ARCHITECTURE PORTFOLIO + CV
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ELIA SOLIS RODRIGUEZ
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"Todo gran arquitecto es necesariamente un gran poeta. Debe ser un interprete original de su tiempo, sus días, su edad."

Frank Lloyd Wright

"Un arquitecto es un dibujante de sueños."

Grace McGarvie

“La arquitectura, a diferencia del arte, no puede existir sin personas.”

Kjetil Trædal Thorsen

SOBRE MI:

ABOUT ME:

Mi arquitectura se caracteriza por la búsqueda del equilibrio entre la persona y el medio. Creando edificios sostenibles que sean respetuosos con la arquitectura local y que a su vez se adapten a las tecnologías y necesidades actuales.

My architecture tries to find the equilibrium between people and environment.Created sustainable buildings that respect the local architecture
but at the same time that adapt to current technologies and needs.

INDEX...

Education

2016 | 2017 — Master BIM Manager with Autodesk Revit
Animum Creativity Advance School (Málaga-Spain)

2014 | 2016 — Grado Arquitectura
San Jorge University (Zaragoza-Spain)

2013 | 2015 — Master of Architecture
University College Dublin (National University of Irland)

2010 | 2013 — Bachelor of Science (Architectural Science)
University College Dublin (National University of Irland)

Technical Skills

Os Windows		●●●●●
Office	Word	●●●●○
	Power Point	●●●●○
2D, 3D and Rendering	Autocad	●●●●○
	Revit	●●●●○
	Sketchup	●●●○○
	3D Max Studio	●●○○○
	Lumion	●●●●○
Image	Photoshop	●●●○○
	Illustration	●●○○○
	Indesing	●●○○○
Technical Programs	CYPE Cad	●●○○○
	Naviswork	●●○○○
	Arquimedes	●●○○○
	CE3X	●●●○○
	Calender	●○○○○

Workshops And Certifications

2018 — Upper Intermediate Level/B2 Workshop (6 months)
ACE English Malta

2018 — Certificate Cambridge English: B1 Preliminary (PET)
Cambridge

2016 — Consolfood - Solar Cooking Workshop (24 hours)
University of Algarve (Faro-Portugal)

2016 — Architecture Visualization 3Ds Max (50 hours)
3D Cube Professional Tech Institute (Málaga-Spain)

2015 — Cal-Earth Basic Superadobe Workshop (55 hours)
Cal-Earth Institute California

2014 — Architecture Integration and Civic Humanism Expert (1 year)
San Jorge University (Zaragoza-Spain)

2013 — Advance Autocad 2D and 3D (80 hours)
CAD Informática (A Coruña-Spain)

Others Skills

Problem Solving
Communication
Creativity
Responsability
Team Work
Detail-Oriented
Enviroment Sensibility
BioConstruction

ARCHITECT / BIM MANAGER

About Me:

Name	Elia Solís Rodríguez
Nationality	Spain
Date of Birth	13/12/1989

Contact Me:

Email	eliasolisrodriguez@gmail.com
Phone	+34 678934061
Website	www.eliasolis.com

Language

Spanish — Galician — English

Activities and Achievements

Interships

O.A.K - Manchester (England)
(June 2005 - September 2005)

I.E.S Maria Casares - Warsaw (Poland)
(May 2007 - July 2007)

ACE Malta School (Malta)
(October 2017 - April 2018)

Volunteering

ONG Arquitectos Sin Fronteras (A Coruña) - 2014
Building Bioconstruction House (A Coruña) - 2015
Aulaga Sostenible Enviroment (Málaga) - 2016

Special mention - Final Degree Project in a local newspaper(A Coruña - Spain)

Work Experience

Architect	Samuel Formosa	(February-July 2021)	MALTA	Design, documentation, and site supervision in different residential projects. PA applications and technical support
Architect	JCAssociates	(October 2018-Jannuary 2021)	MALTA	Design, documentation, and site supervision in different residential projects. PA applications and technical support
Architect	Enrique Mapelli	(August 2015-November 2016)	Málaga-SPAIN	Draughtswoman and technical support in different residential projects as well as reform and rehabilitation.
Commercial	Comite Español ACNUR	(June - September 2012)	Almería-SPAIN	Know international conflicts, to be able to sensitize the population about them, and learn commercial techniques.

- Urban Garden -

"A small step towards self-sufficient city"

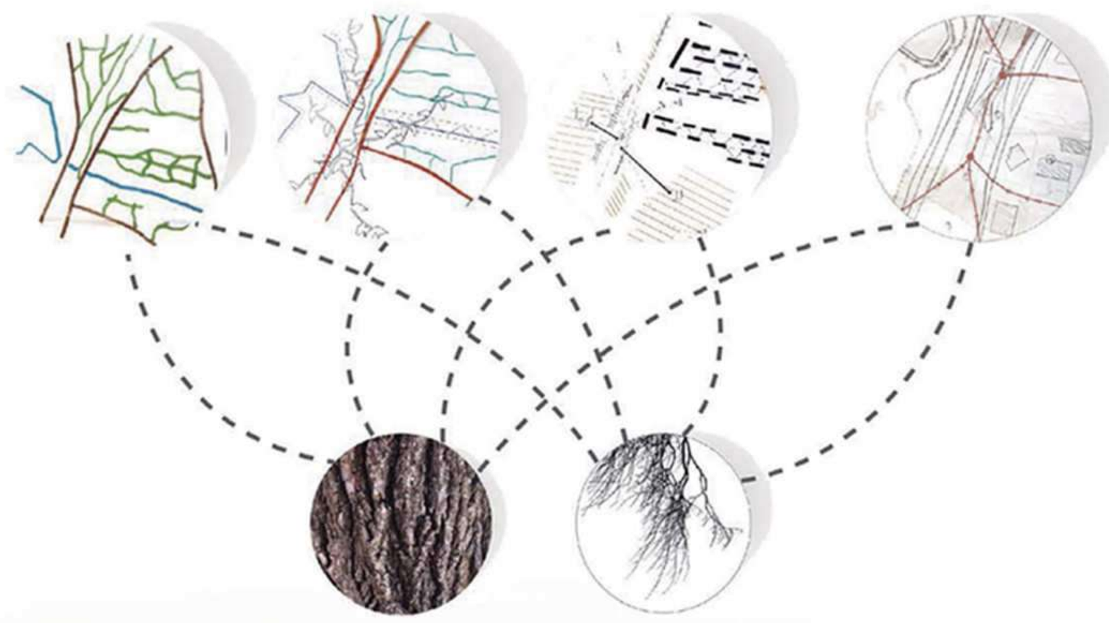
"The very essence of architecture consists of a variety and development reminiscent of natural organic life. This is the only true style in architecture."

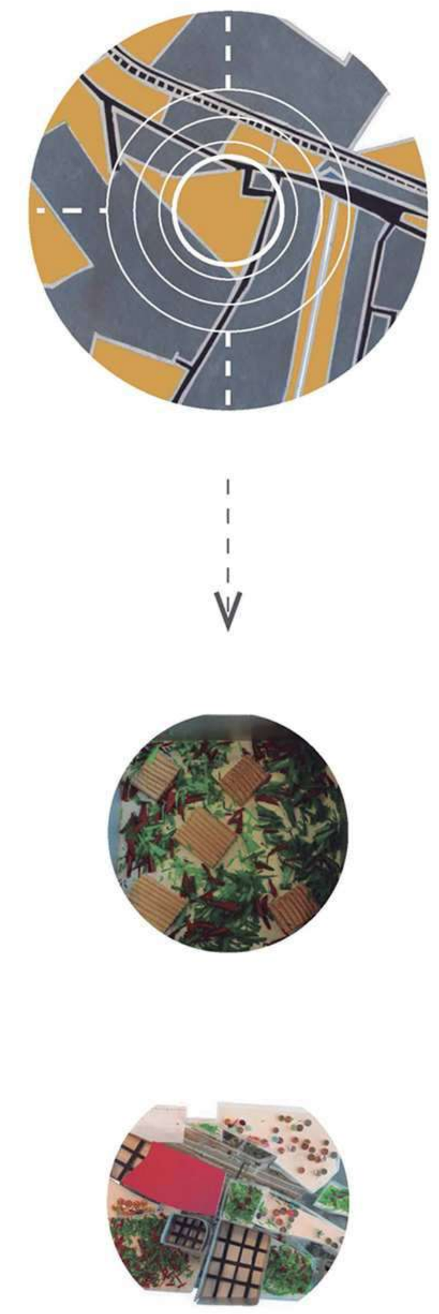
Alvar Aalto

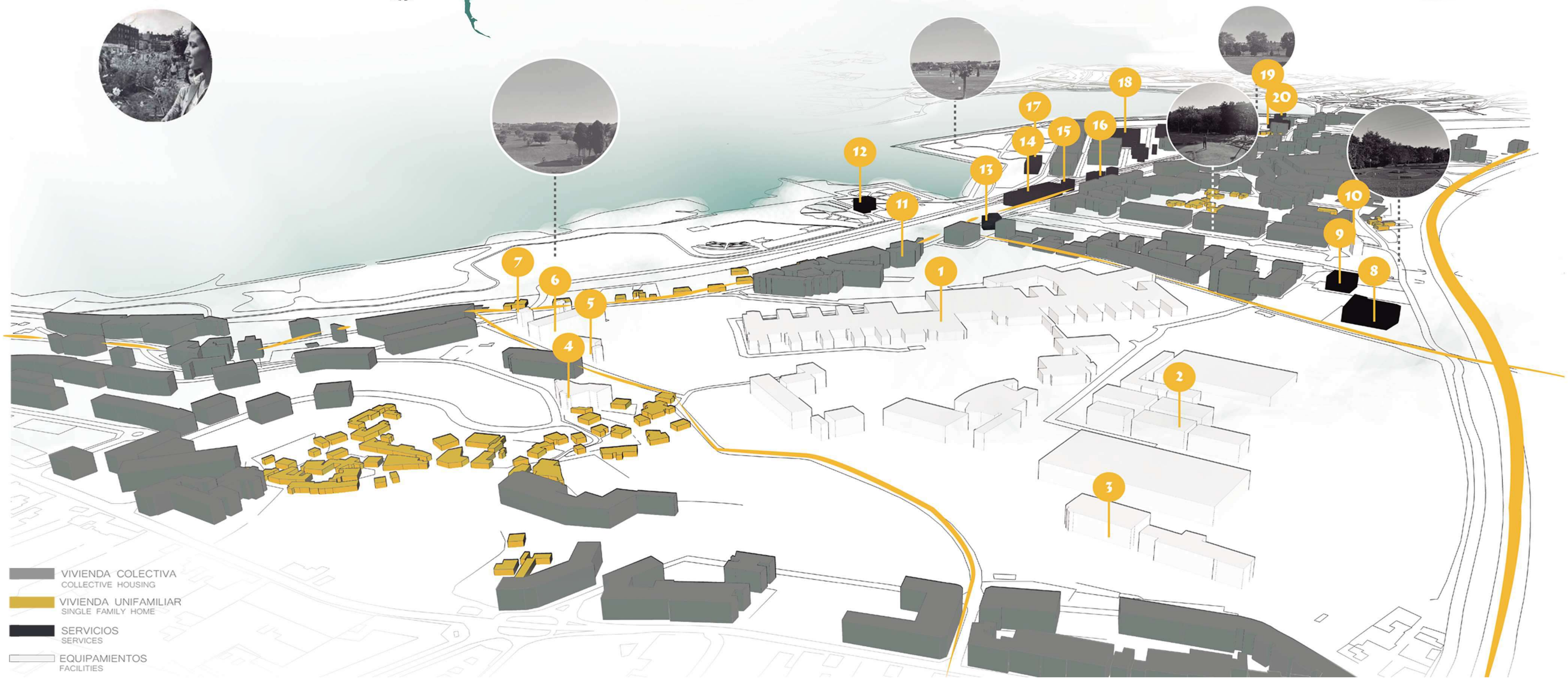
SITE ANALYSIS

- URBAN GARDEN -

A CORUÑA -SPAIN



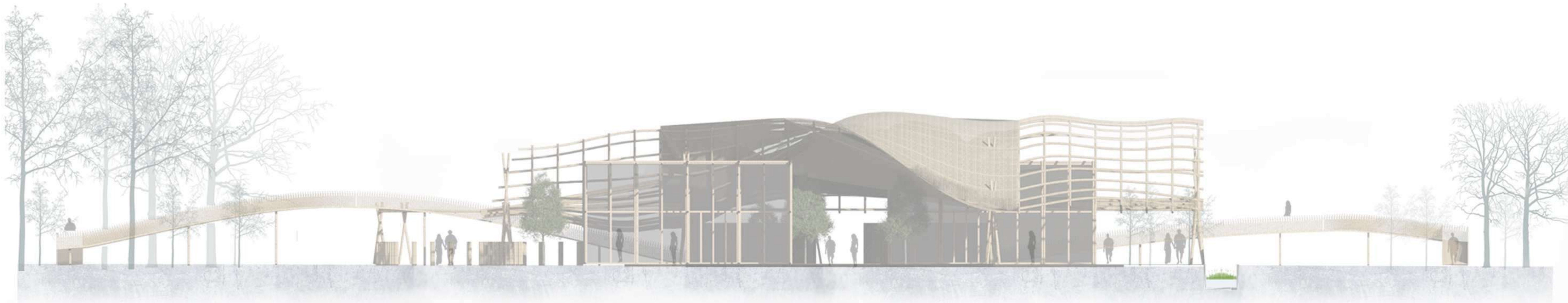




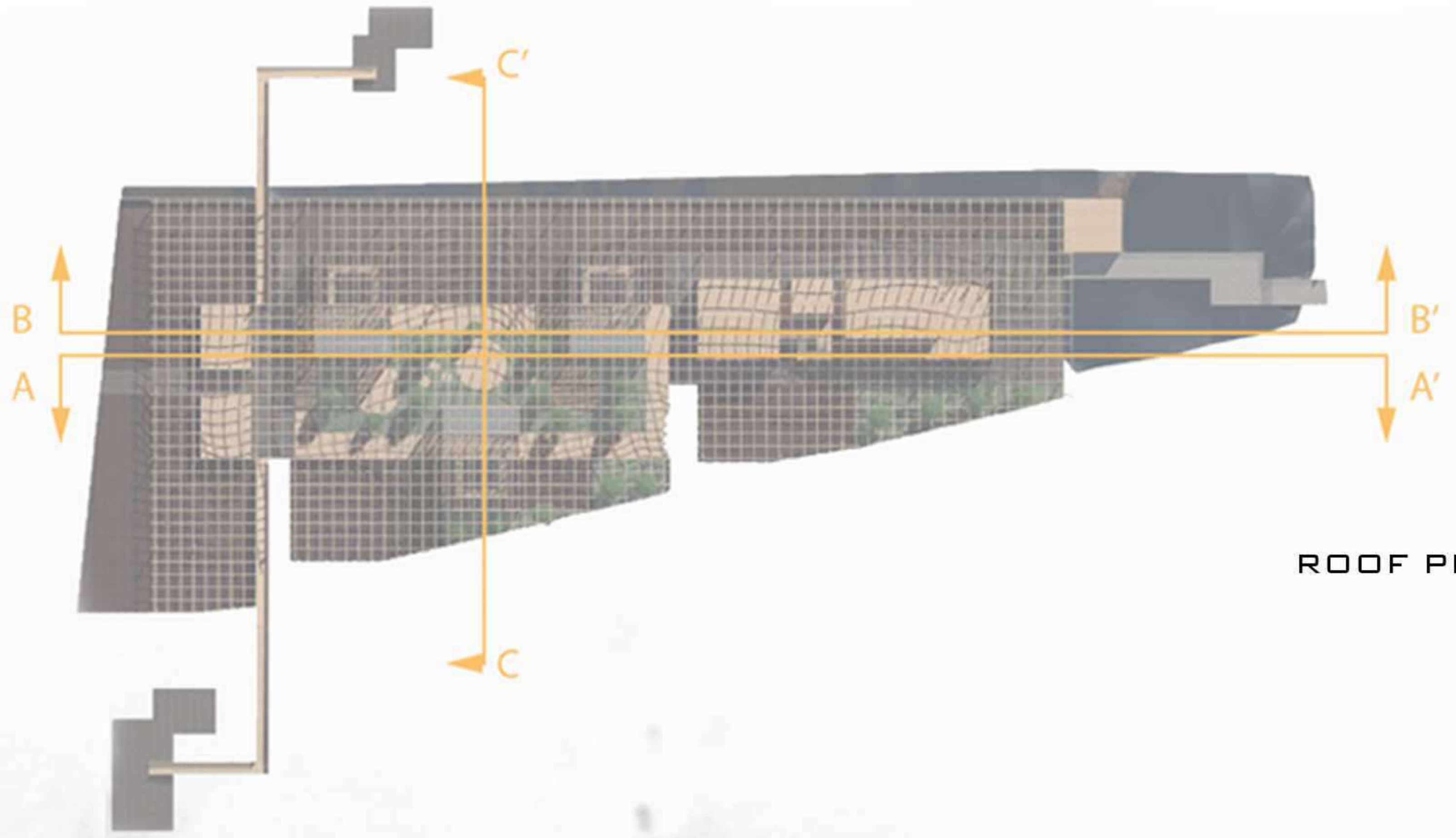
1. UNIVERSIDAD LABORAL — LABORAL UNIVERSITY
2. UNIVERSIDAD LABORAL — INSTALACIONES DEPORTIVAS
3. COLEGIO PÚBLICO — PUBLIC SCHOOL
4. GUARDIA CIVIL — CIVIL GUARD
5. COLEGIO PÚBLICO — PUBLIC SCHOOL
6. COLEGIO PÚBLICO — INSTALACIONES
7. COMISARIA P.LOCAL — POLICE
8. SUPERMERCADO — SUPERMARKET
9. CENTRO DE SALUD — HEALTH CENTER
10. CONSERVATORIO
11. GASOLINERA — FUEL STATION
12. JARDÍN BOTÁNICO — BOTANIC GARDEN
13. CENTRO DE DÍA ANCIANOS — CENTER FOR THE ELDERLY
14. CENTRO DE JUVENTUD — YOUTH CENTRE
15. CENTRO DE ENFERMEDADES RARAS — RARE DISEASE CENTER
16. ESTACIÓN DE TREN — STATION
17. PISTAS DEPORTIVAS — SPORTS TRACKS
18. EDIFICIOS INSTITUCIONALES — INSTITUTIONAL BUILDINGS
19. SUPERMERCADO — MARKET
20. TABACALERA — OLD FACTORY TABACO


PLANO DE SITUACIÓN
SITUATION PLAN
1 VESTUARIOS
DRESSING ROOM
2 ADMINISTACIÓN Y ALMACÉN
ADMINISTRATION AND WAREHOUSE CROP
3 MERCADO TEMPORAL
TEMPORARY MARKET
4 INVERNADERO
CLIMA MEDITERRÁNEO
GREEN HOUSE MEDITERRANEAN CLIMATE
5 INVERNADERO
CLIMA OCEÁNICO
GREEN HOUSE OCEANIC CLIMATE
6 BANCAL MINUSVÁLIDOS
BANCAL HANDICAPPED
7 INVERNADERO
CLIMA SUBTROPICAL
GREEN HOUSE SUBTROPICAL CLIMATE
8 TALLERES WORKSHOP
TALLER DE COCINA KITCHEN WORKSHOP
TALLER DE CULTIVO GROWING WORKSHOP
9 HUERTO ESCOLAR
SCHOLAR ORCHARD
10 ASCENSOR
ELEVATOR
11 SERVICIOS
SERVICES
12 ALMACÉN
WAREHOUSE MAINTENANCE
13 SALÓN DE ACTOS
LECTURE HALL
14 CAFETERÍA
CAFETERIA
15 TALLER DE ALGAS
INVESTIGATION
16 RUINAS
RUINS
17 MIRADOR
MIRADOR
18 CANAL
TRATAMIENTO DE ALGAS
ARCÓN DE ALMACENAMIENTO
BUNKERS
ZONA DE ARBUSTOS
AREA BUSHES
CONTENEDORES DE COMPOST
COMPOST CONTAINERS
SEMILLEROS
APARCAMIENTO BICICLETAS
ÁRBOLES FRUTALES
TAQUILLAS
TOMA DE RIEGO
ZONA DE CULTIVO
PLANTAS AROMÁTICAS
APARCAMIENTO
PLANTA PRIMERA
FIRST FLOOR
1 BIBLIOTECA
LIBRARY
1 REVISTAS
JOURNALS
2 ORDENADORES
COMPUTERS
3 LECTURA
READING
4 CONSULTA
CONSULTATION
5 CONTROL
CONTROL
2 BAÑOS
BATHROOMS
3 MANTENIMIENTO
MAINTENANCE
4 ÁREA DE DESCANSO
REST AREA
5 AULAS
CLASSROOMS
6 BAR-CAFETERÍA
BAR
- URBAN GARDEN -
MASTERPLAN
DISTRIBUTION
0,4 m
0,5 m
0,4 m
0,4 m
0,5 m
0,4 m
MAIZ
SANDÍA
MELÓN
MAIZ
PATATAS
PRIMER AÑO
COLES
LECHUGA
BROCOLI
LECHUGA
SEGUNDO AÑO
JUDIAS
JUDIAS
JUDIAS
MAIZ
TOMATES
TOMATES
PIMIENTOS
BERENJENAS
TERCER AÑO
PLANTAS COLOCADAS EN CORROS
ALREDEDOR DE UNA
ZONA DE RIEGO
TRIGO
FRIJOL
TUBERÍA DE RIEGO
WATER
RECYCLING
URBAN GARDEN RULES
organic
food
ACCESO A SERVICIOS
COMUNES
LOTE DE TIERRA
INDIVIDUAL
TAQUILLA
PROPIA
GREENHOUSE VIEW

SECTION A-A'



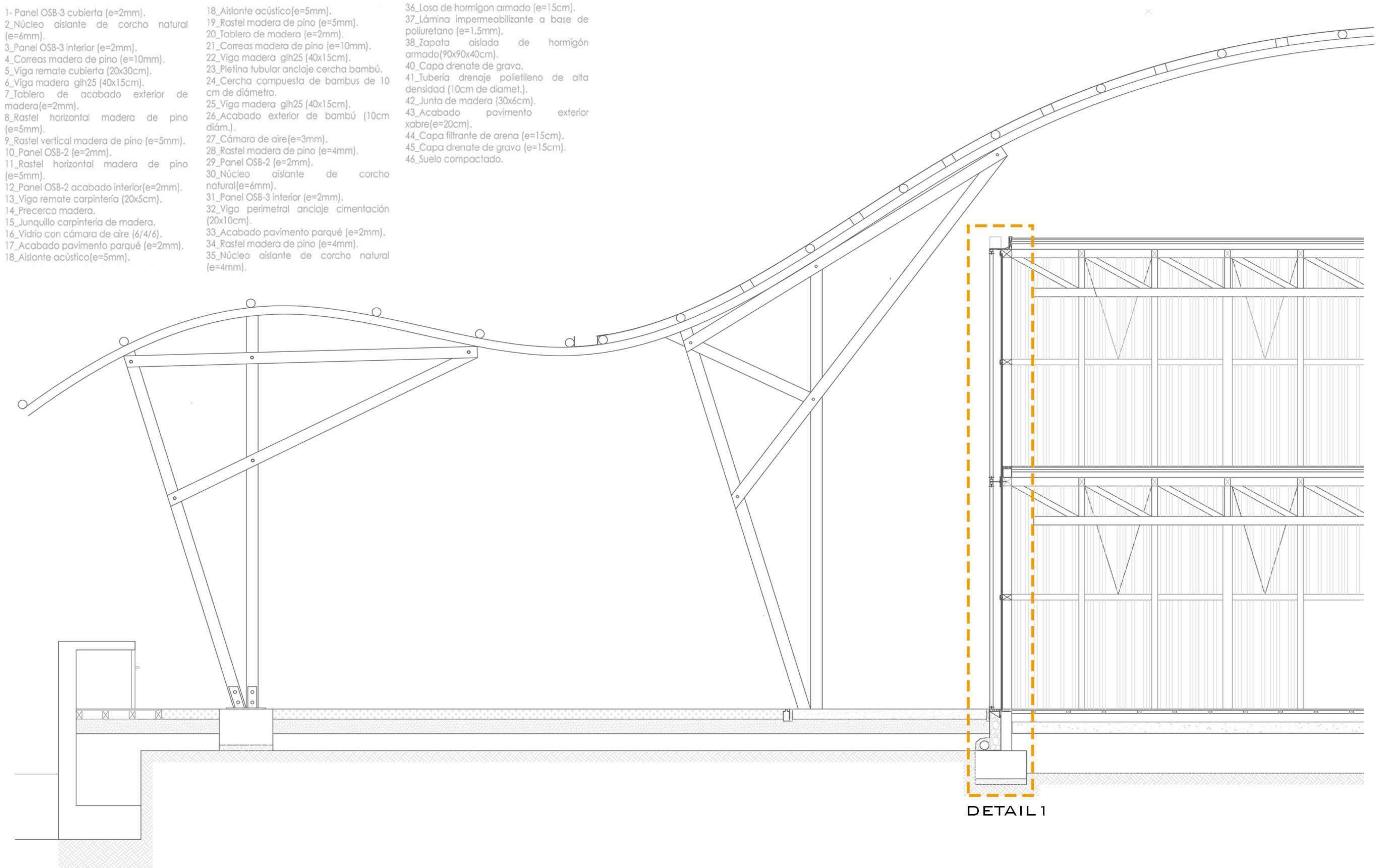
SECTION C-C'



ROOF PLAN

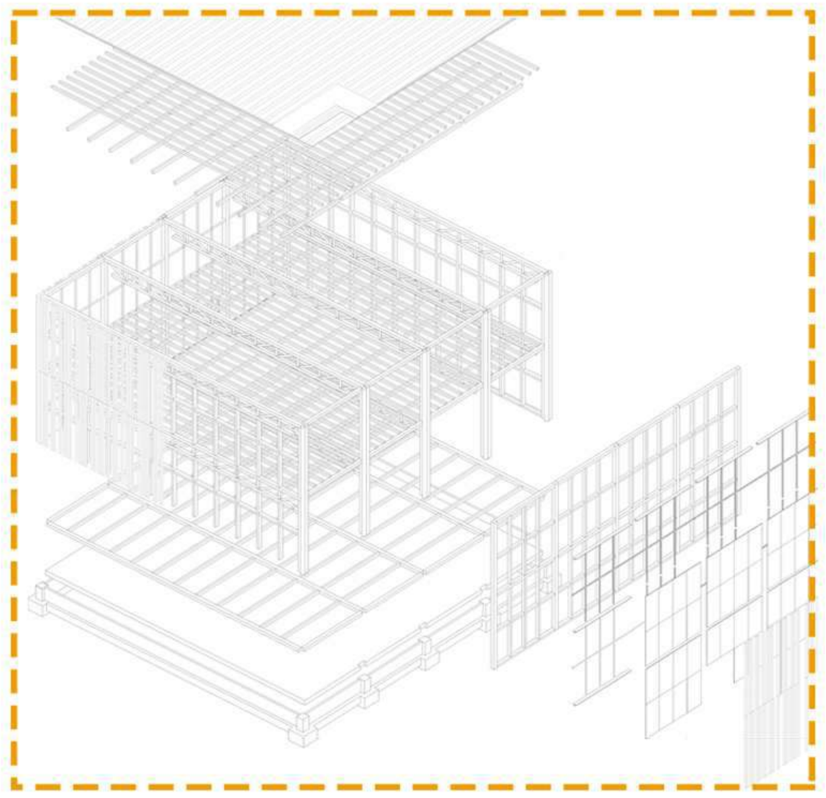
PHOTOMONTAGE

1- Panel OSB-3 cubierta (e=2mm).
2_Núcleo aislante de corcho natural (e=6mm).
3_Panel OSB-3 interior (e=2mm).
4_Correas madera de pino (e=10mm).
5_Viga remate cubierta (20x30cm).
6_Viga madera glh25 (40x15cm).
7_Tablero de acabado exterior de madera(e=2mm).
8_Rastel horizontal madera de pino (e=5mm).
9_Rastel vertical madera de pino (e=5mm).
10_Panel OSB-2 (e=2mm).
11_Rastel horizontal madera de pino (e=5mm).
12_Panel OSB-2 acabado interior(e=2mm).
13_Viga remate carpintería (20x5cm).
14_Precerco madera.
15_Junquillo carpintería de madera.
16_Vidrio con cámara de aire (6/4/6).
17_Acabado pavimento parqué (e=2mm).
18_Aislante acústico(e=5mm).
18_Aislante acústico(e=5mm).
19_Rastel madera de pino (e=5mm).
20_Tablero de madera (e=2mm).
21_Correas madera de pino (e=10mm).
22_Viga madera glh25 (40x15cm).
23_Pletina tubular anclaje cercha bambú.
24_Cercha compuesta de bambus de 10 cm de diámetro.
25_Viga madera glh25 (40x15cm).
26_Acabado exterior de bambú (10cm diám.).
27_Cámara de aire(e=3mm).
28_Rastel madera de pino (e=4mm).
29_Panel OSB-2 (e=2mm).
30_Núcleo aislante de corcho natural(e=6mm).
31_Panel OSB-3 interior (e=2mm).
32_Viga perimetral anclaje cimentación (20x10cm).
33_Acabado pavimento parqué (e=2mm).
34_Rastel madera de pino (e=4mm).
35_Núcleo aislante de corcho natural (e=4mm).
36_Losa de hormigon armado (e=15cm).
37_Lámina impermeabilizante a base de poliuretano (e=1,5mm).
38_Zapata aislada de hormigón armado(90x90x40cm).
40_Capa drenate de grava.
41_Tubería drenaje polietileno de alta densidad (10cm de diamet.).
42_Junta de madera (30x6cm).
43_Acabado pavimento exterior xabre(e=20cm).
44_Capa filtrante de arena (e=15cm).
45_Capa drenate de grava (e=15cm).
46_Suelo compactado.

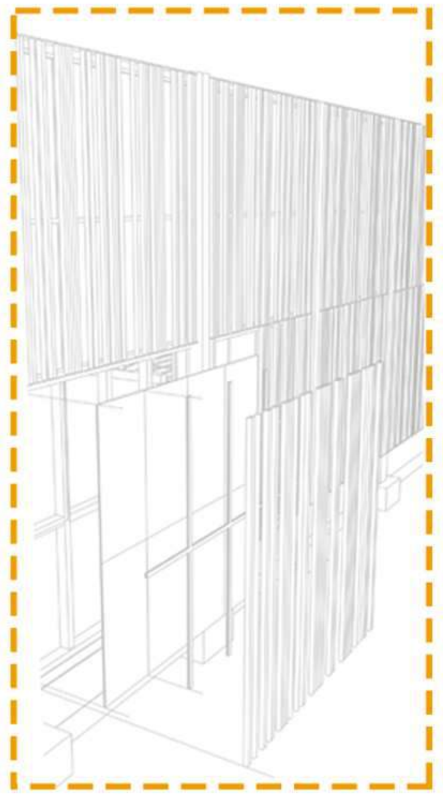


DETAIL 1

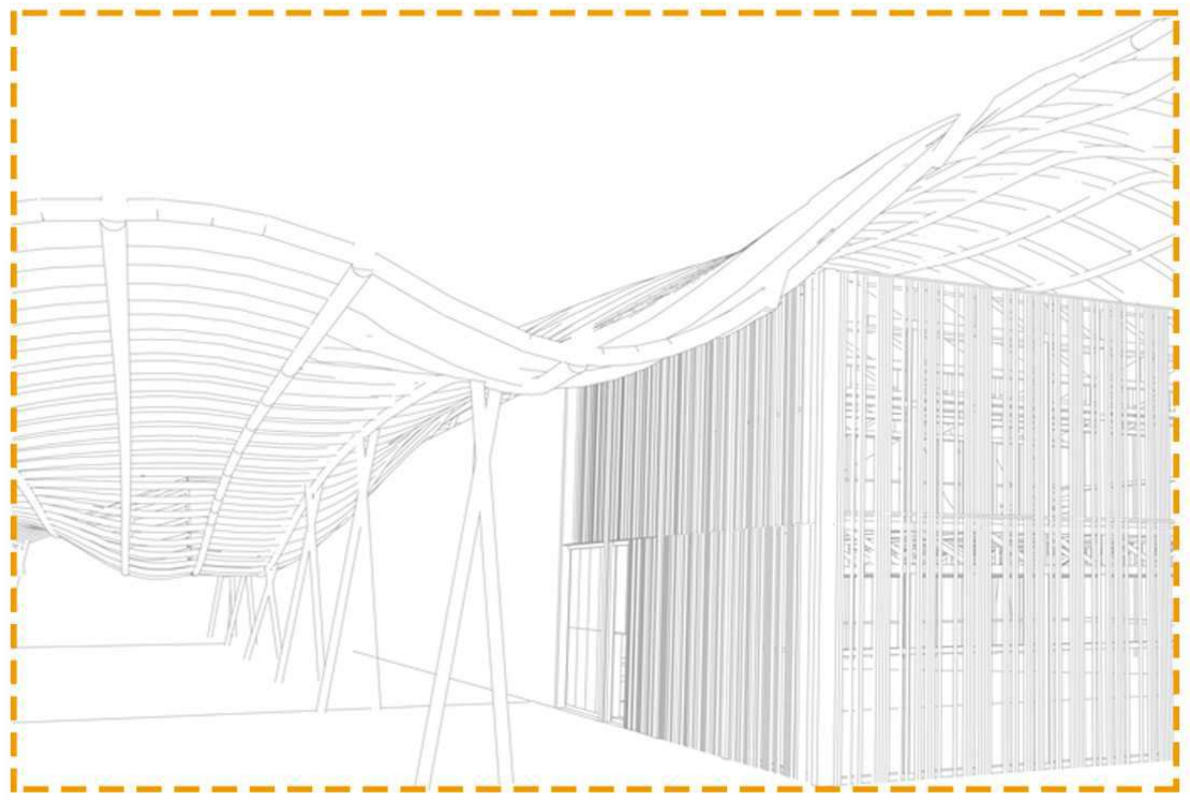
AXONOMETRIC

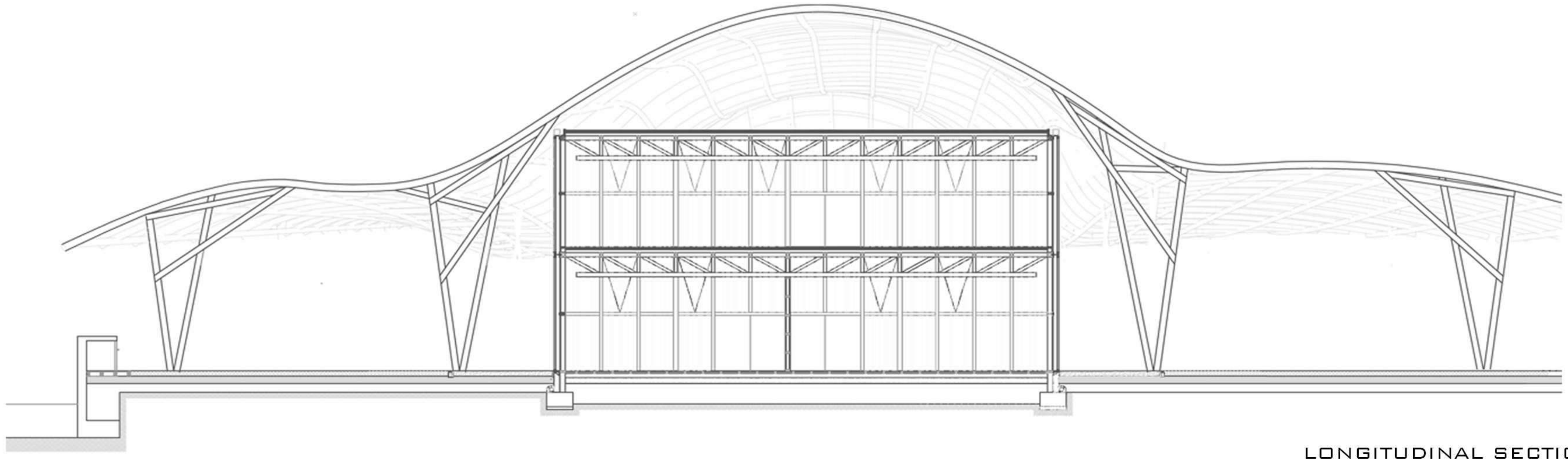


VIEW 1

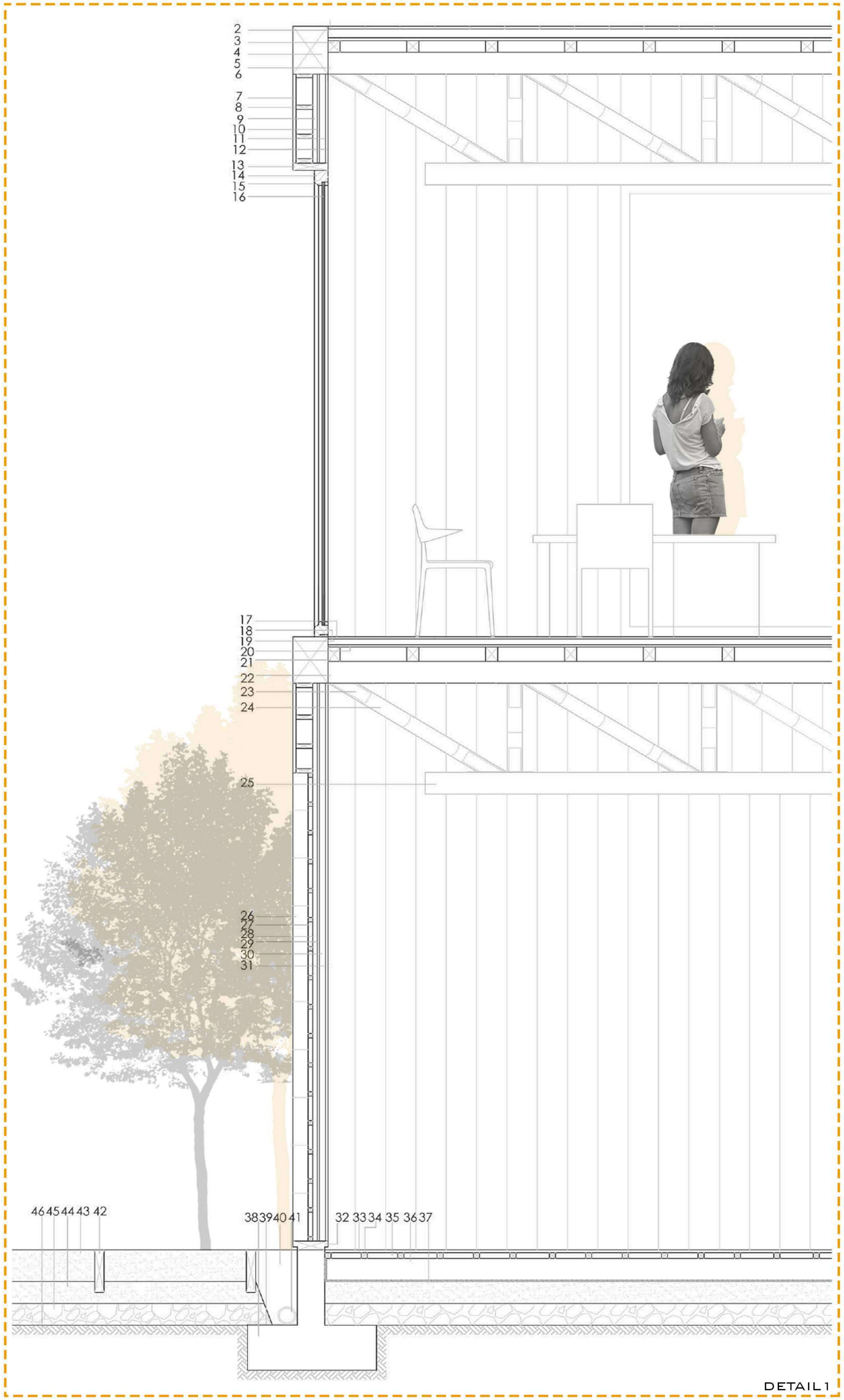


VIEW 2





LONGITUDINAL SECTION

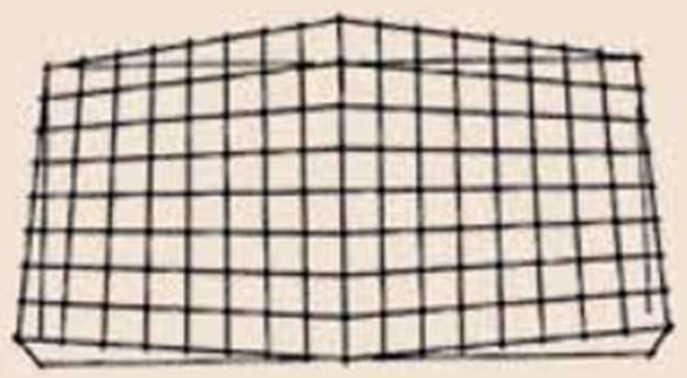


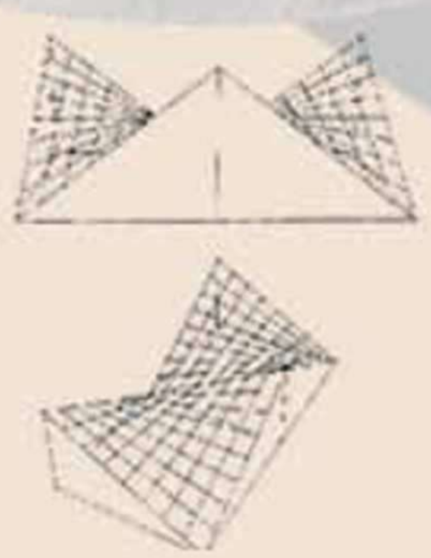
DETAIL 1

- Urban Garden -

A Coruña -Spain

Con el paraboloide creamos la sensación de una superficie curva a través de elementos rectos



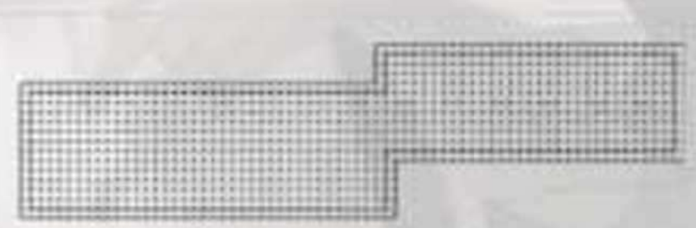


We create an paraboloid feeling of a surface curve

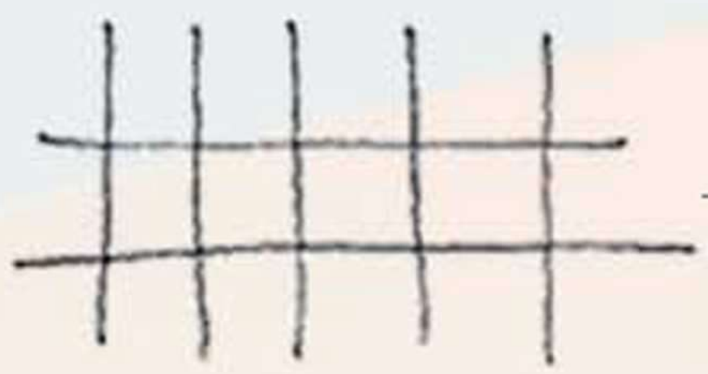
NATURALEZA CUBIERTA
NATURE COVER

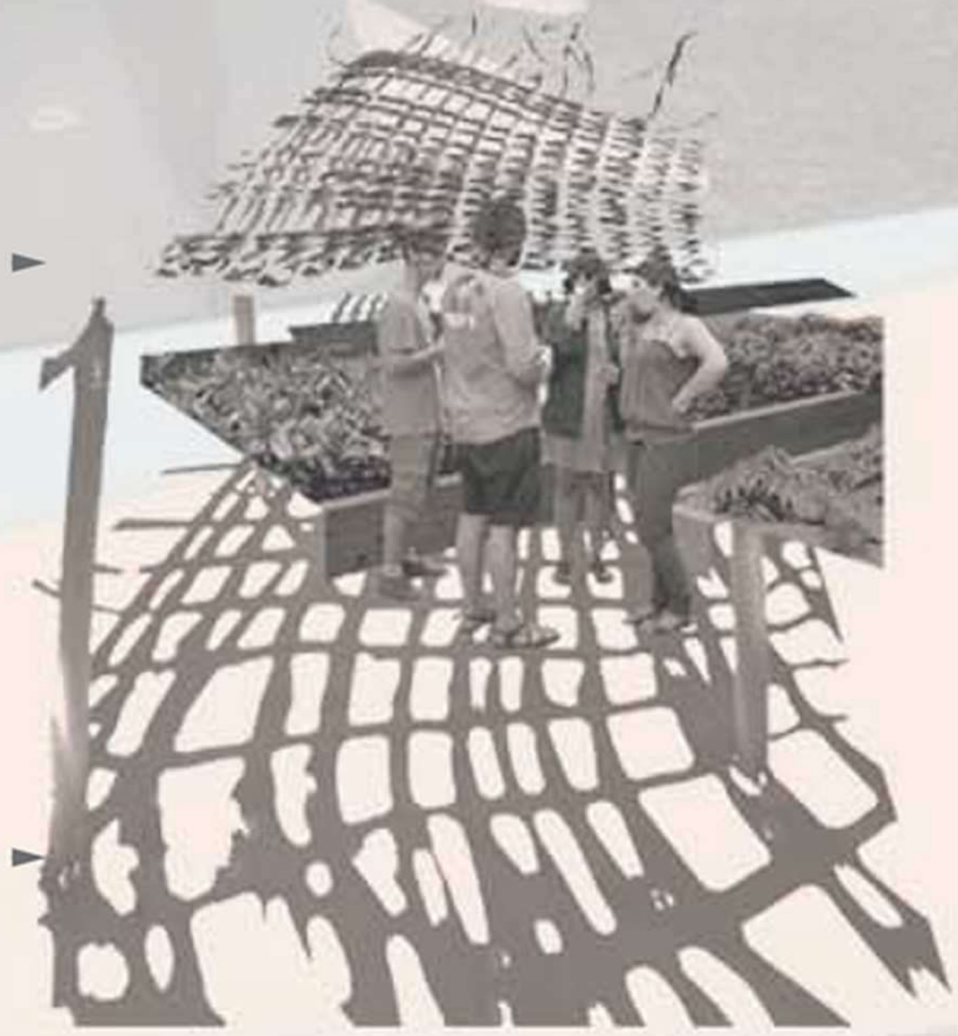
MODELIZACIÓN CUBIERTA
MODELING COVER

Partimos de una malla de 2,5 x 2,5 m
We start from a mesh 2,5 x 2,5 m



RACIONALISMO HUERTOS
RATIOLIALISM GARDENS






- ELDERCARE HOME -
BURMARRAD

LEGEND

- SITE BOUNDARY
- ENTRANCE TO BUILDING
- ENTRANCE TO PLOT
- ENTRANCE TO GARAGE
- STAIRCASE
- CIRCULATION
- ROAD
- SWIMMINGPOOL
- VEGETATION
- PATHS
- PONDS
- PERGOLA
- BRIDGE
- GROUP SEATING

- 1 DROP-OFF AREA
- RECEPTION
- MEDICAL+SPECIALIZED RECREATION
- ANCILLARY
- SHOPS / FACILITIES
- MULTIPURPOSE SPACE
- RESTAURANT
  - KITCHEN
  - WC
- LEISURE AREA
- PIAZZA
- GAMES AREA
- RESIDENTIAL AREA

PHOTOMONTAGE 1

PHOTOMONTAGE 2

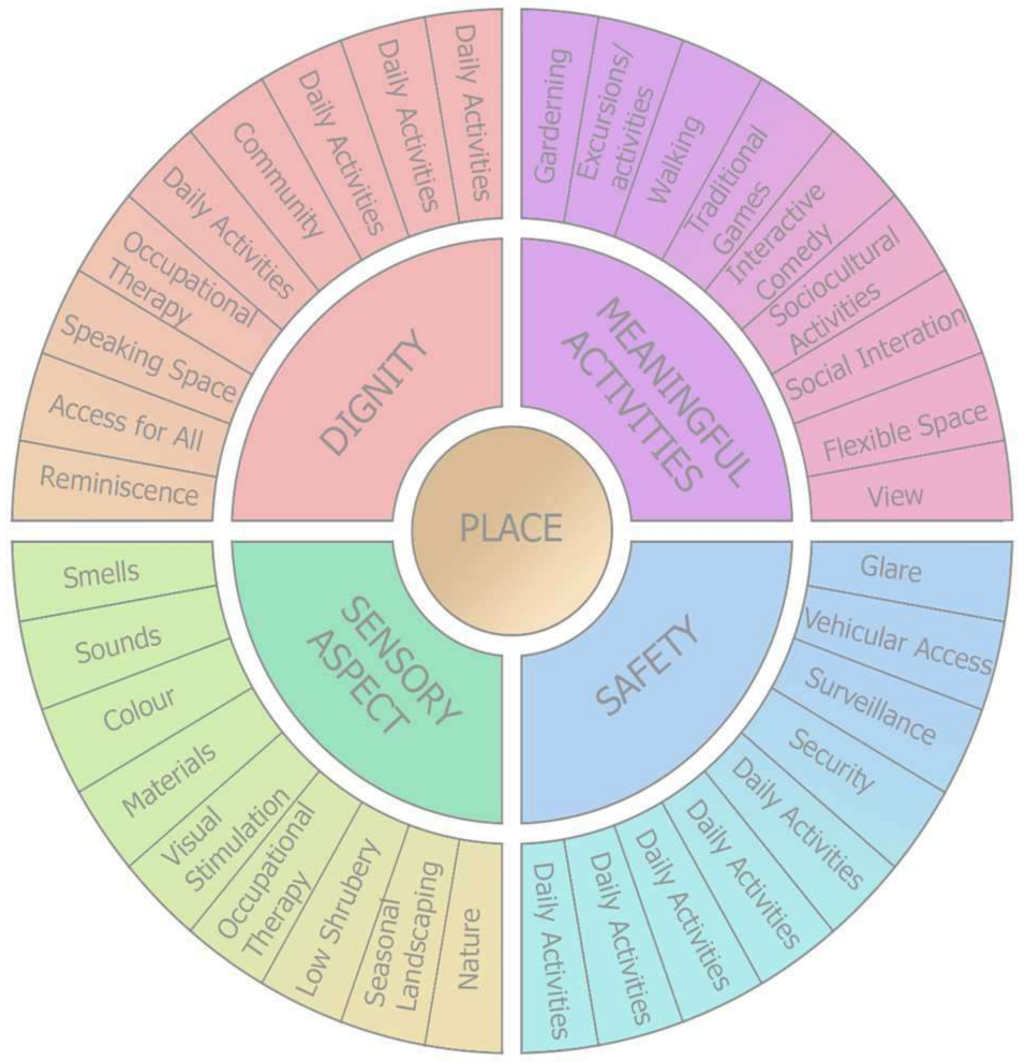
MASTERPLAN

AXONOMETRY

Dignity

Even though people suffering from dementia have less cognitive and physical ability, we should still design around them to make sure they are comfortable.
Dignity includes, access for all, the use of appropriate seating spaces that their mind can comprehend, and the use of architecture that is found in their past memories, which both helps them relate to the object as well as triggers their memory. This is also aided by the aspect of time, that is, different sounds, sights and activities repeated at different times of day, week, month and year that indicate the passage of time like festive decorations and music, seasonal vegetables, and flowers. Seasonal memory triggers are also aided by the items displayed in the shop windows, which vary according to the time within the year. Currently, the dementia patients line up in their corridor where they can meet the most people and facing the garden. Because of this, the busiest activities are concentrated around the centre of the garden where they would be most visible.






Meaningful Activities

Following with the previous objective, a spectrum of activities should be provided to keep the users busy and occupied. Activities should be meaningful, boosting the patients' self-esteem. Occupational therapy helps patients keep their brain active, improving their life.
The most important activities are:

- Games such as Boċċi
- Pop-up shops that can be run by nurses supervising the elderly
- Wheelchair friendly planting beds, and
- The occasional interactive comedy show.
- Sitting in the shade and people watching

It is important that the location and currency of these activities is fixed as change is difficult for dementia patients to comprehend.


Sensory stimulation

The species of landscaping, the sounds of surfaces and the colours used are important and should not be relegated to neutral tones in the name of safety. As a garden it should provide a memorable experience, which leads the viewer on through the park through a layout which is not immediately obvious and rewards exploration. A sense of discovery is also important, to improve the experience of patients, especially dementia patients who tend to forget.


Safety

Paving must be flat and free of intricate textures, with different colours at boundaries and ramps. The shading devices used are chosen to provide soft, homogeneous shadows and prevent glare. The 1:20 ramps are integrated into the design so their purpose is more than just functional. Vehicular access is provided through a concealed exit within a trellis so an ambulance can enter and exit the garden through a loop.

ELEVATION

AREAS

TOTAL AREA .... 23387.55 SQM
BUILT AREA .... 5687.26 SQM
BUILT UP PERCENTAGE.......... 25%

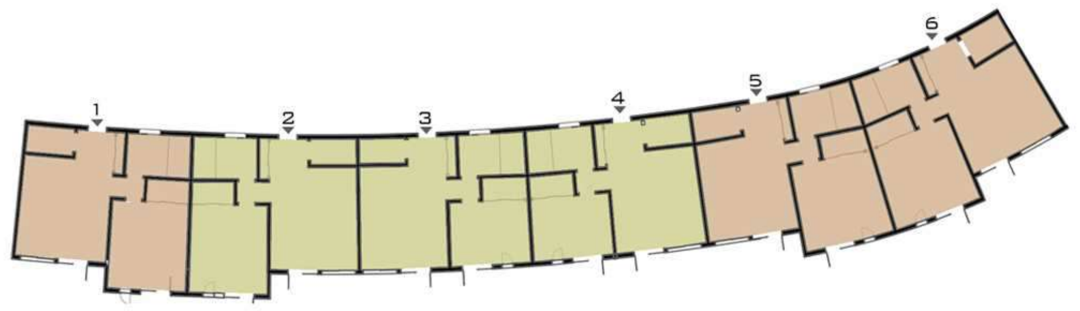
RESIDENTIAL

BUILT AREA ....4098.26 SQM
FLAT AREA .... 68 SQM
NUMBER FLATS FLOOR 55

FACILITIES

BUILT AREA ....1589 SQM

TYPE MODULE



LEGEND

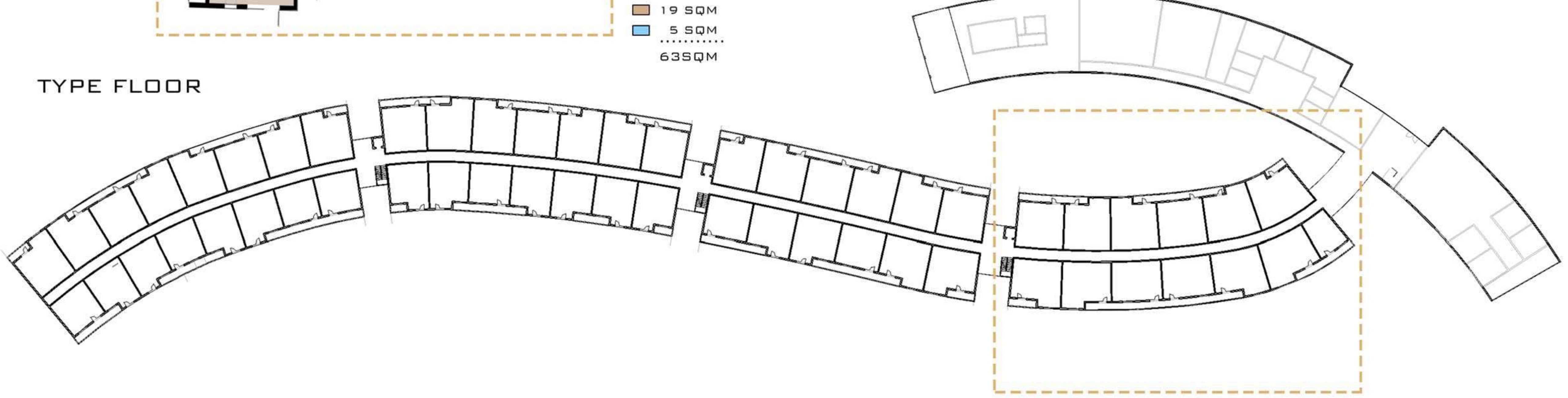
TYPE 1............. 68SQM
TYPE 2 .... 63SQM

TYPE UNIT

TYPE 1
4 SQM
35 SQM
24 SQM
5 SQM
....
68SQM

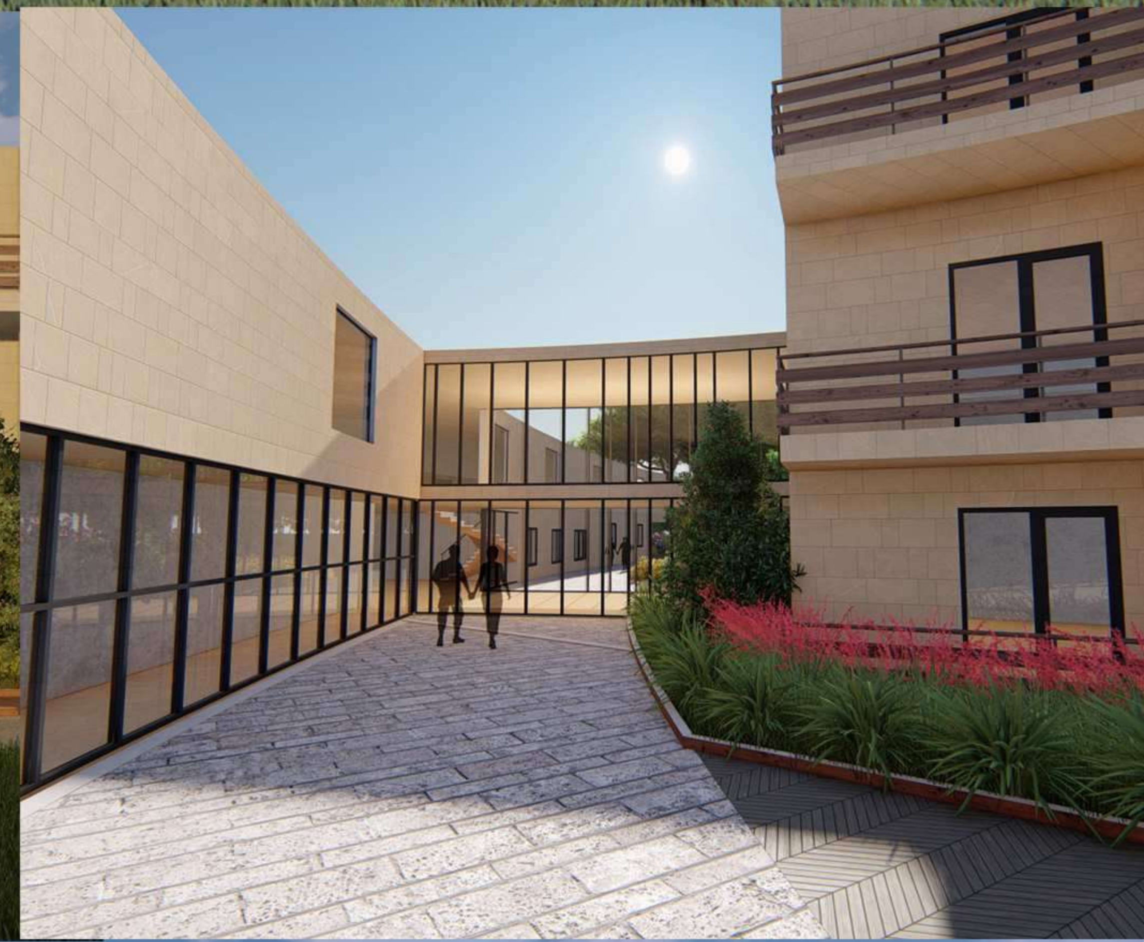
TYPE 2
4 SQM
35 SQM
19 SQM
5 SQM
....
63SQM

TYPE FLOOR



ELEVATION






- MANUFACTURING -

GOZO

MASTERPLAN

THE PROJECT TRY TO BE INTEGRATED AND SENSITIVE WITH ENVIROMENT.
THROUGH THE CREATION OF NATURAL AND OUTDOOR SPACES OF INTERRELATION AND ROOF GARDENS.
THE PROPOSED INCLUDED 6 VOLUMES WITH DIFFERENTS ACTIVITIES

VIEW 1

VIEW 2

SECTION

- EXTENSION AND RESTORATION EXISTING FARMHOUSE -

GOZO

GROUND FLOOR PLAN

FIRS FLOOR PLAN

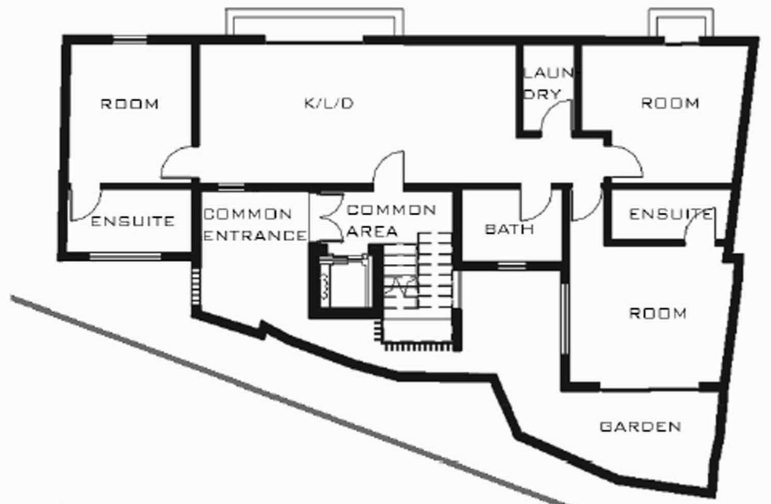
ROOF PLAN

EXTENSION AND RESTORATION EXISTING FARMHOUSE

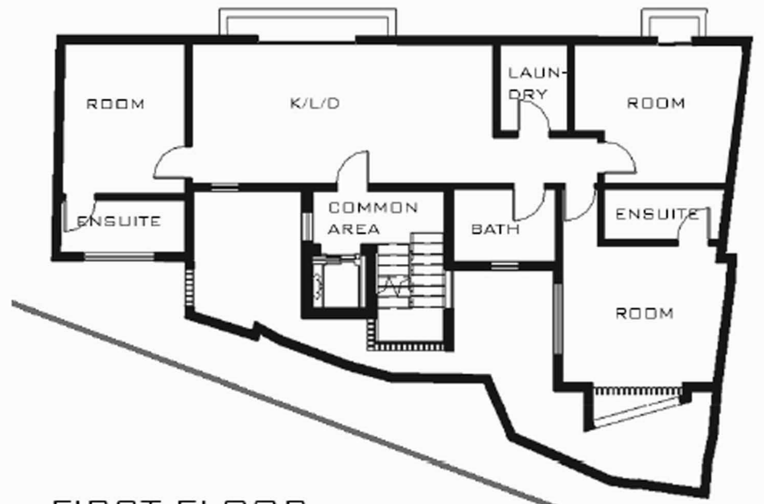
SECTION A-A'

SECTION B-B'

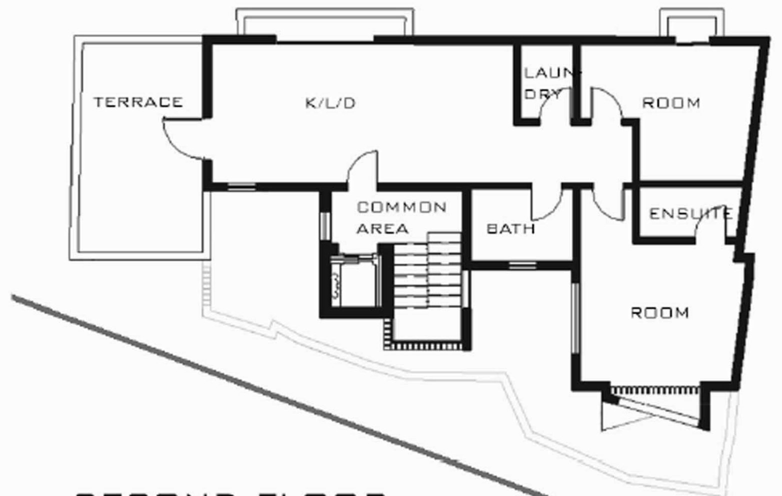
- COLLECTIVE BUILDING -
CONCEPT -MALTA



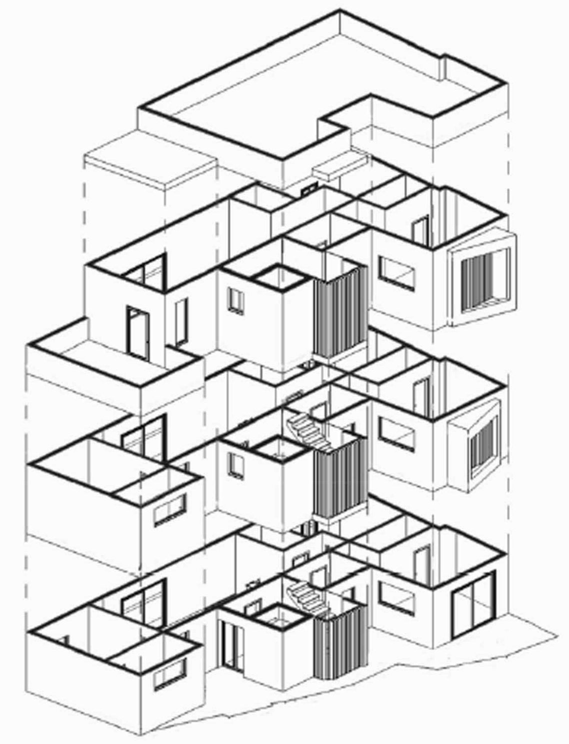
GROUND FLOOR



FIRST FLOOR

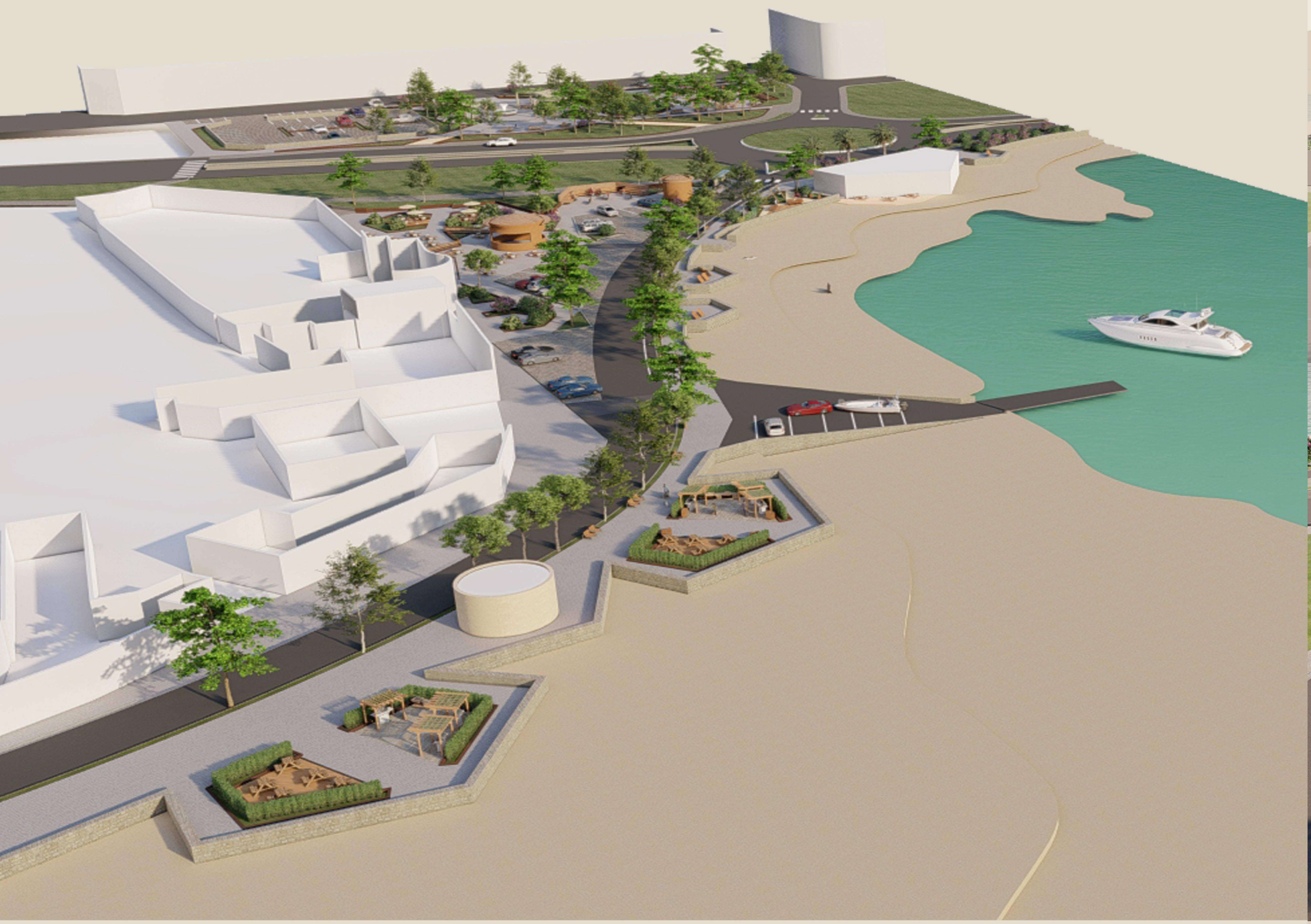


SECOND FLOOR



Refurbishment of Bahar ic-Caghaq Project

- L/O Naxxar -



ministry for tourism and consumer protection(MTA)

- MALTA -

MINISTRY FOR TOURISM AND CONSUMER PROTECTION(MTA)

REFURBISHMENT OF BAHAR IC CAGAHQ PROJECT - LO NAXXAR-

LAYOUT PLAN + VISUALS


BBQ AREA


PIAZZA


BEACH ACCESS


PARK


MASTERPLAN AREA 1


PROMENADE


AERIAL VISUAL


RELAXATION GARDEN


PIAZZA


FOUNTAIN AREA

MASTERPLAN AREA 2

PLAN AREA 2