

POLITECNICO DI TORINO
SECOND SCHOOL OF ARCHITECTURE
Master of Science in Architecture (Rehabilitation and Revaluation)
Honors theses

**Rural Architecture; "Masseria Aquileia" in Isnello (Pa)
Project for a Sustainable Farm**

by Angelo Ippolito

Tutor: Carla Bartolozzi

Co-tutors: Cristina Coscia, Paolo Mellano

The theme is the object of study "Masseria Aquileia", an example of rural architecture, located between the town of Castelbuono and Isnello, in the heart of the natural park of the Madonie mountains in the province of Palermo.



Photo Masseria Aquileia

The study aims to demonstrate that in a territory such as Sicilian and specifically the Madonie, the presence of Rural areas and architectures, can become a source of employment and development for the establishment of farms, inside of which can and should coexist various functions: Production, Reception, cultural

The entire work is divided basically into three phases:

1st phase: Analysis of the Territory

The first phase was to analyse the territory trying to understand the entire area Madonie, investigating the various resources, facilities, and finally also the spatial planning implementation.

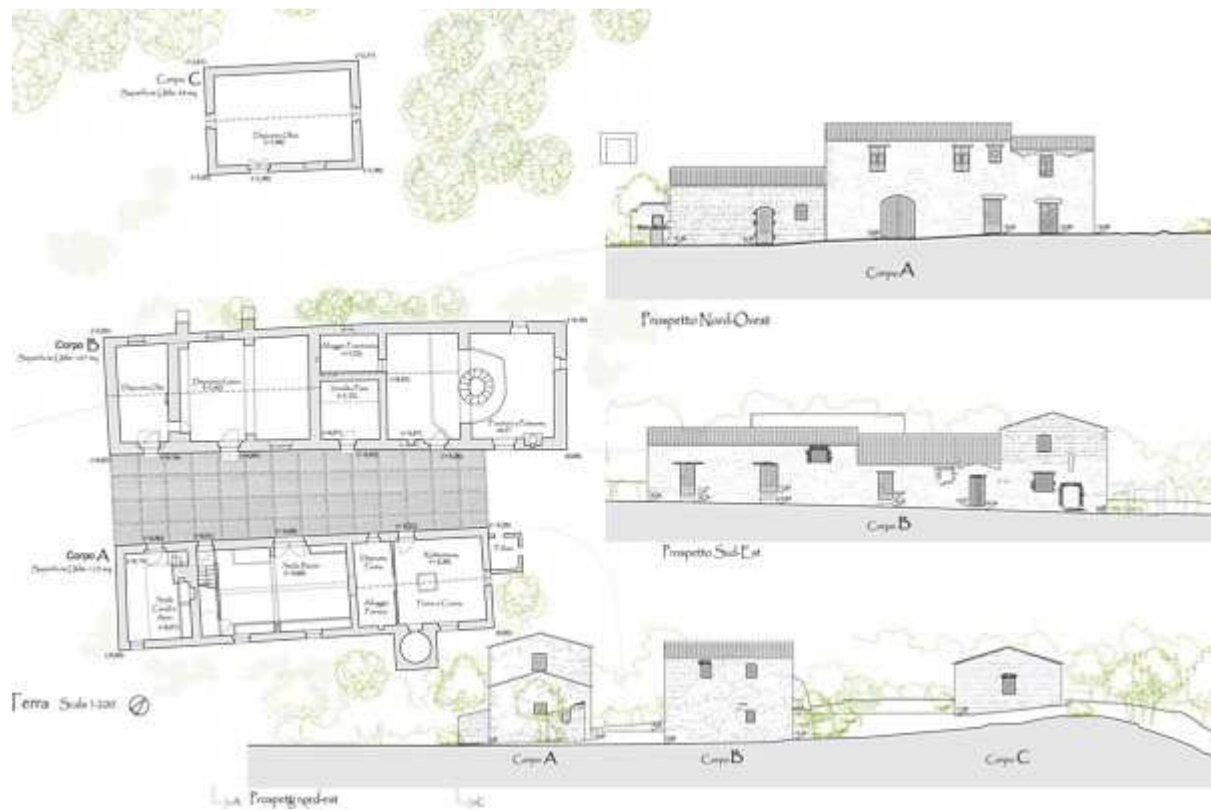
As regards resources, emerges a territory that has a Historical, naturalistic, cultural and Architectural of absolute importance which in fact constitutes an important heritage on which point.

The Economic Budget of the entire zone, offers various forms of entrepreneurship in urban centres, coastal centres shows that the economy is based almost exclusively on tourism, while the hilly and mountain centres is based on agriculture, herding, construction and tourism.

The territory was subject to various Territorial Schedules that have generated a socio economic careful who exploited the incentives of the European Community to develop the whole territory. These include the P.S.L (Local development plan) at the hands of the Madonie Park "G.A.L." which points to the valorization of "Rurality" leveraging funds from P.S.R. Sicily Region.

2nd phase: Analysis of Masseria Aquileia

The study continues with Architectural analysis of Masseria Aquileia studying framing, composition and evolution of space, materials and construction techniques used by the study of the State of preservation by identifying the various forms of instability that degradation of materials, subsequently advancing its consolidation.



Architecture of State Fact

3rd Phase: Project Proposal

The project proposal intends to restore the structure and the land surrounding their original function, or to restore a farm used to culture the several hectares of land surrounding the farmhouse, but this primary function if other flank: the Receptive Functions, the function and the function.

Architecturally the introduction of new functions has necessitated an expansion of volume, this was done taking into account that the current conformation is dissimilar from the typological Masseria, therefore in the process of architectural composition you chose to donate a plant closed on four sides by introducing two new volumes, North to the South the productive function for the function.



Architectural Design and Rendering with 3D Design

The recovery of rural areas with the use of organic farming are the focus of several studies because it is seen that an investment on them can produce different economic returns including the production of highly healthy products that are placed in a market increasingly expanding

This thesis, represents "case study" for the recovery of rural architecture, demonstrating that you choose as the theme of reuse the original function, you can start from it to create business, jobs, growth.

It was not done a proper feasibility study analysing the costs and benefits that can be obtained, however the entire design fits completely within the channels of funding proposed by PSR della Regione Sicilia.

For further information, e-mail:

Angelo Ippolito: angeloipp@libero.it