

**Textile Factory in Moncalieri (projected by M. Passanti and P. Perona)
transformation project to childcare**

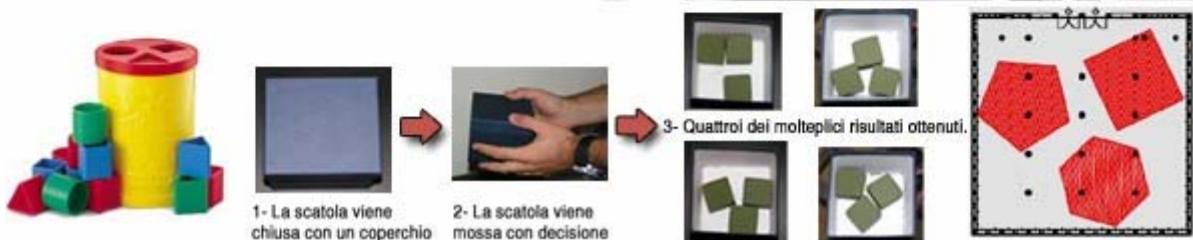
by Ilaria Freda and Valeria Piras

Tutor: Silvia Gron

The idea of recovery and transformation in a childcare of the ex Textile Factory of Moncalieri, planned in the 1951 from the architects Mario Passanti and Paolo Perona, is the result of an intensive analysis of the place, the object and the historical context in which it was placed.

The research of an architectural design principle, of an outline guides, lead through a schematic comparison of the previous planning solutions on the topic of the Factory, is the reading key for our project.

The answer to this research is the choice of one schema: the "HOUSE IN the HOUSE" where a new volume is inserted inside respecting its original appearance and symbolic characters as well.

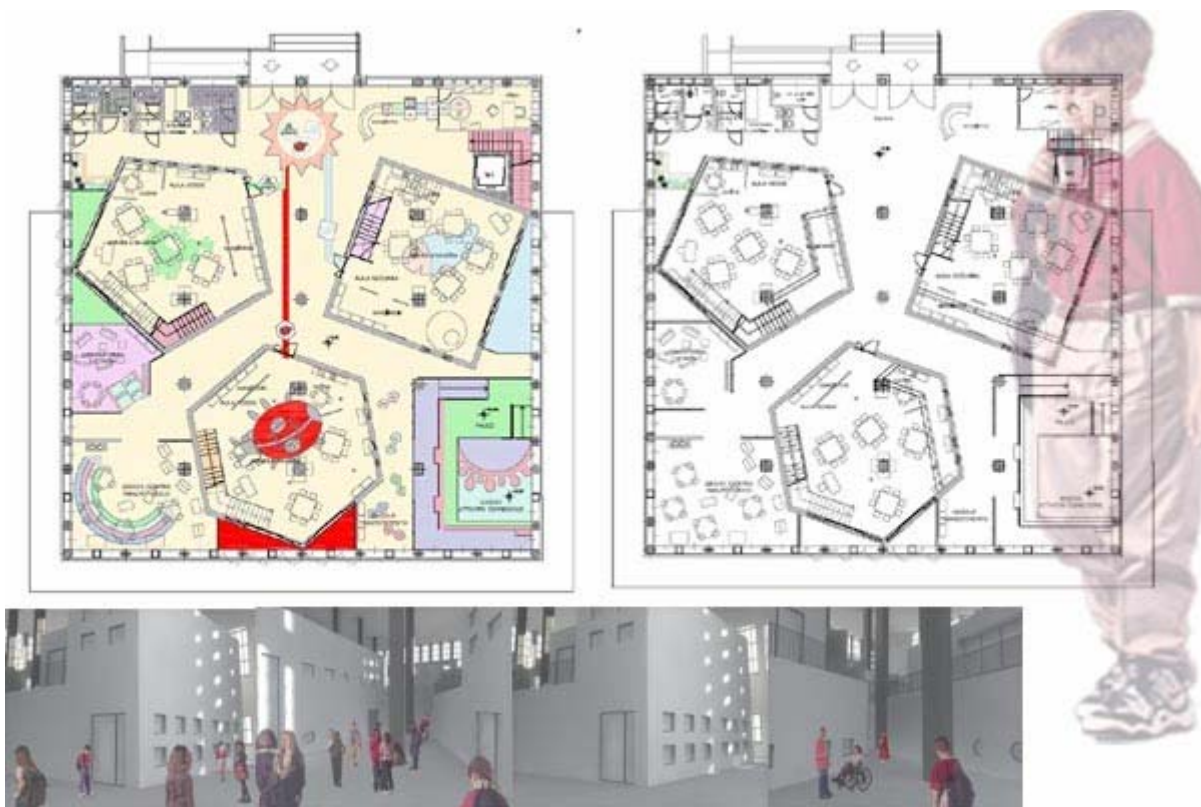


Architectural schema studies e rendering

In fact the building is a discreet but incisive presence in the hill landscape, a cubical construction of three floors (15 m. of height), with a planimetric side system nearly squared (30x30), moved back of almost twenty meters from the side of C.so Moncalieri, dipped and protected from a rich park of high trees; in the project it will be emptied removing the original division in three levels and it will become a container that can accommodate the classrooms and several spaces of a childcare.

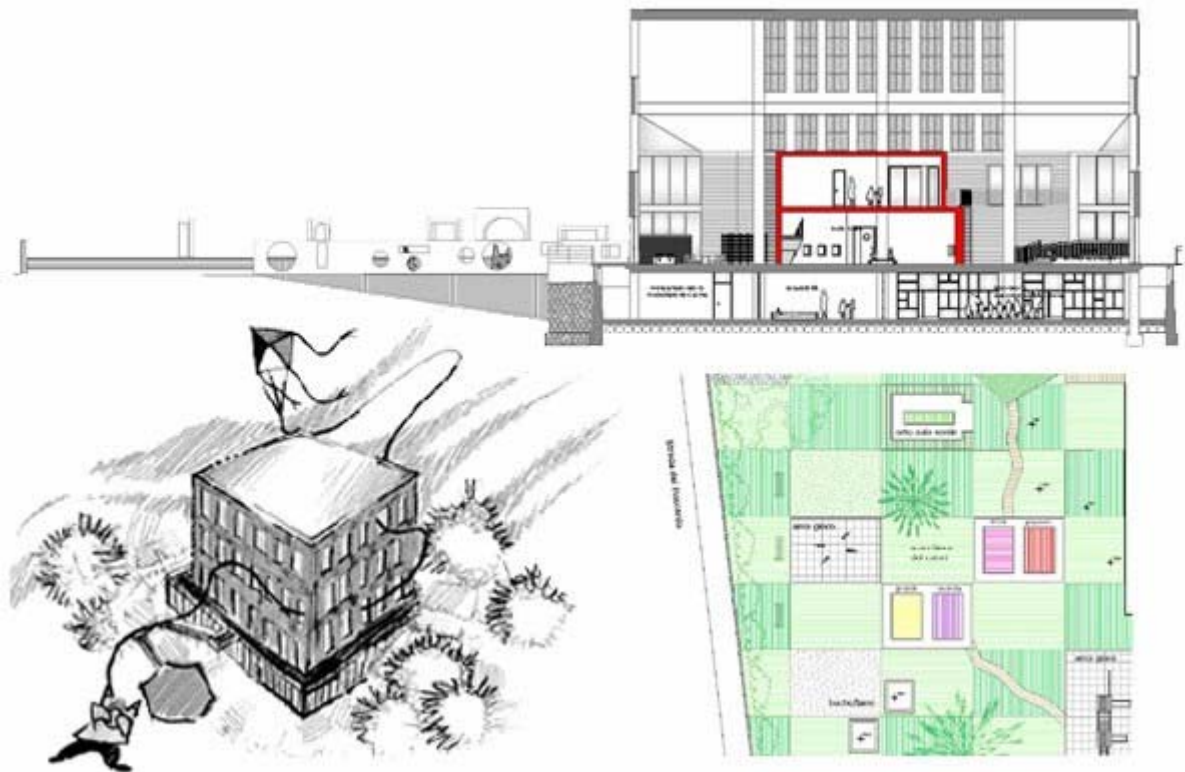
The project

There are three rooms completely independent. They are built over two floors, with many balconies over the play garden outside the building. The rooms seem arranged casually but in reality their rotation and anchorage to the existing structure was studied in order to guarantee a correct functional distribution for the new proposed use. The outline guides come into the various project choices, from the areas distribution to their interaction and identity. The closeness to the windows guarantees a remarkable brightness and aeration and satisfies the continuity with the external space.



Ground floor plan

The single classrooms for their shape and colour are easy noticed from the careful eye of the child who passes through “the road” that leads him to the classrooms, the entrance, in the original position, is a free space pointed out from signals that shunts to the several classrooms so that anyone enters in the building, can understand easily all directions to the classrooms and can perceive the surrounded space. The position of game areas comes consequently: these are to fully height, not delimited from concrete elements but from light material dividing wall. The feeling that derives from this setting of emptiness and full is the continuous movement for the position of the classrooms that include the existing pillars and seem turning around them, and for the realization of game spaces which the requirements of the inhabitants of the school are adapted and stimulated for. The dynamism inside creates a game of contrasts between the factory that was and remains a strongly geometric structure, with a fixed and modular rules and a rigorous mesh of pillars, and these new not disposed inner volumes that are regular geometric system not sorted according a rigid outline. Therefore we have designed, in rigid regular rigid and consolidated space, an other space in continuous movement just like the children who could accommodate. The inspiration was suggested us from a simple puzzle game: in a large container some smaller and simple volumes are thrown into from above, the same thing has been done for the classrooms.



Project section, splashes and garden detail

The idea of these “volumes in the volume”, is supported since the start of the project from the attempt to create one small protected village, composed from defined and closed places alternated from free areas, for the common activities, and of distribution places. In complete continuity with inside space the outside one is composed from a chess game in the green garden, various cultivates interrupted from geometric shapes for the games, as well as the classrooms.

For further information, e-mail:

Ilaria Freda: eelareea@fastwebnet.it

Valeria Piras: valees@tiscali.it