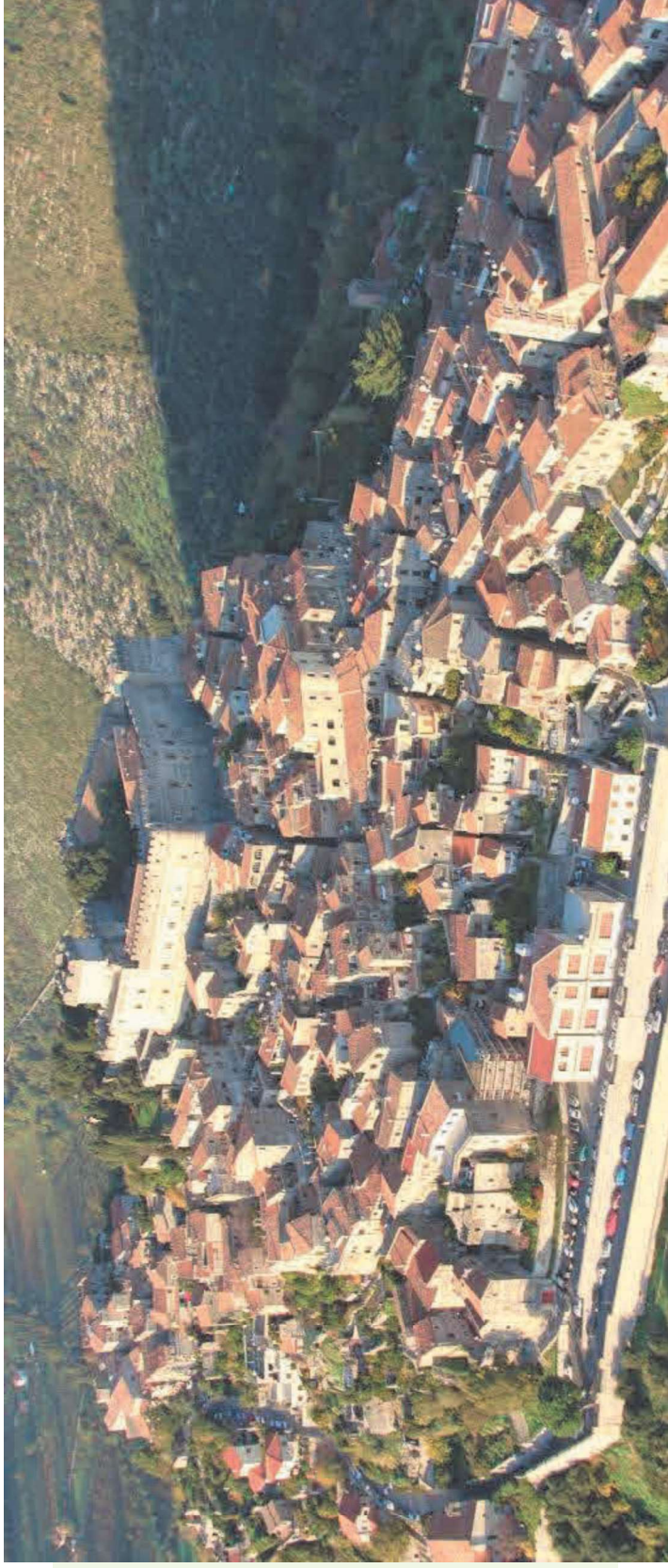


Summary



Title:	The Beauty of Architectural Surfaces. An introduction to technical aspects		
	Case study: The historic center of Sermoneta (Italy)		
	<i>The Papacy Legacy of the Caetani's Family</i>		
Chair:	Chair of Conservation-Restoration, Art Technology and Conservation Science		
	Prof. Thomas Danzl, Dr. Fonti Roberta		
Language:	English		
Study level:	Bachelor		
Kick off:	26/04/2021		
Meetings:	Every Tuesday		
Interm. Reviews:	07/06; 05/07		
Final Presentation:	02/08		
ECTS:	Credits (9 ECTS)		
Remarks:	Excursion to Sermoneta (Italy) June, 12–16, Caetani's Castles <i>Excursion is not compulsory for the successful completion of this Design Studio</i>		

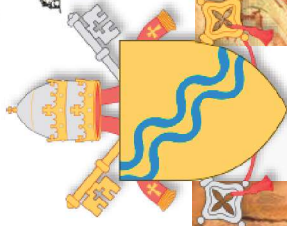


“Right on the border of the historian's activity is that of the restorer of monuments. The work carried out [...] for the restoration of the great fortress of Sermoneta, gradually executed in the period between 1905 and 1922, remains as a model of method in these works of consolidation and enhancement of ancient monumental buildings. The magnificent castle that Catanzio, nephew of Boniface VIII, began to rebuild on the ancient fortress of the Annibaldi family and that in the fortunate events of more than two centuries continued to develop in the sturdy fortification structure of transition and in the decorative elegances that look like gentle flowers on impervious rocks. Thanks to the passionate and wise work of Don Gelasio Caetani, this has now been resurrected and stands solemnly over the Pontine lowlands [...]”.

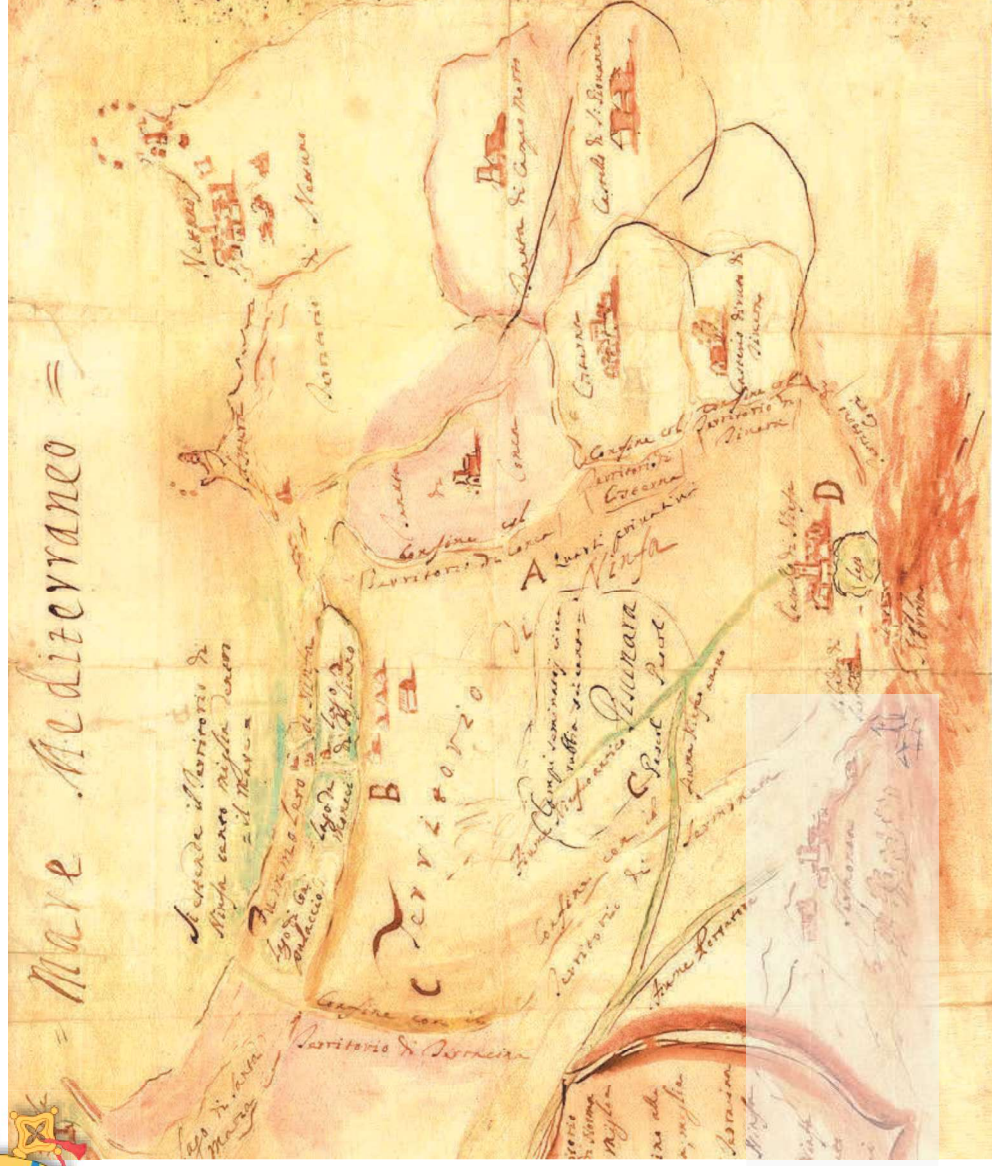
(Gustavo Giovannoni, 1925)

Original Text: Ad immediato confine con l'attività dello storico, quella del restauratore di monumenti. I lavori eseguiti [...] per il restauro della grande rocca di Sermoneta, gradualmente eseguiti nel periodo dal 1905 al 1922, rimangono come modello di metodo in queste opere di consolidamento e di valorizzazione di antichi edifici monumentali. Il Castello magnifico che Catanzio, nipote di Bonifacio VIII, cominciò a ricostruire sull'antica rocca degli Annibaldi e che nelle fortunate vicende di oltre due secoli continuò a svilupparsi nel gagliardo organismo fortificato di transizione e nelle eleganze decorative che sembrano fiori gentili su rocce impervie, è ora, per merito dell'opera amorosa e savia di Don Gelasio Caetani, risorto, e si eleva solenne sulla pianura pontina [...]

Pope Boniface VIII



Caetani's Family Land



Case Study

Typical housing system of
peak settlements

The historic center of Sermoneta (Italy)

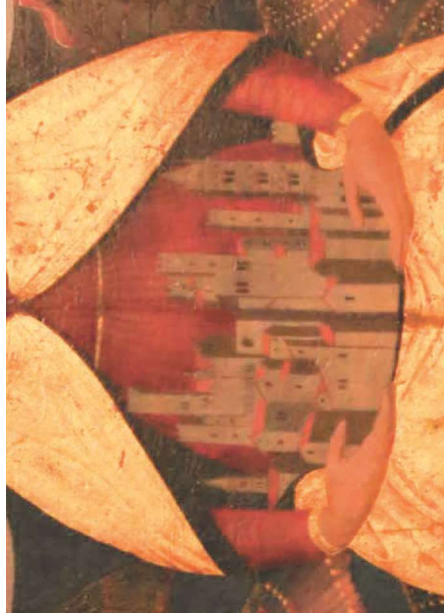


Typology

The Tower-House

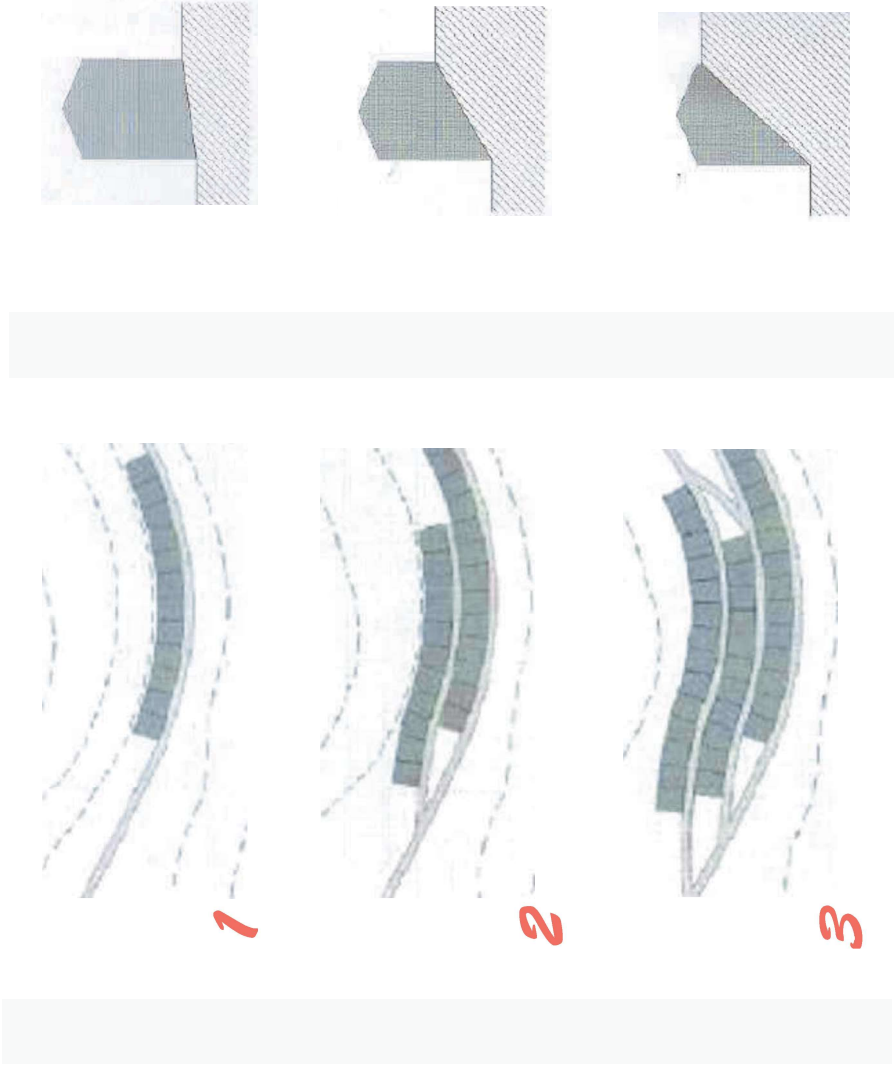


Benozzo Gozzoli,
*Painting, Cathedral of
Sermoneta (1456)*



Solutions according to steepness

(Ceradini, 2004)



Case Study

Typical housing system of
peak settlements

The historic center of Sermoneta (Italy)



Typology

The Tower House

The selected case study



Case Study

The state of neglect and
dereliction

The historic center of Sermoneta (Italy)



1920s and 1950s
Depopulation



*Physical model of the City of Sermoneta,
Church of San Michele (XXI)*



Task 1

The Missing masonry and Staircase

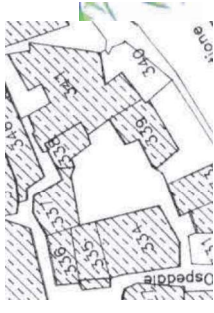
The historic center of Sermoneta (Italy)



Fascination with ruins



The missing “external” staircase



Task 1

The Missing Staircase

The historic center of Sermoneta (Italy)



Typology

The Tower-House having a “Profferlo”



A sort of external staircase

trade is happening underneath (level 0 – small shop)
living is happening at the first floor (level 1 - housing)



single family housing system

“Profferlo”



Task 2

The Missing Vault

The historic center of Sermoneta (Italy)

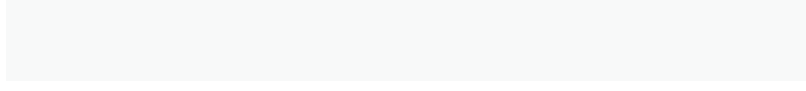


Design Problem

Roman Concrete and reed



The missing vault



Task 2

Existing Vaults

Conservation Problem

Stone



The historic center of Sermoneta (Italy)



Roman Concrete and reed

Task 3

The Missing Roof and Ceilings

Design Problem



Rain Gutters

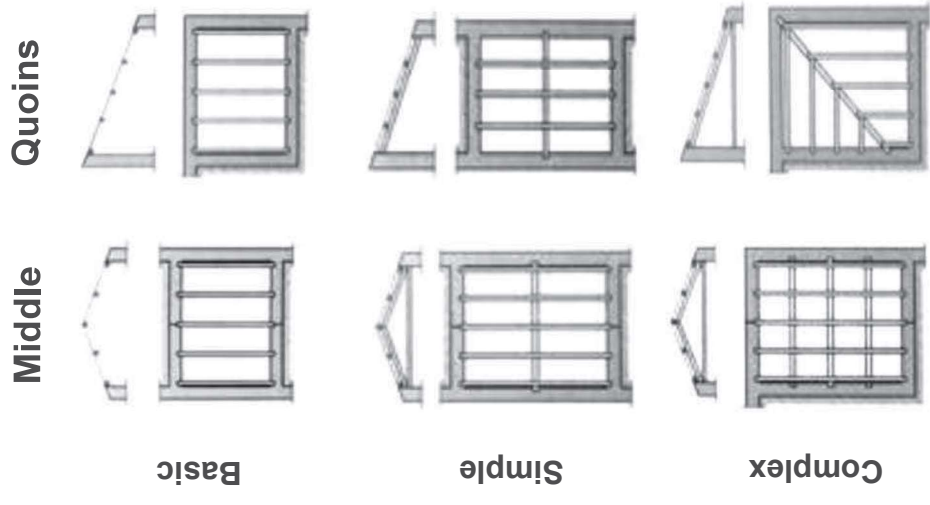


Loggia



Roof Typologies

(Ceradini, 2004)



Task 4

The Missing Plaster work

The historic center of Sermoneta (Italy)

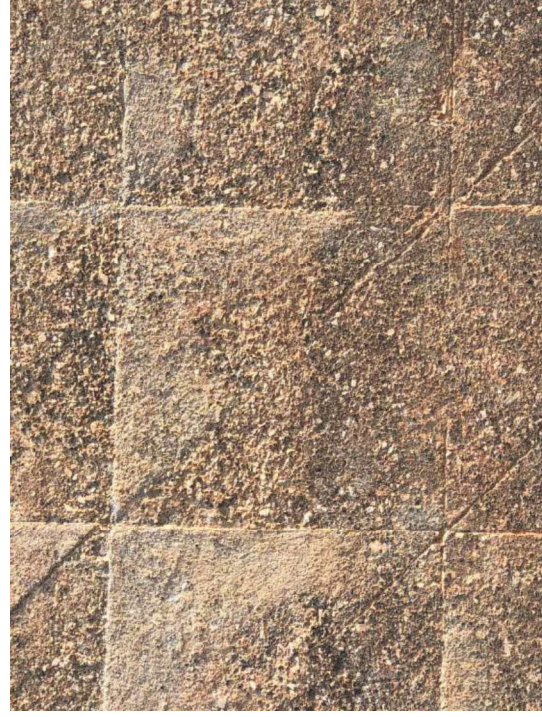


Design Problem

Sgraffito



Plaster



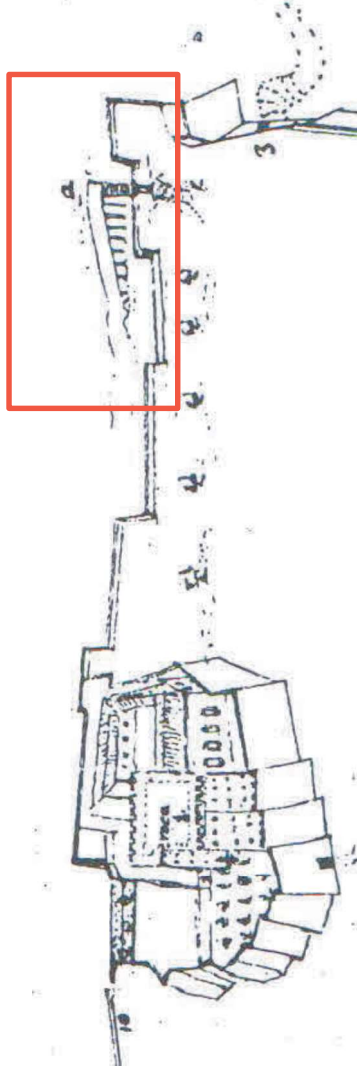
Task 5

Accessibility

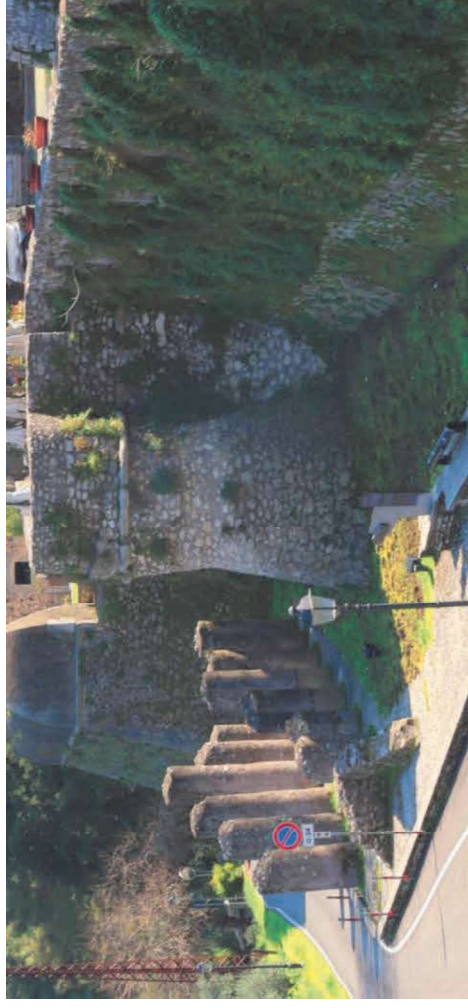
The historic center of Sermoneta (Italy)



The Sermoneta “Stone Age”

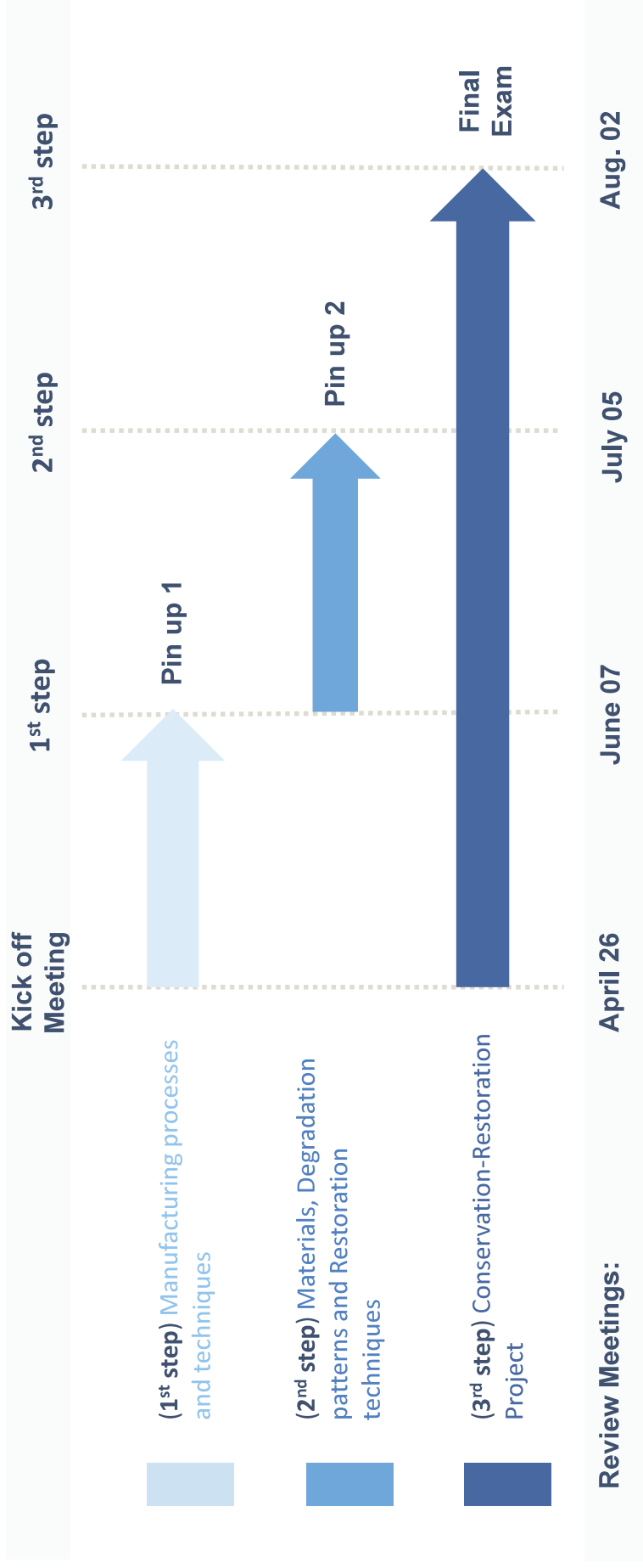


An historical
carriageable passage



Time Schedule

The historic center of Sermoneta (Italy)



In collaboration with

Municipality of Sermoneta & **“Roffredo Caetani” Foundation** (Arch. Tommaso Agnoni)

Design Studio in **“Restauro Urbano”** of the University **RomaTre** (Prof. Michele Zampilli)



A joint exhibition of the works of students at **RomaTre & TUM** will be organized in Sermoneta in Autumn