

Torre de la Almazara: recovering an abandoned industrial site and reusing obsolete materials to create architecture

p.1.7

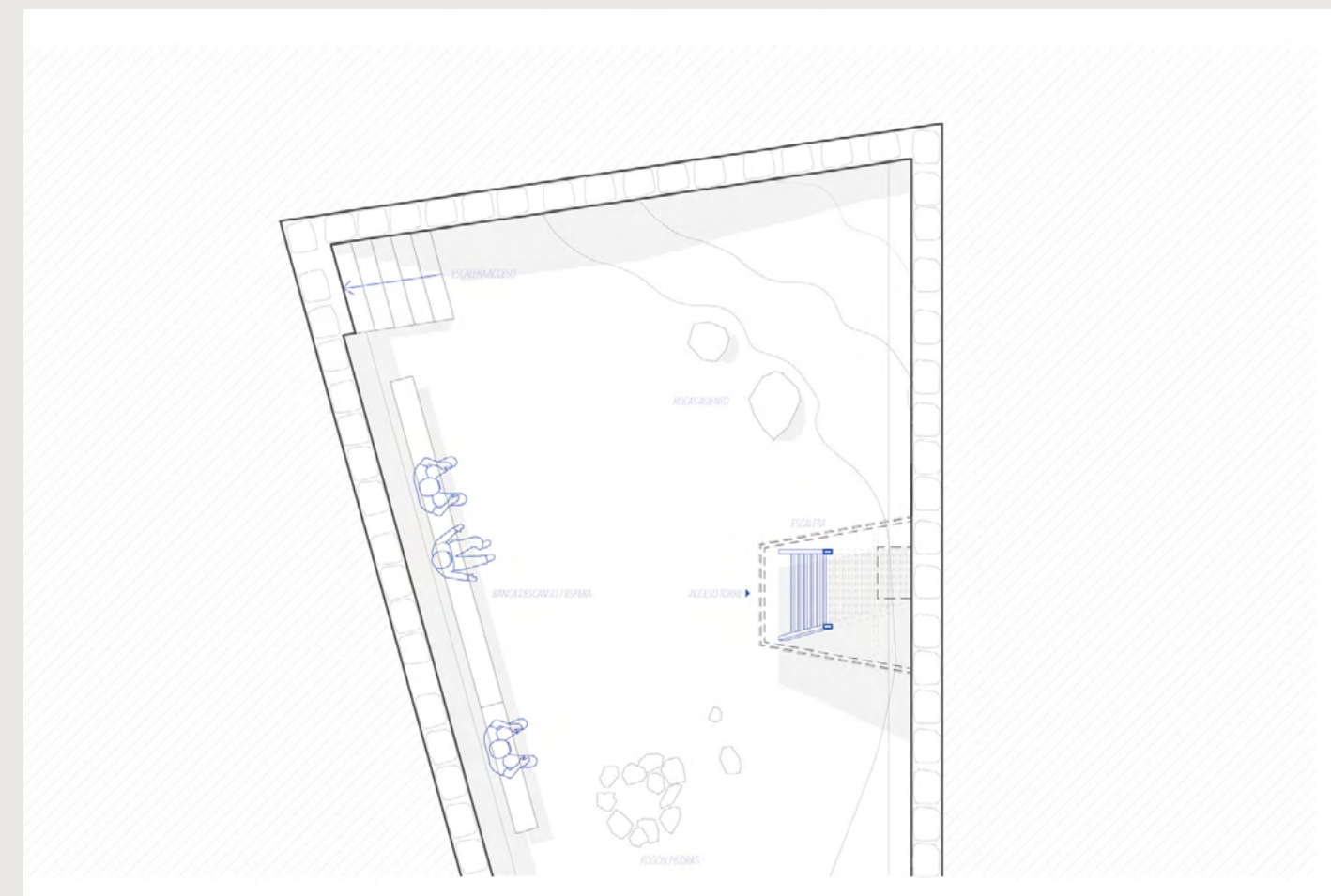
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Keywords: Constructed Intervention, Reuse of Materials, Recover, Public-Private Management, Transformation, Existing Historical Area, Nature Reserve.



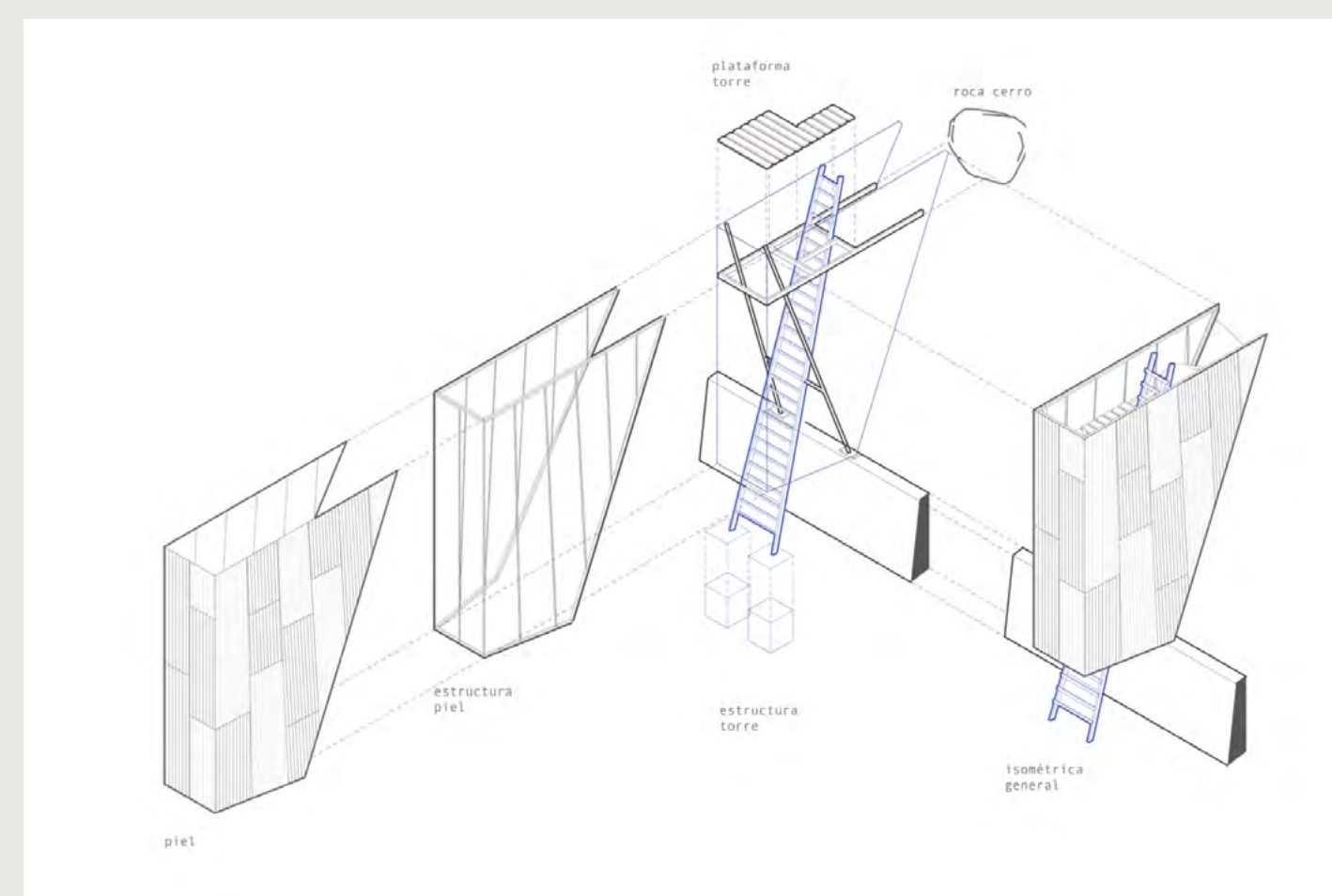
Exploration of structure, the walls appeared after removing the accumulated soil and vegetation.



-1 level floor plan



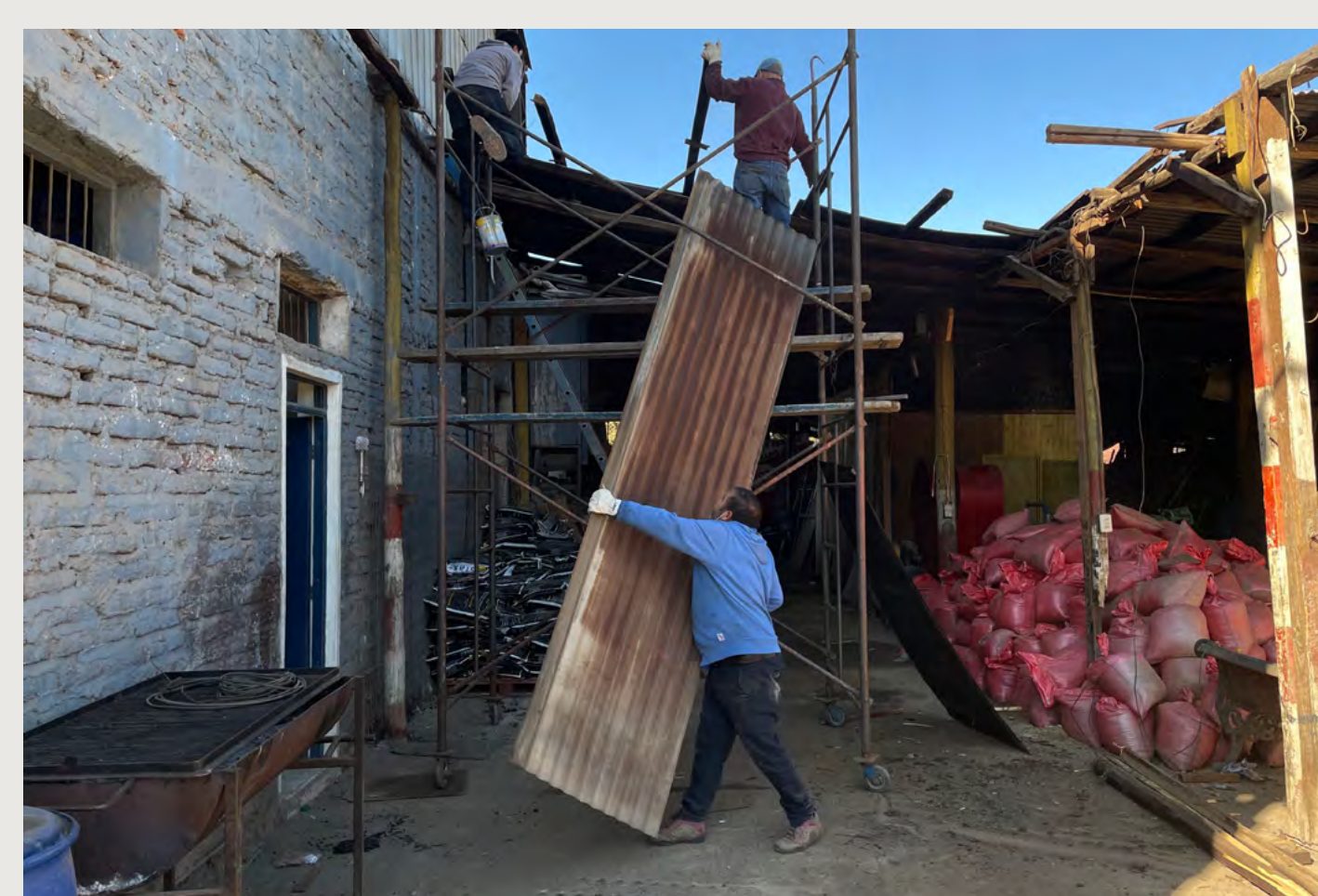
Longitudinal elevation



Exploded isometric

The Tipaume Nature Reserve in the pre mountain range of Chile, was once a place where olive trees were grown, and an industrial process was carried out by building a series of irrigation channels and a plant for obtaining olive oil. Today these structures are nothing more than vestiges. The old "Almazara" plant is being recovered by the reserve to become a museum. The project tries to be a small-scale built answer to the questions: How to build on the existing fabric and give a second life to a built infrastructure? How can I respect the history of this existence? How can I reuse materials seen as waste and thus contribute to less emissions? How can I make architecture where it doesn't exist and with what is there?

The design recovers one of the old irrigation channels on the hill, turning it into an extension of the future Almazara Museum. The architectural intervention consists of a vertical body that seems to emerge from the hill and float above the level of the vestige demarcating the space. This is anchored to the pre-existing structure. The project was built with materials that had lost their life cycle and had been dismantled from a building for renovation. A shell of reused zinc plates gives the work a layer of history that dialogues with its context. The work is structured by a staircase that invites users to descend and contain the body underground, then climb up and rediscover the central valley of Rengo, Chile.



Recollection of materials



Old oil plant, now almazara museum

