

CONCEPT

The European site of Vienna is located in Hietzing, the 13th municipal District of Vienna: a very populated urban area with many residential buildings; and also a very green district containing large areas of the Vienna Forests.

By studying the surroundings of the site we can discover two types of urban fabric:

-**THE HISTORICAL STREET.** The oldest streets in the district are recognizable by its physiognomy. These are defined by a line of buildings at both sides. These constructions were originally developed at the edge of old paths that later became main streets with the feeling of a city center. Lainzer Strasse, Speisinger Strasse, Helzendorfer Strasse, Faassangartengasse, or Hietzinger Hauptstrasse are some examples of this kind of street.

-**THE GARDEN CITY.** The rest of the district is dominated by isolated buildings surrounded by green spaces.

The proposal expects to solve the conjunction of both city models, taking the best of them: the urban scale and activity of the historical street and the open and green spaces of the garden city. We consider that it is very important to resolve this issue at the site, a crucial point of the urban fabric, where the continuity of Lainzer Strasse and Speisinger Strasse has been broken by the train tracks.

The main objectives of the project are:

-Restore the continuity of Lainzer Strasse and Speisinger Strasse not only in a visual way, but also in a mobility and a typological way. On one hand the proposal allows people to walk or cycle from one side to the other of the train tracks through a flat or very gentle slope (less than 4%) avoiding the use of stairs. This is possible by the topography of the site. On the other hand, the proposal creates the continuity of the historical street's typology, introducing activity with: commercial facilities, a civic center, a fitness center, etc. The proposal expects to create a **STREET-PLAZA**, integrated in the urban plot, where people of the district can meet. The kind of street shown in the painting Kirche am Hof Vienna (1892) by Rudolf Von Alt.

-Generate the continuity of the green areas. The proposal tries to dedicate the biggest possible area to green spaces. A natural space, open to people of the district to enjoy. A **BIRCH FOREST** as in Gustav Klimt's painting Birkenwald (1903).

-Integrate all the mobility facilities in the site. Nowadays the train tracks are a cut in the district. The train station is vital in the proposal, because we try to reconvert it into a connection element of the district and for the district with the city. Also related to the other facilities.

-Create a landmark in the suburb, that identifies a new activity point in the area. By fulfilling the previous points the site becomes itself a sight in the neighborhood.

PROGRAM

The site has been divided in three plots, one at the south of the train tracks, and the other two at the north, divided by the Lainzer Strasse (and the underground canal).

The northern east plot, the biggest one, contains most of the new street. To favor a greater activity around it we dedicate this area to the public uses of the required program. The other quieter plots are dedicated to the housing program. The northern one to the Golden Age housing complex, and the southern one to the general living subsidized housing.

None of the buildings are more than four stories tall, not exceeding 12 meters in height.



Kirche am Hof Vienna (1892) by Rudolf Von Alt.



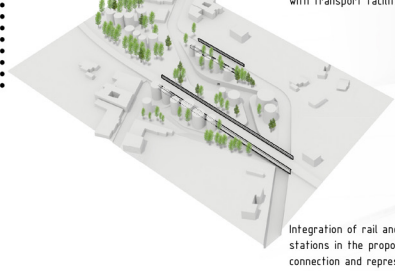
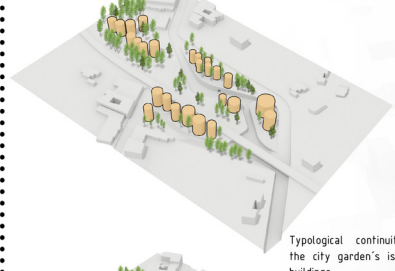
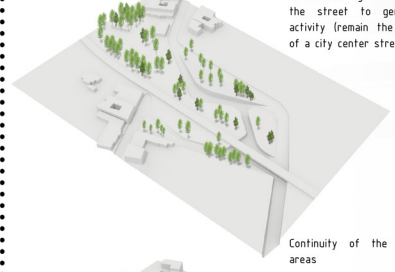
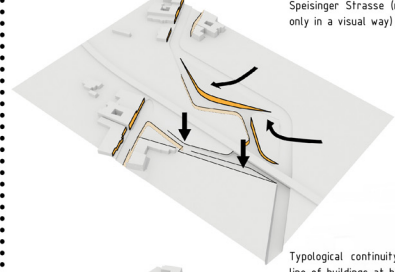
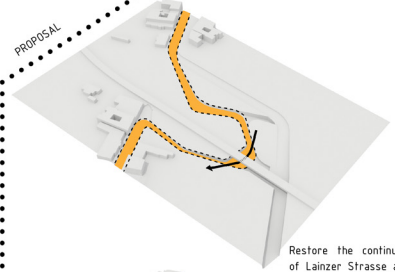
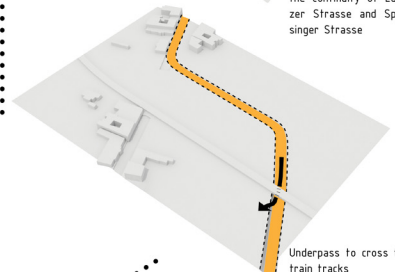
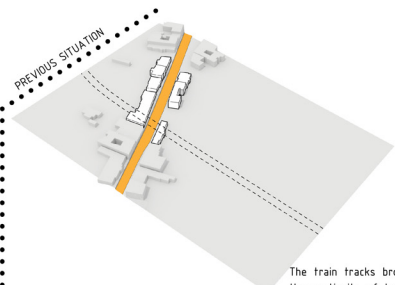
Birkenwald (1903) by Gustav Klimt



VIEW OF THE FOREST



VIEW OF THE STREET





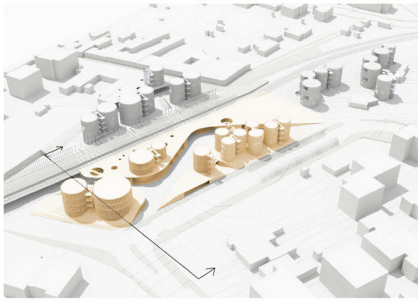
THE FOREST. FRONT VIEW FROM THE TRAM STATION.



THE STREET. FRONT VIEW FROM THE MIDDLE OF SITE.



VIEW OF THE SOUTH AREA



The zone A is dedicated to the public uses of the required program a Civic center including the generation pavilion and the health center; the Ambulance Center; a hotel of temporary living housing (at the furthest point of the field from the train tracks); a fitness center and commercial facilities.
Total units of temporal living 21.35 m2
Total units of commercial facilities: 14. Around 80 m2.

CIVIC CENTER

Health center and Pavilion of the generations
Second floor: 1. Multipurpose room 2. Toilet 3. Meeting room
First floor: 1. Child care room 2. Toilet 3. administration room
Ground floor: 1. Reception 2. Bar-café 3. Toilet 4. Day care center 5. Screening room 6. Physiotherapy 7. Wardrobe 8. Therapeutic pool
Basement: 1. Wardrobe 2. Technical room

PUBLIC PARKING

Ground floor and basement: 1. Pedestrian exit 2. Parking

FITNESS CENTER

Third floor: 1. Multipurpose room
Second floor: 1. Cycling room
First floor: 1. Running room
Ground floor: 1. Reception 2. Bar-café 3. Check point 4. Toilet
Basement: 1. Bedding room 2. Instructor room 3. Toilet 4. Wardrobe 5. Sauna 6. Shower 7. Multipurpose room 8. Technical room 9. Swimming pool

COMMERCIAL FACILITIES

Ground floor: 1. Bazaar 2. Bookshop 3. Fashion shop 4. Bakery 5. Fruit store 6. Grocery store 7. Bicycle workshop 8. Flower shop 9. Pharmacy

AMBULANCE STATION

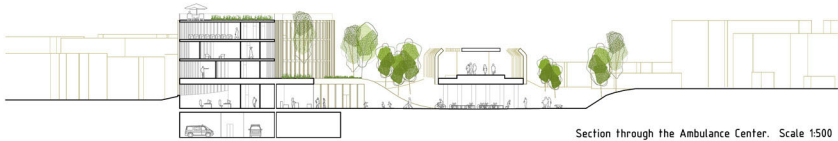
Third floor: Area for caries of instruction
1. Seminar room A 2. Seminar room B 3. Educator's office 4. Toilet 5. Educators' recreation room 6. Participants' recreation room 7. Smokers' recreation room 8. Storage room 9. Wardrobe
Second floor: Staff area: 1. Staff wardrobes 2. Staff toilet area 3. Staff sleeping room 4. Staff squin room

First floor: 1. Doctor room (with toilet and wardrobe) 2. RTW medical room 3. RTW car drivers 4. RTW passenger 5. Wardrobe for ambulance assistants 6. RTW wardrobes 7. NEF car drivers 8. Kitchen
Ground floor: 1. Reception and waiting room 2. Head of the station room (with toilet and wardrobe) 3. Toilet (barrierfree) 4. Dirty clothes room 5. Clean clothes and material 6. Cleaning equipment 7. Technical room 8. Operators room 9. Surgery

Basement: 1. Garage twelve ambulance, one catastrophic conveyer 2. Car wash site 3. Technical room 4. Emergency equipment 5. Tires equipment 6. General equipment 7. Oil room

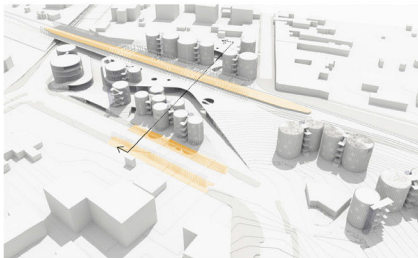
TEMPORARY LIVING HOUSING/ HOTEL

Third, Second and first floor: 1. House one room (21 units of temporary living housing)
Ground floor: 1. Reception 2. Administration room 3. Toilet 4. Bikes parking 5. Café bar 6. Meeting room 7. Common kitchen 8. Reading room 9. Technical room
Basement: 1. Technical room

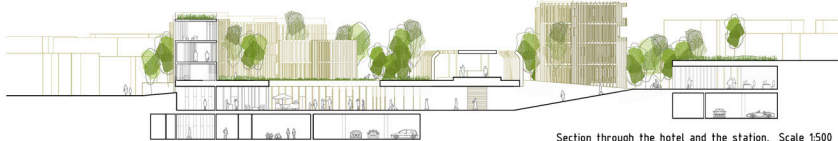
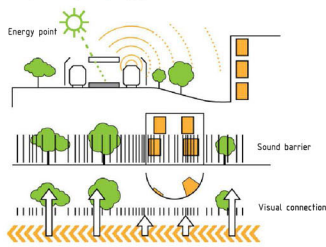


Section through the Ambulance Center. Scale 1500

ZONE B: THE STATION



The new train station is located in the western part of the site, with a central platform, with two points of access from the new street. To solve the noise problem we propose an envelope that changes in density in order to maintain the visual connection between both sides of the train tracks. The shelter of the platform is also a photovoltaic producing energy point.



Section through the hotel and the station. Scale 1500

ZONE C: SUBSIDIZED HOUSING

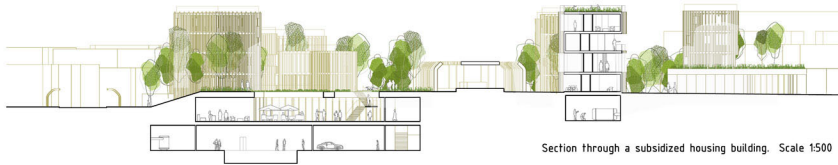
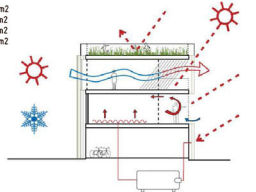


We find that the most interesting typology of housing for the district is one bedroom unit. This kind of houses attract young people, who complement the average age of the district's inhabitants. The houses have been designed with two clear areas, day and night, separated by a closed piece that incorporates the bathrooms and the kitchen. All day areas are oriented to the south and the night ones to the north. All houses have a glass-terrace, that could be used as an outdoor space of the house during summer and also winter, bringing hot air during the coldest months of the year. The top of the buildings are used as common green terrace, with different areas such as: the children's area, the dining area, the reading area, etc. The houses also have other inside common areas like cycle parking at the entrance of the building, laundry, storage rooms, etc., and a garage. During the winter the houses use a central heating connected to a void solar collector integrated in the facade. During summer time the appropriated orientation of the house permits a natural cross ventilation from the north facade to the south one. There are also some other commercial facilities in this plot, at the end of the street in connection to Spiesinger Strasse commercial facilities.

1 bedroom houses: 16 units. 55 m2
2 bedroom houses: 4 units. 70 m2
3 bedroom houses: 4 units. 85 m2
4 bedroom houses: 4 units. 95 m2
TOTAL UNITS 28

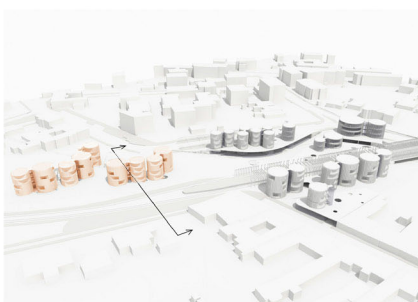
Basement Level Zone C

1. Garage
2. Technical room
3. Storage rooms
4. Laundry
5. Common services



Section through a subsidized housing building. Scale 1500

ZONE D: GOLDEN AGE HOUSING

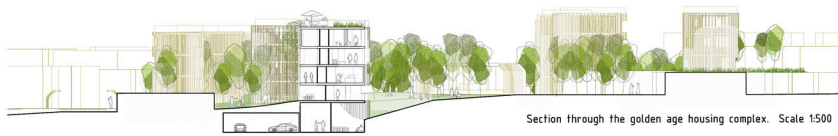
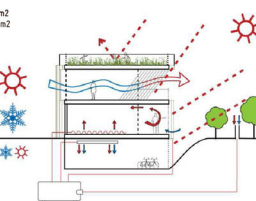


We consider important to create a type of apartment that could be used as an independent unit or as an integrated residential complex's one. That's the reason why all buildings have their own entrance and there is also a common one through the basement level, where all the services are placed. This level is illuminated by different patios that make this floor a very quiet area for the following activities and services: reading room, café, dining room, screening room, physiotherapy room, therapeutic pool, sauna, and infirmary.
The design of the units is the same as for the general living housing: two different areas for night and day, cycle parking at the entrance of the building, a glass-terrace in the apartment and common green terraces on top of the buildings.
The heating system of the buildings is also the same as for the general living housing. And the common areas are heated with an air system that uses the inertia of the ground to reduce the energy expenses considerably.

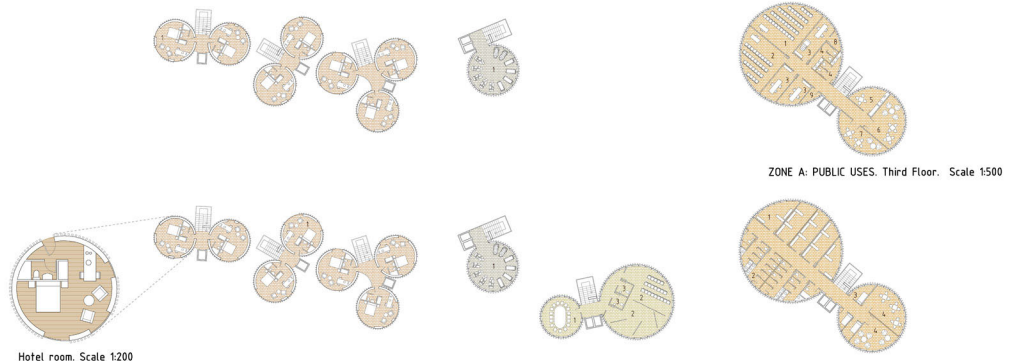
1 bedroom houses: 21 units. 55 m2
2 bedroom houses: 15 units. 70 m2
TOTAL UNITS 36

Basement level Zone D

1. Main entrance patio
2. Reception
3. Café - dining room
4. Reading room
5. Sauna
6. Infirmary
7. Physiotherapy room
8. Therapeutic pool
9. Wardrobe
10. Screening room
11. Laundry
12. Patio
13. Garage
14. Technical room



Section through the golden age housing complex. Scale 1500



ZONE A: PUBLIC USES. Third Floor. Scale 1500

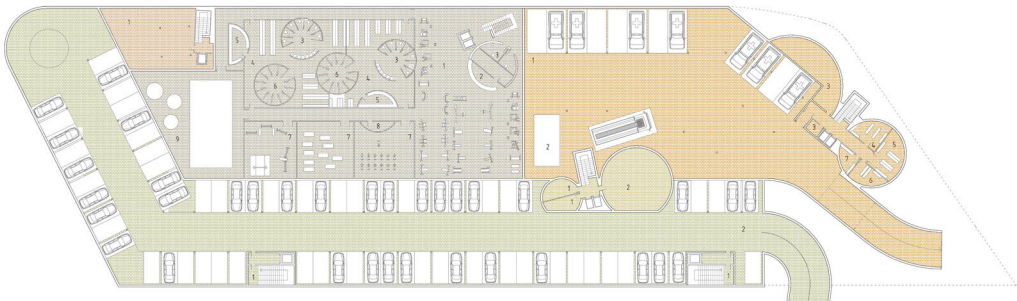
ZONE A: PUBLIC USES. Second Floor. Scale 1500



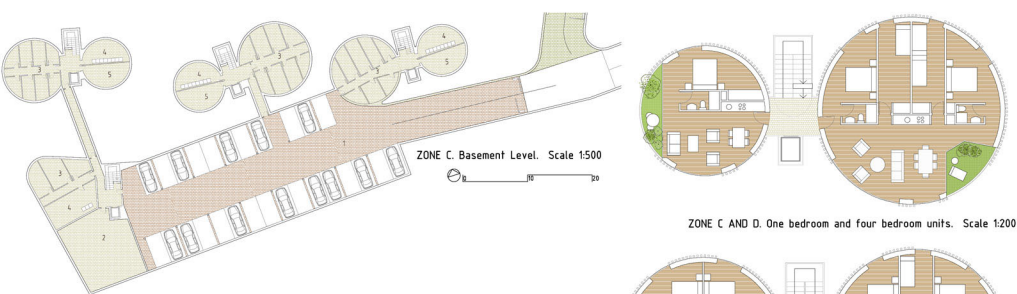
ZONE A: PUBLIC USES. First Floor. Forest Level. Scale 1500



ZONE A: PUBLIC USES. Ground Floor. Street Level. Scale 1500

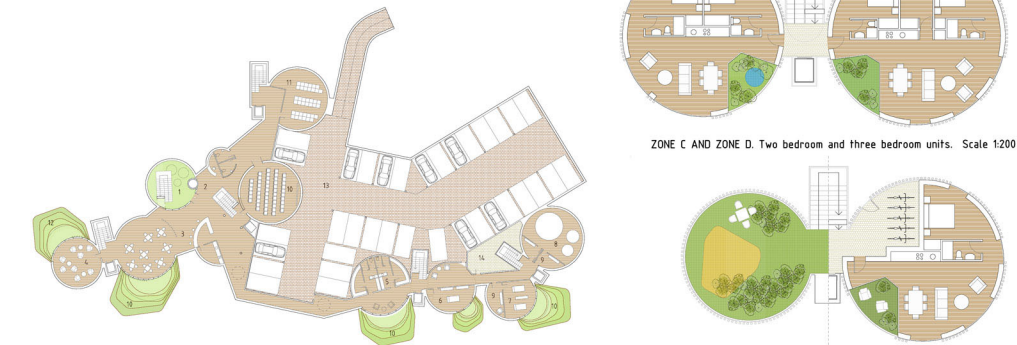


ZONE A: PUBLIC USES. Basement Level. Scale 1500



ZONE C. Basement Level. Scale 1500

ZONE C AND D. One bedroom and four bedroom units. Scale 1200



ZONE C AND ZONE D. Two bedroom and three bedroom units. Scale 1200



ZONE C AND ZONE D. Roof and ground floor. Scale 1200



VIEW OF FROM THE TOP TERRACES