PORTFOLIO ANGEL GIL NOVELLON

Graduated in Architecture studies.
My name is Ángel Gil and I have a degree on architecture studies. In this portfolio I present a synthesis of seven projects that I have developed throughout the degree. Five of the projects are at the academic level and two at the professional level, which have been carried out in the engineering office where I currently work. In case you would like to deepen a little bit more in any of the projects, feel free to visit my website using the QR code.
Academic projects

YOUTH HOSTEL

REPURPOSING

CERAMICS MUSEUM CAN COLL

RENEWAL

REVERSE HOUSING

Professional projects

BOTING!

GALILEU BUILDING

Contact and website

Ángel Gil Novellón
angeel.gil.94@gmail.com
YOUTH HOSTEL

Youth Hostel is a project for the construction of a new youth hostel that would be located on a parcel in front of the beach in the neighbourhood Casagemes in Badalona. The parcel provided is approximately 170 m2.

Author: Ángel Gil
Tutors: Antoni Pérez and Mariana Palumbo
Location: Badalona, Barcelona
Fifth year, June 2019

The aim is to design a reduced size hostel where everything fits. For this reason, we were given a small parcel. In this project, the main purpose is not what the building is going to be used for but the creation of a building with a clear organizational scheme and good environmental quality. One of the requirements of the project was that the main material used as an outside finish had to be the exposed brick.

It has been a small dimensions’ project, where all the details have been carefully worked upon, from constructive details to defining the area’s atmosphere, not forgetting the definition of the installations and the finishes.

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REPURPOSING

Repurposing is a project of change of use of the Moja Palace, located in the Gothic quarter of Barcelona. The Moja Palace is a neoclassical manor house in which the Department of Heritage and Culture of the Catalan Government is currently located.

Authors: Guillem Ferrer and Ángel Gil
Tutors: Pere Buil and Josep Giner
Location: Barrio Gótico, Barcelona
Fifth year, January 2018

When defining the program to be implemented in the palace, we set the goal of grouping the programs in one single building through a community route. To make this itinerary possible, we analysed each programme to find the common spaces and the minimum private spaces required. This association allowed us to create a circuit that goes from the common to the private, where common rooms together with private spaces of each equipment are found. The tour reduces each equipment, making it possible to have so many programs in the palace.
CERAMICS MUSEUM CAN COLL

The Ceramics Museum is a project of intervention in the Bòbila of Can Coll, located on the road that goes from Cerdanyola to Horta. The Bòbila is in a very deteriorated state due to the passage of time and this project aims to turn it into a Ceramics Museum.

Authors: Elena Fargas Guillem Ferrer and Ángel Gil
Tutors: Manuel Gonzales and Monserrat Cucurella
Location: Cerdanyola del Vallès

February 2019

After studying in detail the current building through plan lifting, recognition of the state of conservation and through photographs of the current state of the building, we were able to design strategies to improve the actual conditions of the building in order to reconvert it into a Ceramics Museum.

Thanks to the study in detail of the building, it has been possible to detect the damages that the building presents. Also, it has allowed to carry out a more accurate execution process, since to make it even more precise it would be required to carry out tests in different points to determine the conditions inside the building, as well as the capacity of subjection of the existing pillars.

On the ground floor are the tours of the museum exhibition between the different rooms, and at the end of the tour there is the museum shop:

- Hall
- Fixed exhibition room
- Temporary exhibition room
- Audiovisual room
- Museum shop
- Warehouse

On the first floor are the spaces for the workshops, storage and cafeteria bar:

- Cafeteria / Bar
- Workshop space
- Warehouse
- Toilets
RENATURALISATION

Renaturalisation is an urbanism project where it is studied and analysed the district of Nou Barris of Barcelona to solve different territorial situations and improve them with actions that generate new spaces at the neighbourhood level.

Authors: Elena Fargas, Guillem Ferrer and Ángel Gil Tutors: Carles Llop and Catalina Salvàcurella Location: Nou Barris, Barcelona

2019 January

Fifth year

The set of actions generated will lead to the creation of a new network of relations with potential to become a new green infrastructure. Through analysis, we have been able to trace new green axes that connect the current parks and squares and the new points of interest that have been located. Moreover, these green axes are related to the main routes, which generate new interconnections. To carry out this proposal, different intervention strategies have been designed for each of the ways of acting in the different points of opportunity, so that they become new points of interest. These strategies are embodied in the images in a conceptual way.

The aim is to present a new green infrastructure, which has already been started in Nou Barris, and with the possibility of applying the same strategies in other districts. That is the reason why connections with the nearest neighbourhoods are foreseen.

1. Continuation walk
2. Replace parking with new centralities
3. Recondition existing barriers
4. Elimination of barriers
REVERSE HOUSING
Reverse Housing is a collective housing project for Coop de Falç cooperative, located in Barcelona, in the neighbourhood of Nova Esquerra de l'Eixample district.
Authors: Marc Egea, Guillem Ferrer, Victor Maitino and Àngel Gil
Tutors: Rosa Rull and Francesc Pla
Location: Nova Esquerra de l'Eixample, Barcelona
Fourth year, January 2018
As it is a cooperative, the internal circulation and common spaces are chosen as the backbone of the project. To generate more common spaces, the degree of privacy of the daily activities is analysed to reduce to the maximum the private spaces. A system where the divisions have movement is chosen and, depending on this movement, different degrees of privacy where you can gain or give space are generated, depending on the needs of the owners. In addition, this acquired flexibility allows regulating the spaces according to the use needed at any time.
Therefore, a home where we are free to choose the degree of privacy at the same time that we can modify it when desired is generated.
Booting is about the construction of the largest jumping park in southern Europe. It is located in a nave of 2000 m² inside a block built in 1959. It has a height of 10 meters in the highest part.

**Location:** Terrassa (Barcelona)
**Promoter:** AIR House Park Terrassa, S.L.
**Architecture:** GENDICO (Ionut Cosenco)
**Engineering:** BLANCH ENGINEERS

It is based on a brand new leisure concept, where the jumping area is divided into thematic spaces: Free jumping area, basketball, Airbag Foam Pit, Slackline, Dodge Ball, Volleyball, reaction Wall, Ninja Course and Battle Beam, The Wall... When doing it, special attention has been given to the impact with the neighbours and the city itself to facilitate mobility.

In this project I have done the engineering together with my colleague and chief Josep Maria Blanch. In particular, I have been in charge of carrying out the project for the preliminary report of the fire fighters, the calculation and sizing of the air conditioning system with heat pump and distribution of conduits, the electrical installation project and the installation against fire.
GALILEU BUILDING

Galileu Building is the reconstruction of a multi-family block of flats. It is located in one of the busiest streets in the centre of Terrassa. The building comprises 13 houses, commercial premises and an 18-seater car park.

Location: Terrassa (Barcelona)  Promoter: AMBAR IMOBILIÀRIA 2016, SLU  Architecture: PEPE GASCON ARQUITECTURA  Engineering: BLANCH ENGINEERS

The aim of this project has been to offer an exclusive product, emblematic and executed with first quality materials. Sustainability and energetic saving are the protagonists, since it has obtained a qualification ‘A’ with minimum energy consumption and CO2 emissions.

In this project I have done the engineering together with my colleague and chief Josep Maria Blanch. Specifically, I have been commissioned in a more autonomous way the elaboration of the electrical installation projects, the installation of the common telecommunications infrastructure (ICT), the installation of air conditioning system integrated with a heat pump for the production of acclimatization and sanitary warm water, the installation of radiant floor for the heating and the car park’s installation against fire project.