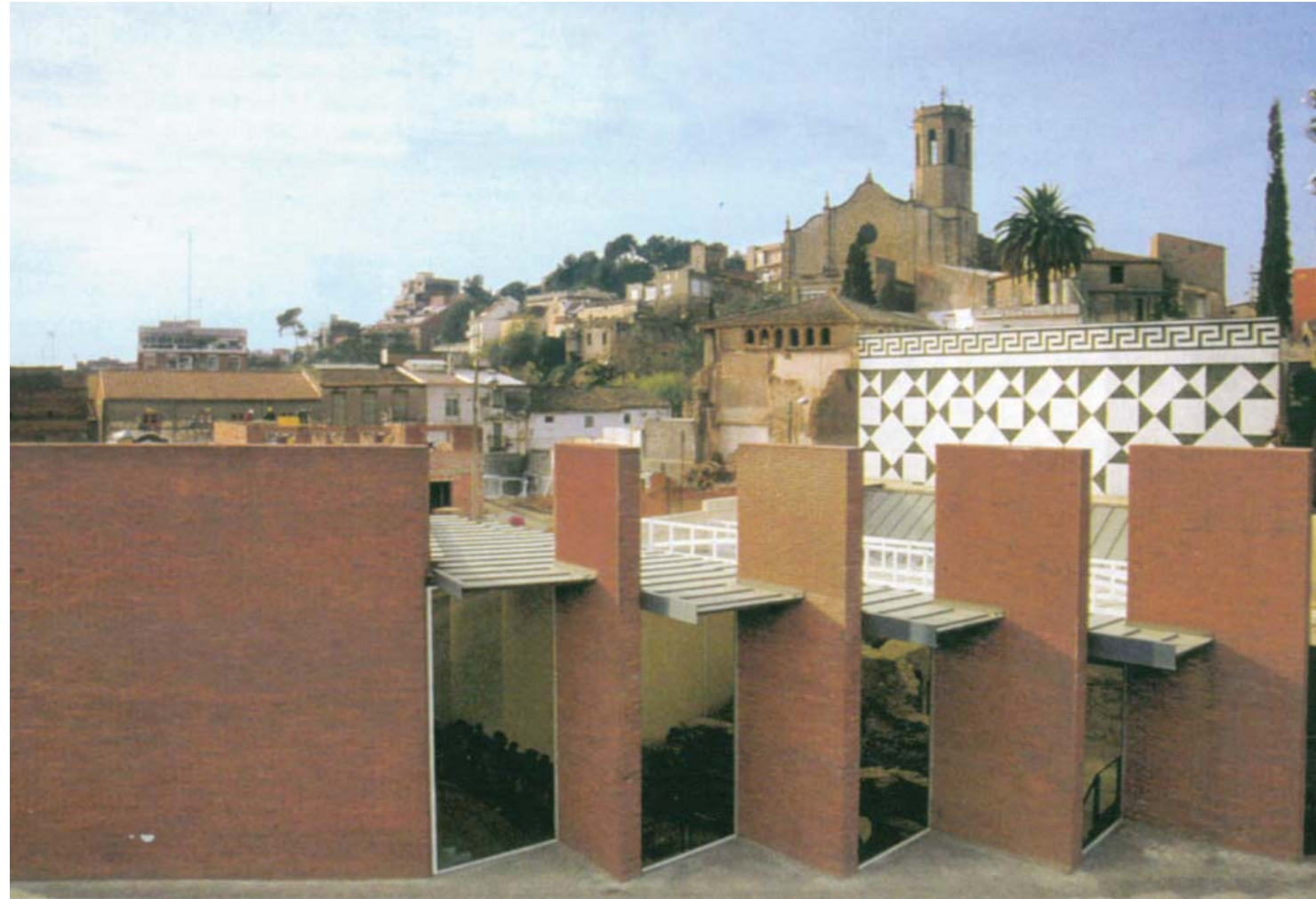


BUILT PEDAGOGY

MUSEUM OF THE ROMAN BATHS, SANT BOI DE LLOBREGAT 1998



The Museum of the Romans Baths illustrates our experience in creating state of the art learning and research environments. It consists of a structure designed to enclose the remains of an ancient Roman Village.

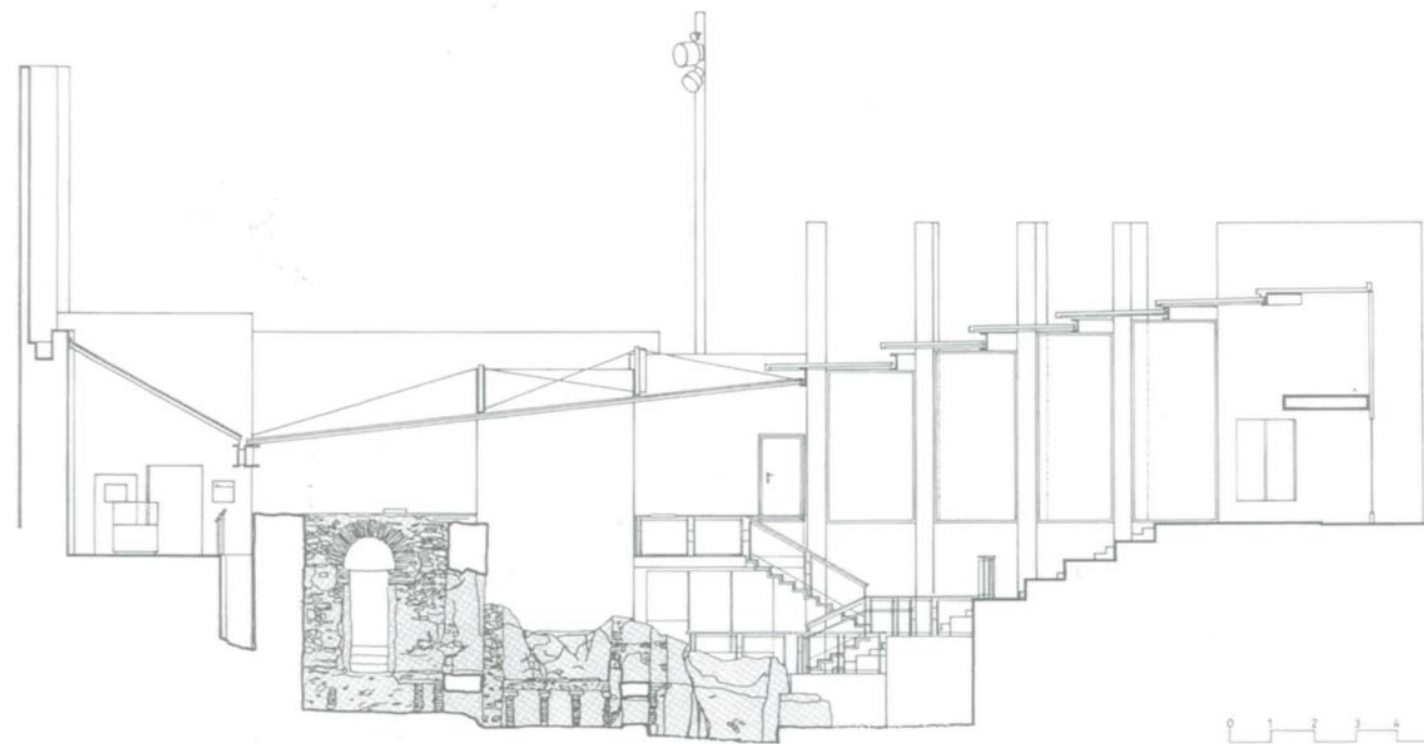
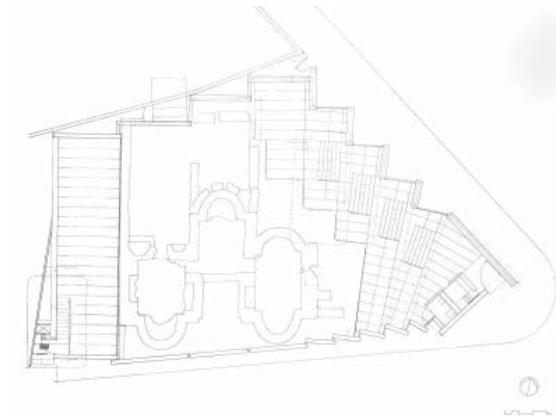
The design of the structure recreates the climatic and lighting conditions of ancient Roman baths allowing ongoing archaeological research and the protection and display of the ruins to the public.

Advanced construction and structural techniques were used. The roof is continuous and transparent, built of polycarbonate and suspended by a white steel framework.

The surrounding spaces including the entrance foyer, main reception desk and stepped viewing platforms are covered by a series of opaque plates of cooper. These echo the movement around the roman ruins and mediate between the regularity of the site and the abrupt topography.

The building integrates with the surrounding landscape and urban fabric through peripheral vertical walls which blur the levels of the surrounding streets and create a special environment for viewing the ruins.

A partition wall displays the reconstruction of Roman flooring tiles at a scale that announces the building to its surroundings.



THE ACADEMIC ENVIRONMENT

MUSEUM OF MUSIC, BARCELONA 2004
UNIVERSITY OF MUSIC OF CATALUNYA, BARCELONA 2004



The Music University of Catalonia and the Museum of Music demonstrates our experience in designing inspiring, functional and flexible learning spaces.

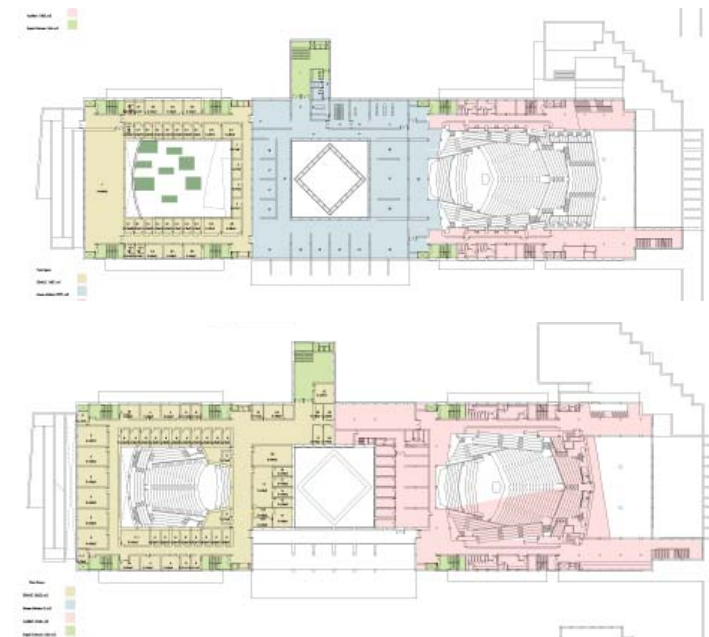
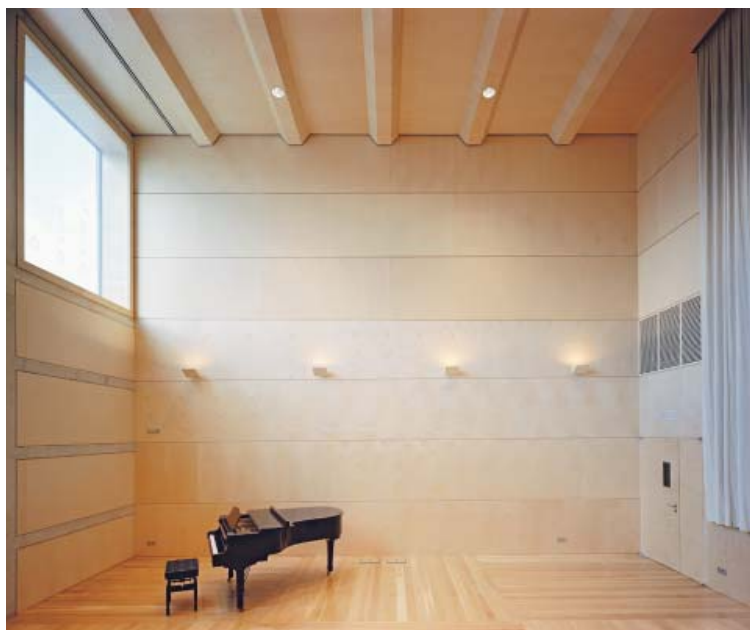
The co-location of both institutions in one complex presented the advantage of maximising the usability of the spaces and the challenge of addressing distinct functions and technical requirements.

Our design response draws inspiration from music itself. Like the variations in music, the design proposes variations of spaces and ambiances. There are intimate spaces for work and concentration where acoustics must be perfect. Other rooms are devoted to collective workshops, these are spaces filled with natural light. Meeting areas where students and teachers can interact without disturbing the quiet spaces are also provided.

It is envisaged that this music complex will evolve into a self sufficient 'music city' as it provides spaces for a variety of musical types and complimentary activities. It includes music studios, a specialised music library, practice rooms, labs for electrical acoustics, a 700 auditorium with complementary backstage rooms, listening rooms (including symphonic, chamber and polyvalent) a school for advanced musical studies, storage rooms for instruments and the Museum of Music.

The program is organised in four levels around a grand patio (internal courtyard). Independent entries to the school and the museum are provided from the Plaza de las Artes (The Arts Plaza). The entrance to the school is at the ground level where the studios, classrooms for collective instruments and administrative offices are located. The first level contains seminar rooms, instruments classrooms, teachers and department offices and the library. The library has an alternative entrance from a side street (Rivas Street) to allow its operation independently from the school. From the second level there is access to a courtyard-garden-auditorium for outdoor concerts on sunny days and summer nights and breakout space for students on a daily basis.

A grand stair directs patrons from the Plaza de las Artes to the Museum which is located in the first level around the central courtyard. The Museum has spaces for permanent and temporary exhibitions and meeting rooms. Finally the workshops for restoration and photography, archives and storage are located in the basement level.



THE DESIGN STUDIO

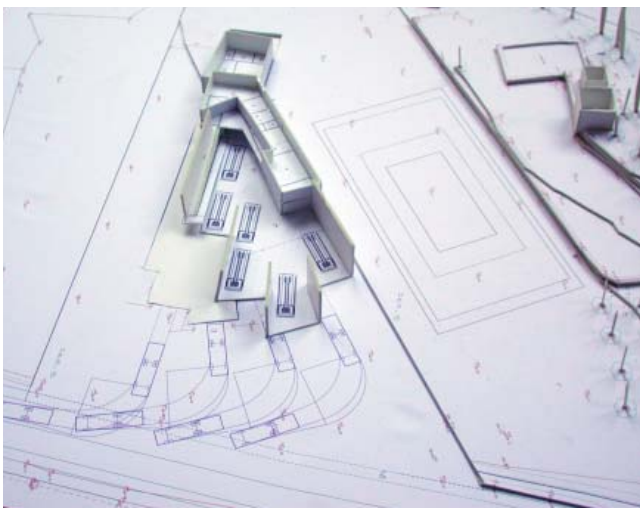
FIRE STATION, MONTBLANC 2005



Upper floor: gymnasium



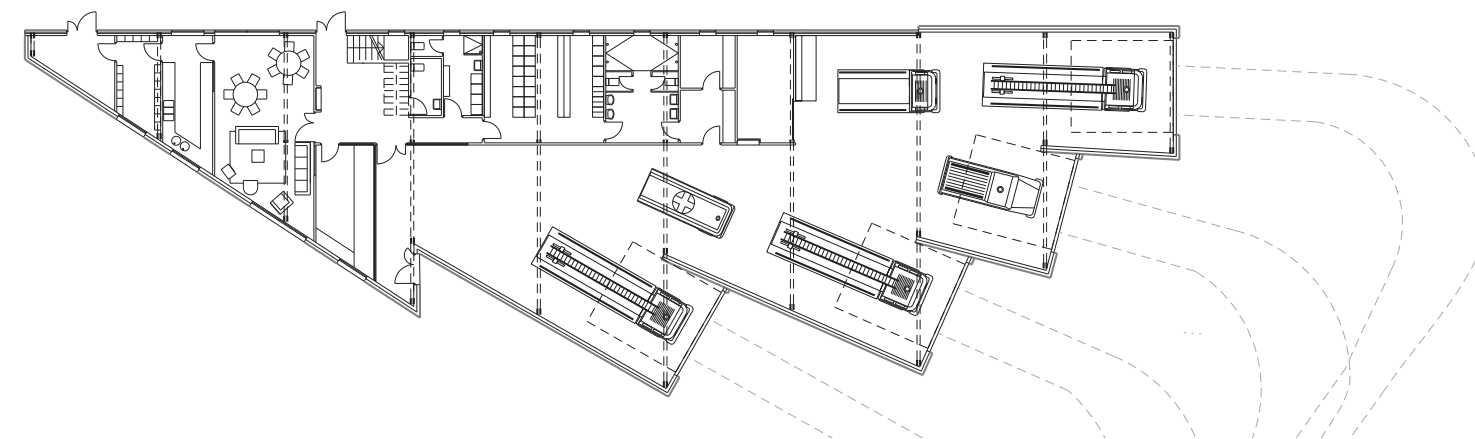
Original environment: industrial vs. agricultural landscape



New building integrated in the landscape



The central hall



This fire station provides an excellent example of a collaborative working and learning space. The building is located in a rural setting and provides training facilities for professional members of the fire brigade. The training program focuses on the manoeuvring of fire trucks and technological and engineering techniques for emergency situations and preventive strategies.

The building is organised around a central space where technical and practical sessions take place. Classrooms, living areas, the kitchen and bedrooms are located on the first level.

The spatial and volumetric solution is defined by the movement requirements of the machinery within the building and reference the dynamic nature of the program. The dynamism of the building is reinforced by the resolution of the facade with the access doors for the fire trucks.

The silhouette of the building echoes the mountains in the background.



THE LIVING BUILDING

The Urrutia Tower in Barcelona is a demonstration of how Design and Environment can be combined to provide an exceptional living building.

The building houses offices of the Autonomous University of Barcelona and 100 small apartments (40sqm) and shared facilities.

The building meets the criteria of the sustainable building program of the Catalanian Government (Act 157/2002). A number of ESD strategies were used: The building orientation allowed two flat urban masonry facades with high windows emphasising the vertical plane of its tectonic geometry with the two streets.

The random distribution of the windows on the masonry facades and the continuous opening from floor to ceiling underlines the tower's permeability. The other two sides of the tower, also of masonry on the lower floors, are broken in height and progressively opens themselves to the exterior space of the new landscape. It is here where the most industrialised materials such as polycarbonate, aluminium and glass reflects the plants life of the environment.

In addition of this outstanding design, the homes receive a minimum of one hour of direct sunlight between 10.00 and 14.00 at the winter solstice. All the windows have roll-up aluminium blinds for protection against sunlight, which allows the users to control, adjust and monitor the environment they live in.

These principles, according which the tower has been designed, are the same principles which will guide the design of the new building of the Faculty.

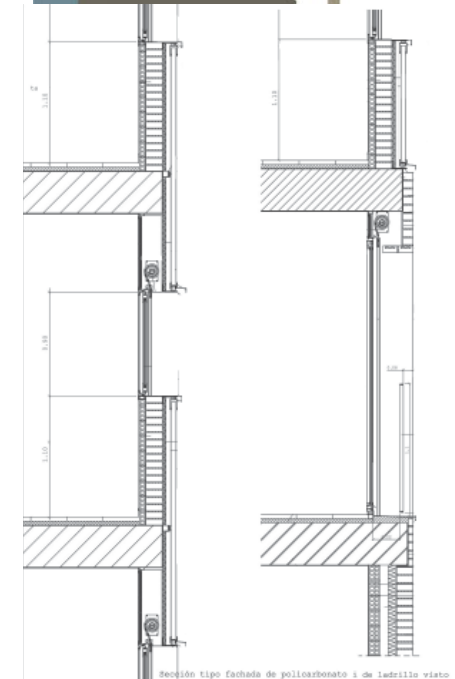
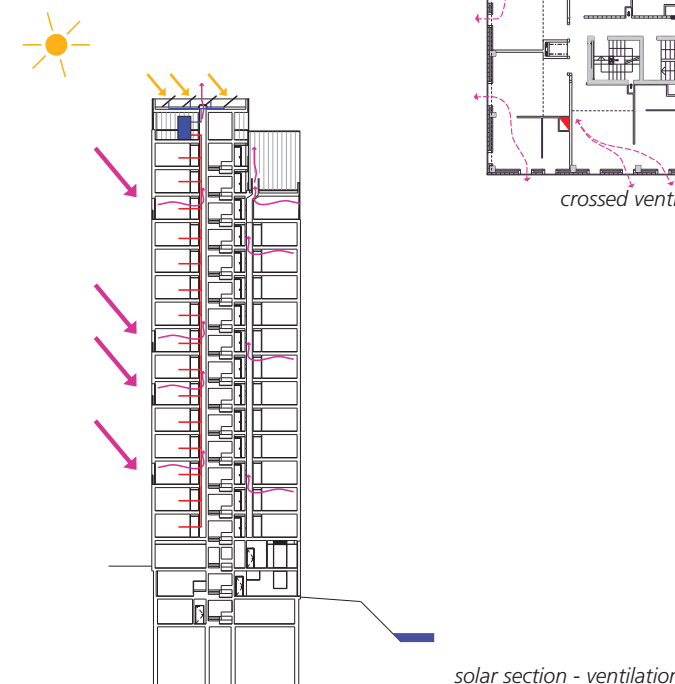
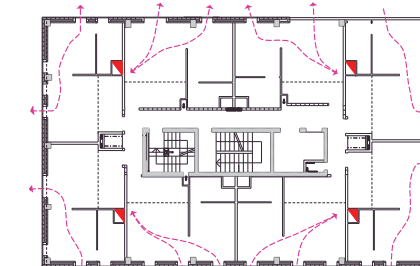
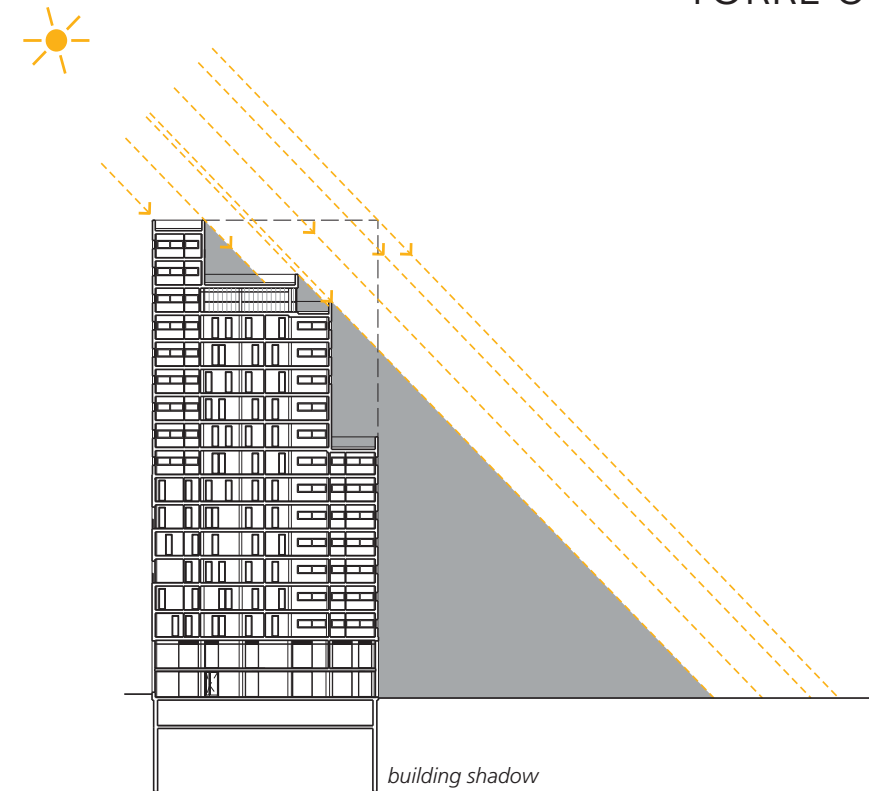
Situated next to Parc Central Nou Barris, this tower hosts the headquarters of the Autonomous University of Barcelona, as well as 100 dwellings for the students and parking areas for bicycles and motorbikes.

The different areas of the tower are organized vertically, showing minimum of facade towards the Parc Central thus offering views and routes for the pedestrians along the Passeig d'Urrutia. The ground floor on the level of Via Urrutia features a large triple-height room which house the University Institute, and the hall leading to the dwelling is on the same level as the garden. The communal areas, located above on the two intermediate floors, consist of a semi-transparent covered place facing an open-air terrasse, thus communicating with the surrounding landscape. The top floor houses the hot water system powered by solar panels installed on inaccessible roofs.

The tower loses mass as it rises, terraces itself and shifts its material, making a transition from heavy to light and from brick wall to metal and fibreglass.



TORRE URRUTIA. BARCELONA 2004



CAPABILITY & PROCESS

THE DESIGN TEAM

Arriola and Fiol Architects and Graeme Gunn Architects have teamed resources to offer a highly experienced, innovative and client sensitive approach to this significant and highly challenging project.

A&F and GGA will commit to the aspirational objectives of the brief and feel confident that the application of their mutual design skills and comprehension of the educational programmes and the needs of those involved. A&F and GGA will, if given the opportunity, produce an integrated built and landscaped environment worthy of the University's Faculty's requirements.

ARRIOLA AND FIOL ARCHITECTS www.arriolafiol.com

Arriola and Fiol Architects was established in 1982 by Andreu Arriola and Carmen Fiol. We have over 25 years experience in architectural, urban design, and landscape architectural projects.

Arriola and Fiol lead the Urban Design Department of the City of Barcelona from 1981- 1988. In this capacity, we designed some of the most memorable contemporary public spaces in Barcelona. These included small and sensitive restorations and excavations in areas of unique historic significance and large scale projects requiring substantial infrastructure redevelopment and architectural and landscape interventions.

Arriola and Fiol have participated in the transformation of brown field sites in Barcelona, New York, and New England. The office is experienced in managing multi-disciplinary project teams and has successfully delivered projects which involve collaborations with a wide range of consultants. This includes collaborations with Joan Miró, Beverly Pepper and Arup. The office has extensive experience in working with communities and public agencies through all phases of a project including conceptualization, planning, design, documentation, construction and environmental reviews. We have developed a broad array of approaches to involve stakeholders and present information to facilitate the understanding of a project's opportunities and constraints.

Examples of work include:

2005 - Garn Via de les Corts Catalanes

Client: Ajuntament (Council) of Barcelona

Area: 250.000 m2

Cost: 16.500.000 EUR

1992 - The Glories Plaza (Plaça de Les Glòries), Barcelona

Client: Ajuntament (Council) of Barcelona

Area: 25.000.000 m2

Cost: 30,000.000 EUR

1989 - Museum of Music, Barcelona

Client: Ajuntament (Council) of Barcelona

Area: 3,197m2

Cost: 7,000 EUR

Client References

Project :Parc Central de Nou Barris, Plaça Virrey Amat

Contact :

Marie Curie, 20

PRONOBARRIS, S.A.

08042 Barcelona.

Ph. 93 291 48 38

aberengueres@bcn.cat

<http://www.pronoubarris.cat>

Gran Via de les Corts Catalanes

BIMSA.

Barcelona d'Infraestructures Municipals

Angel Sanchez

Ernest Santolaria

Veneçuela, 105, 1º

08019 Barcelona.

Ph. 93 303 41 70

info@bimsa.cat

<http://www.bimsa.es>

GRAEME GUNN ARCHITECTS www.graemegunn.com.au

Graeme Gunn Architects has had a long and successful association with architectural related projects in both Australia and Melbourne in particular. Graeme Gunn's role as Dean of the Faculty of the Built Environment at RMIT University during the 1970's involved a redirection of the faculties educational programme, in collaboration with both students and staff including administration personnel, toward an inclusive approach to dealing with mans intervention with the built and natural environment. Innovative programmes, whilst not always successful were based on the concept of a community orientated faculty requiring the mutual respect of students, teachers and supporting staff.

Graeme Gunn's role would be both a member of the production team and coordination of consultants services and client contact and communication.

Qualifications and Experience:

Registered Architect in the State of Victoria

Fellow of the Royal Australian Institute of Architects

Honorary Doctorate of Architecture, RMIT University 1996

Head School of Architecture and Building at RMIT, 1972-1978

Foundation Dean of the Faculty of Architecture and Building at RMIT, 1978-1982

Professional Affiliations

Fellow Royal Australian Institute of Architects

Past Council member of the RAIA (Victorian Chapter)

Past Chairman of the Public Services Committee, RAIA (Victorian Chapter)

Past Vice-President, RAIA (Victorian Chapter, Chairman Education Committee)

Past Member, Melbourne and Metropolitan Board of Works Residential Planning Standards Committee

Past Member, Victorian Cluster Housing Committee (to introduce Cluster Title Act in Victoria)

Current member of the Victorian Chapter Council, AIA

Sophie Dyring graduated from RMIT with first class honors in 2001. She was awarded the Association of Women in Architecture Award in 2001 by the AIA for an outstanding female graduate. She has worked as a design and project architect for local and international practices on a wide range of institutional, residential and commercial projects. She became a registered architect with the ARBV in 2006.

Sophie joined the team at Graeme Gunn Architects at the beginning of this year as a design and project architect. Prior to this she spent time with Lab architecture studio where she was project architect for the refurbishment of ACMI at Federation Square. She also headed up a team to design two luxury apartment buildings in Beirut and Abu Dhabi.

She spent two and half years working with Paul Morgan Architects acting as team leader on the documentation for his own home which won the Robyn Boyd Award for Residential Architecture in 2007. Other significant project architect roles during her time with PMA were on the RMIT, SIAL Sonological Lab, and the partial refurbishment of Walter Burley Griffins, Newman College administering building contracts under AS.4000 and AS.2124.

Client References

Project :Kings Cove Housing Estate, Metung & Infill Residential Projects, Melbourne

Contact : Mr. Tim Biles

Ph. 0418 34 93 06

Projects: Various (over 30 years)

Contact: David Yencken

Ph: 03 9696 7223



MERIT

ARRIOLA AND FIOL ARCHITECTS www.arriolafiol.com

Recent international awards and national competitions

- 1999, 1989, 1987 and 1986 FAD Awards
- 1996 -Expo 2000, Hannover, Germany
- 1994 – Architèct Award;
- XXX – Belem Cultural Centre, Lisbon
- 1990 - Harvard University Prince of Wales Prize
- 1982-83 - Parc de la Villette competition Paris. 1st prize ex-aequo award.



GRAEME GUNN ARCHITECTS www.graemegunn.com.au

2007 25 Year Award for Outstanding Architecture – Plumbers and Gas fitters

2001 Presidents Award for Lifetime Contribution to Victorian Architecture

The Royal Australian Institute of Architects (Victorian Chapter) Bronze Medal:
1966 Richardson House
1969 Town House Kew

Victorian Architecture Medal:
1980 Ararat Arts Activity Centre

Citations:
1970 Plumbers and Gasfitters building
1971 Royal South Yarra Lawn Tennis Club
1975 Winter Park Cluster Housing
1976 Chelsworth Park Pavillion
1976 AMWSU Headquarters

The Royal Australian Institute of Architects Merit Awards for Outstanding Architecture:
1982 Prahran Municipal Market
1983 Portland Aerodrome Terminal Building
1984 Melbourne City Baths
1988 RACV Club refurbishments
1988 Bridge Hotel Mordialloc

