

POLYTECHNIC OF TORINO  
FACULTY OF ARCHITECTURE 2

Degree in Architecture for the Restoration and Preservation of Architectural  
and Environmental Heritage

***Honors theses***

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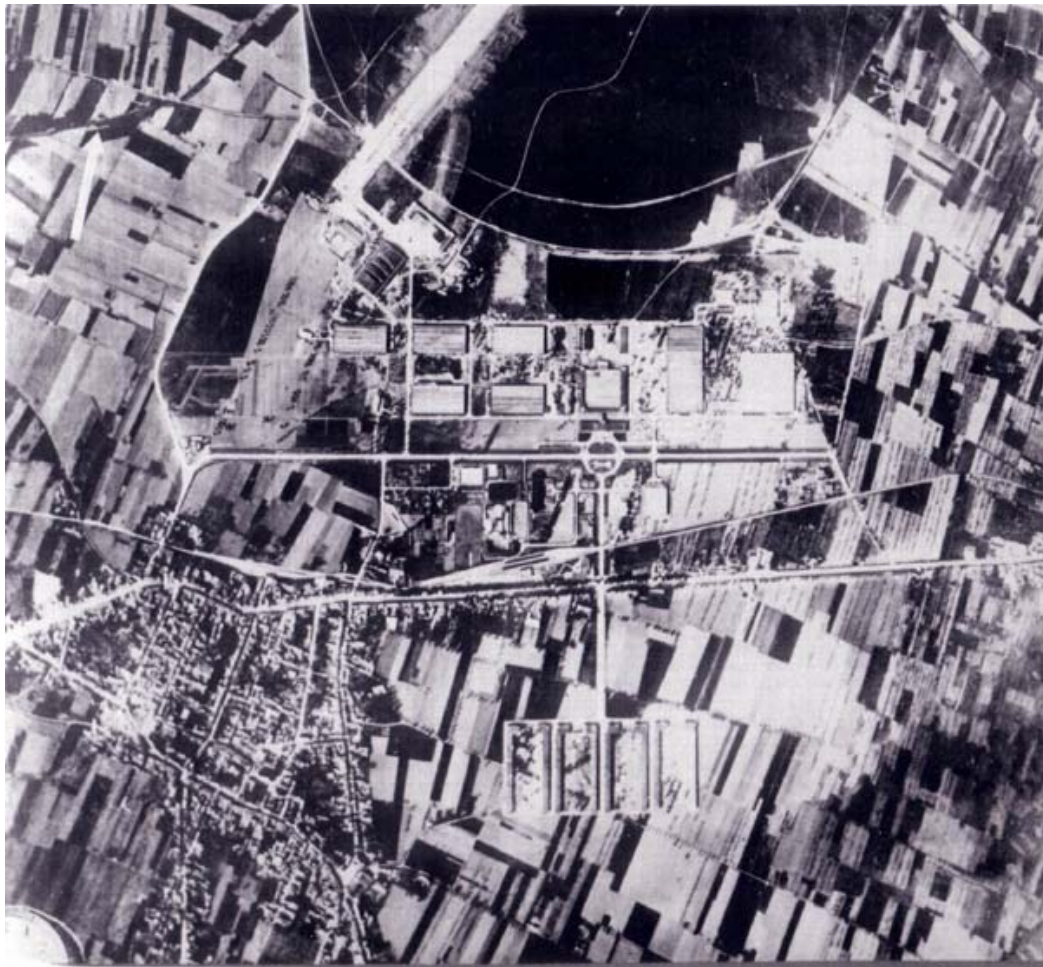
**Flying high over Pomigliano d'Arco. City, Architecture, Industry. The Cairoli  
Plan: 1939 – 1942. Revaluation and Restoration**

by Fabio del Proposto, Giorgia Feraudo and Diana Lomas

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Between 1939-1942, Alfa Romeo Avio built a small industrial development area in Pomigliano d'Arco, close to Naples in Southern Italy. It was designed and planned by the architect Alessandro Cairoli, and represented a new approach to industrial development in Italy between the two world wars. Expressly built for the Alfa Romeo aviation industry, the plan of the new district reproduces the shape of an airplane.



Aerial photo 1943

After an introduction in which the Italian social-political and cultural situation during the Fascist period is explained, the thesis is divided into four sections:

### **1- Pomigliano d'Arco and the Cairoli Plan**

Description of the architecture of the Cairoli industrial development and its construction phases.

### **2- Revaluation of the Cairoli Plan**

The current situation of the buildings in order to plan their restoration and revaluation. This is achieved by three steps:

- Step one: identification of the architecture designed by Cairoli.
- Step two: documentation and classification of the buildings.
- Step three: proposal of a Recovery and Preservation Plan of the Cairoli design and its infrastructure.

The plan presented in the thesis is in keeping with the real present cultural and social situation of Pomigliano d'Arco in order to be useful to the local authorities. In fact, this meant a very close cooperation with the "Ufficio di Piano" (Municipality Office) of Pomigliano d'Arco.

### **3- Application of the Recovery Plan to a specific case study: part of the "Palazzine" buildings**

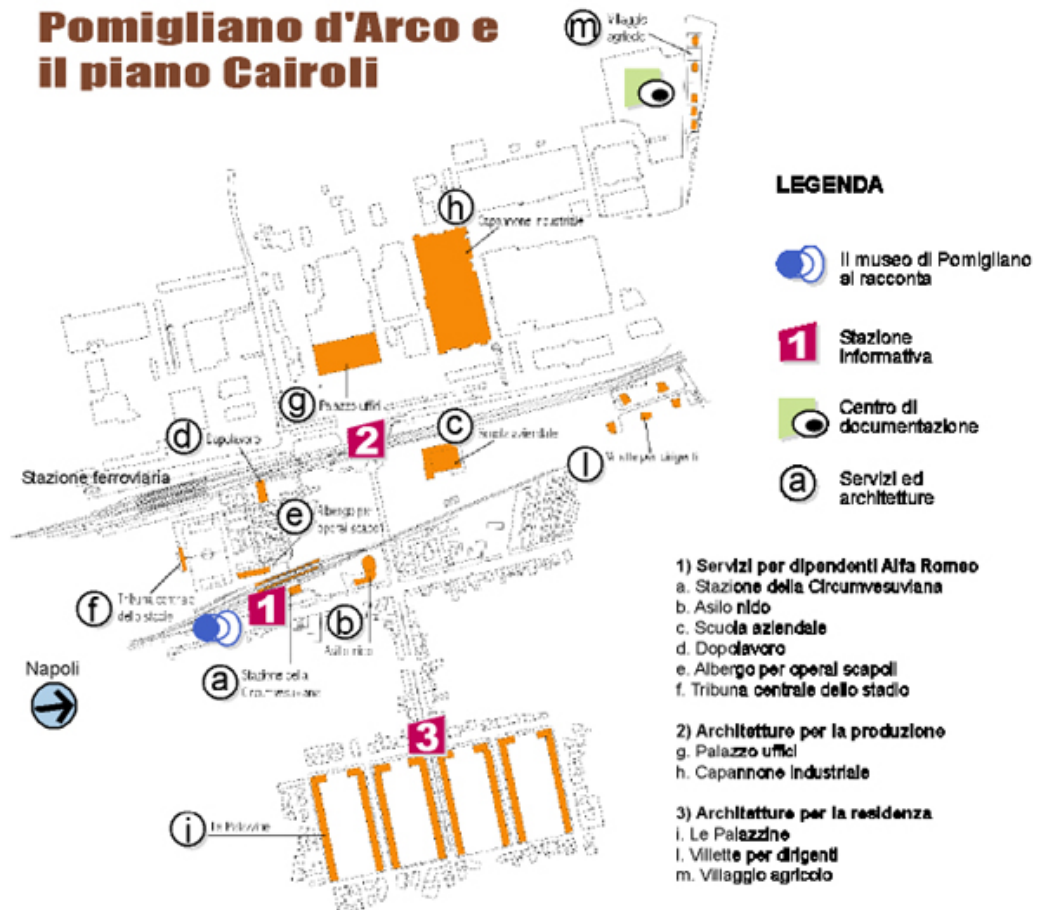
Application of the Preservation Plan to part of the popular quarter called "Le Palazzine". The aim was to produce a model for the restoration of these specific buildings in line with Italian laws and the preservation of modern architecture, with particular attention to the present needs of the inhabitants.



Le Palazzine, part of – via Terracciano

#### 4- Open-air museum of Pomigliano's modern architecture

Simulation of an open-air museum which brings together the architecture of the Cairoli Plan in order to propose different levels of knowledge. We suggest a way which reaches three installations that show the most important subjects linked to the industrial area of Pomigliano.



Open-air museum of Pomigliano's modern architecture - Master plan

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