

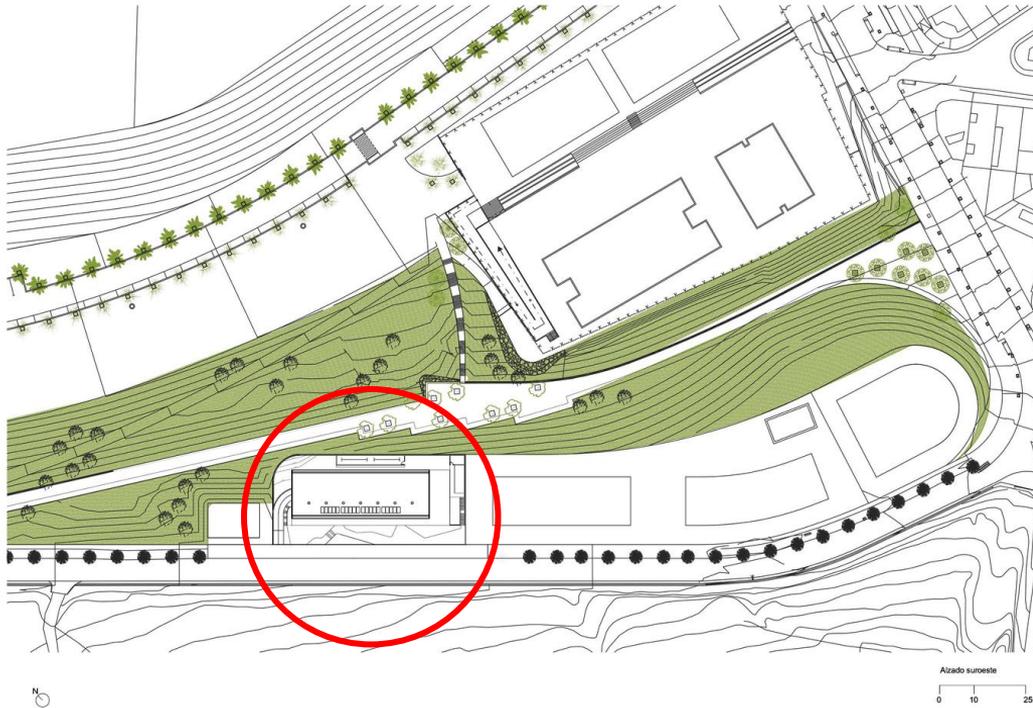
30 Social Housing in Gavà  
PICH-AGUILERA Architects

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# basic informations

- area: 2763m<sup>2</sup>
- project implementation 2009-2013
- multi family building
- 30 homes, 6 per floor, with 2/3 bedrooms
- 6 floors with underground garage

# Location\_Urban Plan



## Location

- Village near Barcelona
- Gava (46.250 inhabitants)
- Forest is close by
- alienated with the street
- parallel to it

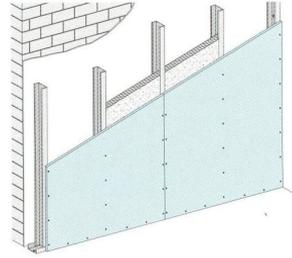
# Surrounding Area



# facades

## lateral facades:

- structural walls of prefabricated concrete
- thermal insulation, plasterboard



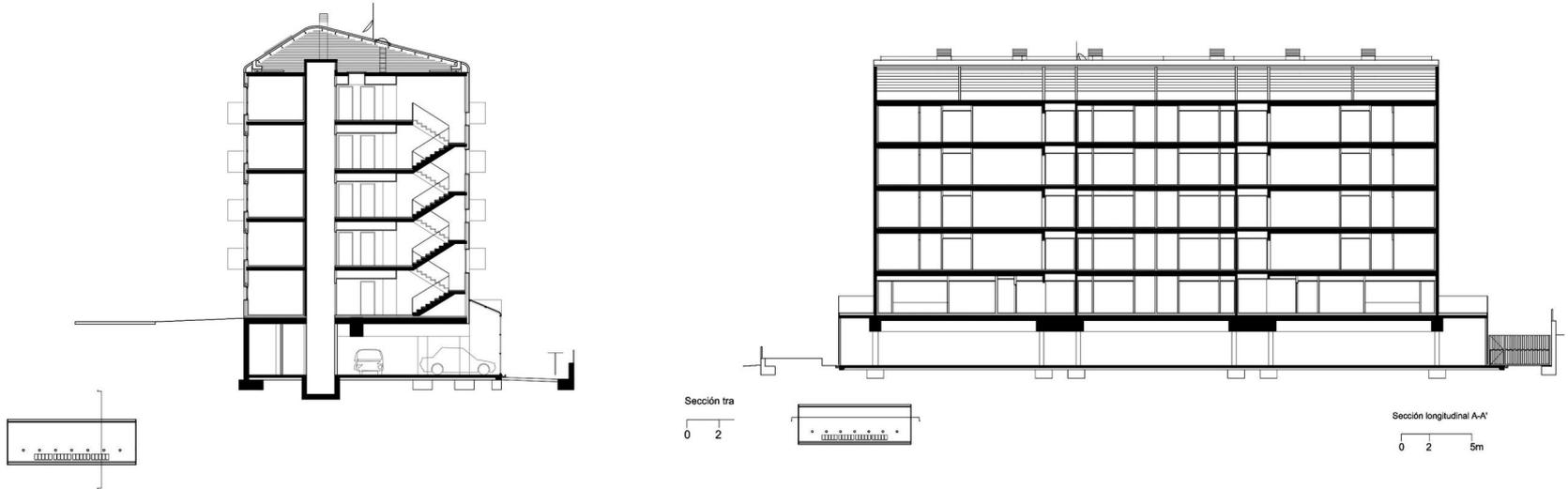
## main facades:

- light industrialized system (galvanized steel trays)
- mineral wool inside the ventilated air chamber
- internally lined with mineral wool and plasterboard
- galvanized-lacquered steel sheet minionda type
- The facade is customized by the spacious balconies



# Section

The structure is made of concrete, based on load-bearing walls, columns and hollow core slabs. A light ventilated facade of corrugated sheet covers the entire building, allowing continuity, a unique texture and weightlessness.



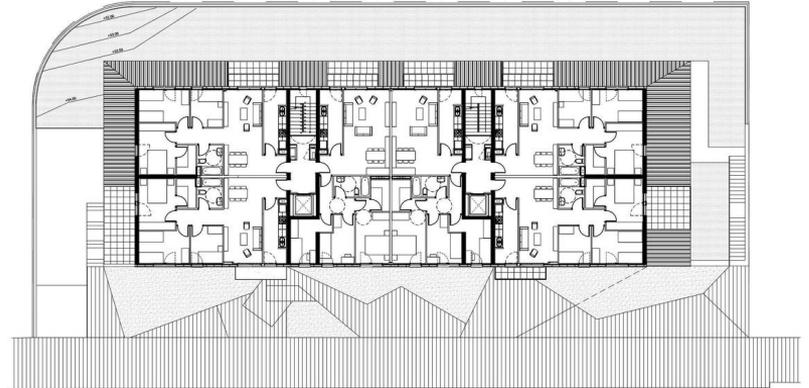
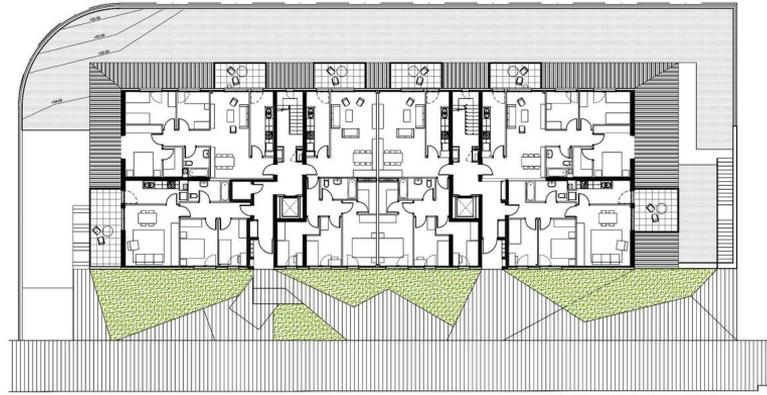
# The Parking Situation

The site has a steep slope that optimizes the parking floor and provides it with ventilation and natural light.

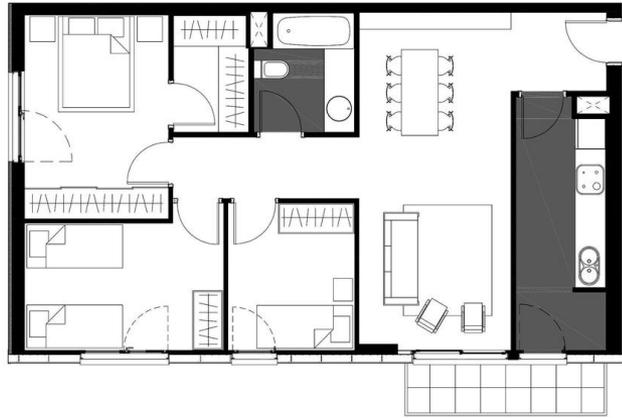


# Floor Plans

At the structural level, maximum flexibility has prevailed: the building has no pillars, so that the houses are distributed in 11x14m pads without structural elements that hinder the redistribution of the spaces.

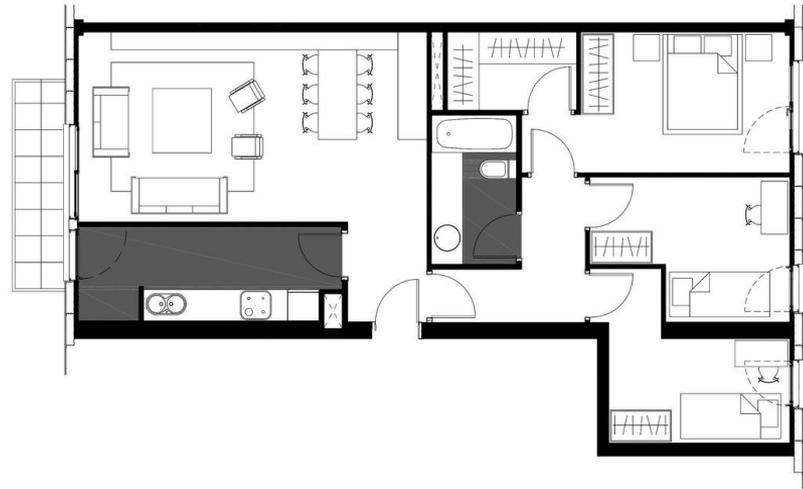


# Typologies of Apartments



Tipologia A

0 0.5 1 2m



Tipologia B

0 0.5 1 2m

# Solar Panels



## Solar Panels

- ensure maximum efficiency
- feed domestic hot water
- give support to heating

This building achieves high standards of comfort and savings through a low economic investment, making compatible the quality and economic ratios of officially protected homes.



# Impressions

