

Sports plant on Po river

by Luca Villa

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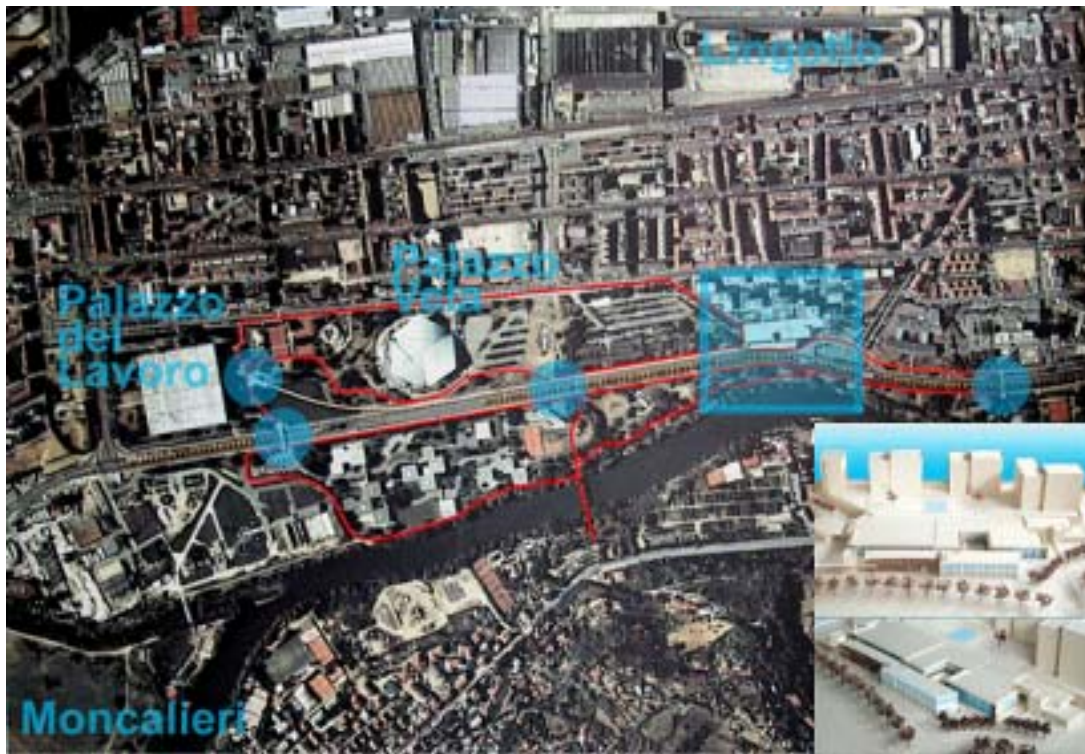
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Plan's description: The compositive plan, within the area of the former park of "Italia '61", has the aim, from a reuse point of view, of exploiting the spaces for free-time, focused on indoor traditional sports practices, aquatic activities and oriental arts linked all together with the socio-cultural spaces and refreshment and entertainment points.

Considering the urbanistic prescriptions and the environmental vocations, the aim is to reach typological and functional solutions related to the containers peculiarities, the park system, the standings and the accesses.

Within the plan lot, the monorail north station is now rethought, brought up to date and destined as a restaurant-bar on two levels, considering the surveys and the static analysis of the structures and the actual state of decay of the building: at the level land there is the pub while at the second level the Japanese restaurant with dehors under the platform-roof designed by Eng. Morelli.

The monorail structure will be restored and a light structure will be built to realize a walk-way that will link the new building with Palazzo a Vela and Palazzo del Lavoro, both dedicated to sports and entertainment events. An ideal round-way will exploit the Po river park as an entertainment point and a loisir, finalizing this thesis even more as a requalifying design of the area through the replanning of the crossing bridges on Corso Unità d'Italia and of the monorail south station building next to Palazzo del Lavoro, making them accessible also by the disabled people and giving a wider urbanistic extension to this thesis plan.



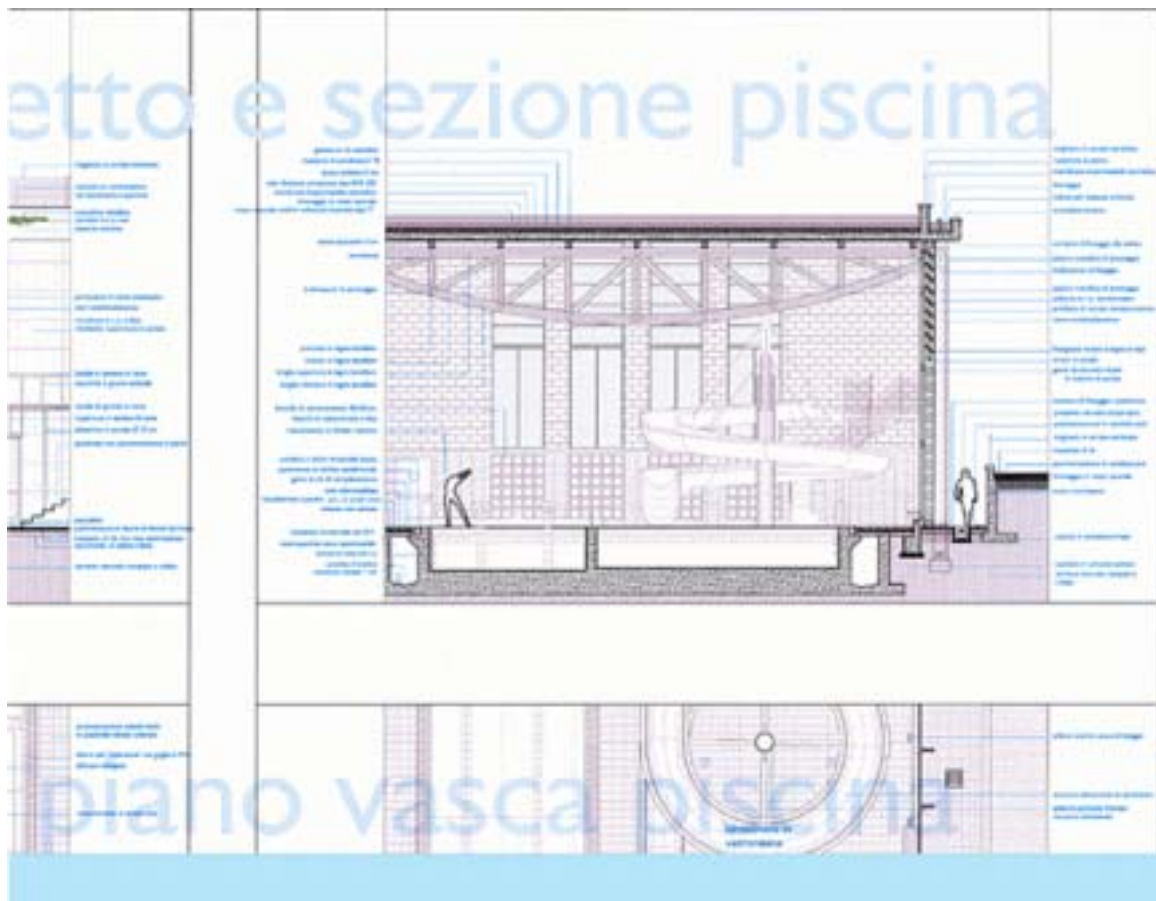
Wood model based on aerial picture scale 1:2000 with indications of the walk-way in the park and wood model view scale 1:200

The sport plant is divided in three main blocks: the entrance hall with a fitness-wellbeing centre, the multivalent pavilion and the swimming-pool with all its linked services. On one side there is the building designed to host itinerant exhibitions, conferences and projection to complete the offer of the existing exhibitions halls present in this area, rising this whole system as a cultural point for the oriental arts studying.

The existing garden, placed behind the station building, will be remade and redesigned on the terracing roof of the sports buildings that are linked by a cover walk-way among all the levels, while the bottom square is thought as a filter between the hall and the big traffic way of Corso Unità di Italia.

All the complex is dimensioned on the base of all the normative laws, but also anticipating the offers and the administration needs and it is formally made up with an integrated space structure with a linear architectonic solution, organized in wide spaces with lamellar wood structure, finishes and plants suitable to all the sports activities that will be practised.

The swimming complex is designed with innovated solutions to reach a complete use by people with changeable depth pools.



Section of the swimming pool and aquagym scale 1:50 with a specific view on the reticular wood main structure

The gym centre has a big multivalent parterre (45x25m) with a parquet floor which will allow any kind of sport activities. Martial arts rooms, re-education and fitness rooms will complete the gym sport sports offer.

A particular attention was given to respect the normative laws regarding the safeness and the dropping of the barriers for disabled people, to divide the public and the athletes ways and the “cover/uncover feet” ways for the water activities: athletes changing-room will be designed in order to achieve the simultaneousness of different activities and so different teams. Spaces destined to reception, public/athletes information, hall and standings for the public with telescopic stands are designed organically in the complex.



Virtual model insert in the picture of the area and a specific view of the platform roof on the former monorail and sketches of the developing plan

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