring to life brownfields in cities.



EDUCATION

2003 - 2009

Ing. arch.

- Master degree on Faculty of architecture, STU Bratislava
 Institute of Ecological and Experimental Architecture

2018 - 2023

ArtD.

- Academic degree on Faculty of architecture and design, STU Bratislava
 Institute of Design



WORK EXPERIENCE

2007 - 2008

- architect at GFI, Bratislava (www.gfi.sk)

since 2010

- self employed (IČO: 45489921)

since 2014

- lecturer of strawbale buildings (www.strawbuilding.eu)

2017 - 2018

- Architect at Barčík & Popovič, Bratislava

2021

- Living Future Masterclass (www.youtube.com/watch?v=7mtnHEIQQNs)

2023 - 2024

- architect at Createrra, Hrubý Šúr (www.createrra.sk)

since 2024

- technical timber architect and R&D at Ecococon, Hrubý Šúr (www.ecococon.eu)



PUBLICATIONS

2020

- Nebúrať, ale obnoviť (manual for renovation for owners of traditional houses)

ISBN 978-80-973529-X

2021

- Participatory design as a tool for sustainable regional development

DOI: 10.2478/alfa-2021-0010

2022

- Regional identity and its contemporary forms as important part of social sustainability

DOI:10.1063/5.0111543



SKILLS

ArchiCAD

SketchUP

AutoCAD

Team collaboration

Creative regenerative thinking

Networking

LINKS

 marianontkoc.eu

 [in/marián-ontkóc-121583142](https://www.linkedin.com/in/marián-ontkóc-121583142)

Publications

https://www.researchgate.net/publication/365418142_Regional_identity_and_its_contemporary_forms_as_important_part_of_social_sustainability

NGO ArTUR (sustainable architecture)

<https://ozartur.sk/>

Ecococon

<https://ecococon.eu/si/>

Living future Europe

<https://living-future.eu/>

ActEco (online learning platform)

<https://acteco.eu/>

European Straw Bale Association

<https://strawbuilding.eu/>

Body conscious design

https://www.bcclab.eu/index_e.html

I am working with natural materials from my university studies and designed and built several mostly family houses. I specialized in straw in architecture, but I have experience with other natural building materials as hempcrete, blown cellulose, wood fiber as well. My professional path starts by joining NGO ArTUR which are many enthusiasts in this field and slowly transformed general perception of those material from "hippie" to professional architects, craftsmen and suppliers. I participated in many European project in where we created curricula for clay and straw to support our courses, which certificates are recognized in EU. Next step was to create ESBA and online platform ActEco. Those activities have deeper cooperations on European level.

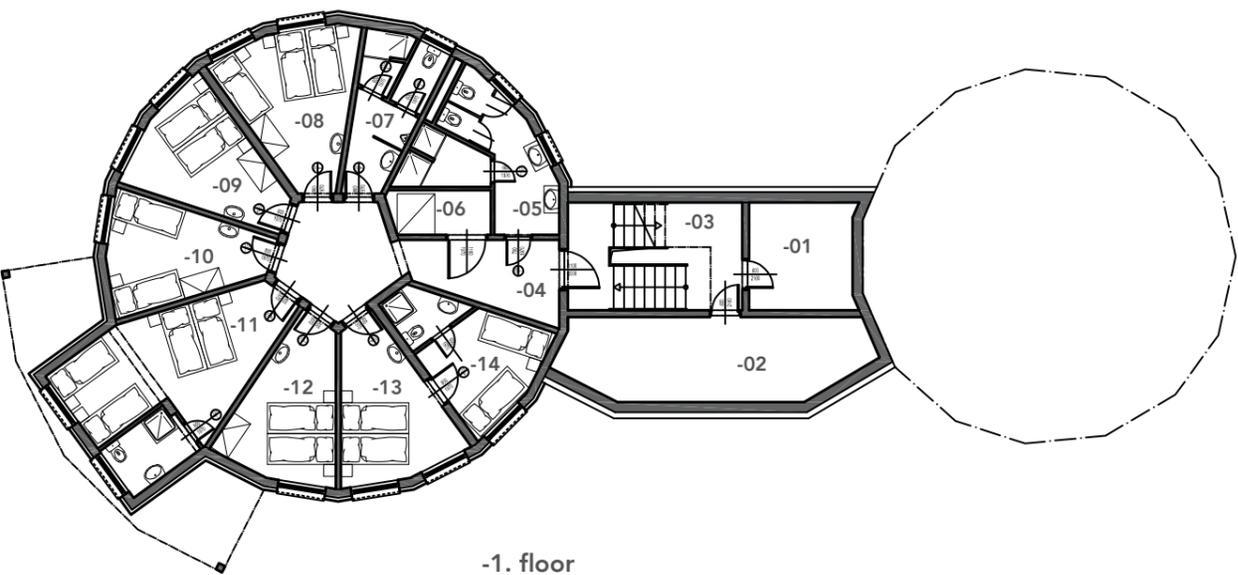
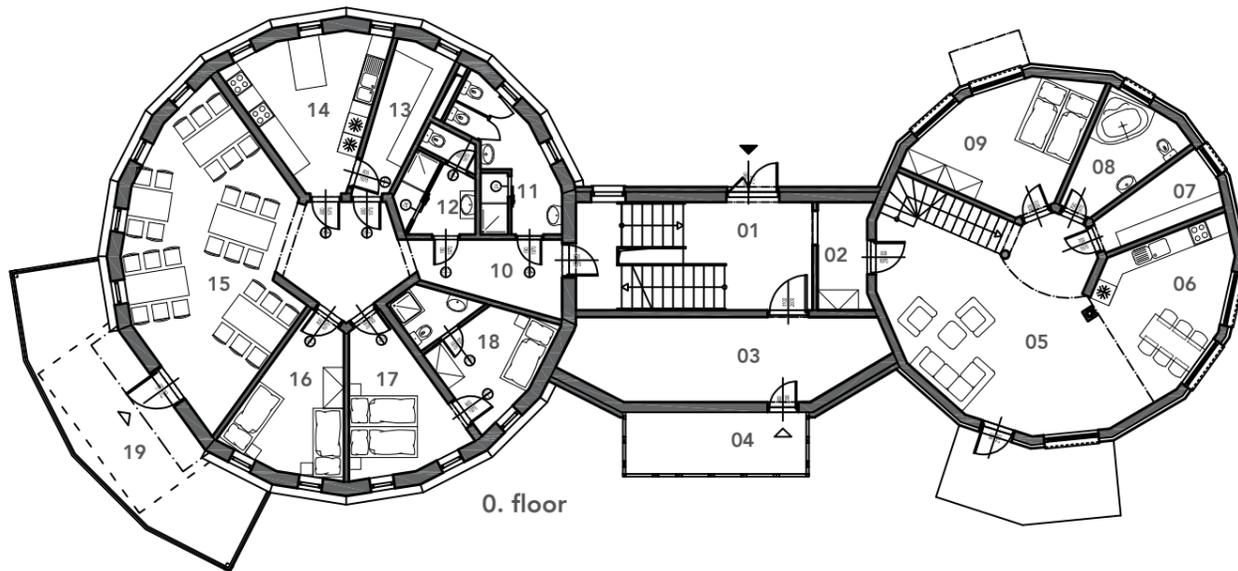
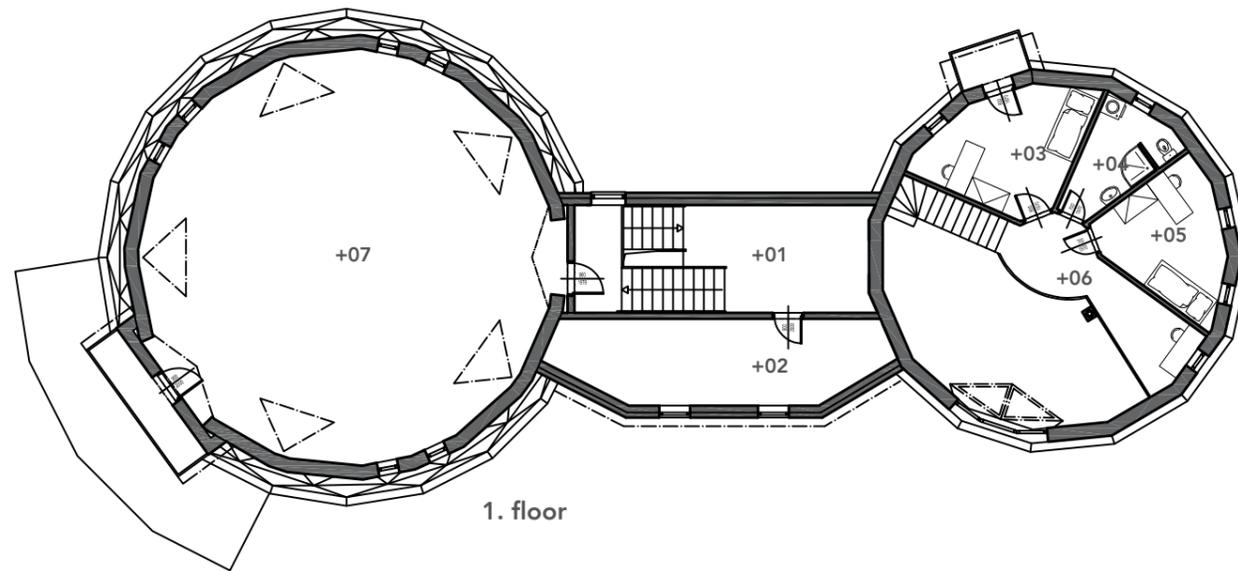
I am also keen on renovation and restoration, especially from adobes. I am able to make house diagnostics, detect problems and propose remedies.

My ArtD thesis was about participatory design in rural areas and social sustainability. I tried to push sustainability into social spheres. Dissertation supervisor was prof. Veronika Kotradyová. She is specialized in interior environment and she opens new dimensions into architectural possibilities. With attendance of Jader Tolja's workshop I was able to understand body conscious design and use it in practice.

I am also working in regenerative architecture and I hope I will be able to have some work in this area in future as well. I am member of Living building Europe and was member of technical advisory group.

I am currently working for Ecococon, where I prepare panel projects for manufacturing preparation. Our clients are worldwide and get professional service through all manufacturing process. From creating and calculating panel project to set deliver time and make sure panels will arrive fine. Our projects have different scales. Sometimes are only few sample panels needed and sometimes we deliver panels to one of the biggest straw insulated building in the world.

It is about the time that I want to scale up my knowledge and experience with natural materials and healthy indoor environment, which I cannot by myself. I must study building physics and performance by myself back then. That force me to know and create unique details and networks.



FAMILY HOUSE + TRAINING CENTER

 Hrubý Šúr, Slovakia

Built-up area: 296 m²

Useful area: 627,98 m²

Project: 2011

Built: 2013

Project: Study

Permit documentation

Construction documentation

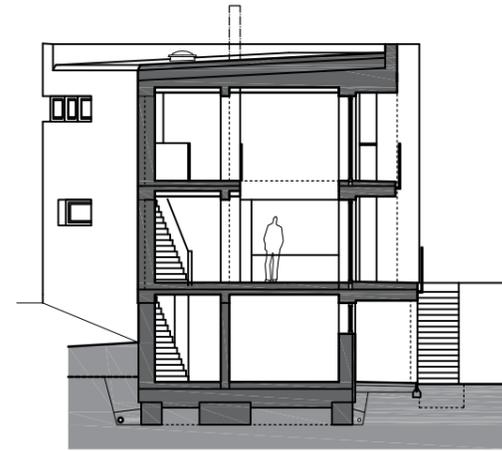
.skp, .dwg

One of my first bigger project. Shape of this house was chosen by investor. They simulate circular way of growing vegetables in nearby fields. Smaller dome is his home and they are running holistic courses in the bigger one. Vertical parts was designed from lime-sand bricks and blown cellulose into triangles in domes, but unfortunately client change it to cheaper concrete blocks with PU insulation in domes.

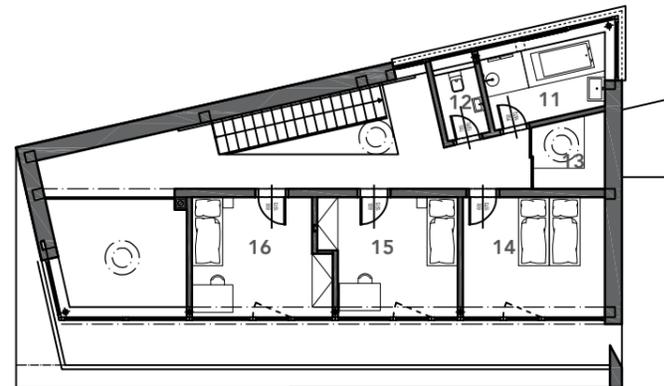
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|------------------------|-----------------------|--------------------|
| -01 storage | 01 entrance | +01 staircase |
| -02 boiler room | 02 vestibule | +02 lounge |
| -03 staircase | 03 storage | +03 bedroom |
| -04 passage hall | 04 glass house | +04 bathroom |
| -05 bathroom | 05 livingroom | +05 bedroom |
| -06 washing room | 06 kitchen | +06 passage + work |
| -07 bathroom | 07 storage | +07 lecture hall |
| -08 room | 08 bathroom | |
| -09 room | 09 bedroom | |
| -10 room | 10 passage hall | |
| -11 room with bathroom | 11 bathroom W | |
| -12 room | 12 bathroom M | |
| -13 room | 13 storage | |
| -14 room with bathroom | 14 kitchen | |
| | 15 dining room | |
| | 16 room | |
| | 17 room | |
| | 18 room with bathroom | |
| | 19 terrace | |



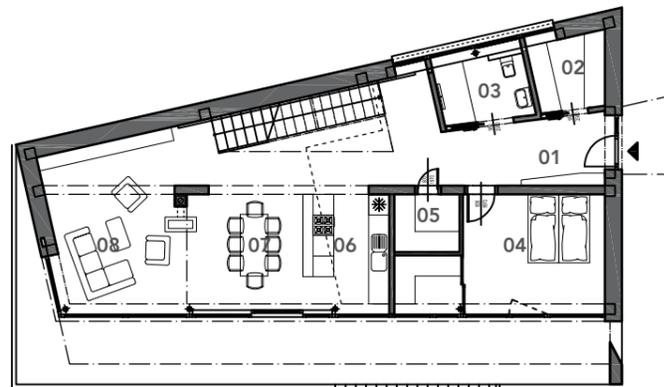




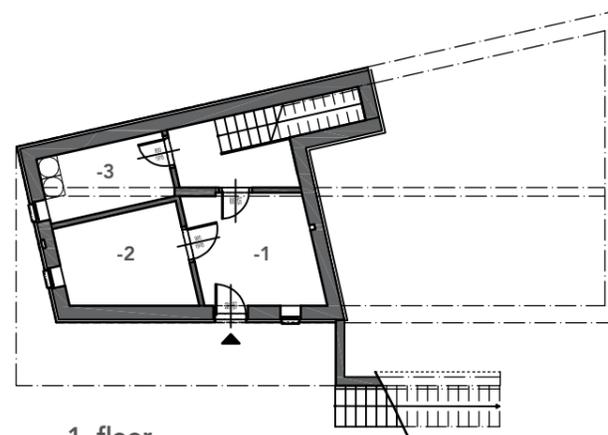
Section



1. floor



0. floor



-1. floor

FAMILY HOUSE

 Bratislava, Slovakia

Built-up area: 167,74 m²

Useful area: 280,17 m²

Project: 2017

Built: 2019

Project: Permit documentation
Construction documentation
.dwg .skp

Located in the wood in dense log cabin area. Using south facade with good shading. Built as reinforced concrete frame with hempcrete infill (mixture of lime, hemp shives and puzolan sand).

11 bathroom

12 toilet

13 dressing room

14 bedroom

15 bedroom

16 bedroom

17 bedroom

01 entrance

02 storage

03 bathroom

04 bedroom

05 dressing room

06 kitchen

07 diner

08 livingroom

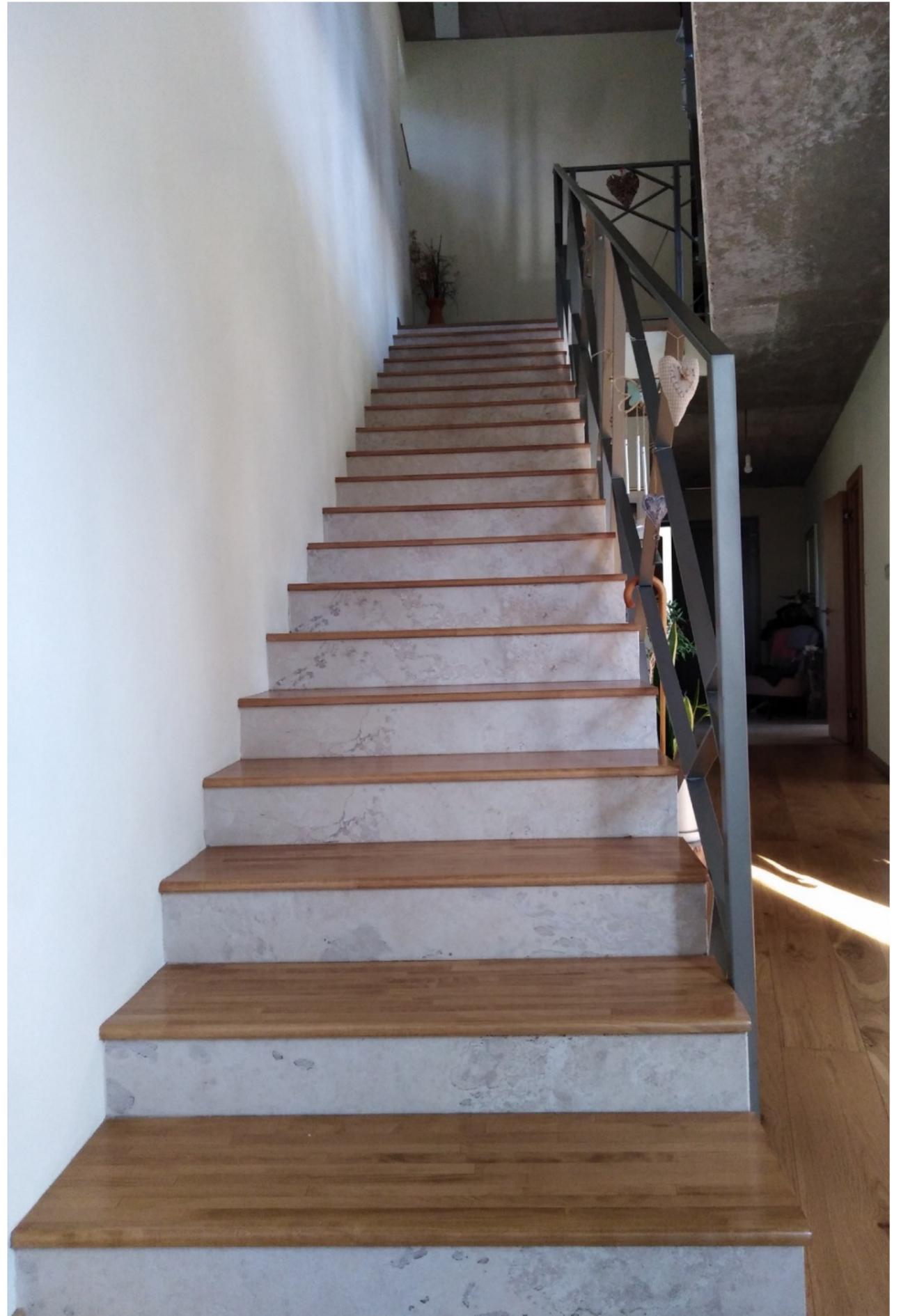
-01 storage

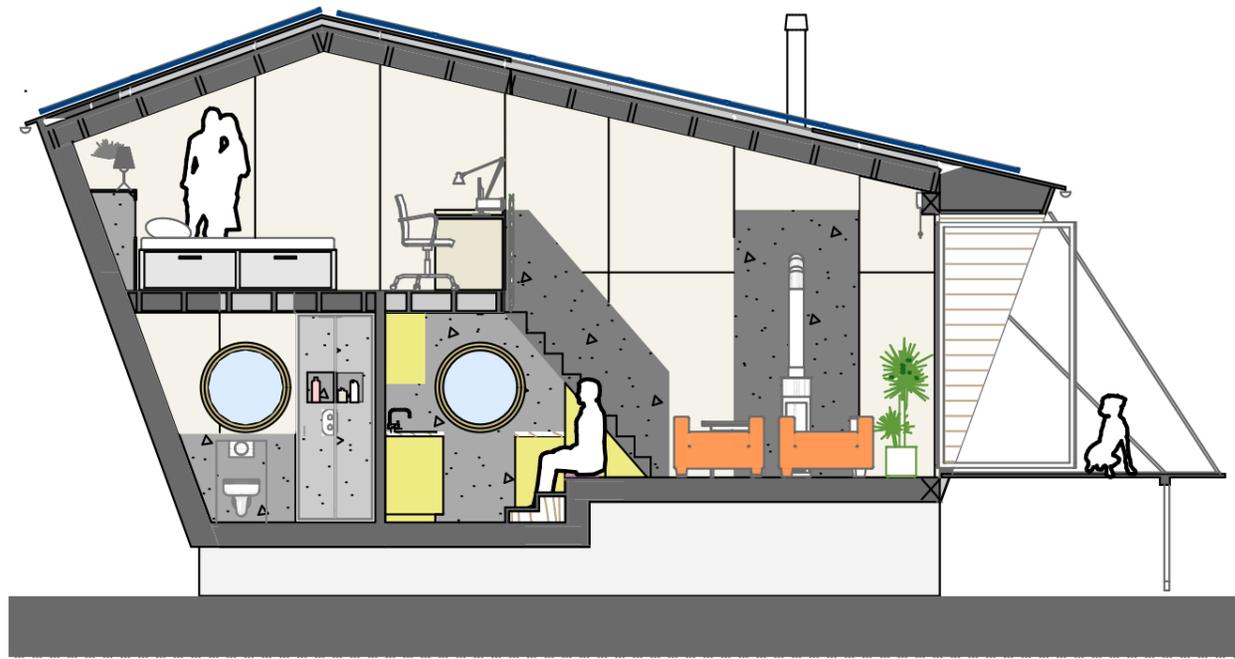
-02 boiler room

-03 storage

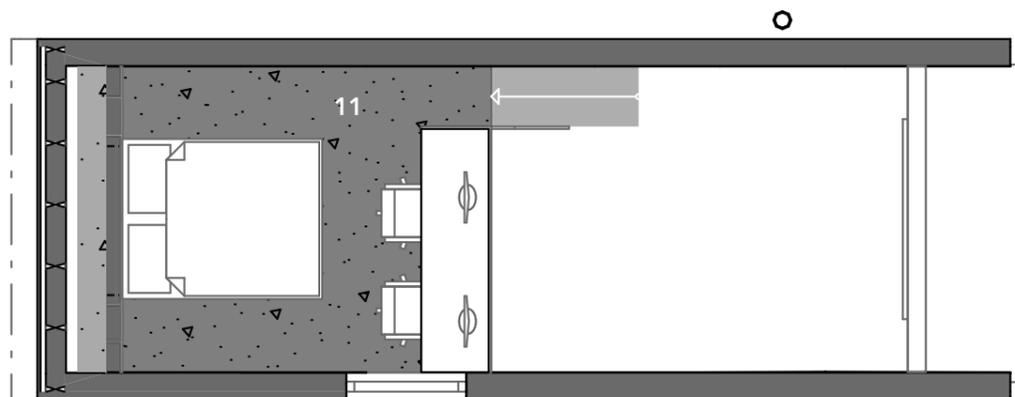


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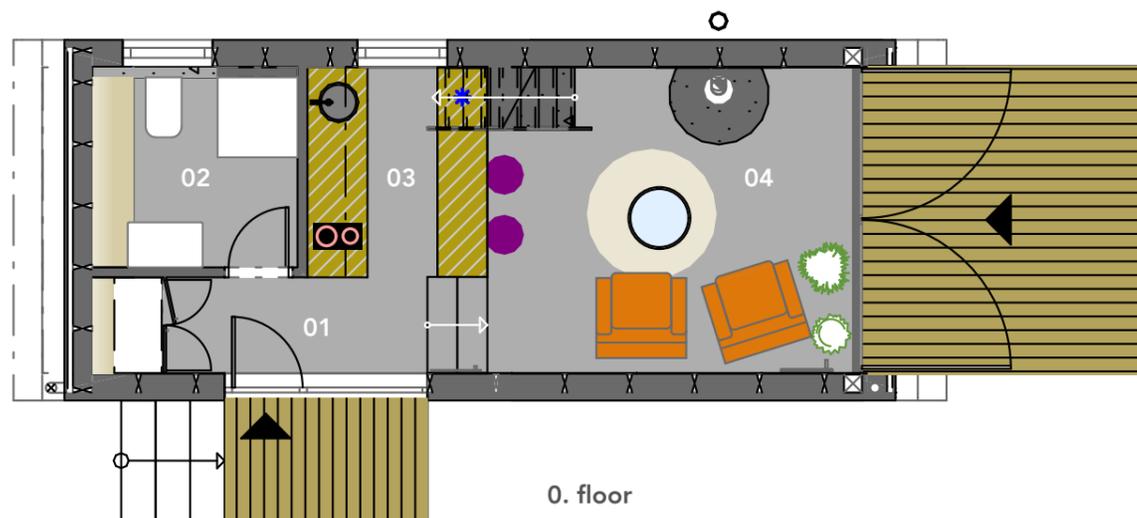




Section



1. floor



0. floor

TINY HOUSE



Built-up area: 26,25 m²
 Useful area: 32,89 m²
 Project: 2017

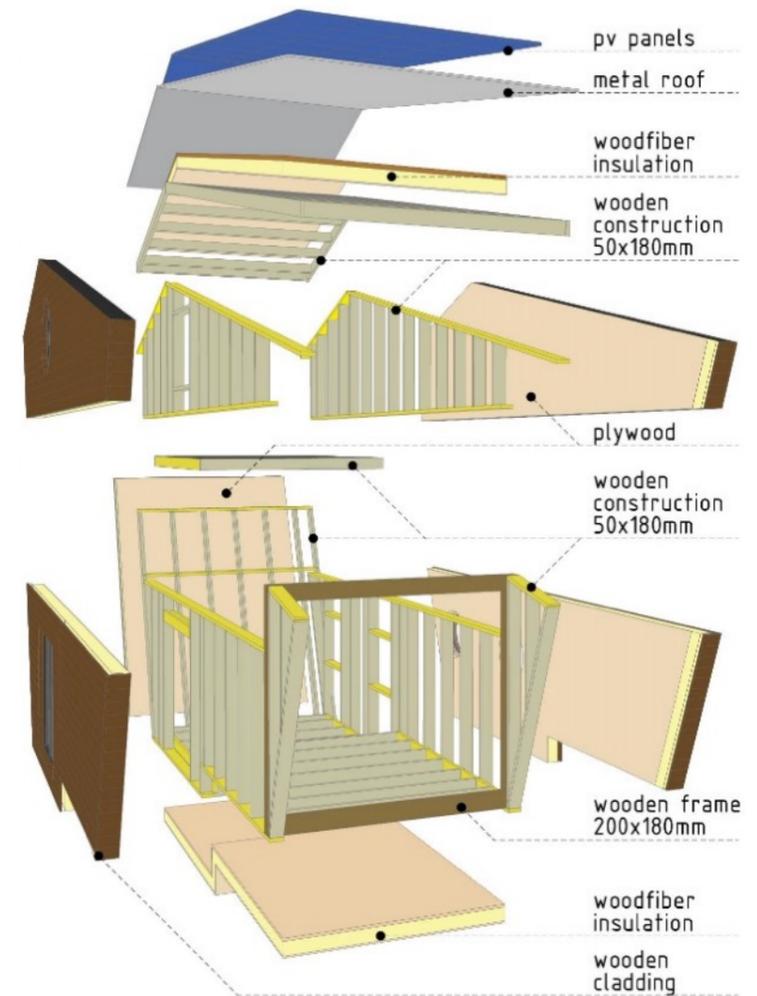
-
 Study
 Construction documentation
 .pln

Inspired by Norwegian architecture. This tiny house meant to prebuilt in factory and deliver into site by truck. This wooden urban ark id made 100% by wood (construction, insolation, airtightness, windows, surfaces). Concept fulfilling needs for living standards for 2 people. Compete in international tiny house competition in 2020.

- 01 entrance
- 02 bathroom
- 03 kitchen
- 04 livingroom

11 sleeping / working







LIBRARY RENOVATION

 Námestovo, Slovakia

Useful area: 260,64 m²

Project: 2019

Built: 2020

Project: Study

Construction documentation
.pln

Complete renovation of layout of library's interior. I created new position of front desk and use high ceiling to add podium which serve also for occasional cultural events. Focused on improvement of the indoor environment, new ventilation for fresh air and ceiling for acoustic comfort was added.

Restored original lights and parts of furniture.



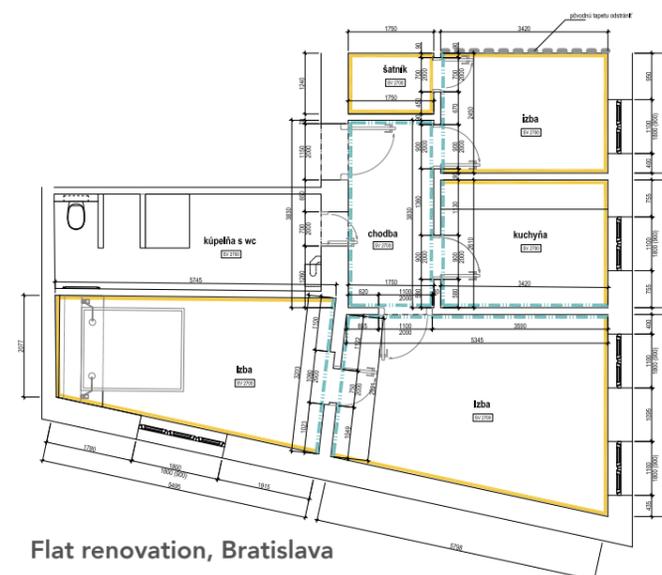
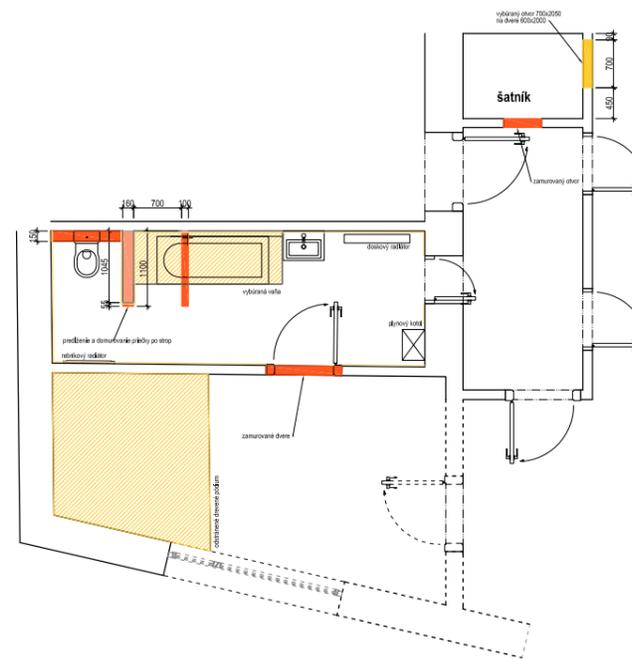
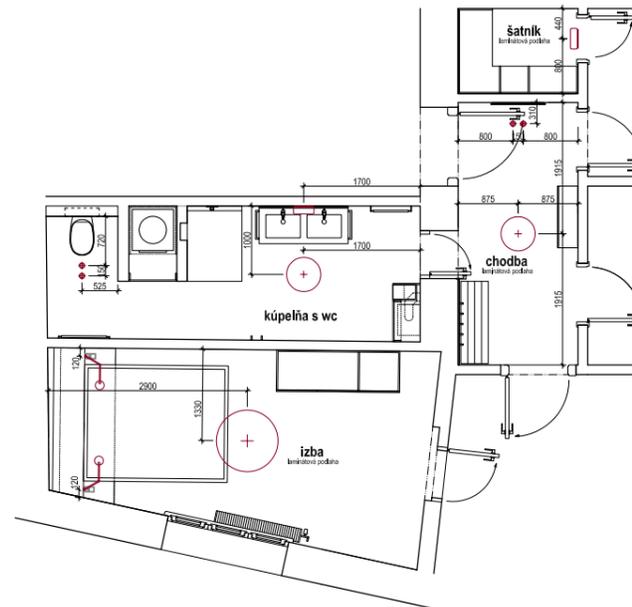
- 01 entrance
- 02 kid's section
- 03 performance section
- 04 reading section
- 05 front desk
- 06 books
- 07 podium with books
- 08 books

0 1 5





Kitchen Oslany



Flat renovation, Bratislava

INTERIORS AND KITCHENS



Slovakia

Useful area: - m2
 Project: 2017-2018
 Built: 2018
 Project: Study
 Construction documentation
 .dwg

Cooperation with architect Barčík brings me into world of interiors.

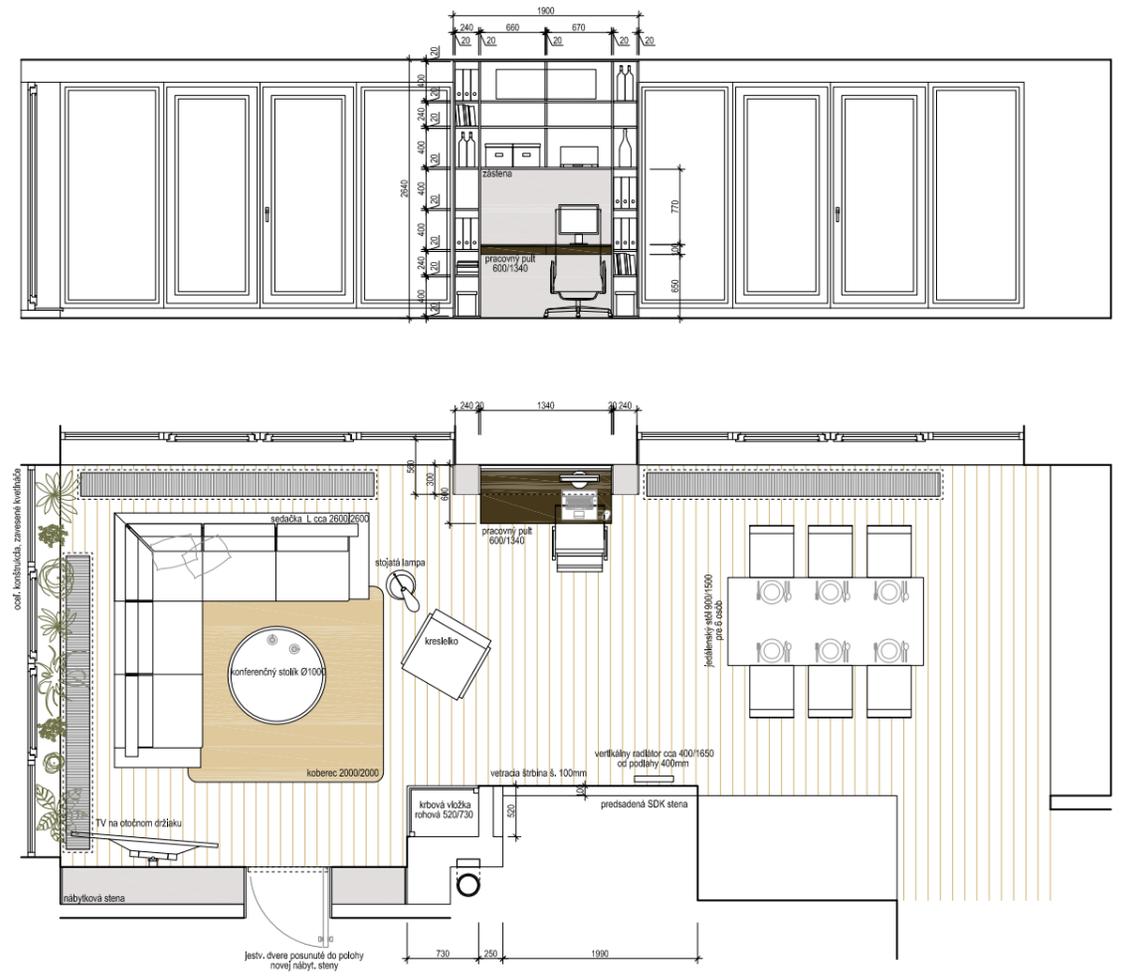
Restored original lights and parts of furniture.

- 01 entrance
- 02 kid's section
- 03 performance section
- 04 reading section
- 05 front desk
- 06 books
- 07 podium with books
- 08 books





Kitchen Piešťany



Flat renovation, Bratislava



FAMILY HOUSE

 Mlynica, Slovakia

Built-up area: 82,51 m²

Useful area: 118,92 m²

Project: 2019

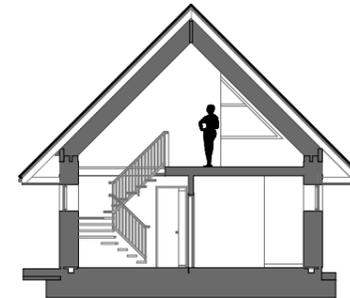
Built: since 2020

Project: Study

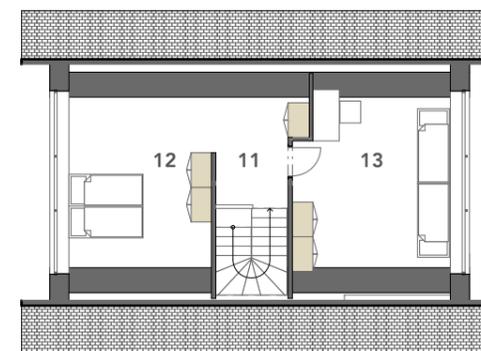
Permit documentation

Construction documentation

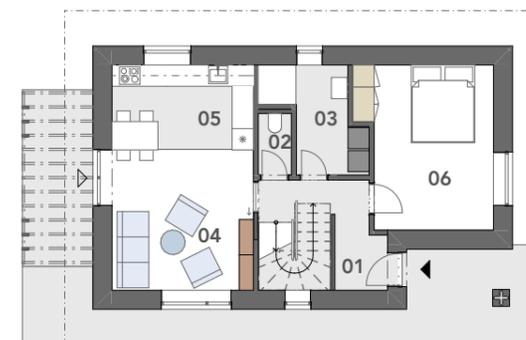
.pln



Section



1. floor



0. floor

Can you imagine that clients came to me with 1 story house proposition? And lose this magnificent view? Build in newly developed area under High Tatar's mountains. This is my first (not last) house built with Ecocon strawbale panels in passive house standard. Massive overhang of roof works perfectly during summer. As in 2025 still not completely finished.

11 hall

12 bedroom

13 bedroom

01 entrance

02 toilet

03 bathroom

04 livingroom

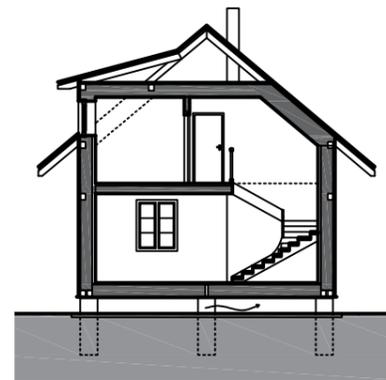
05 kitchen

06 bedroom

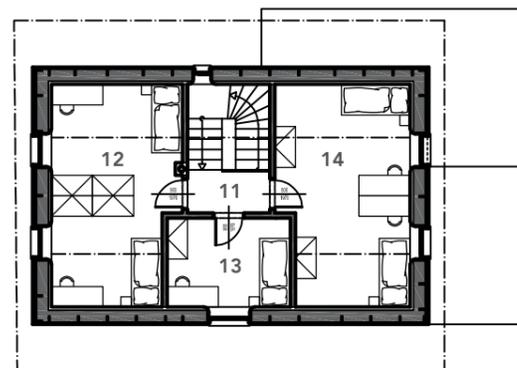


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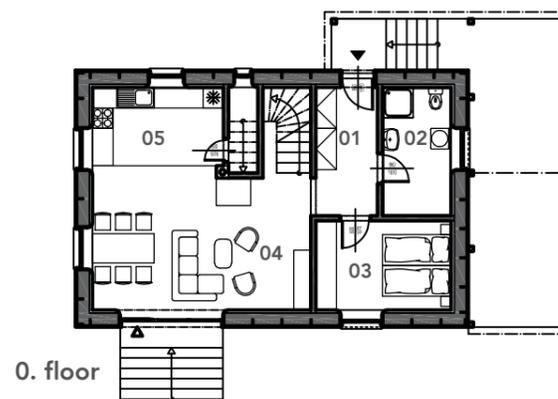




Section



1. floor



0. floor

FAMILY HOUSE

 Oravské Veselé, Slovakia

Built-up area: 84,57 m²

Useful area: 121,32 m²

Project: 2012

Built: 2014

Project: Study

Permit documentation

Construction documentation
.dwg

Wooden frame construction with straw-bale infill. Straw was design to be in all exterior walls, floor and roof. Because straw is in floor "crawl space" was created underneath. This is snowy region, so bottom of straw is min. 600mm above terrain. Interior walls are made from adobes and all surfaces had clay plasters. Heating by heavy wooden stove. House can work fine in case of blackout.

11 hall

12 bedroom

13 bedroom

14 bedroom

01 entrance

02 bathroom

03 bedroom

04 livingroom + dining

05 kitchen







FAMILY HOUSE

 Nesvady, Slovakia

Built-up area: 269,40 m²

Useful area: 128,05 m²

Project: 2018

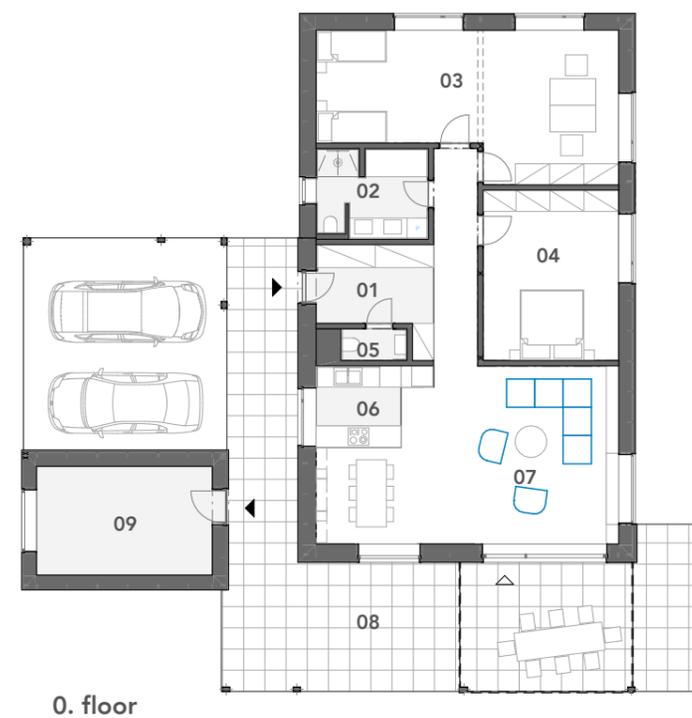
Built: 2019

Project: Study

Permit documentation

Construction documentation
.pln

House is located in sparsely populated area. Gently rolling countryside remained me prairie houses from F. L. Wright. House has 2 levels of roof and space fluently flow from inside out. Wooden frame wall construction + roof with straw-bale infill. All exteriors surfaces under roof in wooden cladding.



- 01 entrance
- 02 bathroom
- 03 bedroom
- 04 bedroom
- 05 toilet
- 06 kitchen
- 07 livingroom + dining
- 08 terrace
- 09 storage



0 1 5





FAMILY HOUSE

 Brodské, Slovakia

Built-up area: 242,44 m²

Useful area: 221,09m²

Project: 2020

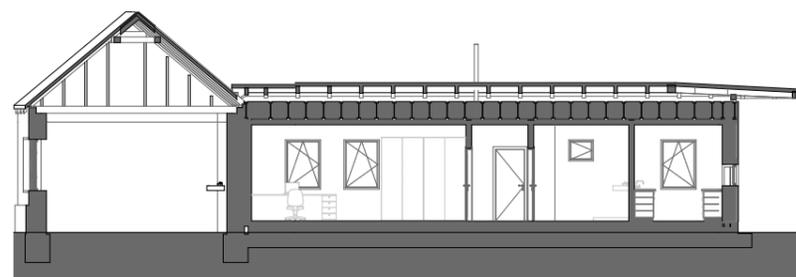
Built: 2022 -

Project: Study

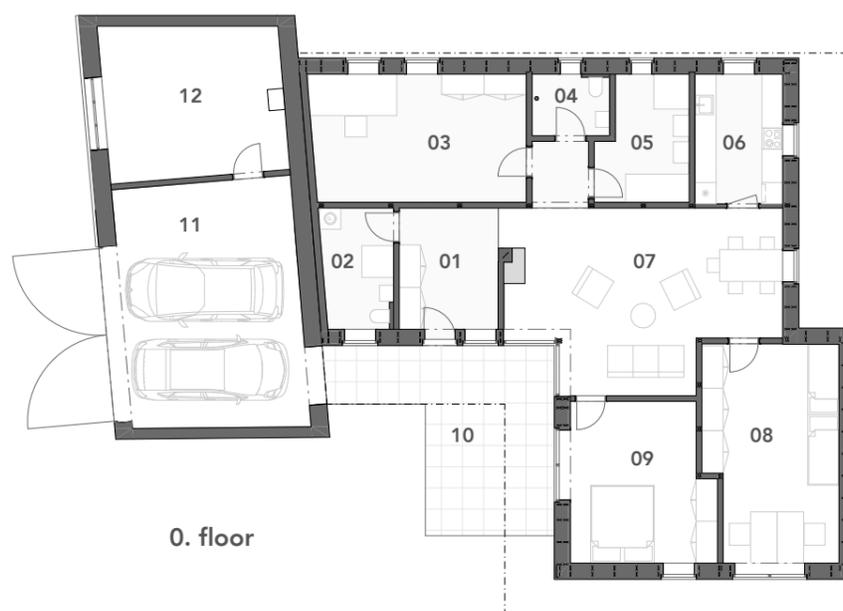
Permit documentation

Construction documentation
.pln

Renovation of an old house on an old street. Regulation forbid to make decent first floor. From old mason house we made storage and garage where it can walk continuously through terrace into proper insulated extension. Construction is wooden frame with blown insulation infill. OSB boards has 3 functions: bracing, airtight layer and installation gap. We were able to recycle cca 80% of construction debris on site.



Section

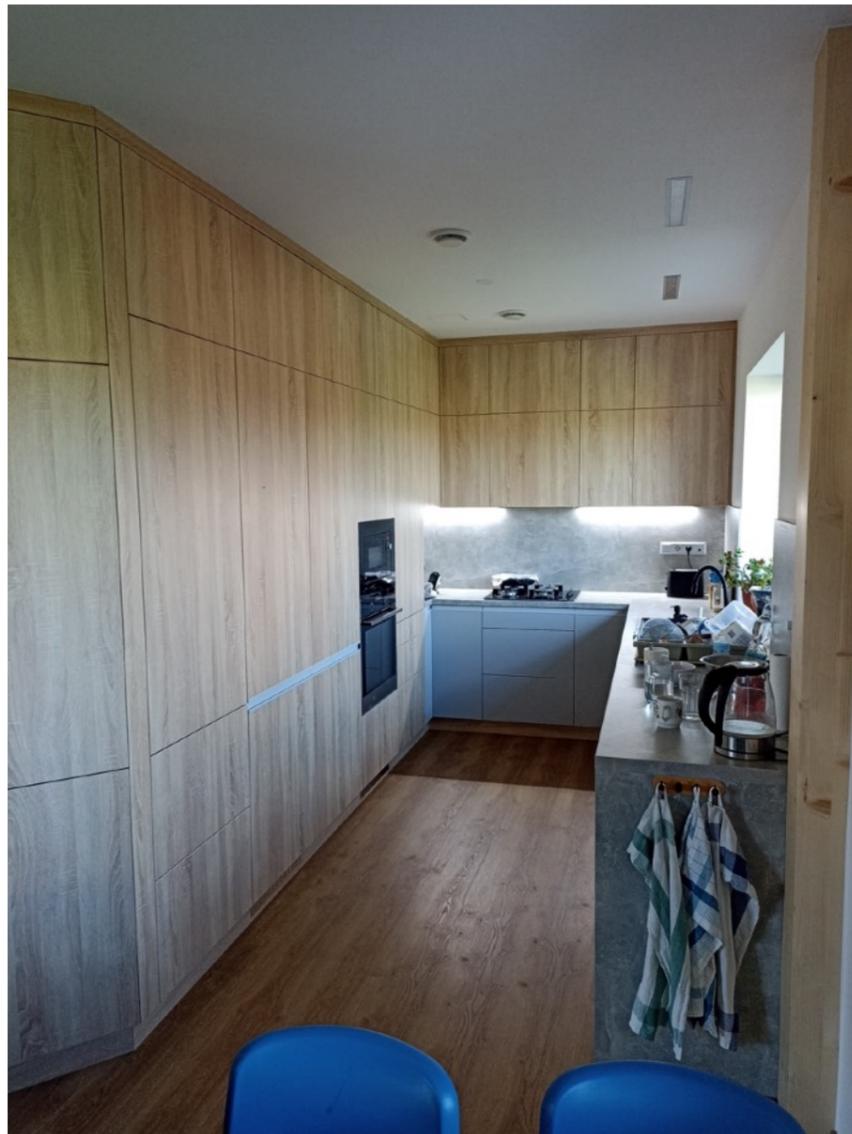


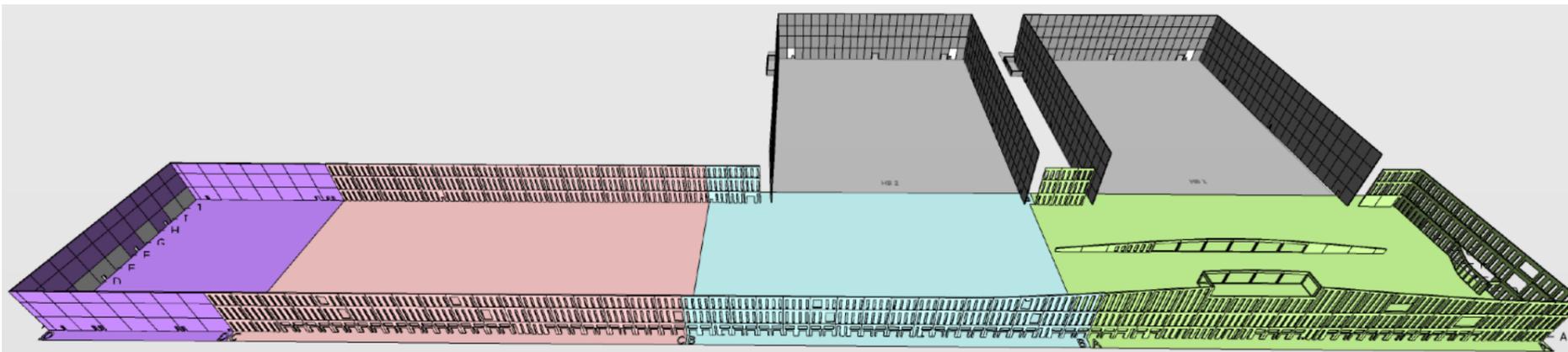
0. floor

- 01 entrance
- 02 boiler room
- 03 work
- 04 toilet
- 05 bathroom
- 06 kitchen
- 07 livingroom + dining
- 08 bedroom
- 09 bedroom
- 10 terrace
- 11 garage
- 12 storage



0 1 5





ECOCOCON

 Bratislava, Slovakia

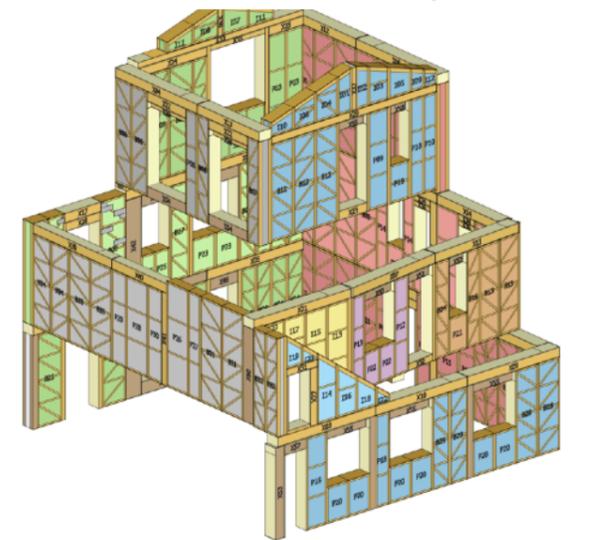
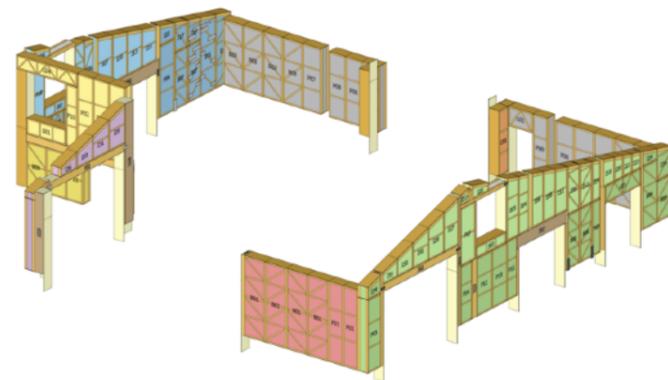
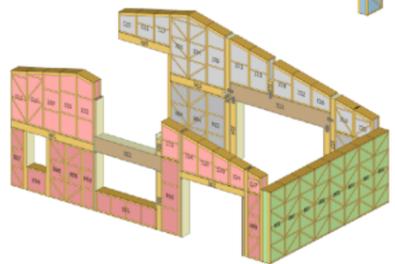
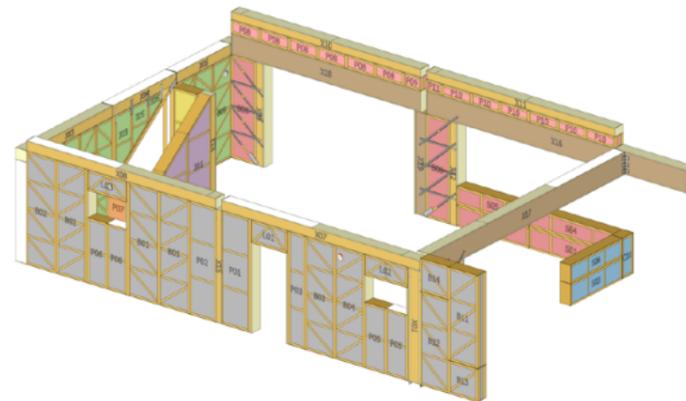
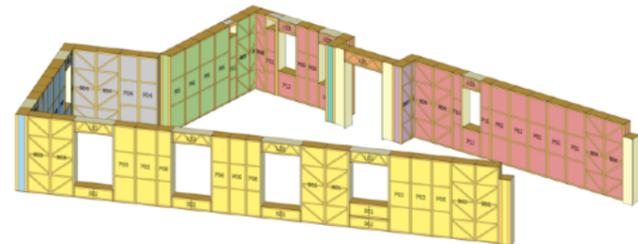
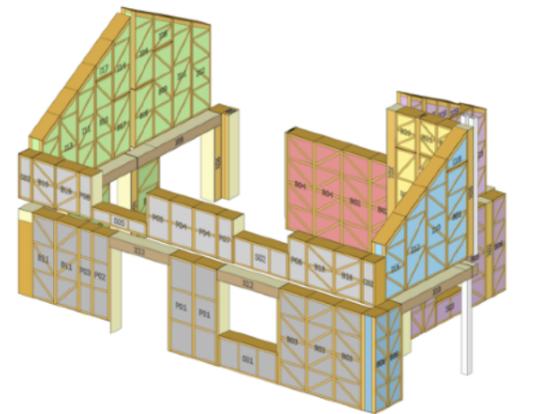
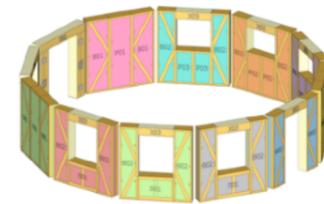
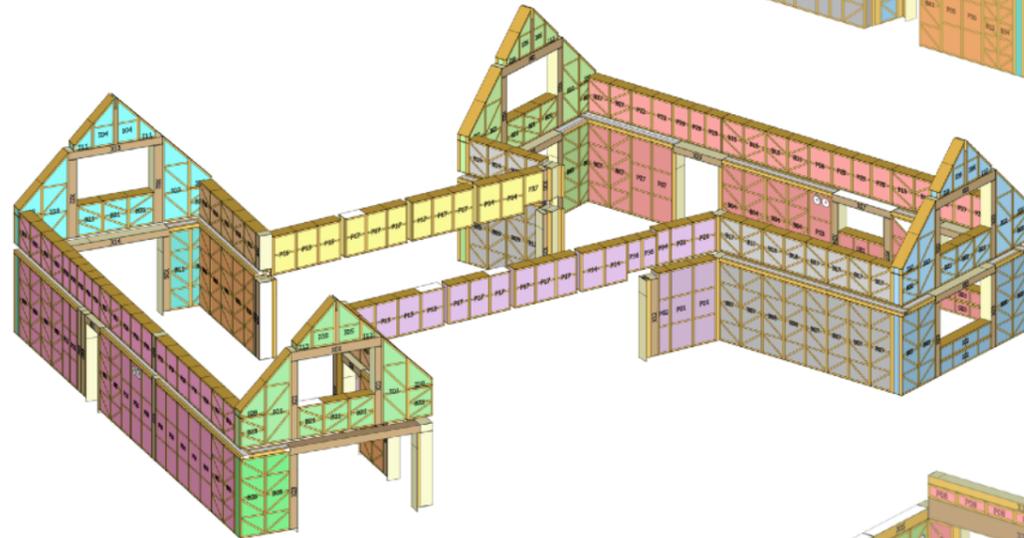
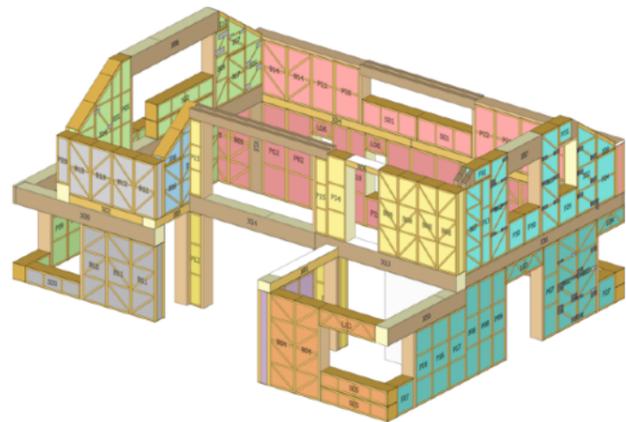
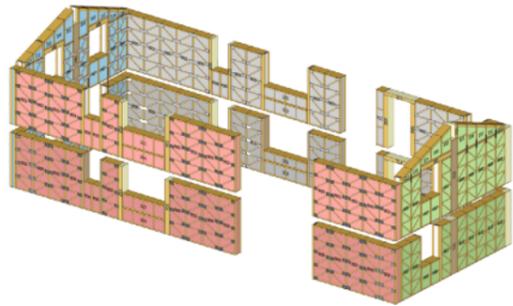
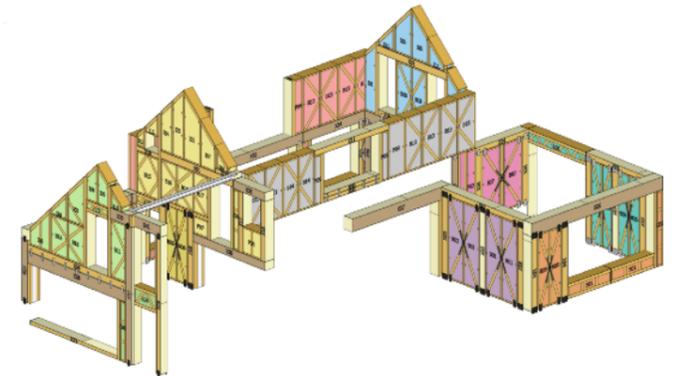
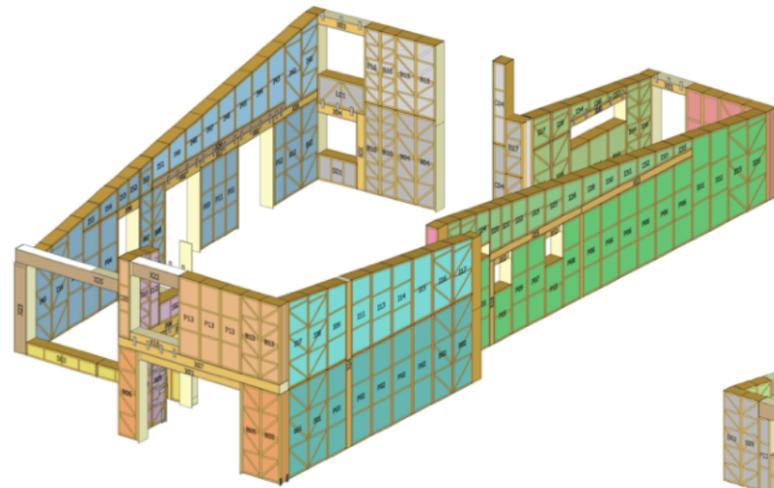
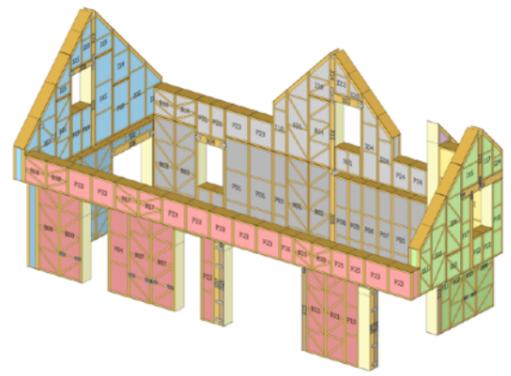
 [/watch?v=Isip_QPhTZc](https://www.youtube.com/watch?v=Isip_QPhTZc)

Built: varies m2

Projects: since 2024

Documentation for production
.skp

I start working in Ecococon company, which is producing straw panels, after they built second factory in Slovakia. First factory is in Lithuania. I prepare documentation for production, communicate with engineers and clients. Houses are in many shapes and sizes all over the world. Current biggest achievements are logistic center in Netherlands and 12 story apartment building in Sweden.





COMPETITION, MEDZIHÁJ

 Trnava, Slovakia

Area: 527 870 m²
Project: 2024
Study
.pln

As part of Createrra team we attended small architectural competition in Trnava city. Goal was to create calm, diverse family friendly environment. Main focus was on garage houses, as we didn't want to dig everything down under, because need for parking will be decreasing and then will be no use for underground garage spaces. We made them semi-recessed and add more function on top of it such as leisure center, kindergarten or small playground. All of residential department were design out of Ecococon straw panels. We were able to decrease use of water by 50% just by adding grey water cleaning equipment to every building.

By turning objects we created semi private spaces for people where community gardens, small playgrounds or just natural walking paths can happen.

