

Olympic Village for Turin 2006

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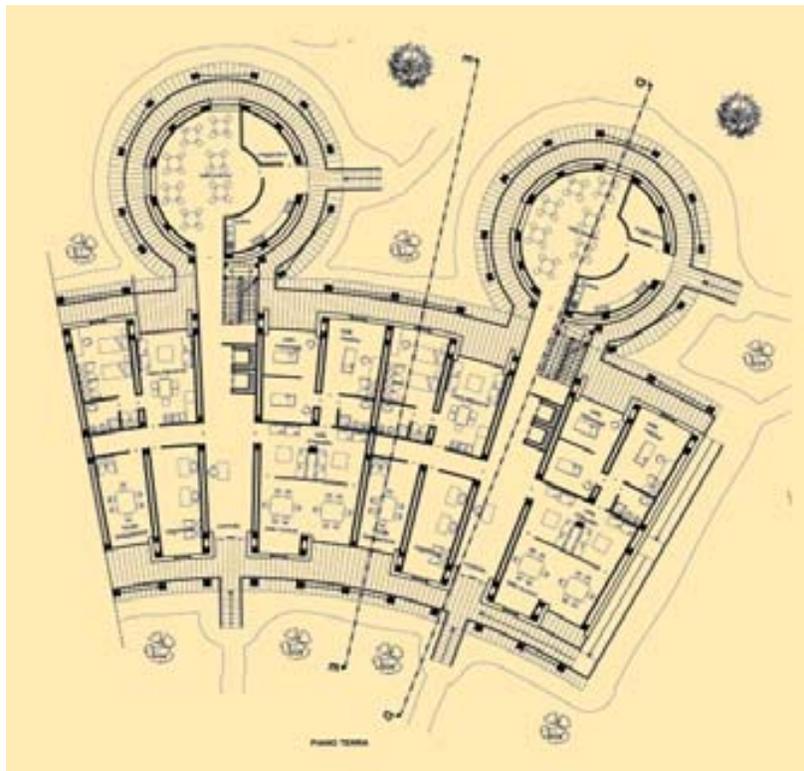
Following the assignment in Seoul of the organisation of the XX Winter Olympic Games, Turin will probably undergo remarkable changes in several aspects. The buildings and the changes in the urbanistics of the city and its outskirts will influence the habits of its own inhabitants, either in a positive or in a negative fashion.

The argument lends itself to a large number of considerations to be developed in the thesis.

The project of one of the foreseen Olympic Villages appears to be an up-to-date topic for a thesis of an architecture. After having evaluated different possible locations for the Olympic Village, eventually the choice fell on the area named Mercati Generali in Turin, via Giordano Bruno 169-173.

It is organisers' wish to build a building complex that can be used as a residential complex after the Olympic and Paralympic Games are over.

With regard to this kind of choices we can only draw a possible conclusion, i.e. that such areas will turn into segregated ones.



First floor - apartments

While avoiding discussions, the thesis simply wants to represent one of the possible alternatives.

In the thesis, the opportunity to dismantle the village after the Games is evaluated, as to dispose of the site for the creation of infrastructures capable of fostering socialisation.

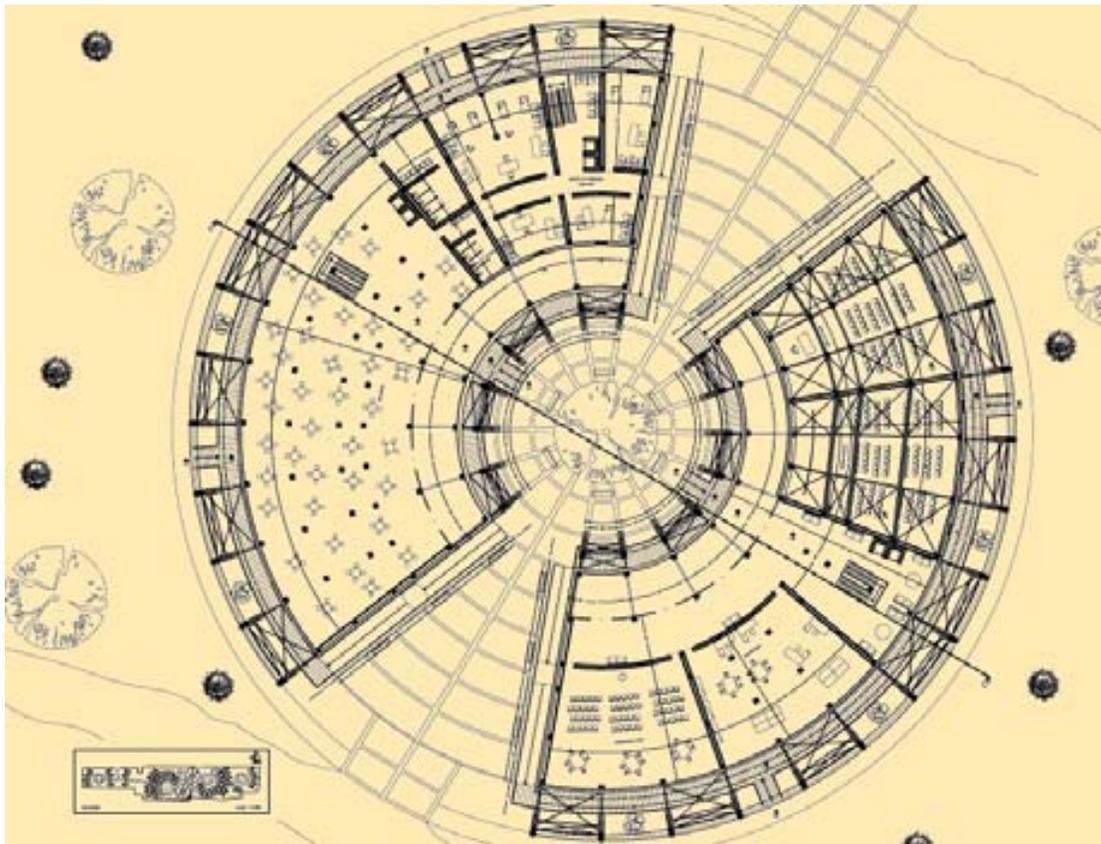
The idea of a dismantlable village has influenced the choice of materials to be used.

The whole complex is of wood, a material that is easy to transport and that has experienced a remarkable evolution in all applications.

Being the structures temporary, no excavations for foundations have been foreseen.

Foundations consist in fact of blocks of reinforced concrete, filled with inert material and with pillars held upright by hydraulic martinets.

The ground floor of each building is at +1,65 m.



Second floor – cultural center

The holding structures are wooden panels (including the pillars, since this technology allows up to 130 Kg/cm² compression tensions).

Fillings are sandwich panels, supplied by every firm operating in the market of gluelams.

Garrets consist of prefabricated beehive elements, available up to a length of 16m by an height from 120 to 320mm.

With regard of the number of athletes to be hosted and the functions inside the Village, the reference is the file presented in Seul (the sole document with specific requirements available during the preparation of this thesis).

Every nation will dispose of 1 or more living modules, each on 3 floors, inside which we find, apart from athletes' lodgings:

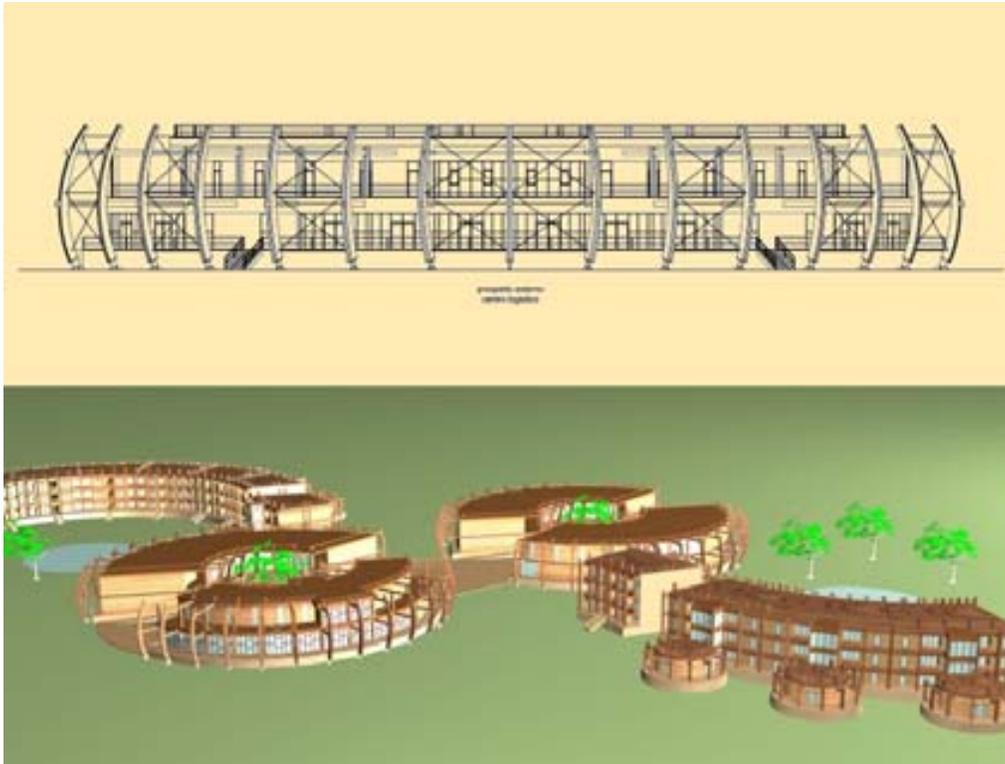
- an area reserved to the representatives of the delegation
- a secretary
- a meeting room
- a medical room
- a massage room
- a waiting room

The core of the complex are two small round squares from which all the functions of the village depart:

- the mall (with bar, bank and shops)
- the logistics centre, where organisational functions of the Village are carried out, and the rooms for the staff working there
- two places of worship
- the cultural centre
- the restaurant
- a sport medical centre.

Next to this common area there is a landing track for helicopters.

The use of wood is part of the vision of a pleasant complex, immersed in the green, conceived to make athletes' stay more comfortable and quiet in a period of strong psycho-physical tension.



Perspective views

As aforementioned, this is a simple proposal with the aim of avoiding what often happens, i.e. that what is conceived to be temporary ends up to be permanent.

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