

Country /City

University / School

Academic year

Title of the project

Authors

Chile / Valparaíso
Universidad de Valparaíso
2022-2023
Sound experiments under the bridge
Felipe Villena Olea

TECHNICAL DOSSIER

Title of the project Sound experiments under the bridge
Authors Felipe Villena Olea
Title of the course Project Title
Academic year 2022-2023
Teaching Staff Marco Ávila- Mabel Santibañez.
Department / Section / Program of belonging
University / School Universidad de Valparaíso



Written statement, short description of the project in English, no more than 250 words

If this project were a movie, it could be considered a mockumentary that employs speculative design principles to imagine alien ruins in search of the sounds of the area. These ruins are situated beneath an abandoned bridge (which does not exist) that no authority wanted to take responsibility for. Within this context, the project unfolds with the aim of exalting the landscape of the area, particularly its sounds.

The project primarily comprises a large elongated structure situated in the rural town of Panquehue, Chile. This structure is positioned between the Aconcagua River and the international highway, creating a parallel line between these two elements of the landscape. The structure emerges from a mound of earth and gently slopes upward to match the height of the highway.

The devices capturing the sounds of the landscape are referred to as "sound cannons" and are positioned along the bridge, amplifying various sounds of the surroundings, such as the river flow, trees, the highway, footsteps, wind, and combinations of these elements.

For further information

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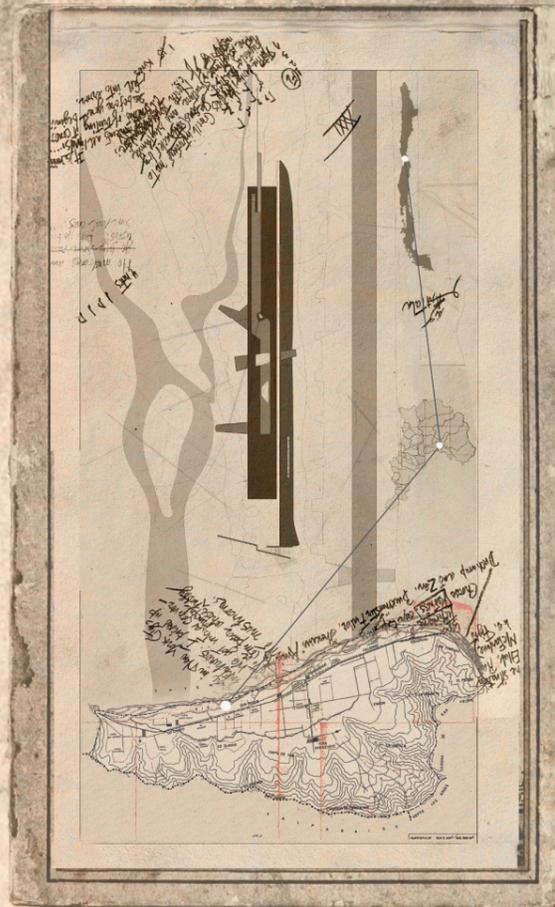
Barcelona

November 2023

SCHOOL PRIZE

HISTORY
OF A COLONIZATION
 COMMUNITY OF PANQUEHUE,
FELIPE EDUARDO
VILLENA OLEA.

IN COLABORATION WITH THE
 UNIVERSITY OF VALPARAISO
 MARCO AVILA MABEL SANTIBAÑEZ



In the transverse valleys of the territory called Chile, there is a locality named Panquehue (coordinates Latitude: -32.79364 | Longitude: -70.887797). It has a temperate climate characterized by the presence of trees, shrubs, and bushes, among which a great variety of species. As for the observed geography, the limits of this area are clearly defined by the natural elements of the landscape.

Towards the northeast the land follows the line of a river, called Rio Aconcagua by the natives, while a chain of hills extends towards the southeast. On the eastern side, the boundary is established along the river, between the bridges that connect the railway and the road leading to San Felipe. The land is delimited by the line of the valley, and consequently narrows at both ends. This has meant its enduring presence over time, avoiding growth or changes in its composition.

Is in this terrain that the first interactions unfolded between the race of Sinfonoids, also known as Oltanos, and the Government of the Sovereign Republic of Chile, although the specifics of the mentioned contact have been lost or hidden over time. We do know, though, thanks to the meticulous collection and archiving work by the Sinfonoids, what they were seeking and how it was found in the community of Panquehue.

This work is part of an exhaustive compilation carried out by academics from the prestigious University of Valparaiso and the Illustrious Municipality of Panquehue, with the aim of recovering part of the history of this community that was thought to be lost forever.

Short Film



CROSS SECTION A-A'

CROSS SECTION B-B'

CROSS SECTION C-C'

CROSS SECTION D-D'

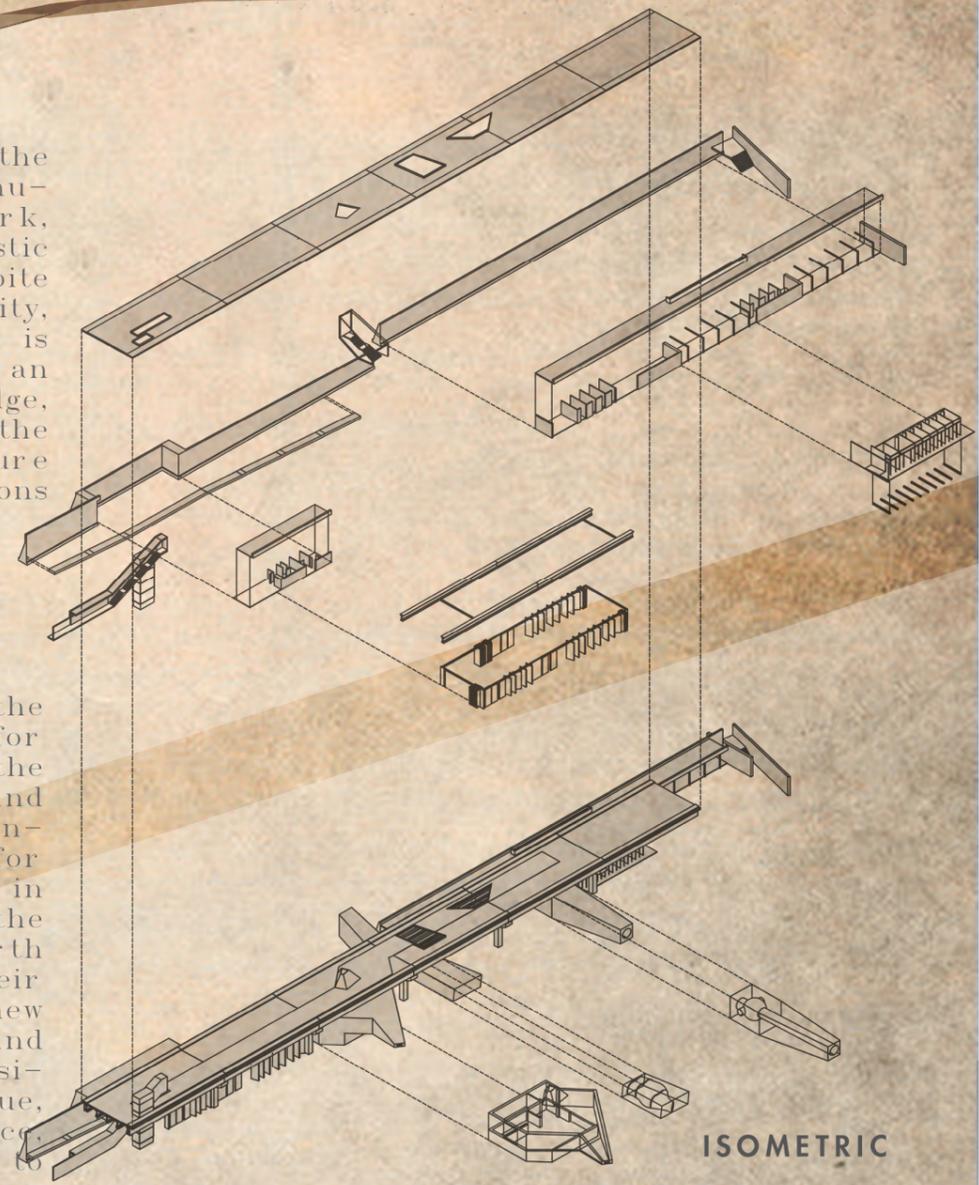
CROSS SECTION E-E'

FLOOR PLAN 1

FLOOR PLAN 2

A highlight of the project is the monumentality of the work, created by majestic creatures, but despite this monumentality, all this great work is hidden under an abandoned bridge, even occupying the bridge as a structure for its sound cannons

In addition to the cannons, intended for sound research, the Sinofoids were kind enough to design enclosures intended for human use, so that in the future, when the sounds of the earth are useless and their race explores new planets, humanity, and specifically the residents of Panquehue, can occupy this space, allocating the use to what they deem appropriate.



ISOMETRIC

LONGITUDINAL SECTION F-F'