

ARCHITECTURE PORTFOLIO
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- URBAN GARDEN -

"A SMALL STEP TOWARDS
SELF-SUFFICIENT CITY"



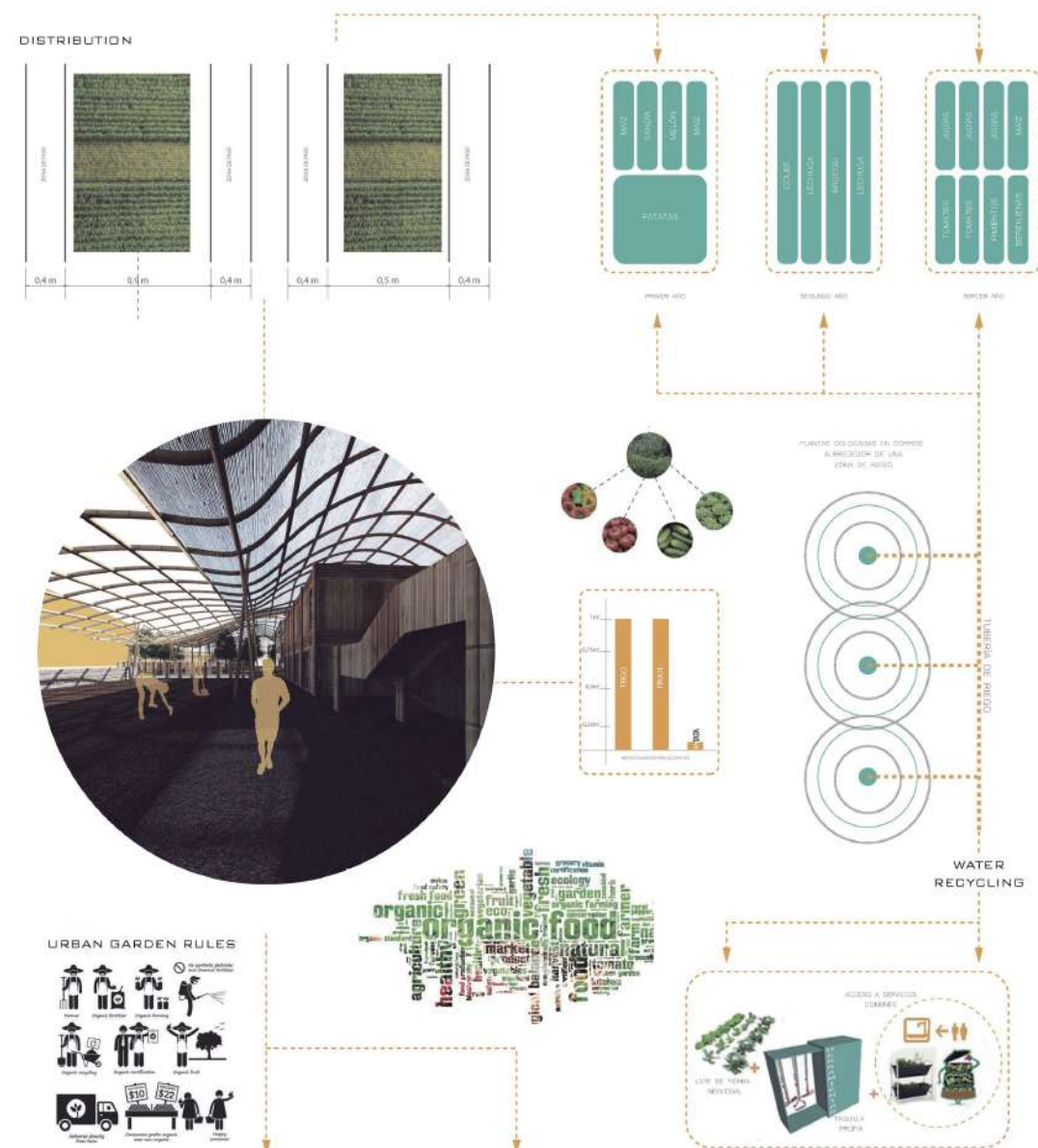
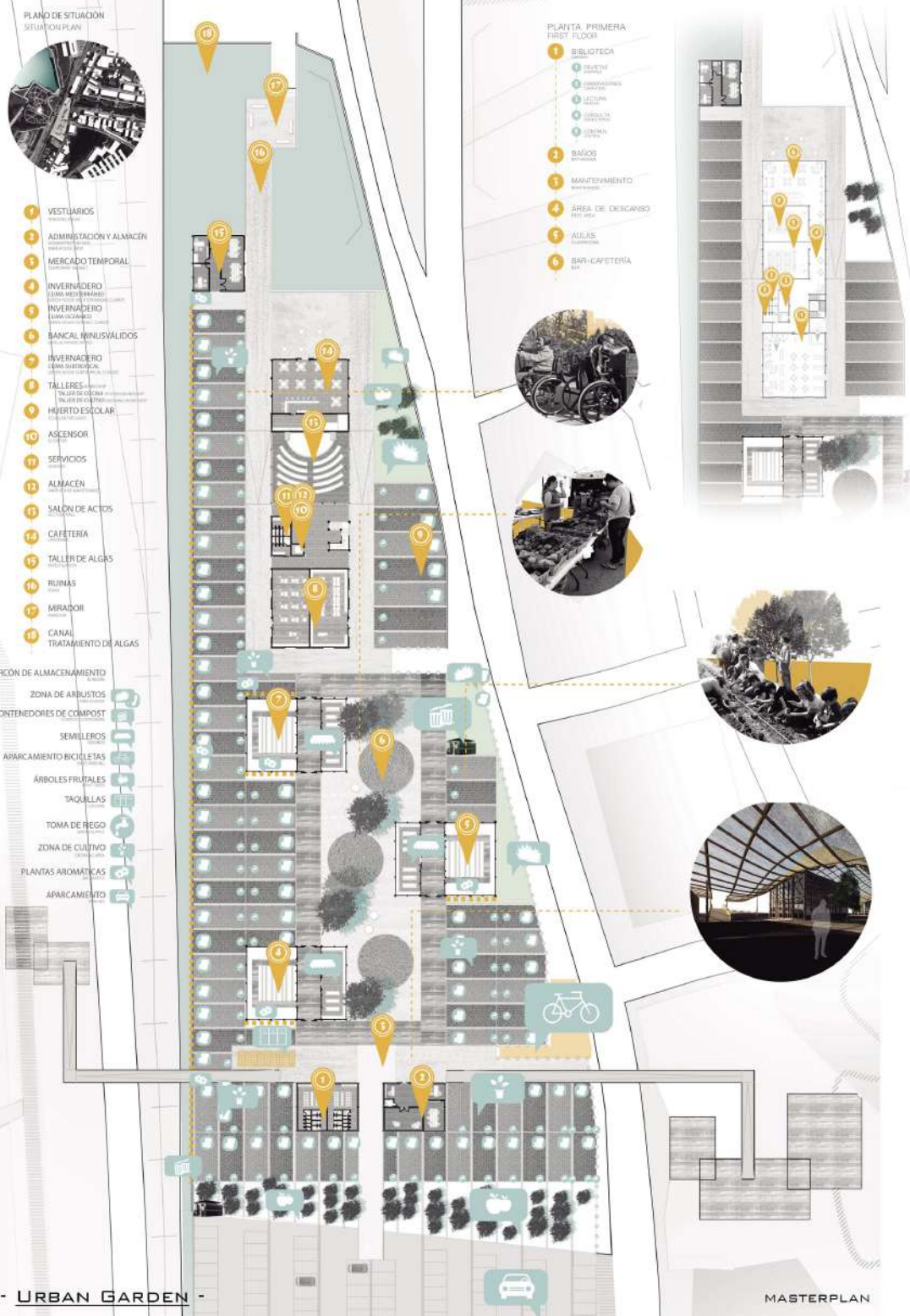
"THE VERY ESSENCE OF ARCHITECTURE CONSISTS
OF A VARIETY AND DEVELOPMENT REMINISCENT OF
NATURAL ORGANIC LIFE. THIS IS THE ONLY TRUE
STYLE IN ARCHITECTURE."

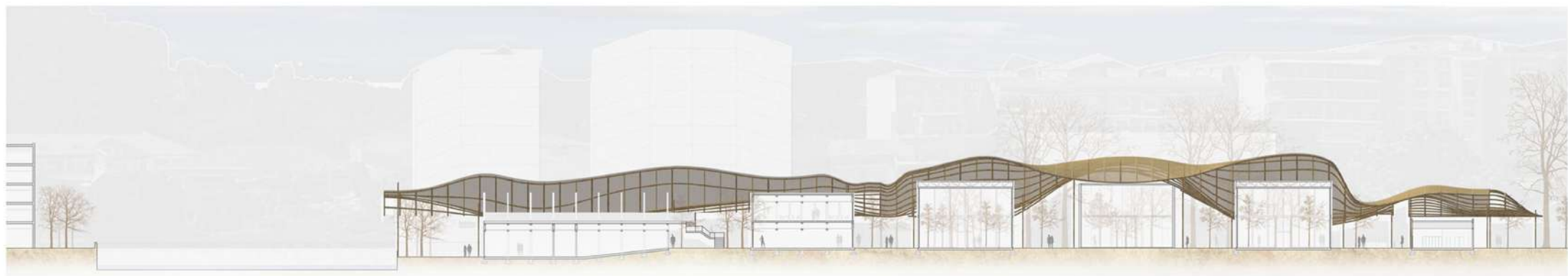
ALVAR AALTO



- VIVIENDA COLECTIVA
COLLECTIVE HOUSING
- VIVIENDA UNIFAMILIAR
SINGLE FAMILY HOME
- SERVICIOS
SERVICES
- EQUIPAMENTOS
FACILITIES

- 1 UNIVERSIDAD LABORAL
LABORAL UNIVERSITY
- 2 UNIVERSIDAD LABORAL
INSTALACIONES DEPORTIVAS
- 3 COLEGIO PÚBLICO
PUBLIC SCHOOL
- 4 GUARDIA CIVIL
- 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
TOBACCO FACTORY

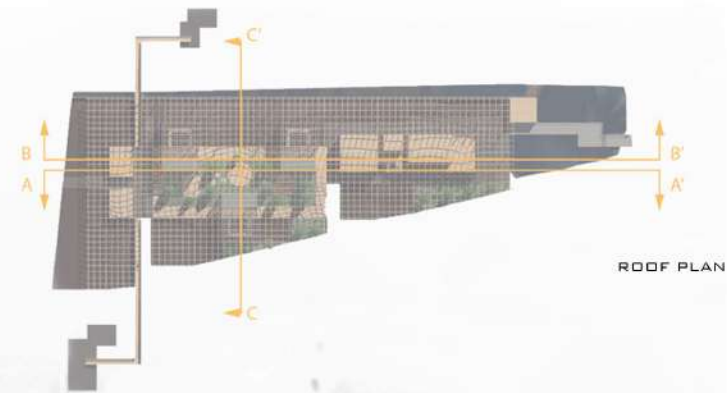




SECTION A-A'



SECTION C-C'



ROOF PLAN

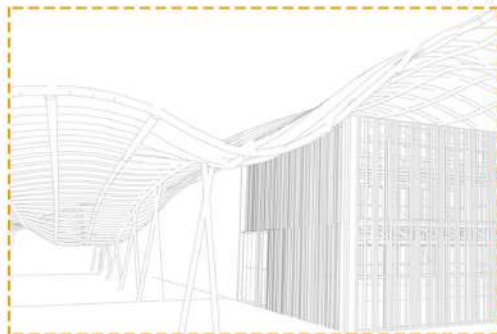


PHOTOMONTAGE

-
- A technical drawing of a curved roof structure. The drawing shows a series of parallel lines representing the roof's profile, with small rectangular elements indicating structural components or fasteners. A dashed yellow box highlights a specific detail of the roof's edge or support structure.



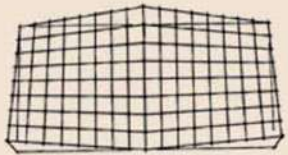
VIEW 2



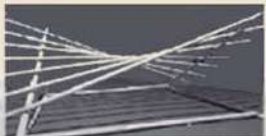
- URBAN GARDEN -
A DORUÑA - SPAIN



Con el paraboloid 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



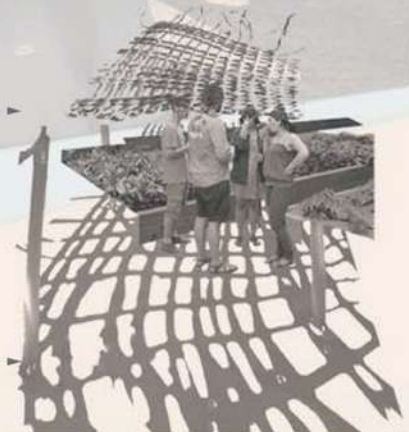
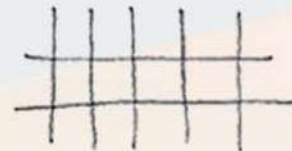
MODELIZACIÓN CUBIERTA
MODELING COVER



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



RACIONALISMO HUERTOS
RATIONALISM GARDENS



ELDERCARE HOME
BURMARRAD



LEGEND

- | | |
|------------------------|---------------------|
| — SITE BOUNDARY | 1 DROP-OFF AREA |
| → ENTRANCE TO BUILDING | RECEPTION |
| → ENTRANCE TO PLOT | MEDICAL+SPECIALIZED |
| → ENTRANCE TO GARAGE | RECREATION |
| STAIRCASE | ANCILLARY |
| CIRCULATION | SHOPS / FACILITIES |
| ROAD | MULTIPURPOSE SPACE |
| SWIMMINGPOOL | RESTAURANT |
| VEGETATION | KITCHEN |
| PATHS | WC |
| PONDS | LEISURE AREA |
| PERGOLA | PIAZZA |
| BRIDGE | GAMES AREA |
| GROUP SEATING | RESIDENTIAL AREA |



PHOTOMONTAGE 1



PHOTOMONTAGE 2

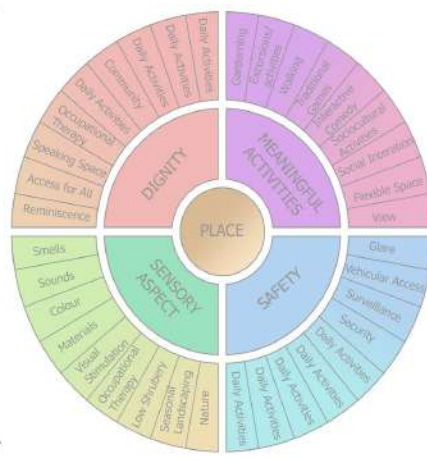


MASTERPLAN



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 FADING THE BARDEN. BECAUSE OF THIS, THE BUSIEST ACTIVITIES ARE CONCENTRATED AROUND THE CENTRE OF THE GARDEN WHERE THEY WOULD BE MOST VISIBLE.



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.



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 BOLD
• POP-UP SHOWS THAT CAN BE RUN BY NURSES SUPERVISING THE ELDERLY
• WHEELCHAIR FRIENDLY PLANTING BEDS, AND
• THE OCCASIONAL INTERACTIVE COMEDY SHOW.
IT IS IMPORTANT THAT THE LOCATION AND CURRENCY OF THESE ACTIVITIES IS FIXED AS CHANGE IS DIFFICULT FOR DEMENTIA PATIENTS TO COMPREHEND.



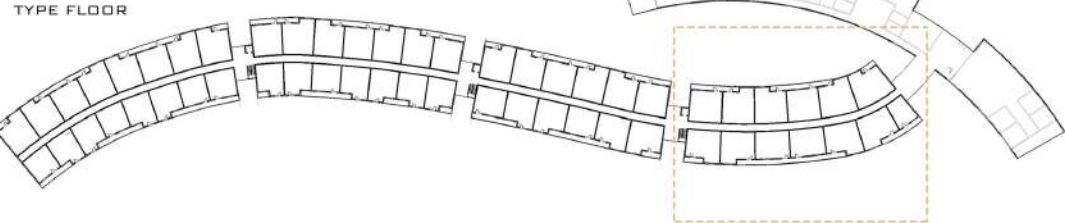
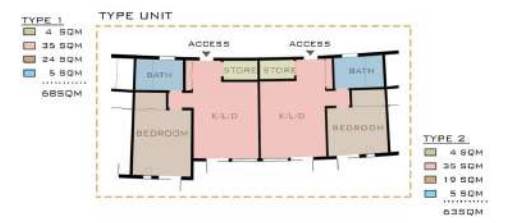
SAFETY
PAVING MUST BE FLAT AND FREE OF INTRICATE TEXTURES, WITH DIFFERENT COLOURS AT BOUNDARIES AND RAMPS. THE SHADING DEVICES USED ARE CHOSEN TO PROVIDE SOFT, HOMOGENEOUS SHADOWS AND PREVENT GLARE. THE 1:20 RAMPS ARE INTEGRATED INTO THE DESIGN SO THEIR PURPOSE IS MORE THAN JUST FUNCTIONAL. VEHICULAR 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



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 B-B'

- COLLECTIVE BUILDING - CONCEPT -MALTA

