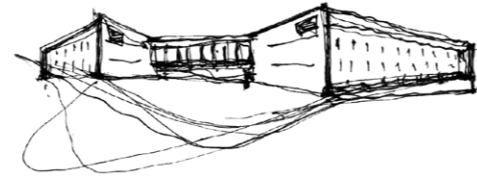


Residential terraced houses in Manresa



Manresa, Spain

Publication's title: Residential row conformation in Manresa, Barcelona
 Typology: Residential, Commercial
 Client: L'Eix Inmobles, S.L.
 Surface: 16.556 m²
 Year: 2006-2009
 Status: Built



REPORT

The area is framed between two new streets to the North and Northwest that come together in a garden space, limited towards the east with existing buildings in which the urban plan anticipates housing starts that will change the aspect that it has today.

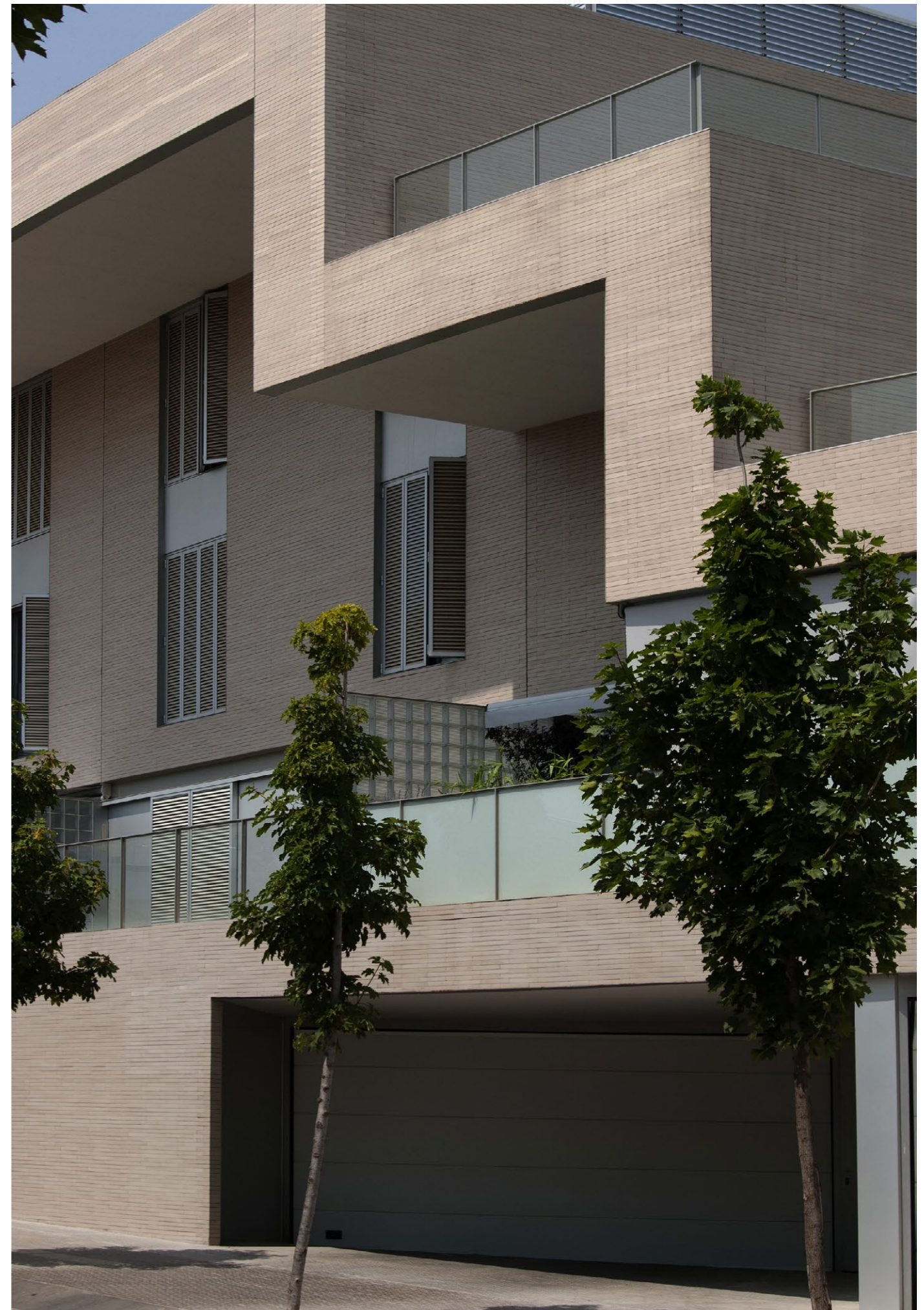
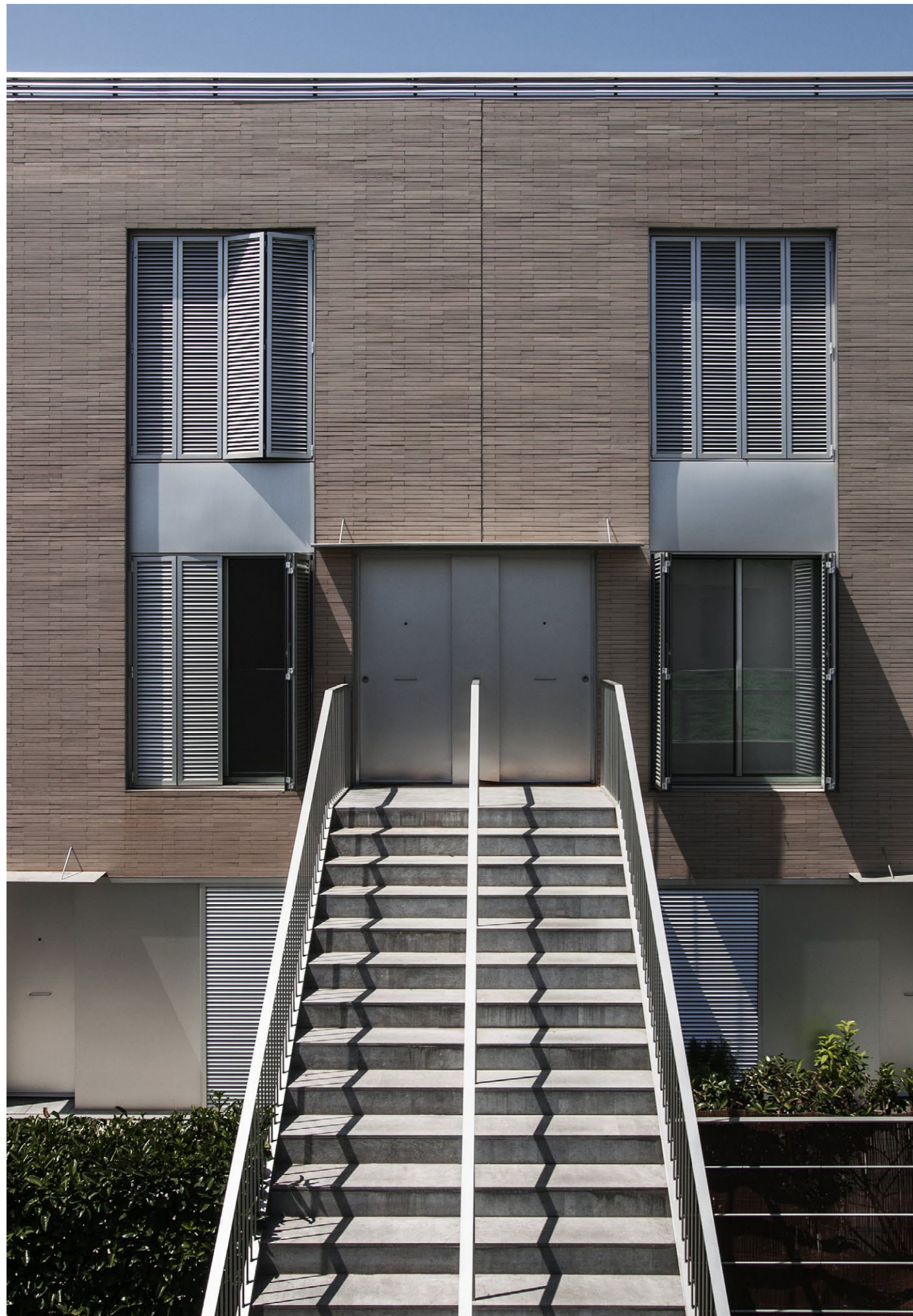
The proposal seeks to formalize the two new alignments by means of two longitudinal housing blocks, generating within the interior of the block a large landscaped courtyard. Under the same space a tertiary use is projected. The courtyard acts as a core access to the housing and establishes itself as a new place for the use and enjoyment of the neighbours.

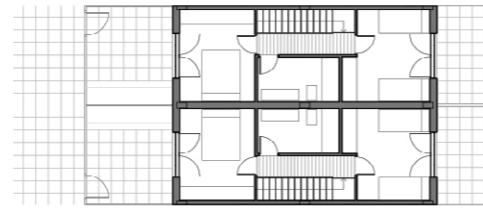
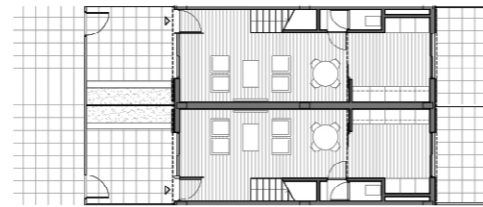
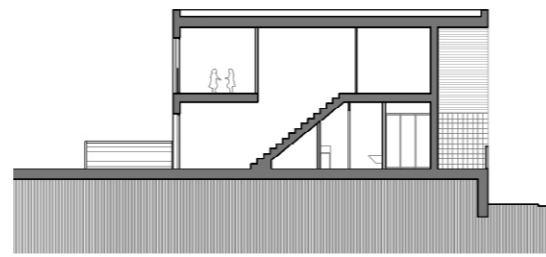
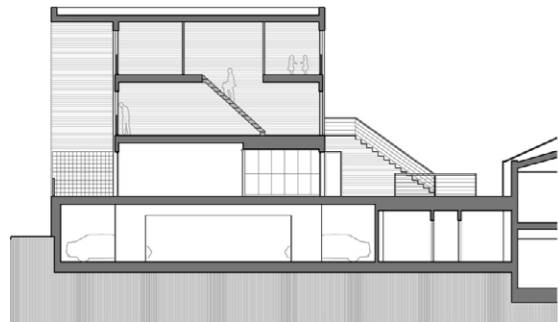
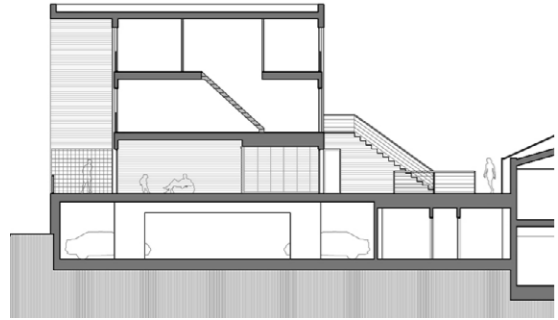
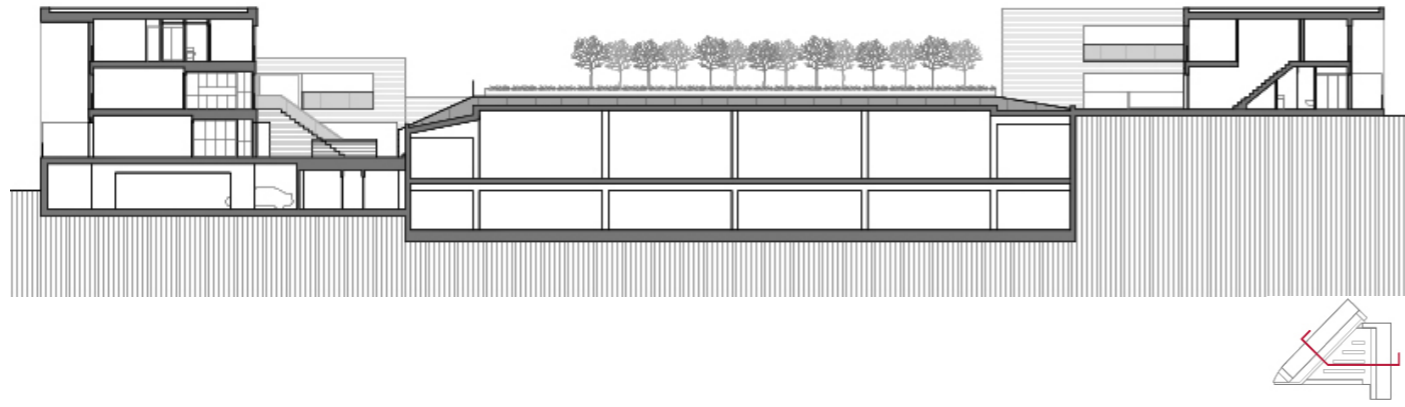
Given the confluence of the roads on which each of the blocks are aligned, special attention has been paid to the confluence of both blocks.

With the awareness that the area of the courtyard is also the roof of the space dedicated to commerce, much thought has been given to the organization of this open space.

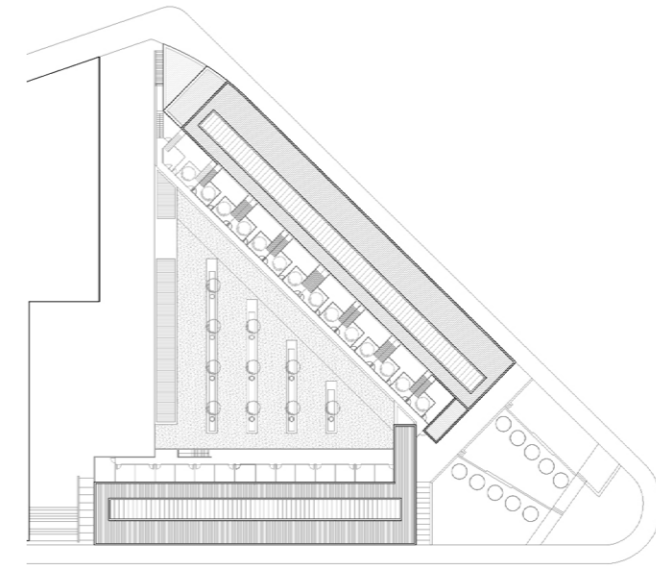




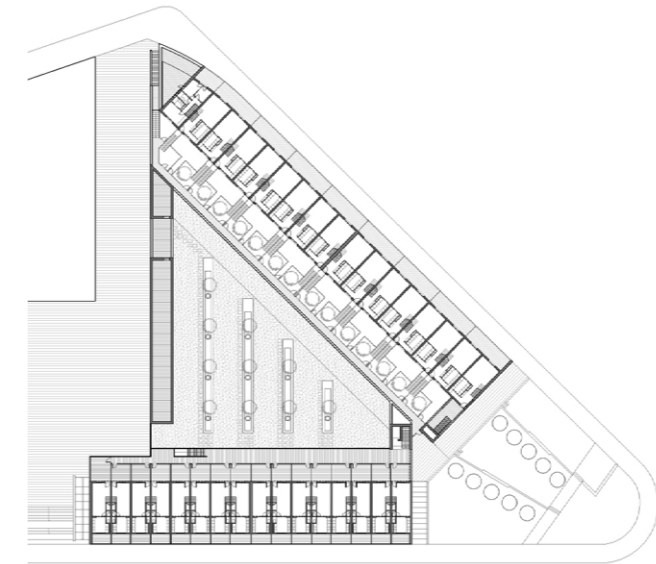




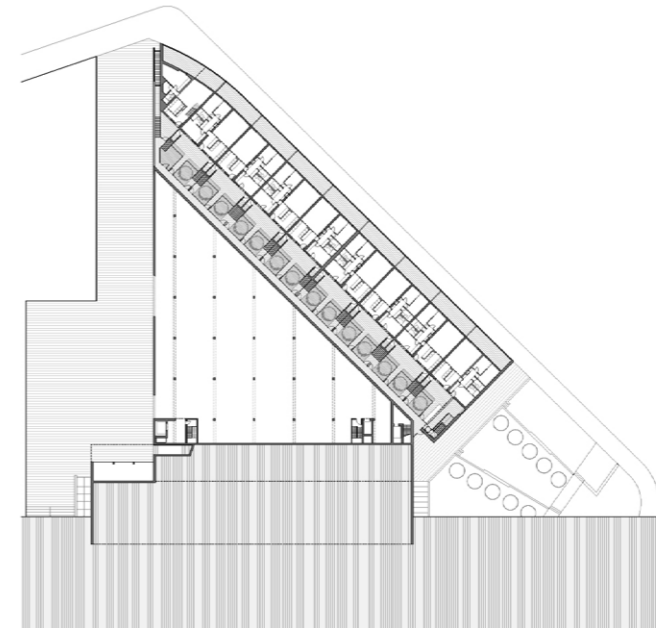
Sections



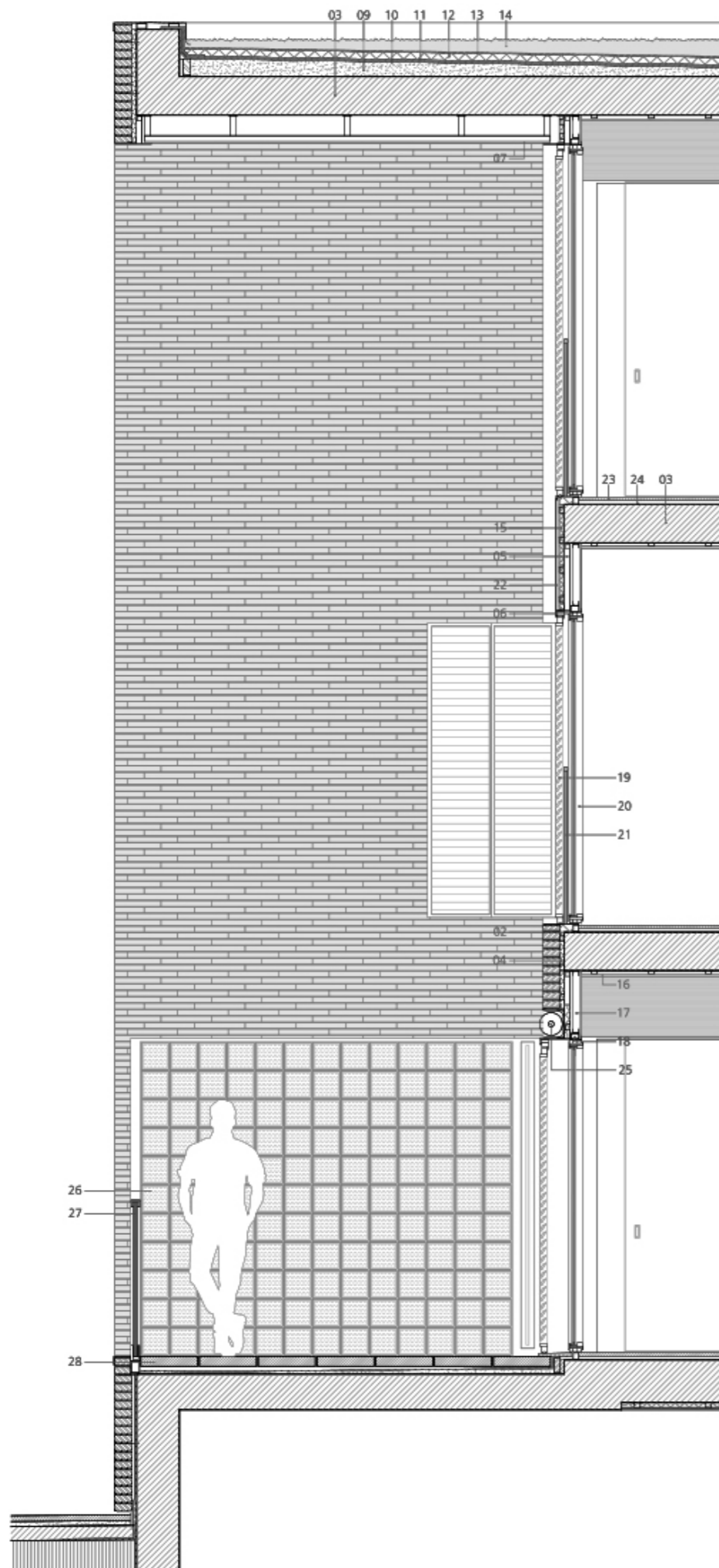
Roof plan



First floor



Ground floor



- 01 Alféizar de aluminio fijado a pretil mediante tubulares de 40x80x4mm
- 02 Fábrica de ladrillo cerámico prensado klinker gris plata claro de malpasa enfoscado en su cara interior con mortero hidrófugo con armadura de refuerzo en sus hiladas finales anclada a estructura con armadura a tendel cada 5 hiladas
- 03 Estructura de hormigón armado e=27cm
- 04 Aislamiento térmico de poliuretano proyectado e=30mm
- 05 Estructura auxiliar metálica para sujeción de dintel formada por perfiles tubulares 60x40x7mm soldada a placa de anclaje en esquina
- 06 Dintel de chapón metálico e=6 mm y angular metálico
- 07 Panel GRC fijado a forjado mediante subestructura metálica formada por tubulares
- 08 Plancha de poliestireno expandido e=4 cm dispuesto en perímetro fijado con ladrillo
- 09 Mortero de formación de pendiente e=80mm
- 10 Capa separadora antiadherente y antipunzonamiento de geotextil
- 11 Doble lámina impermeabilizante de betún e=4mm
- 12 Aislamiento térmico de poliestireno extrusionado e=40mm
- 13 Capa separadora antiadherente y antipunzonamiento de geotextil
- 14 Capa de grava de canto rodado 20/40mm e=5cm
- 15 Aislamiento térmico de poliuretano proyectado e=3cm sobre chapa grecada de acero galvanizado e=0.6mm
- 16 Placa de yeso laminado e=15mm sujeta mediante perfiles omega de acero galvanizado atornillados a forjado
- 17 Montante estructura autoportante tabiquería perfil 'c' de chapa de acero galvanizado cada 400mm y placa de yeso laminado 15mm con borde cuadrado y atornillada a montante vertical
- 18 Perfil tubular 40x80x4mm para premarco de carpintería
- 19 Persiana gradpanel 80 de Gradhermetic de lamas fijas
- 20 Carpintería abatible de vidrio sistema unicity de techal con acristalamiento e=4+4/12/10mm
- 21 Barandilla de vidrio
- 22 Plancha de alucobond e=3mm con subestructura metálica de perfiles omega verticales atornillada a chapa grecada
- 23 Tarima flotante madera roble e=2.2cm
- 24 Mortero autonivelante e=2.5cm
- 25 Toldo alojado en dintel forrado con lámina de alucobond
- 26 Muro de pavés de 2.2m de alto con cerco metálico e=65mm en los laterales verticales y 25mm en el horizontal
- 27 Barandilla de vidrio con cerco perimetral metálico e=65mm anclada a suelo y a muro de pavés cada 9.9m
- 28 Losa vulcano de Breinco 60x40x7cm sobre grava



Structural Section

CyO
Cruz y Ortiz
Arquitectos

TECHNICAL DATA OF THE PROJECT

Residential row conformation in Manresa. Barcelona, Spain

MAIN DATA

Client:	L'Eix Inmobles, S.L.
Address:	Carrer de la Concòrdia s/n esq. Carrer de Ramon d'Iglesies s/n. 08242, Manresa, Barcelona
Type:	Residential, Commercial
Status:	Built

DATAS

Competition:	-
Design of project:	2006
Construction:	2007-2009
Implementation:	2009

SURFACES

Site:	6.932 m ²
Main building:	10.000 m ²
Other buildings:	Commercial 6.556 m ²
TOTAL:	16.556 m ²

PROJECT TEAM

Main Architect:	Cruz y Ortiz Arquitectos
Collaborators:	Blanca Sánchez, Óscar García de la Cámara, Marta Gómez, Daniel Pérez
Local Architect:	ADSITE, Alex Quintin
Interior design:	-
Lighting design:	Grupo JG Ingenieros Consultores
Landscape architect:	Local 4
Restoration architect:	-
Digital imaging:	Estudio Rosa Lázaro
Model:	-
Photography:	Manuel Renau
Structural engineering:	Bis architectes
Climate engineer:	Grupo JG Ingenieros Consultores
Building physics advisor:	-
Fire safety specialist:	-
Health and Safety:	-
Urban planning:	-
Survey:	Cruz y Ortiz Arquitectos
Site control:	ADSITE – Alex Quintin
Contractors:	-

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