



POLITECNICO
DI TORINO

Dipartimento di
Architettura e
Design

Master in Architecture for
Sustainability
A.Y. 2024 - 2025

Thesis Title

**Gardella's Lost Legacy:
The Church of Alessandria.**
Study, 3D documentation and
Analysis

Students

S314988 Hiba Hamid Hashmi
S306891 Maria Jose Lopez Ortiz

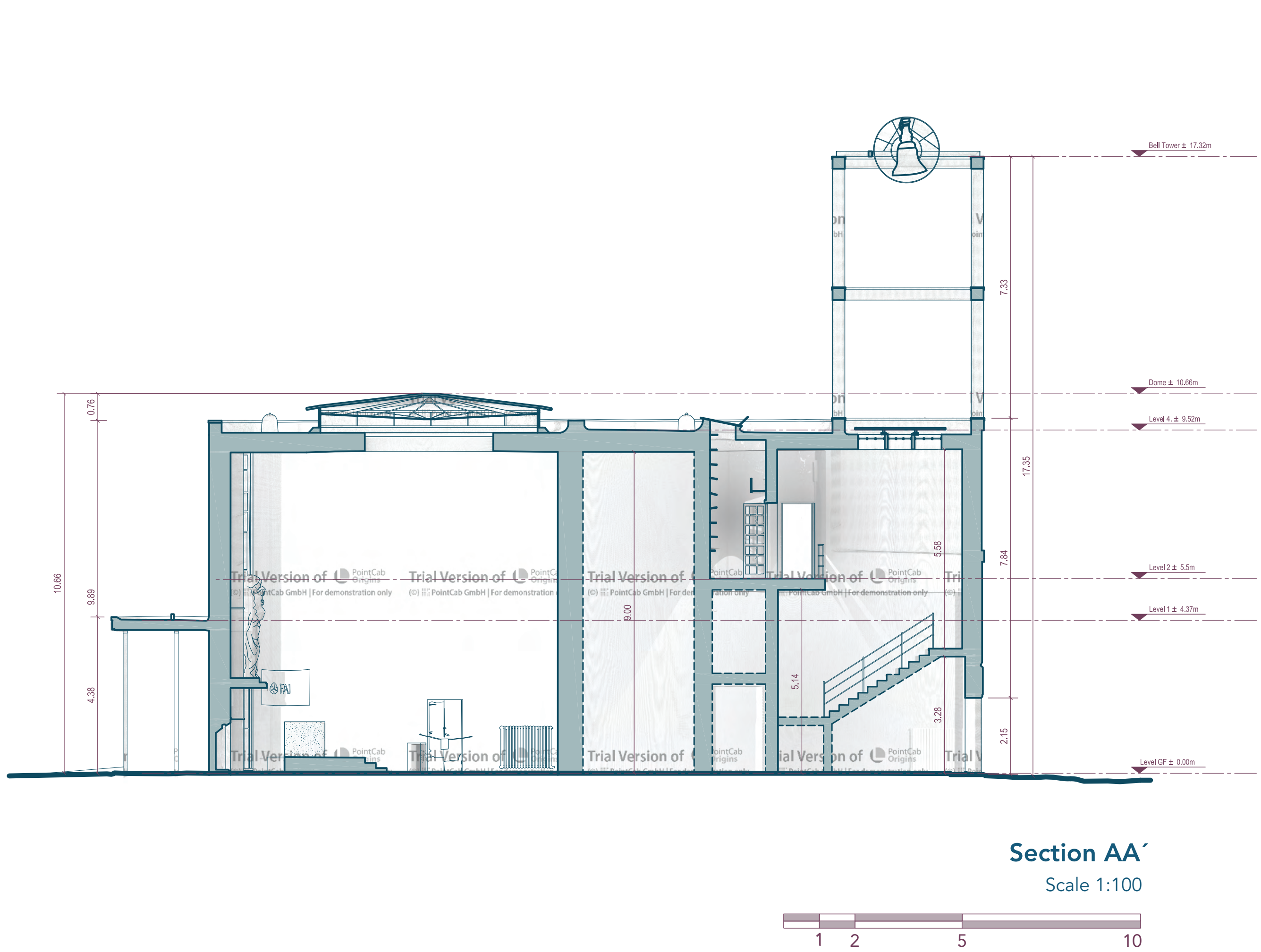
Supervisors

Supervisor:
Filiberto Chiabrando
Co-Supervisor:
Francesco Novelli

Board No. 03

- TERRITORIAL CONTEXT
- GEOMATICS SURVEY
- 2D DOCUMENTATION
- HBIM DOCUMENTATION
- MATERIAL ANALYSIS
- CURRENT STATE OF
CONSERVATION ANALYSIS
AND SOLUTIONS
- THE PROPOSAL

The Church Building



LEGEND OF LINE TYPES AND SYMBOLS

- Projection lines under dome structure
- Slope lines
- Drain system
- Plumbing pipes
- Technical outlets
- Anchor points
- Metal coping
- Bituminous waterproof membrane
- Technical chimney
- Dome structure

LEGEND OF LINE TYPES AND SYMBOLS

- Definitive wall section
- Hypothesized walls section
- Polished grain chancel rail
- Polished grain stone altar

