

Atlas of Details



Franco Albini, Franca Helg, Grandi magazzini La Rinascente 1957-1961

Author(s): Lidia Alessandra Zianna, Erika Martignon, Davide Bergo

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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

Cultural association

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Franco Albini
Franca Helg
Grandi magazzini
La Rinascente
1957-1961

Text

Lidia Alessandra Zianna
IUAV Venezia

Drawings

Erika Martignon
Davide Bergo
IUAV Venezia

Architect

Franco Albini (1905-1977), Franca Helg (1920-1989)

Name of the building

Grandi magazzini La Rinascente

Site

Piazza Fiume e Via Salaria, Rome (IT)

Client

Società La Rinascente
Aldo Borletti (President), Cesare Brustio (AD)

Contractors

Ufficio Tecnico della Rinascente (coordinator of the execution and arrangement and furnishing of the internal environments);
Impresa Castelli (construction);
Impresa Badoni (iron structures);
Fulget F.lli Capoferri (coatings);
Aster (conditioning system);
Pirelli (rubber floors);
Greco (lighting fixtures);
S.I.E.L.T.E. and Siemens (telephones and radios);
Rabak (internal illuminated signs);
Plaphon (false ceilings);
Bargna (marbles);
Davidson & Rhode (iron Impetization);
Vetromeccanica Italiana (windows and doors);
Biraghi (showcases);
Mather and Platt (firefighting);
Schindler (elevators);
Sabiem (escalators);
Brambilla (wooden windows);
Richerd Ginori (tiles);
Villa, Cremona and Berti (painting);
Feal (vertical blinds);
Fontana Arte (crystals);
Longato (furnishings);
Ceresio Papa (joinery);
Arflex (armchairs and sofas);
SAMIT (carpets);
SINTELIT-SADI ("fireproofing" coating of steel columns);
Bontempelli (pneumatic post)

Engineer

Ing. Gino Covre

Other actors

Arch. Sergio Berizzi e Giorgio Zenoni (project collaborators);
Prof. Balbino Del Nunzio (air conditioning system setting);
Ing. Antonio Tosi (fire protection system study);
Ing. Adolfo Rivarola (construction manager);
Arch. Carlo Pagani e Giancarlo Ortelli (interior design);

Project

1957 july-december: first project
1958 april - 1961 september: intermediate solutions and completed project

Building permit

1958 february 24: building permit for 'building demolition and reconstruction';

1958 february 26: building permit for 'building demolition and reconstruction'

Start of construction works

1958

Project variations

1959 april 13: building permit for 'intensive building variant';

1960 march 2: building permit for 'intensive building variant';

1961 july 19: building permit for 'building variant'

End of construction works

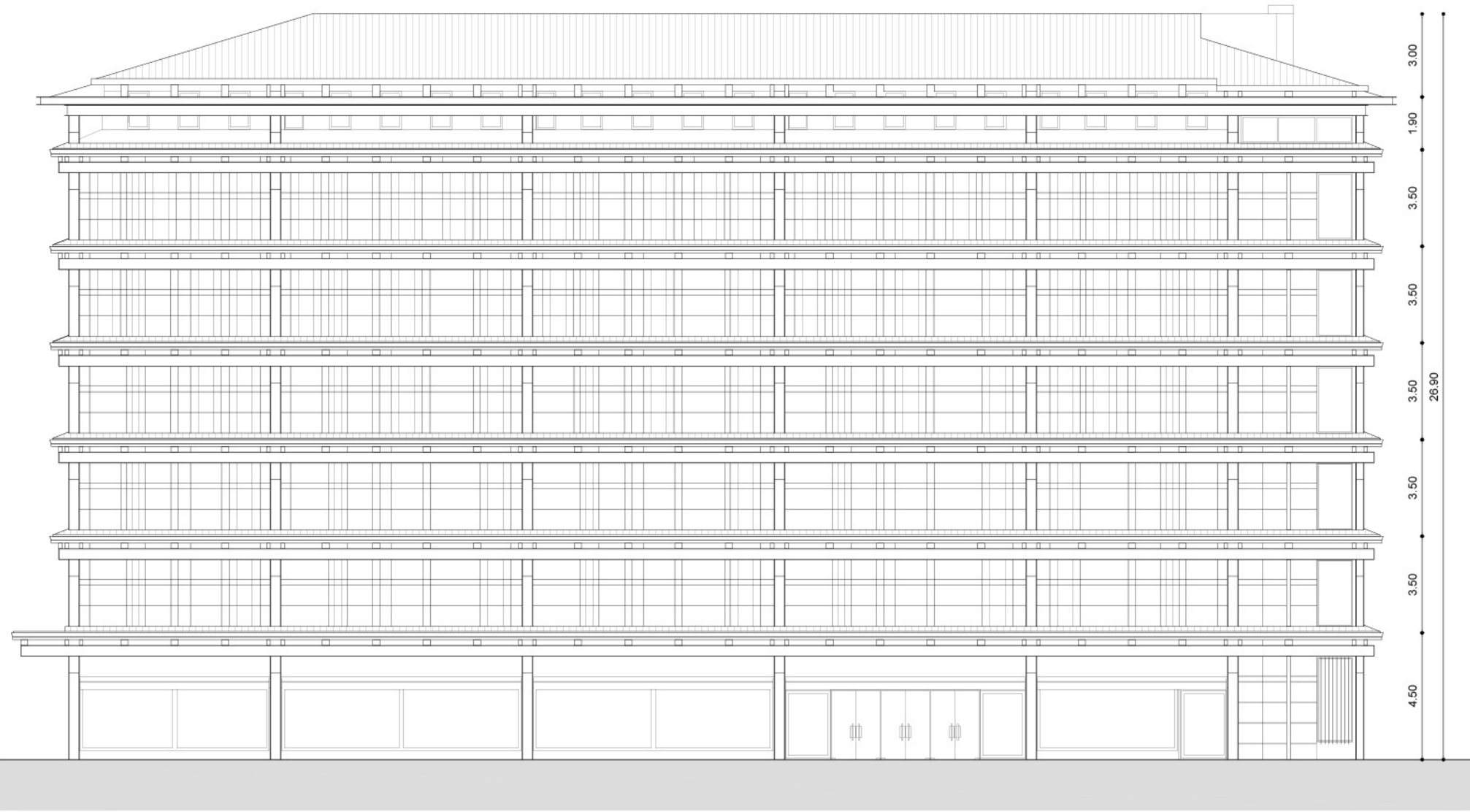
1961

Prizes

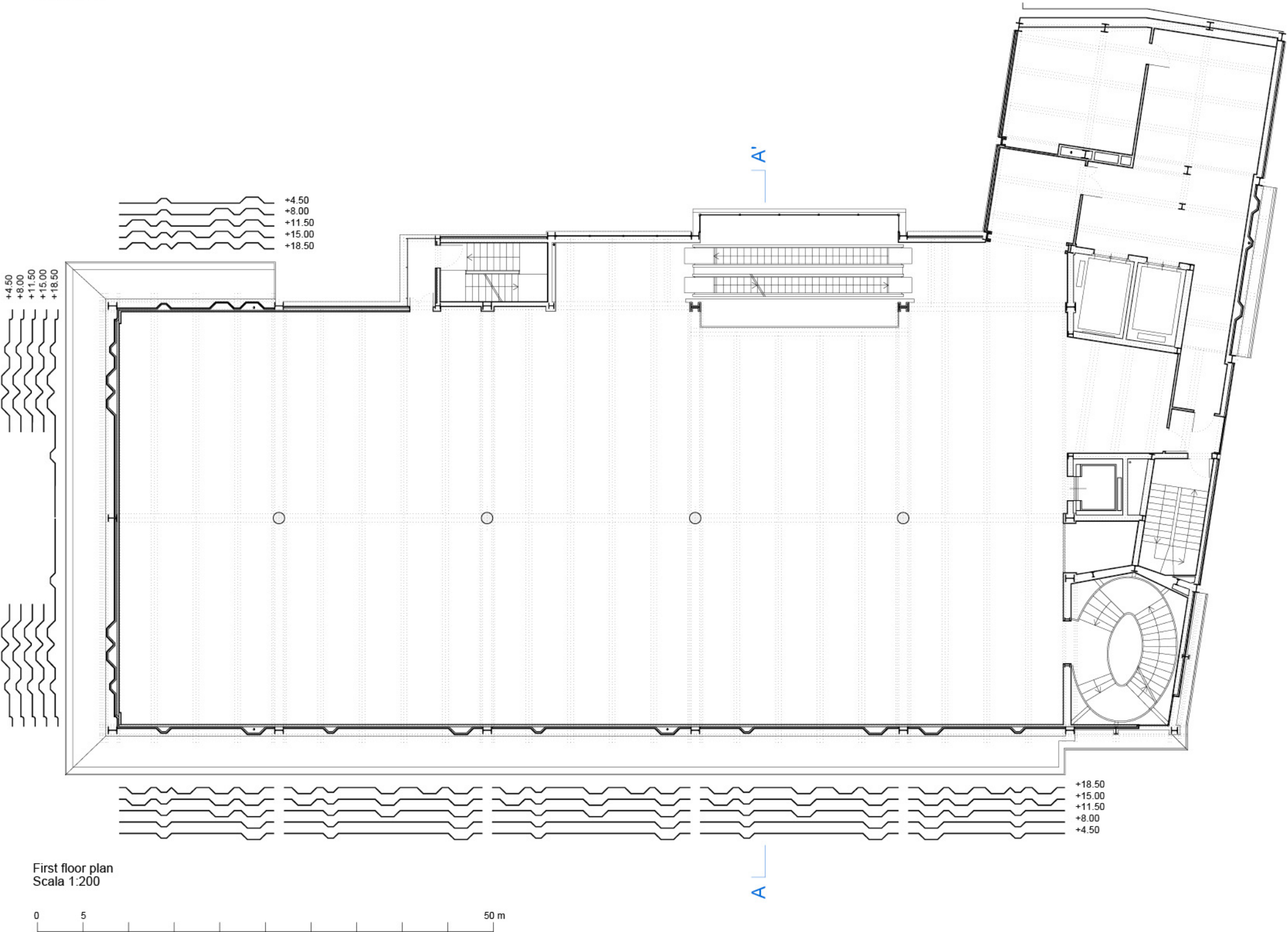
Premio regionale IN/ARCH per il Lazio 1963

Construction system

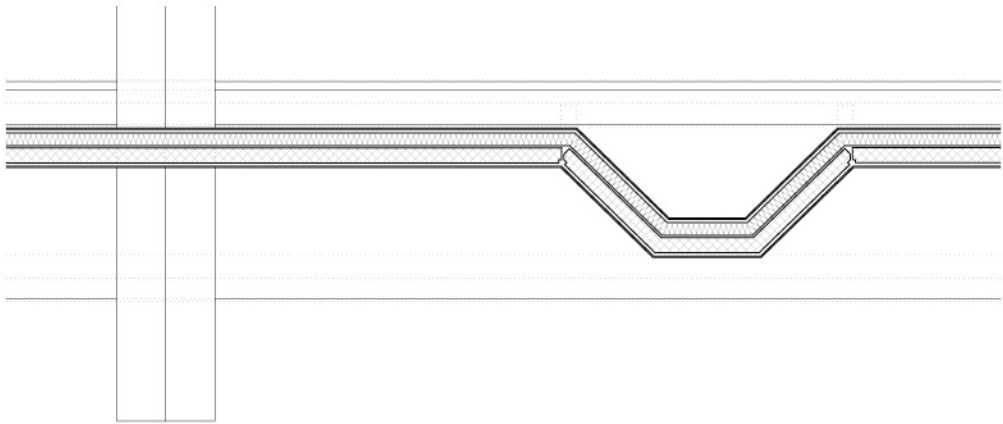
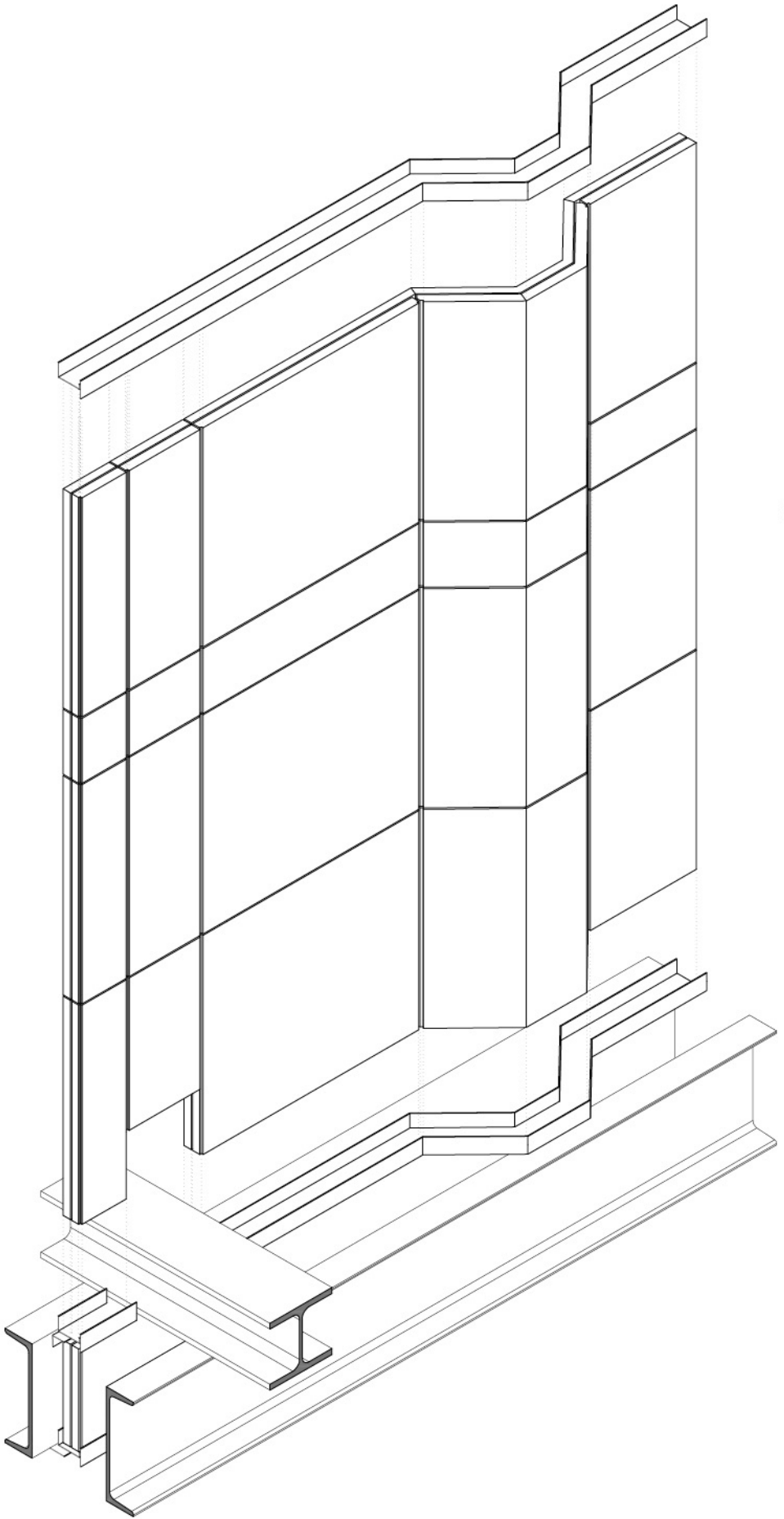
The load-bearing system of the building is resolved in a particular relationship between the metal supporting structure and the infill panels. The former is broken down into its load-bearing elements (beams and pillars), which are then assembled on two different planes, so that each retains its own recognisability. The beam protrudes conspicuously over the edge of the pillar and consequently projects onto the façade plane, which is characterised by an increasing series of corrugations formed by the corrugation of the façade panel, which contains the plant ducts.



Elevation, via Salaria
Scale 1:200

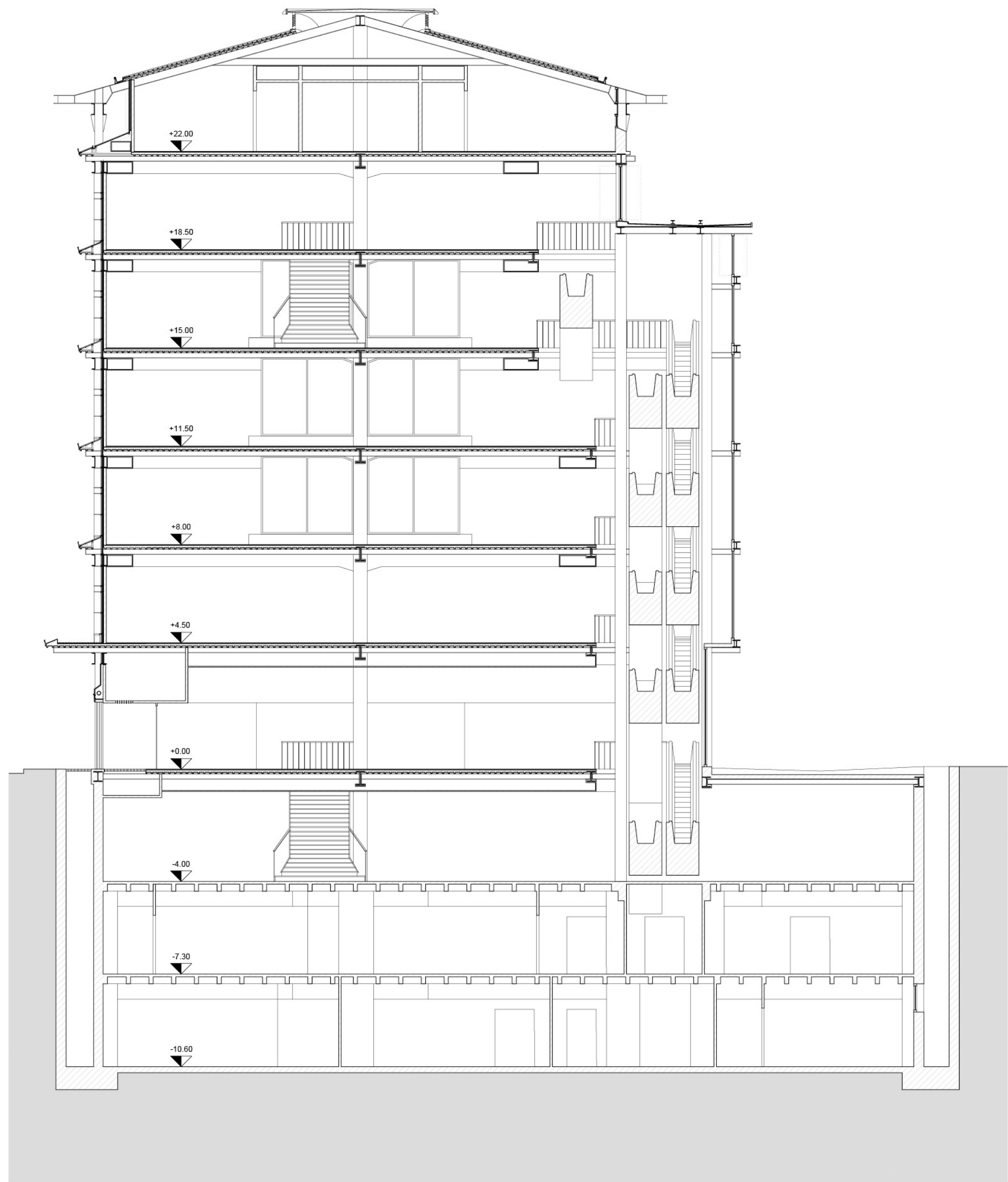


First floor plan
Scala 1:200



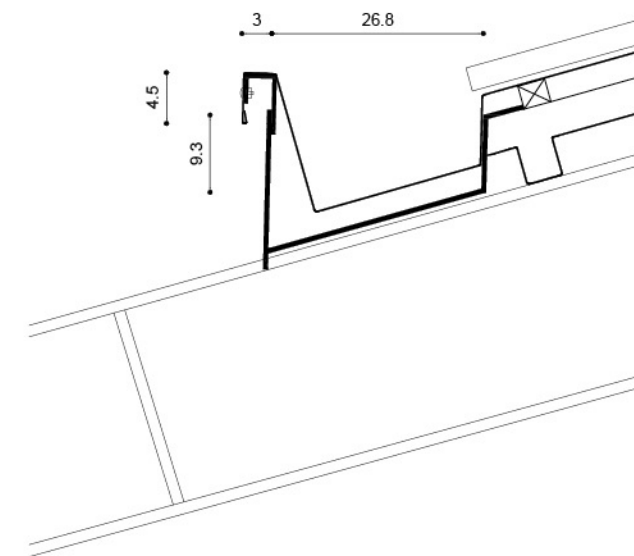
Plan and axonometry of the panelling on Via Salaria
Scala 1:20



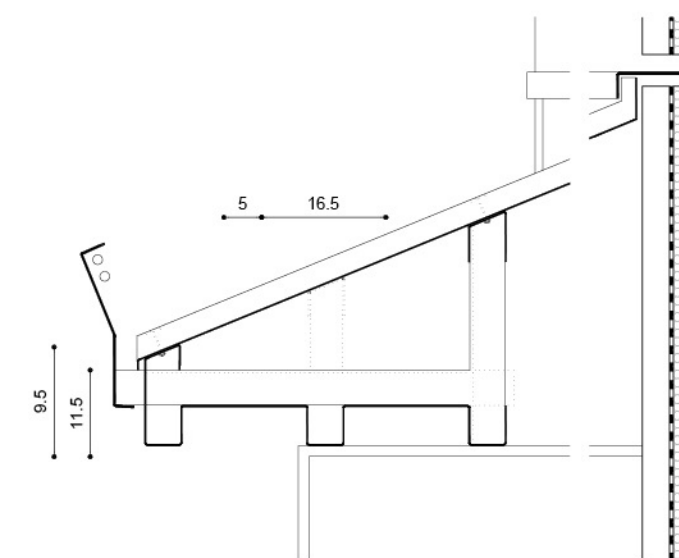


AA': Transverse section
Scale 1:150

0 1.5 15 m

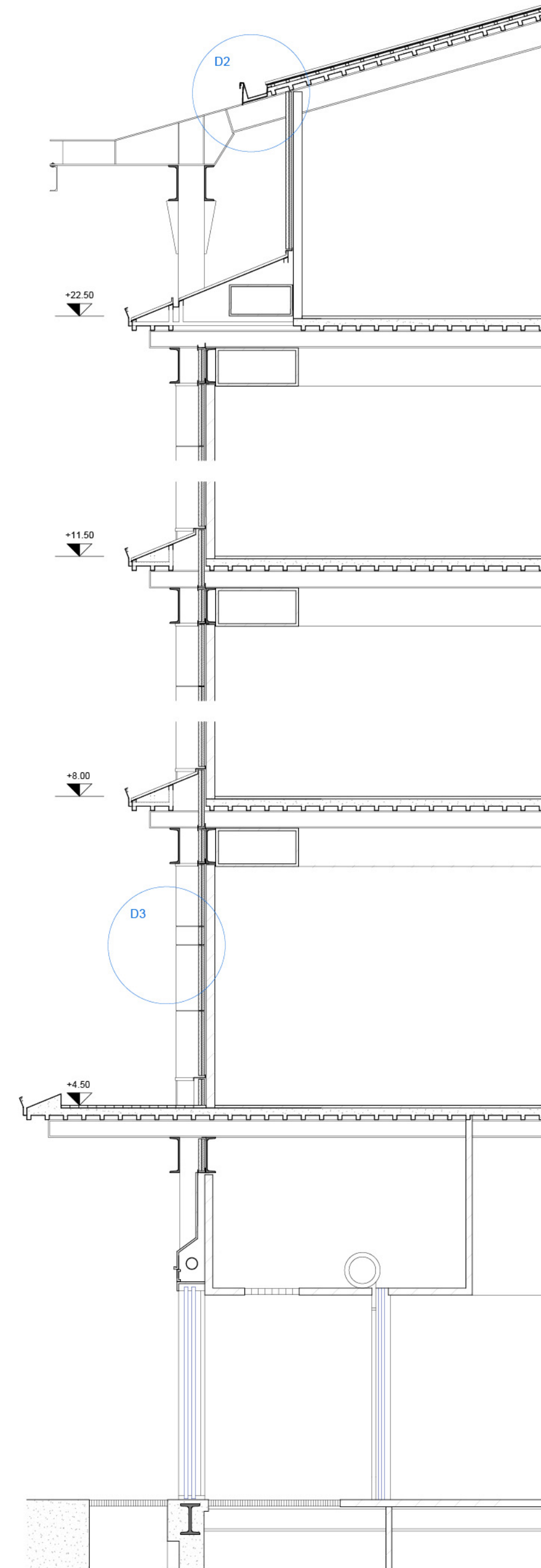


D2. Detail
Scale 1:10

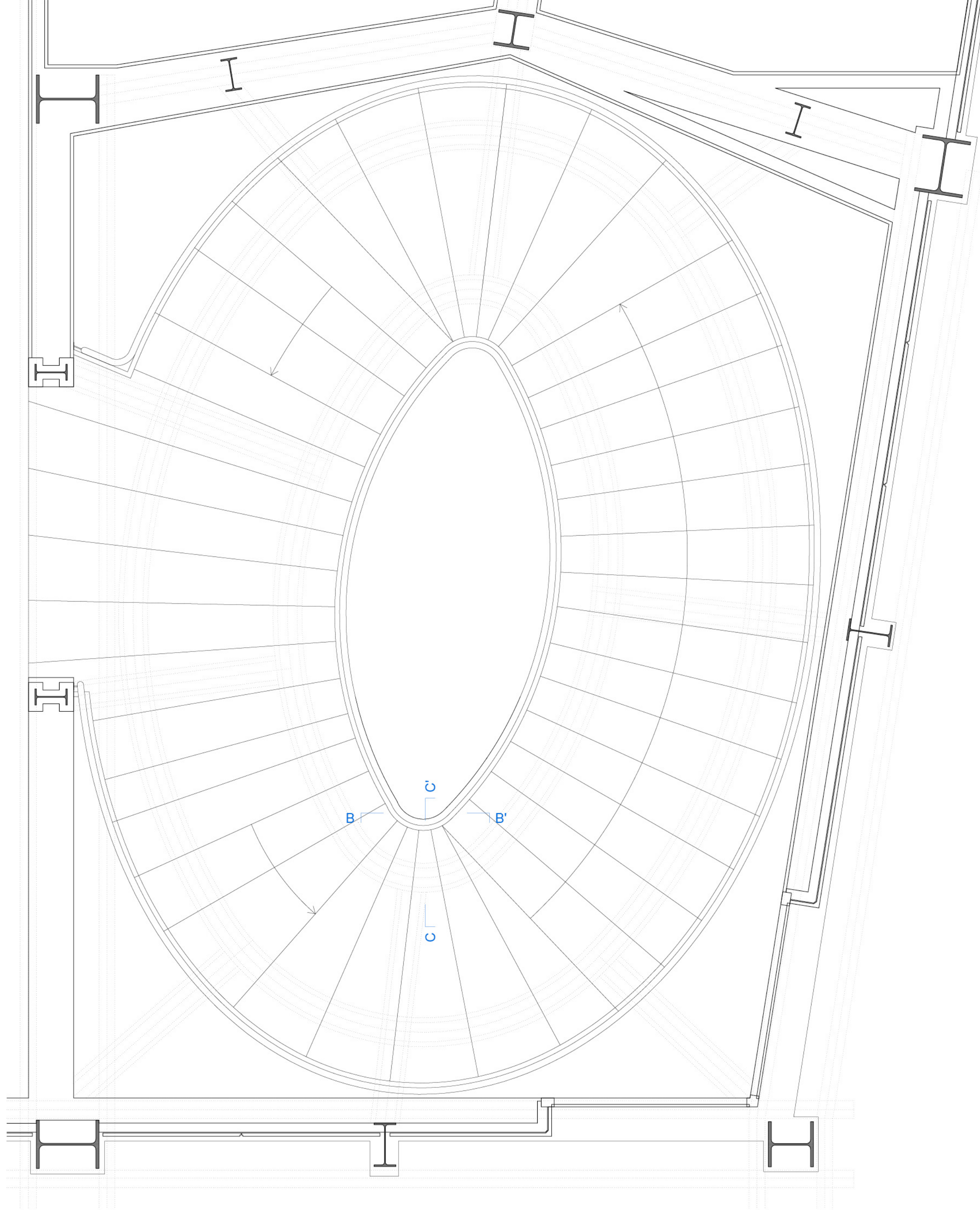


D3. Detail
Scale 1:10

0 10 50 cm

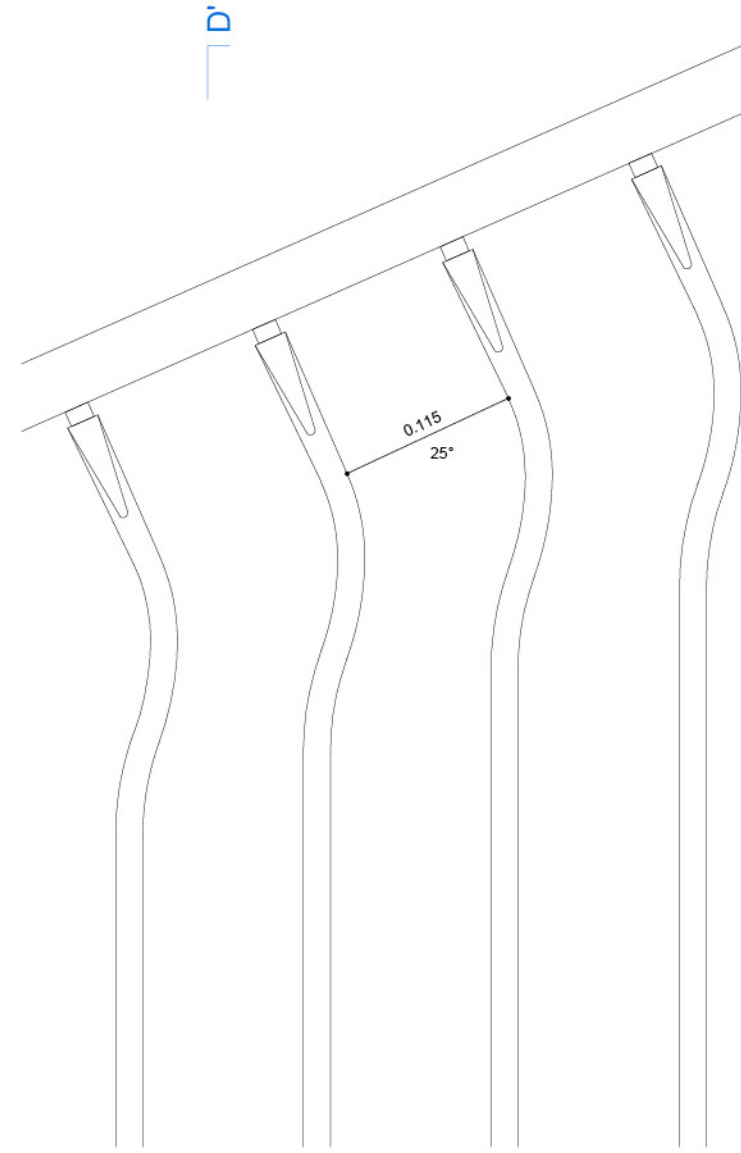


AA': Section
Scale 1:50



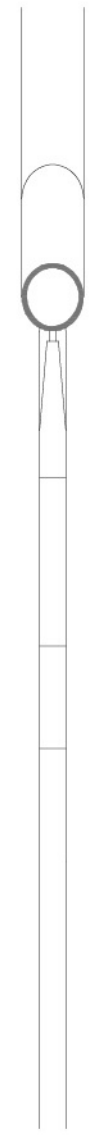
Horizontal section staircase
Scale 1:20

0 20 200 cm

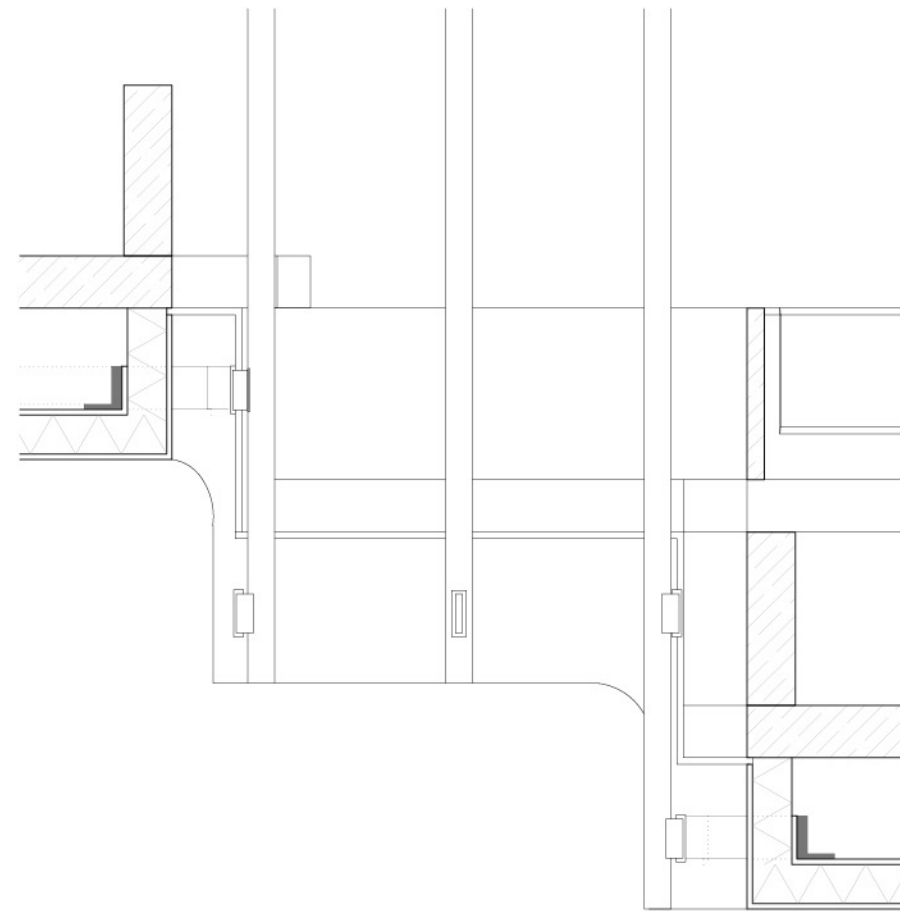


Parapet elevation
Scale 1:5

0 5 25 cm

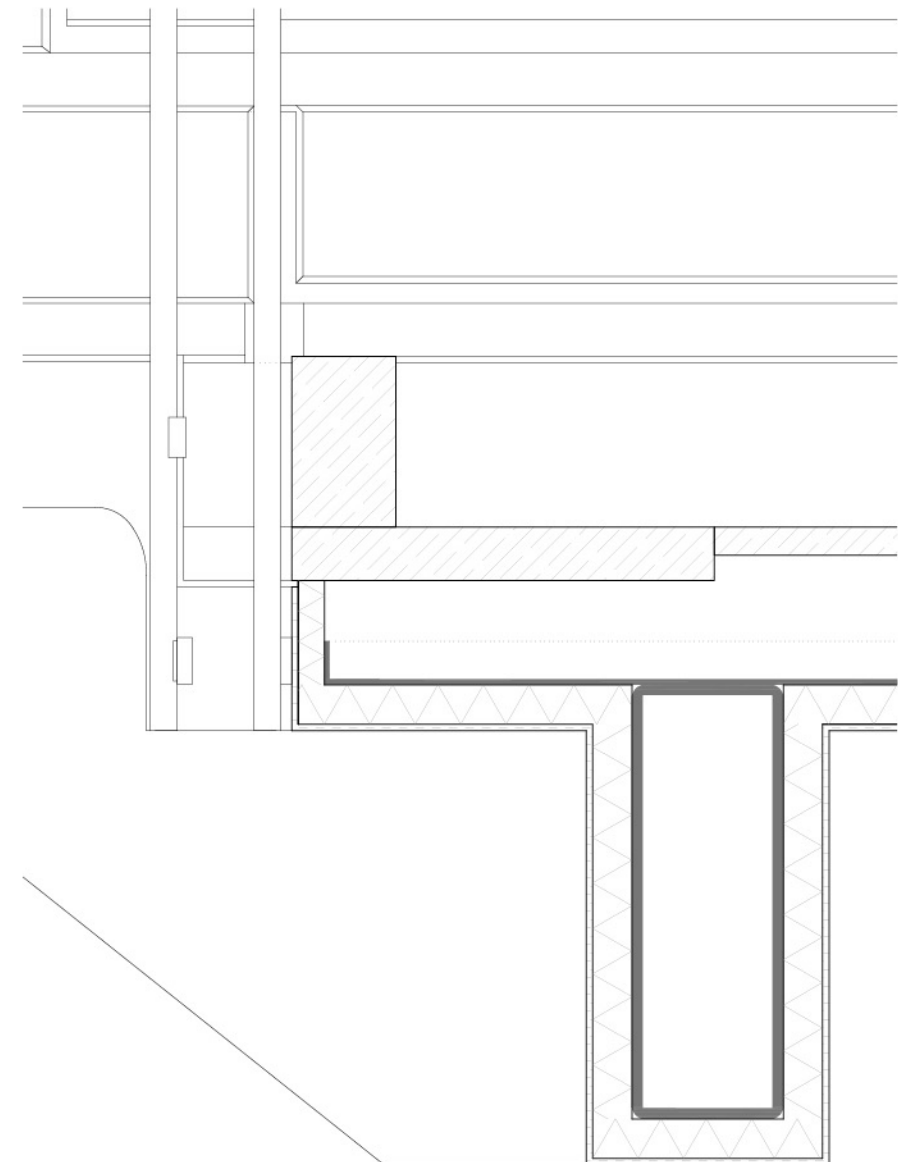


DD' Section
Scale 1:5

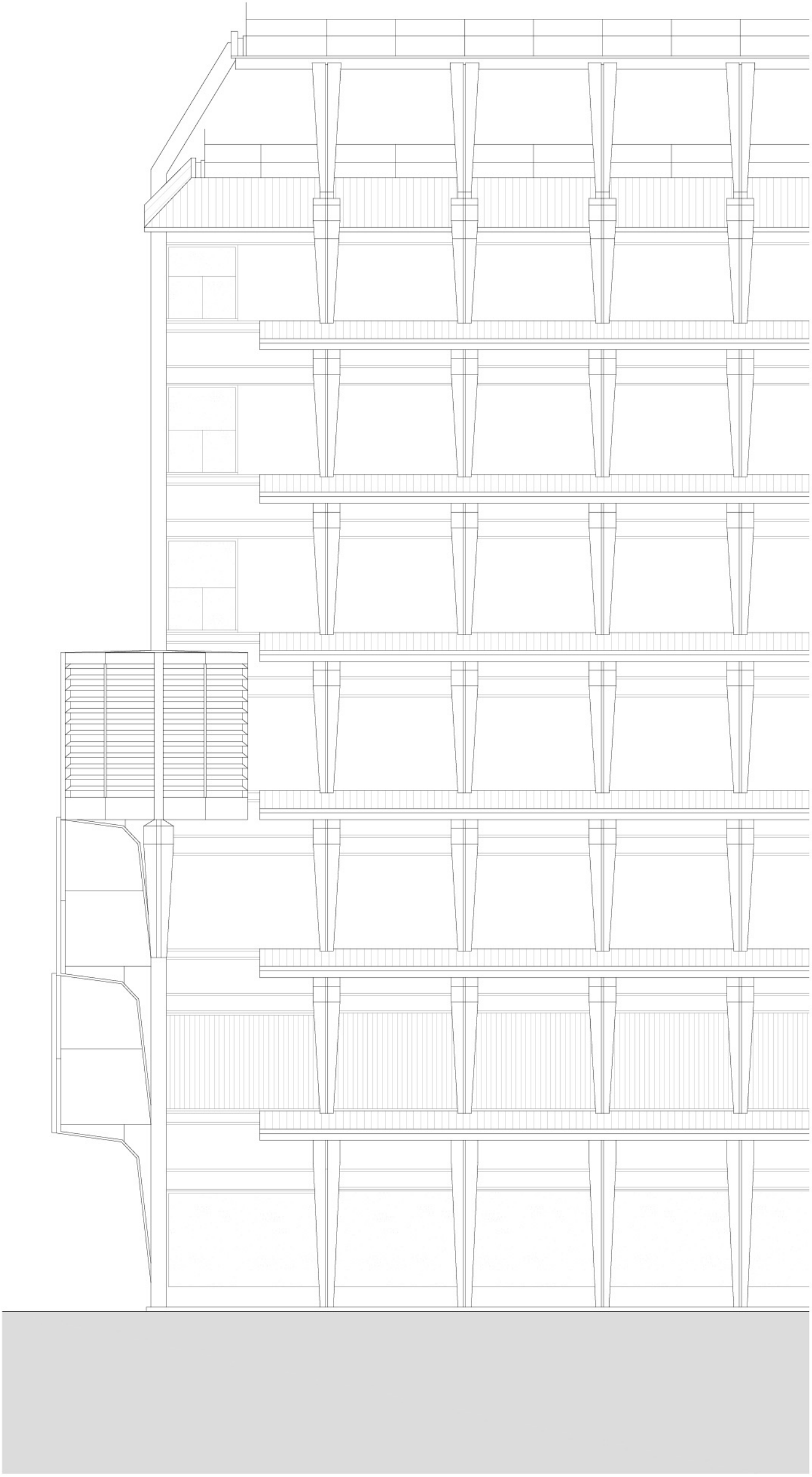


BB' Section
Scale 1:5

0 5 25 cm



CC' Section
Scale 1:5



Via Salaria elevation (first project)
Scale 1:100

0 1 10 m

