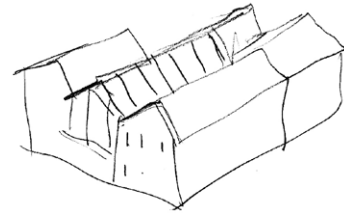


Conversion Industrial hall in loft apartments  
in Sabadell



Barcelona Spain



Publication's title: Residential block on Tres Creus  
Street in Sabadell, Barcelona  
Typology: Housing, Rehabilitation, Landscape, Interior Design  
Client: Taliesin 1 Inmobiliaria  
Surface: 6.212 m<sup>2</sup>  
Year: 2005-2007  
Status: Built

REPORT

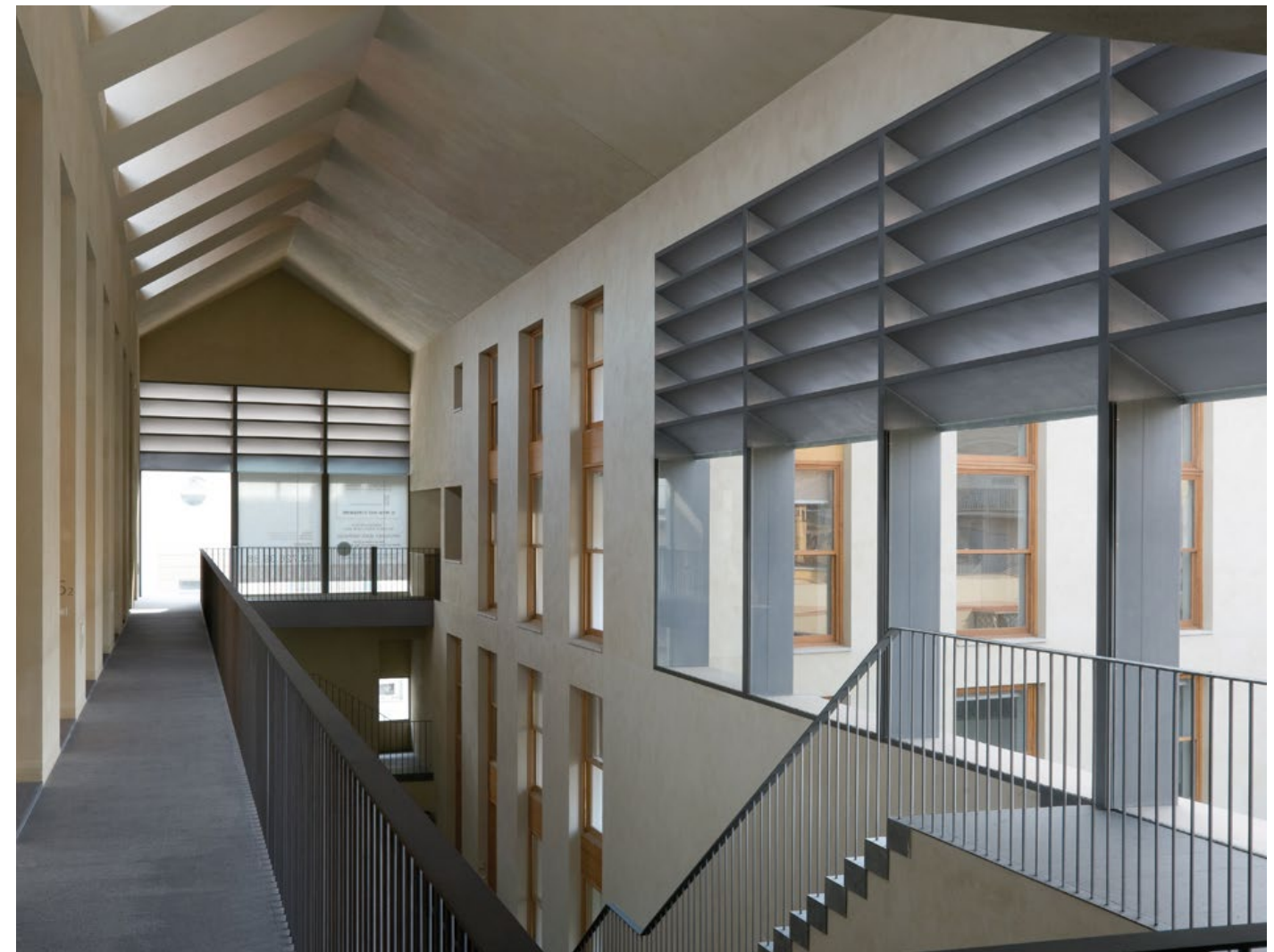
The intervention involved the rehabilitation of a small industrial building and its expansion with the construction of a new volume, all designed for residential use.

The former Planell factory was built in the early nineteenth century, and is situated on the corner of Turull and Riego. It was our intention to maintain and preserve the existing building and, as well, to transfer its character to the construction of the new volume that completes the building. Faced with dual tasks -restore the industrial building and construct new residential construction- it was decided to improve all of it, combining the new with the old in a strong and confident way.

The common access to the group is through a covered open space and adjacent to the existing industrial building. It forms a courtyard or atrium access that provides the backbone of the common space. The vertical and horizontal communications are concentrated in this space. Once in the interior of the block, a new patio garden for the use of the residents appears. This sequence of spaces contributes to the sense of discovery or surprise that the building reserves for the visitor.

All the homes of the project are developed on two floors, with double orientation, since the facades open to both the exterior and interior free spaces. In general, the housing contains one room of double height overlooked by the remaining rooms. The kitchens are integrated into the living room.

Materials similar to those used in the construction of the existing building have been used -ceramics, lime plaster, woodwork- thus ensuring a consistent and unified image.







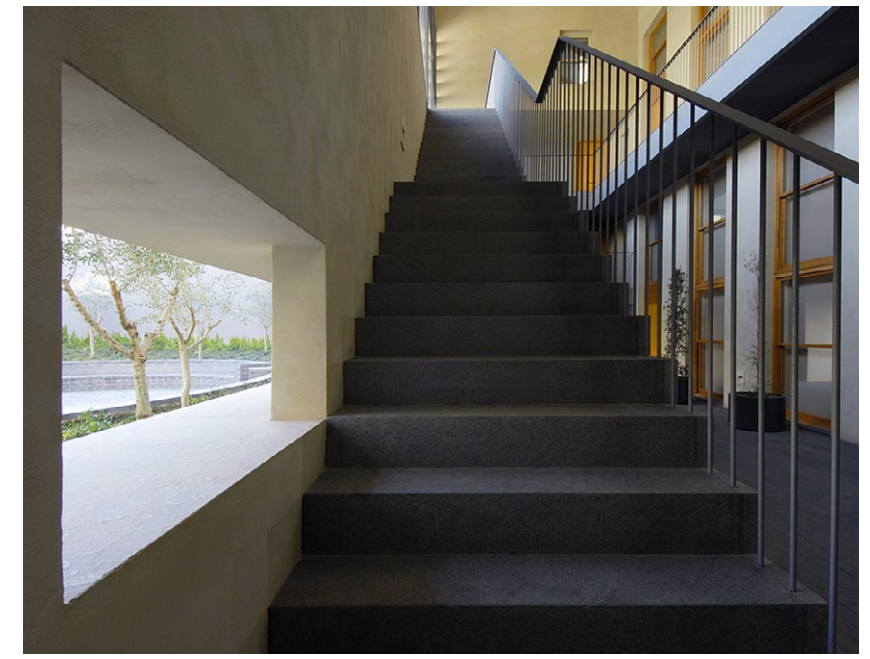
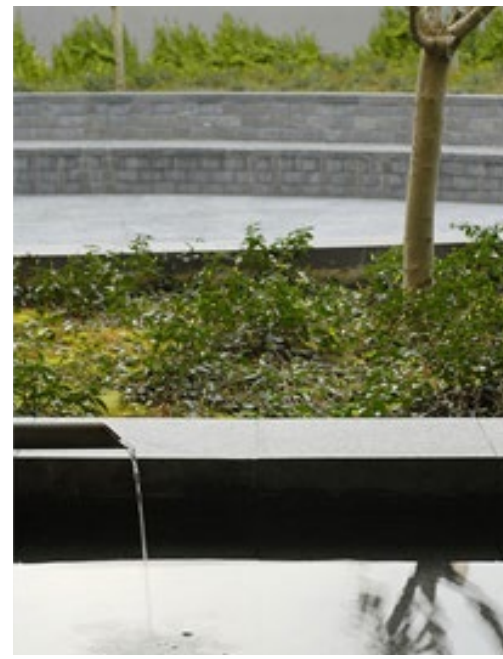






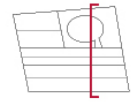
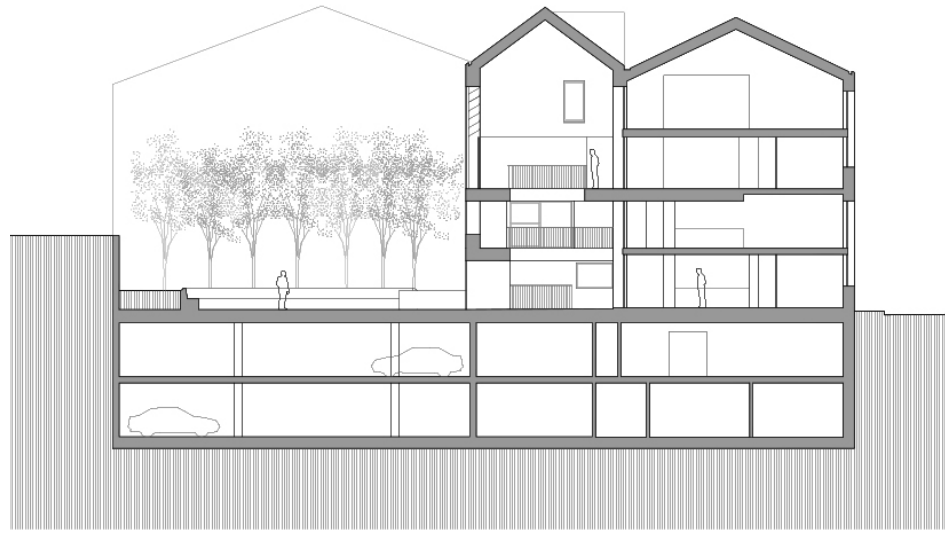




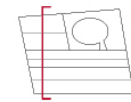
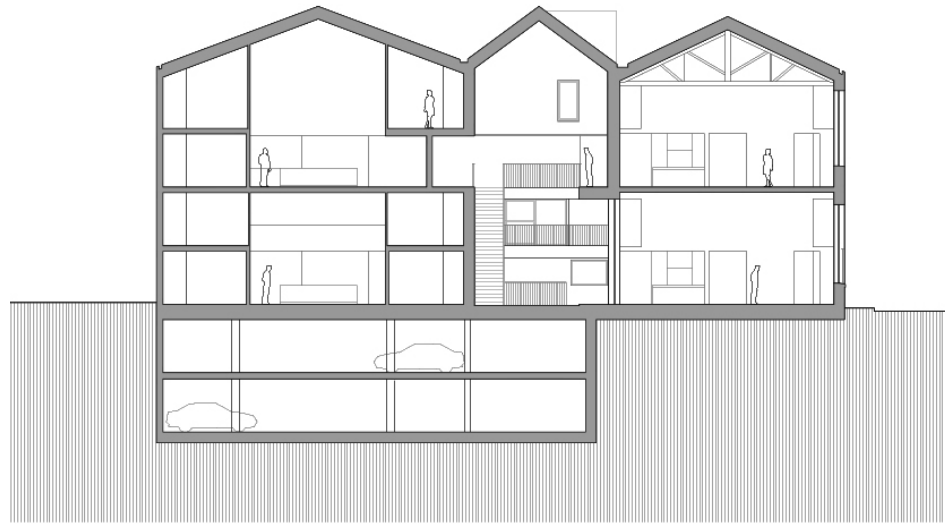
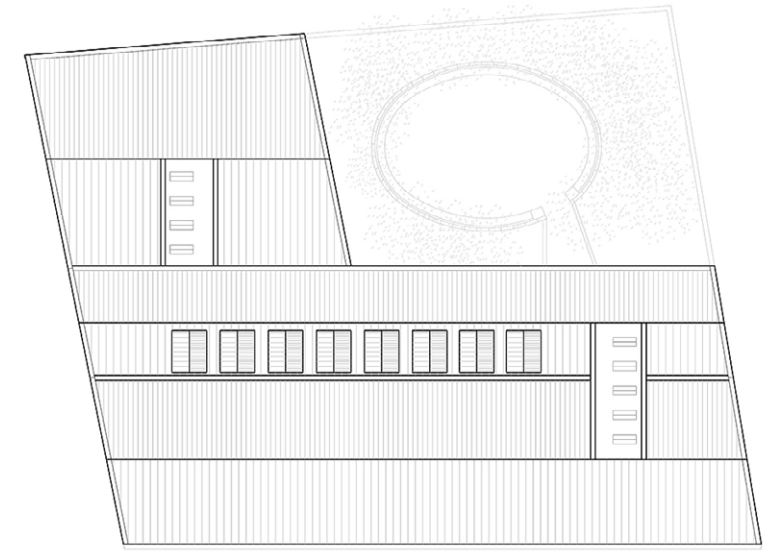




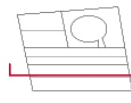
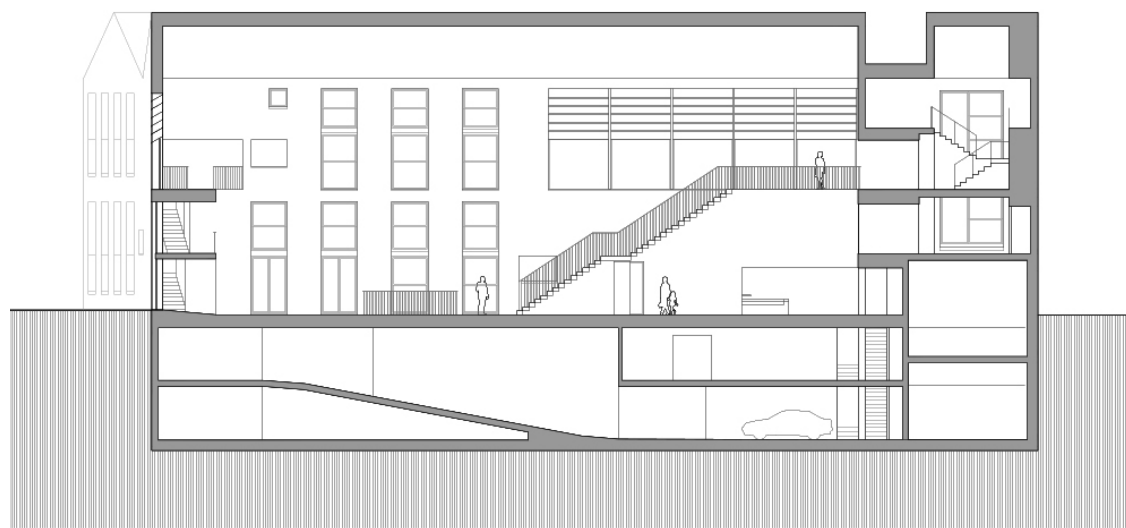
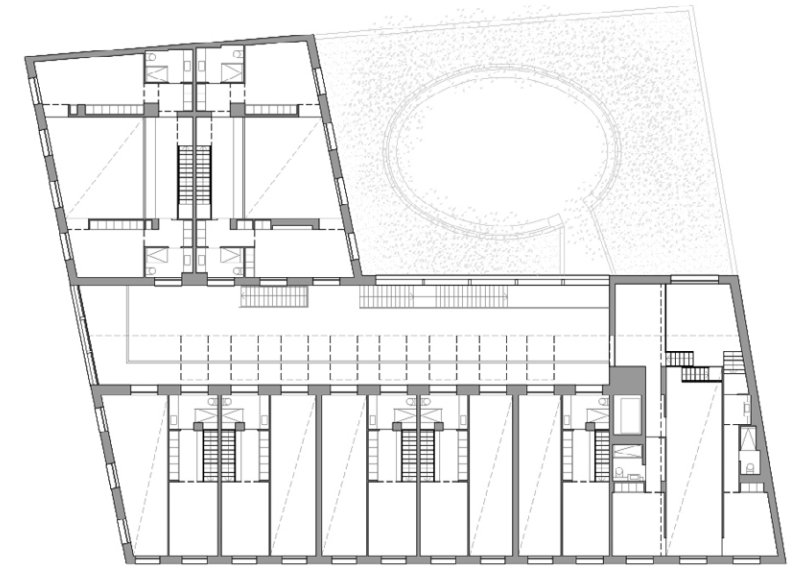




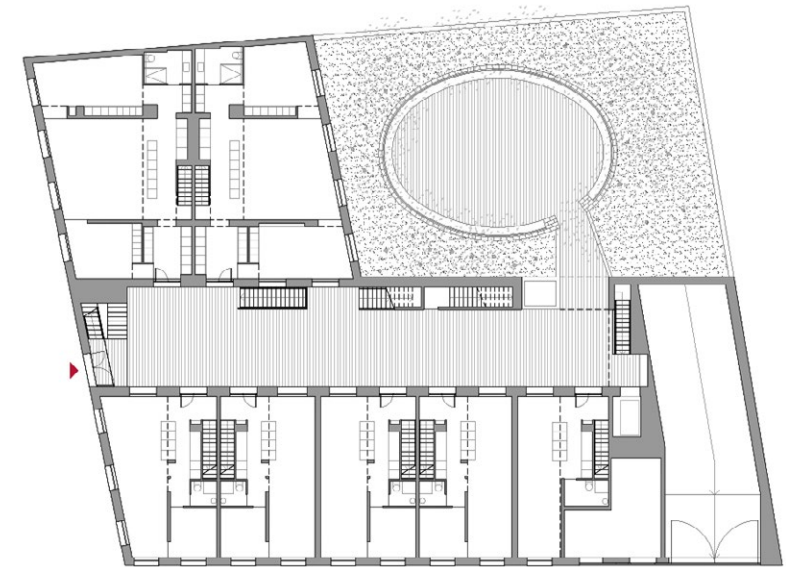
Roof



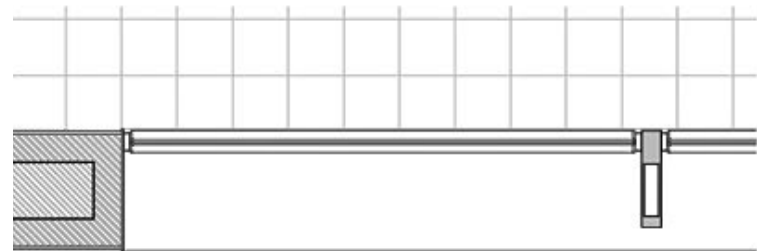
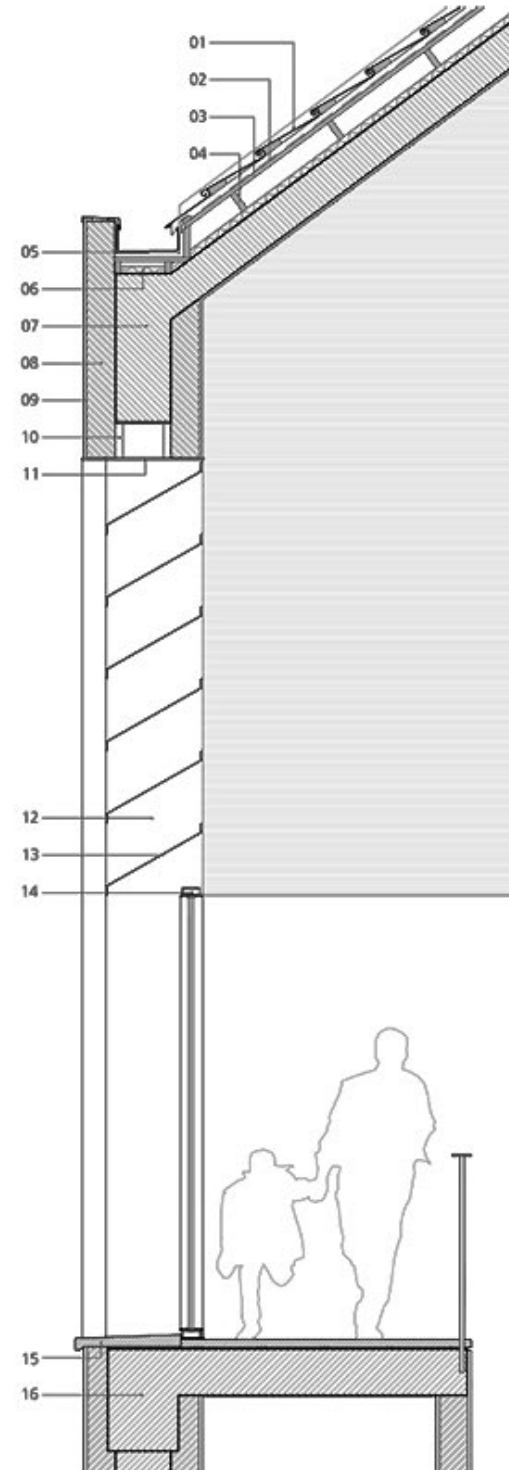
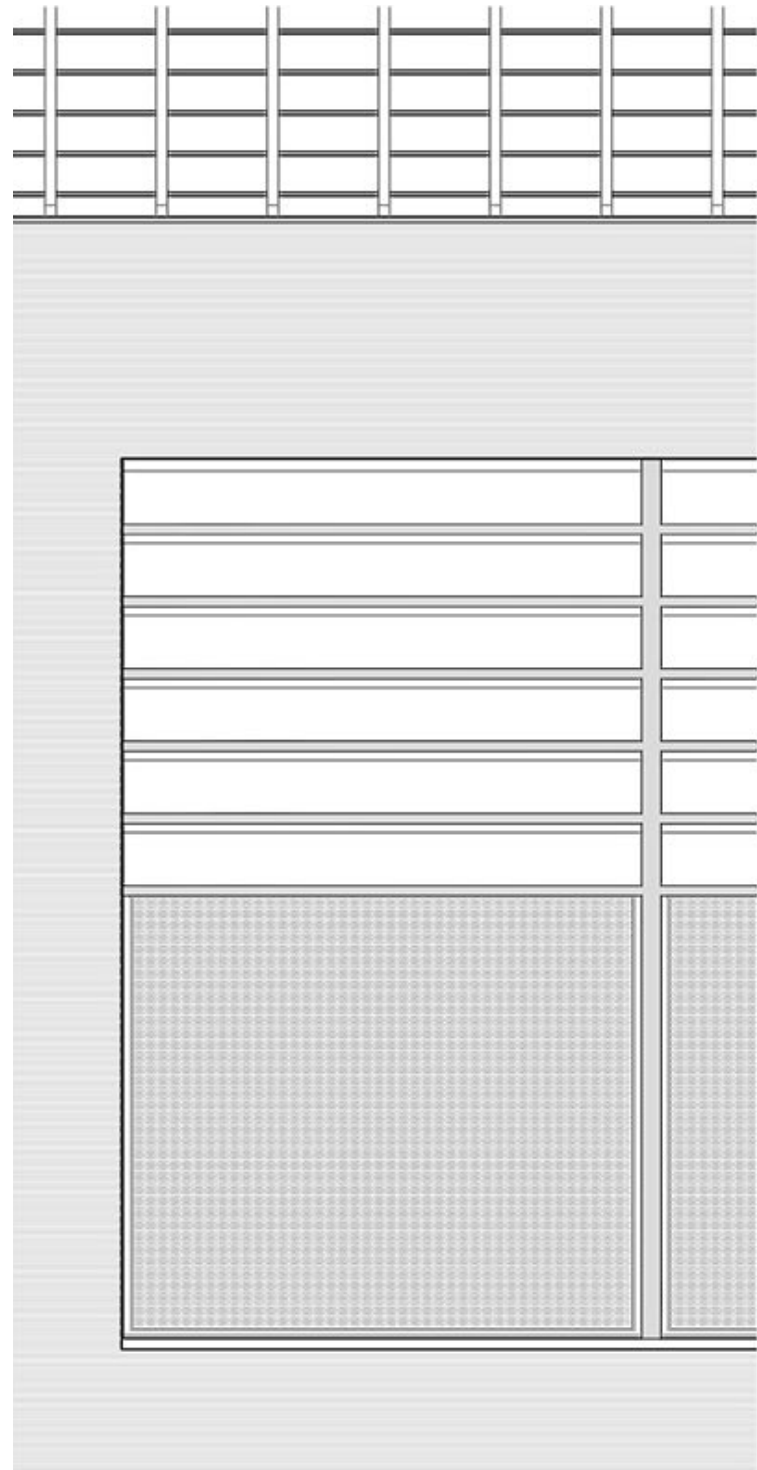
Third floor



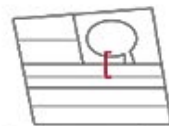
Ground floor







- 01 Bandeja de zinc natural sistema 'quick step' de rheinzink
- 02 Lámina impermeabilizante
- 03 Tablero de madera
- 04 Rastrel vertical
- 05 Canalón cuadrado especial con palomillas y tablón
- 06 Aislamiento proyectado de poliuretano
- 07 Losa de hormigón e=20cm
- 08 Fábrica de ladrillo de medio pie de espesor
- 09 Mortero de cal ASOCAL B con imprimación de pintura priolite con disolvente
- 10 PNL 40x4mm
- 11 Chapón de acero galvanizado e=10mm
- 12 Pilar metálico 300x100x80
- 13 Lama de chapa de acero e=4mm
- 14 Premarco 100x40x5
- 15 Alféizar de piedra natural
- 16 Viga de canto de hormigón 380x550



Structural Section

**Residential block on Tres Creus Street in Sabadell. Barcelona, Spain**

**MAIN DATA**

Client: Taliesin 1 Inmobiliaria  
 Address: Riego Str. 93, corner with Turull Str. 37, Sabadell, Barcelona, Spain  
 Type: Housing, Rehabilitation, Landscape, Interior Design  
 Status: Built

**DATAS**

Competition: -  
 Design of project: 2005  
 Construction: 2005-2007  
 Implementation: 2007

**SURFACES**

Site: 1.383 m<sup>2</sup>  
 Main building: 5.632 m<sup>2</sup>  
 Other buildings: 580 m<sup>2</sup>  
 TOTAL: 6.212 m<sup>2</sup>

**PROJECT TEAM**

Main Architect: Cruz y Ortiz Arquitectos  
 Collaborators: Blanca Sánchez, Alex Quintín, Ivan Saldarreaga, Marta Romero

Local Architect: ADSITE  
 Interior design: -  
 Lighting design: Grupo JG Ingenieros Consultores  
 Landscape architect: Local 4  
 Restoration architect: -  
 Digital imaging: -  
 Model: Cruz y Ortiz Arquitectos  
 Photography: Duccio Malagamba  
 Structural engineering: Static Ingeniería S.A.  
 Climate engineer: Grupo JG Ingenieros Consultores  
 Building physics advisor: -  
 Fire safety specialist: -  
 Health and Safety: -  
 Urban planning: -  
 Survey: Cruz y Ortiz Arquitectos  
 Site control: Enrique Moreno Ramos  
 Contractors: Construcciones Jardí 2002, S.L