

POLITECNICO DI TORINO  
SECOND SCHOOL OF ARCHITECTURE  
Master of Science in Architecture for the Built environment  
**Honors theses**

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**Turin, Strada delle cacce residential discrit managed by ATC.  
A project of urban redevelopment and intervention on the built**  
by Francesco De Matteis  
Tutor: Gustavo Ambrosini  
Co-tutor: Guido Callegari

Part I: Chapters 0, 1 and 2. The chapter 0 of the thesis is the premise, in which there is a brief introduction of the path argument as a result of work done during the workshop of master's degree thesis held by teachers Proff.s Gustavo Ambrosini and Guido Callegari in collaboration with the Arch. Antonio Spinelli, during which from April 2012 was studied operations of raising and / or addition of the built volumes . Chapter 1, sacredness and applicability of build on, faces from the purely theoretical point of view the question of " build on existing rise above buildings " comparing it with a range of experiences and doctrines, some very famous and of great size, and other smaller but just as rich in meanings, which although sharing the centrality of the subject matter, actually divide to a different approach to the subject matter of the same under consideration, those tending to the theoretical sanctity, who towards the rational applicability. Chapter 2, in the first part tells how from the practical point of view , during the first stage of the path of learning, within a case study city, national and international European vast, rich approaches, methodologies and different results, it is went looking for those clues that could be of help to identify the strengths of their experiences analyzed, chosen as the hinges to get to the development of what would later become the real design strategies. These design experiences, then briefly described below, are connected by the red thread in the fact that each of these case studies is characterized by at least a design choice or a basic idea of which have been taken in the preparation of the redevelopment project and expansion which will be described in the examiner . In the second part, in the form of short informal interview, we highlight the similarities and differences with the design experience of ATC. Part II: Chapters 3, 4, and 5. Chapter 3 presents the real part of the analysis on the pre-existence object of study, analysis set four parts.

The first part describes the state of affairs of the district and the building industry including a brief historical digression on construction technology. The second part addresses the various strategies retraining of horizontal and vertical connections divided by different degree of heaviness of the intervention on seniority. The third part describes the real problems of the status quo which is not habitable environments and bathrooms are not accessible. The fourth section introduces the topic of integration of the two strategies interevento retraining and raising. Chapter 4 develops into five parts. The first describes the intervention strategy on the urban scale , masterplan. The second is the description of the requalification of seniority, project A. The third is the raising, project A. The fourth is the description of the requalification of seniority, project B. The third is the elevation, plan B. The two projects (A and B) differ only in the degree of costliness and impact on the pre-existence, but both are defined by the compositional point of view, technological, plant, structural, energy, etc. The Chapter 5, in its conclusions, highlights how intervention solutions built on such as those proposed in the previous chapters can allow buildings to become exhausted to have a new life cycle. Part III, Chapter 6: bibliography, site links, a list of the relevant legislation, credits and attachments in A3 format, reduction of the drawings.



Project facades, reduced from a scale of 1:200



Pre-existence



Render project

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