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Jorge Sobrevilla Cruz

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**ARCHITECT**

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ARB 092008H

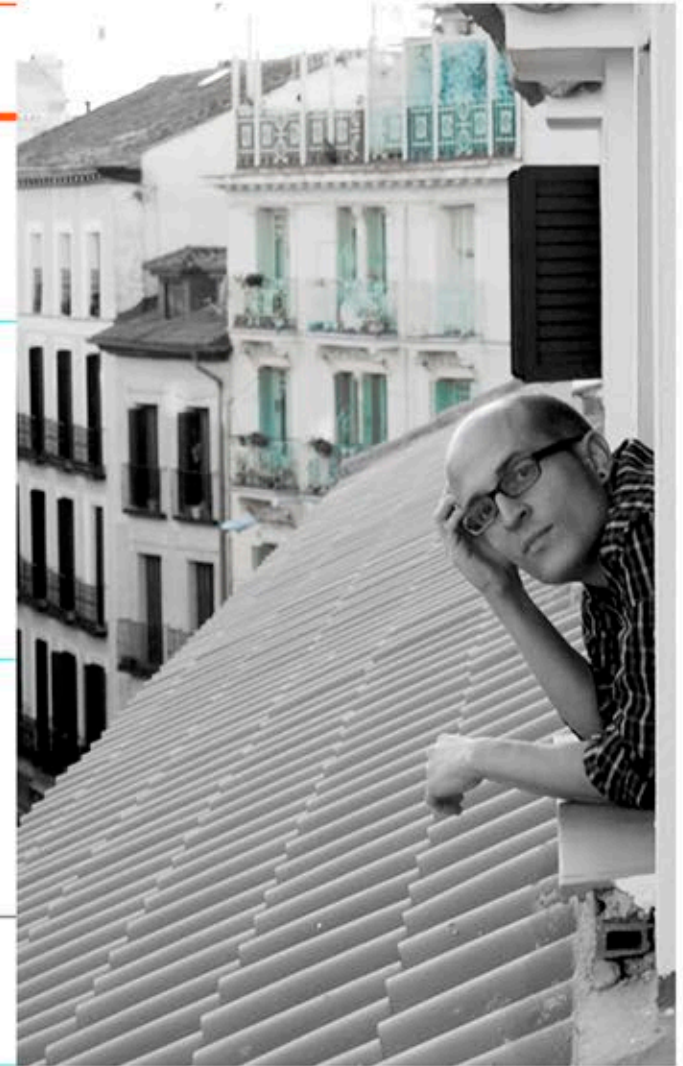
RIBA 20035142

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**LONDON**

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## EDUCATION

2012 - Escuela Técnica Superior de Arquitectura de Madrid (ETSAM)  
MArch. Master Degree in Architecture .  
Tutor: Rodrigo Pemjean. [www.arroyopemjean.com](http://www.arroyopemjean.com)

## SKILLS

ETSAM. The school is well known for its strong formation in design, history of architecture, abstract thinking and a complete background in construction details and structural engineering.

Strong design skills combined with good graphic abilities based on the knowledge of the latest software and the passion for graphic design.

My experience in **UK** comprises a new vision of health care combined with a new model of care home design in which architecture improves the life of vulnerable people.

My experience in **London** spans from housing and office buildings, planning applications and being the project architect for an office in Soho.  
I am currently working on the educational sector designing schools.

**4 years and 10 months of UK working experience.**

**2 years and 10 months of London experience. On site experience.**

All **RIBA Stages** / Planning permission / Tender drawings /  
**4 years of REVIT experience** / BIM LEVEL 2 standards /  
Construction drawings / Construction Details /  
Liaising / Interior design / Joinery / On site survey /  
On site meetings with clients and contractors /  
Managing with contractor and building material manufacturers /  
Especial needs building materials, low threshold doors,  
automatic windows systems, automatic curtains /  
Psychology involved in treating with people with disabilities /  
Construction managing / Interior design follow up on site /  
Landscaping / Management / High End Houses / Care Homes / Schools /

**International experience. 3 years working in Singapore.**

Projects in Thailand, Vietnam, Indonesia, India and Singapore.

Team work. International company run by an ex **Foster and partners**.

**5 years working in Spain.** Experience in restoration, renovation of historical buildings in **Madrid, Spain**.

Versatility, travel availability, driving license. Passion for arts and architecture.

## SOFTWARE

REVIT (4 years)	● ● ● ● ○	ENSCAPE	● ● ● ○ ○
AUTOCAD	● ● ● ● ●	ADOBE PHOTOSHOP	● ● ● ● ●
RHINOCEROS	● ● ● ● ●	ADOBE ILLUSTRATOR	● ● ● ○ ○
GRASSHOPPER	● ● ○ ○ ○	ADOBE IN DESIGN	● ● ● ● ○
SKETCHUP	● ● ● ● ●	VECTOR WORKS	● ● ○ ○ ○
VRAY	● ● ● ○ ○	NBS	● ● ● ○ ○
3D STUDIO MAX	● ● ○ ○ ○	POWER POINT	● ● ● ● ●
MICROSTATION	● ● ○ ○ ○	ABLETON	● ● ● ● ●
LUMION	● ● ● ○ ○	LOGIC	● ● ● ○ ○

## LANGUAGES

**SPANISH.** Native.

**ENGLISH.** Full professional proficiency.

**4 years and 10 months of UK working experience.**

**3 years of proven experience working in Singapore.**

**ITALIAN.** Spoken.

**7 months working in Palermo. Year 2006.**

## INTERESTS

Experimental Musician / Guitar Player / Traveler / Illustration / Comics / Cinema /  
Performance arts / Museum goer / Cycling / Swimming /

## ONLINE LINKS

**LINKEDIN** <https://www.linkedin.com/in/jarjorlandia>

**ARCHITECTURE BLOG** <http://jarjorlandia.tumblr.com/>





UNITED KINGDOM. LONDON.

2019/2020

PAUL MURPHY ARCHITECTS. <http://www.paulmurphyarchitects.co.uk>

● OFFICE AWARDS

NLA New London Awards, 2016 ,Commended,Newington Green Primary School / The Sunday Times British Homes Awards, 2015 Commended , Brentford Magistrate's Court / AJ Architecture Tomorrow, 2015.

Paxton Primary School / AJ Retrofit Awards, 2015 Shortlisted 25 Gordon Street, UCL / Offsite Construction Awards , 2015 Commendation ,Basingstoke Hospital / Building Better Healthcare Awards , 2015 Highly Commended.St Pancras Public Mortuary / Building Better Healthcare Awards, 2014 Highly Commended. Basingstoke Hospital / RIBA Awards, 2011 Shortlisted .Stephanie Marks Centre, Ashford & St Peter's Hospital /

● Saint Christina School. SCHOOL EXTENSION.25 St Edmund's Terrace, St John's Wood NW8 7PY. PLANNING APPLICATION.PERMISSION GRANTED.

Client: Sacred Heart Congregation.

PROJECT ARCHITECT.

Westminster / Hand Sketches / Site Analysis / Meeting with client / Schools UK /Planning Consultant / Public Consultation / M&E / Sustainability / Structural Engineer / CLT Timber / CAD / REVIT/ Photoshop / InDesign / Value Engineer. /

● Baden Powell House. Scouts Association.Meininger HOTEL RENOVATION. 65-67 Queen's Gate, South Kensington, London SW7 5JS.

PRE-PLANNING APPLICATION.

Client: Meininger Hotels.

PROJECT ARCHITECT.

Site Analysis / Planning Consultant / CAD / Photoshop / InDesign / REVIT / M&E / Structural Engineer /

● OFFICE BUILDING in Kingston upon Thames. 20 Eden St. KT1 1BB.

PLANNING APPLICATION. DESIGN REVIEW PANEL.

Client: Private Developer.

ARCHITECT.

Site Analysis / Planning Consultant / Design Review Panel / CAD / Photoshop / InDesign / VU CITY /

● 323 Prince Regents Lane .PRIVATE HOUSE.London E16 3JL.

PRE-PLANNING APPLICATION.

Client: Private Client.

ARCHITECT

Planning Consultant / London Housing Design Guide / CAD / Photoshop / InDesign / REVIT /

● Traharta House.PRIVATE HOUSE.West Cork, Ireland.

DETAILING FOR CONTRACTOR.

ARCHITECT

Collaboration with HALL Architects / Drawing details /

2017/2019

ORBIT ARCHITECTS. <http://www.orbitarchitects.com>

● Q 5-9 Rockingham Street SE1.STUDENT ACCOMODATION.FEASIBILITY.

Student Accommodation / Campus / Renovation / Facade / CAD / Detailing / Photoshop /

● Ingeni Building, Broadwick St. W1F. OFFICE REFURBISHMENT.FEASIBILITY.

Client: Global Holdings Management. FEASIBILITY.

REVIT / Office / CAD

● Tudor House, Birdhouse Road South Croydon. NURSING HOME.FEASIBILITY.

Client: Zencroft Construction.

Care Home / Feasibility

● 2 New Units, Albany Court. Kew Bridge Road, Hounslow. HOUSING. TENDER.

Client: The Albany Group.

CAD/ Details /

● The Grand, Brighton BN1 2 FW. HOTEL RENOVATION.PLANNING APPLICATION.

Client: Brighton Grand Hotel

Hotel / Planning Consultant / Heritage Consultant / /CAD / Photoshop / In Design /

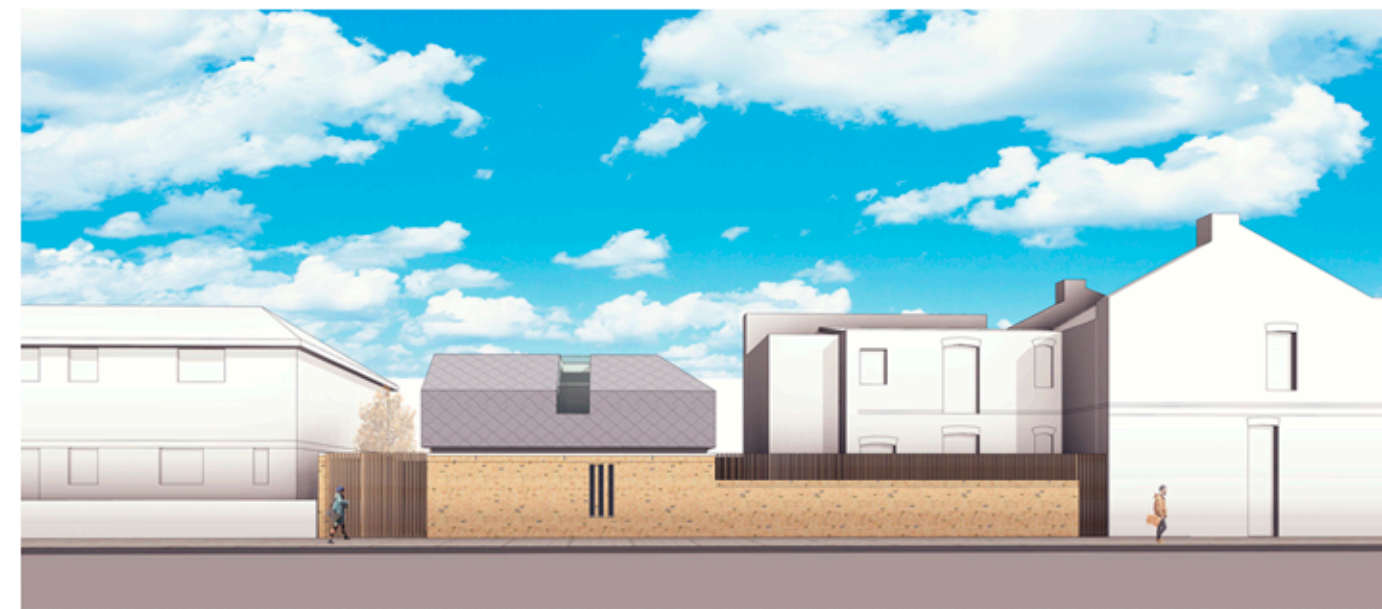
● Preston Road Station Development. Wembley HA3. HOUSING DEVELOPMENT.

PRE-PLANNING APPLICATION.

Client: Apartment for London and Transport for London.

PROJECT ARCHITECT.

London Housing / CIMC Sea Containers / Apartments for London Developments / TFL / Hand Sketches / Site Analysis / Meeting with client / Planning Consultant / Heritage Consultant / Right of Light Consultancy / M&E / Sustainability / Landscape Architect / Structural Engineer /CAD/ Sketchup / Photoshop / InDesign Presentations / Verified Views /



323 PRINCE REGENT'S LANE. Revit / Photoshop .

UNITED KINGDOM. LONDON.

2017/2019

- **Hillingdon Station, Car Park Development UB10.HOUSING DEVELOPMENT. FEASIBILITY.**  
Client: Apartments for London Transport for London.  
PROJECT ARCHITECT.  
London Housing / CIMC Sea Containers / Apartments for London Developments / TFL Transport for London / Feasibility / CAD / InDesign /
- **Dolphin House, Uxbridge UB8 2XL.HOUSING.TENDER.CONSTRUCTION.**  
Client: Titan Property Development.  
Office reconvered into flats / Assist Project Architect with Tender Drawings /
- **6-14 High Street Romford RM 1HR.MIXED USE TOWER. FEASIBILITY. PRE-PLANNING APPLICATION.**  
Client: Real State Investment Management.  
PROJECT ARCHITECT  
London Housing / Tower / Mixed Use Building / Feasibility / Kick off drawings / Hand Sketches / Site Analysis / Planning Consultant / Heritage Consultant / Right of Light Consultancy / Retail / CAD / Formit / REVIT / Photoshop / In Design / Verified Views /
- **39 Merton Avenue, Northolt UB5 4QF.PRIVATE HOUSE.PLANNING APPLICATION.**  
Client: Hemro Estates LTD .  
London Housing / Planning Application / Planning Portal /
- **4th Floor Extension. Medius House, Sheraton Street W1F 88 H.OFFICE EXTENSION. TENDER. CONSTRUCTION.**  
Client: Global Holdings.  
PROJECT ARCHITECT  
Project Architect / Tender / Construction Stage / M&E / Structural Engineer / Quantity Surveyor / REVIT / CAD / Assist contractor with details / Design and build / Collins Construction / Fabrication Drawings / Office Extension / Listed Building / Mansard /
- **Bishop's Road. HOUSING DEVELOPMENT. ARCHITECT**  
Planning Application / London Housing / Point Cloud Survey / REVIT / RECAP / Views /



BISHOP'S ROAD. RECAP / REVIT POINT CLOUD SURVEY.

UNITED KINGDOM. WEST MIDLANDS.

2016/2017

**ARCHITECTONICUS**. Improving the lives of vulnerable people. <http://architectonicus.co.uk>

- **OFFICE AWARDS**  
Wychavon District Council Award Pershore Town Hall and new public walkway / Action for Market Towns National Award Pershore Community Arts Centre / Green Apple Award Burton Borough Music School / 2 Wood Awards Mews House, London & Green Oak Bridge, Northumbria / National & Regional RIBA Awards Clyde Library and Offices, Malvern / Civic Trust Award / Clyde Library & Offices /
- **9 Devonshire Close. W.1. LONDON. HOUSE REFURBISHMENT. BUILT.**  
Client: Private Owner. £1.8 Millions. £100.000.  
Direct Liaising with client / Specification / Bathrooms / Hi-end house / Detailing /
- **Carn Eithen. Whitesands St Davis. Haverfordwest SA62 6PT Wales. PRIVATE HOUSE. BUILT.**  
Client: Private Owner. £1.8 Millions.  
Construction Stage / M&E / Structural Engineer / REVIT / CAD / Assist contractor with details / Fabrication Drawings / Roofing / On Site Experience /
- **Healthy Care Environment. A new vision for care. Leominster. Herefordshire . HR6 0QJ. RESIDENTIAL NURSING HOME. PLANNING. SALES PLAN.**  
Client: Private Owner. £4 Millions.  
Care Home / REVIT / Sketchup / CAD / V-Ray / Photoshop / Power Point Presentation / Dementia / Care home management / International research on Dementia / New vision of care / Interior Design for vulnerable people / Psychology /
- **WEST EATON. EXISTING NURSING HOME ALTERATION. TENDER. BUILT.**  
Leominster. Herefordshire. HR6 0QJ.  
Client: Private Owner. £360.000.  
Project Architect / Tender / Construction Stage / M&E / Structural Engineer / CAD / Assist contractor with details / Fabrication Drawings / Steel structure / Roofing / On Site Experience /
- **AVENBURY CARE FARM. Rhea Farm, Bishops Frome. Herefordshire. HEWR6 5BQ. CARE FARM. FEASIBILITY.**  
Client: Private Owner  
Sketches / CAD / Care Home /
- **28 Tottenham Street. Fitzrovia. LONDON W1T 4RH. REFURBISHMENT AND EXTENSION OF A LISTED GRADE II PROPERTY / MID-18TH CENTURY. PRE- PLANNING APPLICATION.**  
Client: Private Developer. £3 Millions.  
PROJECT ARCHITECT  
London Housing / Feasibility / Kick off drawings / Hand Sketches / Site Analysis / Planning Consultant / Heritage Consultant / CAD / Sketchup / V-Ray / Photoshop / Site visit / Site Measurement /



UNITED KINGDOM. WEST MIDLANDS.

2016/2017

- **Sherford House. Sherford Street. Bromyard. Herefordshire. LISTED GRADE II COUNTRY HOUSE REFURBISHMENT. FESEABILITY.**  
Client: Private Owner  
On site survey / Measurements / Meeting with clients / CAD drawings /
- **Little Welland. Farm Barn. Malvern Hills Distric WR136 BN. PROPOSED CHANGE OF USE TO A DWELLING HOUSE. PLANNING APPLICATION.**  
Client: Private Owner. £300.000.  
Preliminary stage / Kick off drawings / Sketches / CAD / Sketchup / 3d Renders / VRay / Photoshop / Meeting with client / Power Point Presentations / Planning Application drawings / Structural engineer for planning application report /
- **Perrins House, Moorlands Rd, Malvern WR14 2TZ. LIFT EXTENSION. PLANNING.**  
On site survey / Measurements / Ecological Report / Meeting with clients / CAD drawings / Planning Application drawings /
- **25 Church Street Enfield LONDON EN2 6 AJ. 5 FLATS IN ENFIELD. PLANNING.**  
Client: Private Developer  
Preliminary stage / Kick off drawings / Sketches / CAD / Sketchup / Planning Application drawings /
- **Dan-y-Cefn. Manordeilo. Carmarthenshire. Wales SA 19 7BD. BARN CONVERSION & EXTENSION FOR A TETRAPLEGIC. TENDER. CONSTRUCTION. BUILT.**  
Client: Private Owner. £300.000.  
Project Architect / Tender drawings / REVIT / CAD / Improvement of the original planning permission design / Construction drawings / Construction Details / Liaise with structural engineer / Liaise with M&E / Liaise with window manufacturers / Joinery / On site surveys / On site meeting with client and contractor / Interior design / Sketches / Sketchup / 3d Renders / V-Ray / Photoshop / Video / Landscaping / Managing with contractor and building material manufacturers / Especial needs building materials, low threshold doors, automatic windows systems, automatic curtains / Psychology involved in treating with people with disabilities / Construction managing / Interior design follow up on site / Meeting with client / On site meetings / Landscaping / Time program /



CGI. V-RAY



SITE VISIT

SINGAPORE. SOUTH EAST ASIA.

2012/2015

HB DESIGN. <http://hbdesign.biz/>

● OFFICE AWARDS / ETHOS /

HB DESIGN based in Singapore, with three more offices, Bangkok, Phuket (Thailand) and Jakarta Indonesia).

HB Design was founded by HANS BROUWER in Hong Kong in 1995 following a distinguished career working for the internationally renowned firm of **SIR NORMAN FOSTER AND PARTNERS**. In the ensuing 20 years the practice has grown to have offices in Singapore, Bangkok and Phuket and now employs more than 50 full time staff. The firm has a diverse and award winning portfolio that spans high rise residential, commercial and mixed use projects with many projects exceeding 2 million square feet built up area.

"HB Design's influence has spread throughout Asia with projects in China, Hong Kong, India, Malaysia, Singapore, Thailand and Vietnam as well as further afield in the Middle East, Mongolia, Spain and the United States.

Their portfolio of work displays a consistent output of finely crafted buildings with a high degree of sophistication. The hallmark of the work is a clean contemporary expression that responds creatively to the unique requirements of each project.

Notable amongst these is the 72 floors River Development which comprises more than 2 million sqft of residential real estate in one of Thailand's tallest inner city developments and was awarded the Best Condominium Development in South East Asia in the 2012 South East Asia Property Awards. HB Design also maintains a site based presence in India to ensure that their exact design and construction standards are realized in the execution of their numerous and geographically diverse projects throughout the sub-continent."

● INDIA

- **Marvel Izara. Pune. 23,485 sqm RESIDENTIAL PARKING. UNDER CONSTRUCTION.**  
Client: Marvel Developers.
- **Marvel Ashoka. Pune. 12 FLOORS CONDOMINIUMS. CLUB HOUSE AND FACILITIES. UNDER CONSTRUCTION**  
Client: Marvel Developers.
- **Marvel Aquanas Club House. Pune. RESIDENTIAL CLUB HOUSE. UNDER CONSTRUCTION.**  
Client: Marvel Developers.
- **MARVEL STELLA. Pune. RESIDENTIAL. UNDER CONSTRUCTION.**  
Client: Marvel Developers.
- **DIPLI Master plan. Pune. 14 RESIDENTIAL TOWERS 22 FLOORS / PARKING / CLUBHOUSE. DESIGN DEVELOPMENT.**  
Client: DIPLI

SINGAPORE. SOUTH EAST ASIA.

2012/2015

- **HDC Kona. Howrah. Kolkata.** MEDIUM RISE LOW BUDGET MASTER PLAN. UNDER CONSTRUCTION.  
Client: TATA Housing.
- **TATA Sect. 113 Gurgaon.** RESIDENTIAL TOWERS & CLUB HOUSE. UNDER CONSTRUCTION.  
Client: TATA Housing.
- **Rio de Goa. Sancoale.** MID-RISE RESIDENTIAL. DESIGN DEVELOPMENT. BUILT.  
Client: TATA Housing.
- **Byculla Mills. Mumbai.** RESIDENTIAL HIGH RISE. UNDER CONSTRUCTION.  
Client: Private.
- **ORL Borivali. Mumbai.** HIGH RISE RESIDENTIAL. DESIGN DEVELOPMENT.  
Client: ORL.
- **Kalpaturu Bayer. Mumbai.** HIGH RISE. DESIGN DEVELOPMENT.  
Client: Bayer.
- **INDONESIA**
- **Kemayoran. Jakarta.** HIGH RISE MIXED USE TOWERS. RESIDENTIAL, HOTEL, RETAIL, PARKING. COMPETITION.
- **SLIPI. Jakarta.** HIGH RISE MIXED USE TOWERS. RESIDENTIAL, HOTEL, RETAIL, PARKING.  
Client: Private.
- **Grand HYATT Lido Lakes. Bogor.** CONVENTION & RESORT HOTEL BOGOR INDONESIA. COMPETITION.  
Client: Hyatt Hotels.
- **Sayana City. Jakarta.** MASTER PLAN. RESIDENTIAL, HIGH RISE, SHOP HOUSES, OFFICES, RETAIL.  
Client: Private.
- **Sukolilo .Surabaya.** MASTER PLAN. RESIDENTIAL, HIGH RISE, SHOP HOUSES, OFFICES, RETAIL.
- **KUWAIT**
- **AL RIGGAE.** HIGH END HIGHRISE RESIDENTIAL DEVELOPMENT.
- **CHINA**
- **Futian Foreign Language High School. Shenzhen.** HIGH SCHOOL. COMPETITION.
- **VIETNAM**
- **44 Tran Phun. Ha Trang.** MIXED USE HOTEL + RETAIL.  
Client: Private.
- **BILLION BRICKS .NGO.** <http://billionbricks.org/>
- **SMILE VILLAGE COMMUNITY CENTRE.** PHNOM PENH, CAMBODIA. VOLUNTEER.

MADRID. SPAIN.

2004/2010

● **XM Arquitectos.**

Ángel Ximenez de Embún y Pedro Pérez Masa Architecture Office.  
Both began his career working for **ALBERTO CAMPO BAEZA**.  
Ángel Ximenez de Embún possesses an experience of approximately 30 years of career.

From early stages to detailing. Part time while studying.

- On site experience / Site surveys / Tender / Construction details / Madrid historical housing / Listed buildings / Recognition and diagnosis of pathologies / Repair / M&E / Quantity Surveyor reports / Refurbishment / Renovation / Structural Engineering / Interior design / Offices / High End Private Houses / Competitions / Housing /

● **CORESAL. Conservación y restauración de monumentos.**

Restorations of monuments and historical buildings. Part time while studying.

Restoration of monuments / Administrative jobs /  
Photographic management pre-and post-restoration /

2003

● **DRAGADOS S.A.**

DRAGADOS S.A. is an interantional construction company originally from Spain. Its works spans from civil engineering to buildings of all sorts of sizes and uses all over the world.

Scholarship holder for a job at a construction site office. for residential in Pinar de Chamartín and Somosierra (Madrid). Part time while studying.

- Checking reinforced concrete in foundations / Concrete slabs / Structures and walls / Residential / M&E / Site Management / Site Visit / Quantity Surveyor / Building Control /





Saint Christina's Preparatory School is an Independent Catholic Day School for ages 3-11 years and a foundation of the Handmaids of the Sacred Heart of Jesus, a Roman Catholic religious congregation and the Trustees of the School. The project is managed from very early stage with REVIT.

St Christina's Primary School are seeking to create improved facilities to support a move to a co-educational school. The proposals broadly involve:

- The reconfiguration of the main entrance.
- The relocation of the kitchen and alterations to the hall.
- An extension to the multi-purpose hall.
- The reconfiguration and extension to the early years' accommodation.
- The creation of four new classrooms at first and second floor level.
- The creation of new staff office space.

The project deals with complex spaces and its interaction trying to bring a common language to the extension which provides the experience of environmental awareness to the learning process. Implies numerous meetings and presentations with the client in order to understand and organize the construction system. The project is coordinated with BIM and aims to be ecological, introducing standarization and CLT timber which will allow faster and more efficient construction given the constraints of the plot.

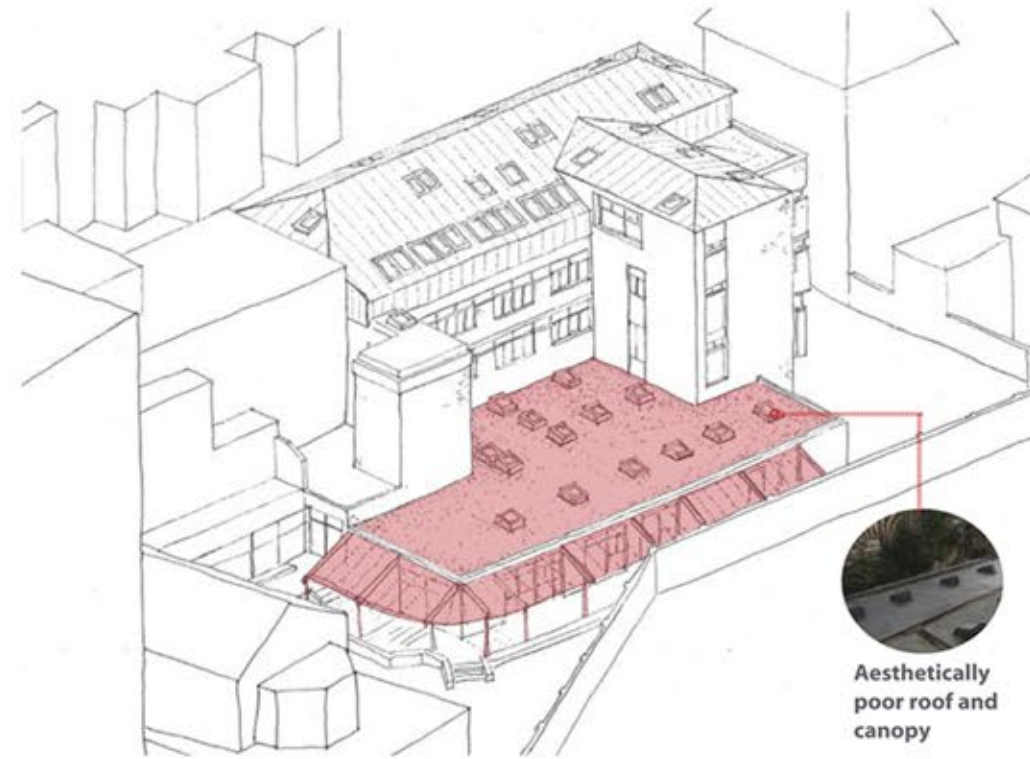


St Edmund's Terrace. School's front facade



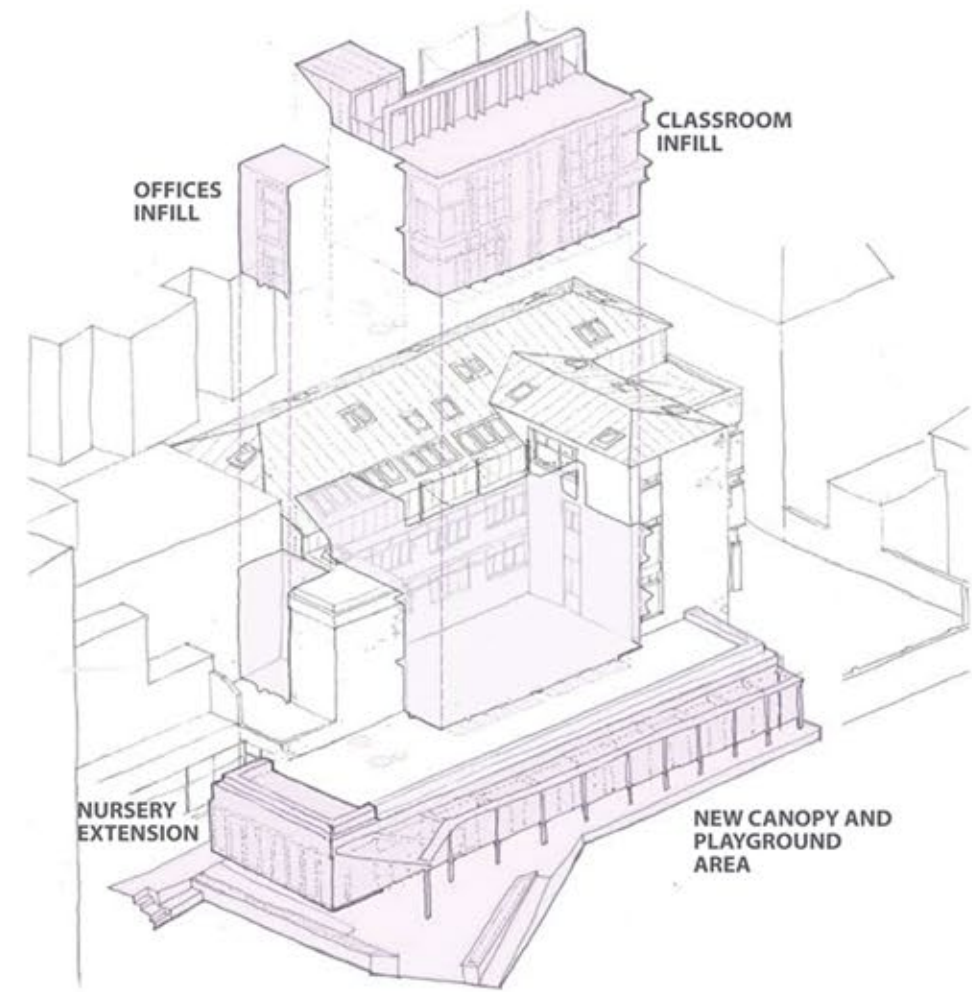
School's rear facade. Playground. Sixties building with a contemporary extension on top

INFILL EXTENSION AND OUTDOOR LEARNING SPACES. CONCEPT SKETCHES.



Aesthetically poor roof and canopy

AS EXISTING



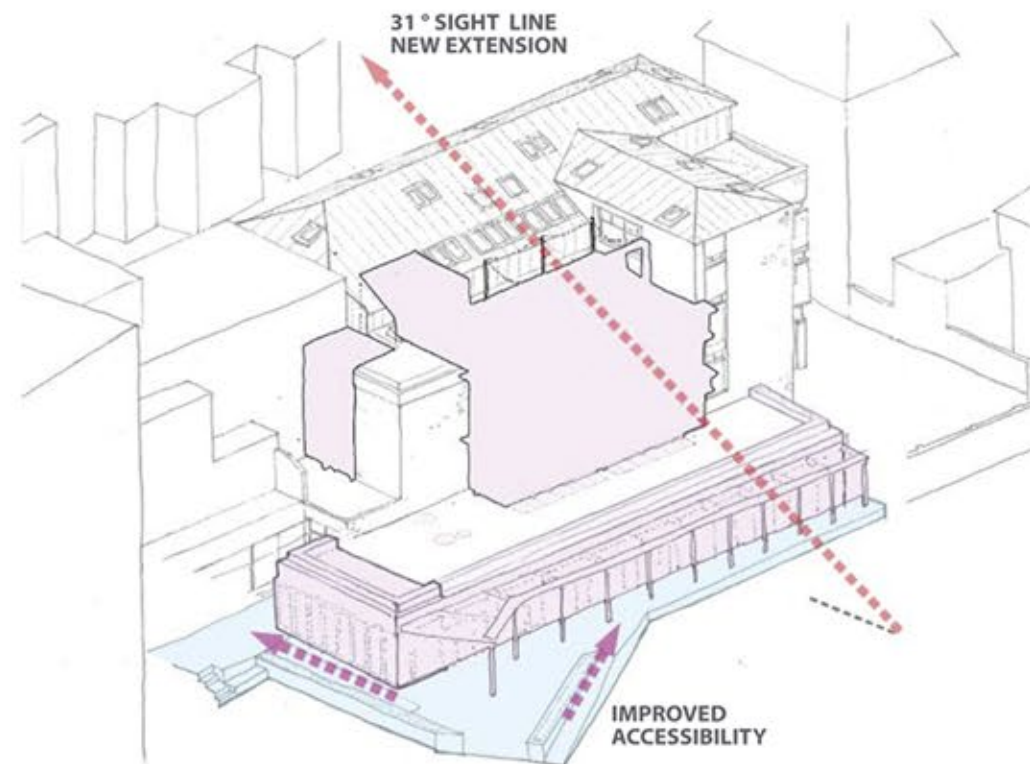
CLASSROOM INFILL

OFFICES INFILL

NURSERY EXTENSION

NEW CANOPY AND PLAYGROUND AREA

AS PROPOSED



31° SIGHT LINE NEW EXTENSION

IMPROVED ACCESSIBILITY

IMPROVED ACCESIBILITY

PLANTING & LANDSCAPING VIEWS INCORPORATED TO THE VICINITY



SEDUM ROOF

GREEN ROOF. OUTDOOR LEARNING

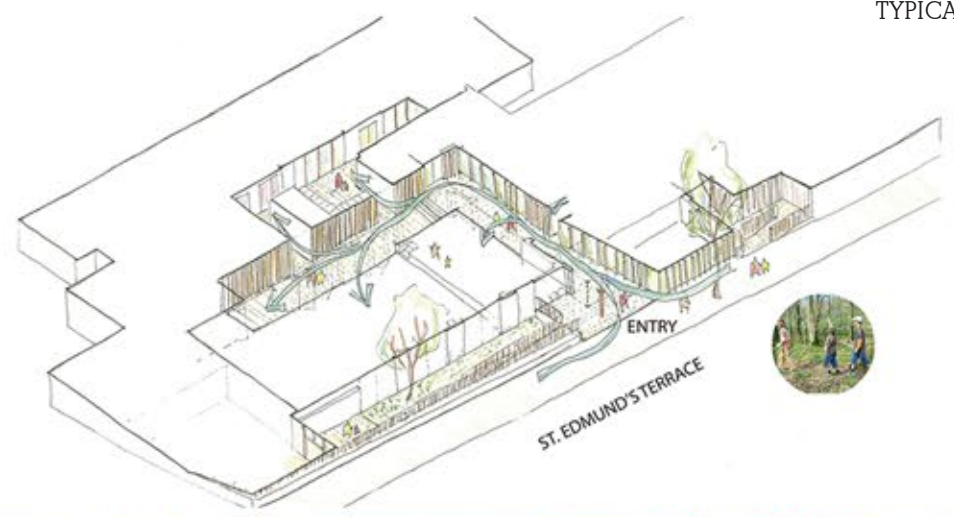




GROUND FLOOR PLAN



TYPICAL FLOOR PLAN



CONCEPT SKETCH



GROUND FLOOR - REVIT MODEL



SECOND FLOOR - REVIT MODEL



FIRST FLOOR - REVIT MODEL



INFILL EXTENSION - REVIT MODEL

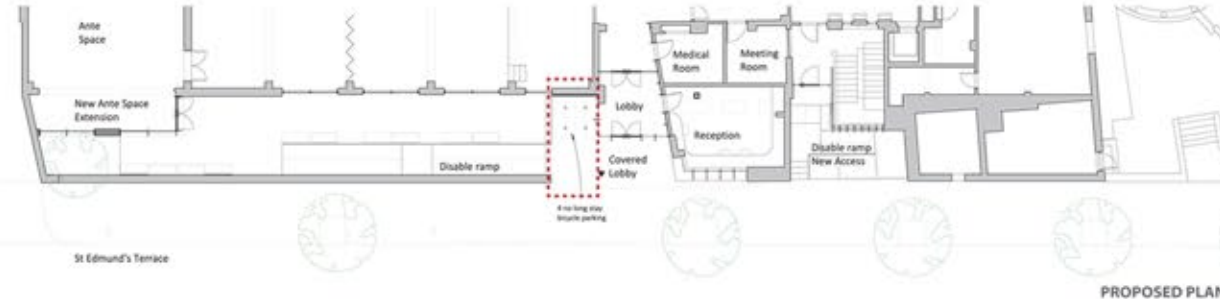


INTERIOR VIEW





APPROVED SECTION. DESIGN RESPONSE AFTER REFUSAL



ST EDMUND'S FACADE. DESIGN RESPONSE. EXTRACT FROM DESIGN AND ACCESS STATEMENT



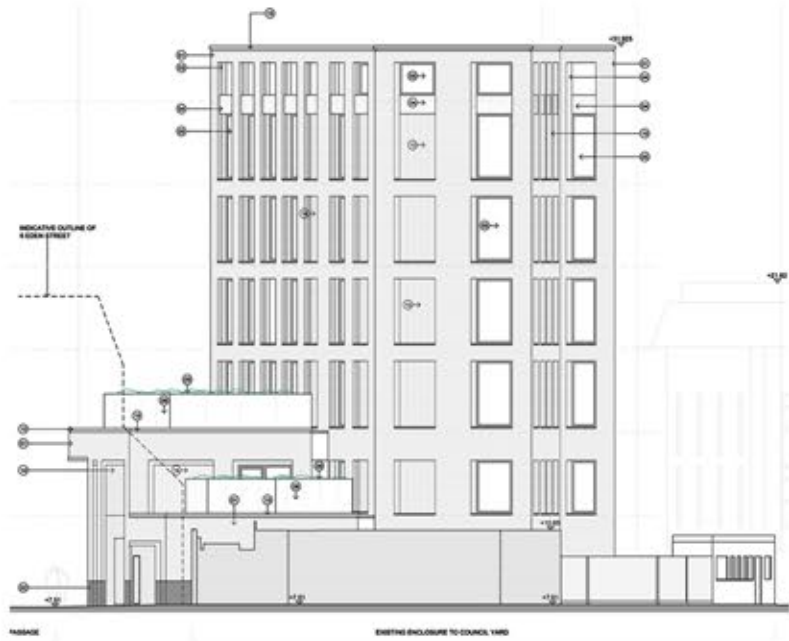
FACADE STUDIES



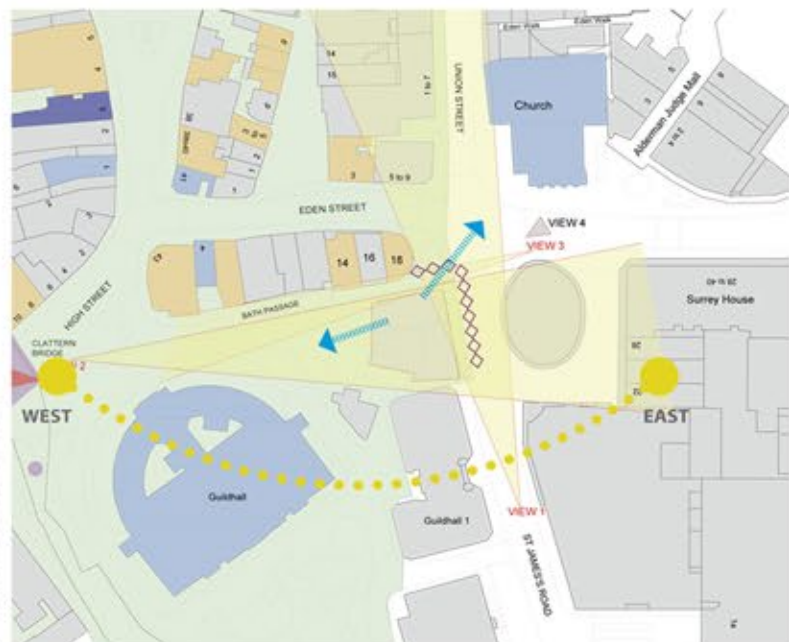




GUILDHALL ELEVATION. After Design Review Panel



BATH PASSAGE ELEVATION. After Design Review Panel



SITE ANALYSIS. Design & Access Statement

The application site is located in the London Borough of Kingston upon Thames, on the western side of St James' Road, in proximity to the junction with Eden Street.

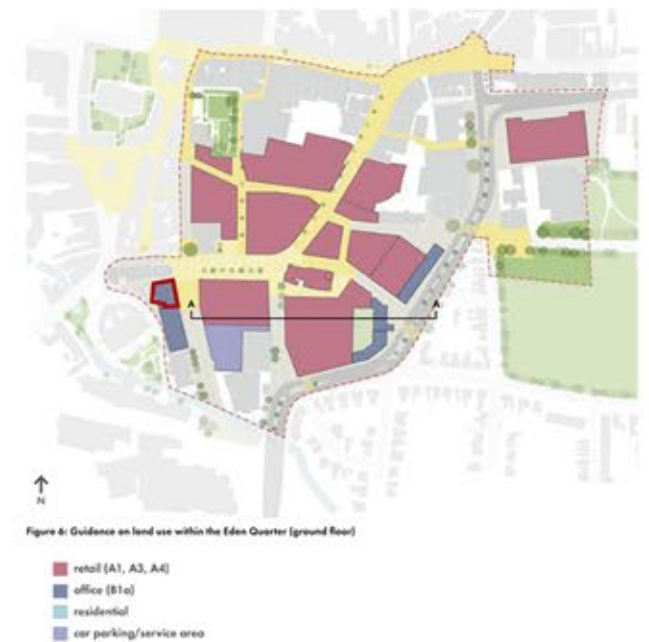
The site falls within the Kingston Old Town Conservation Area; however none of the subject buildings are statutorily listed.

The surrounding area includes a range of architectural styles and building scales and listed buildings. Long planning process regarding the historical surroundings.

The building studies the possibility of integrating the old into a modern office building.



GROUND FLOOR PLAN



SITE ANALYSIS. Design & Access Statement



CGI. Urban landscape integration studies

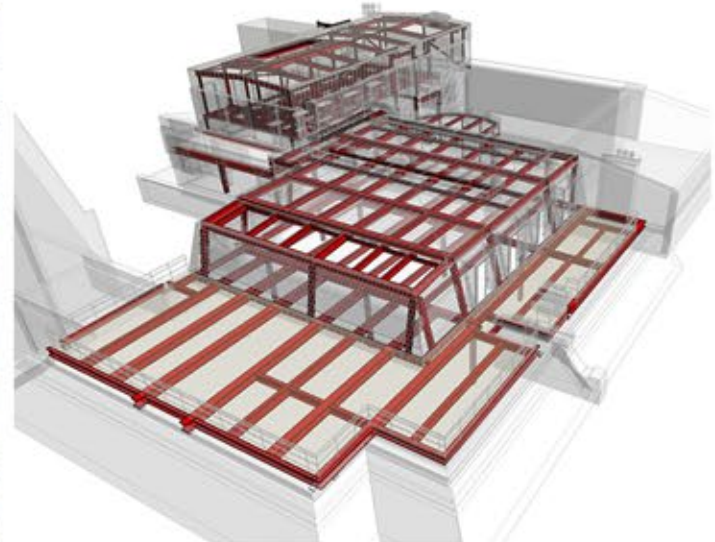
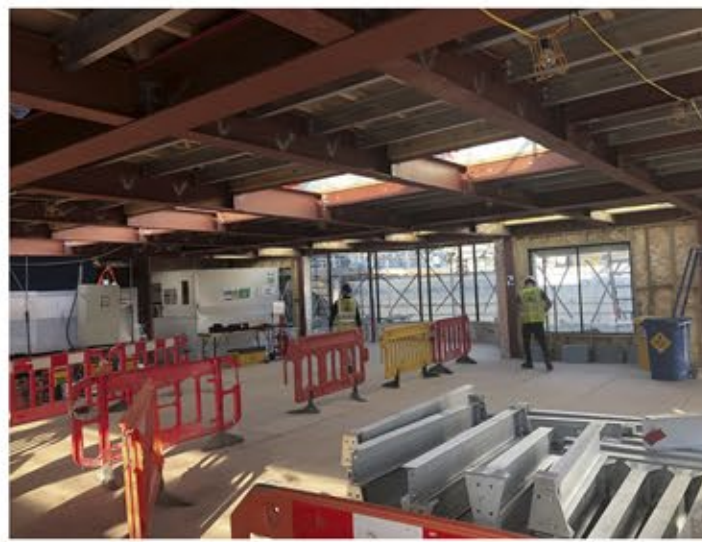


CGI. BRICK COLOUR STUDIES



CGI. BRICK COLOUR STUDIES





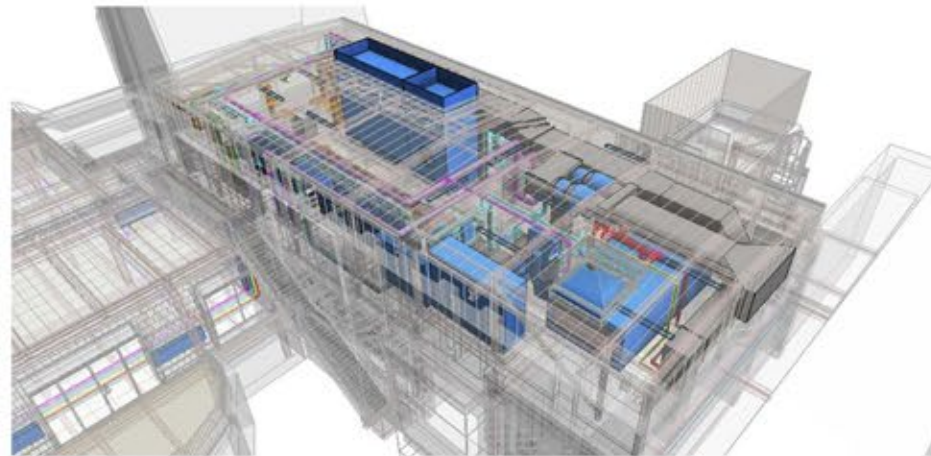
My role here was a Project Architect along with my director. Preparing the tender and assisting the construction phase with detailing. An existing plant room is moved to other place in the roof to allow the possibility of a new office. It's a listed building so it requires tight control of appearance and heights. Liaising closely with the M&E and Structural Engineer became crucial since the building needed to be running at the same time the construction happened. The whole project is designed and coordinated with BIM, structural engineering and fabrication were highly improved by this system, bear in mind the process of bringing all those beams through the center of London. The existing plant room is moved and the space is converted in a modern office at the heart of London. Medius House is a listed building and involves a sophisticated process to grant planning permission. The works were entirely coordinated working with Revit. Cat A office columnless space is achieved.

SITE VISIT PHOTOGRAPHS. Columnless space

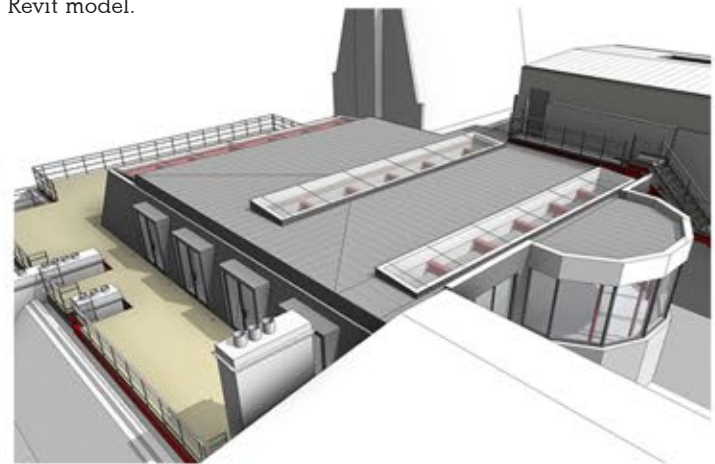
STRUCTURE. Columnless space resting on existing buildings. From Revit model.



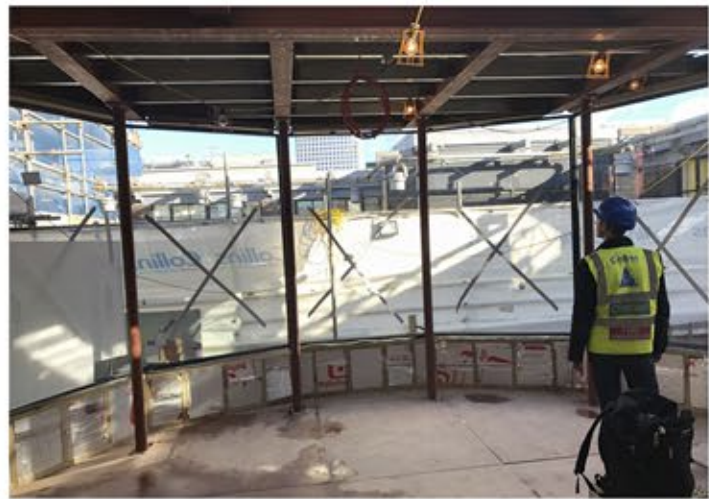
MANSARD 3D DETAIL



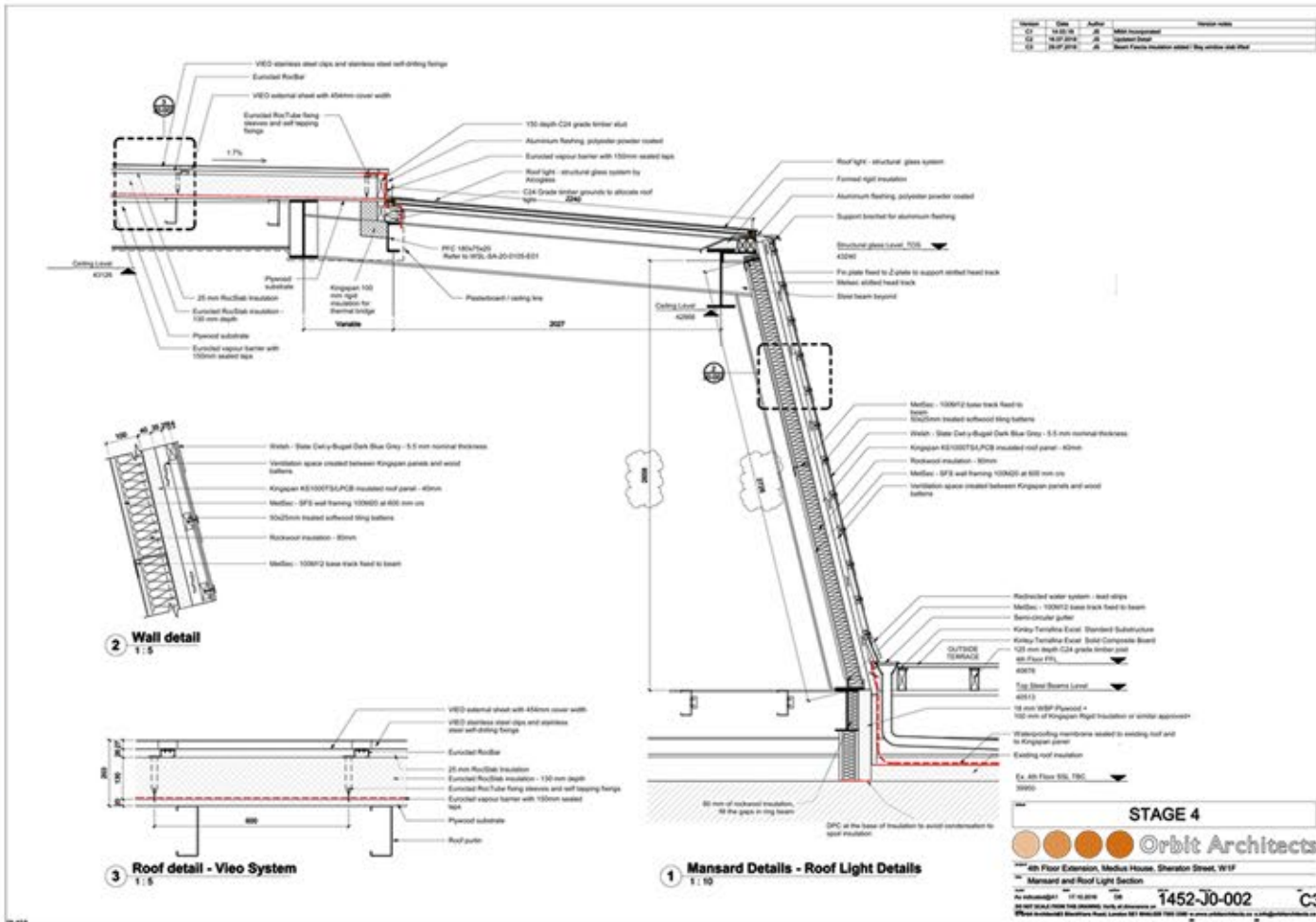
AERIAL VIEW OF THE PLANT ROOM. M&E coordination with REVIT model



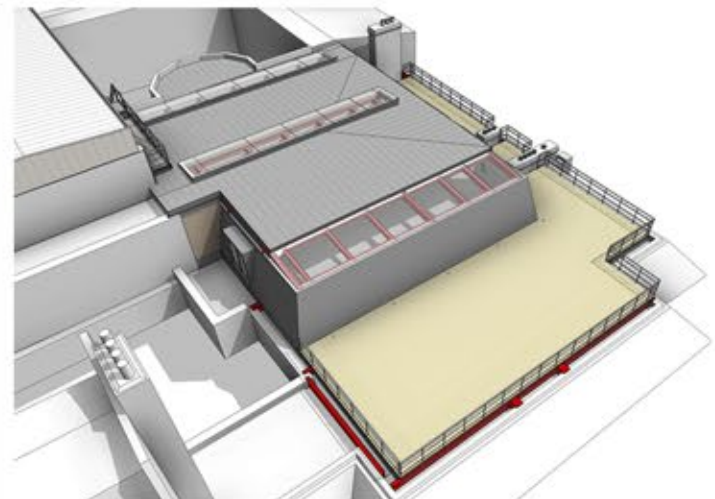
AERIAL VIEW OF THE TERRACE. BAY WINDOW. From Revit model



BAY WINDOW. Under construction.



ROOF LIGHT DETAIL. From REVIT model



AERIAL VIEW OF THE TERRACE. From REVIT model



VIEW OF SOHO. Completed



AERIAL VIEW OF THE TERRACE. From REVIT model



Housing development for Apartments for London and TFL with CIMC Sea Containers modules.

This containers allow affordable houses to be created since they save up to 20 per cent during the construction phase.

Within the module constraint the development is able to create sense of city carving carefully the massing in order to respect the site context.

The lower levels of the scheme provide an opportunity to create individually - accessible 2 storey family homes with their own private gardens.



GROUND FLOOR DUPLEX UNIT. SKETCH

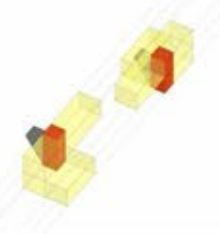
SPATIAL ARRANGEMENT



GENERAL SCHEME



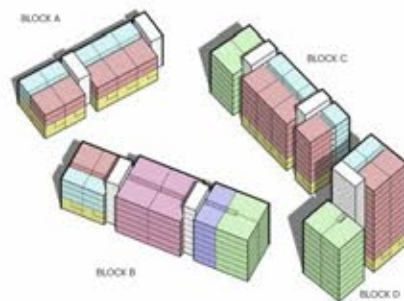
TWO DUPLEX UNITS LINKED TOGETHER



TWO DUPLEX UNITS



GROUND FLOOR STAIRS IN RED



MASSING. Extract from pre - planning application



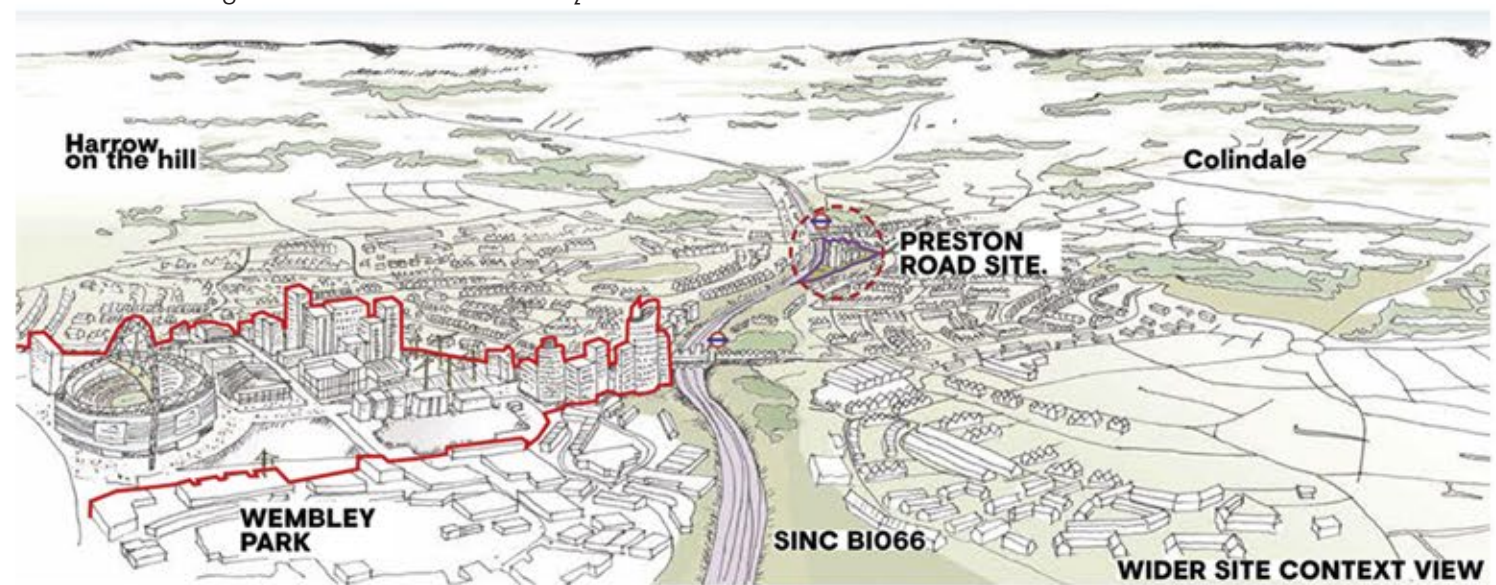
GROUND FLOOR MASTER PLAN



FIRST FLOOR. MASTER PLAN



FACADE STUDIES. CIMC sea containers are clad with brick. Within a frame of respect of the urban environment the facade design searches to create identity for the user



SITE CONTEXT. SKETCH.

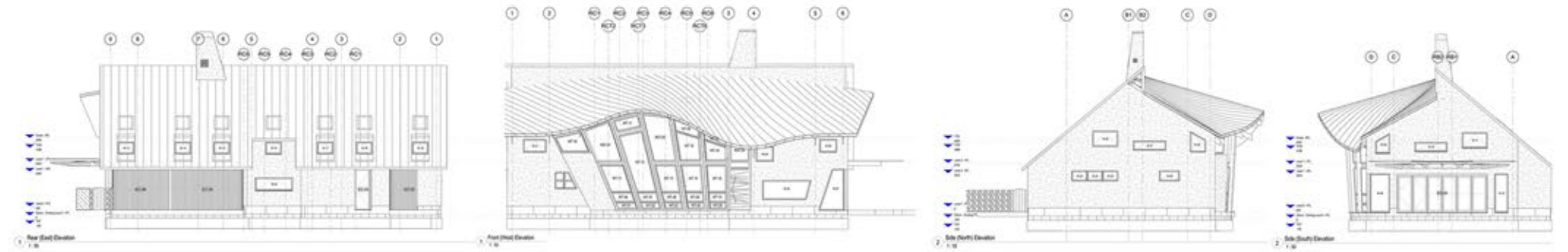


Carn Eithen is a high end vacation house in a National Park. According to planners the original volume of the existing house should be maintained.

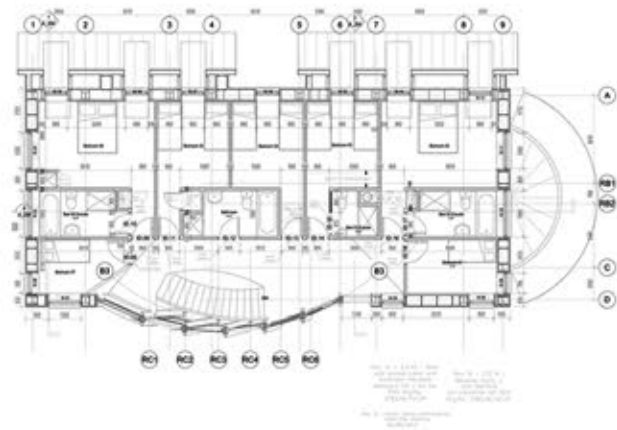
The house is a reinterpretation of the Welsh vernacular house with a contemporary organic design.

Despite this, the house uses the most advanced construction systems , such as a steel frame portal combined with I-Joist which allows total flexibility in the interior, triple glazed facade, sliding folding doors, bioclimatic insulation made of recycled paper, heat recovery sytem,underfloor heating, etc...

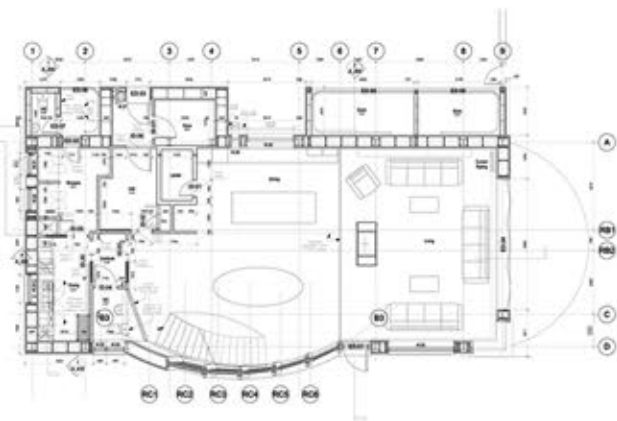
The curved roof dialogues with the surroundings and works at the various scales of the astonishing landscape.



ELEVATIONS. The whole project is generated in REVIT, this allows total control over the construction stage



FIRST FLOOR PLAN.From REVIT model



GROUND FLOOR PLAN.From REVIT model

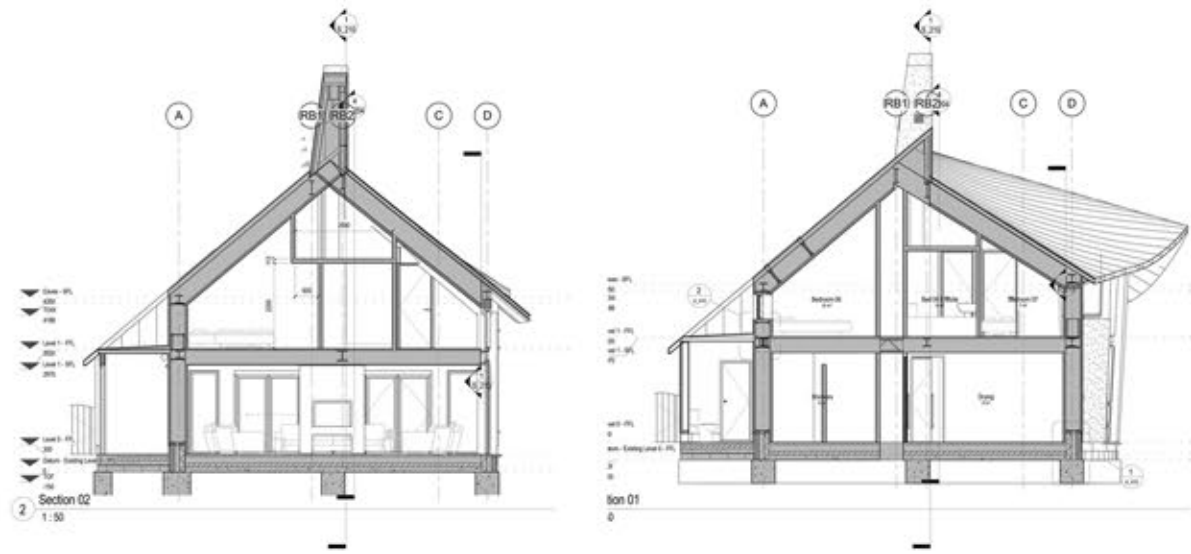


SITE PHOTOGRAPH. The wave like roof allows the second floor to have views over the landscape and dialogues with the coastline

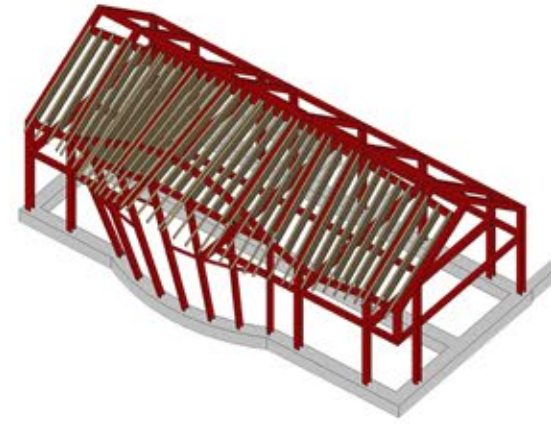


Architectonicus. Wales.

CURTAIN WALL DETAIL. Traditional Welsh White Render Wall. Double Height Curtain Wall. Stainsteel Casings. Slate Cladding. Traditional Welsh Stone and Turf Wall. Glass Stair

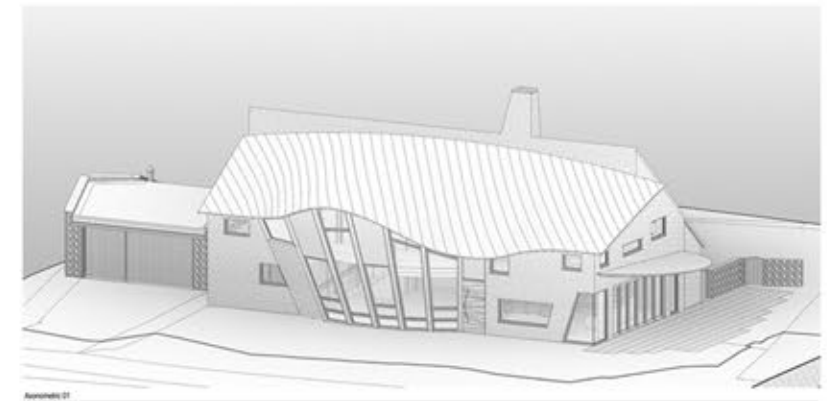


CROSS SECTIONS.

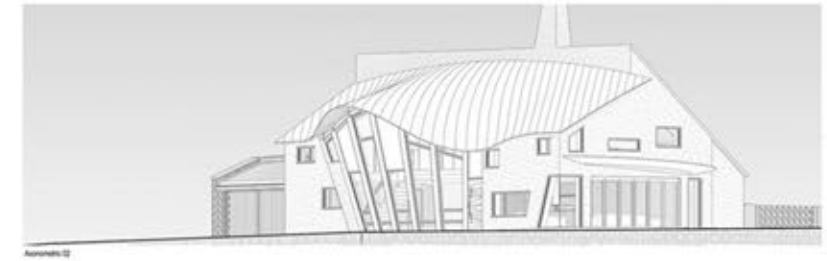


REVIT GENERATED SECTIONS. STRUCTURE.

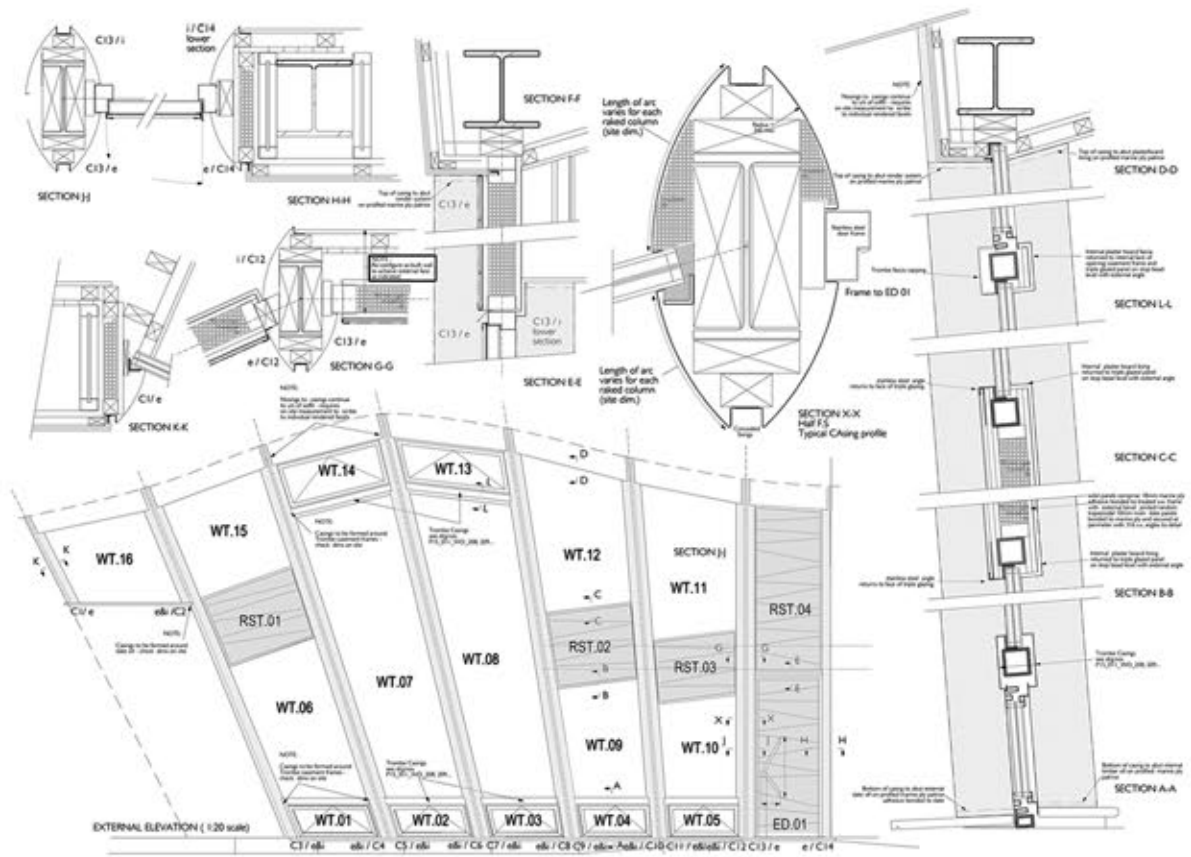
The portal frame allows a columnless space for the ground floor. I-Joists permit M&E to flow perfectly within the requirements of modern living standards



AXONOMETRY. REVIT Model



VIEW. REVIT Model



PHOTOGRAPHS OF THE CONSTRUCTION PROCESS



Because our environments use carefully segmented open plan arrangements, individuals can make informed choices as to how they navigate the space, this is especially useful to those living with learning difficulties, autism, or dementia, as it gives people direct sensory control of their journeys, and therefore their experience in that home space - avoiding crisis and encouraging natural selection of positive daily activities.

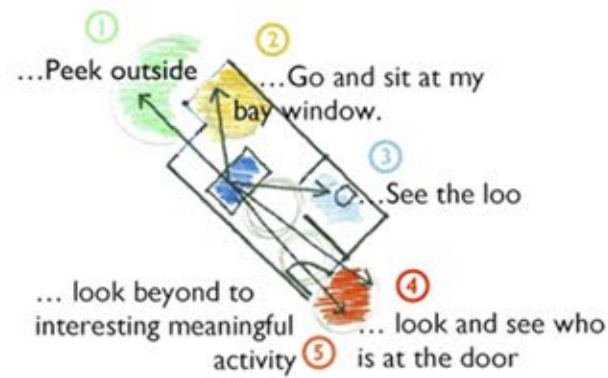
Through integrating the out-doors with living spaces we can improve engagement with nature and out-door activity, while maintaining passive security - minimising staffing levels while enhancing the freedom of individuals in care.

Each domestic scale activity / living cluster can be fully customised to your need, and allows the absolute minimum staffing relative to your care model. This is because the entire cluster can be passively secured from a single carer / nursing station - meaning care can be swiftly delivered where and when needed, without a sense of 'keeping an eye' on people using that environment.

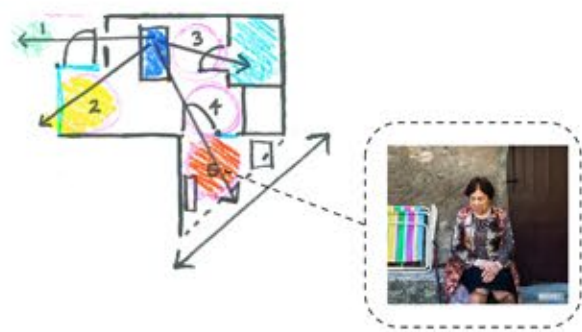
It also encourages and eases staff team working - no-one is ever alone, down a distant corridor where support is not near at hand. All this creates a sense of community care within the cluster, that supports self care, working together for a better quality of life.

Where the environment is residential, personalised internal and external spaces outside the entryways to rooms or flats , create a graduated journey into the surrounding activity / outdoor spaces. Giving safe time for decision making, or simply a place of your own, to be on the edge of activity, from where you can watch, enjoy or join in.

William McMorran \_ director at Architectonicus



THE ROOM. 5 POINTS MODEL. DIRECT VISUAL + SENSORY CUES



CONCEPT SKETCH. MEDITERRANEAN STREET

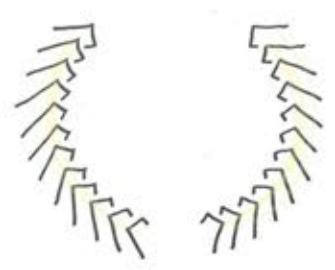


AXONOMETRIC RENDER VIEW. All the door are different to allow the resident to identify their room

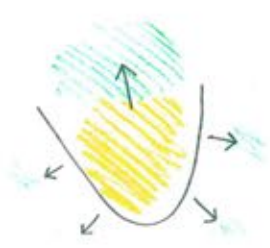


INTERIOR RENDER VIEW.Sketchup. V-Ray. Photoshop. All rooms look into the activity common areas which looks into a secured garden





CLUSTER HUG



LOOKING INSIDE AND OUTSIDE IMPROVES WELLBEING



DIFFERENT ROOM ARRANGEMENTS



LEGEND

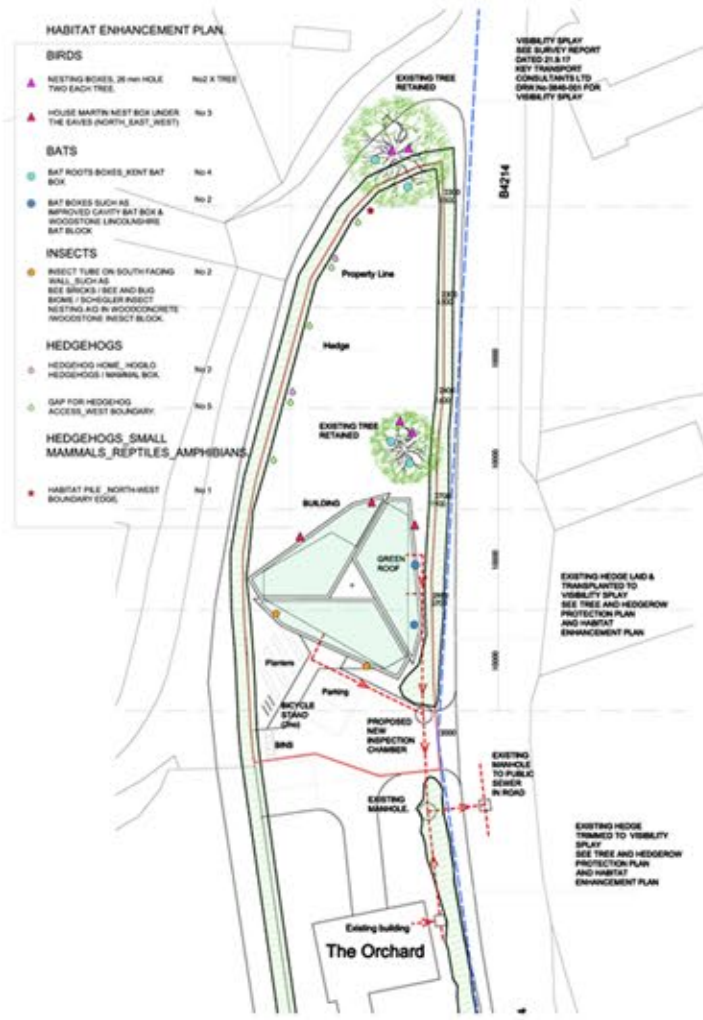
	STAIRS / LIFTS		INTERMEDIARY SPACES.		SERVICE CORRIDORS
	SERVICES		RESIDENTS PATHS.		OFFICES
	VISITORS TOILETS		SECURED INNER GARDEN		ENTRY / RECEPTION.

GROUND FLOOR PLAN. REVIT. Photoshop



RENDER VIEW. Sketchup. Photoshop. Activity Areas look into secured garden





SITE PLAN. HABITAT ENHANCEMENT PLAN

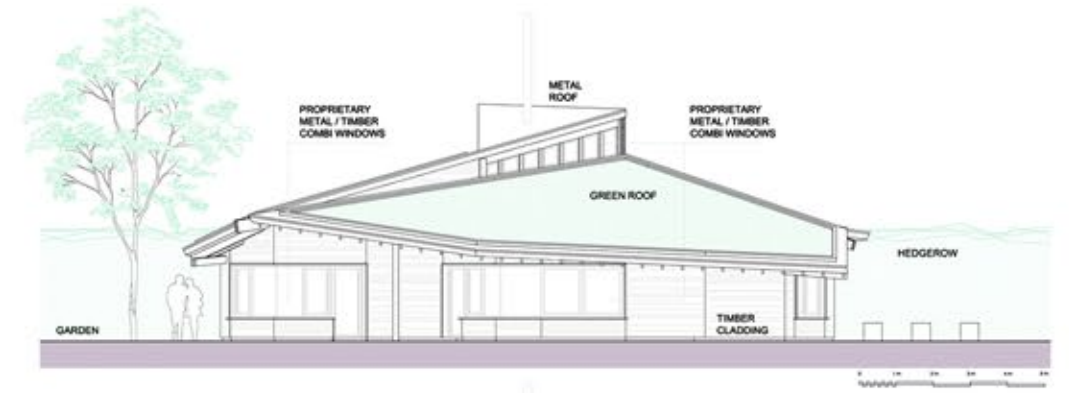
A single story house, central space organized among a two British traditional hedges. A habitat enhancement plan was required in order to protect and nurture the surroundings.

The house has the smallest footprint in order to blend into the existing Orchard. Three walls, three columns and three trusses organizes a central space with a rooflight in the middle.

The overlap between the different green roofs serves to bring light to the central space. The house is showered by light all along the day bringing awareness to the light and the pass of time.



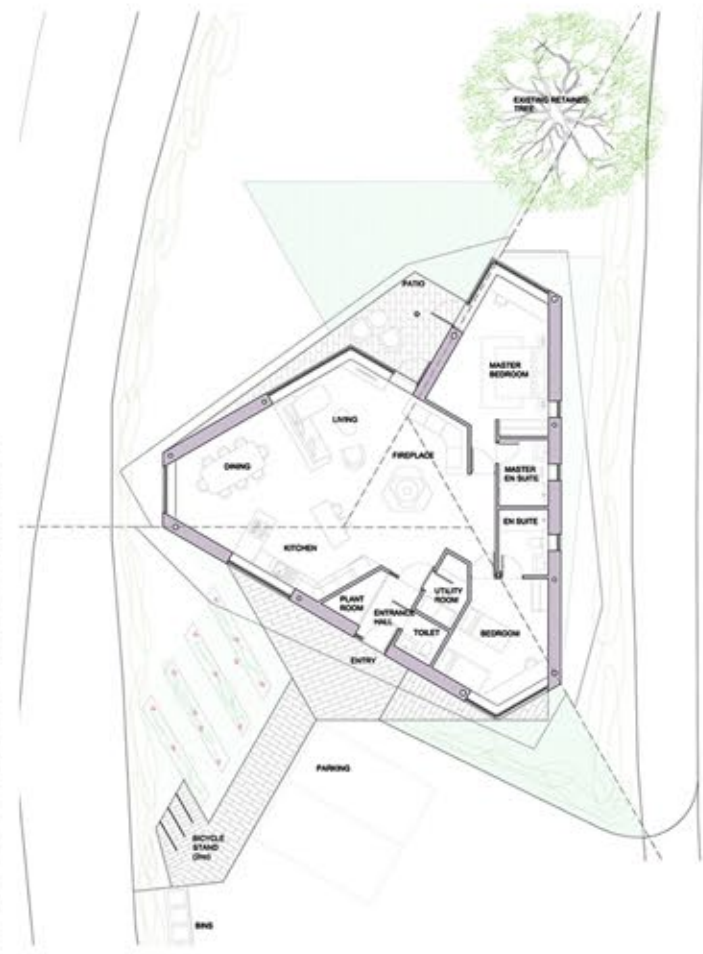
CROSS SECTION



SOUTH WEST ELEVATION



SOUTH ELEVATION



GROUND FLOOR PLAN. 3 COLUMNS

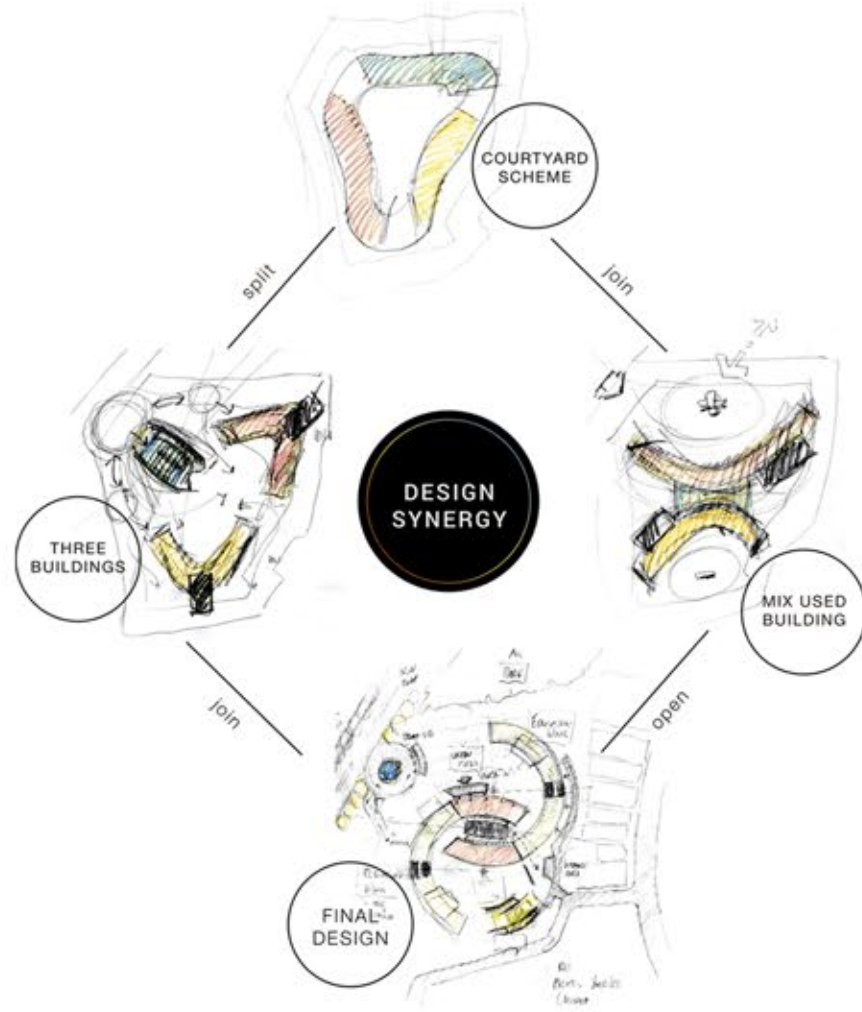


RENDER VIEW. Sketchup. V-Ray



RENDER VIEW. Sketchup. V-Ray





DESIGN SKETCHES CONCEPT



3D PRINTED. PHYSICAL MODEL



3D VIEW. Sketchup

I would like to imagine myself as a gardener.

"My topic is the shift from 'architect' to 'gardener', where 'architect' stands for 'someone who carries a full picture of the work before it is made', to 'gardener' standing for 'someone who plants seeds and waits to see exactly what will come up'. I will argue that today's composer are more frequently 'gardeners' than 'architects' and, further, that the 'composer as architect' metaphor was a transitory historical blip."

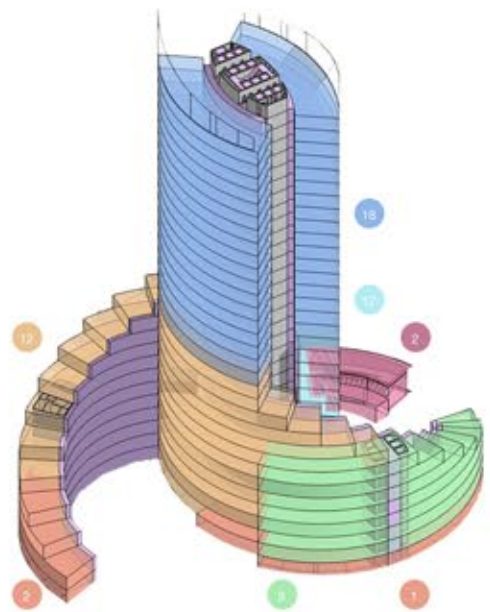
Brian Eno (Musician, composer, record producer, singer, and visual artist, known as one of the principal innovators of ambient music)

Let's try to make a contemporary shortcut and go to Wikipedia.

"Synergy, an abstract concept, is the combination of multiple ingredients producing a result greater than the simple arithmetic summation of the individual components. For example, flour, water, yeast, and heat yield bread."

We would like to imagine ourselves as gardeners of synergy.



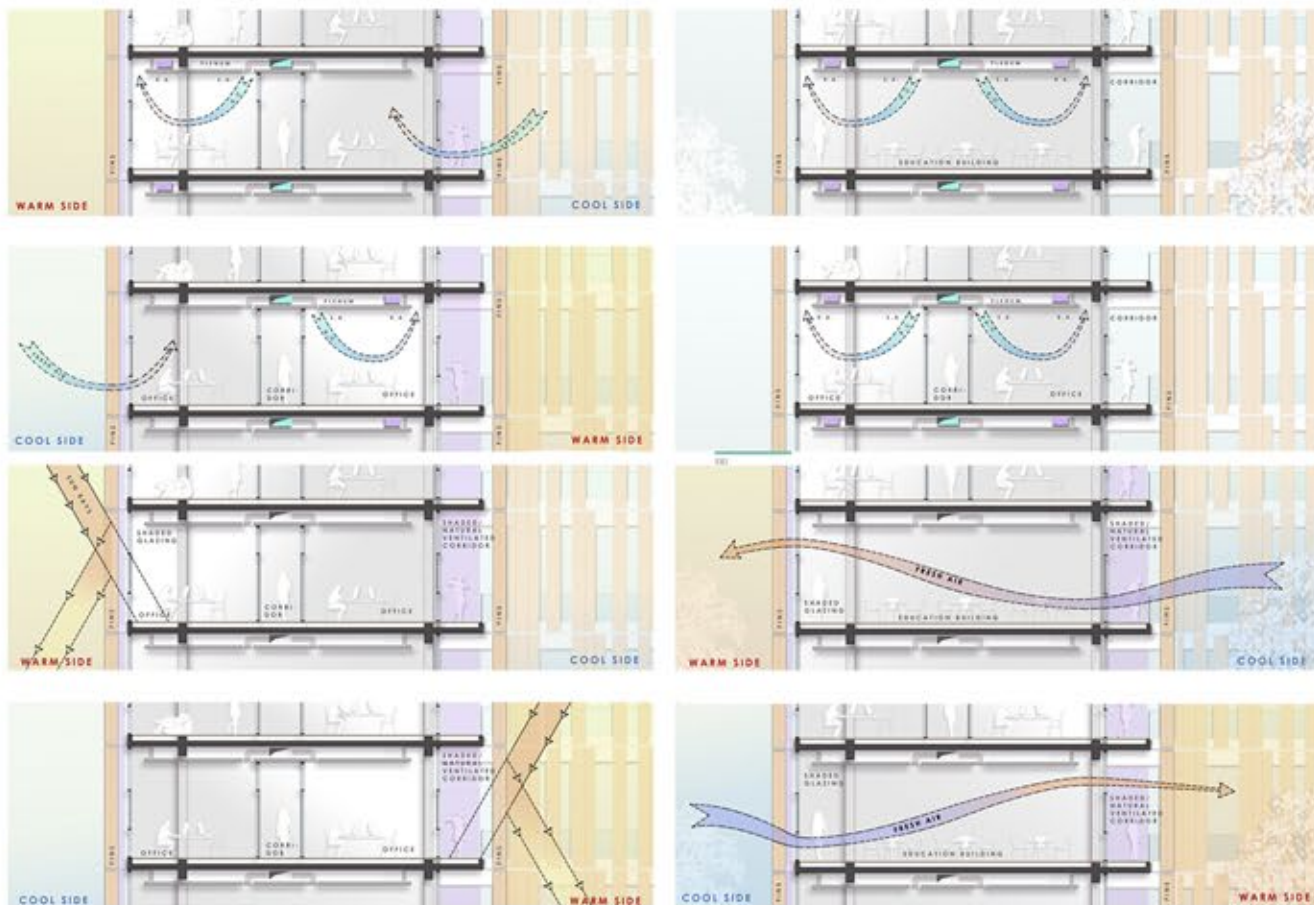


17.3%	1.0%	26.2%	37.9%	7.9%	9.7%
LIGHT INDUSTRY	THEATRE OF PERFORMANCE	EDUCATION	OFFICE	RESIDENTIAL	RETAIL
8,634 SQM / 100 SQM	200 SEATS / 7 SEATS	13,153 SQM / 200 SQM	19,019 SQM / 100 SQM	4,840 SQM / 40 SQM (each room)	3,936 SQM / 60 SQM
86 CARS	28 CARS	65 CARS	190 CARS	121 CARS	66 CARS

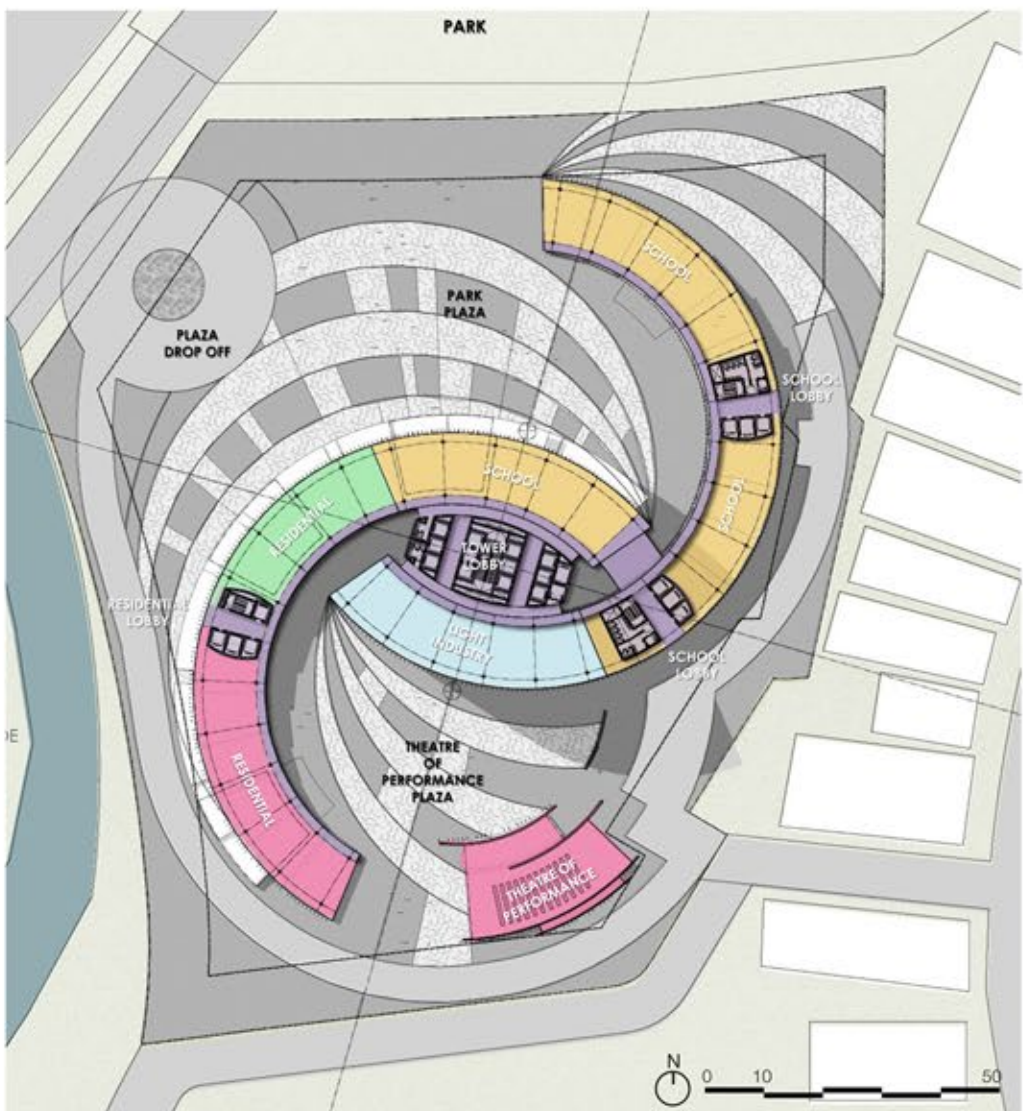
VERTICAL ZONING



SUN AND WIND DIAGRAMS



BIOCLIMATIC STRATEGIES. The circular form of the building allows one side to be shaded

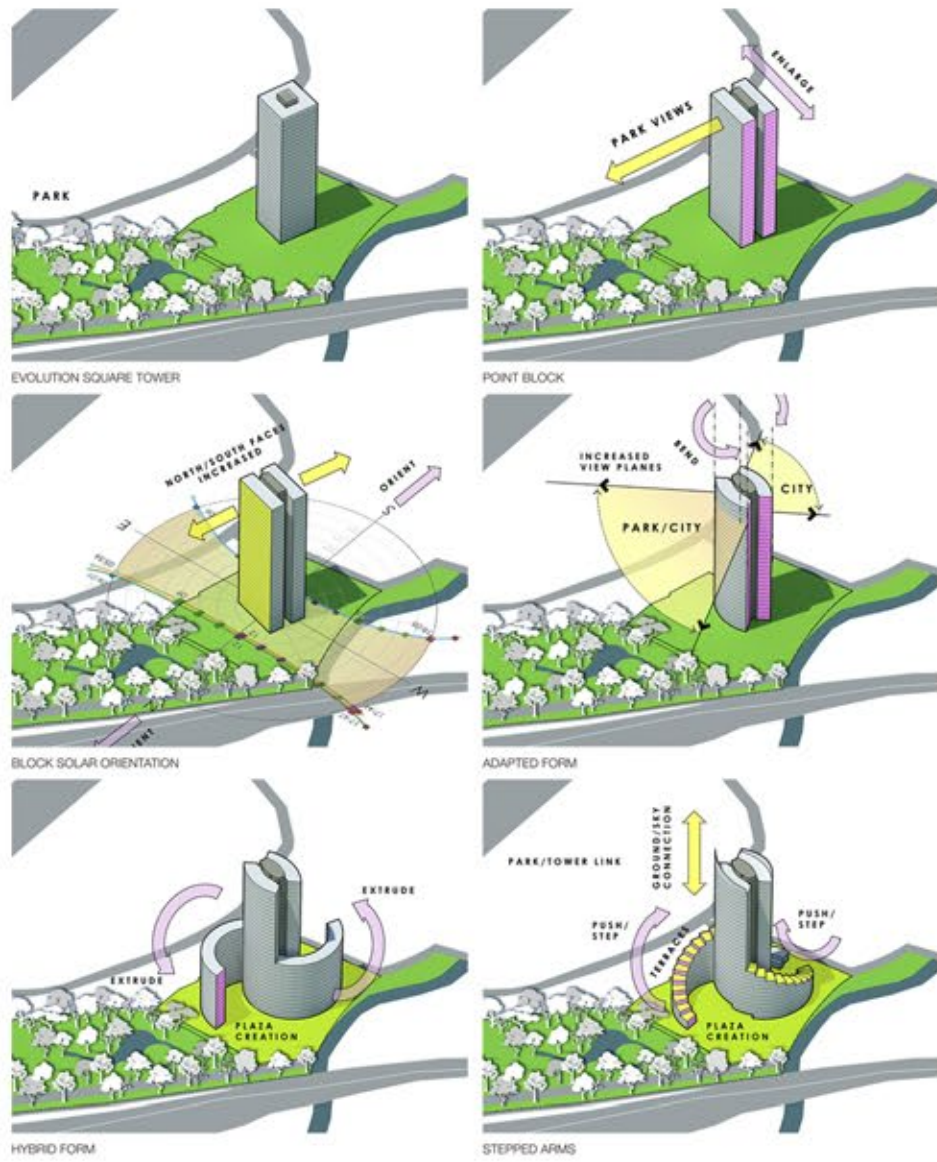


GROUND FLOOR PLAN



RENDER VIEW OF THE PLAZA. Sketchup. V-Ray





FORM GENERATION SCHEMES



AXONOMETRIC

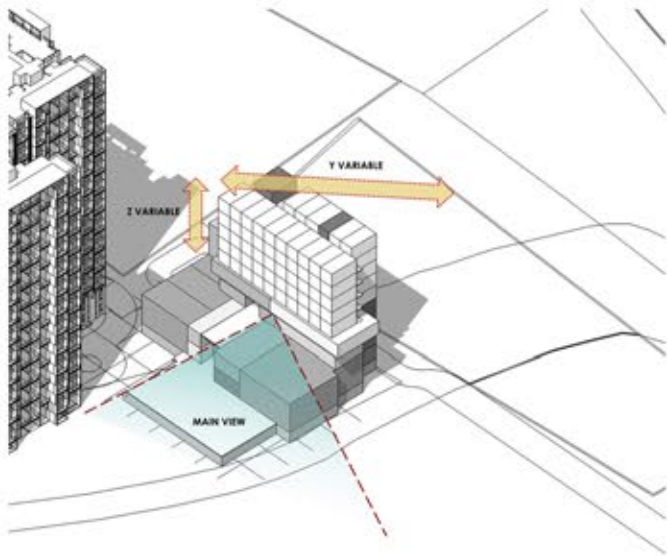


RENDER VIEW. Sketchup. V-Ray

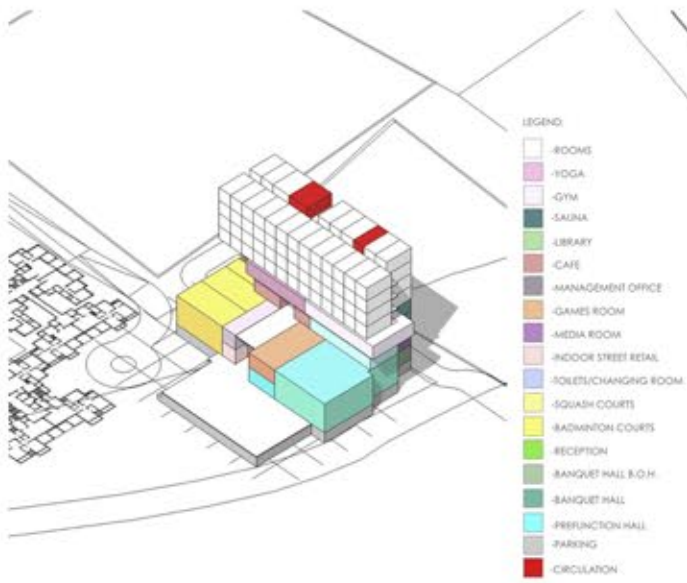




CLUBHOUSE RENDER VIEW. Sketchup. V-Ray



CLUBHOUSE SCHEME



CLUBHOUSE PROGRAM

- ROOMS
- VOIDA
- GYM
- SALINA
- LIBRARY
- CAFE
- MANAGEMENT OFFICE
- GAME ROOM
- MEIDA ROOM
- INDOOR STREET RETAIL
- TOILETS/CHANGING ROOM
- SQUASH COURTS
- BADMINTON COURTS
- RECEPTION
- BANQUET HALL B.O.H.
- BANQUET HALL
- PERFUNCTION HALL
- PARKING
- CIRCULATION



UPPER LEVEL	239.24 SM
CA	147.94 SM
TOTAL FSI	553.32 SM
TOTAL CA	428.88 SM

ROOMS	DIMENSIONS
PRIVATE LIFT LOBBY	7'3" X 7'1"
LOBBY	7'7" X 3'7"
FAMILY ROOM	13'1" X 15'1"
POWDER ROOM	7'3" X 4'11"
BEDROOM 3	14'5" X 16'5"
W.I.WARDRORE	7'3" X 5'7"
BATHROOM 3	9'6" X 6'7"
BEDROOM 4	14'9" X 14'5"
BATHROOM 4	5'11" X 9'2"
BEDROOM 5	14'9" X 13'1"
W.I.WARDRORE	4'3" X 8'10"
BATHROOM 5	8'2" X 10'2"

PENTHOUSE UNIT UPPER LEVEL FLOOR PLAN



LOWER LEVEL	314.08 SM
CA	280.94 SM
BALCONY	78.64 SM

ROOMS	DIMENSIONS
PRIVATE LIFT LOBBY	7'3" X 7'1"
LOBBY	7'7" X 3'7"
LIVING/DINING	36'9" X 19'8"
TERRACE DECK	36'8" X 19'4"
DRY KITCHEN	13'1" X 8'6"
KITCHEN	14'5" X 13'1"
YARD	6'7" X 13'1"
POWDER ROOM	7'3" X 4'11"
BEDROOM 1	14'5" X 16'5"
BALCONY 1	13'7" X 8"
W.I.WARDRORE	7'3" X 5'7"
BATHROOM 1	9'6" X 6'7"
BEDROOM 2	14'9" X 14'5"
BATHROOM 2	5'11" X 9'2"
MAID ROOM	8'2" X 8'8"
MAID TOILET	8'2" X 4'11"

PENTHOUSE UNIT LOWER LEVEL FLOOR PLAN

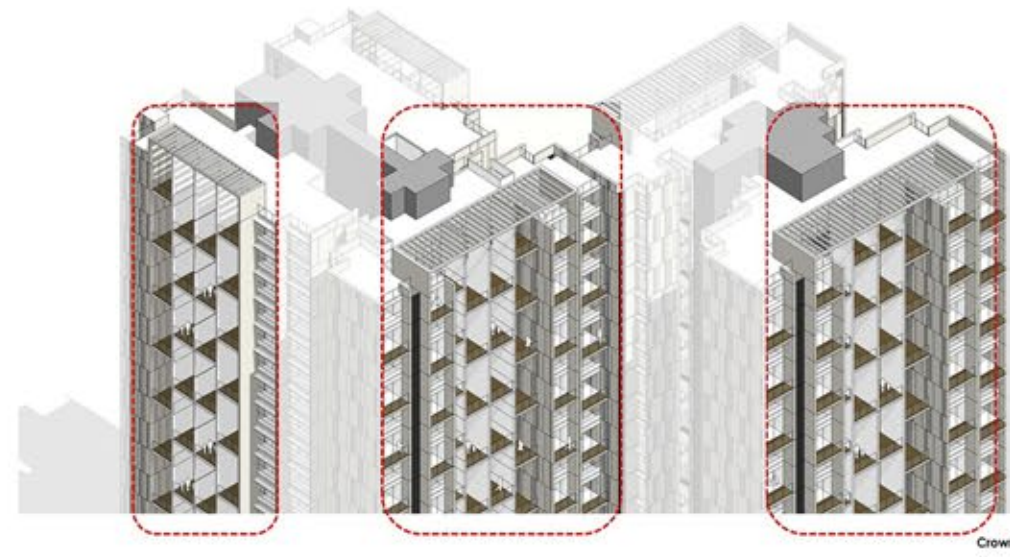


RENDER VIEW OF PREMIUM UNIT TERRACES. Sketchup. V-Ray





LANDSCAPING PROPOSAL



TERRACES STUDIES



BLADE WALLS DIAGRAM



CAR PARKING STUDIES



MASTERPLAN PHASING



RENDER VIEW. Sketchup. V-Ray

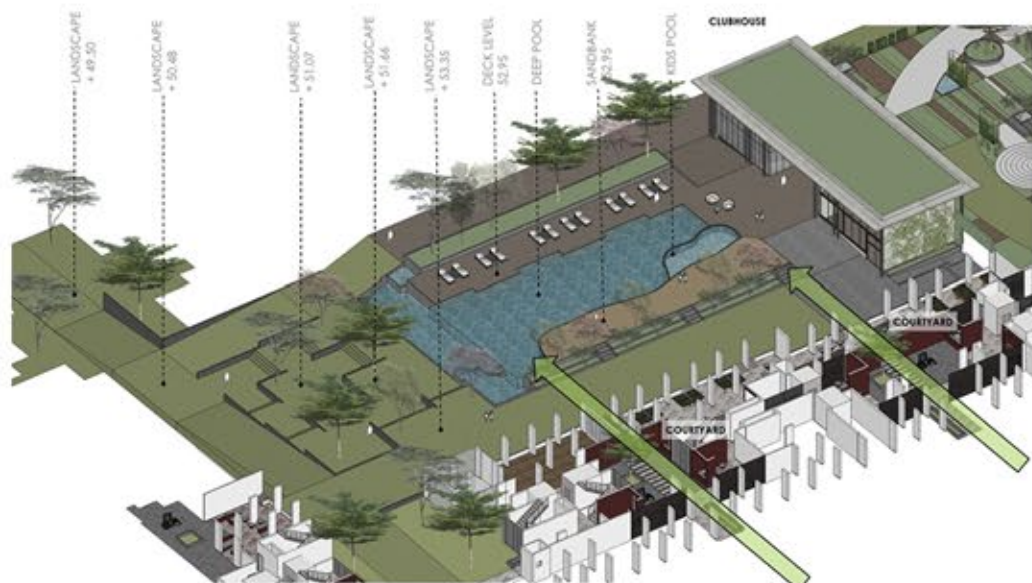




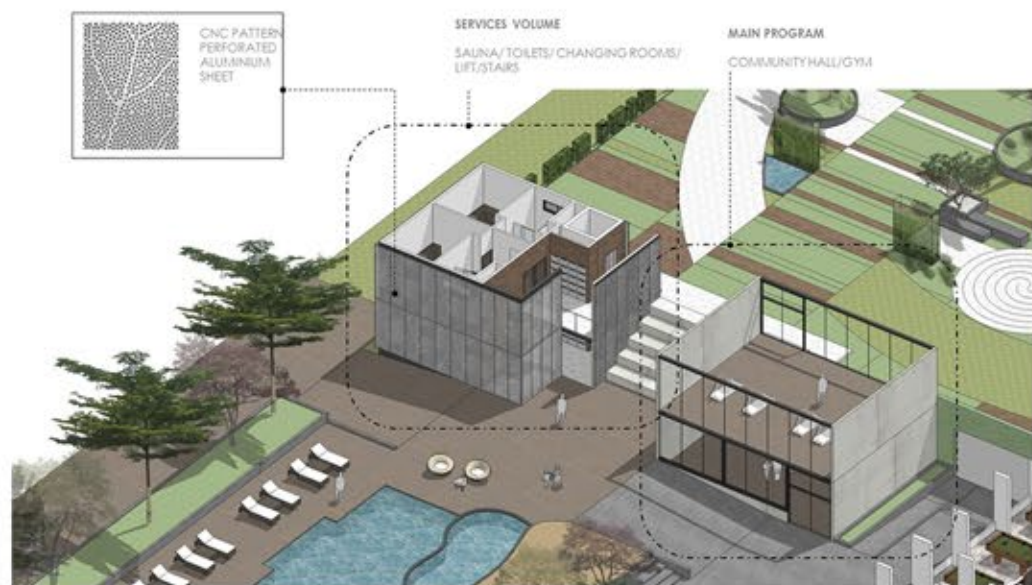
AS BUILT



TYPICAL FLOOR PLAN



ACCESS TO LANDSCAPE

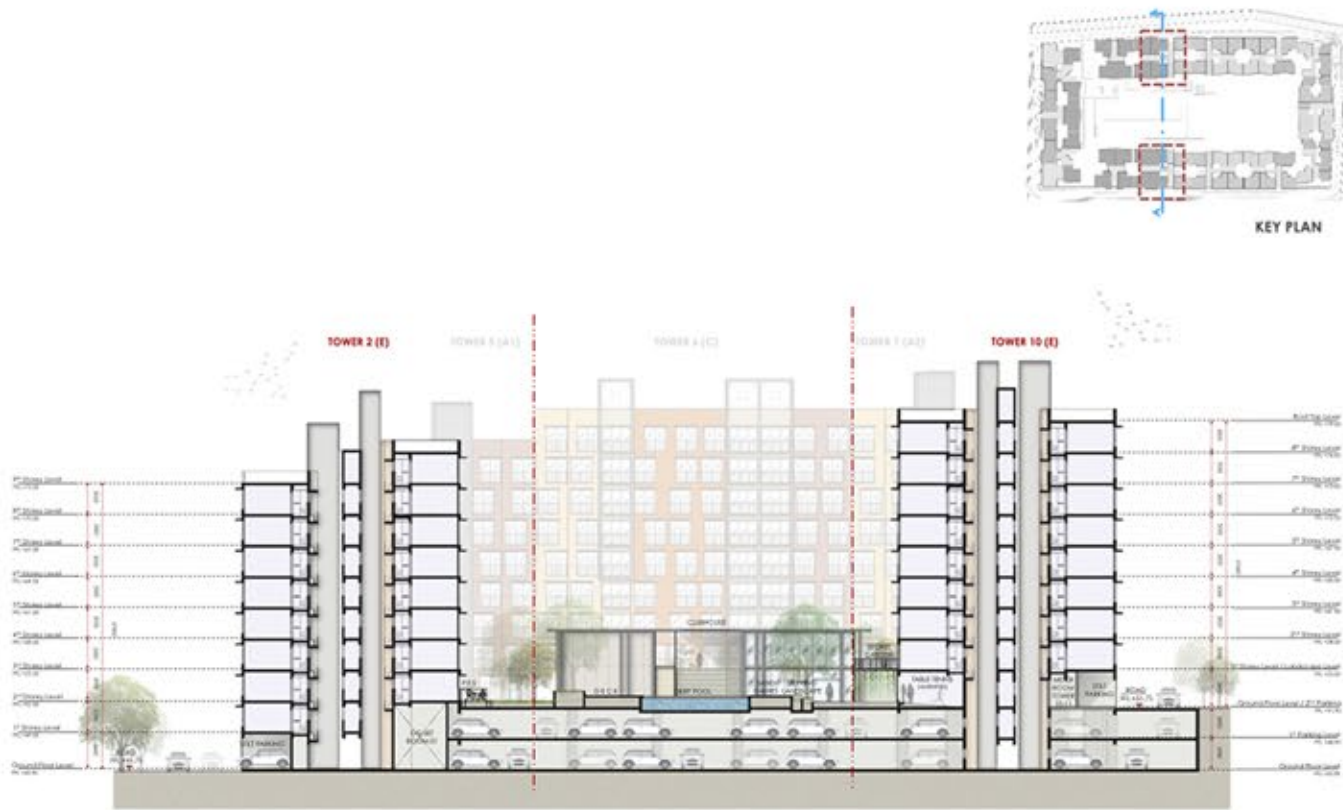


CLUBHOUSE DESIGN



RENDER VIEW.Sketchup. V-Ray





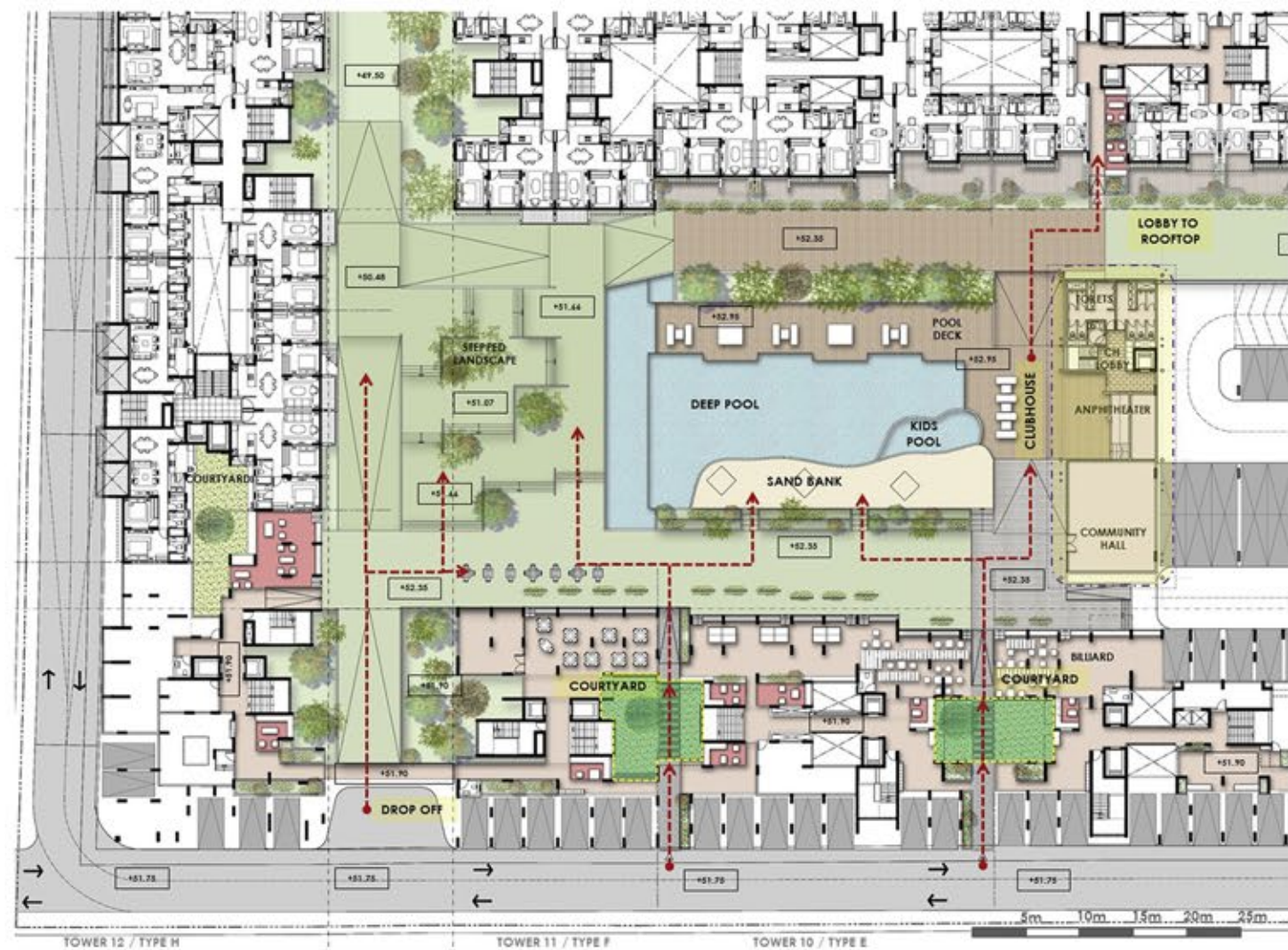
CROSS SECTION 01



RENDER VIEW FROM UNIT. Sketchup. V-Ray

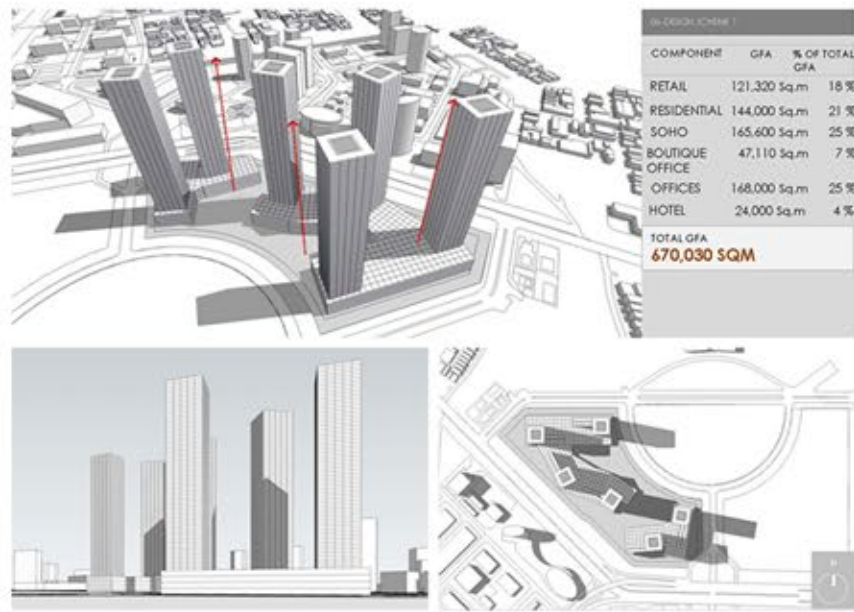


CROSS SECTION 02

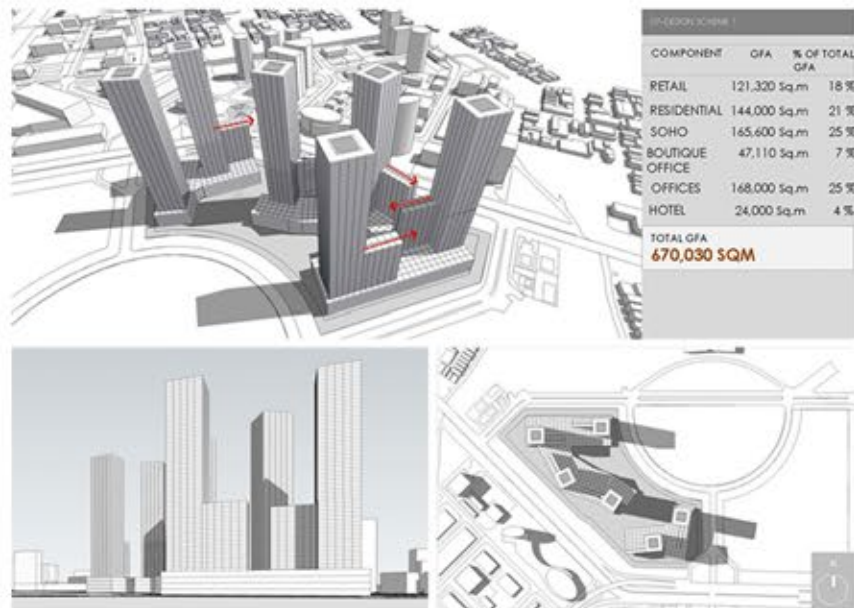


GROUND FLOOR PLAN. ACCESS TO UNITS





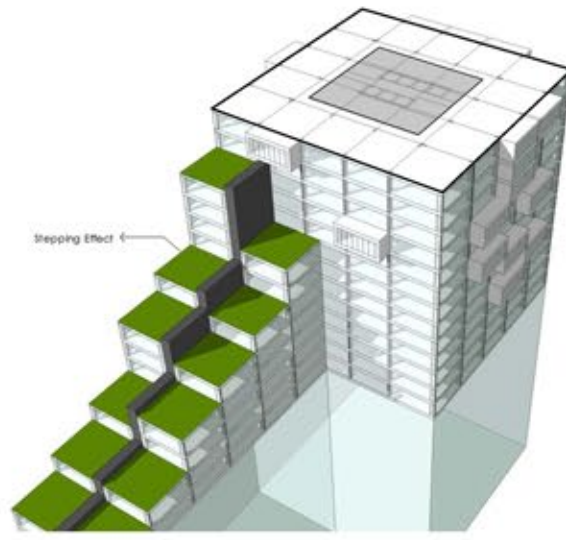
MASSING.TOWERS



MASSING. BOUTIQUE OFFICE



FINAL MASSING



STEPPING LANDSCAPE. MASSING

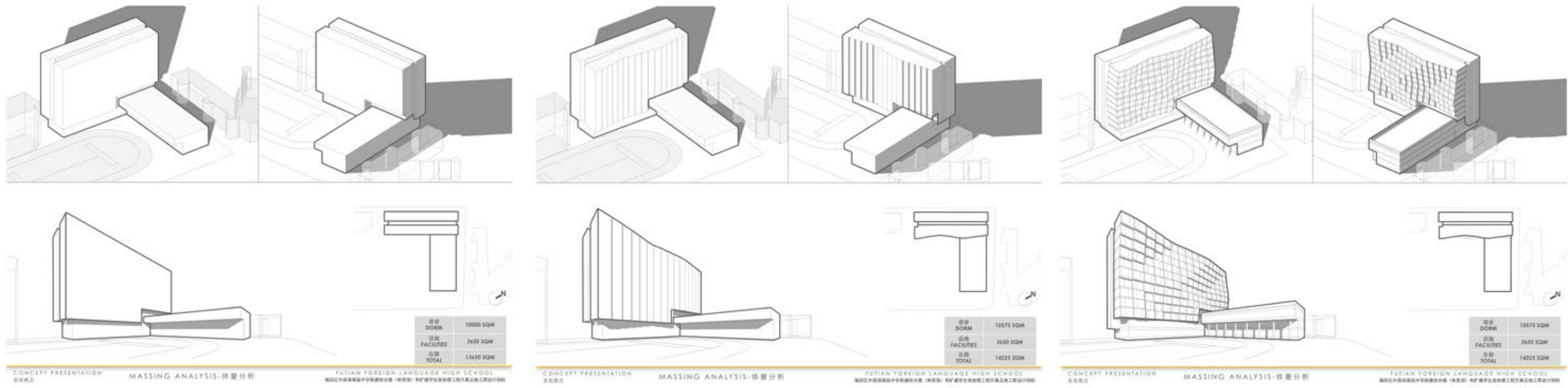


INTERNAL PLAZA RENDER VIEW. Sketchup. V-Ray



RENDER VIEW.3D Max.V-Ray





FORM GENERATION SCHEMES



RENDER VIEW. 3D Max. V-Ray



RENDER VIEW. 3D Max. V-Ray



ESCUELA TECNICA SUPERIOR DE ARQUITECTURA

SECCIÓN TORRE

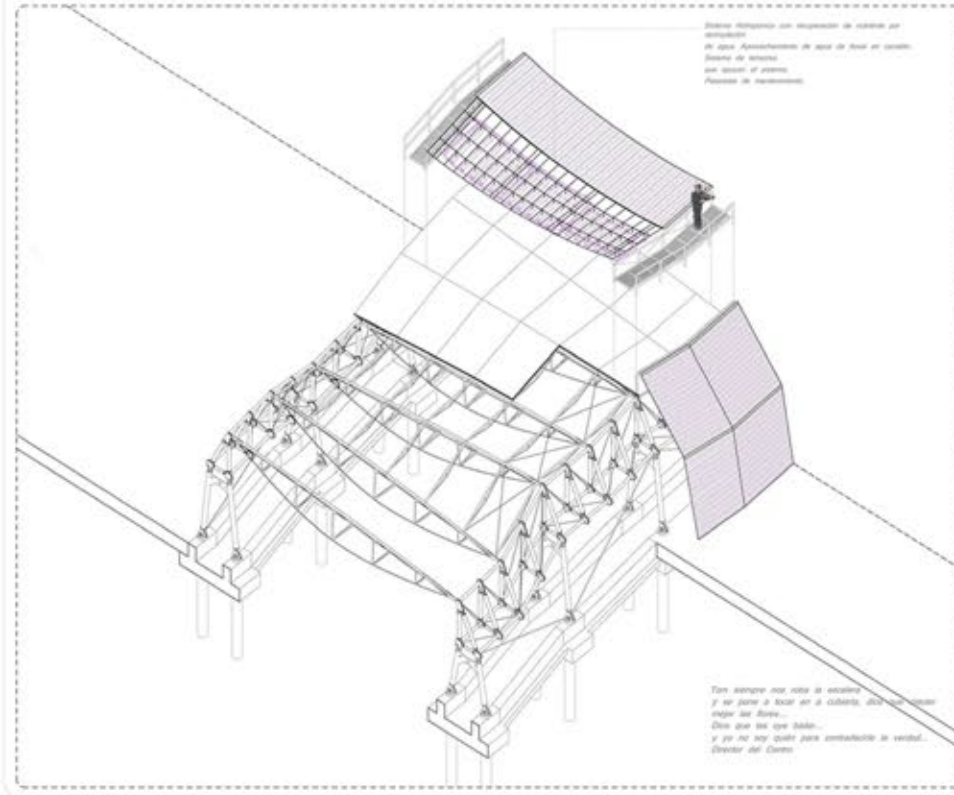
ESCALA 1/30

CENTRO DE ARTE CONTEMPORÁNEO ARANJUEZ INDUSTRIAL

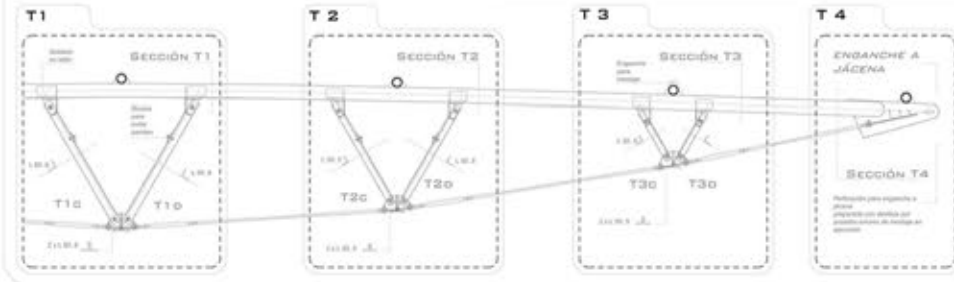


AXONOMETRÍA Y MONTAJE DE JÁCENAS Y DETALLE DE VIGA PEZ

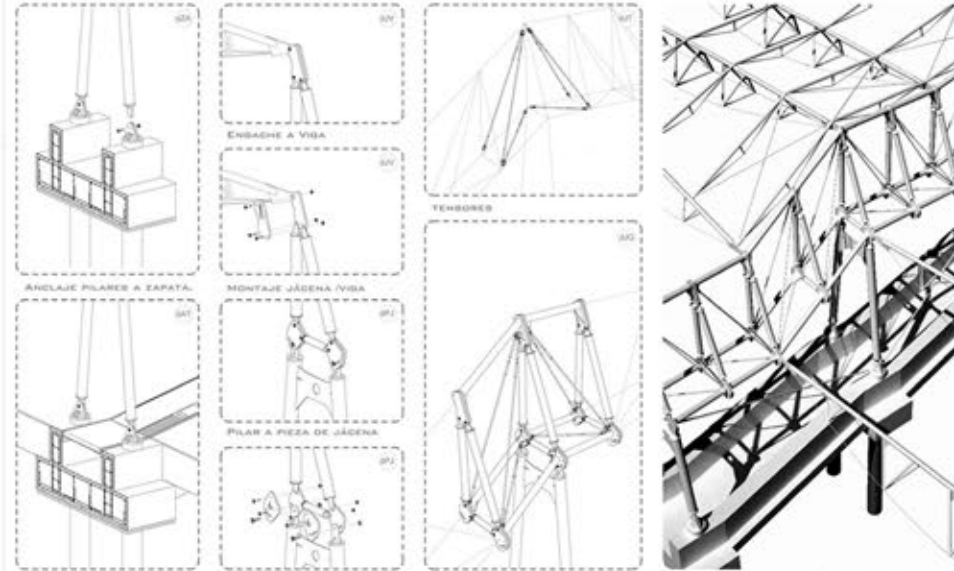
PERSPECTIVA ISOMÉTRICA S.E. SISTEMA DE RIEGO



ALZADO VIGA PEZ TIPO 250 UNIDADES E 1/25



UNIDADES Y SISTEMA DE MONTAJE DE JÁCENAS S.E.



**ZAPATA APOYADA EN PILOTES.**  
La zapaleta está compuesta por jácena que sobre pilotes ya que se permite entre el nivel y el suelo por medio de unos cables, "tensores" de instalación regulables.

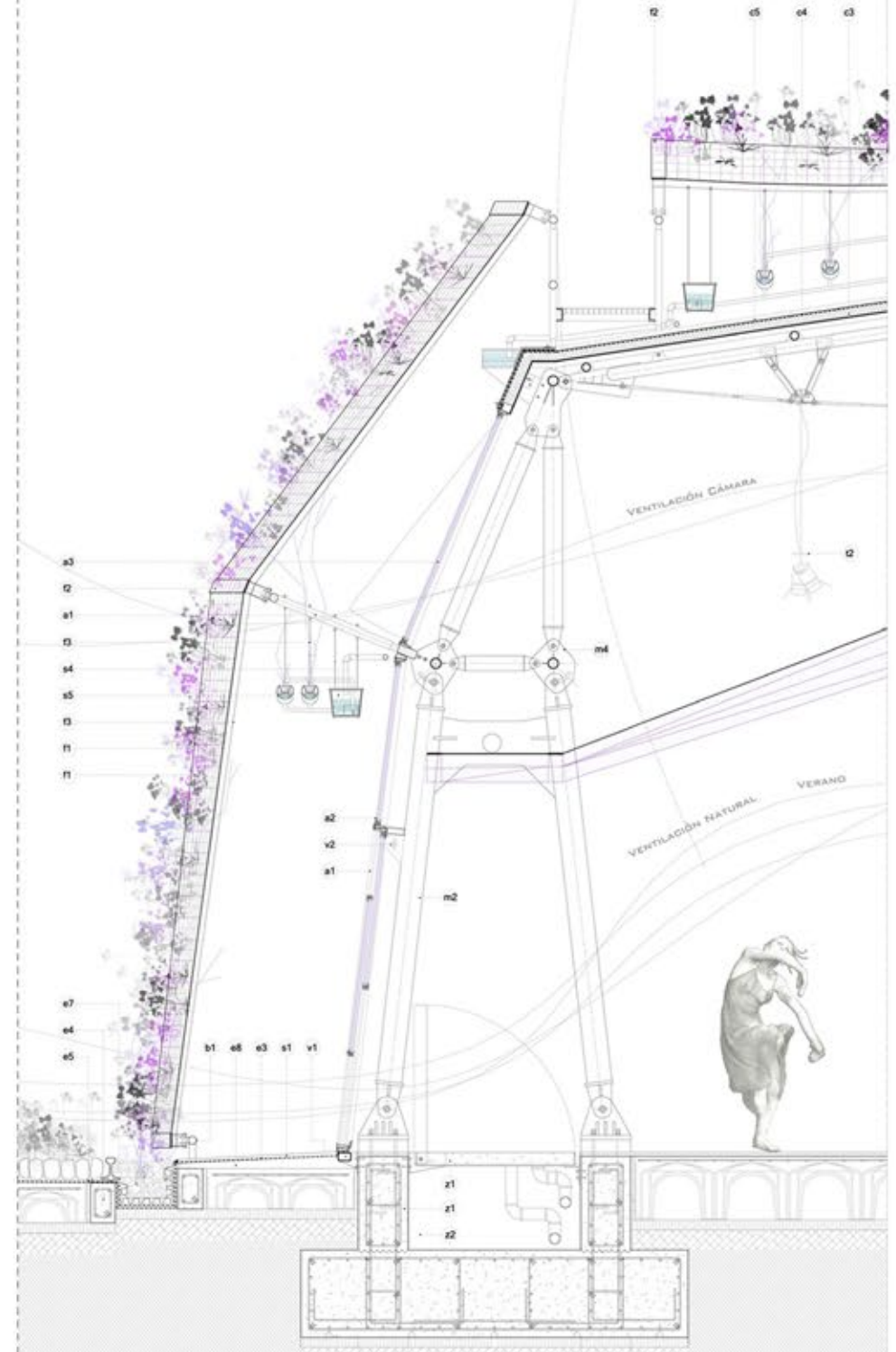
**ATORNILLADO**  
PIERNA DE JÁCENA.  
En el Centro de Arte Industrial de Aranjuez existen 177 Unidades de Pieza de Pilar (diámetro Longitud).

**DETALLE DE JÁCENA.**  
TENSORES.  
La pieza de conexión principalmente se hace de una pieza "única" como también que permite las espigas para cables y tensores, así como se ve en el dibujo. En el Centro de Arte Industrial de Aranjuez existen 339 Unidades.

**ESQUEMA ESTRUCTURAL EJEMPLO DE MONTAJE DE SISTEMA MODULAR.**  
Este sistema está pensado a la viga pes que se de 12 m de longitud única para los diferentes proyectos. 250 Unidades de Vigas Pes para el Centro de Arte Industrial de Aranjuez.

DETALLE CONSTRUCTIVO SECCIÓN TRANSVERSAL E 1/25

Se ubica una viga pes... instalada en los sistemas de regulación de una viga pes... que se conecta a la estructura...  
Este sistema está pensado para... que se conecta a la estructura...  
Se ubica una viga pes... instalada en los sistemas de regulación de una viga pes... que se conecta a la estructura...  
Este sistema está pensado para... que se conecta a la estructura...



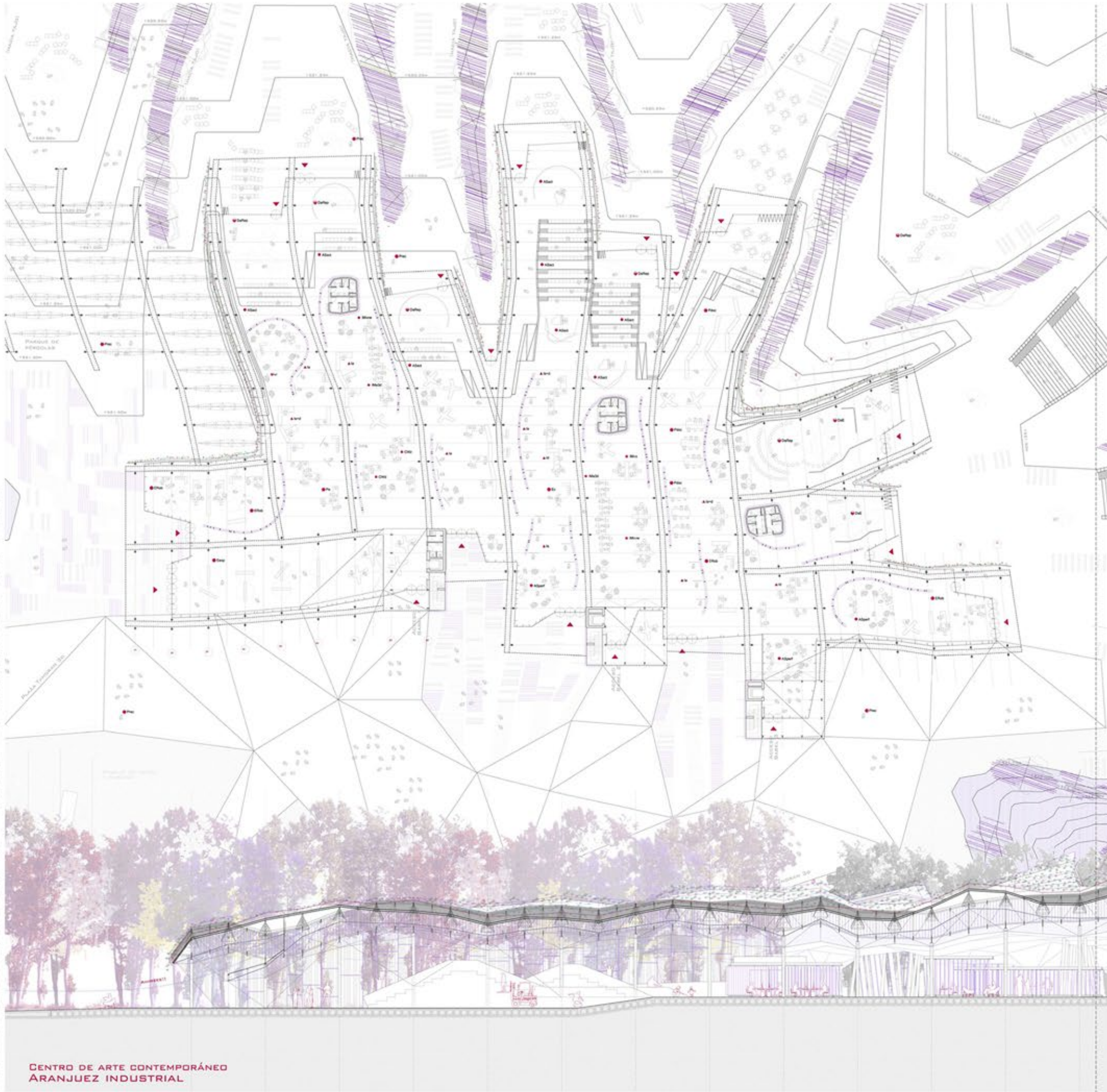
ESCALA RESUMEN 2 1/15 1/30

JORGE SORRELLA CRUZ 98313 BORRIS PÉREZ ARROYO/PEREZ

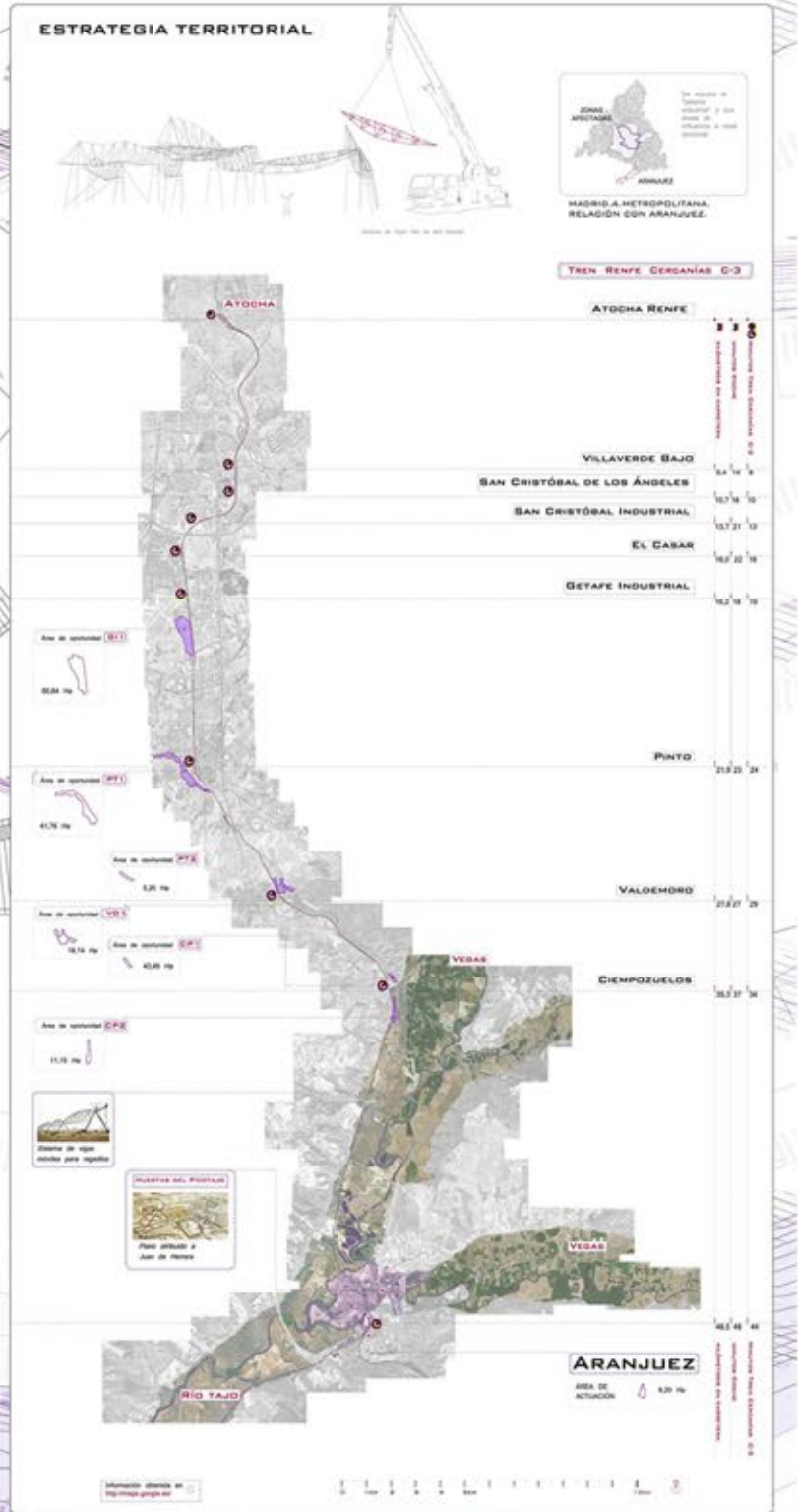




ESCUELA TECNICA SUPERIOR DE ARQUITECTURA



CENTRO DE ARTE CONTEMPORÁNEO  
ARANJUEZ INDUSTRIAL



RESUMEN 1 N ESCALA 1/300 1/150



ESCUELA TECNICA SUPERIOR DE ARQUITECTURA

How can you wear a costume of something that has no definite shape and resisting freezing when its essence is to have no limits?

Go where borders, boundaries, topological relationship with senses lay.

The plot is weak and does not impose extreme boundaries conditions.

The building location requires a constant dialogue between exhibitionism and camouflage, as artist production, confinement, interaction, advertising, provocation and submission.

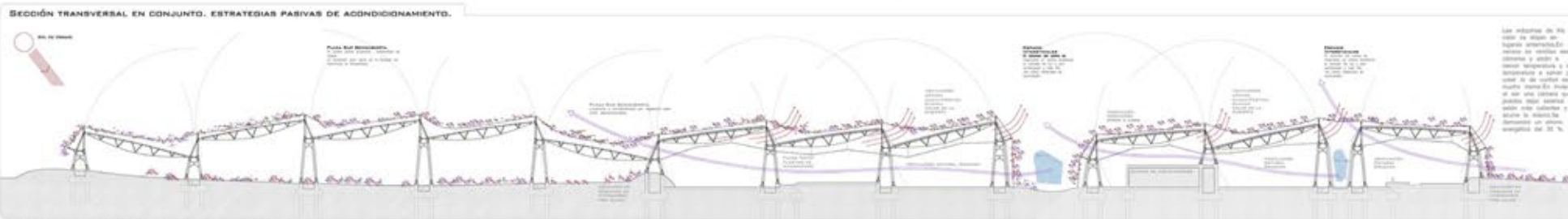
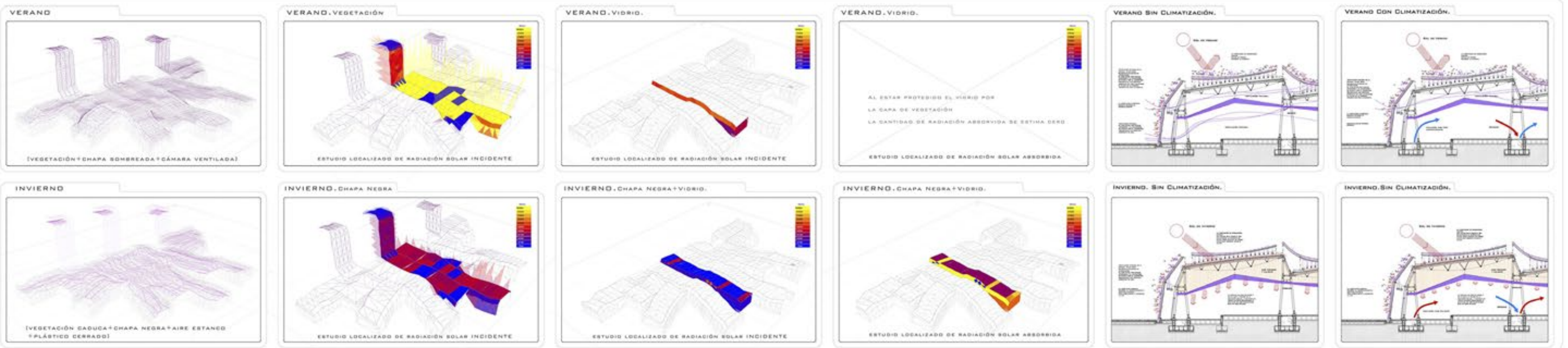
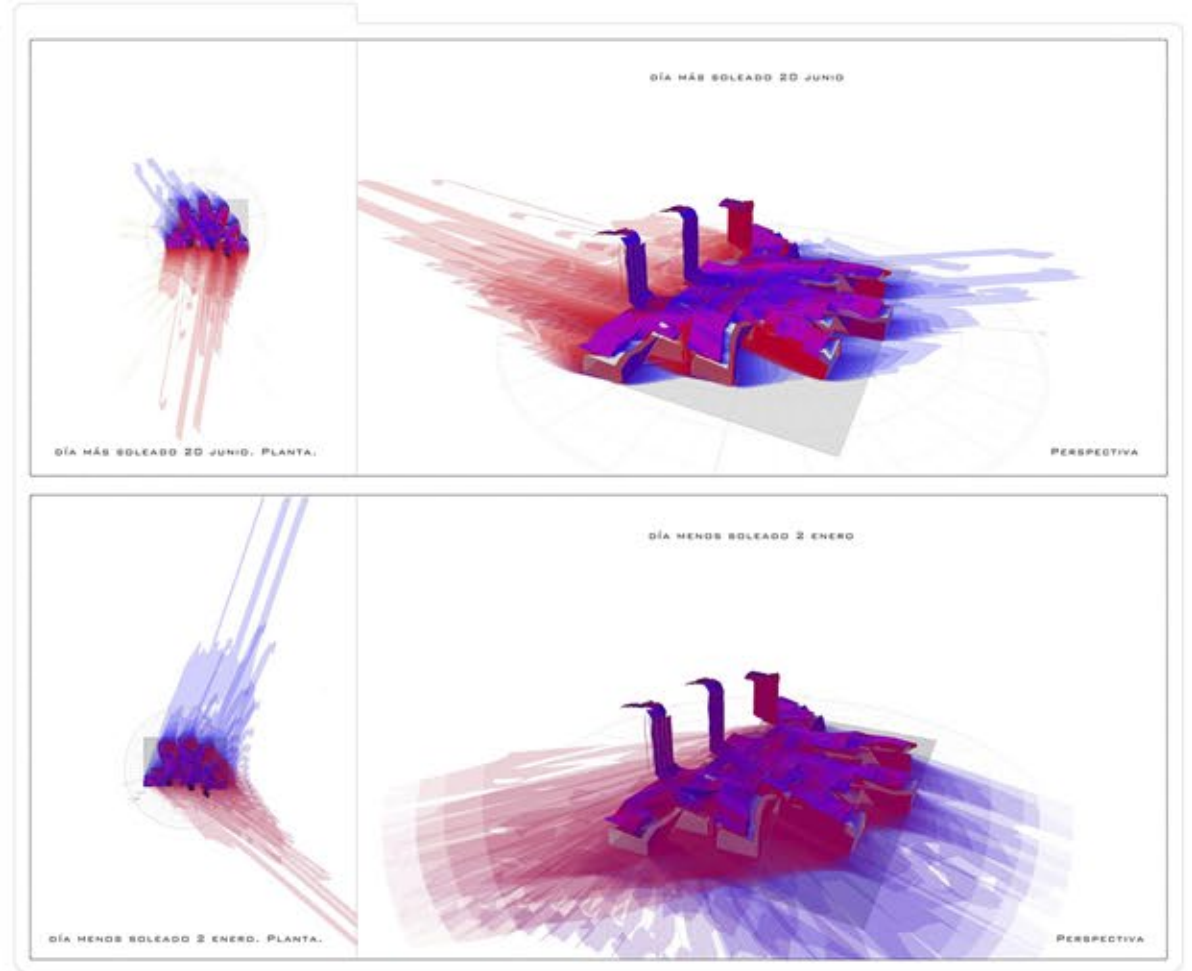
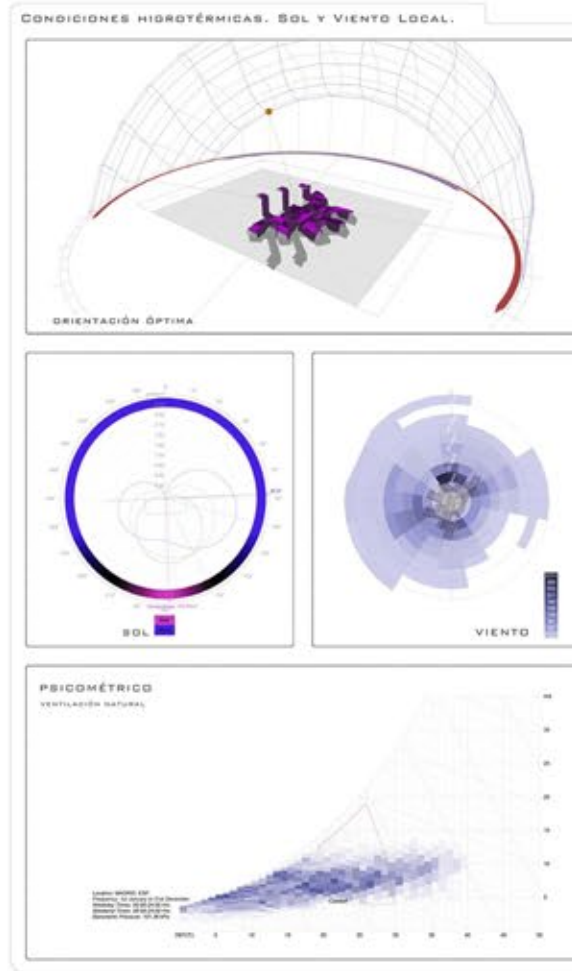
The building must be able to accomodate the different footprints of each user, almost drawing the plan. Flexibility and technic will make the building dissappear.

Our job is to dissappear.  
A workshop is noisy, quiet, battlefield, pornographic and demure.

If we talk about art workshops. It scares the figure of a designer.

We need a covering associated to the trees and hidden behind them.  
A way of cassiers ditches to feed the free plan with technology.  
We need a unique construction system that responds to the different varitions and adaptations of different places.

A fractal game that converts a two dimensional system into three dimensions through repetition and topological adaptation to the different places.



CENTRO DE ARTE CONTEMPORÁNEO  
ARANJUEZ INDUSTRIAL

ESCALA ESTUDIO BIOCLIMÁTICO.COMPORTAMIENTO DE ENVOLVENTES. ESTRATEGIA.

Autores: JORGE BARRERA GIL  
Y  
RICARDO PENJUAN  
DISEÑO: ARQUITECTOS PENJUAN  
JUNIO 2012