# Atlas of Details



### Toyo Ito & Associates. Aluminium House 2000

Author(s): Gianluca Driussi

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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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# Toyo Ito & Associates Aluminium House

### Text

Gianluca Driussi IUAV Venezia

### **Drawings**

Gianluca Driussi IUAV Venezia

### Architect

Toyo Ito & Associates

### Name of the building

Aluminium house

### Site

Sakurajosui, Tokyo

### Client

A married couple

### Contractors

Nippon Light Metal Group

### Engineer

Masato Araya (Oak Structural Design office)

### Other actors

Kawaguchi Mechanical Engineering (mechanical engineer)

## **Building permit**

1997

### Start of construction works

1999

### **Project variations**

2000

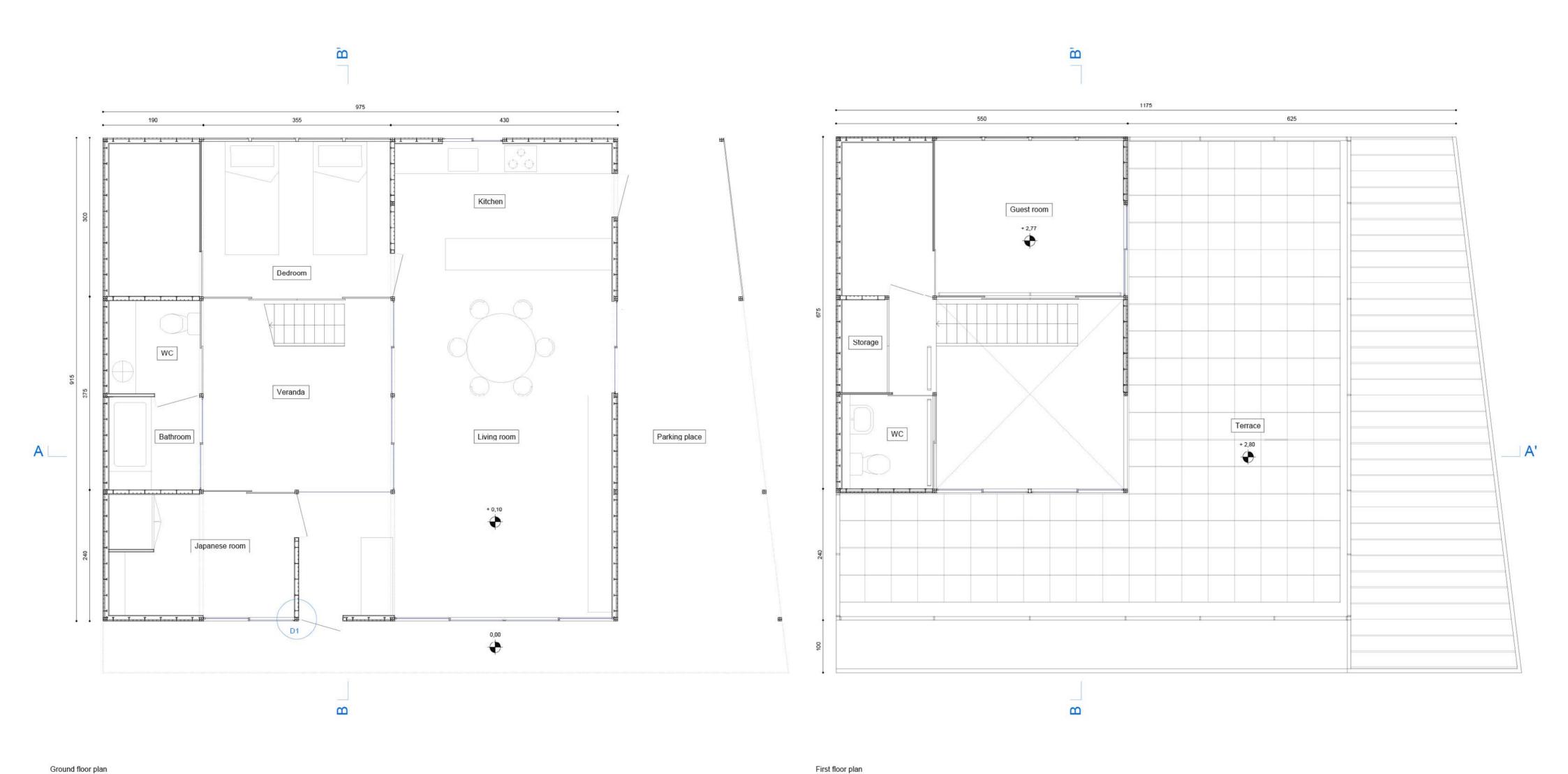
### **End of construction works**

1932

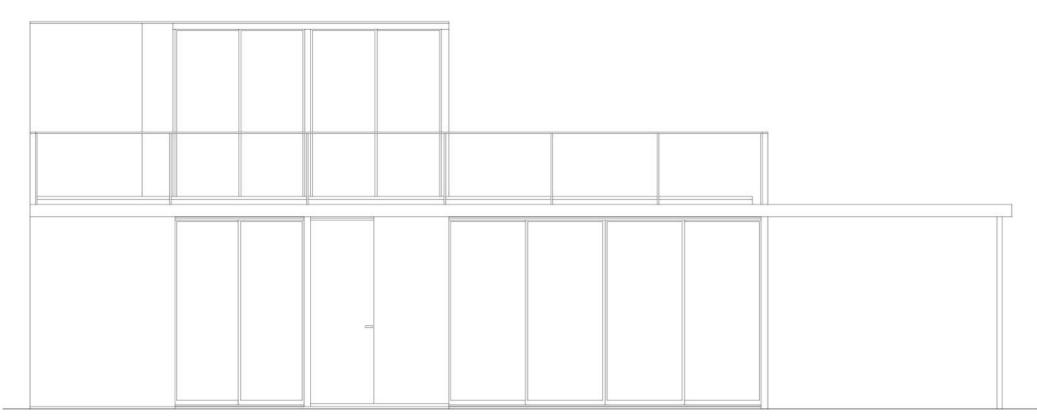
### Construction system

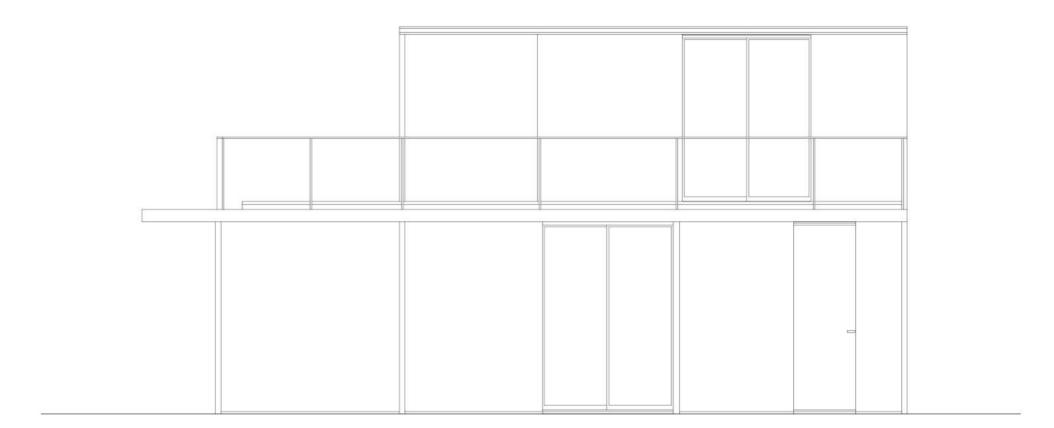
Modular system with aluminum structural elements

Scale 1:50



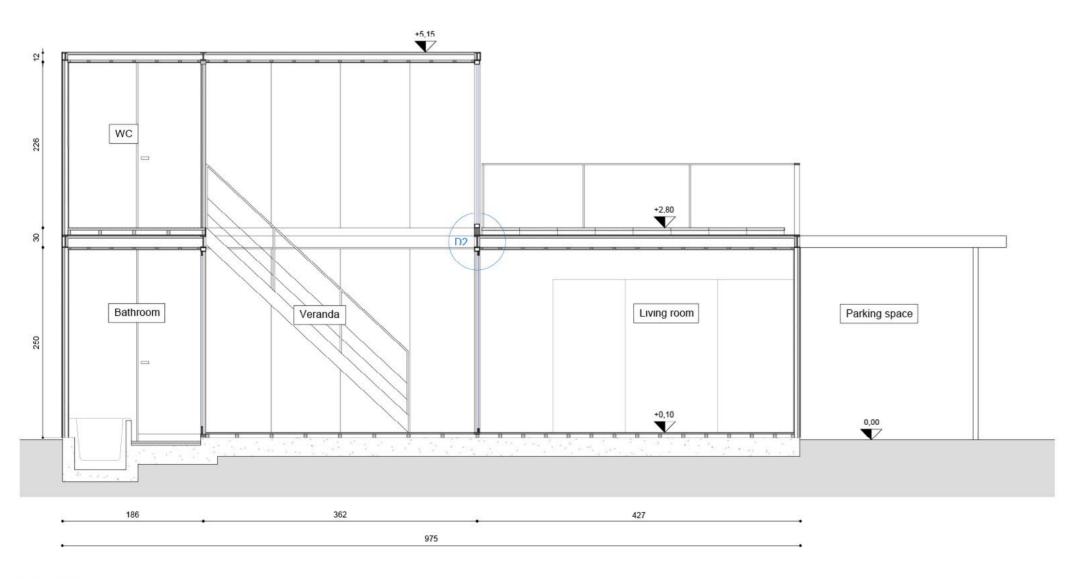
ils 1

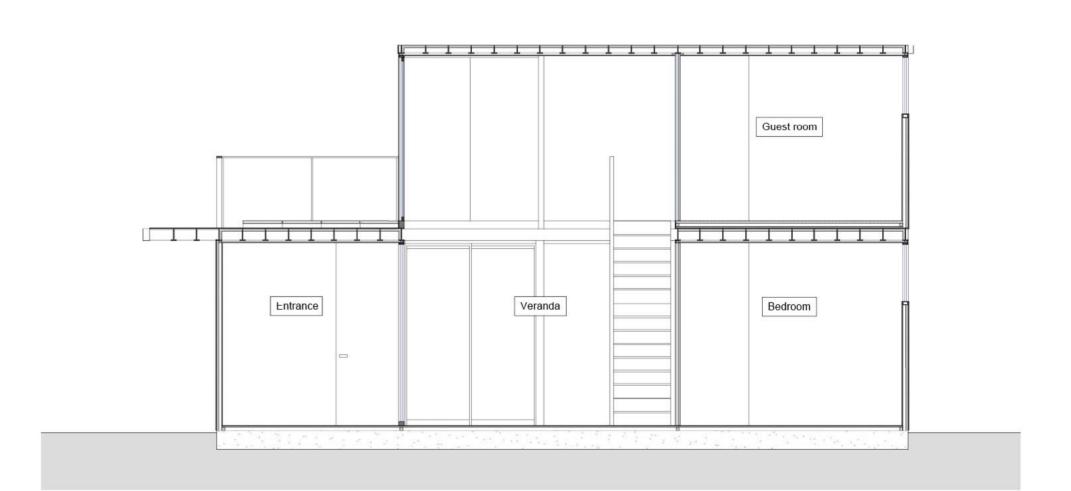




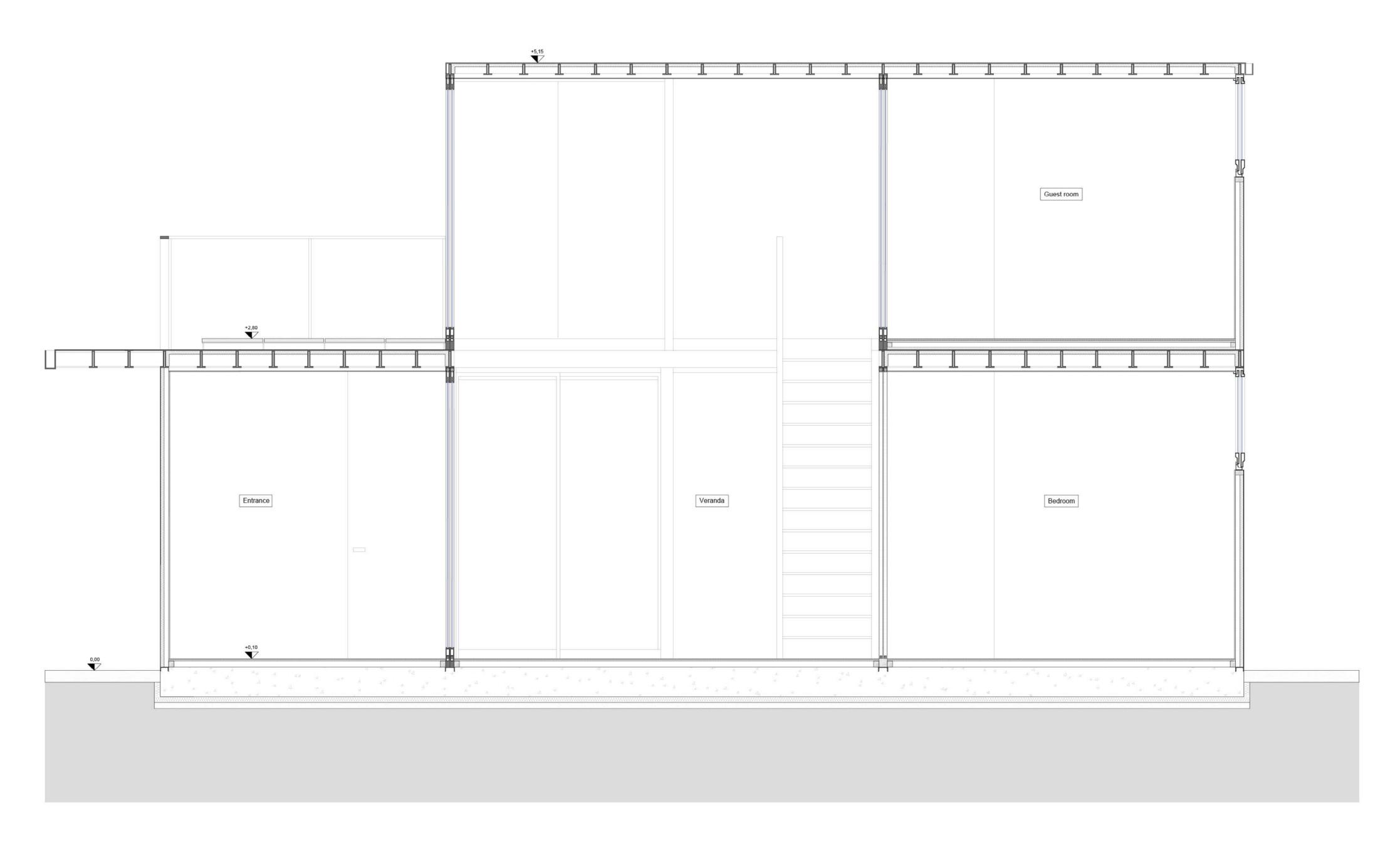
East elevation

South elevation





Section A-A'



Section B-B'
Scale 1:20

0 0,2 0,4 2r

