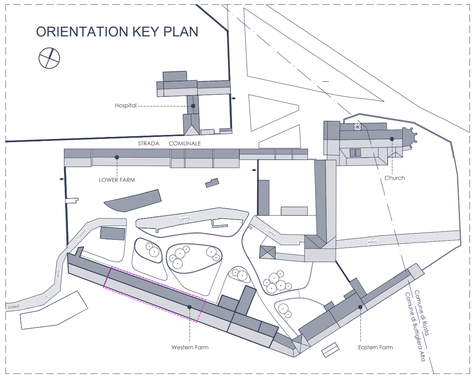
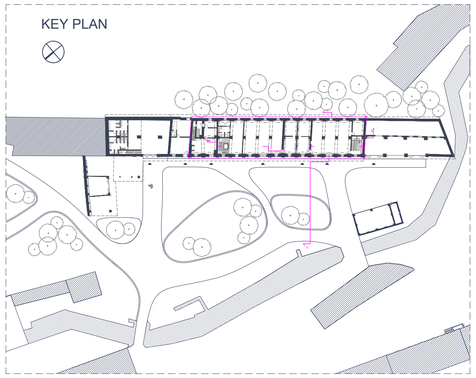
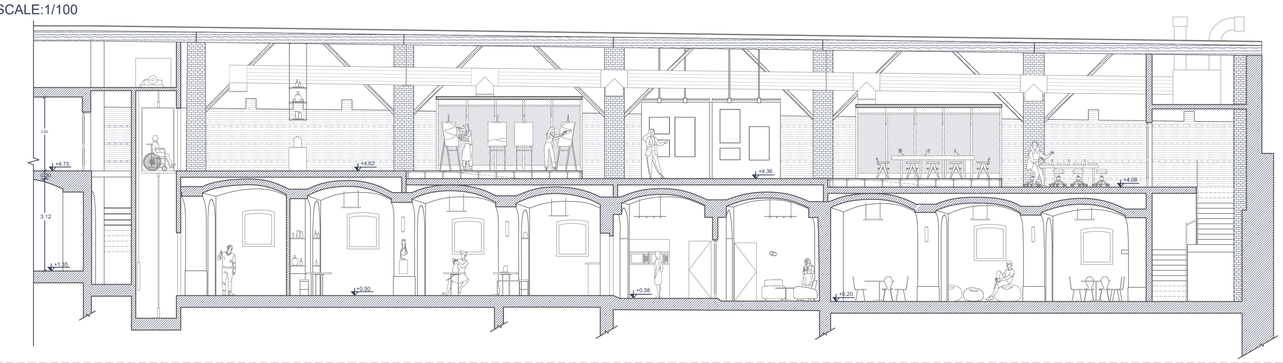
ORIENTATION KEY PLAN



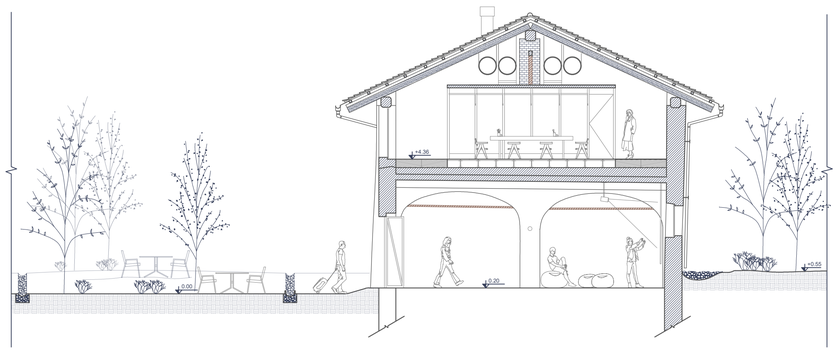
KEY PLAN



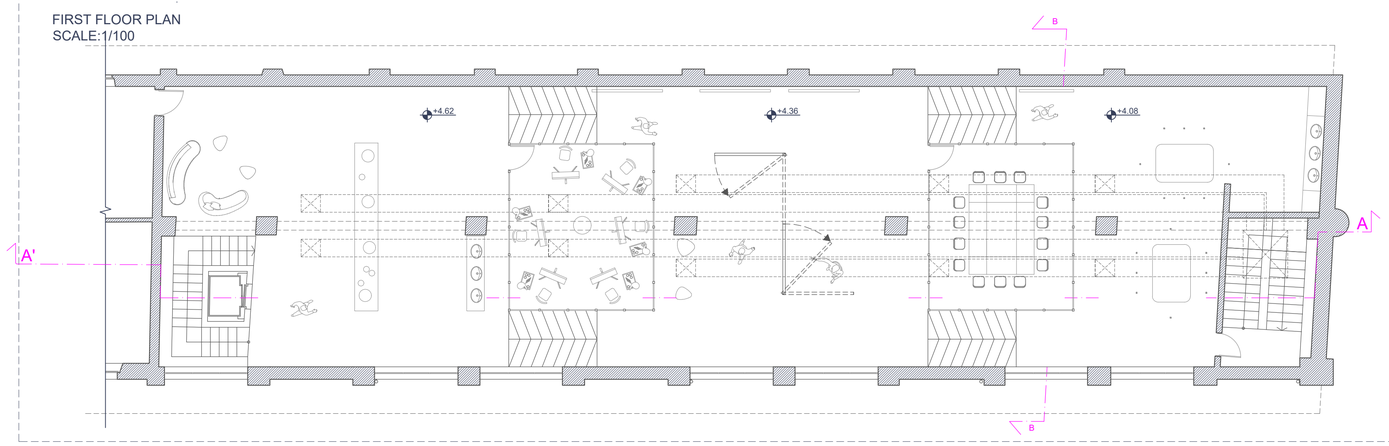
SECTION A-A'
SCALE:1/100

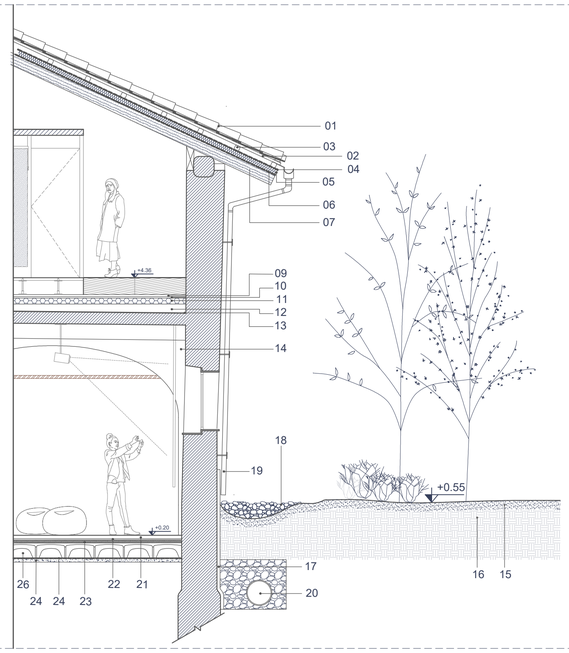


SECTION B-B'
SCALE:1/200



FIRST FLOOR PLAN
SCALE:1/100





SECTION B-B'
SCALE:1/50

Detail Construction:

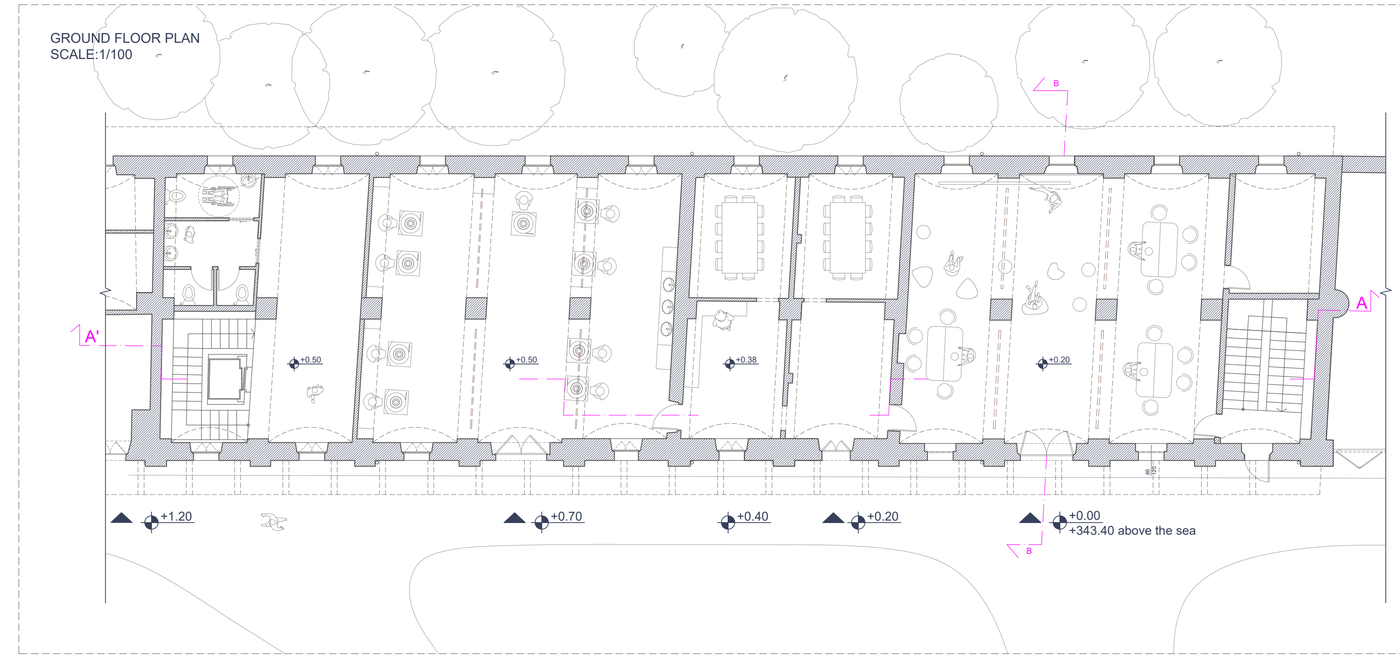
1. Roof tiles
2. Battens
3. Counter-battens
4. Breathable waterproof membrane
5. Wood fiber insulation board
6. Vapor barrier
7. Main timber beams / rafters
8. interior finish (wood ceiling)

9. Finishing: sheet vinyl, 3.5 mm
10. gypsum-fiber boards, 25 mm
11. Acoustic layer, 10 mm
12. Dry lightweight leveling fill (Expanded clay granules), 50mm
13. Geotextile separation layer, 2mm
14. Existing vault extrados (masonry)

15. Topsoil / vegetation layer
16. Backfill soil
17. Waterproofing / damp-proof membrane
18. Drainage layer (gravel)
19. Gutter
20. Drainage pipe

21. Cement-based screed
22. Heating system
23. EPS thermal insulation
24. Vapour / heat membrane
25. Cast-in-place concrete
26. Ventilated crawl space (IGLU system)

GROUND FLOOR PLAN
SCALE:1/100



Politecnico di Torino
Department of Architecture

Master's Degree Thesis in
Architecture for Sustainability

Sant'Antonio di Ranverso preceptory
A proposal for a slow tourism hub along the Via Francigena

Supervisors: Carla Bartolozzi
Marco Roggero
Co-supervisor: Daniele Dabbene

Students:
Ala Salari
Romina Janfada

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Architectural Design : Sheet N.3