

EDUARDO CHAMORRO

address: Barcelona,Spain
telephone : +34 626 54 3000
email: eduardochamorromartin@gmail.com

education

- MASTER IN ADVANCED ARCHITECTURE (scholarship)** 2017
at Institute for advanced architecture of Catalonia,Barcelona,Spain
Digital Matter – Intelligent Construction, Digital Tools, Advanced Robotic Fabrication, Produino, Studio on the Bio intersection of biology, computation and design
- FAB ACADEMY DIPLOMA, (scholarship)** 2014
Six month program on digital fabrication based on MIT's How To Make (almost) Anything, by Prof. Neil Gershenfeld of Center for Bits and Atoms
- MASTER DEGREE IN ARCHITECTURE** 2006-2014
at San Pablo CEU University, Madrid,Spain
Architectural project Design, development and management, Construction and building technologies,Urban planning, Structural Analysis, MEP.
- Master Madrid City (scholarship)** 2013
Three weeks workshop focused on the meaning of the dual city as a spatial model with Morphosis, OAB, José Gonzalez Gallegos,Izaskun Chinchilla, Zigzag architectura,Mansilla-Tuñon
- MADSTOCK WORKSHOP** 2012
Polytechnic University of Madrid, Spain
Summer workshop focused on 1:1 scale construction experimentation; promoting the use of recycled and repurposed materials.
- DIGITAL FABRICATION**
at San Pablo CEU University, Spain
Five month workshop focused on digital modeling and construction techniques. One month CNC workshop focused on fast prototyping for architecture
One month Grasshopper workshop focused on generative algorithms
- PHOTOGRAPHY WORKSHOP**
at San Pablo CEU university, Spain
Three month coursework learning digital retouching techniques,analogue developing and photographic theory
- TOUCH AND GO REALITY**
Workshop directed by an Buenos Aires interdisciplinary collective. Focused on the discover and taxonomy of different landscape situations.

ARCHITECT
DESIGNER
MAKER

work experience

CV

2015 -
January -
2017
July

● FABLAB SEOUL DIRECTOR Seoul,South Korea

Fablab Seoul main professor and FabAcademy instructor. Workshops and educational programs developer like Maker Academy, Start-up Academy, Fab Creators, etc. Programs planning and management of S facilities. Labour as designer and researcher in eco-efficient furniture, structures and new fabrication techniques. Curator, designer and manager of multiple pavilions exhibit in Maker Faire Seoul, Coex, GGCW,etc. Performances in Total Museum and curator. Main advisor for start-ups, artists and product designs. Webpage developer. Architect of the expansion and renovation of Fablab Seoul facilities. Advisor for META in Seunssanga Urban Development. Professor at American Center Korea,Us Embassy. K-lab (Founding Fablabs in South East Asia) program curriculum,facilities design and management in collaboration with KEC, KOICA.

2014
September-
November

● PROFESOR IN DIGITAL FABRICATION FOR ARCHITECTURE

at FabLab Madrid Ceu San Pablo
Composition,photography,Photoshop, Illustrator lecturer and fabrication.

2014
February
January

● FREELANCE PROFESSOR OF ARCHITECTURE SOFTWARE SKILLS

Freelance classes to studios; EBLA ARQUITECTURA, PICADO DE BLAS ARQUITECTOS, artist and arquitecture students

,Madrid,Spain

● ARCHITECT in EBLA ARQUITECTURA STUDIO

Project, designing and drawing of a future implantation project "Don Bosco" in Mikomeseng (Equatorial Guinea)
Collaboration in the competition Historic Center Renewal of Torrelodones

2014
January-
July

● EXHIBITION DIRECTOR of TRANSFORMAD

at Madrid Town Hall
TRANSFORMAD is an architectural performance/exhibit about the future of the city of Madrid. As an exhibition director I was responsible for the correct exhibit operation and its design. I had to search also for sponsorships,coordinating lecturers,assembly and disassembly.

2013
March-
June

● EXHIBITION ASSISTANT of "Spain mon Amour"

at ICO Fundation, Madrid,Spain
SPAIN MON AMOUR is an architectural exhibit about how architecture and urbanism has changed over the last decade in Spain. As an exhibition assistant I had to show and explain the concept of the exhibit to the visitors.

2011
May-
September

● JUNIOR ARCHITECT, CA14 Studio

Madrid,Spain
Design team for different housing and urbanism development. Analyse location,deal with concept and distribution.

2009
June-
September

● PARK OPERATOR-LIFEGUARD,

Seaworld, Orlando, Florida,EEUU

languages



fluent B2



native
speaker



bilingual
DALF C1

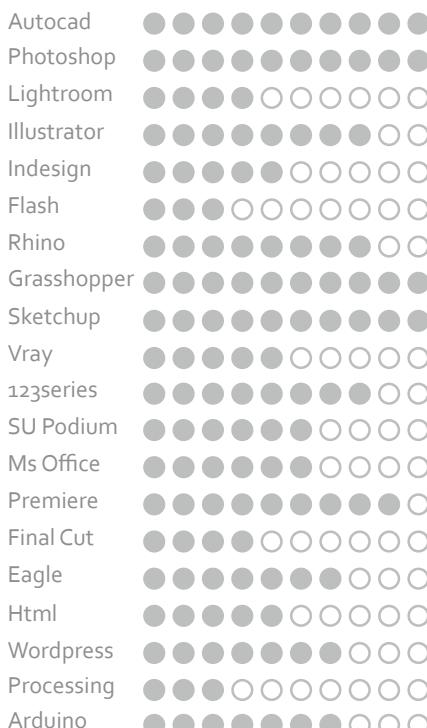
%

EDUARDO CHAMORRO

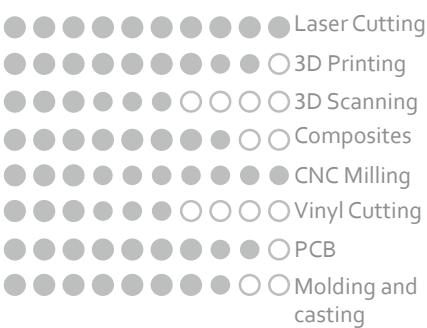
address: Barcelona, Spain
telephone : +34 626 54 3000
email: eduardochamorromartin@gmail.com



design skills



fabrication skills



WINDOWS MAC OSX LINUX

accomplishments

- 2016**
 - Interview, "Seunssanga Documentary" SBS-Tv Documentary on how maker movement is changing the city
 - 3º Position in 2º Drone Fight Korea, ASL
 - Work Publication, "Design" design magazine korea
 - Work Publication, "Ponoko" design magazine
- 2015**
 - Let's Make Global Forum Korea, KOFAC Speaker with Hiroya Tanaka, Paul Duggen, Kim Sung Han and Ha Uk Hiu
 - "Ideas Club" Korean Government Foundations Development of drone educational kit
- 2014**
 - 3º Position in ArcChallenge Youth Hostel competition Spoiled neighborhood recovery contest
 - Work Publication, On Diseño architectural magazine
 - Work Publication, Veredes architectural magazine
- 2013**
 - 3ºPosition in Orona CEU architecture competition Vertical architectural systems contest
 - 3ºPosition in Schindler CEU architecture competition Vertical architectural systems contest
 - Work Exhibit "Se alquila mercado", Cebada Food Market Madrid Organized by local cultural society "La Latina"
- 2010**
 - Winner at CEU Yearly weight optimized structures contest Wood beam contest
 - 3ºPosition Photography CEU artistic competition

personal profile

I am interested in how technology and new trends can transform architecture and his processes to improve peoples lives. I seek to push myself, past my potential and develop new architectural methods with robotics design processes that could be applied into the real world meanwhile researching future techniques .

I am an active person who loves life and practises multiple activities.

- | | | |
|-----------|----------------------|----------------|
| ○ Surf | ○ Photography | ○ Cinema |
| ○ Ski | ○ Aircraft modelling | ○ Illustration |
| ○ Biking | ○ Reading | ○ Cycling |
| ○ Archery | ○ Technology | ○ Typography |
| ○ Skating | ○ Travelling | ○ Diy projects |

EDUARDO CHAMORRO

address: Seoul,South Korea
telephone : +34 626 54 3000 +82 1041486576
email: eduardochamorromartin@gmail.com



ARCHITECT
DESIGNER
MAKER

un mercado en colaboracion

• DO IT YOURSELF

EL DISTRITO LA LATINA, MADRID

análisis arquitectura construcción estructura instalaciones sostenibilidad

UN VISTAZO A LA CIUDAD DEMÁRDI DE LONDRES DE SEVILLA

madrid

37,6%

habitantes

COMUNIDAD MADRID

169724 hab

habitantes

MUNICIPIO MADRID

365000 hab

habitantes

Ciudad de Madrid

37,6% de la población

habitantes

COMUNIDAD SEVILLA

139243 hab

habitantes

MUNICIPIO SEVILLA

109287 hab

habitantes

Ciudad de Sevilla

52,0% de la población

habitantes

COMUNIDAD LONDRES

7232000 hab

habitantes

Ciudad de Londres

1,5% de la población

habitantes

LONDRES

habitantes

COMUNIDAD LONDRES

7232000 hab

habitantes

Ciudad de Londres

1,5% de la población

habitantes

LONDRES

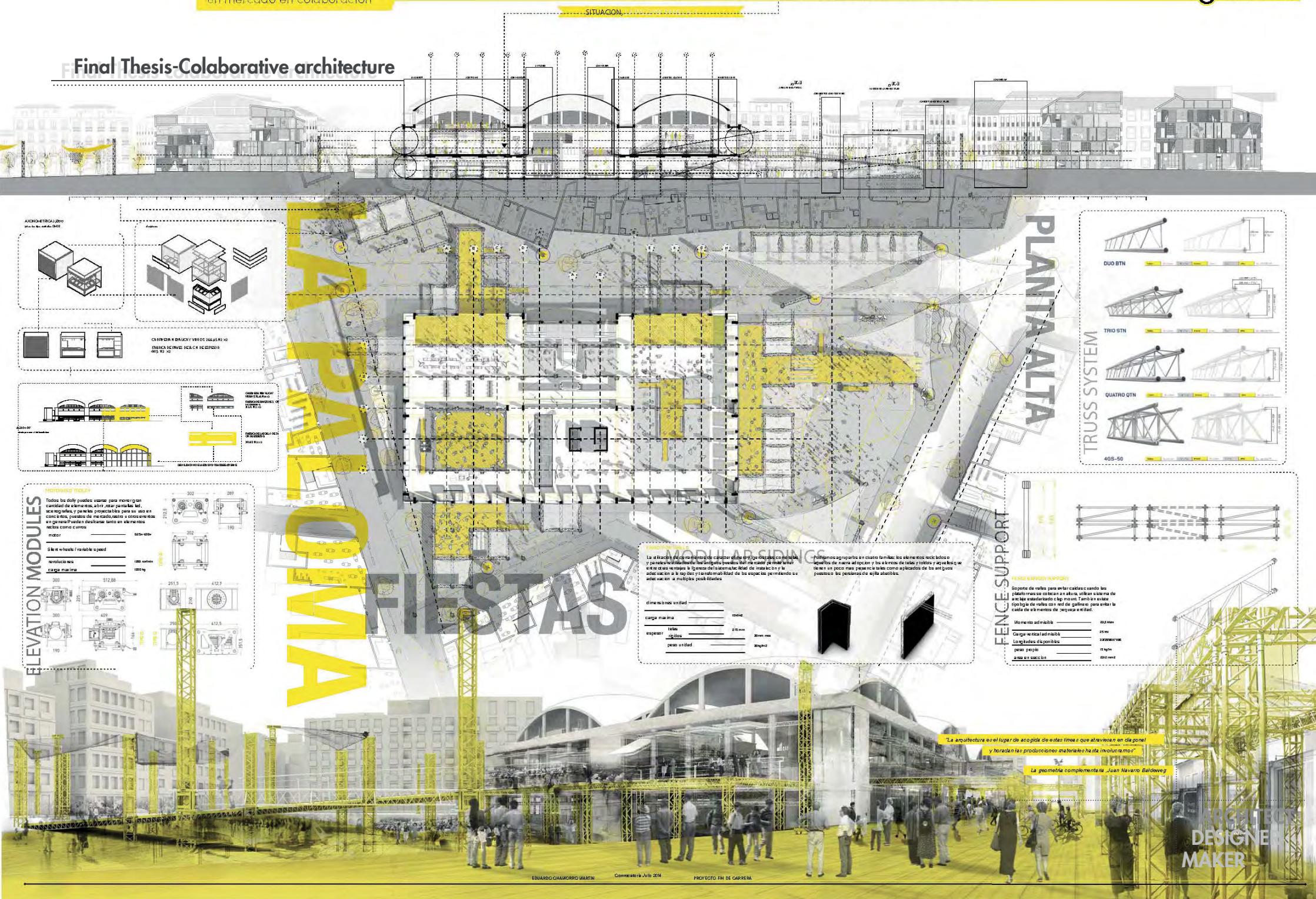
habitantes

un mercado en colaboración

• DO IT YOURSELF

▼ análisis ▼ arquitectura ▼ construcción ▼ estructuras ▼ instalaciones

Final Thesis-Colaborative architecture



un mercado en colaboración

• DO IT YOURSELF

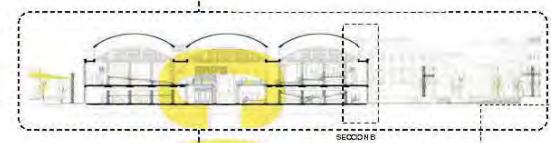
• análisis • arquitectura • construcción • estructura • instalaciones • sostenibilidad

CONSTRUCCIÓN / FACHADA

Final Thesis-Colaborative architecture

El sistema de fachadas móviles del proyecto tiene el sistema de truss estructural H160 con un ancho de 1,00 x 2,20 que mediante el diseño de un nodo tridimensional permite la rotación de los paneles móviles en su eje longitudinal y transversal así como la apertura y cierre de las juntas blindadas permitiendo así un multiplicador de configuraciones adaptándose al uso.

Se instalarán paneles blindados de seguridad para su protección exterior así como se dispondrá de un legendre de valla de seguridad de 1,80 m de altura y 1,20 m de ancho que protegerá el espacio interior que ocupa más de 0,5 x 0,2 ancho dividido en tres secciones y protegidas con blindamiento y aislamiento.

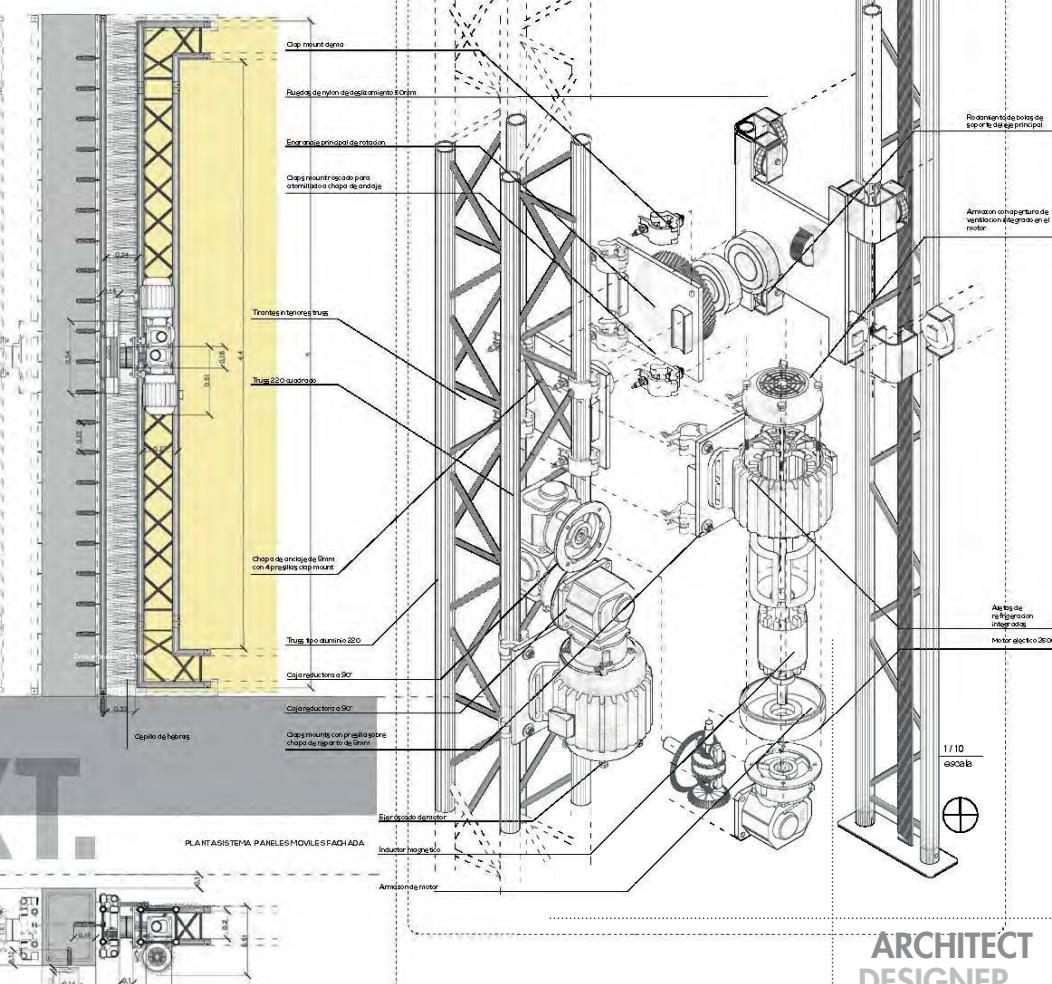
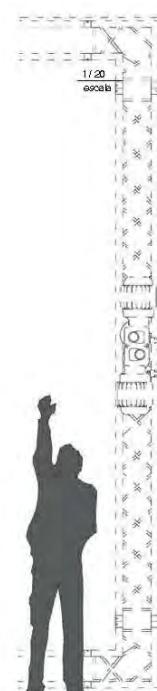
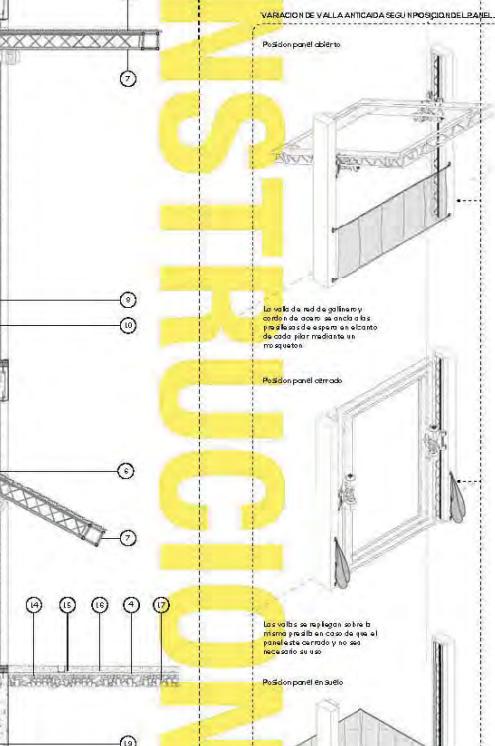
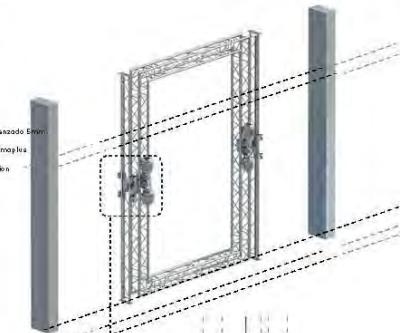


COLABORACIÓN PANEL EXT.



- 1 Valla acero galvanizado
- 2 Vidrio blindado con espesor 5 mm
- 3 Cerradura Tresillo M16x1,0
- 4 Hormigón aligerado blindado
- 5 Truss H160 x 200 longitud
- 6 Lona recubierta de caucho 90 g/m²
- 7 Truss crecendo H160 x 220
- 8 Argolla espesura 90x45mm
- 9 Foco reflector de 200W
- 10 Huella metálica con cordón de acero trazado Elemento
- 11 Suelo hidráulico para fábrica de ladrillo Hormigón
- 12 Riel de potencia 0,2mm extensión de acción
- 13 Agujero de vidrio 100x100
- 14 Escalera de piedras
- 15 Cojinetes de desgaste con ruedas Ulma
- 16 Ayuda de arrastre: rueda con tornillo de sujeción
- 17 Gruetell Desco 22
- 18 Durante la instalación de madera
- 19 Muro portante 600 mm
- 20 Llaves Impresión libertad Desco se adapta a la llave de tu casa

NUDO MECÁNICO MÓVIL DE FACHADA

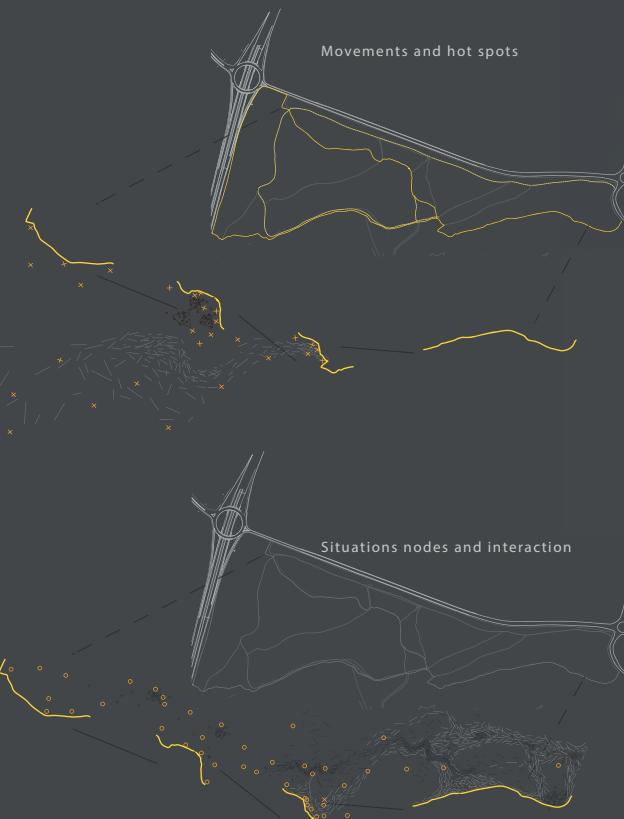


environmental sustainability

To propose any space is necessary an exhaustive analysis of the surroundings, specially when that space is a landfill that seems empty on a superficial look but it is full of environment inputs.

Getting the hidden information

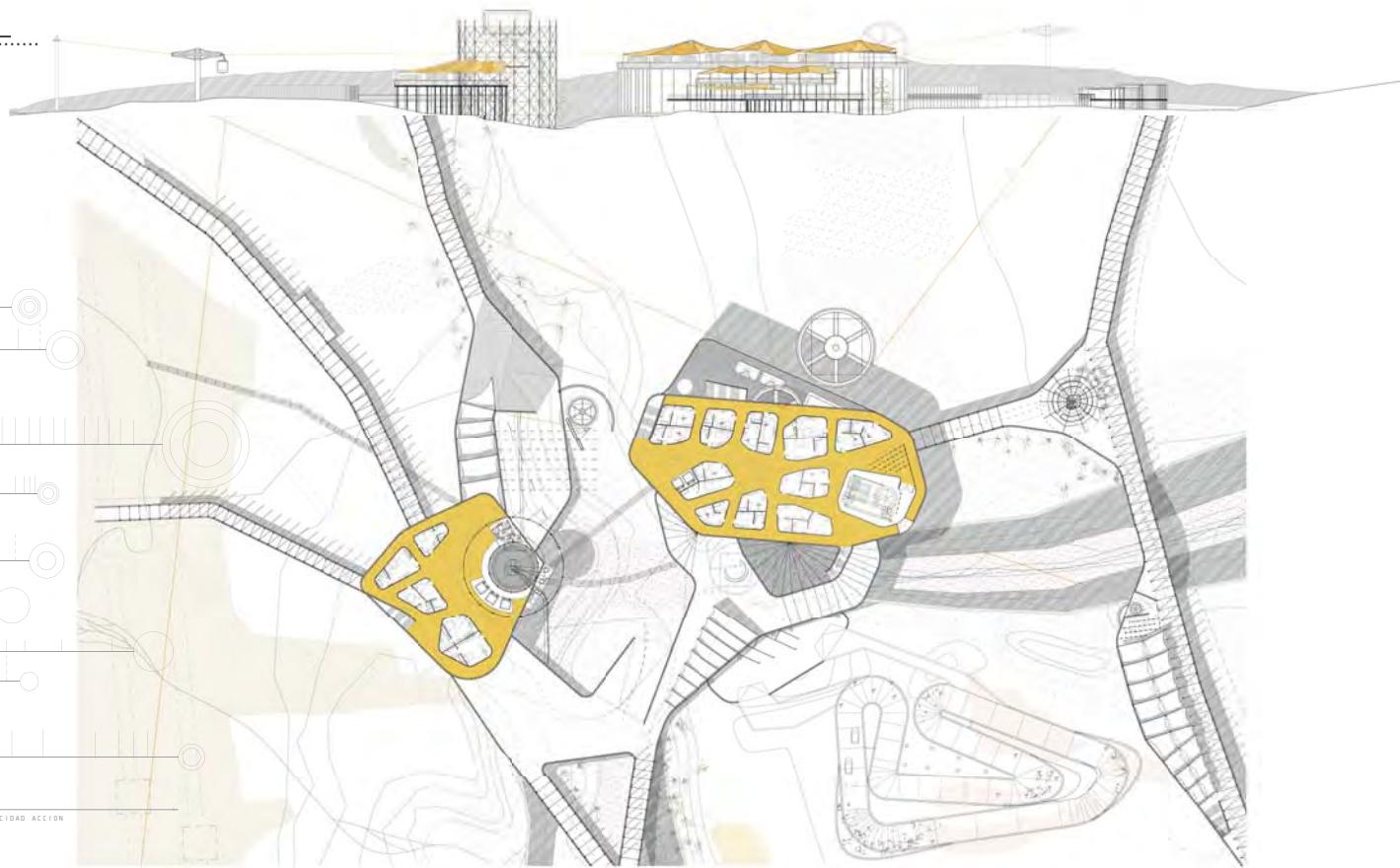
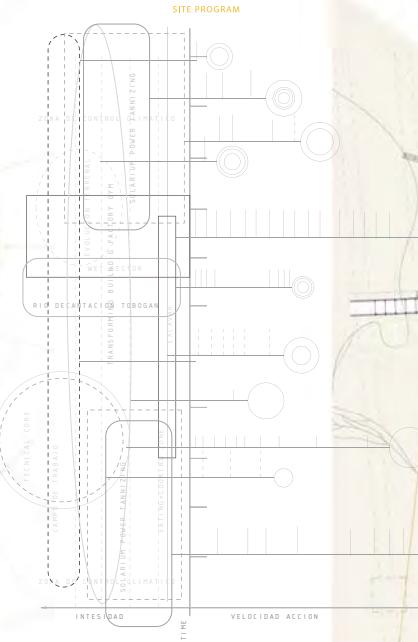
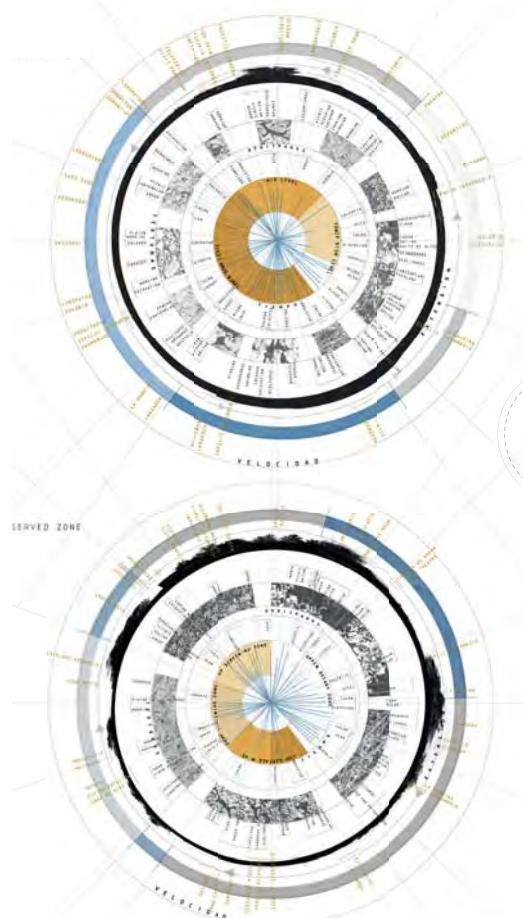
For a full understanding of the site several breakdowns were executed no only on the physical materiality but also on the intangible. Giving as result that for a correct approach on how the nodes interact between each other a Situationist interpretation on their activities and the human being was necessary.



ARCHITECT
DESIGNER
MAKER

environmental sustainability

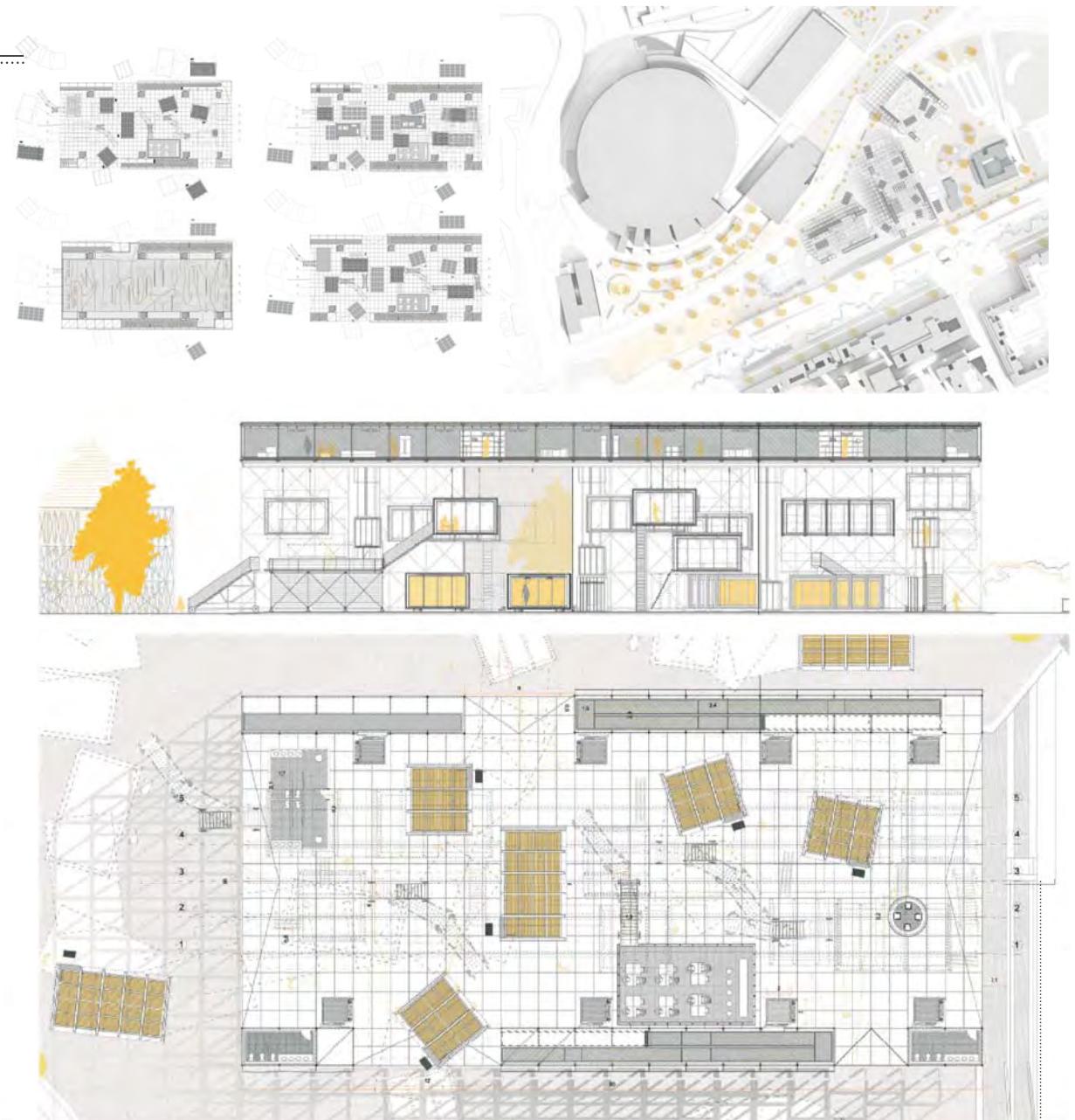
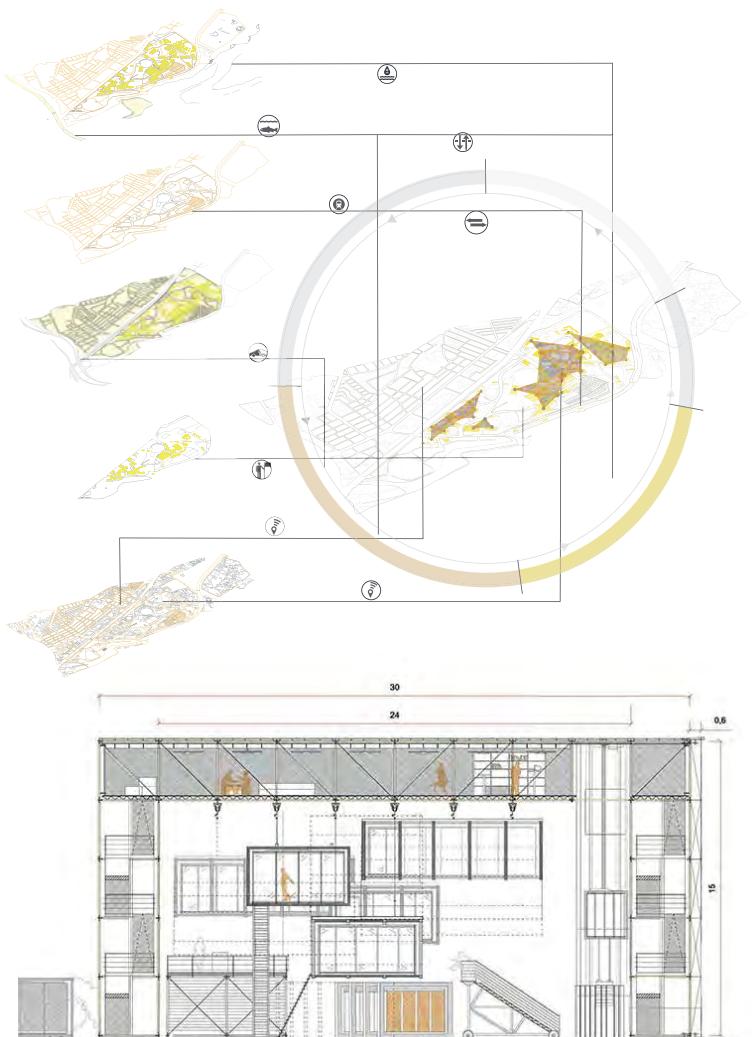
The project aims on the possibilities of landfills as zone of playground. Establishing a central core where all the games of the playground starts. Having also a small hotel and highviewpoint of the complete intervention, transforming the old space on a weekend holiday center.



ARCHITECT
DESIGNER
MAKER

prefab prefabrication technologies

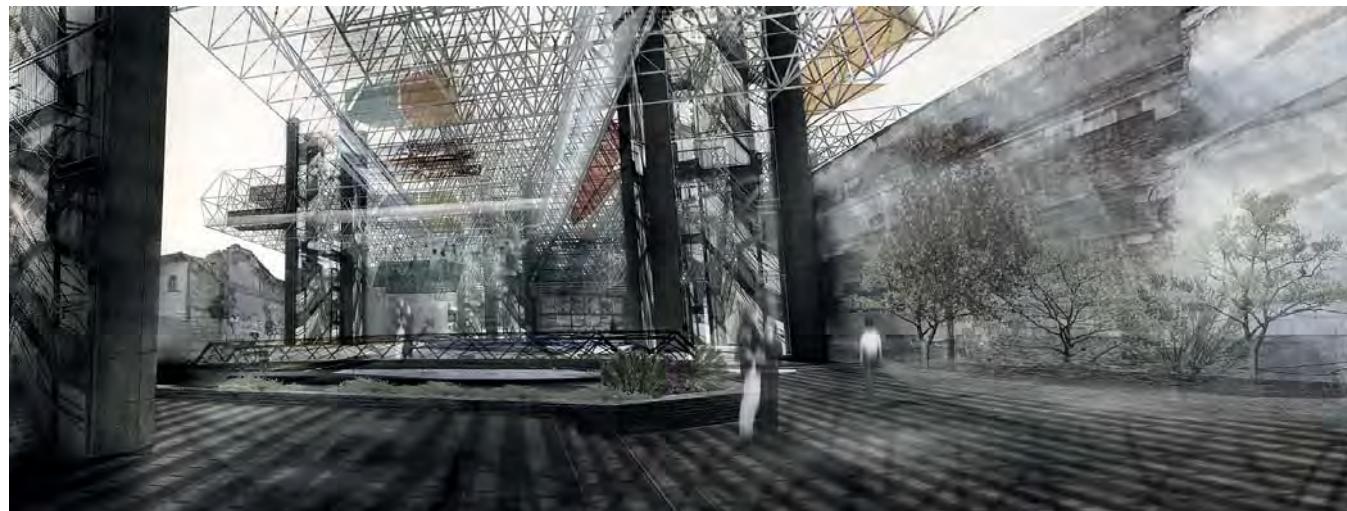
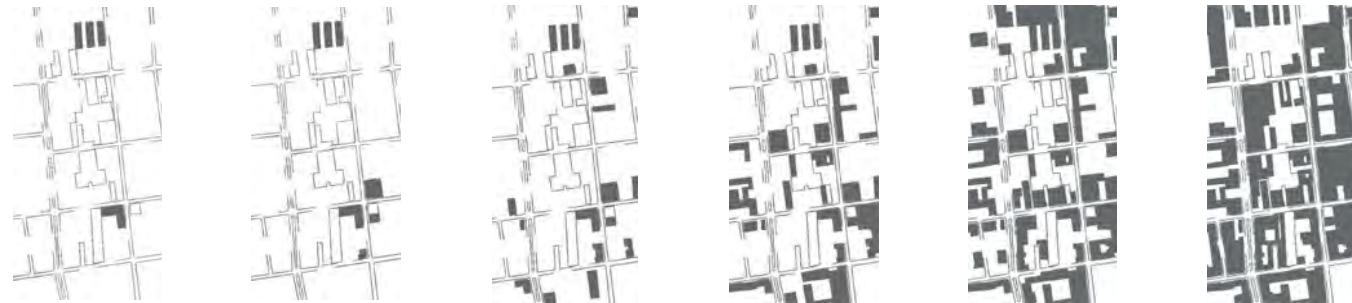
Multifunctional center for a impaired zone of Madrid where there are usually done festivities and urban markets. Using prefabricated structure of scaffold is created a wide open space where small modules hung from the structure and supported on the ground take needs of a conditioned spaces.





spacial strategies

A big community above the city of santiago de chile who uses a modular structural system to fly above the city in a utopian form with living spaces made of shipping containers. All the living activities occur in the Interstitial platforms. With the idea of continuing with the footprint of the original plot and completing the residual spaces, a series of planes are proposed, making similar to the various planes of height of the city. In the same way the volume contains streets on a smaller scale already facing the user in which the idea of sharing free space is maintained.



design in technology

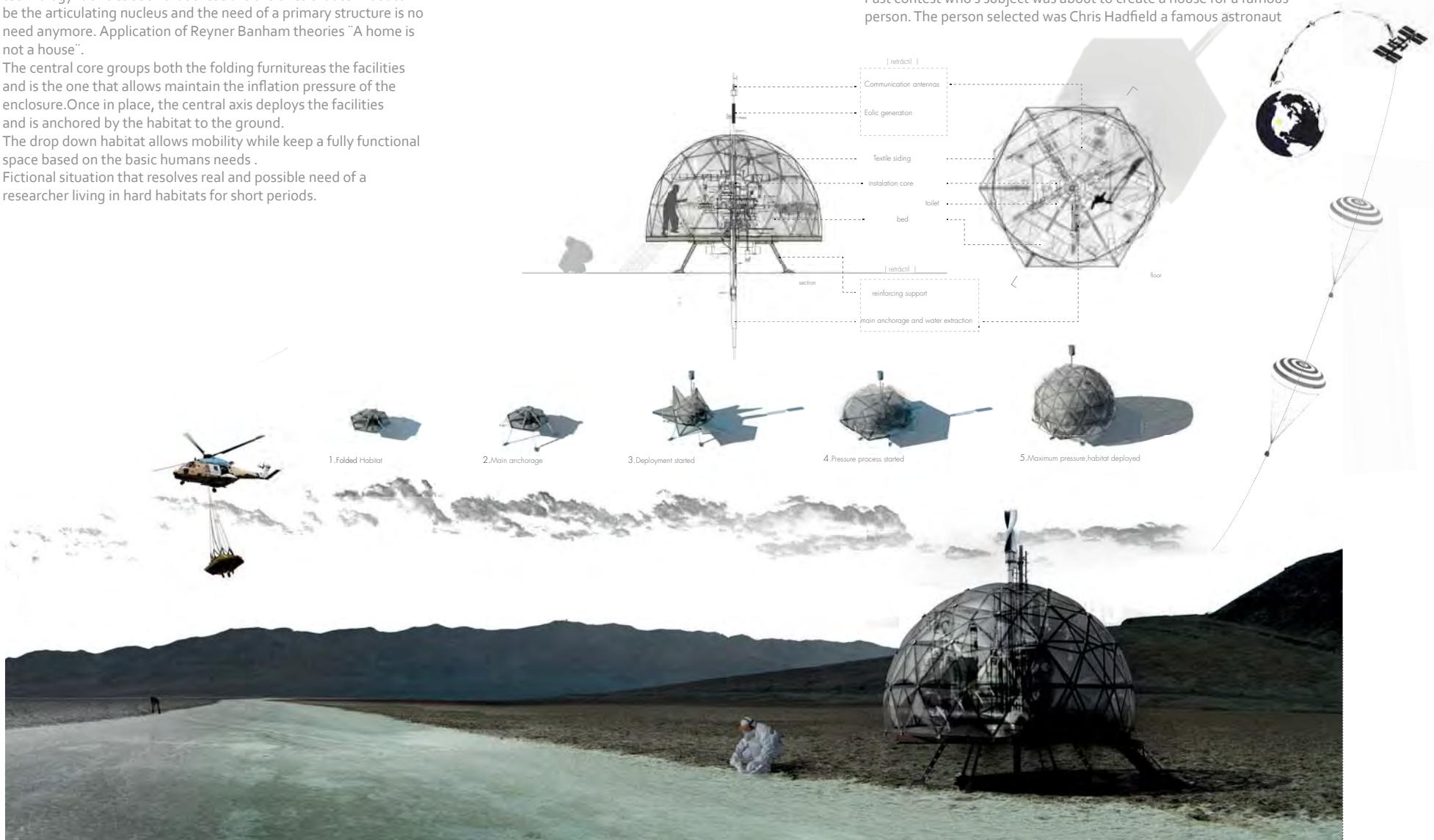
The habitat is based on the premise of having reached a level of technology facilities such that these are the ones that turn out to be the articulating nucleus and the need of a primary structure is no longer needed. Application of Reyner Banham theories "A home is not a house".

The central core groups both the folding furniture and the facilities and is the one that allows maintaining the inflation pressure of the enclosure. Once in place, the central axis deploys the facilities and is anchored by the habitat to the ground.

The drop down habitat allows mobility while keeping a fully functional space based on the basic human needs.

Fictional situation that resolves real and possible need of a researcher living in hard habitats for short periods.

Fast contest whose subject was about to create a house for a famous person. The person selected was Chris Hadfield a famous astronaut



ARCHITECT
DESIGNER
MAKER

FAB PAVILION

WHAT IS

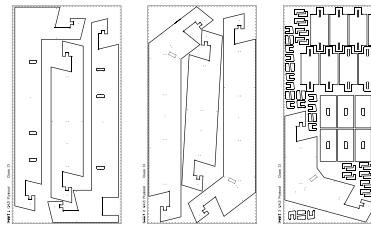
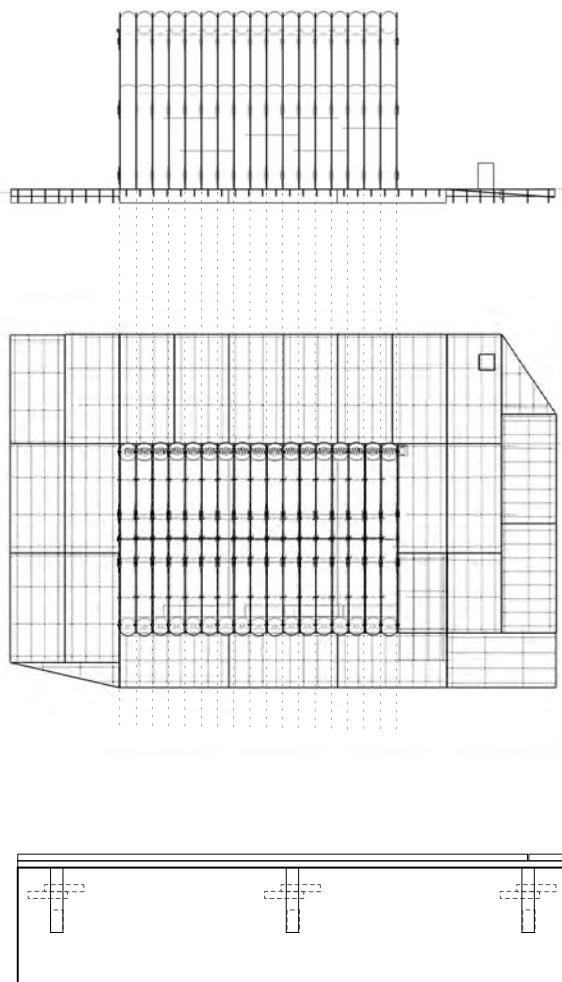
Fab Lab Seoul is presenting here a relatively inexpensive, expansive and artful alternative to investigation conventional construction and building . The system features only using fablab equipment as CNC ROUTER,LASER CUTTER,etc,using ecomaterials.

WHY

Pavilion is a space where people can play, learn, and experience workshops and machines so they discover fablabs and makerspace community not only in theory but physically.
Instead of using exhibit stands ,the appropriate space to make a fab showroom is to make one with Fablab tools. What better example of fablabs capabilities that the pavilion itself?

architecture fabrication

Digital fabricated pavilion for Seoul MakerFaire with traditional Korean wood joinery. The wood represents "the real world" and the inflatable ribs "the imagination-ideas". The building was assembled in one day by a four people group. Showroom, simplicity, economy and easy construction were the key words in this project. Gross floor area of 60 square meters.



ARCHITECT
DESIGNER
MAKER

SEOUL DESIGN FESTA 2016

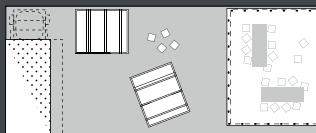
MICRO LAB BOOTH

Modular construction-Space that evolves

One unique stand with multiple functions
ALL-IN/ONE set

FESTIVAL DAY 1

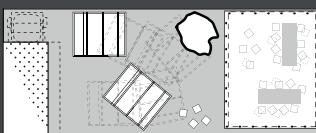
Setup of all the modules and machines, cleaning of the space and initiate all the machines with samples.



FESTIVAL DAY 2

MID FESTIVAL

User already come to the workshops and start to make things and assembling the



FESTIVAL DAY 3

FINAL FESTIVAL

The booths moves again to show the elefab the user did and make the space wider for attending more

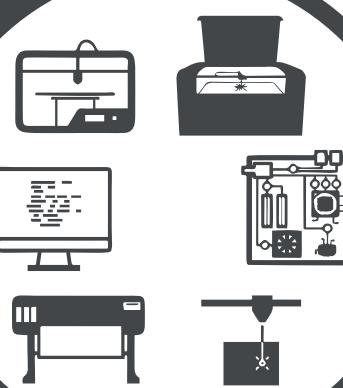


MODULE 1 EXHIBIT HUB

One unique stand with multiples functions
ALL-IN-ONE set

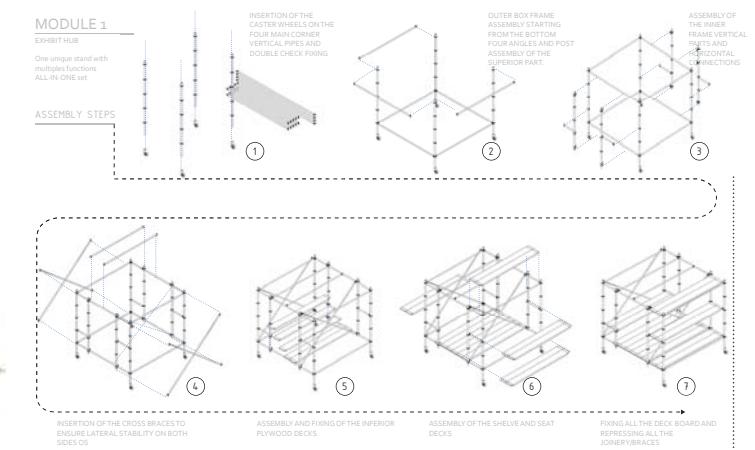
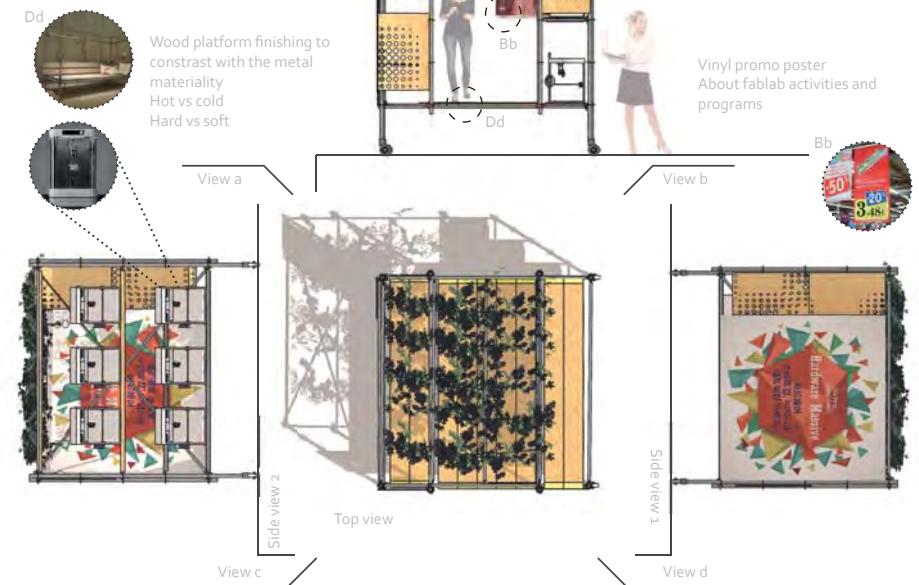
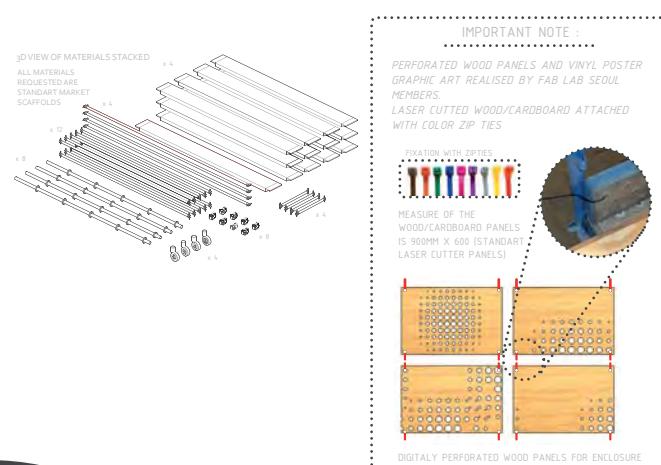
MODULE 2 WORK SHOP HUB

An open space only separated visually by a thin layer of polypropylene.



prefabricated design

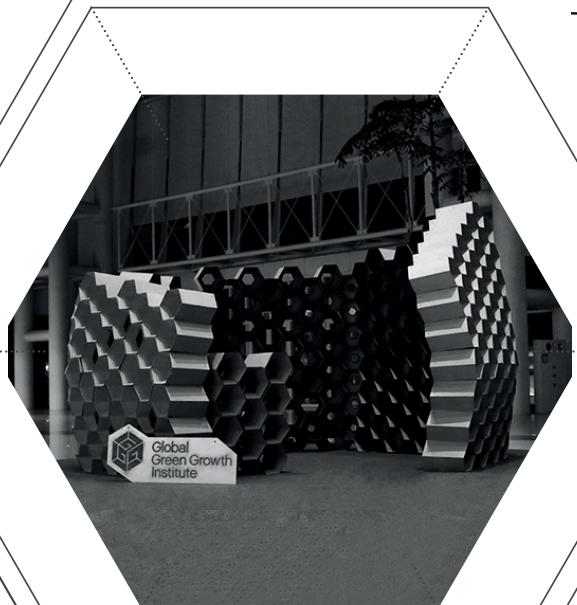
Prefabricated booth for Seoul Design Festa . Mobility of the space and machine installation as requirement give a small modular configuration result. Where the same module respond to the workshop-machines-exhibit-technical needs. Three zonifications for three different purposes. Fab Truck for giving multiple machine and tooling support. Workshop Hub for hosting big groups and all the workshop without disturbing the main exhibit space. Exhibits hubs that serve as shelves for machines and exhibit pieces as the same time as resting-working area for small groups or individuals



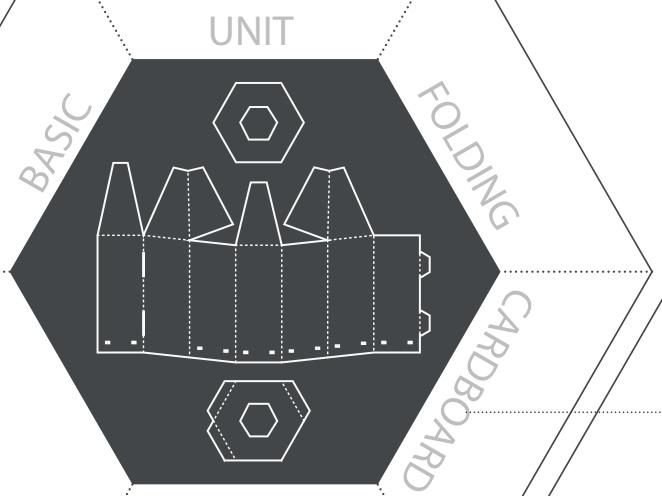
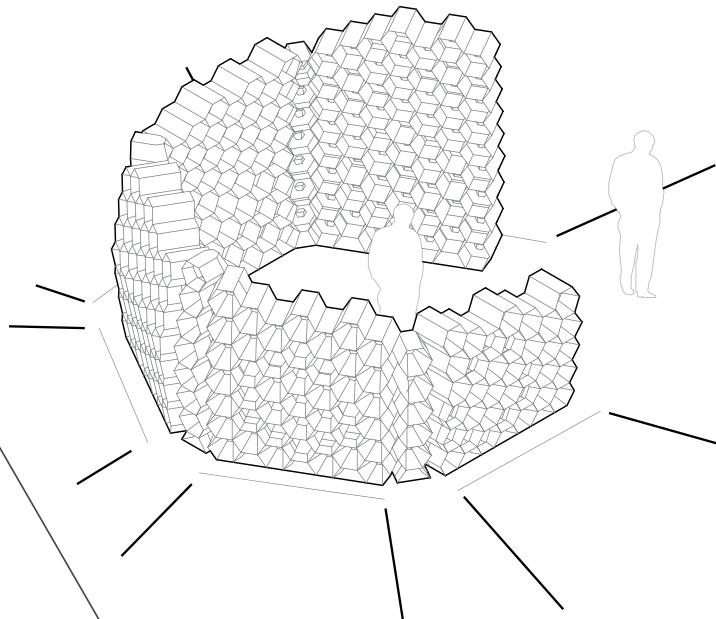
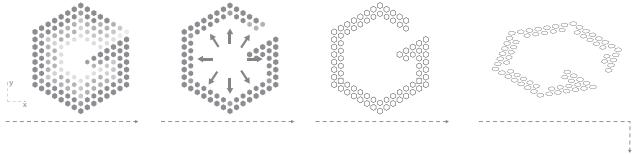
**ARCHITECT
DESIGNER
MAKER**

digital architecture

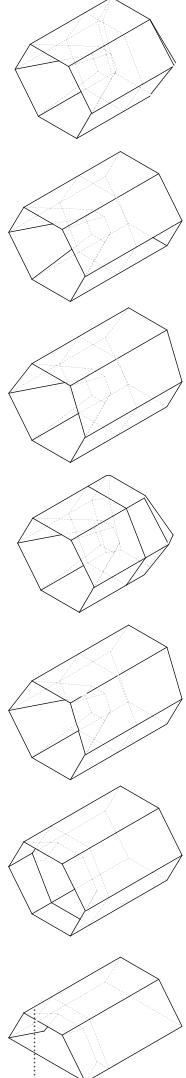
Temporary pavilion for the Global Green Growth Conference. Reinterpretation of the logo as a tridimensional shape and combining it again into a spacial opening gesture. The use of its main base shape and general one invites the visitor to come inside and around the object discovering the logo in all its manner. Election of the cardboard as main material due to its ecofriendly and renewal naturalness. All the parts were fabricated using a laser cutter



The parametric design allows the design to change and adapt to the needs of the space. Making it configurable depending on the needs. The modular system makes it easier and faster to produce reducing the waste.

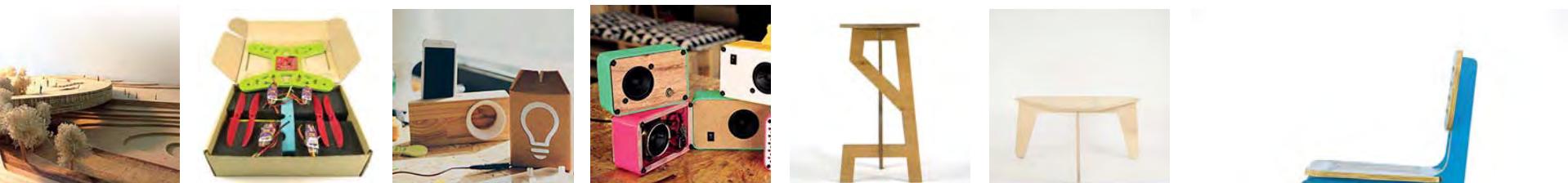


ARCHITECT
DESIGNER
MAKER



product design

Collection of works in collaboration with Fab Lab Seoul, DVA Architects, different museums and freelance works.
Experimentation of the limits and possibilities of digital fabrication. Educational kits, furniture, spaces, performances and smart devices.



ARCHITECT
DESIGNER
MAKER