POLYTECHNIC OF TORINO FACULTY OF ARCHITECTURE 2 Degree in Architecture <u>Honors theses</u>

Rehabilitation centre in Ceresole Reale

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Our thesis regards the realisation of a rehabilitation centre. It has been thought for people who had accidents or had undergone surgeon operations or partially or totally disable.

The project takes place in Ceresole Reale, a small village of the Orco valley, 1613 mt. above sea level.

There are many possible physiotherapeutic cures; we decided to concentrate on three of them:

- _ Kinesitherapy
- _ Hydrotherapy
- Massotherapy

This rehabilitation centre is structured in two separate areas, one area is reserved for patients and the second for the medical cures.



Intermediate floor plant

The Centre is reachable from the principal road through a covered passage which confines with a pre-existing building on the north side and with a new projected pensile garden in the south side.

The access to the main lobby, where the reception is –on the ground floor- is allowed trough a little glass made entrance. The materials used for the reception area are wood for the pavements, glass for walls and lively colours furniture.

From here, a long corridor leads to two ambulatories, an infirmary a staff room and 10 patients rooms.

Rooms' project is based on the repetition of a module which consists of two rooms with different furniture orientation.

Every unit is provided with internal bathroom for disable people, two beds (one for the patient and the other for a familiar) a bed side table a wardrobe an armchair and a little writing table. There is also a passage to a private balcony facing to the mountains.

On the two opposite sides of the long corridor there are two lifts which conduct the patients to the lower floors. – That obviously happens because of the particular conditions of the terrain that, starting from the principal road, declines to the torrent Orco.

Descending, on the first floor there are again 10 patient rooms, a staff room, an infirmary, the radiology room with a relative little deposit.

On the second floor, under the main hall there are common spaces.

We planned a dining room, a relaxing room, restrooms, laundry, kitchen and another staff room.

From each of these two last described floors patients can easily reach (through special ramps or with the lifts) to the other adjacent building where the medical activities take place and which is situated under the pensile garden already mentioned.



Render of some internal locals

This second building, under the pensile garden, is constituted of two floors: _ on the upper floor there are two gym for different rehabilitation activities like

- massotherapy and kinesitherapy (active and passive exercises)
- _ the lower floor is dedicated to the hydrotherapic activities with different kind of basins.



External view - Left: patients room - right: activities complex

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