

## The Telework in a residential structure, in Caracas, Venezuela

by Massimo Mirtolini

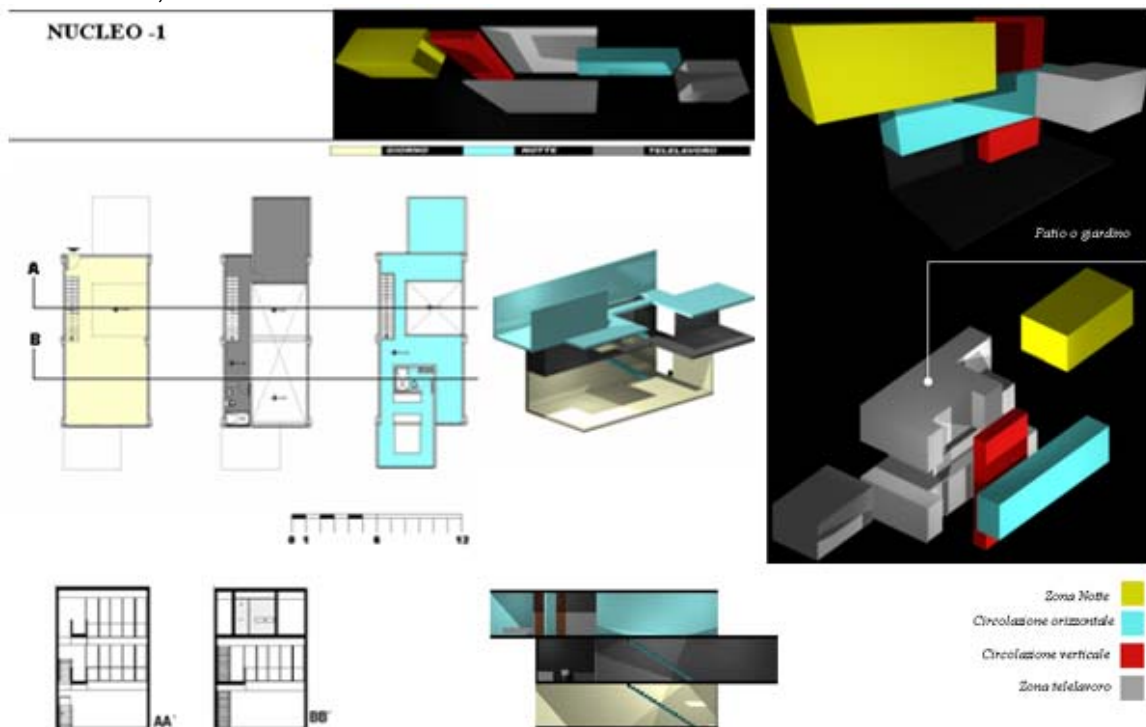
Tutor: Guido Laganà

The project and the analysis realized aim to reach the possible fusion among the new ways of facing the work hours and places with the Venezuelan intercity residence. This relationship is intercepted when one of the principal characteristics of the Telework, which is the lack of necessity to go to work to a specific place, such as the office. It is therefore here where the objective of this project lies, trying to reach a symbiosis between work and the place of residence.

The Telework is a direct consequence of the increasing optimization of communications through the internet, which, in this case, succeeds in zeroing the distance and, through the increasing facility of acquisition of the necessary means, a greater acceptance.

In case that, as much the means as the schedules are moved to the residence, these will be performed with a personal judgement and won't be subdued to the rigid schemes dictated by the employers.

The consequence will be therefore a great exploitation of the habitation, since it will be sojourned more intensively than the conventional ones. It could be said that it will be a 24 hour house, where the use of the internet is hypothesized for functions that go beside those tied to the Telework, such as shopping, interpersonal and social communication, entertainment, etc.



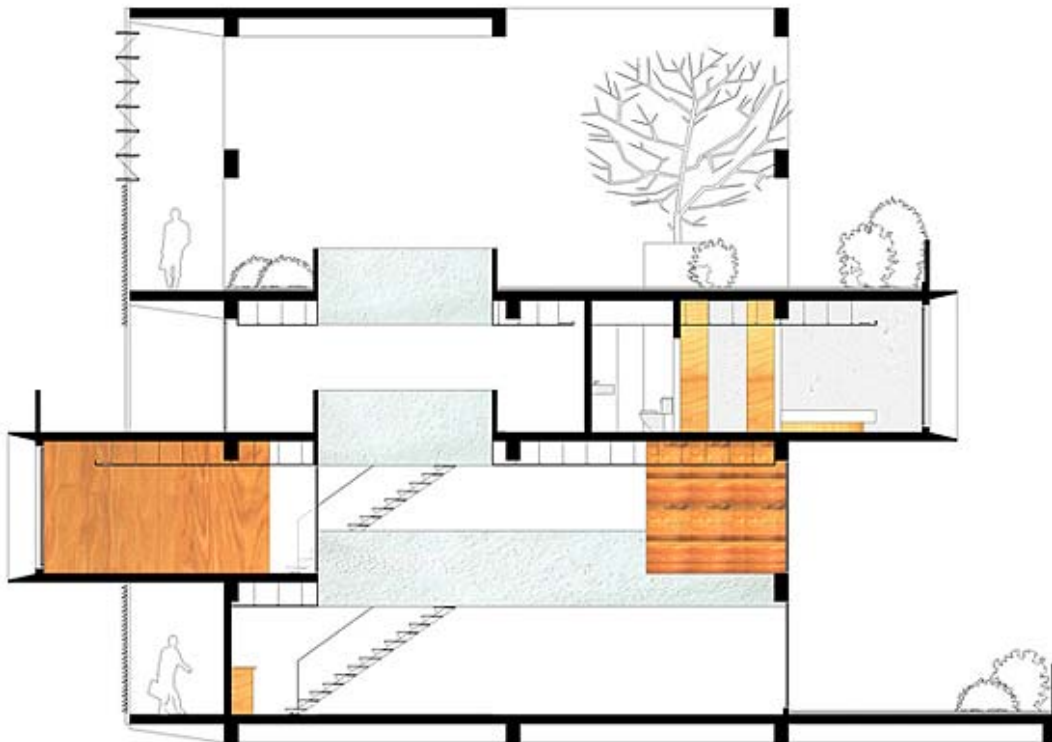
Nucleus 1, the first one of nine different nuclei elaborated to compose the whole residential structure

This won't be an introspective residence, it will be rather the opposite. It will be given a greater importance to the link with the outside, through the view and the duplication of urban conditions inside the whole project, for example, the easy identification of the dwellings among the others, conceived gardens as mechanisms of outlet from the closed and covered spaces, and the access to the single housing cells through a space of linear circulation in relationship with the outside and the green zones.

The lodgings are conceived for the different necessities and demands of the Teleworker, therefore these must be composed by common spaces that have a considerable elasticity and versatility when the hardware installation occurs. There will be places of fusion among the virtual and physical space.

This is only conceivable with the acceptance of the concept of Telework and its advantages in flexibility, cost and productivity against conventional work models. There are also many inherent problems, such as social isolation, that will be avoided with a series of architectural mechanisms.

The project, in its totality, is proposed as a big system that integrates different dwellings and their "Tele-inhabitants", and tries to reactivate the possibility for collaboration and social assembly, giving however the possibility to every individual to be able to withdraw and to enter to a private sphere.



Section type of the dwelling or nucleus 1, represents the way according to which the nucleus is put in the residential structure in comparison to the corridors, to the gardens and the other nuclei

The nuclei are containers flexible to increasing changes of technology and the consequent social risks.

The top levels of the building are going to be integrated to the common spaces of the "Tele-inhabitants" such as sporting areas, parks and zones devoted to idleness.

The ground level of the residential structure will be completely public and of easy access, it will be composed by free areas of vegetation and pedestrian circulation, excluding the principal entrance.

Enclosed in an individual architectural object placed in the city of Caracas, multiple functions aimed to satisfy the demand of the increasing expansion of Telework in developing countries, giving a possible solution to the symptom of metropolitan centralization.



Montage of the residential structure seen by the adjacent highway, south east view

For further information, e-mail: [massimomirtolini@hotmail.com](mailto:massimomirtolini@hotmail.com)