



URBANA DIGITAL

ARCHITECTURE, DESIGN AND 3D VISUALIZATION OFFICE

CURRICULUM & PORTFOLIO

Silvestre Vivo Millán, Architect.

Curriculum Vitae



Personal Information

Name Surname	Silvestre Vivo Millán
Address	Wilhelminastraat 108,1 -1054WN
	Amsterdam (Nederland)
Cell phone	+31 064 7651302
Email	info@urbanadigital.eu
Nationality	Spanish
Date of birth	25/11/1976
Gender	Male

Education and training			
Date	1995-2003	Final project	Energy; city, hydrogen, electricity. Researching project on the use of hydrogen as an energy vector for the development of distributed generation of energy in the city.
Title of qualification awarded	Bachelor of Architecture with the classification: 8/10	Coordinator	Professor D.Carlos Tapia Martín, University of Seville.
Principal subjects/occupational	Design, urban design, technological design, bioclimatic design, renovation design, history and theory of architecture, science and technical of construction.	Date	2011-2013
Organization	University of Seville – Spain	PhD thesis	“The human scale of energy” Study and research on imaginary city in an environment of distributed generation of energy.
Final project	Urban Planning around the environment of the Barbate River. Renovation and recycling of uses in the consolidate city.	Coordinator	Professor D.Carlos Tapia Martín, University of Seville.
Coordinator	Professor D. Pedro Górgola, University of Seville.	Learning experience	
Date	2007/09	Date	2009
Title of qualification awarded	Master in City and Sustainable Architecture with the classification: 10/10	Workshop	About sustainability en Latin America
Principal subjects/occupational	theory of sustainability, rehabilitation, alternative energy, new urban processes on consolidated environments, theories energy and distributed generation, hydrogen and fuel cells, recycling, reuse, refurbishment, generic city, specific city, augmented reality, social networking applied to urban planning	Organization	University of Valparaíso-Chile
Organization	University of Seville – Spain	Coordinator	Profesora Dña. Carmen Guerra de Hoyos University of Seville.
		Date	2009
		Organization	Visiting professor in Master in City and Sustainable Architecture
		Organization	University of Seville - Spain

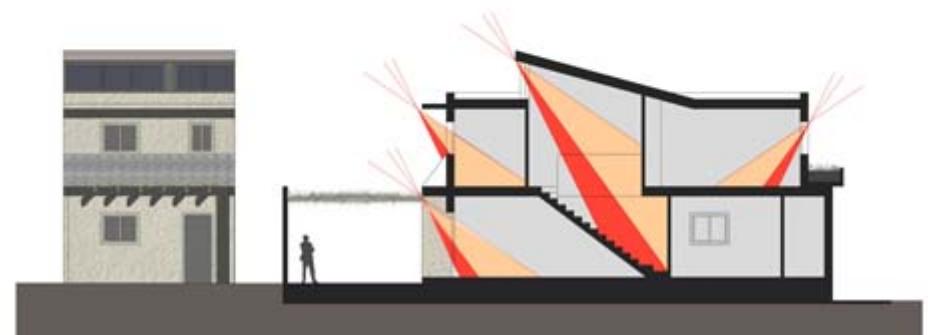
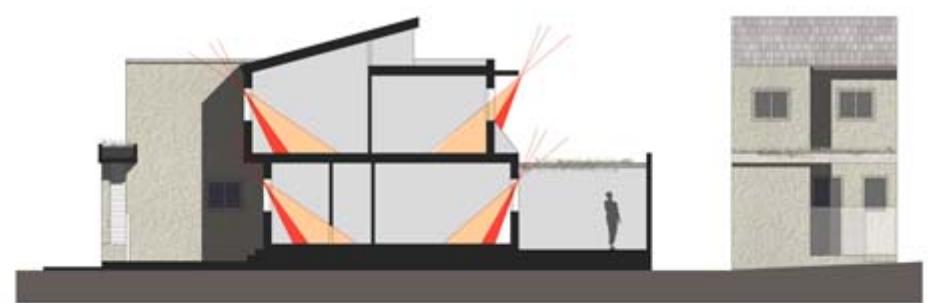
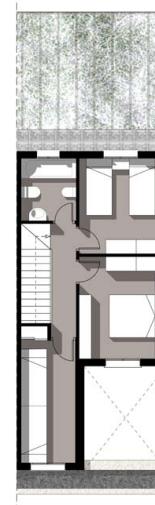
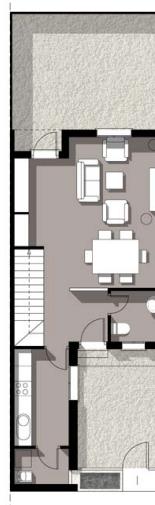
	Date	Publications
Researching project	2009 “H2oPe: The new hydrogen technologies and the fuel cells in the future urban planning”, with the classification: 9/10	2009 Hybridization and transculturation in contemporary inhabit modes. In collaboration with the researching group “Outarquías”. http://outarquias.wordpress.com/
Organization	Foundation San Valero, Zaragoza (Spain)	
Date	2010	2010 Paper for I State Sustainability Congress – Ambientalia 2010. Energy; city, hydrogen, electricity. http://estatal.ambientalia.org/
National Congress	Sustainability and Environment, paper about energy, distributed generation and hydrogen technology	
Organization	Asociación de Ambientólogos de España	2010 Paper for V Regional Sustainability Congress – Ambientalia 2010. Towards a new model of city. http://andalucia.ambientalia.org/
Place	Rivas Vacía-Madrid (Madrid)	
Date	2010	
Regional Congress	Sustainability and Environment, paper about energy, distributed generation and hydrogen technology	2011 “The human scale of energy”. Research article for the spanish on-line magazine Hipo-Tesis http://www.hipo-tesis.eu/numero_hipo_g.html
Organization	Asociación de Ambientólogos de Andalucía	
Place	Seville – Andalusia (Spain)	2011 “Search found”. Research article for the spanish on-line magazine Hipo-Tesis http://www.hipo-tesis.eu/numero_hipo_i.html
Date	2010	
Organization	Visiting professor in Master in City and Sustainable Architecture	2011 Five years of MCAS. Summary of the most important thesis in the last years. University of Seville. http://mastercas.net/
Organization	University of Seville - Spain	

Work experience		Date	2011
Date	2001-2003	Name of employer	Studio Seven Architecten
Name of employer	MRPR Arquitectos	Type of business or sector	Architecture Studio
Type of business or sector	Architecture Studio	Occupation or position held	Collaborator with a Dutch architectural firm doing projects in The Hague.
Occupation or position held	Collaborator	Main activities	projects, drawing, 3D models, etc...
Main activities	urban planning, building design, competitions	Prizes	
Date	2003	2004	First Prize – 10 bioclimatic housing in Castilleja de la Cuesta- Seville (Spain)
Name of employer	AGU Arquitectura y Urbanismo	2007	First Prize - Childhood dining room in Tomares (Seville)
Type of business or sector	Architecture Studio	2007	First Prize - School in Tomares (Seville)
Occupation or position held	Collaborator and Manager	2009	Second Prize - 41 housing in Benamejí (Cordoba)
Main activities	urban planning, building design, housing projects.	2009	Second Prize – 22 housing in Aracena (Huelva)
Date	2003-2014	2011	Finalist – Housing in Avila.
Name of employer	Urbana Digital	2014	First Price with Studio Seven Architecten – Renovation Building office
Type of business or sector	Architecture Studio	Interests	Musician, guitar teacher, and photographer at free time. All these activities developed in The Hague.
Occupation or position held	Director and designer, owner of the company	Languages	Spanish, English and Dutch.
Main activities	all activities related to the direction and management of an architectural firm; design, competitions, projects, coordination of construction, drawing, 3D models, etc...		

1 10 bioclimatic housing

Competition: First Price 2004

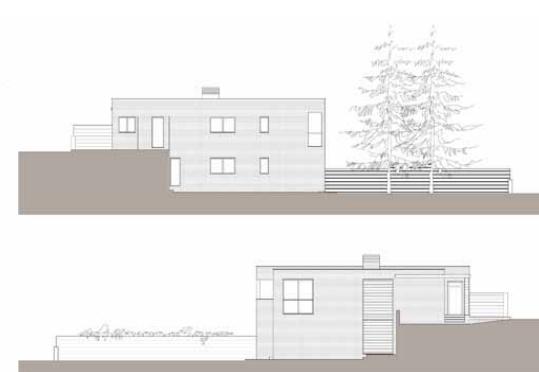
Place: Seville (Spain)



2 singular housing

Private client, 2005

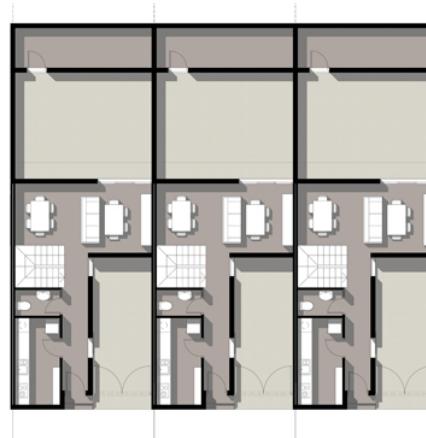
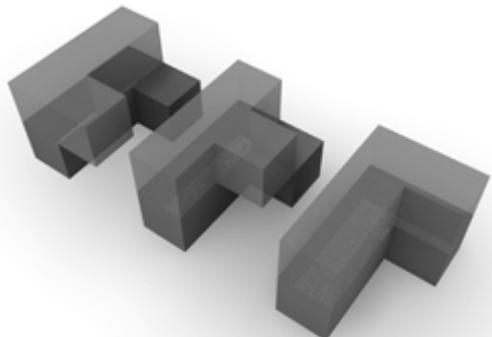
Place: Seville (Spain)



3 41 housing

Competition: Second Price 2009

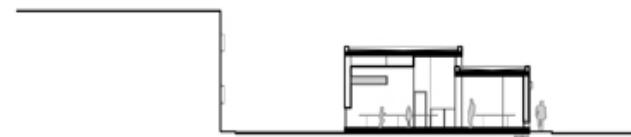
Place: Cordoba (Spain)



4 childhood dining room

Competition: First Price 2007

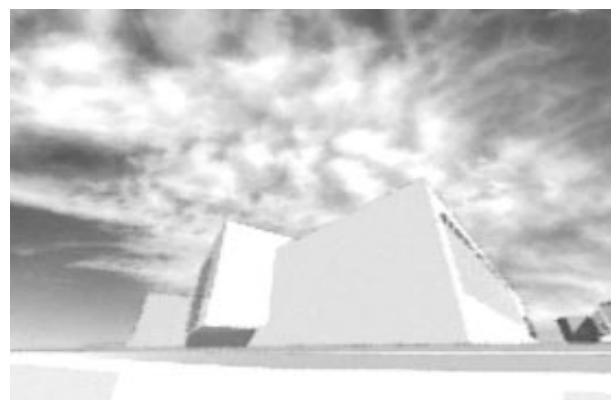
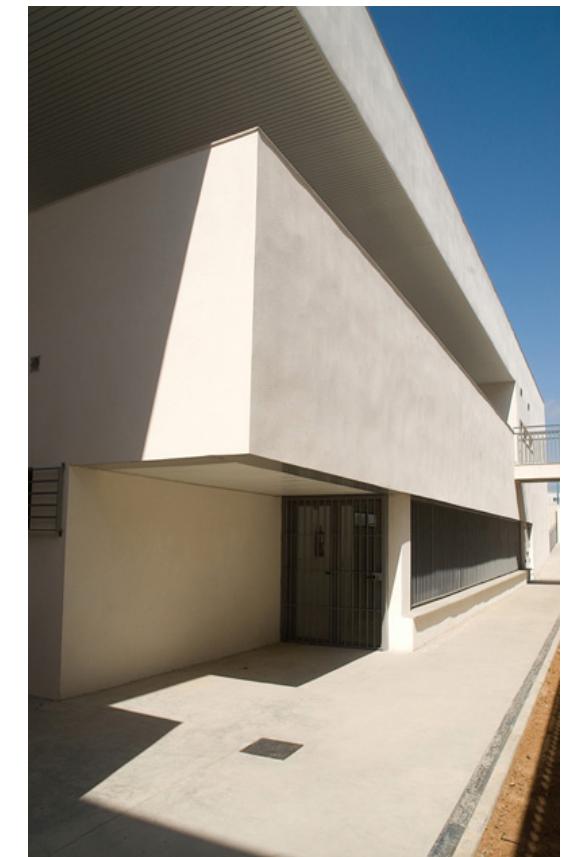
Place: Sevilla (Spain)



5 library, gym and new dining room in school

Competition: First Price 2007

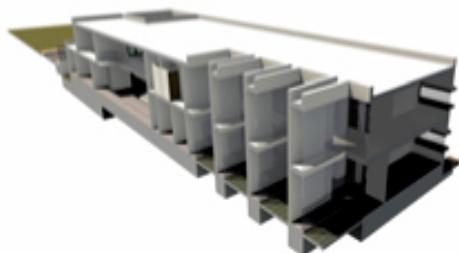
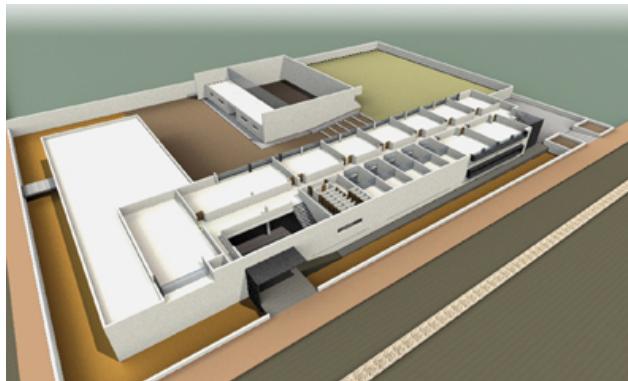
Place: Sevilla (Spain)



6 new primary school

Competition 2010

Place: Sevilla (Spain)

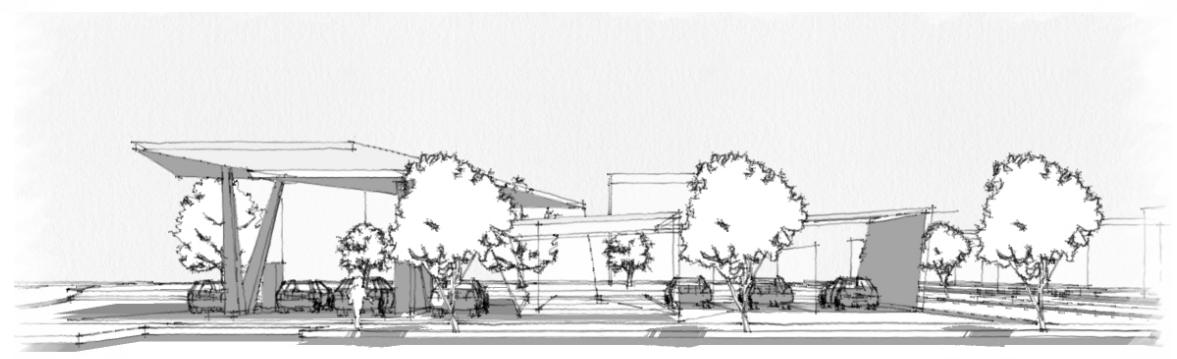
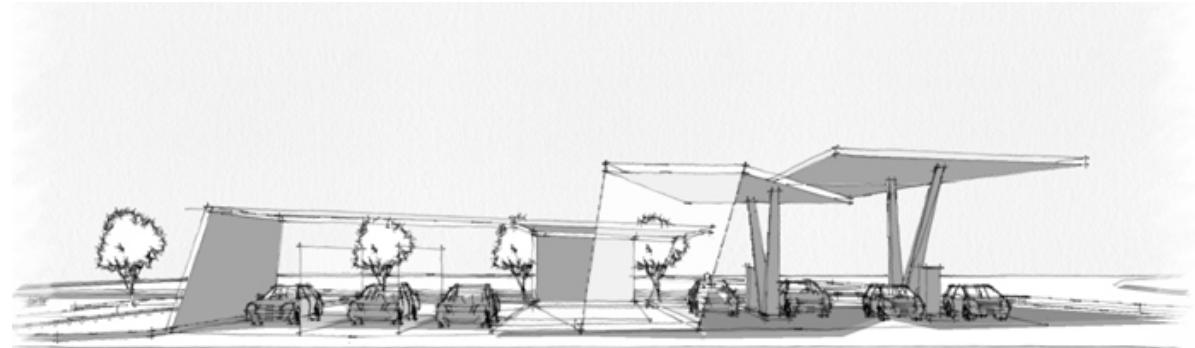
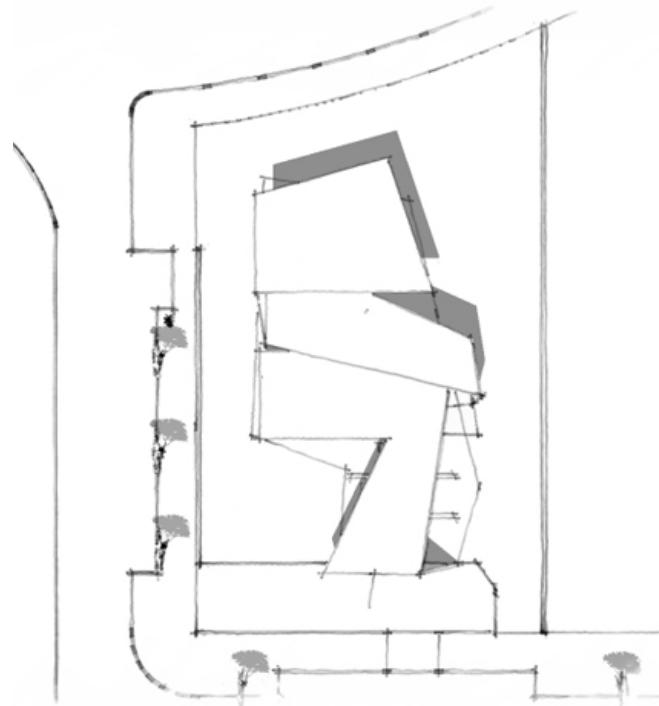


7

gas station

Private Client 2010

Place: Seville (Spain)



8 gas station

Private Client 2011

Place: Abu Dhabi (United Arab Emirates)



9 singular housing

Competition: Finalist 2011

Place: Ávila (Spain)



DISTRIBUCIÓN GENERAL

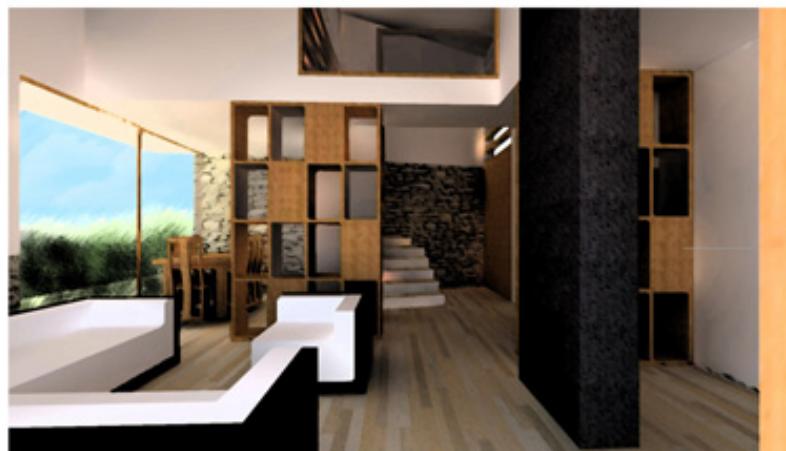


SITUACIÓN Y EMPLAZAMIENTO

"Asomarse al concepto pasivo y bioclimático de la construcción tradicional, sin perder de vista la misión evocadora de la arquitectura actual". Se pretende desde esta premisa crear un lugar de observación y esparcimiento del entorno natural apoyados sobre el primer gesto artificial creado por el hombre; el plano horizontal. Es desde ese lugar donde en todo momento establecemos la relación directa con el elemento articulador de todo el entorno; el río.

Se entiende por tanto que la vivienda, deberá ser como un objeto que cae y se asienta sobre el terreno y que sin perder el carácter observador, realiza una búsqueda con el contexto cultural más cercano; muros limpios, zócalos pétreos, cubiertas inclinadas, huecos precisos,...sin tener por ello que renunciar a un estudio pasivo del confort térmico y ahorro energético.

Hacia el Este, abren los dormitorios buscando el sol de la mañana y el salón, inevitablemente, mira hacia el río bajo el gran porche principal. Un gran ventanal es protegido por un elemento de cerrajería que se desplaza para convertirse en lamas verticales que tamizan la iluminación directa horizontal. El comedor recibe la luz de Sur protegido de un alero que controla y filtra la entrada de luz entre el verano y el invierno. Al Oeste, pequeños huecos alimentan el calor de la entrada y los locales húmedos de la vivienda adaptándolos en función de la hora del día. De este modo, los usos principales quedan concentrados en un gran espacio a doble altura completándose con un pasillo distribuidor que favorece la ventilación cruzada a lo largo de toda la casa. Un sistema de captación solar invisible bajo las cubiertas de pizarra y el cuarto de calderas, completan la temática de acciones para cerrar el confort térmico y ahorro energético de la vivienda junto con la chimenea que calienta el espacio central y el dormitorio principal en planta alta.



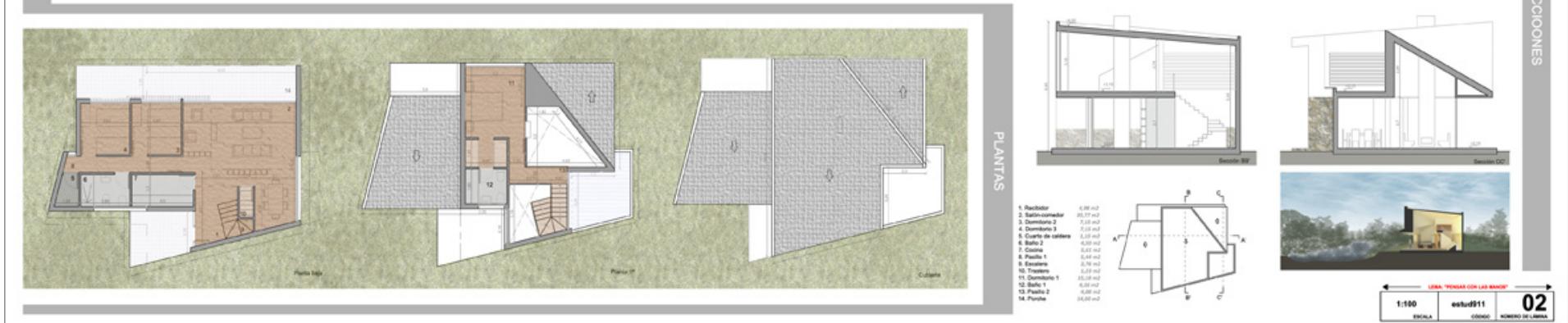
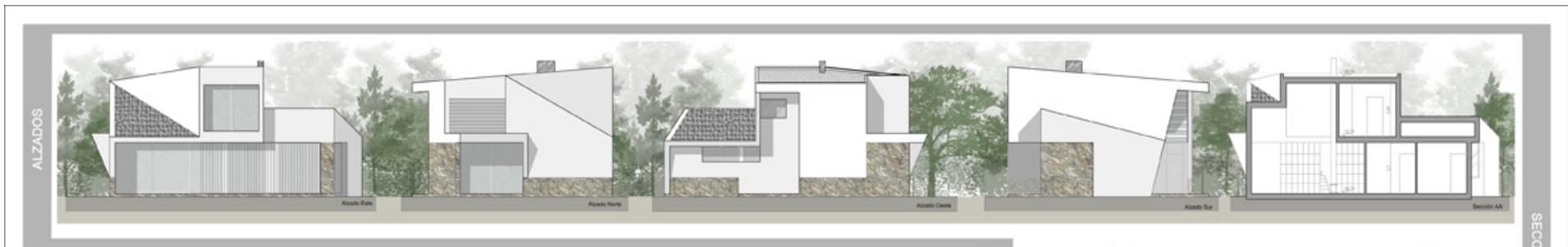
IMAGENES

LEMA: "PENSAR CON LAS MANOS"

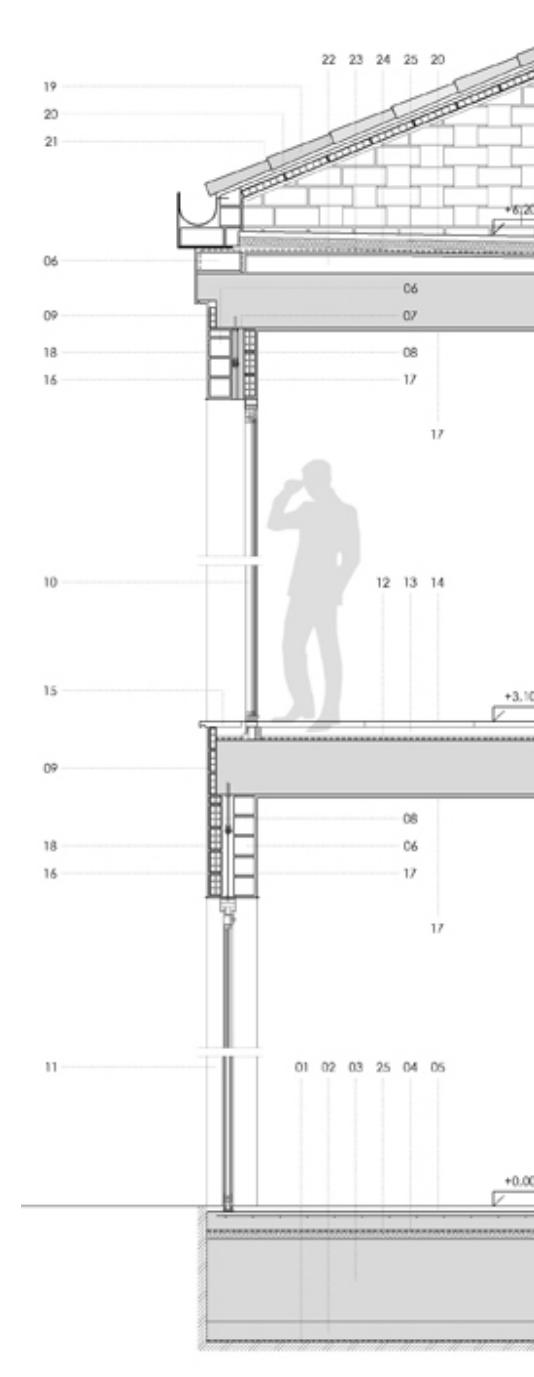
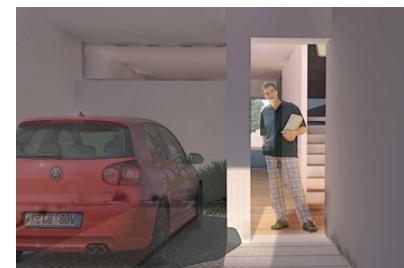
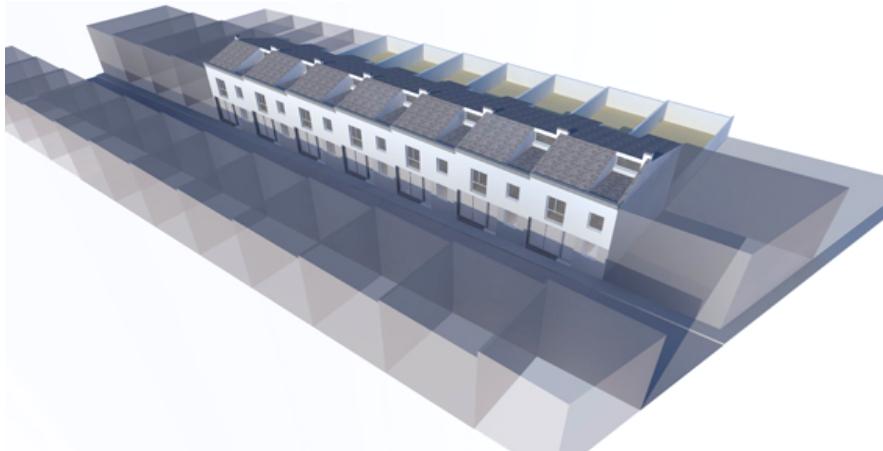
VARIOS
ESCALA

estud911
CÓNSO

01
NÚMERO DE LÁMINA



10 16 housing Competition 2011 Place: Cordoba (Sp)



CIMENTACIÓN Y ESTRUCTURA

- 01 Sub-base de terreno natural compactado
 - 02 Copo de hormigón de limpieza HM-20/P/20/llo de 5cm de espesor
 - 03 Loso de cimentación de hormigón armado HA-25/B/15/llo
 - 04 Film de polietileno
 - 05 Solera de hormigón en mao HM-20/B/40/llo de 10cm de espesor con malla electrovolcada Ø8/15cm de acero B-5035

CERRAMIENTOS

- 06 Muro de ladrillo perforado de 24x11,5x10cm recibido con mortero de cemento M5 [1:6] con plastificante
 - 07 Aislamiento con capa de poliuretano proyectado de 30mm de espesor medio y densidad 35kg/m³
 - 08 Tabique de ladrillo hueco doble de 7cm de espesor recibido con mortero de cemento M5 [1:6] con plastificante
 - 09 Empachado con ladrillo hueco simple de 4cm de espesor recibido con mortero de cemento M5 [1:6] con plastificante
 - 10 Corintineria de aluminio con ventanas practicables y perfiles de 1,5mm de espesor extruido con aleación 6063-T5
 - 11 Corintineria de acero pintado con perfiles correderos de rodillo de apoyo y en suspension

REVESTIMIENTOS

- 12 Aislamiento con manta de lana mineral de 20mm de espesor, dispuesto según CTE-D8-HR
 - 13 Recrecido de suelos de 5cm de espesor con mortero M10 [1:4]
 - 14 Selada con baldosas de lemnio fino de 3cm de espesor, recibidas con adhesivo C.2.5/EN-12004
 - 15 Alfizor de piedra natural de 3cm de espesor, recibido con adhesivo C.2.5/EN-12004
 - 16 Enlosado moestreado y frotado con mortero de cemento M5 [1:6] y arena de río
 - 17 Guarnecido y enlucido moestreado, con pasta de yeso YG y YF de 15mm de espesor acabados con pintura plástica Iso
 - 18 Bondo de refuerzo con malla de fibra de vidrio revestido de PVC. Peso mínimo: 215g/m²

CUBIERTAS

- 19 Tejas cerámicas planas, recibidos con mortero M2.5 [1:8]
 - 20 Copo de mortero M5 [1:6] de 3cm de espesor
 - 21 Rasillón de ladrillo hueco simple de dimensiones 40x20x4cm recibido con mortero de cemento M5 [1:6] con plásticofunción
 - 22 Formación de pendiente sieve con mortero M2.5 [1:8] de 10cm de espesor medio
 - 23 Mortero de regularización A2.5 [1:8] de 2cm de espesor
 - 24 Lámina impermeabilizante formada por dos membranas de betún modificado IBM-48 cada una, con armadura de polietileno
 - 25 Panel aislante de poliestireno extrusionado de 50mm de espesor con cubierta económica de madera...

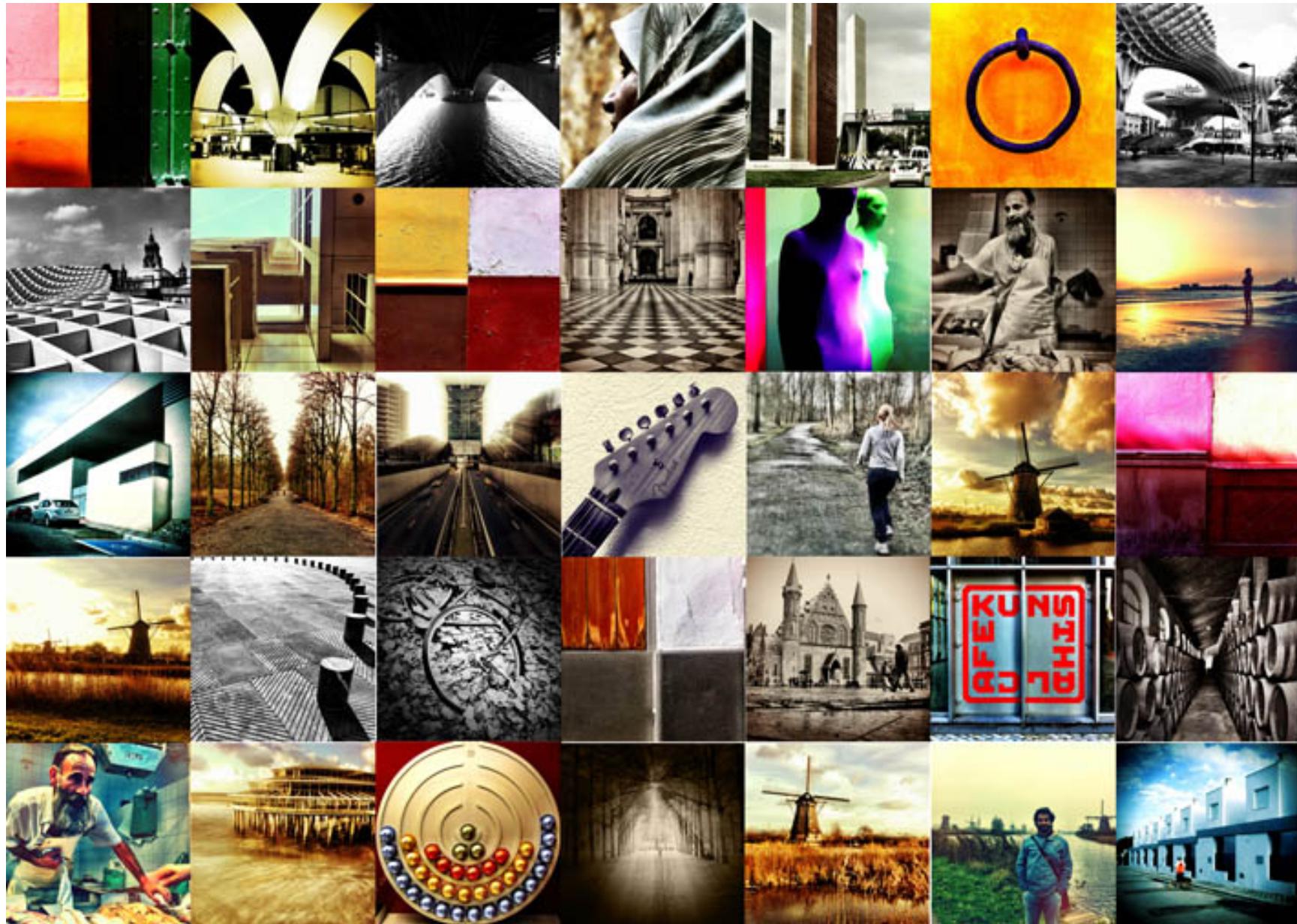
SECCIÓN CONSTRUCTIVA

Escala 1/30. Cotas en metros.

11 photograph

Exhibition 2010/2011

Place: Sevilla (Spain)



12 housing building

In collaboration with Studio Seven Architecten 2012

Place: The Hague (The Netherlands)

1009 Celebesstraat

©7



STUDIO SEVEN

13 New Public Building In York

Competition in collaboration with Hugh Geoghegan 2013

Place: York (United Kingdom)

Cadavre Exquis

Entrant Y41



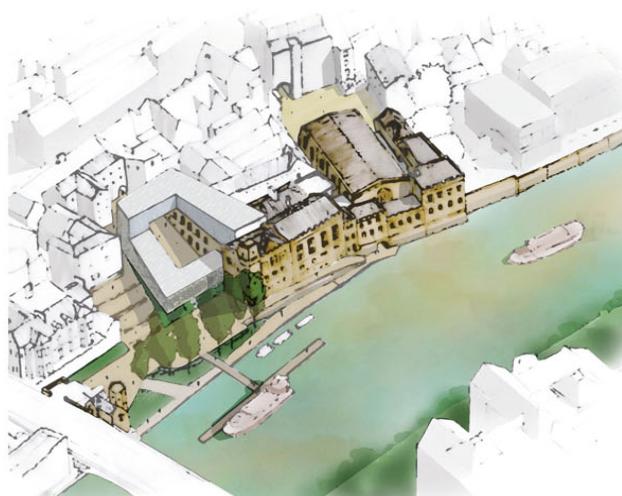
Given the rich history of York it is not our attempt to compete with any other areas in the city as a destination but rather to exhibit the importance of the Guildhall complex and its surrounding site and in doing so, reconnect the city to the river front and invigorate the complex for future use. Our proposal acknowledges and exhibits the histories of the Guildhall site in an interactive exhibition.

To compliment this 'excavation' of the past we propose to exhibit the current and future aspirations of the city in a multi-use building in the form of an elevated cloister arrangement. We are not attempting a staged authenticity through the superimposition of a preconceived regionalist or contextualist approach, we are asking the site to tell us what to do, a play on the surrealist concept of the exquisite corpse 'Cadavre Exquis'.

This technique of serial composition exploited the mystique of accident as a kind of collective collage of words or images. The collective image of the group could be interpreted as a representation of the collectives identity. Our proposal has been to attempt to excavate an architectural identity for the site which respects the existing site as an agglomeration of histories and compliment it with a representation of contemporary York. Our proposal has attempted to excavate an architectural identity for the site which respects the existing site as an agglomeration of histories and compliment it with a representation of contemporary York.

As we attempt to graft onto the historical collage that is the Guildhall complex, we are looking to the extended site for clues. Through this technique we propose an architectural identity which is determined by the sites history and an architectural proposal which exhibit the cities aspirations. The site sits adjacent to an important traffic artery in the city, Museum Street. Buses carrying tourists/city centre workers from the train station will stop regularly near our site affording them the appropriate access is of great importance to the success of the scheme. Due to the height differences between the Ouse River and Lendal street we have attempted to accommodate all users through the provision of a soft slope toward the site from Lendal street. We have reconnected secondary entrances to the site so as to accommodate new footfall to the waterside from the historic centre. Key entrances such as the Mansion house Carriageway passageway, the Passage and yard to the early 20th century annex and hutments, pathway under Lendall Bridge have been maintained and become key entry points in the new composition.

The probable discovery of items of historical significance (ex. remains of the former friary wall/roman remains) from any construction work to this area of the site we have proposed exhibition boxes to house and display these items where they are found. These 'finds' are to be points of exhibition supplemented by landscape elements such as tables/benches/lights which will focus these areas as a congregation point. History is used in this way as a point of collection. Through animating the past in the form of an interactive exhibition we aim to make a connection with the present and encourage the future use of the site.



Above: Finalised Conceptual Sketch

Below Middle: I:500 Riverside Elevation

Below Left: Birdseye view of site indicating scale of proposal relative to context.



Above Right: Plan @ 1:500 showing urban connections

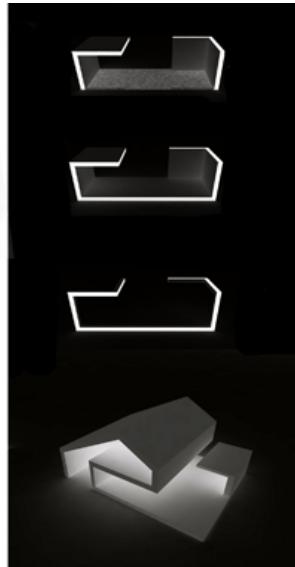
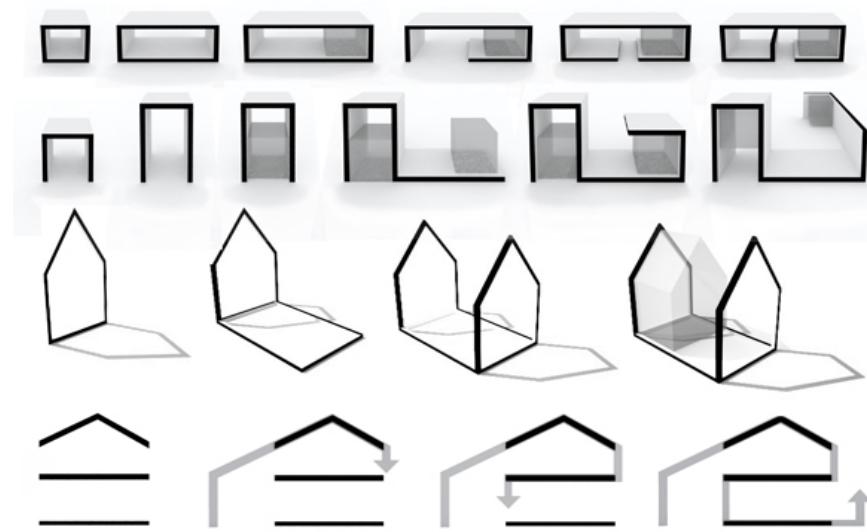
Right: Concept sketches analysing the form of the friary. The traditional form being an act of architectural separation served by the city, the inversion an act of architectural exhibition serving the city.

Below Right: View from Lendall Bridge at dusk.

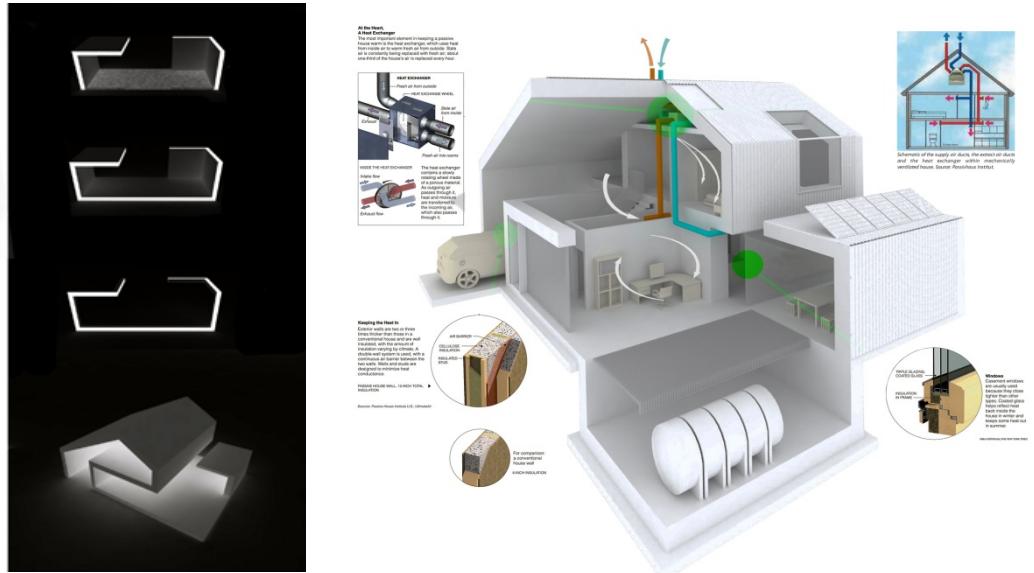


14 Passive House

In collaboration with Hugh Geoghegan 2013



Prototipe for a new passive house model for Ireland.



UD