

Atlas of Details



Aldo Van Eyck. Orphanage in IJsbaanpad 1960

Author(s): Salvatore Paolo Alfio Reina

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URL: <https://www.detailsinsection.org/archives/projects/orphanage-in-ijbaampad>

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Atlas of Details is a research project to demonstrate how insightful a section can be, in order to represent the complexity of the architectural artifact, since it allows the simultaneous perception of materiality and form, of building envelope and interior spaces. Atlas of Details is a project by The Formwork, an association established by professors and PhD candidates with diverse academic backgrounds (history, architectural design, technology, preservation) working at the IUAV University in Venice and at the Milan Politecnico. For more information about the Atlas of Details and The Formwork, please contact info@theformwork.org.

The Formwork

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Aldo Van Eyck

Orphanage in

Ijsbaanpad

1960

Text

Salvatore Paolo Alfio Reina
IUAV Venezia

Drawings

Salvatore Paolo Alfio Reina
IUAV Venezia

Architect

Aldo Van Eyck, Hannie Van Eyck

Name of the building

Orphanage in Ijsbaanpad

Site

Ijsbaanpad, Amsterdam (Netherlands)

Client

Frans Van Meurs

Contractors

Bataasfe Aanneming Maatschappij

Other actors

Wessel de Jonge (preservation works)

Building permit

1955

Start of construction works

1958

End of construction works

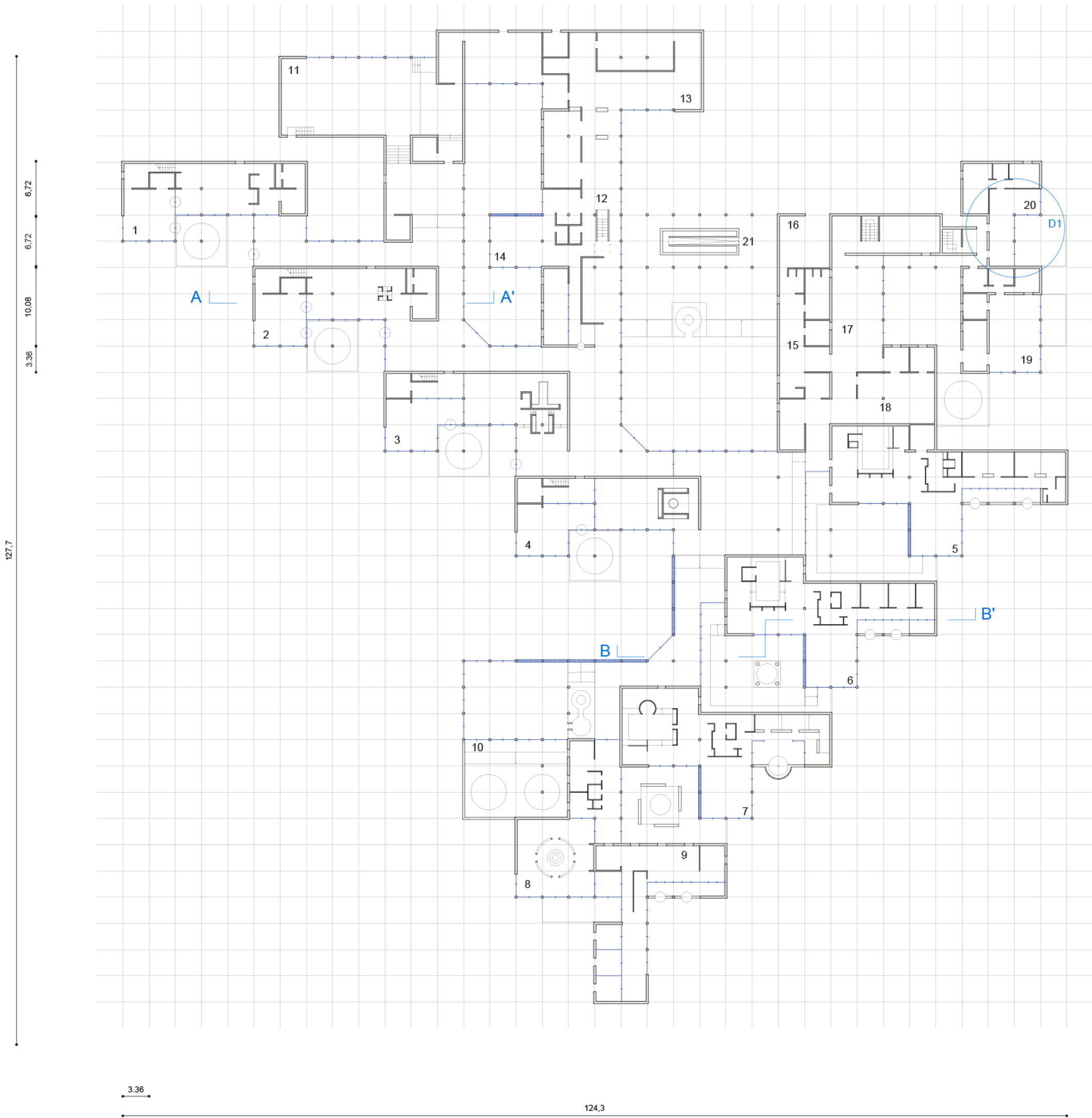
1960

Preservation works

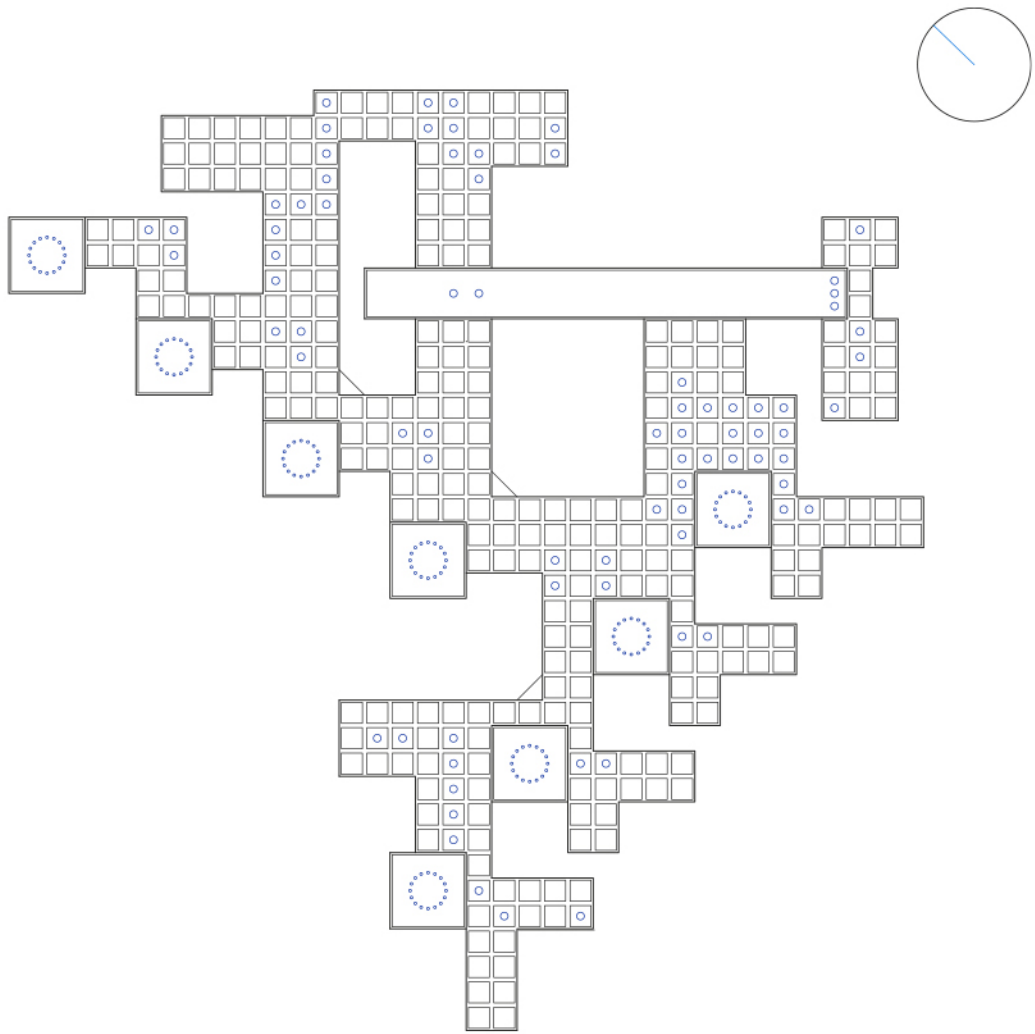
1987: partial preservation works;
1993: the structural frame is substituted;
2015-2018: complete preservation works.

Construction system

Steel and reinforced concrete frame with reinforced concrete "igloo" roof structure (the main "igloos" are made of concrete which was poured in situ, while the secondary "igloos" were prefabricated).

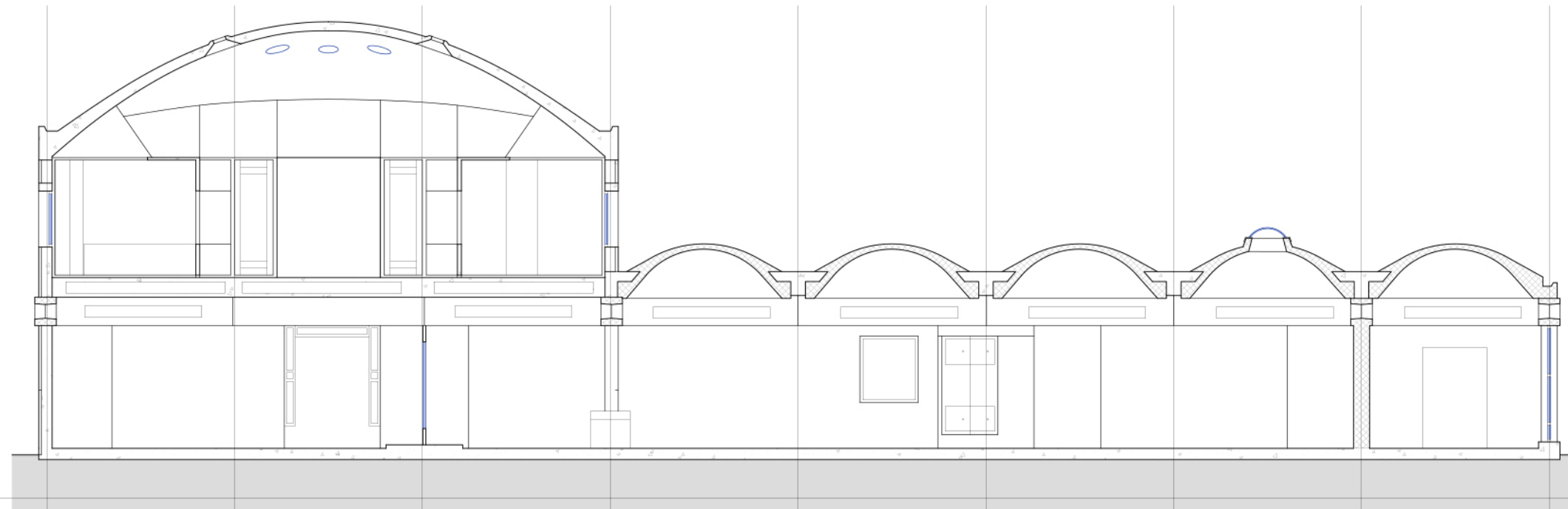
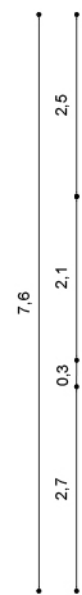


Ground floor
Scale 1:500

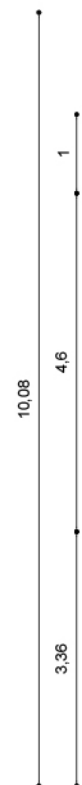
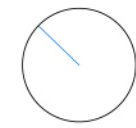


General plan
Scale 1:1000

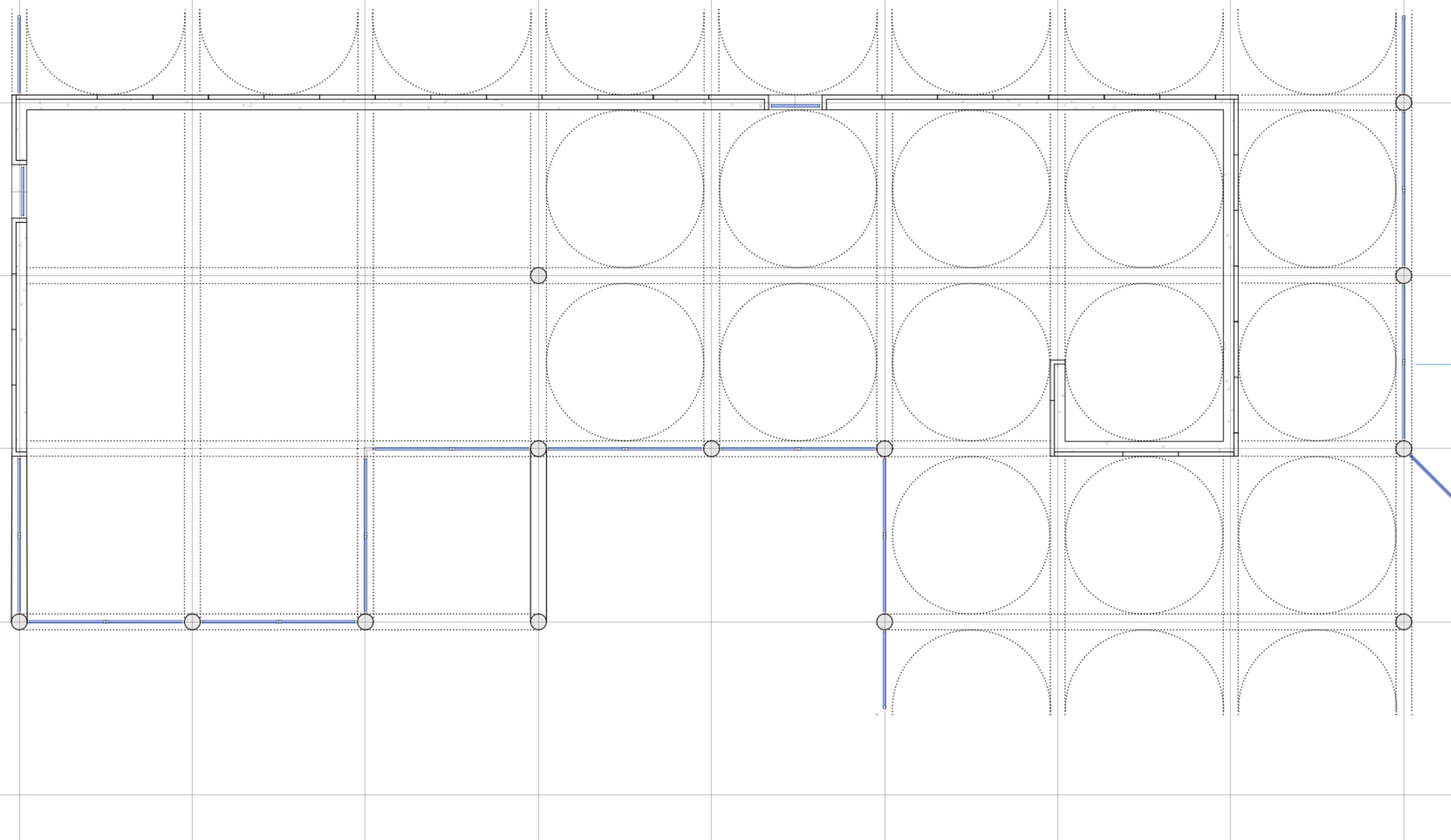
- Intended use**
- 1. 14-20 year old boys' department
 - 2. 14-20 year old girls' department
 - 3. 10-24 year old boys' department
 - 4. 10-24 year old girls' department
 - 5. 6-10 year old mixed department
 - 6. 4-6 year old mixed department
 - 7. 2-4 year old mixed department
 - 8. baby department
 - 9. sickbay
 - 10. party room
 - 11. gym and theatre
 - 12. head's office, psychologist, male and female supervisors
 - 13. administration and archives
 - 14. staff room and library
 - 15. service entrance
 - 16. garage for minibus
 - 17. main linen room
 - 18. main kitchen
 - 19. head's home
 - 20. departmental head's home
 - 21. ramp to bicycle cellar



Section AA'

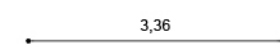
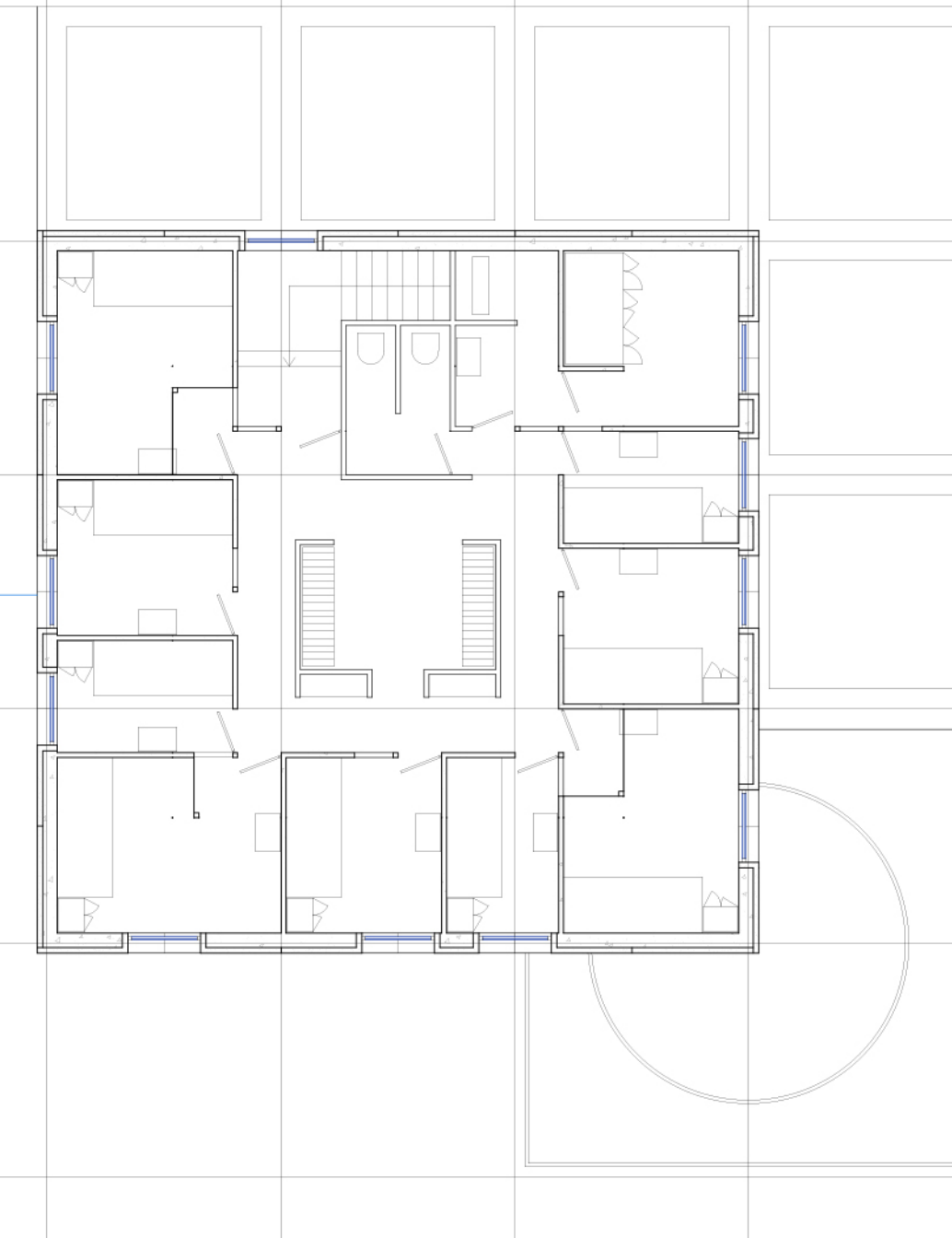


A



A' A

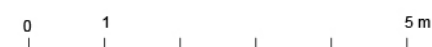
A'

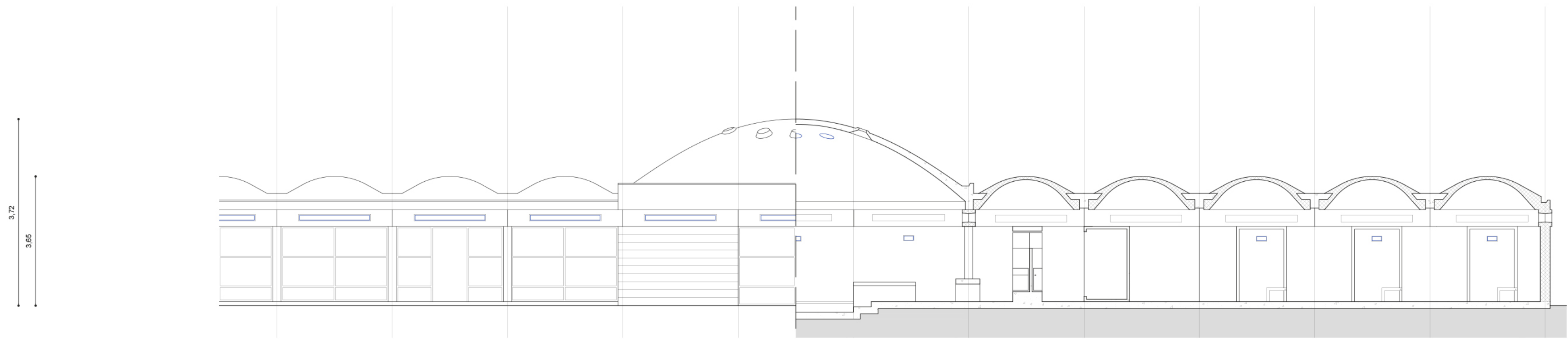


23,5

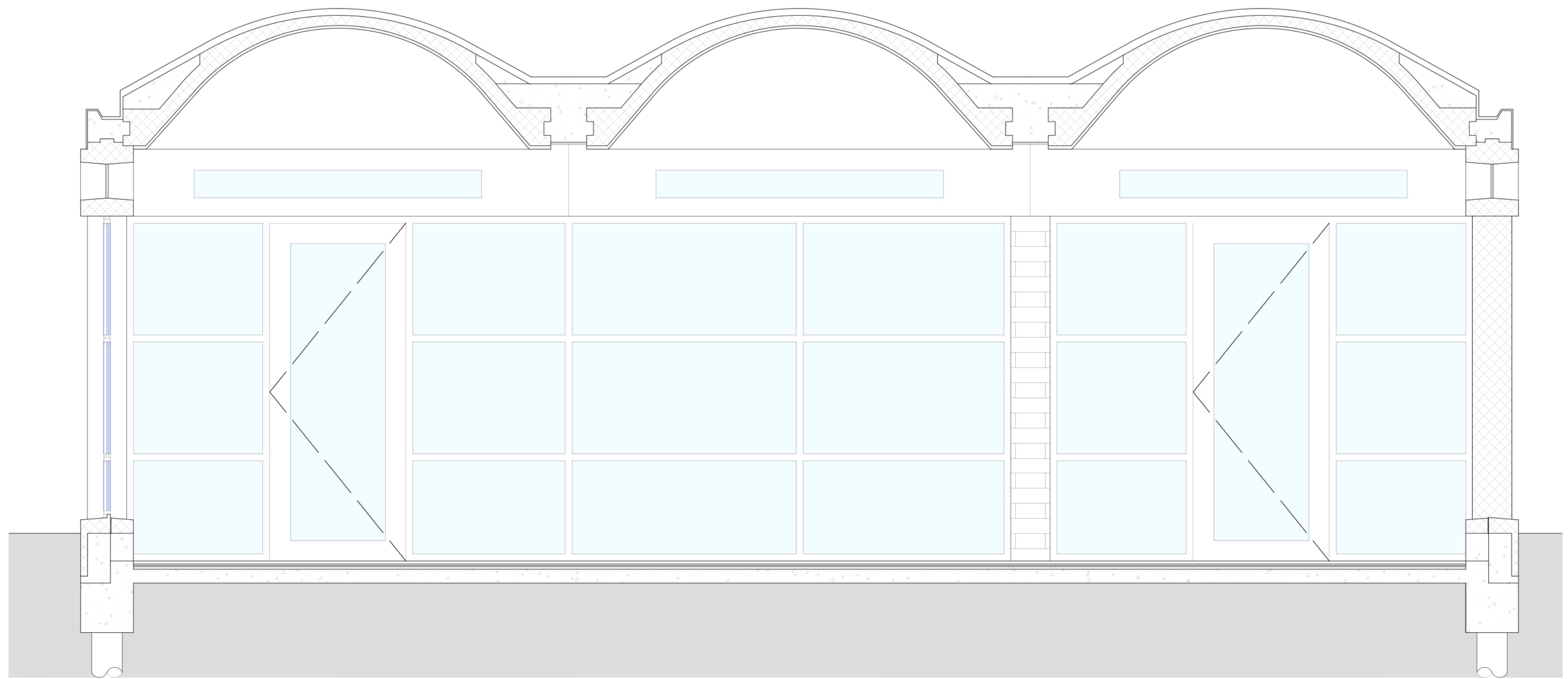
10,08

Ground floor
Scale 1:100





Section BB'
Scale 1:100



Detail D1
Scale 1:25

