

POLITECNICO DI TORINO
SECOND SCHOOL OF ARCHITECTURE
Master of Science in Architecture
Honors theses

**QUOTATION OF COVERS AND DIAGONALS. Requalification of a block and the
“22@Barcelona project”**

by Fabio Gonella

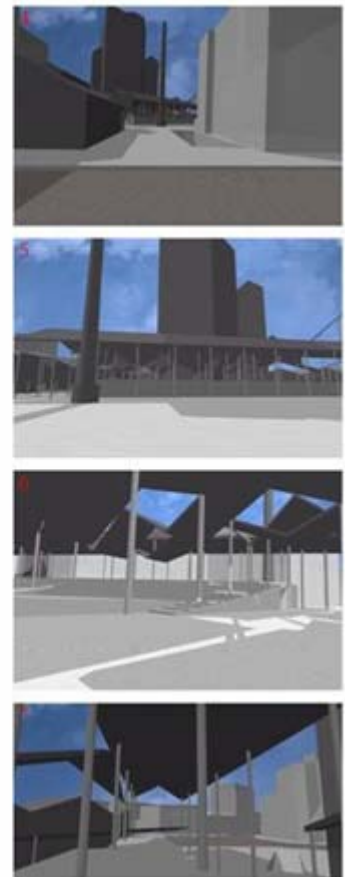
Tutor: Carlo Buffa Di Perrero.

Co-tutor: Elena Rocchi

I dedicated approximately two weeks to visit and to the acquaintance of the city of Barcelona till I decided to get interest in an area that has been living an important transformation process some years by now.

Draft of the zone called Poblenou on which the municipality has decided to take part with the plan 22@Barcelona fruit of the third strategic plan approved in 1999 by the Common having the purpose to transform two thousand hectares of industrial ground, usually demoted, in an innovative and productive district provided to have excelling infrastructures which will offer more than three million square meters of modern spaces for the concentration of activities such as the production of technological assets, the study and the research.

Pianta piano terra e piano rialzato del teatro



According to the old municipal general plan of 1976, this area was classified with the index "22a", thus now the plan of requalification of the district has been called 22@Barcelona.

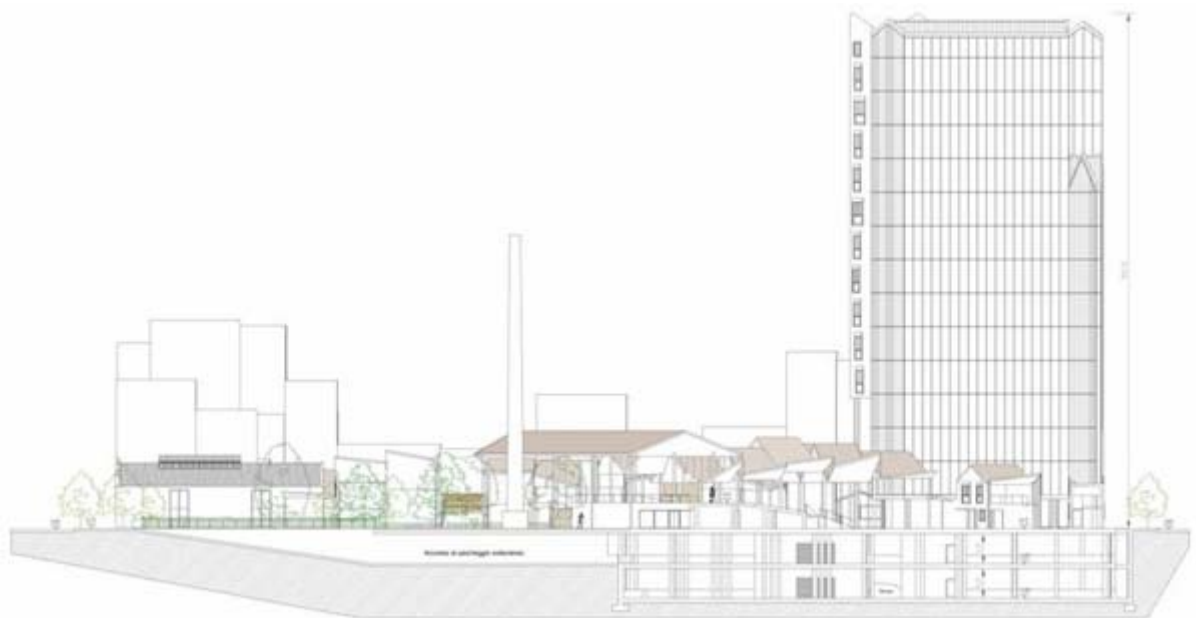
In order to put into effect the plan 22@Barcelona, a modification from the general metropolitan plan has been made.

This characterizes six fields strongly planned for public initiatives in which it will be possible to have both public and private performances.

These areas have the purpose to shape new elements of the city structure and to act like motors in the transformation of the district thanks to the insertion of strategic activities.

I chose to retrain a block comprised in one of the six fields planned by the municipality called Lull Pujades Ponent.

My block comprises to its inside two subsectors representing minimal superficies to treat itself exclusively in a unitary way.



I took care to analyze my block under all the possible points of view :starting from the historical one I realised and took care of bibliographic search and of the archives, at least I considered the pure formal one by the realisation of a plastic made of a single type of material in scale 1:250.

The careful and extended study of the model allowed me to observe some characteristics of the block, frequently founded in many other isolates of the Poblenou, that I thought more important and interesting: they will become my personal main guide lines for the plan.

The topics treated in a deepened way into my thesis are:

- 1) irregular skylines of the facade of the block
- 2) sequences of cover stratum and their composition
- 3) the diagonal like a cut of volumes and passage

This phase lead me to the successive one that can be called the "tests" in which, following what had been observed from the study of the model, I tried to give shape to the plan, substantially trying to realise compositions of volumes.

As soon as I approach the program works, I arrived to define the hypothetical shape of the plan's buildings. It took me much time to get it.

The last phase was the design.



For sure I have followed a planning path that I hadn't never experimented before leading me to an unusual road that I would otherwise not have practiced.

My plan of requalification previews the demolition of part of the block's building, the putting on new and the re-use of an ancient industrial building of the beginning of the XX century, the realisation of new buildings to assign to a nest of enterprises legacy to the activities @, the creation of a public and multifunctional place setting with a public garden into the block, the all equipped one of services including a wide underground parking.

It is scheduled to realised a covered surface of approximately 14000 square meters contained for the greater part in an only building developing in height for giving more breath to the block rendering other spaces free and able to use by the enterprises and the entire community.

All of it has been thought in compliance with the preview plan linked to the areas included in the same block.

For further information, e-mail:

Fabio Gonella: gonegovone@hotmail.com