

Built pedagogy

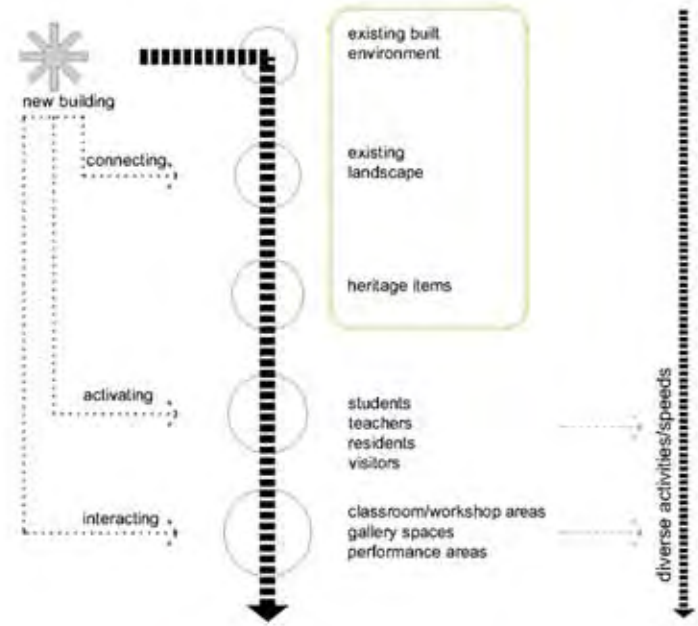
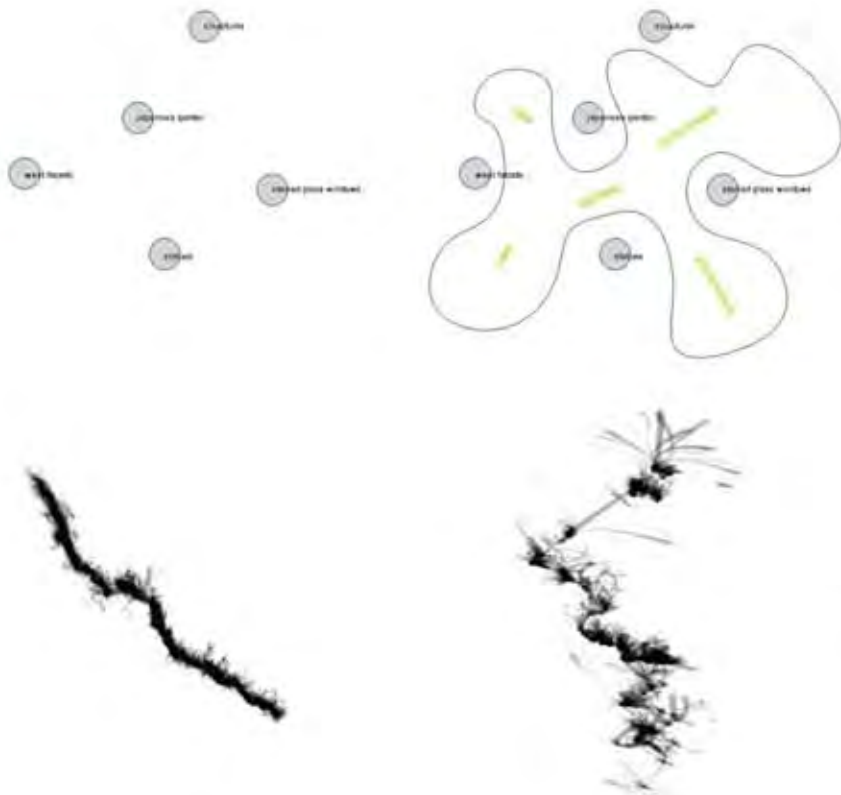
The hybrid nature of the School of Architecture evokes an architecture of cross-programming and spatial interleaving. The architectural concept begins with a pliable ribbon that partitions the program in two: education-production spaces to one side and presentation spaces to the other. With each change of direction alternately enfolds a production or presentation space, thus combining together the major program divisions and populations of the building (students, teachers, residents and visitors) as well as their diverse activities and speeds. The building is designed as a system of controlled landscapes.

Accepting the rapid obsolescence of new technologies, the building is conceived as a supple and spontaneous organism that can accommodate architectural, artistic, and technological unpredictability. The building is composed of two plies separated by an interstitial zone. A smooth concrete ply lines the exhibition levels while a ply of resin-coated, cast fibreglass panels lines the production/education levels.

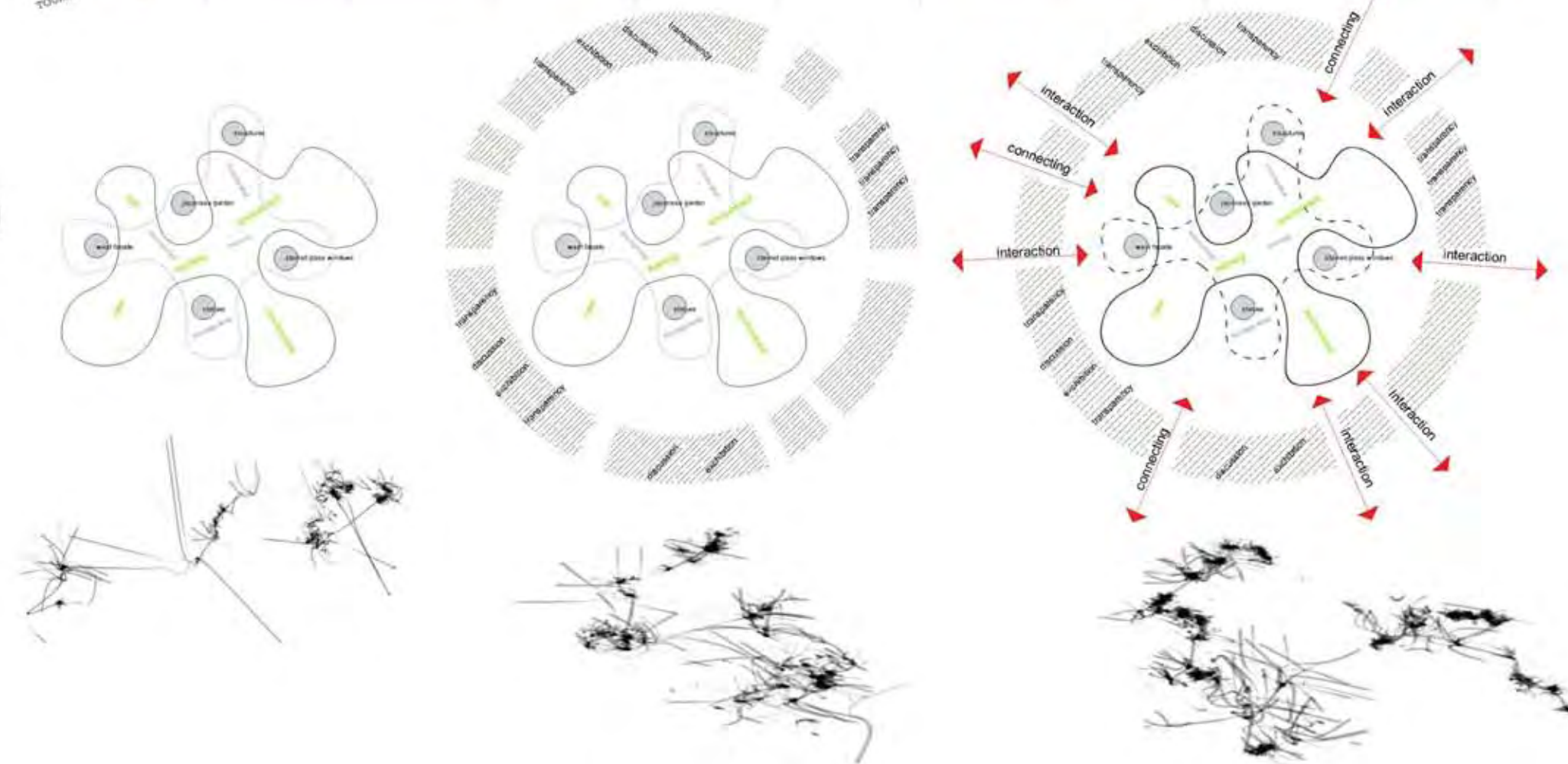
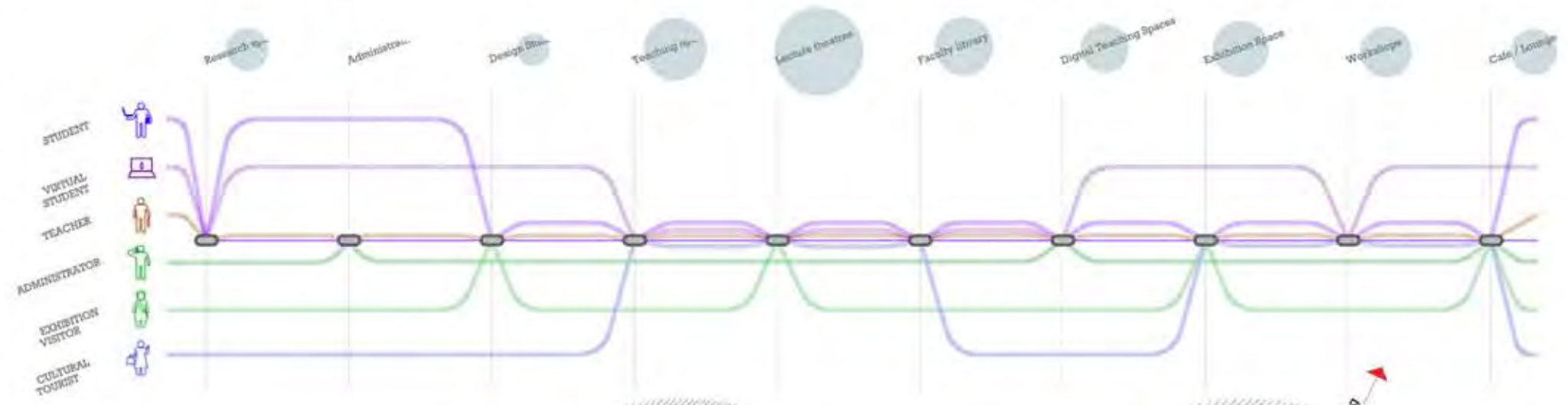
Aside from the structural and mechanical systems, the interstitial zone houses the building's nervous system.

The design and structure of project has produced a stack of flexible, column-free loft like gallery spaces together classroom-workshop areas. The communication and exhibition circuit follows a contiguous foot path from the lobby to galleries, rooms and performance areas of diverse sizes, heights, and qualities. As future architecture school cannot be known nor specific environmental requirements predicted, the performance spaces (classroom and similar spaces), the new building are designed to meet the demands of contemporary architecture-capable of supporting physically and spatially demanding pieces such as large installation works.

PROGRAMME



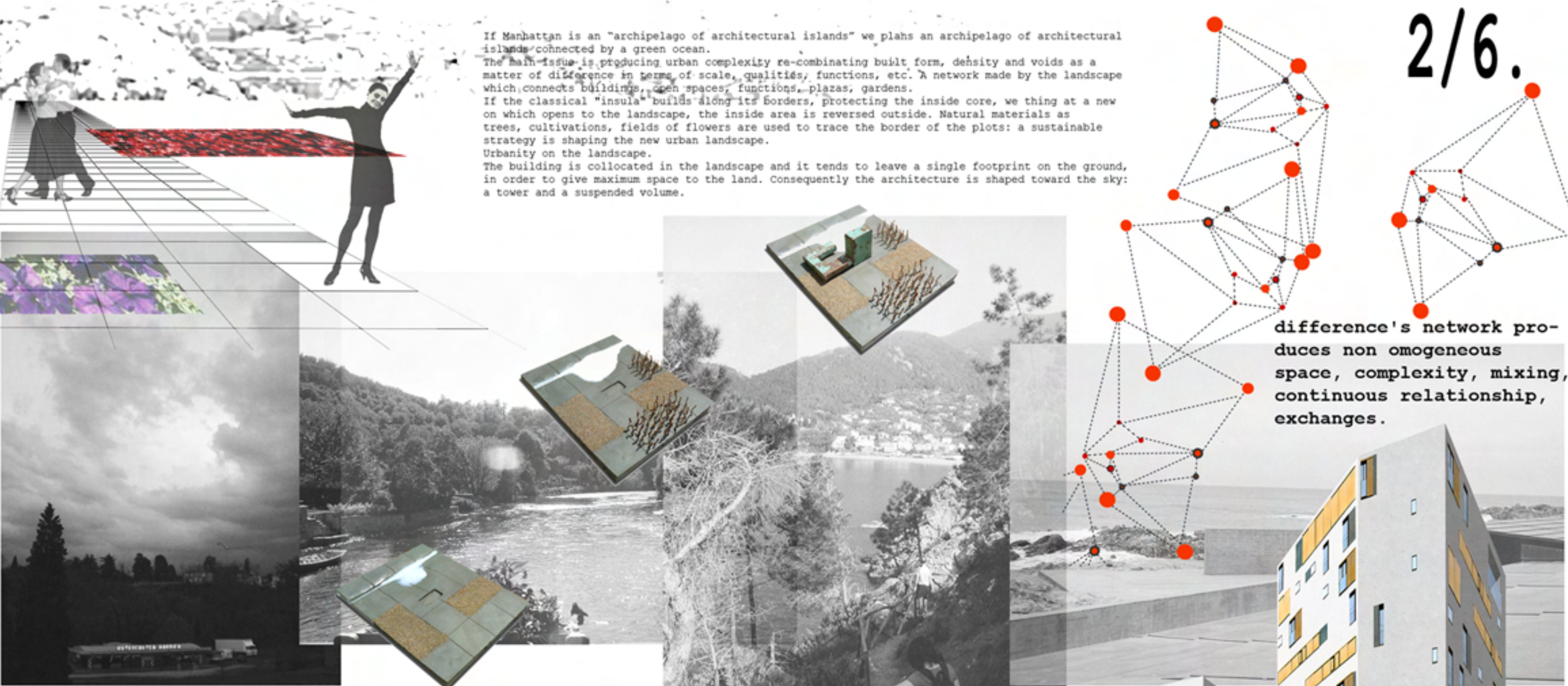
1/6.



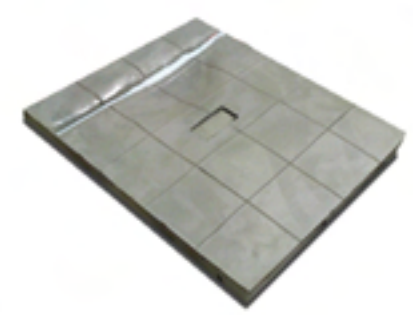
If Manhattan is an "archipelago of architectural islands" we plans an archipelago of architectural islands connected by a green ocean.
 The main issue is producing urban complexity re-combining built form, density and voids as a matter of difference in terms of scale, qualities, functions, etc. A network made by the landscape which connects buildings, open spaces, functions, plazas, gardens.
 If the classical "insula" builds along its borders, protecting the inside core, we think at a new on which opens to the landscape, the inside area is reversed outside. Natural materials as trees, cultivations, fields of flowers are used to trace the border of the plots: a sustainable strategy is shaping the new urban landscape.
 Urbanity on the landscape.
 The building is collocated in the landscape and it tends to leave a single footprint on the ground, in order to give maximum space to the land. Consequently the architecture is shaped toward the sky: a tower and a suspended volume.

2/6.

difference's network produces non omogeneous space, complexity, mixing, continuous relationship, exchanges.



the academic environment



New Building for the Faculty of Architecture, Building and Planning
 José Juan Barba Architects+Massimiliano Spadoni



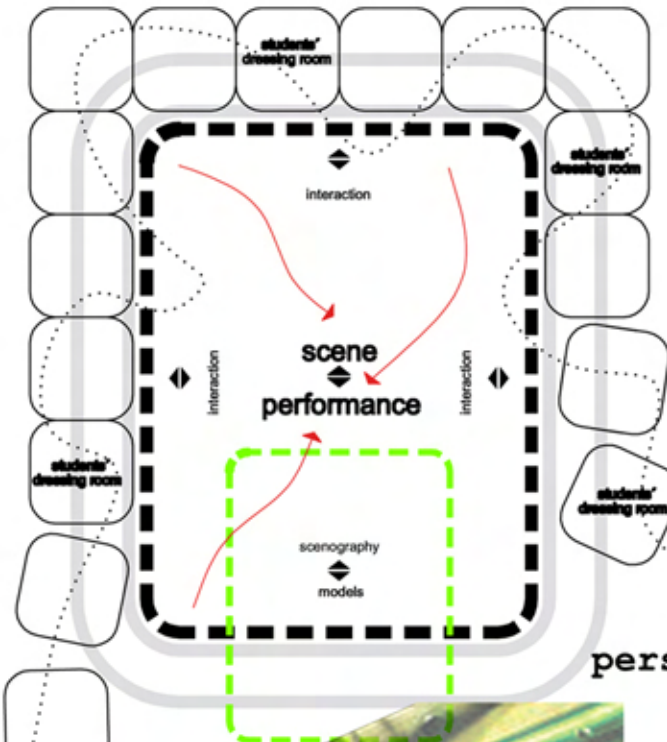


We see the design studio spaces like a place of interaction between students from all years levels and professors. A place of individual work, but in the same time a place of work in groups, of presentations and discussions with the professors and the other students. This space is conceived like a big theatre where the students prepare their work in their own personalized spaces, like an actor prepares himself in his dressing room before going out to perform on the scene

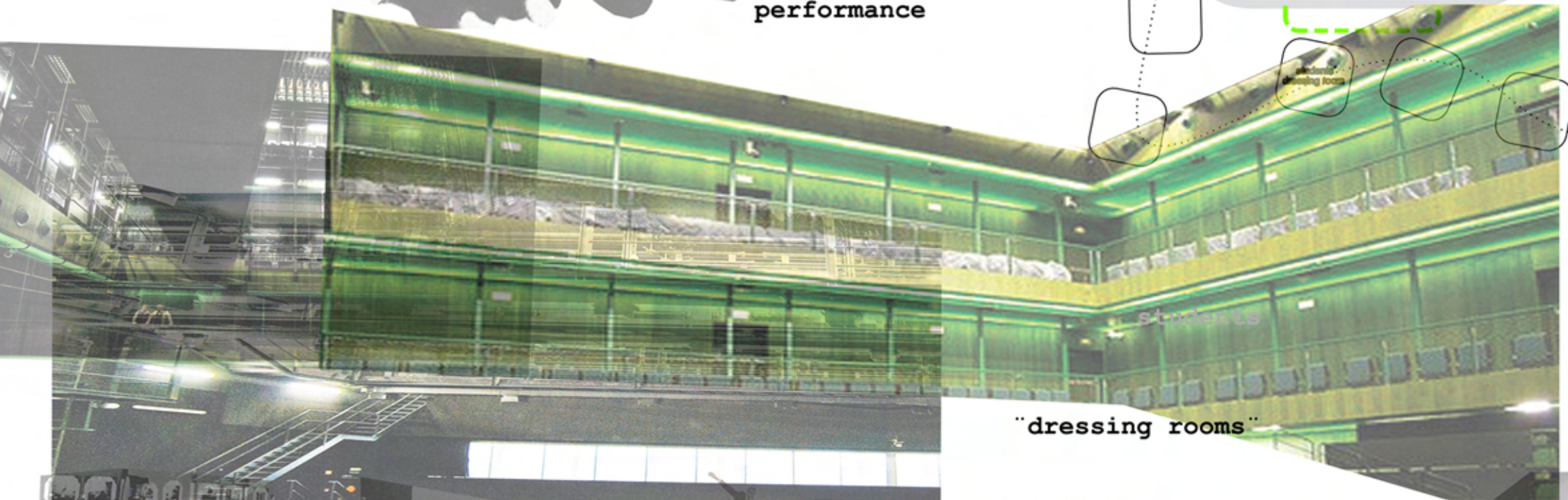
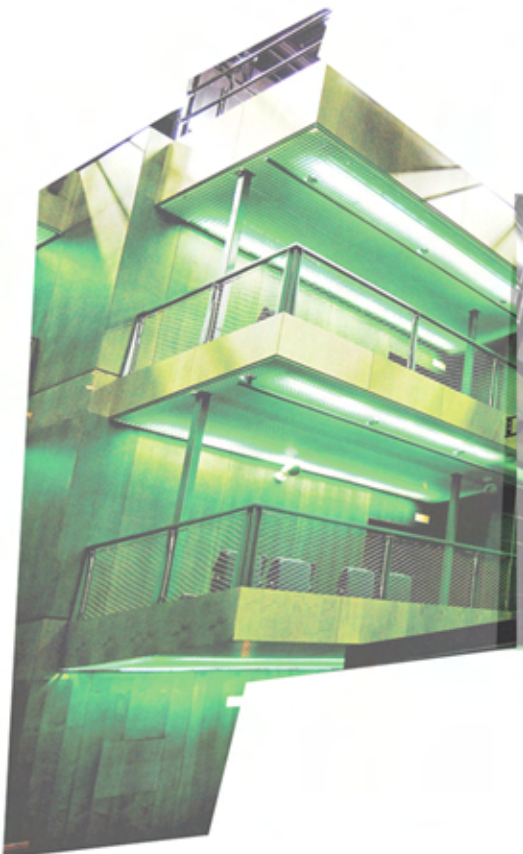
design studio spaces



performance



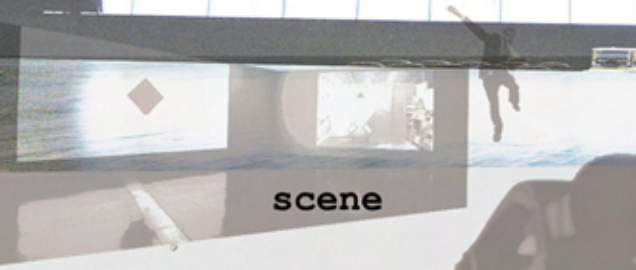
personalized spaces



"dressing rooms"



theatre



scene



interaction



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location: MELBOURNE
 latitude: 37°49'
 longitude: 144°50'
 sea distance: +/-4 km (none)
 altitude: (none)

symbiosis

The living building

4/6.

climatologic qualitative comment:

Melbourne is characterised by a cool-temperate climate that change dramatically throughout the day.

Whilst the average daily maximum temperature in summer is 25.8°C, the mean number of days with a maximum temperature of 35°C is 3,6 in January.

The average daily maximum temperature in winter is 13.3°C and its average minimum temperature is 5.8°C. Typically, there are 3.8 days <2.0°C in July.

The average diurnal range in temperature is 9.4°C.

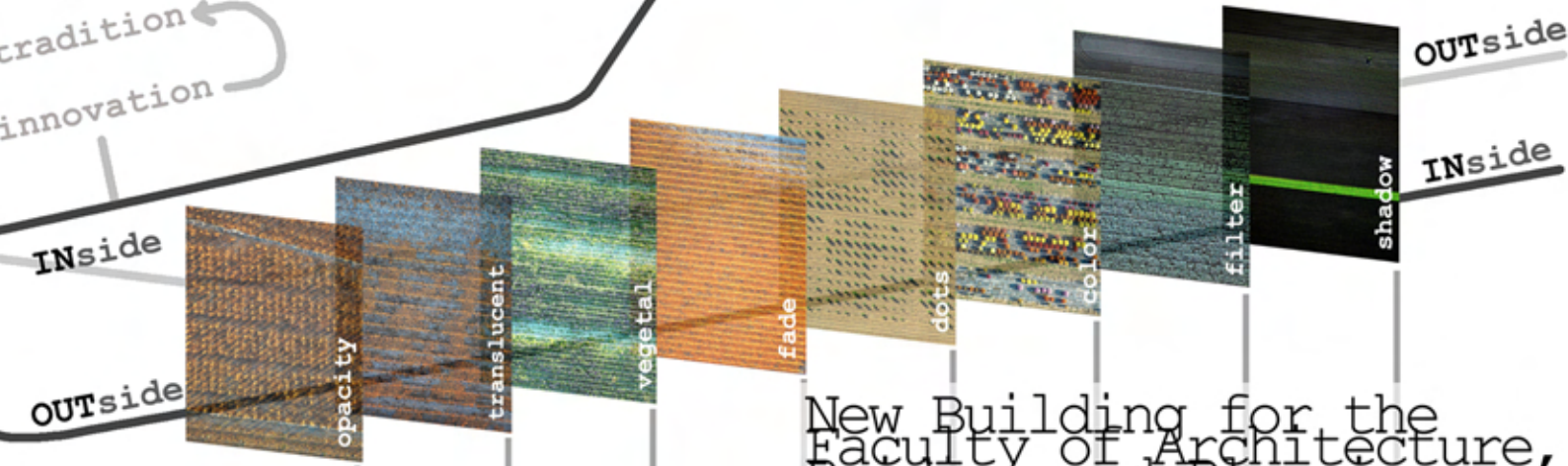
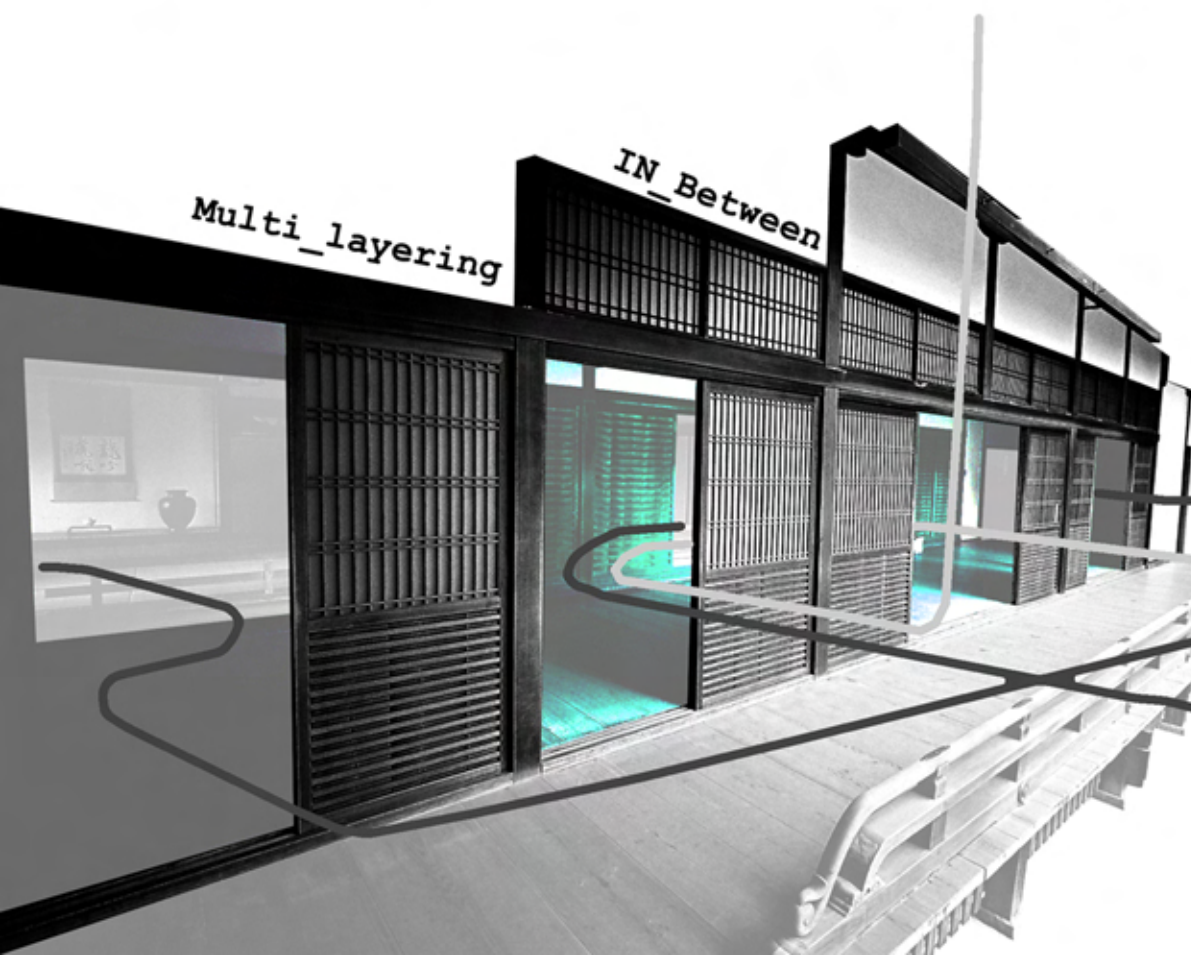
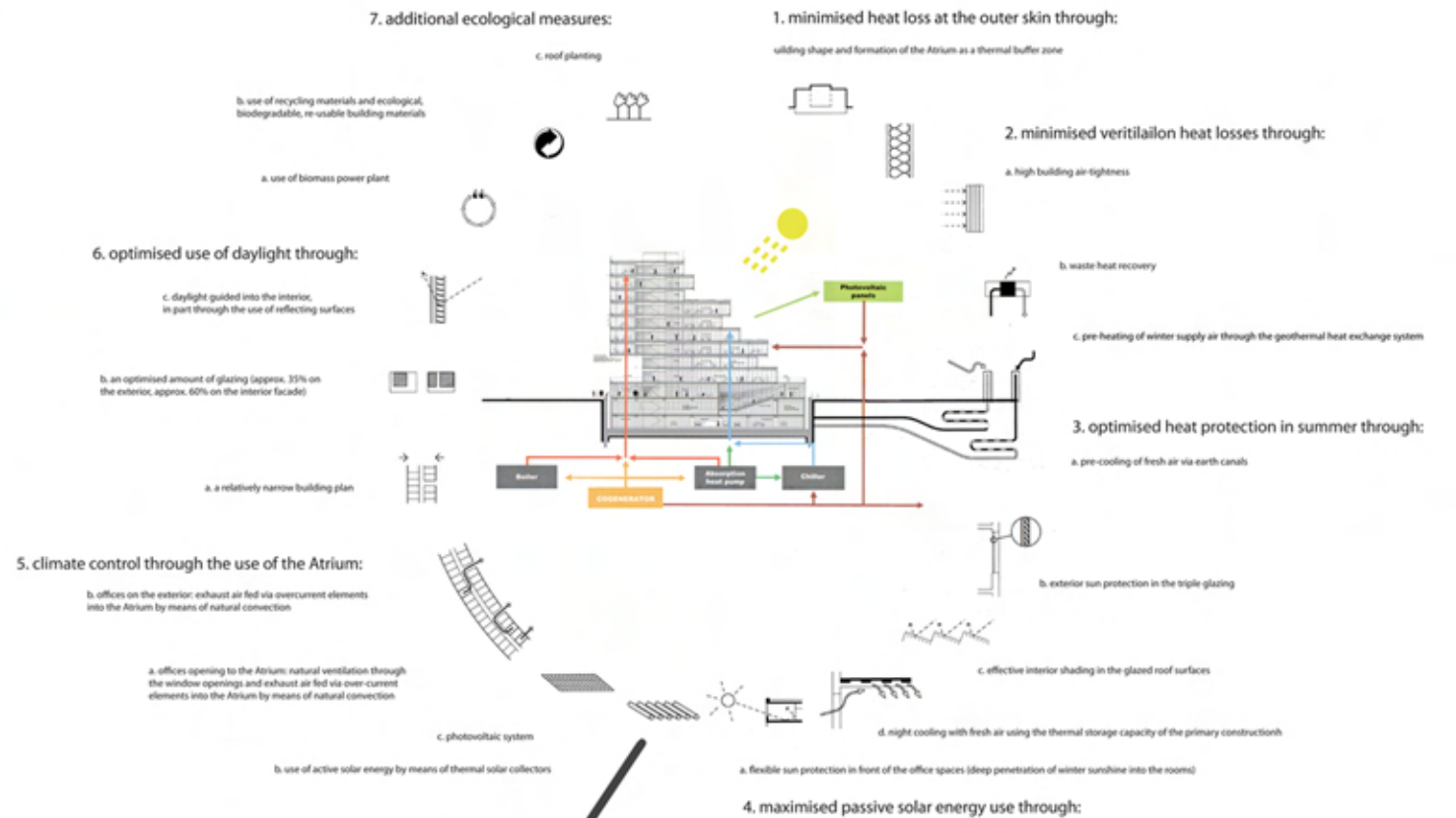
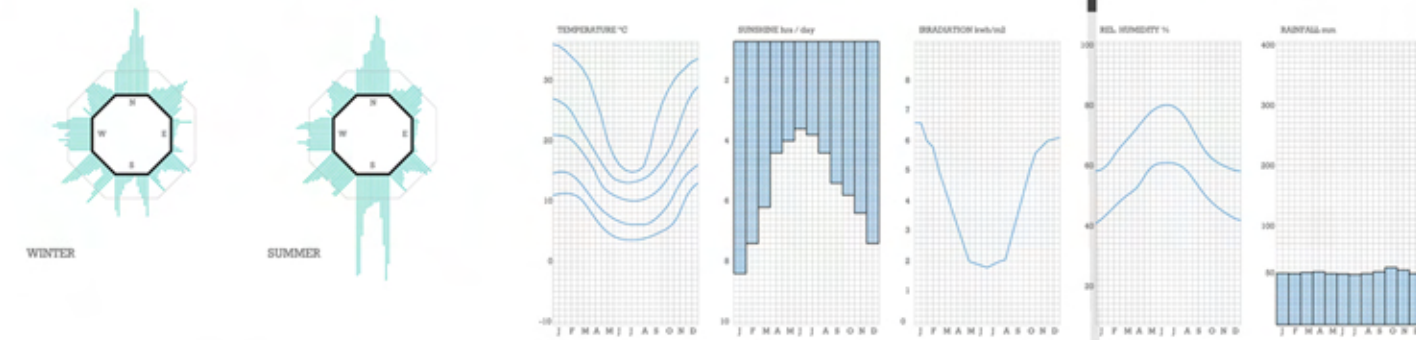
The city receives an average of 655 mm of rainfall each year. This falls consistently throughout the year, with a few more rain days in winter than summer. Relative humidity generally remains below 60% in the summer, with the afternoons less humid than the mornings. Winter mornings see the humidity levels at just over 80%, dropping to the mid 60s in the afternoons.

microclimatic influences:

The urban topography resulting from the grid of the city and the surrounding construction of the campus buildings has a strong effect on the climatic conditions experienced on the site. The site has medium rise buildings on its eastern and southern boundaries, high rise buildings on the northern boundary and public/open spaces on western.

The surrounding buildings and gardens ensure that a reasonable amount of the site (at least two or three first floors) is shadowed throughout the most of the day in winter. The orientation of the block and the distance to the northern neighbour makes some sun at summer lunchtime possible.

The lack of high-rise buildings to the south results in the site being open to the south-westerly winds that prevail throughout the year. It is partially protected by any easterlies, as well as totally protected by the northerlies which prevail mainly in the summer.



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When a congenitally blind person sees for the first time, the succession of spaces is no longer a horizontal continuity, in the sense of an extension of a succession of events, according to the horizontal sense of movement. When this person first saw, he was dismayed when he realised that space continued above, dizzyingly beyond his reach. In our projects the creation of places are based on a complete understanding of space and the influence of its different escapes. The vertical component of this interior space (centre of rivers) is reflected in the domes and its escapes through the skylights. When we are in the exterior, the evidence of the vertical component is intensified by contrast; there is no roof and the sides are almost incorporeal.



New Building for the Faculty of Architecture, Building and Planning

José Juan Barba Architects+Massimiliano Spadoni

The participation of client and users in the construction of the new building for the Faculty of Architecture, Building and Planning, conceived by our team in two fields: the design process and the construction phase.

A constant effort to strengthen the active role of the community will be guaranteed by few clear points:

- constant exchange of informations in both directions: from the project to the users step by step through models, photos and drawings. On the other hand informations will be taken from users where they are and the client will show their intentions.

- the project will be shaped around the idea of flexibility: the means that the building has to be able to evolve according to the needs of the users and

For the construction a model in scale 1:1 will be made. The construction of the building also has to facilitate the experience of the users that will be built.

The construction site will be designed as a part of the site of the building: open spaces and the building itself will be shown to the users. The collaboration with the Faculty of Architecture and with the University will take place around two main tools:

- a series of workshops where architects and students will be challenged to redefine their faculty through debates, drawings and brainstorming that will improve the design process. The main idea is to conceive the whole process of the building (from the project to the construction) as a tool for teaching and learning architecture. The students will have the opportunity to learn architecture directly in the field: from the design phase to the construction site.

- a team work that will include members of the Faculty and students: the complexity of the building requires a series of professionals that will be found in the University of Melbourne, in order to produce a building that will be the product of both global and local skills. Students will be involved in the team work to give their contribute for shaping the new faculty.

Client.-
INTERREG Programme. EUROPEAN COMMUNITY + MINISTERIO de FOMENTO, España. (Ministry of Development SPAIN).
Project.-
CENTRE FOR THE INTERPRETATION OF RIVERS, Órbigo, Tera, Esla.
Date.- 2008

José Juan Barba (1964), Doctor in Architecture, ETSAM (2004), Special Mention in the National Finishing University Education Awards (1991). He founded his professional studio in 1992, advising different NGOs until 1997, when he changed the main focus of his professional work to the research and development of the metropolitan nature of architecture, with the carrying out of constructed and theoretical projects (books, articles and the being the curator of exhibitions).

He was a lecturer from 1999 to 2007 at the ESARQ-GIC in Barcelona and has been lecturing at the ETSAG in Alcalá (Madrid) since 2003. He has been a guest lecturer at different national and international universities, in Alicante, Volos, Barcelona (Etsab Esarq), Madrid (Alcala, CEES, IEarquitectura, Etsam), Montevideo, Rome, Washington, Valencia (UI Menedz Pelayo), Valladolid, Milan, Segovia (SEK) among others. He is on the panel of judges for different art and architecture competitions.

He is currently the Director of the Masters in "Projects in Architecture and Culture of the Landscape" at the "I/art" in Madrid. He was selected and invited to present his work on "The Post-Industrial City", with 40 young architects from all over the world at the National Gallery of Washington DC, USA in 1994.

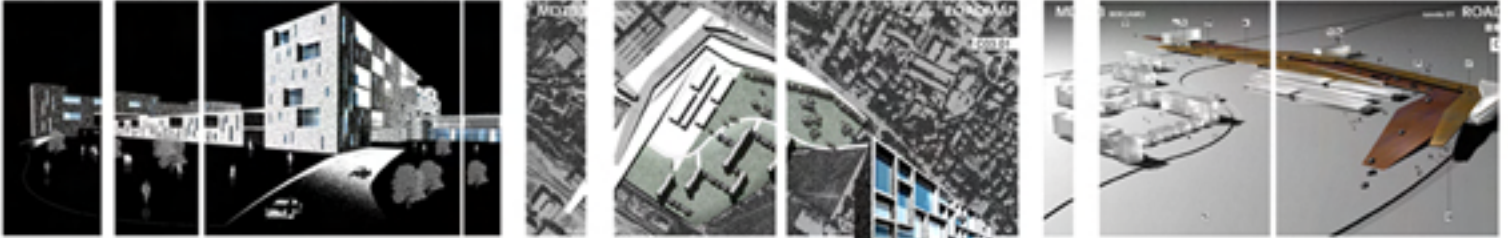




He has been the editor-in-chief of the international Art and Architecture magazine METALOCUS since 1999. He was the subeditor of "Espiritu Nuevo" in 1992 and the correspondent for "Quaderns" in the US in 1998. The last exhibition he was the curator of was "M.C. Escher. El arte de lo imposible (The Art of the Impossible)", Canal Y Il, Madrid.

His projects and proposals have been published in numerous specialised magazines and national and international newspapers and have been broadcast on national and international radio and TV programmes such as: Ed. Actar, EL CULTURAL, ABC de las Artes, BABELIA-EL PAIS, LEER, ZERO, ARQUITECTURA, FORMAS, ARQ-Chile, ENLACE-México, ON Diseño, MINIMA - Athens-, Arquitectura Plus, Via Construcción. Radio Circulo, Canal Cuatro, TVEspañola, TV2, Europa Press, Intereconomia TV, Telemadrid, "La ciudad invisible" RN3, ... The following are among the research and information articles published in national and international specialised magazines: Spain- FORMAS, SCALAE, QUADERNS, ARQUITECTURA, METALOCUS, WAM, CIRCO, ON DISEÑO, VÍA CONSTRUCCIÓN, ARQUITECTURA PLUS and outside Spain- DE ARCHITECT -Holland-, NY-ARTS -New York-, EL DÍA -Mexico-, ENLACE -Mexico-, NOBUKO -Buenos Aires, ... along with articles on art for galleries in Madrid, Barcelona...

- Awards. Massimiliano Spadoni + José Juan Barba Architects
- Project selected. Architecture Prize "Rassegna lombarda di Architettura Under 40. New proposals in Architecture".
 - First prize. Competition for two social housing in Vigonza (PD), with Gian Carlo Floridi architect.
 - Admitted at the second phase. International Competition for the New Thermal baths and an Hotel in S.pellegrino -BG-, with Eduardo Souto de Moura arquitectos and Gian Carlo Floridi architect.
 - First prize. Competition for the renewal of the historical urban centre of Marnate (Va).
 - International Competition European 8, Bergamo site: runner-up.



- Finalist. World Architecture Festival. Centre for the Interpretation of Rivers. Tera, Esla and Orbigo. Barcelona, 2008
- Award. FAD AWARD 07 Intervenciones Efimeras. "M.C.ESCHER". Arquin-Fad. Barcelona, 2007
- Finalist "Ii Bienal Iberoamerican", Publicaciones Periodicas Award, Dic. Montevideo. 2006
- Award. "PANAYIOTI MIXELI AWARD". SADAS-PEA, for the Spreading of Knowledge of Architecture Athens, 2005
- Award. "PIERRE VAGO" ICAC.International committee of Art Critics AWARD. London, 2005.



- Finalist."ROSA BARBA" INTERNATINAL AWARD, 3ª Biennial Europea de Paisatg de Barcelona". COAC, ETSAB. Barcelona, 2003
- Award. "SANTIAGO AMÓN" AWARD, for the Spreading of Knowledge of Architecture. C.O.A.M. Madrid, 2000
- Special Mention. " ERICH DEGNER AWARD" National Competition Young Architects. Fundación Banco Bilbao Vizcaya. Bilbao, 1997
- Award. First Prize. "PARQUE Y JARDINES, EN STA. BARBARA. TOLEDO". Competition Comunidad Castilla la Mancha. Ayto. Toledo. Toledo, 1996

