

**Cartography and plan: new university centre in the Italgas area inside Vanchiglia**

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The object of the developed work of analysis and of plan concerns the area currently occupied by the company Italgas in Turin. It has bordered from corso Regina Margherita, lungo Dora Siena, via Bettino Ricasoli, via Giorgio Pallavicino, corso Carlo Luigi Farini.

The General Town-Plan of Turin foresees that the spaces of the factory have destined to facility for the university education.

According to the programs of the athenaeum the faculties of Jurisprudence and Political Sciences should find collocation in this zone.

The thesis focus the attention on the iter of plan that, across the singling out, the analysis and the representation of the urban events and of the sign left from the history, across the indication deduced from the descriptions of other architectures, it concludes with the elaboration of a plan.

It was necessary, in default of prescriptive official denotations, to build ex-novo a program of plan: the descriptions of urban events and of other architectures have been transform in prescriptions of plan.

The field of research has been orient, as regards the theme of the relationship with the city, toward the search of descriptions of the many plans of Plain of Development of the Vanchiglia District succeeded in the second half of XIX century, the indications of the General Town-plan of Turin in force and the recent publications concerning the future undergraduate pole. As for it concerns the architectural theme of the plan it has been foreseeable the reference to the undergraduate seats of Turin: the Regia University, the Polytechnic of Turin, the Faculty of Architecture in the Castle of the Valentine, New Palace and Palace Bell.

The new prescriptive purview could be separate into two parts, one focus the attention on four urban events, the other will be the abiding textual bracket for the planning of the individual parts of the undergraduate complex.

The careful analysis of the multiform urban variability, moved from the indications of program, gives rise to four cartographic representations of the city (Figure 1), that constitute the reference for the composition of the partialities of the plan.

The questions represent could be inclusive in four ampler classifications of the cartography: the geometric maps, the maps of the time, the maps of the functions and the maps of the infrastructures.

To the first group the map of the wefts of the city belongs (Figure 1a), that has like object the analysis of the geometry and orientation of the mesh on which the net of the streets lies of the about of the area of plan.

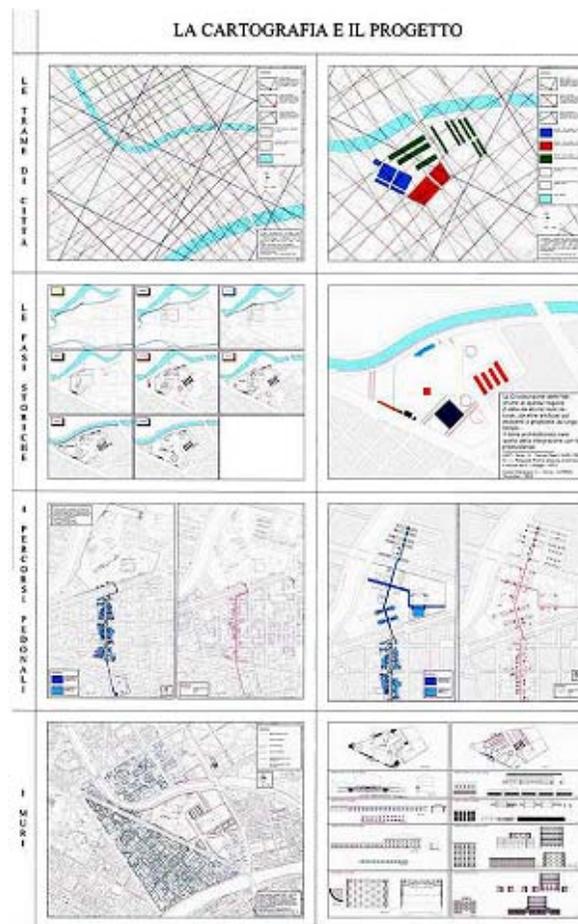
To the second group comes reduced the map of the historic phases (Figure 1c), seen like sequence of planimetric rebuildings of the settlement industrial object of study in different periods.

To the third group the map of the pedestrian runs belongs (Figure 1e), with distinctive reference to the run that probably should effect the students in the moving among New Palace and the new undergraduate pole in corso Regina Margherita.

Finally we to the fourth group attribute an analysis of the masonries (Figure 1g), read like autonomous elements respect to the rest of the built, on the complete zone of Vanchiglia.

The followed run has brought to some almost exclusively planimetric representations. Unique exception the developed analysis on the walls and fences that takes care of the elevations and cross-sections. They have a report of continuity with the representations of the plan, that faces the problem lifted from each cartography in his partiality.

Tav. 1	
a	b
c	d
e	f
g	h



Tav.1 – The cartography and the project

Following this procedure the principal functions of the university can be divided in three groups, each of which comes associate to one of the three mash of city picked

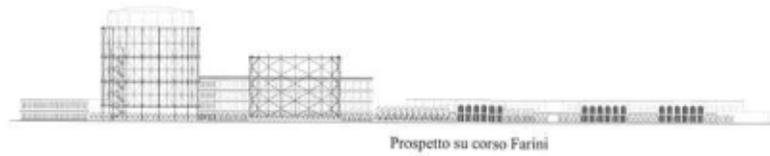
out from the geometric map (Figure 1b). The location of the functions also is defined from the historic map repeating and accentuating the sign picked out in it (Figure 1d).

The analysis of the runs, in accord with the functional map, determines a principal entry on corso Regina Margherita and two directions that characterize the pedestrian crossover of all the area (Figure 1f). The map of infrastructures, elaborating the elements of the today's elevations and cross-sections furnishes us the characters of the same elements in the plan (Figure 1h).



Picture 2 – Plan of the ground floor.

The final plan results therefore strongly conditioned from the methodology and from the aspects that the analysis takes in consideration in the photograph the place, and from their graphic representation (Figure 1, Figure 2). Premising that a process of analysis foresees some both thematic choices and choices of graphic, the result could be advised accomplished as to the beginning choices, but never unique and definitive as to the totality of the problems that the city and the architecture could suggest.



Picture 3 – Fronts and cross-sections.

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