

## 24 Supervised residence in Azpilagaña

Calle Río Alzaina 18, 31006  
**SPAIN Pamplona**

**2022**  
 Project developing

### About

The project integrates elderly people into urban life through the construction of supervised flats in an established neighborhood. The 10-storeys building has been designed according to passivhaus standards. The use of timber in both the structure and the enclosures makes this building a benchmark for sustainable construction.

Aerial view.



Infographics from Río Alzaina street.  
<https://n9.cl/b7b8i>



### Agents involved

Architect	Javier Oficialdegui Amatriain y Germán Velázquez		
Developer	Nasuvinsa		
Construction company	Unknown		
Structural engineer	Madergia		
Timber installer	Stora Enso	Timber manufacturer	Stora Enso



### General

<b>33*</b>	Height (m)	<b>10</b>	Floors above ground
<b>4.971</b>	Built-up area (m <sup>2</sup> )	<b>459</b>	Ground floor area (m <sup>2</sup> )
<b>8.000.000</b>	Budget (€)	<b>1.609</b>	€/m <sup>2</sup>

Building use **Residential**



### Technical data

**Mixed** Structural system      Bracing system      **Unknown**

Timber products used

- 1** Concrete floors
- 9** CLT floors
- 0** Concrete-timber floors



### Construction timing

Months to complete the building

Weeks to build the structure



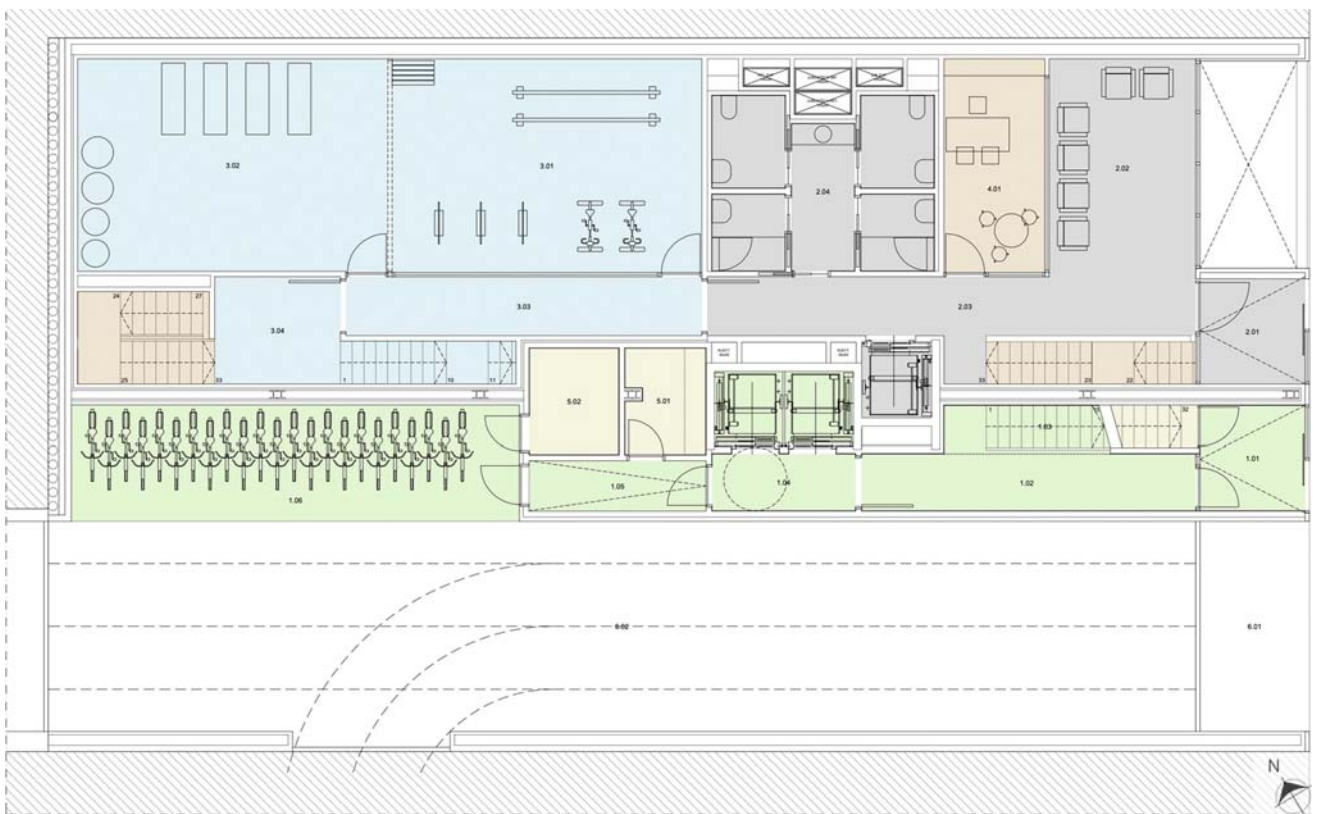
### Wind actions

**Terrain category IV**

Area in which at least 15% of the surface is covered with buildings and their average height exceeds 15 m.

Slenderness

**2,0**



Ground floor plan

0 1 2 5m

## Sustainability

**Picea abies** Wooden specie

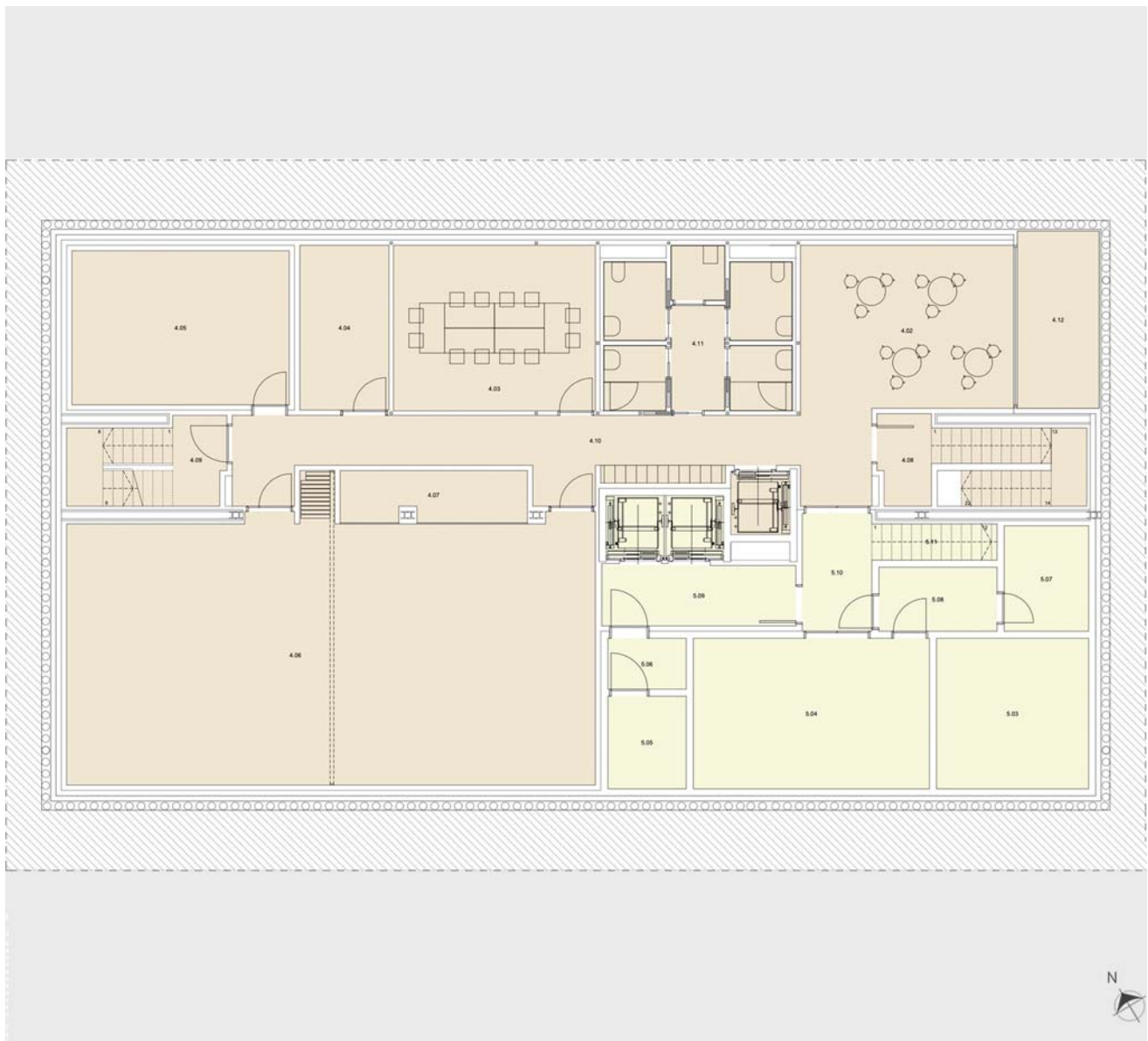
**1.380** Wood volume (m3)

**431** Potential CO2 benefit (t)

**1900** Distance of transportation (km)

Special transportation needed

Percentage of structure made of wood

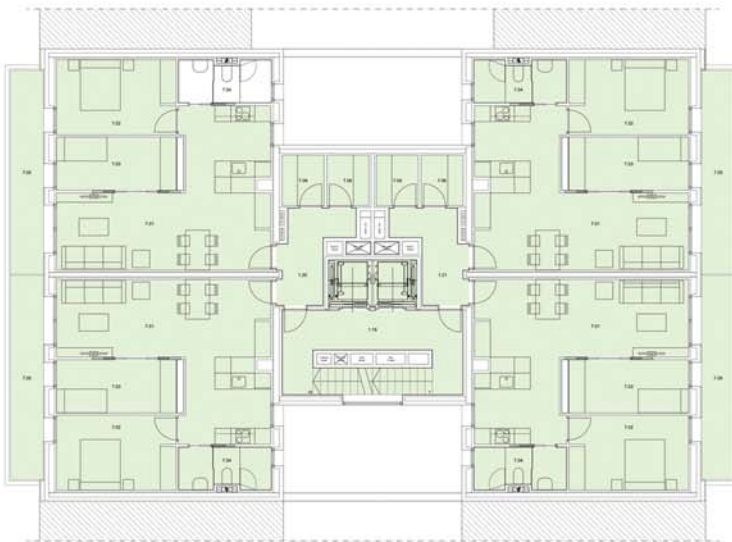


First floor plan

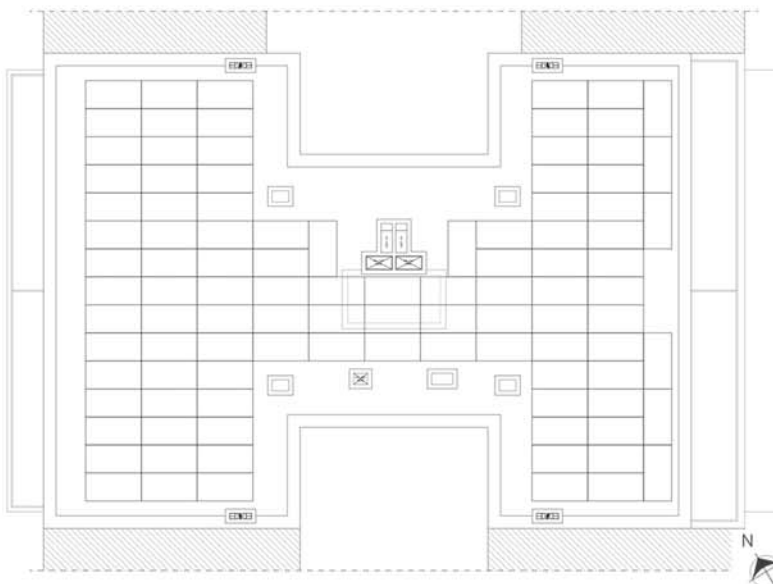
0 1 2 5m



Ground floor plan



First floor plan



Roof floor plan

0 1 2 5m

### References:

- Nasuvinsa. Online survey on 29.06.21.
- Ademan <https://n9.cl/b7b8i> [19.03.21].
- Navarra.es <https://n9.cl/bxqt2> [19.03.21].