

PRÉ-FABRICAÇÃO E CONSTRUÇÃO MODULAR APLICADOS À HABITAÇÃO

Samuel Gonçalves

Arquiteto / SUMMARY

SUMMARY

2.000.000.000

CASAS ATÉ AO FINAL DO SÉCULO
[UN]

SUMMARY

2.000.000.000

**CASAS ATÉ AO FINAL DO SÉCULO
[UN]**

72%

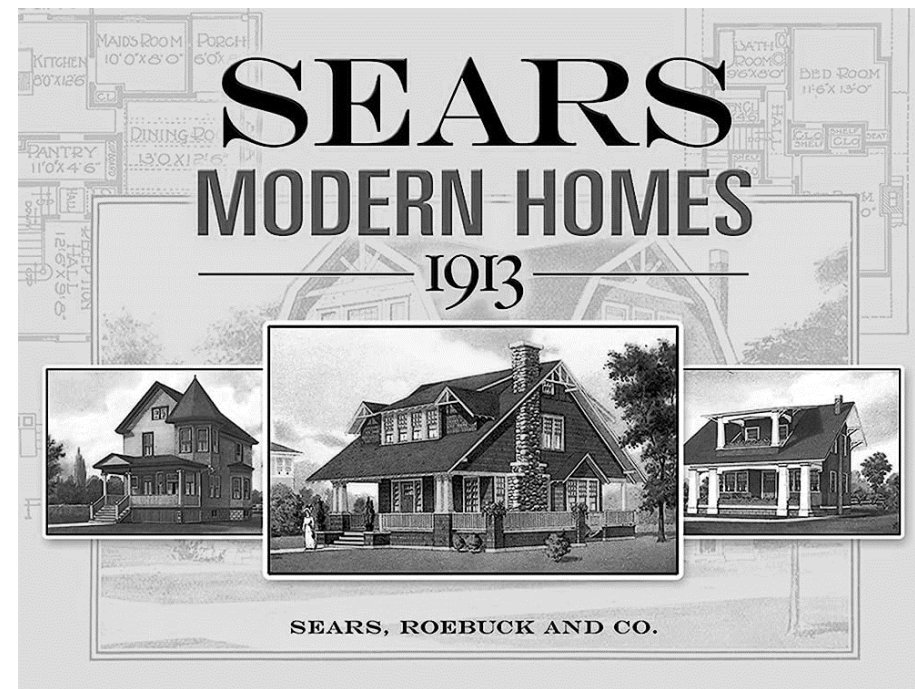
**DOS CONSTRUTORES ASSUMEM
A ESCASSEZ DE MÃO-DE-OBRA
COMO O MAIOR OBSTÁCULO
[AGCA]**

SUMMARY

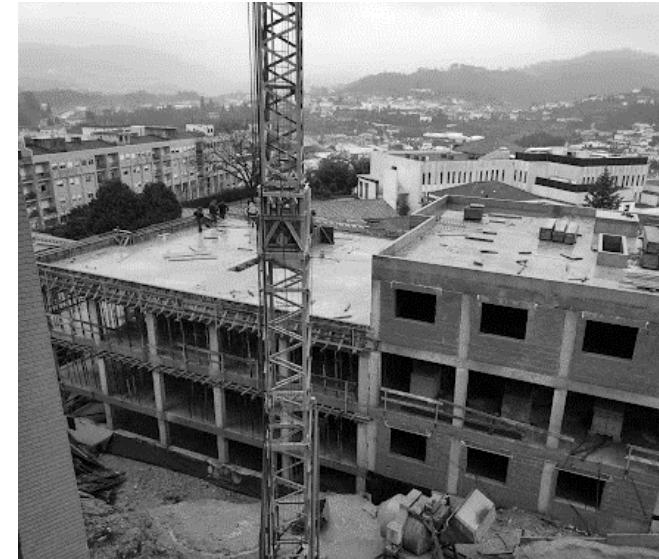
OTIMIZAÇÃO DE TEMPO, DE PROCESSOS, E DE RECURSOS FÍSICOS

SUMMARY

1908 1908 **1913** 1914 1917



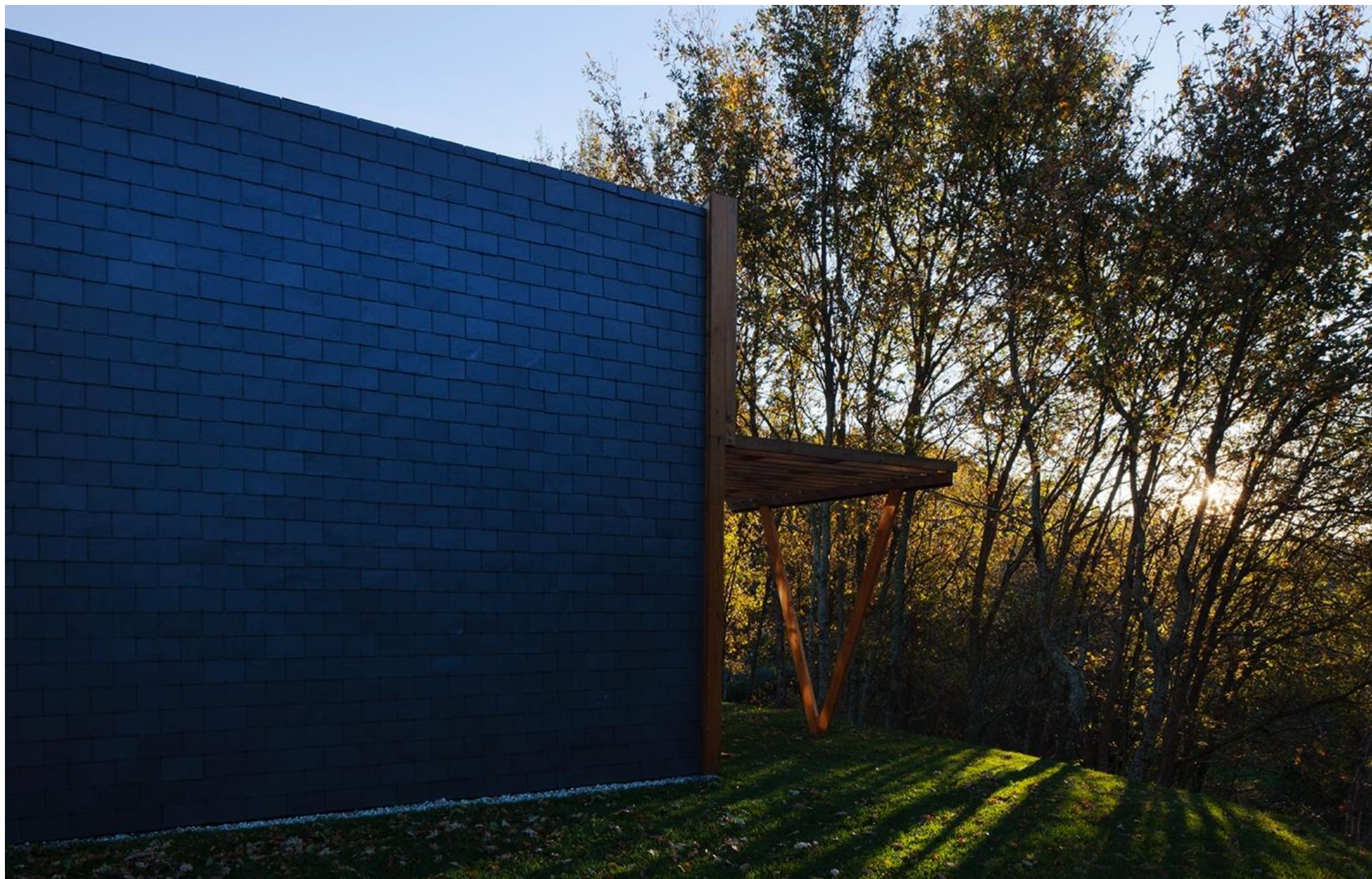
SUMMARY



SUMMARY







SUMMARY



SUMMARY



“This project shows how the most readily-available solutions are often so commonplace as to be practically invisible.” Jonathon Keats, FORBES magazine



SUMMARY

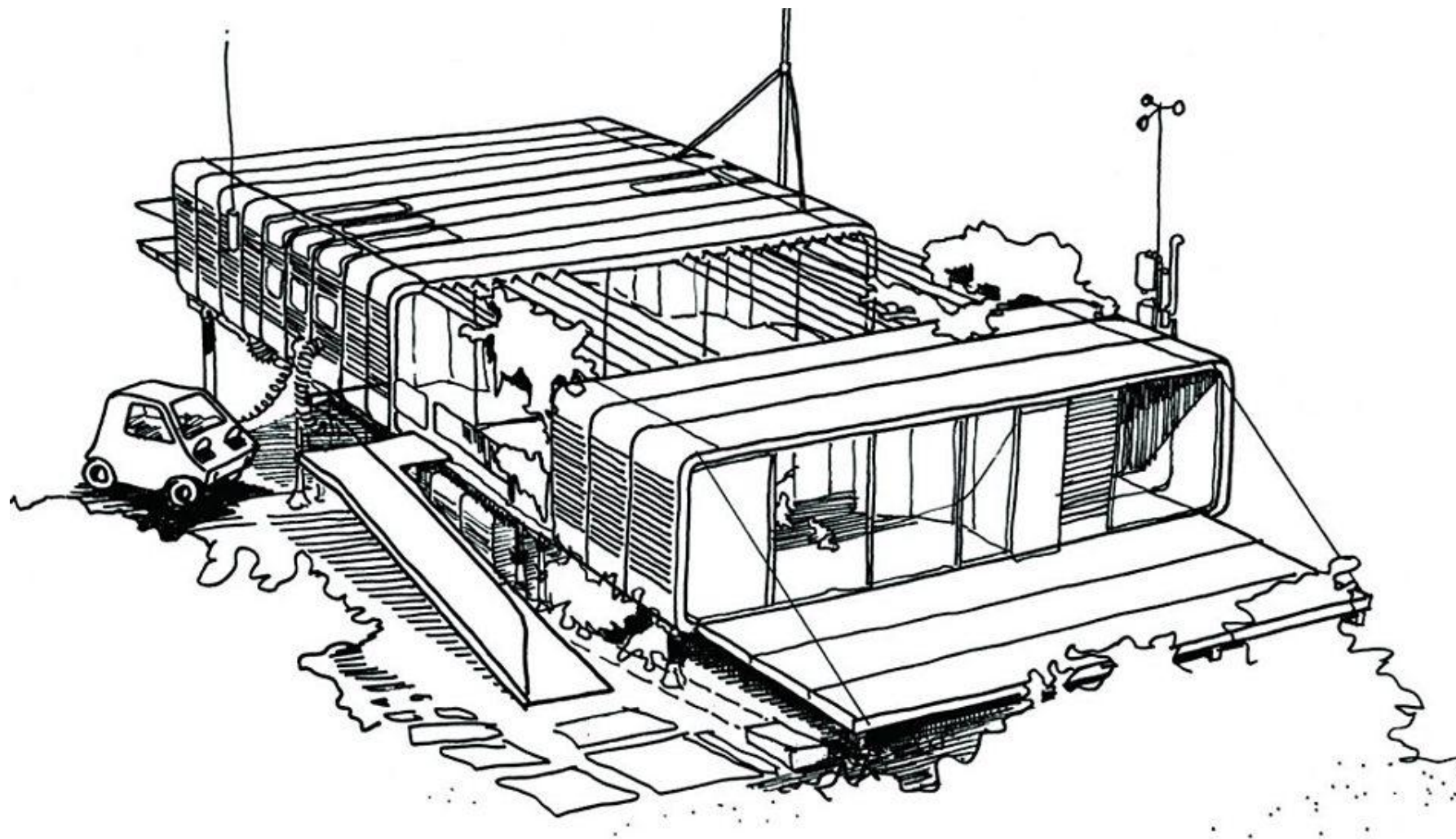


AIROH HOUSE . 1947



GOMOS#1 . 2015

SUMMARY



ZIP-UP House . 1969

SUMMARY



SUMMARY

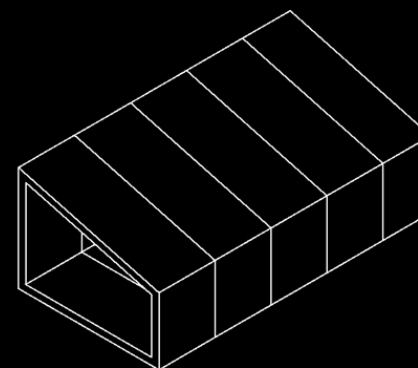
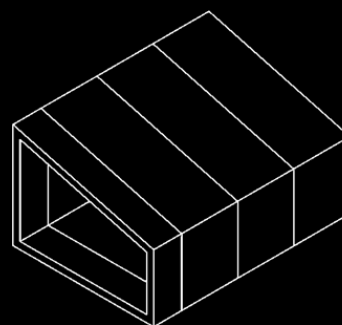
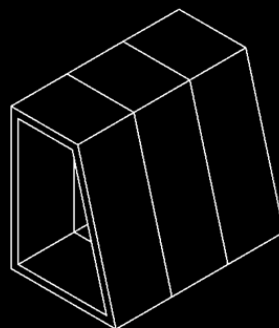
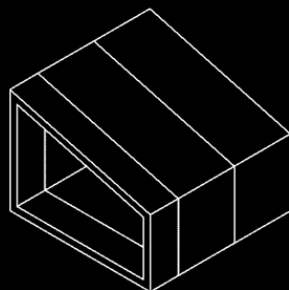
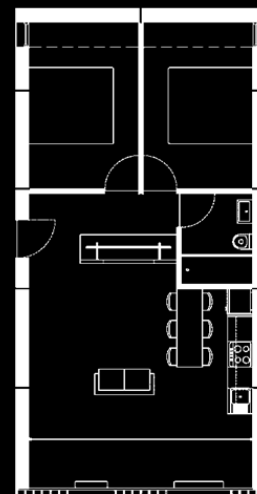
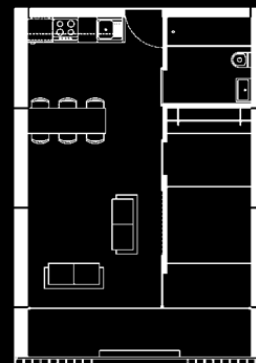
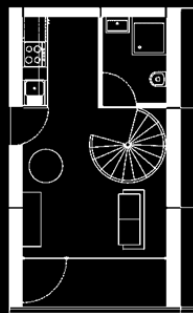
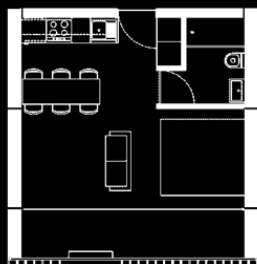




SUMMARY





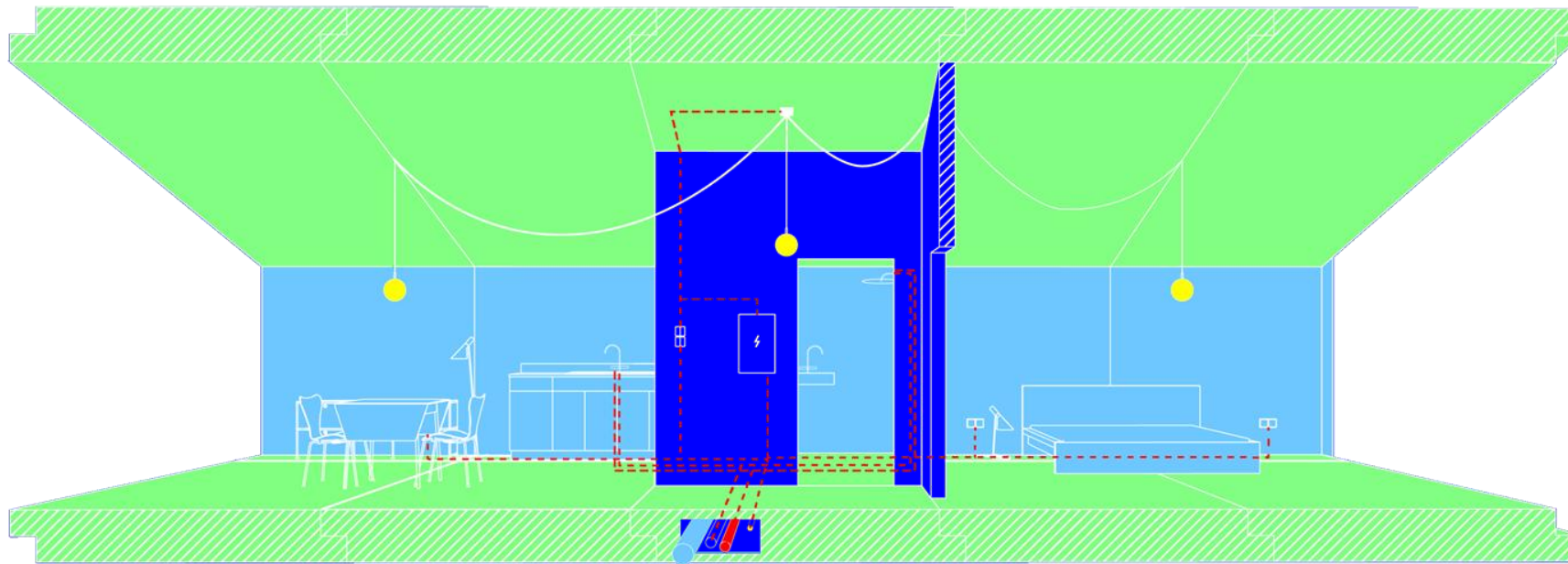




SUMMARY

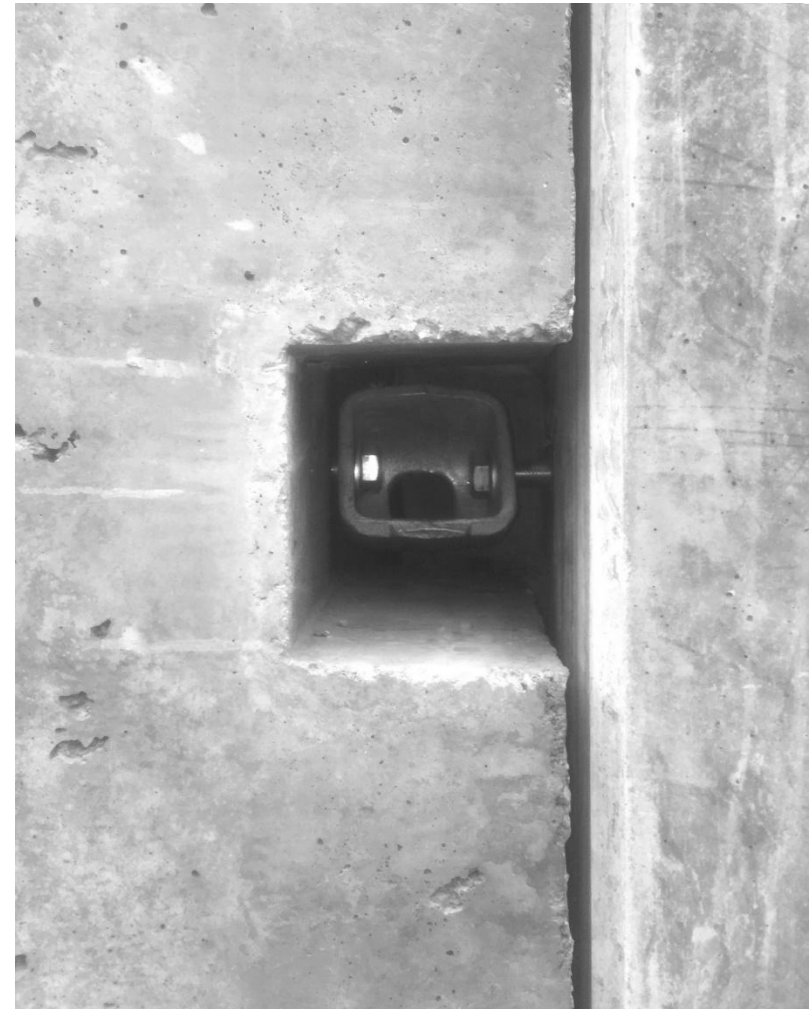


SUMMARY

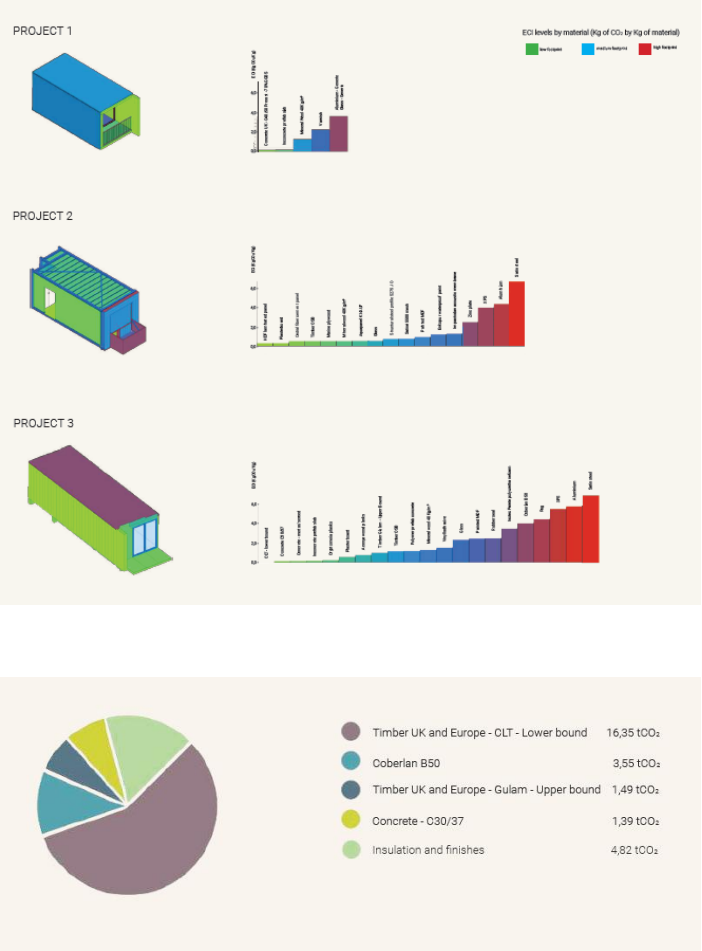




SUMMARY

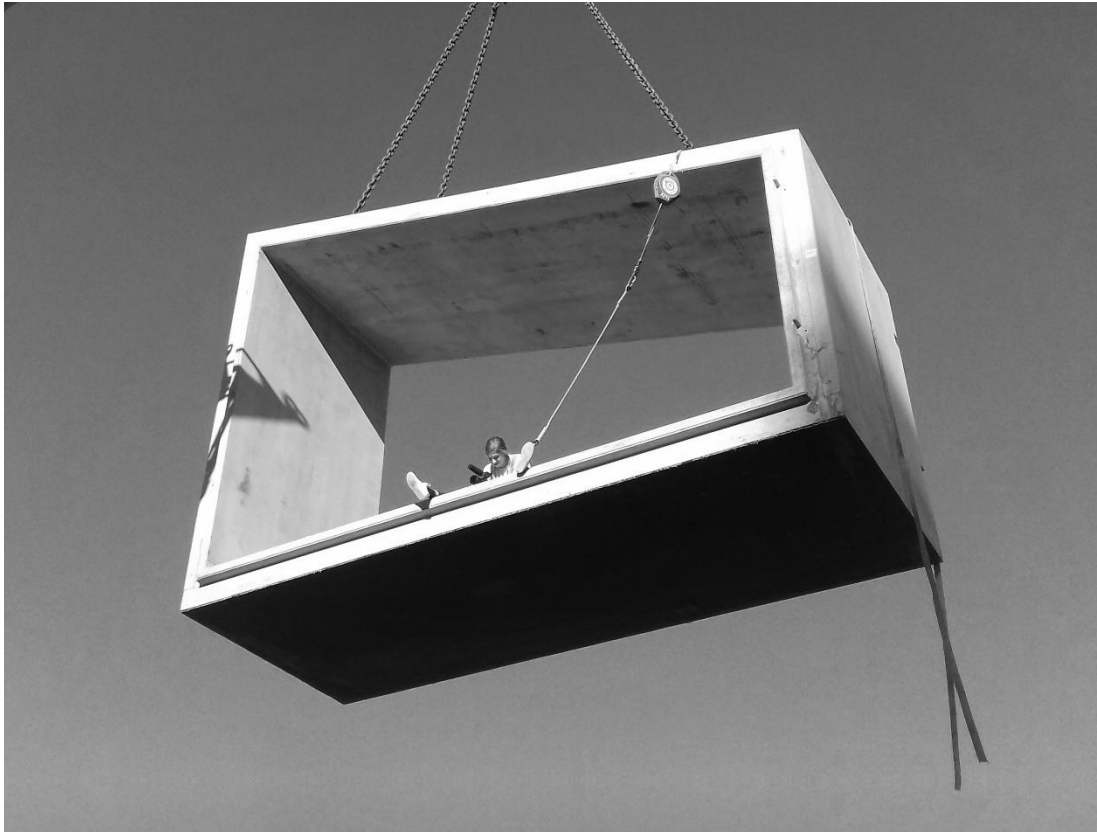


SUMMARY



SUMMARY

VITRUVIO 9 | 1 (2024)
International Journal of Architecture
Technology and Sustainability



Design for disassembly and cultural sites.
The use of modular architecture and
prefabrication in exhibition venues

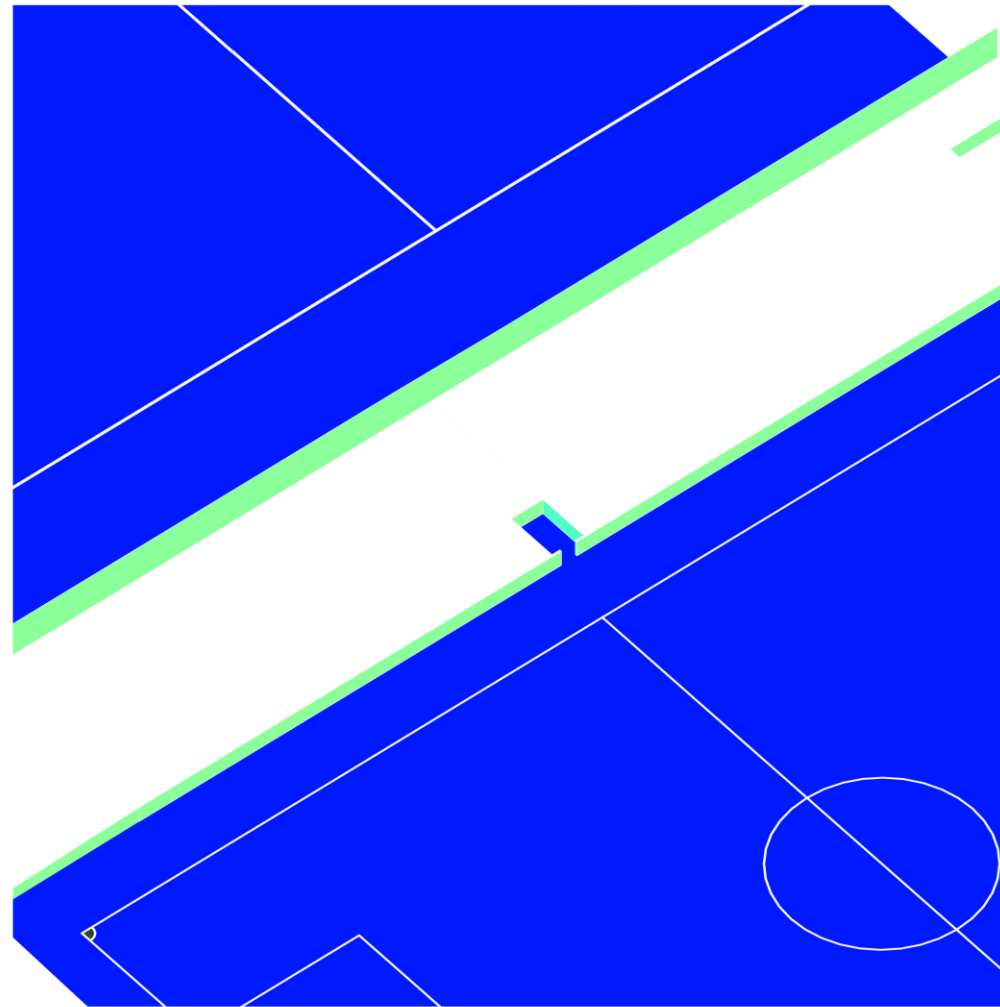
Giuseppe Resta^{1*}, Samuel Gonçalves²

¹Faculdade de Arquitectura, Universidade do Porto, Portugal.

²SUMMARY Architecture; Faculdade de Arquitectura, Universidade do Porto; Department of Architecture, TUDelft., Portugal.

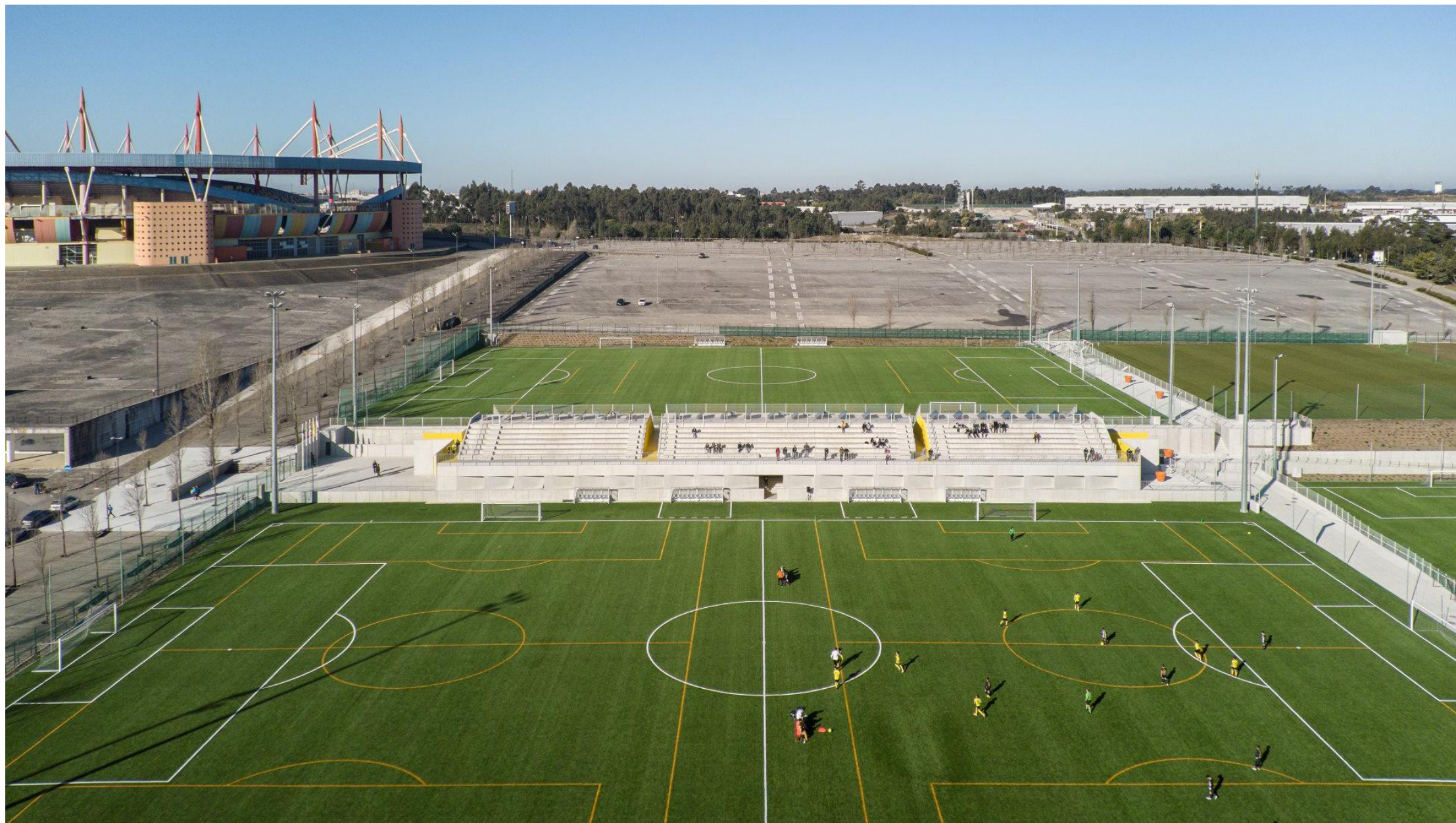
*Email: giusepperesta.arch@gmail.com

SUMMARY

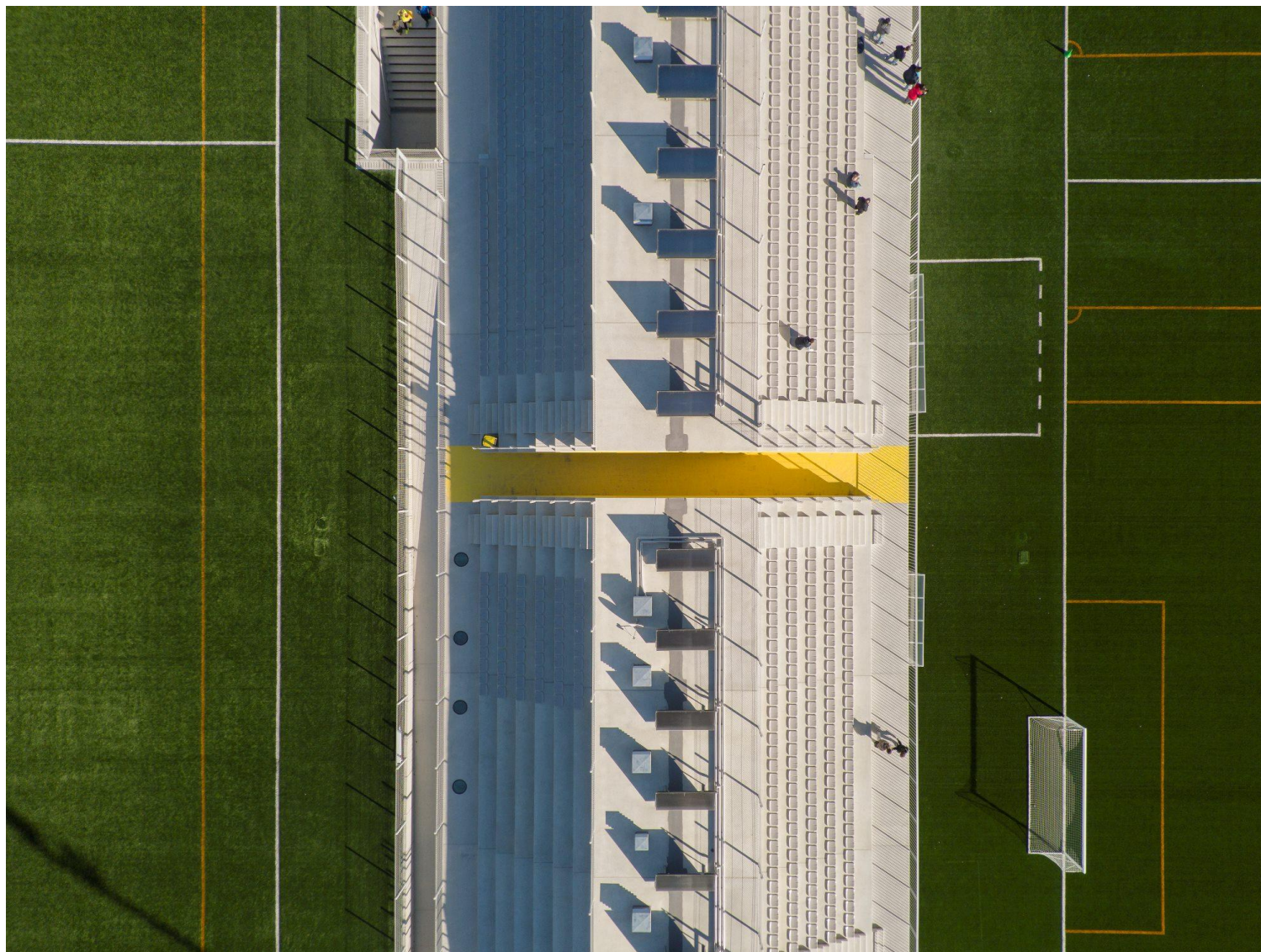


SUMMARY





SUMMARY



SUMMARY

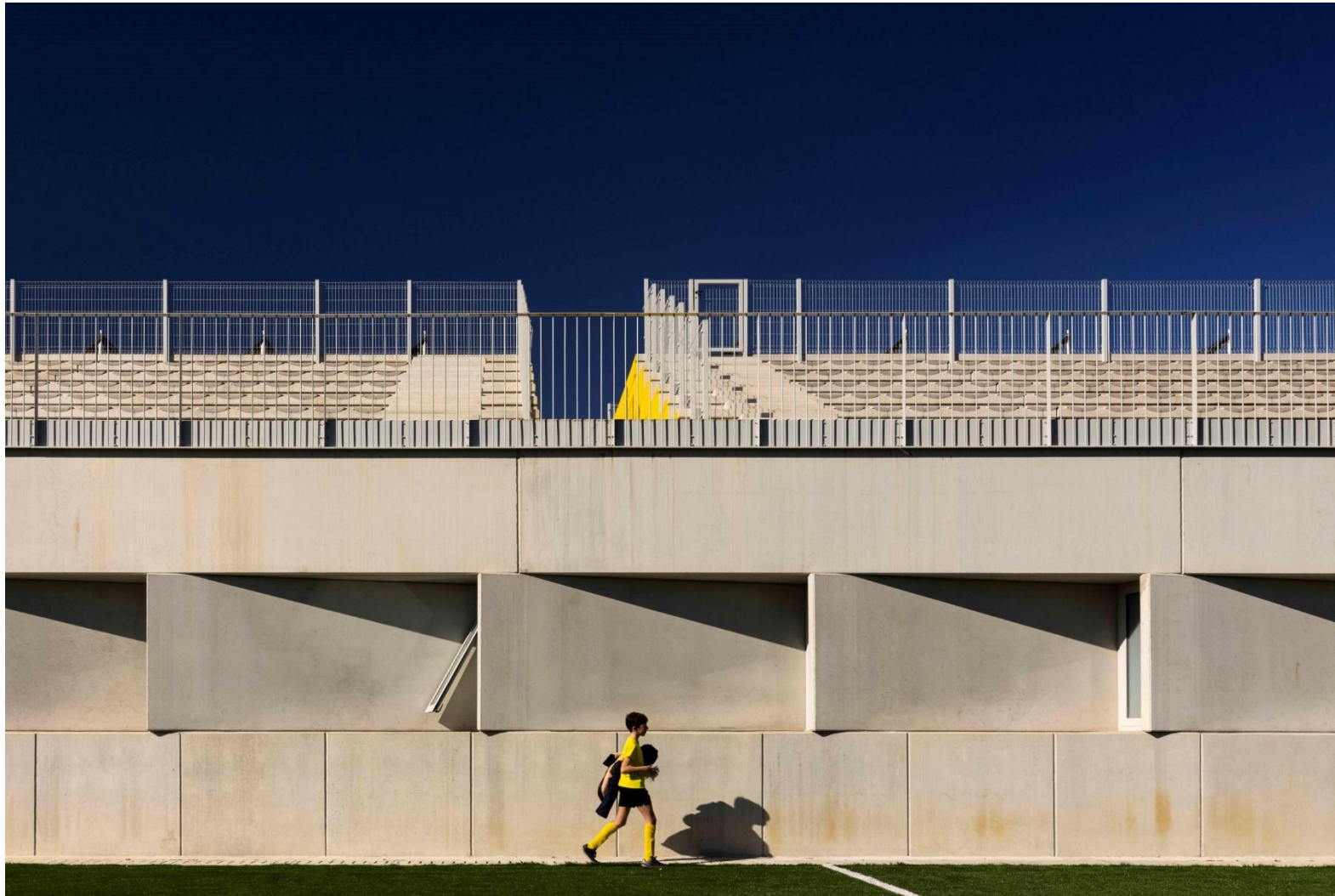




SUMMARY



SUMMARY





St. Andrews (James Stirling)



Aveiro



James Stirling

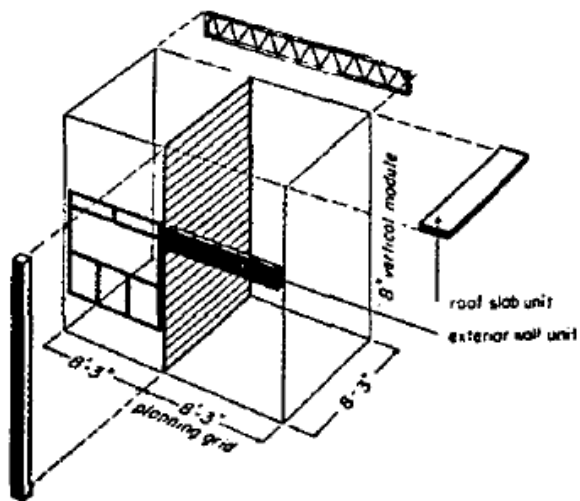
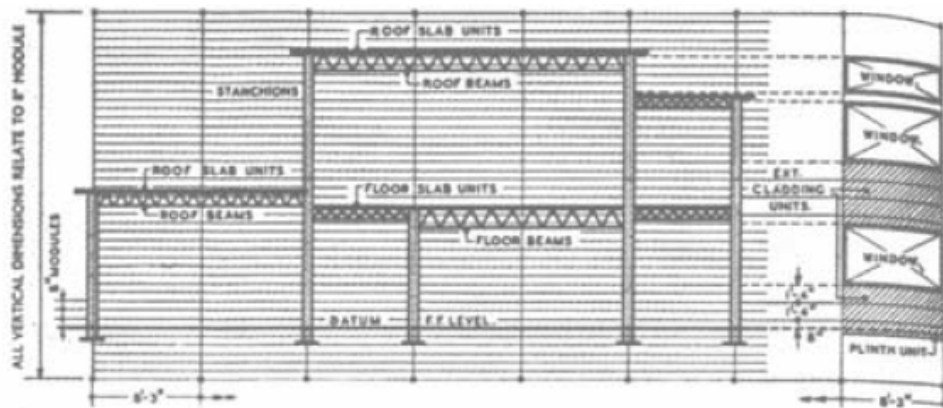
“(...) labour and materials were unavailable in this part of Scotland, and the repetitive elements of the building were therefore prefabricated in Edinburgh”



Smithsons



Ed. Souto Moura



Modular cage of standard units (left) forms all Hertfordshire's new schools. Diagram above shows use of built-up columns, light steel beams in one of many possible variations. For long spans, deeper beams in multiples of the 8'-3" module are used. Precast concrete panels and windows form walls.

Hills System



Smithsons

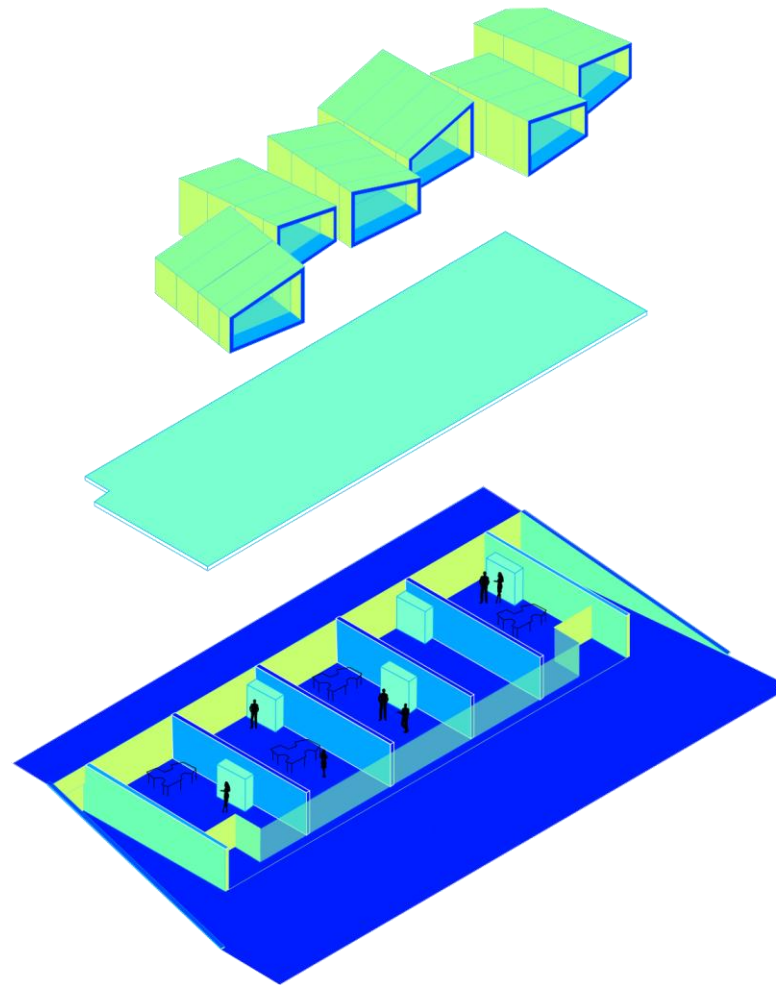
SUMMARY



SUMMARY



SUMMARY

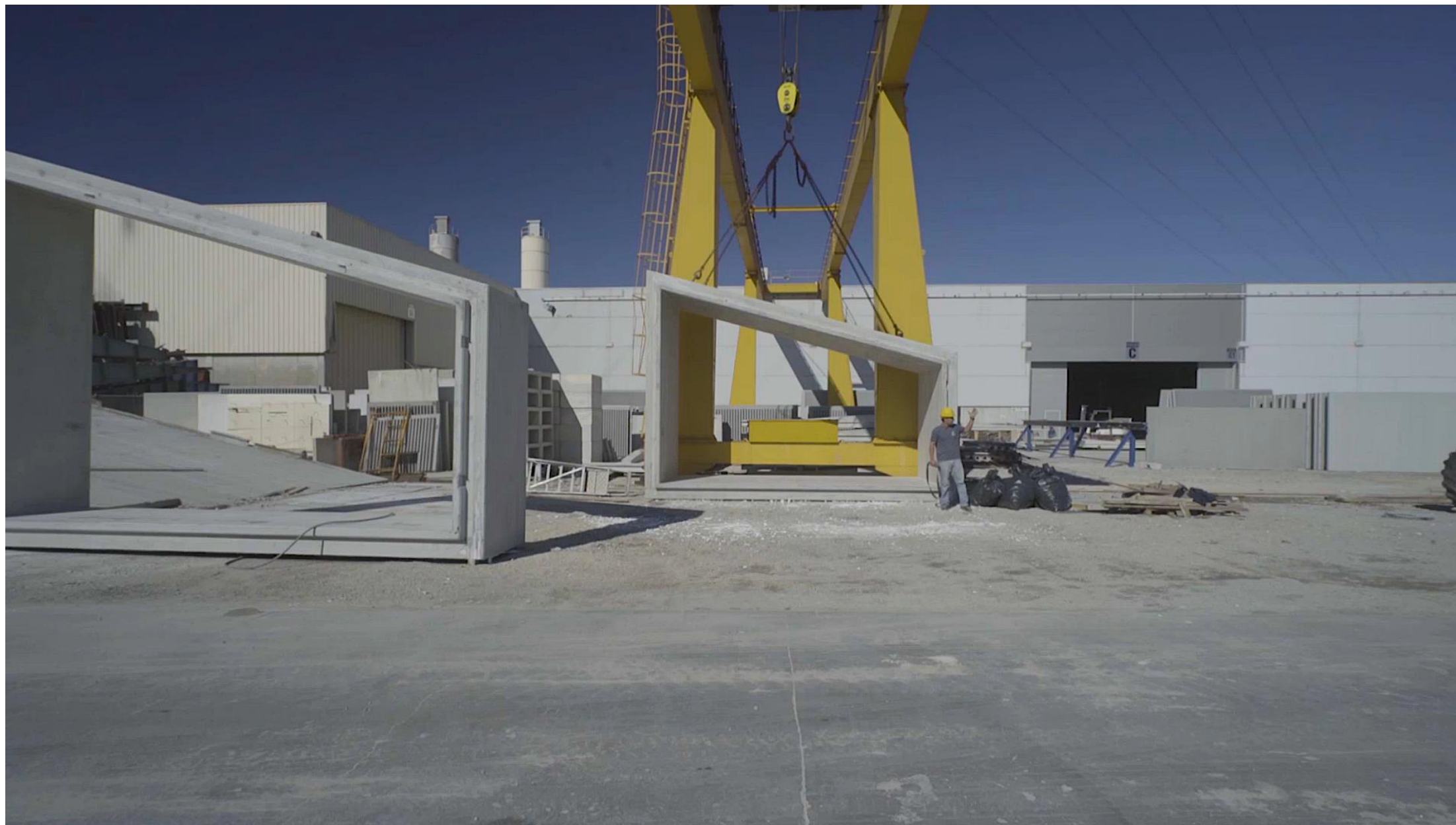


SUMMARY



SUMMARY







SUMMARY



SUMMARY



SUMMARY

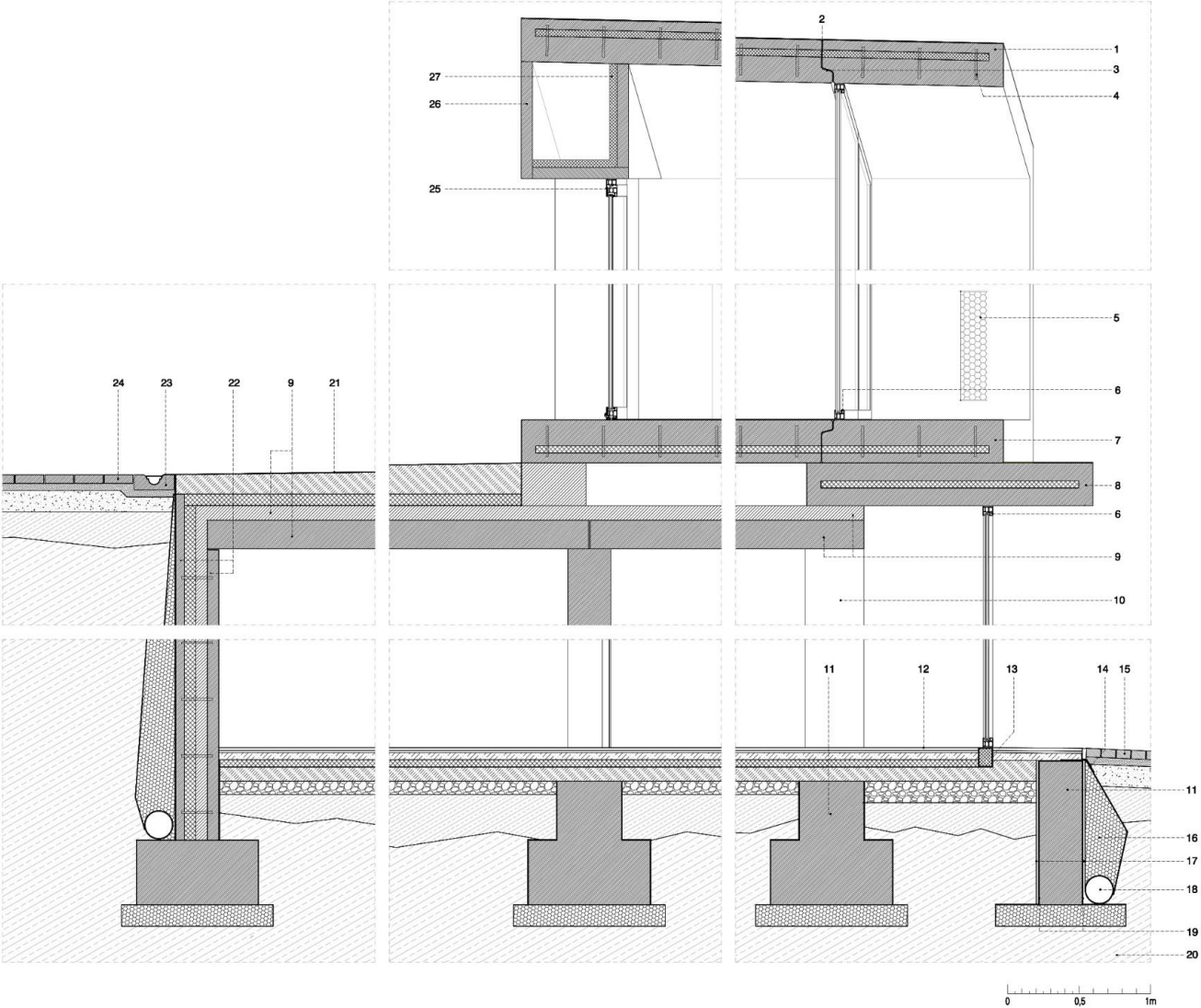


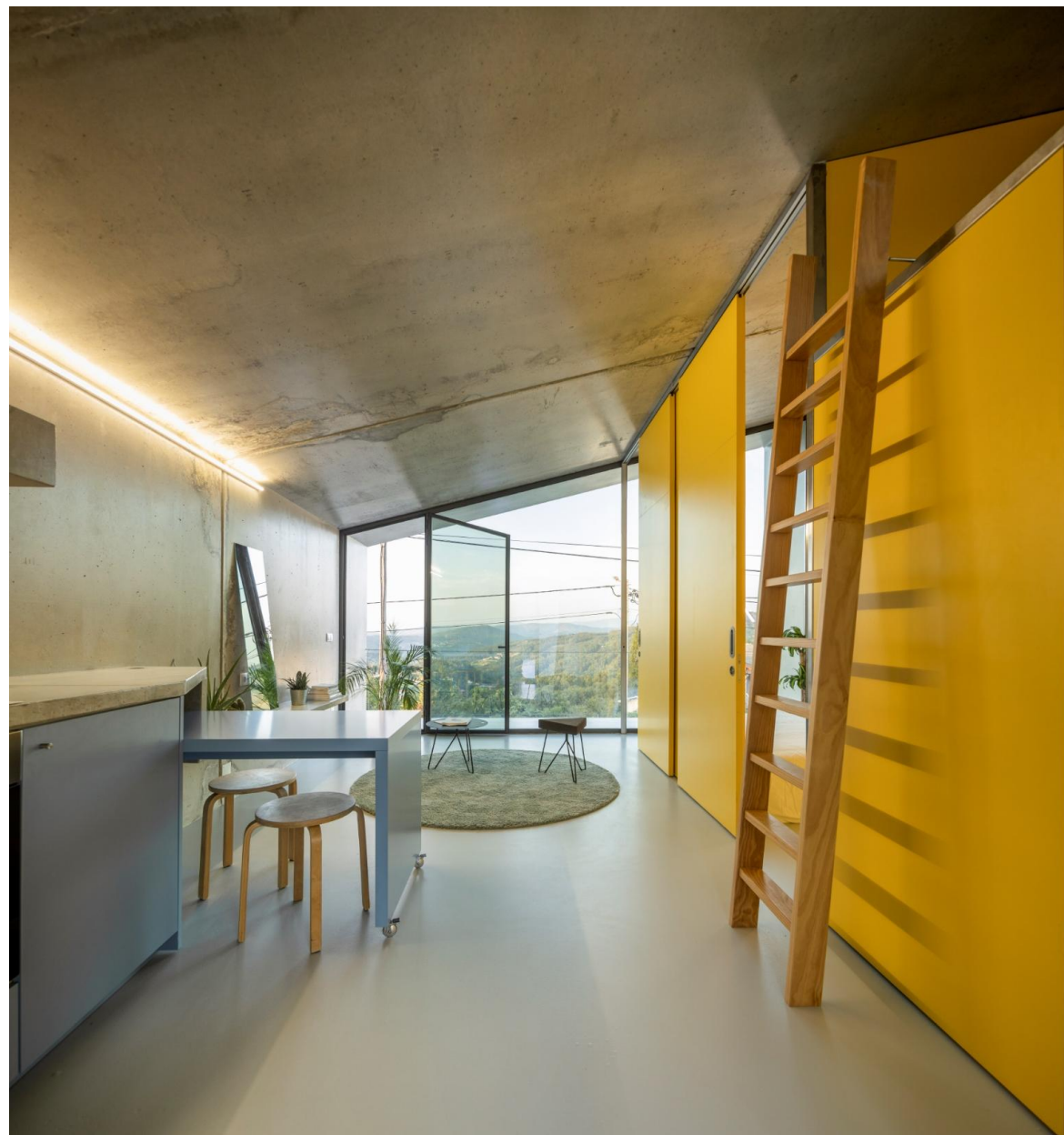
SUMMARY





SUMMARY





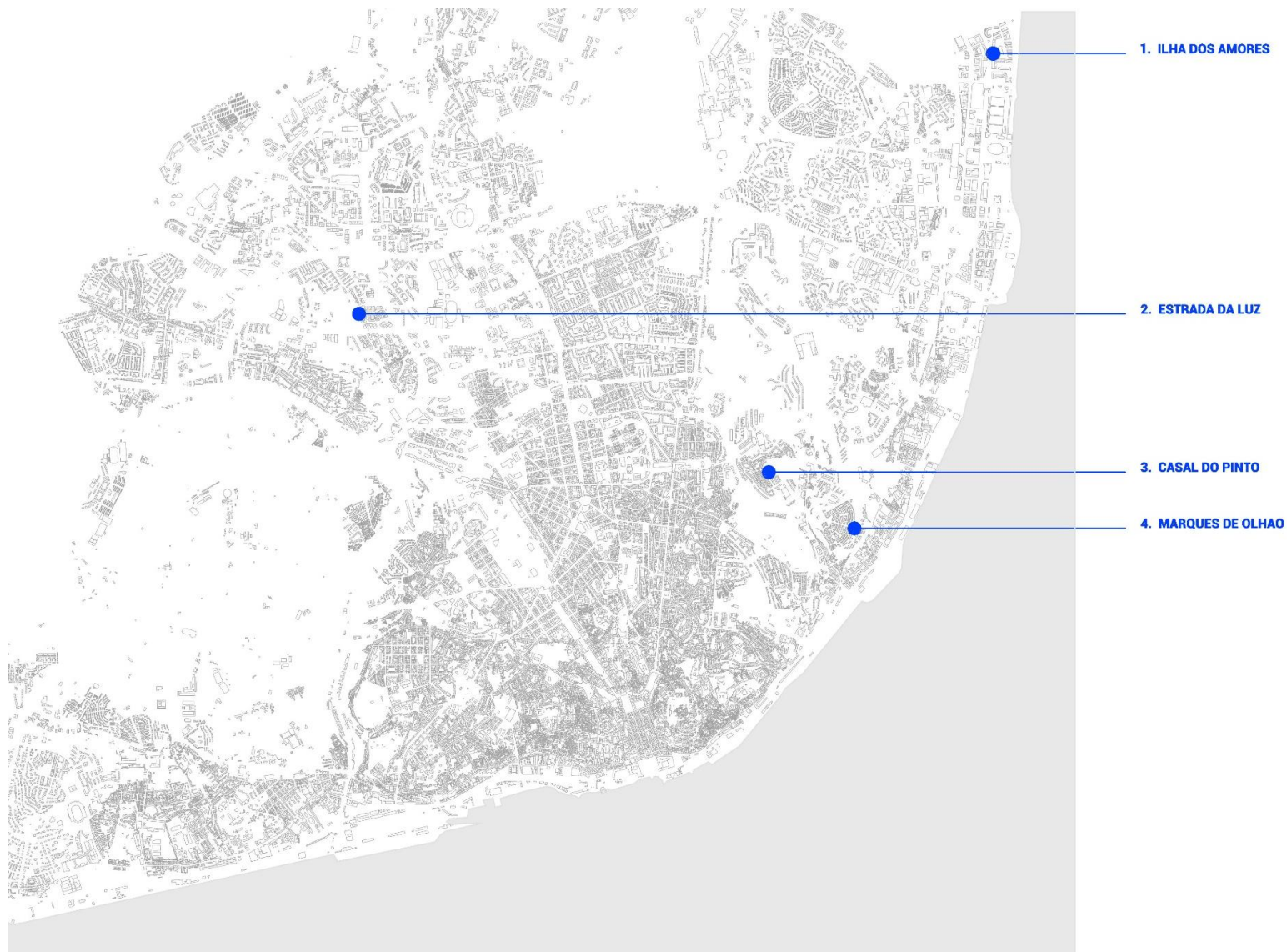
SUMMARY



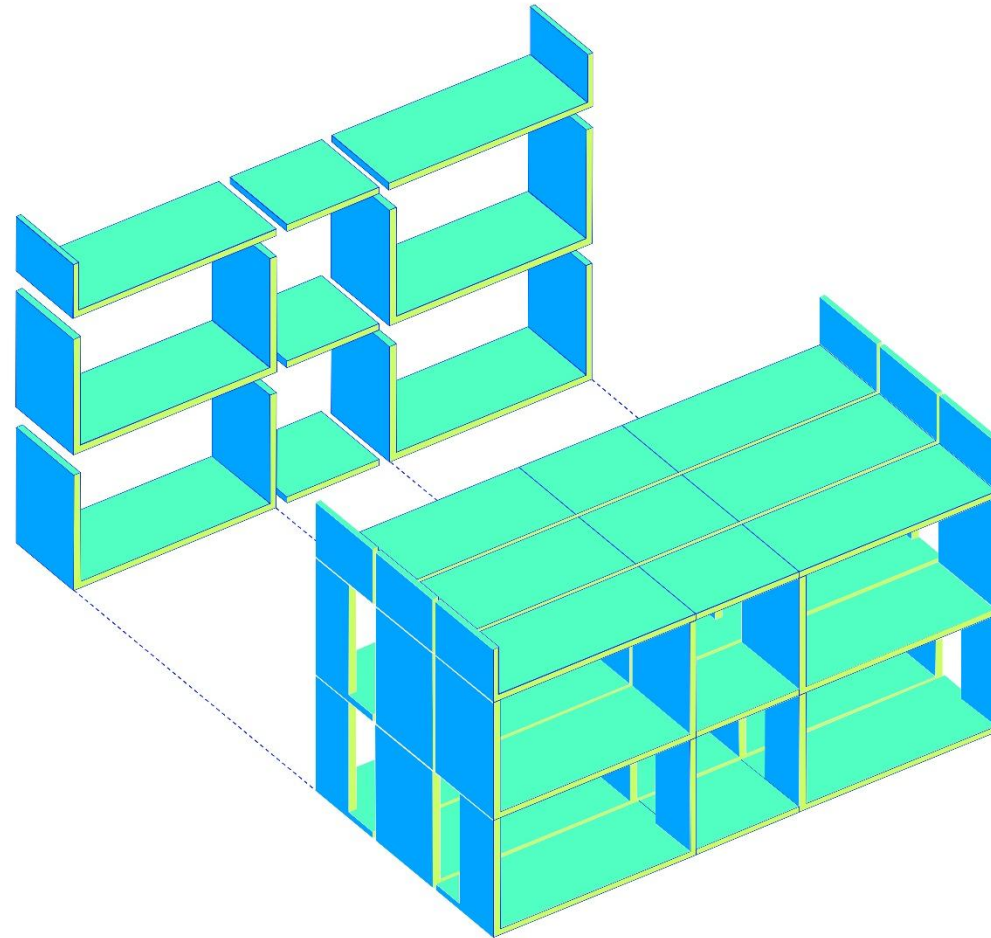
SUMMARY

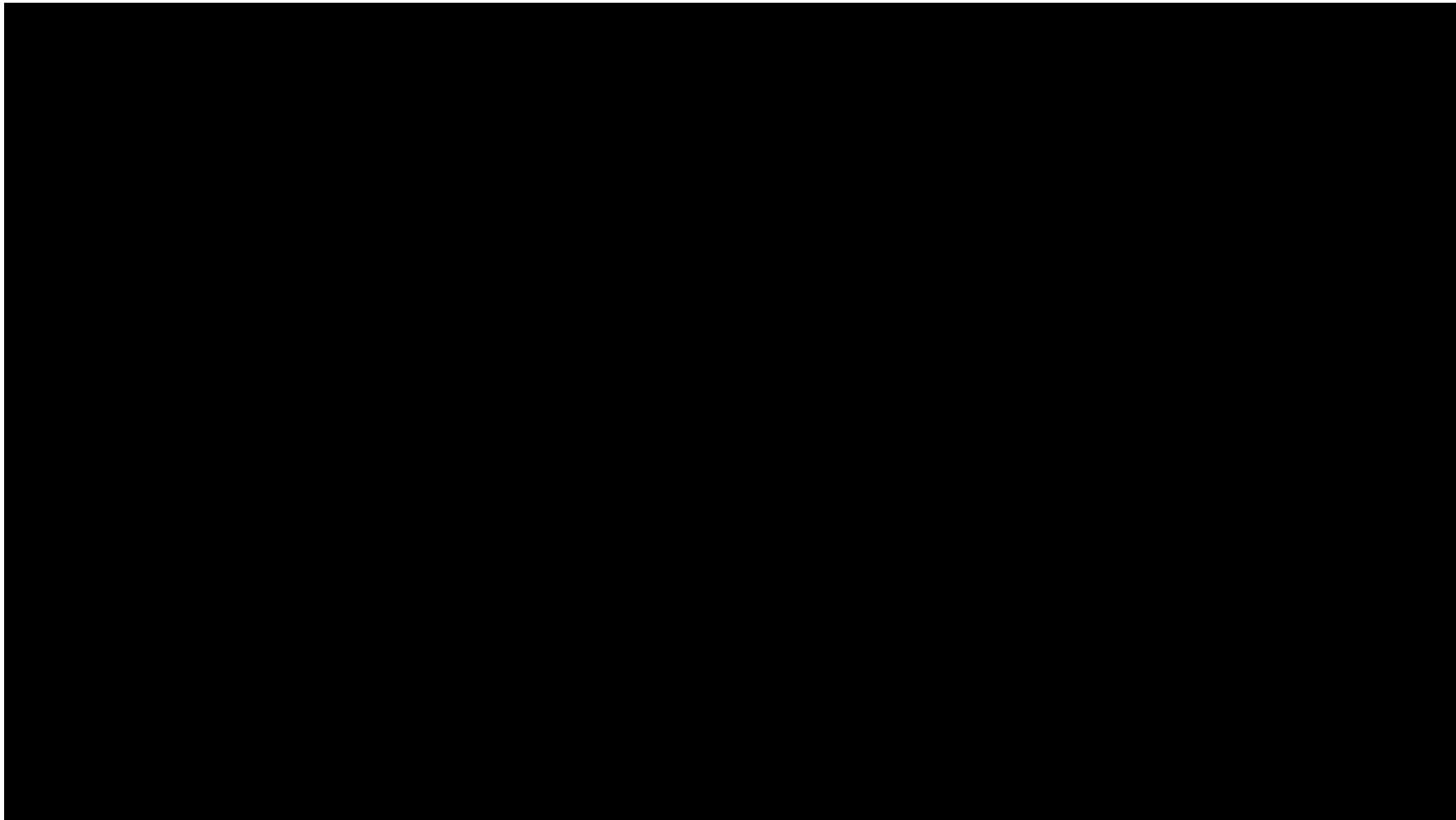


SUMMARY



SUMMARY





© Building Pictures

SUMMARY



SUMMARY



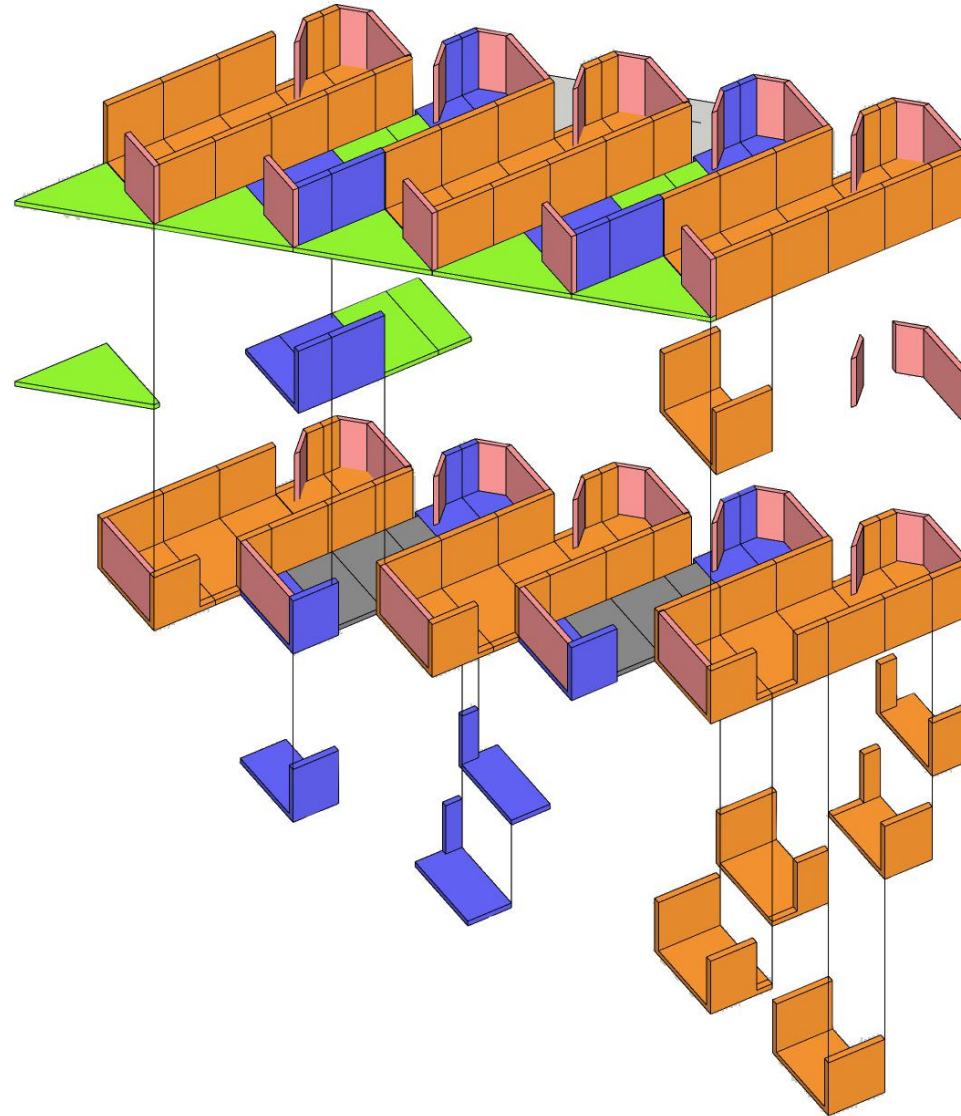
SUMMARY



POR EXEMPLO . CASA DA ARQUITECTURA

MÉTODO . MODO . FORMA

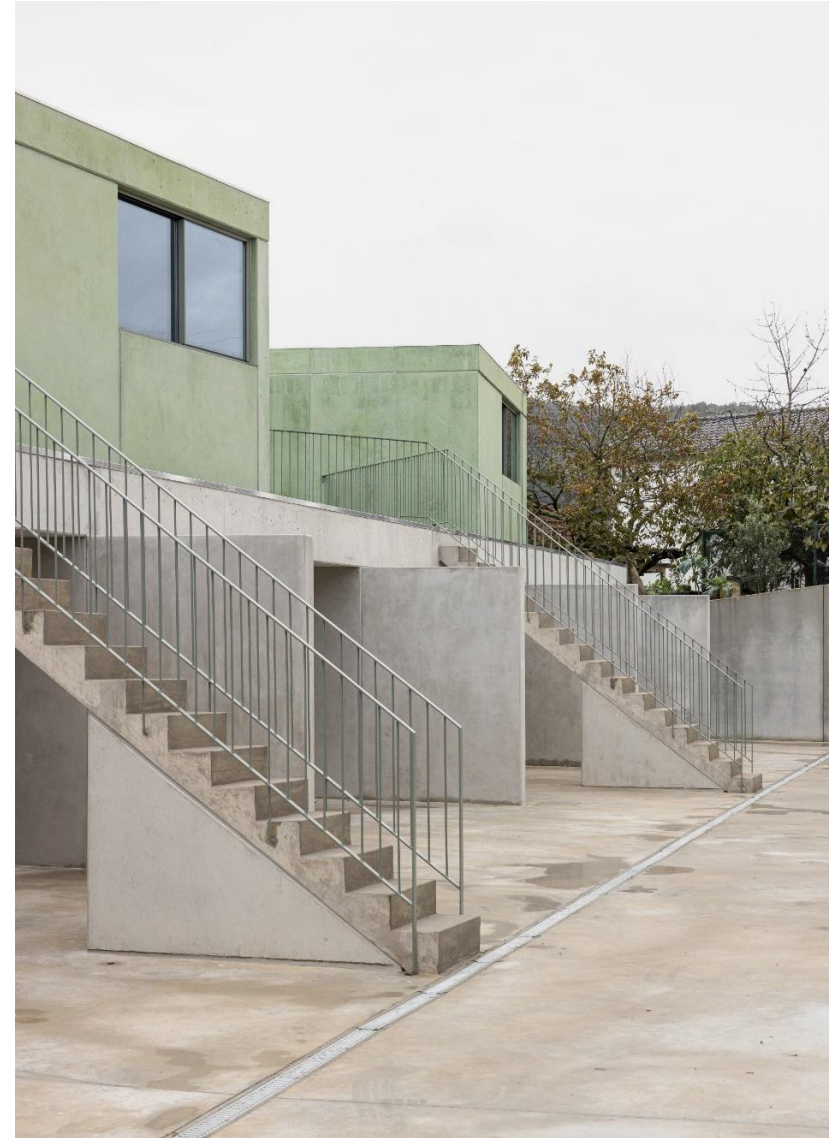
SUMMARY



SUMMARY



SUMMARY



SUMMARY



SUMMARY



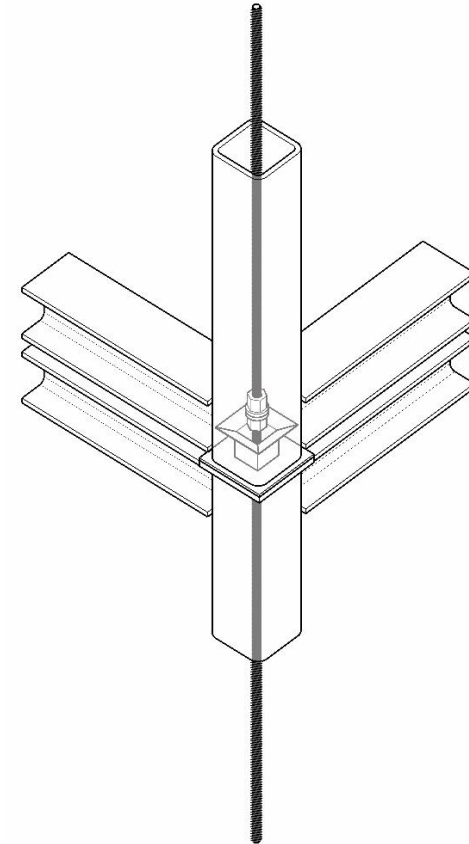
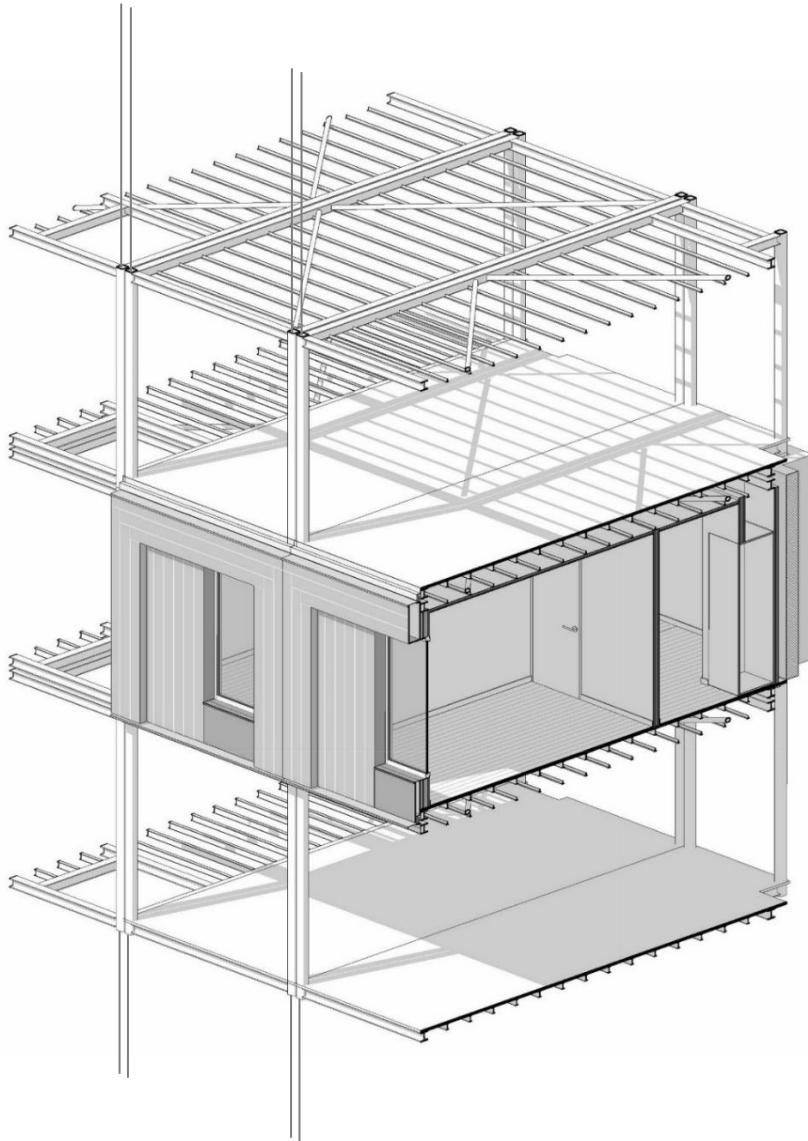
SUMMARY



SUMMARY



SUMMARY



Cobertura variável

PISO DE ARRANQUE

PISOS INTERMEDIOS

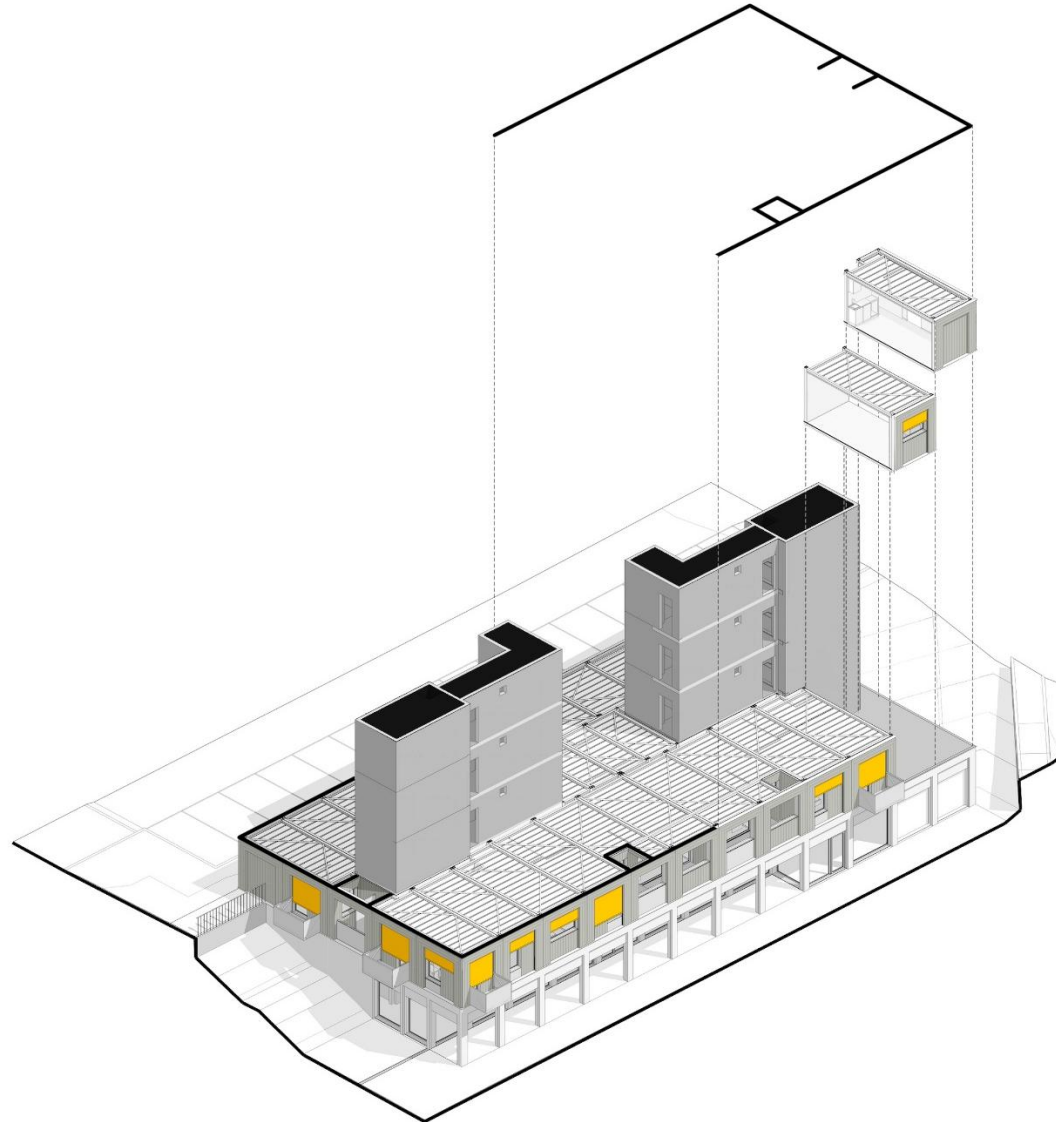
PISO DE CHEGADA

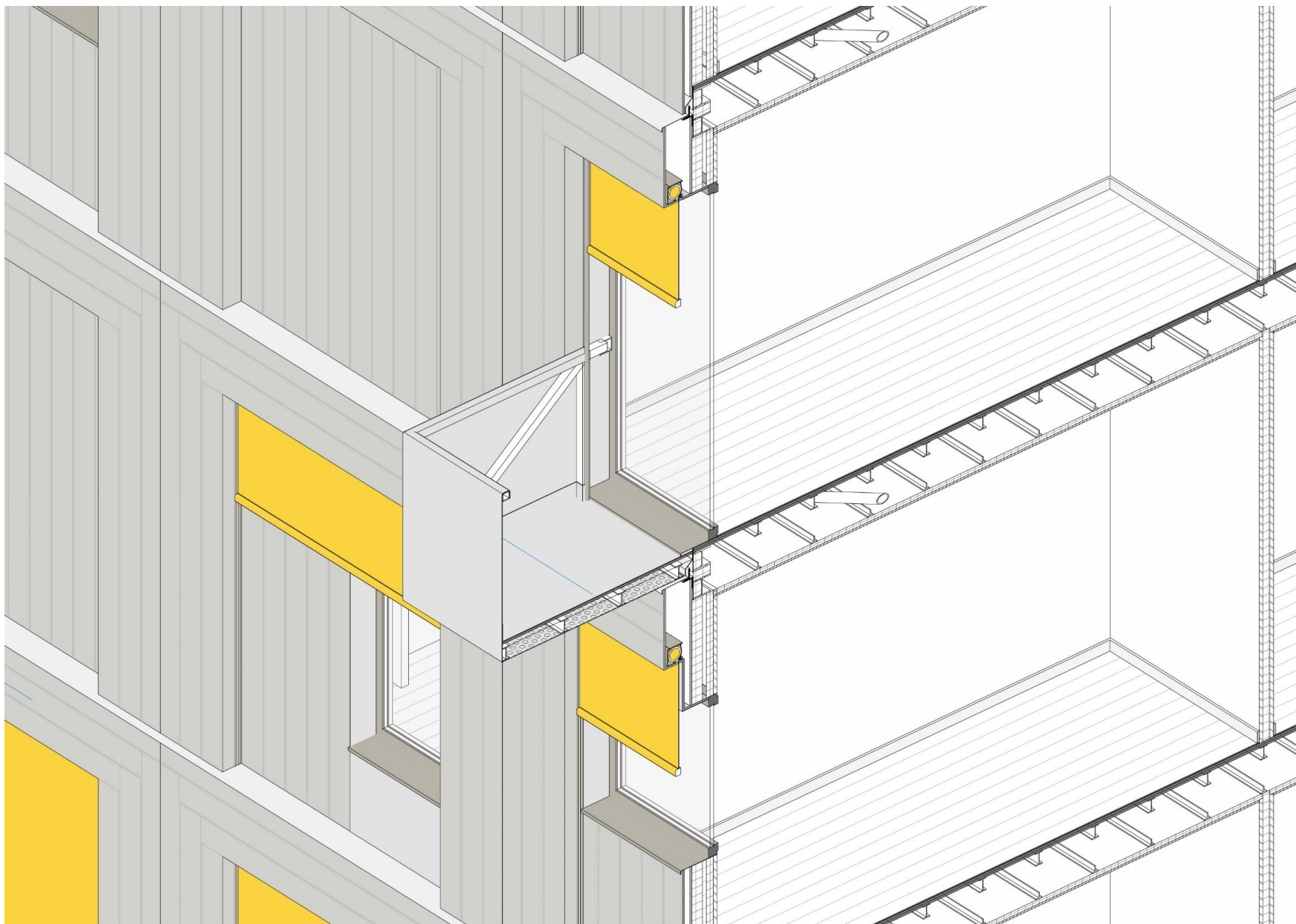
** Dimensão que garanta que a esquina da chapa fique acima do acoplador



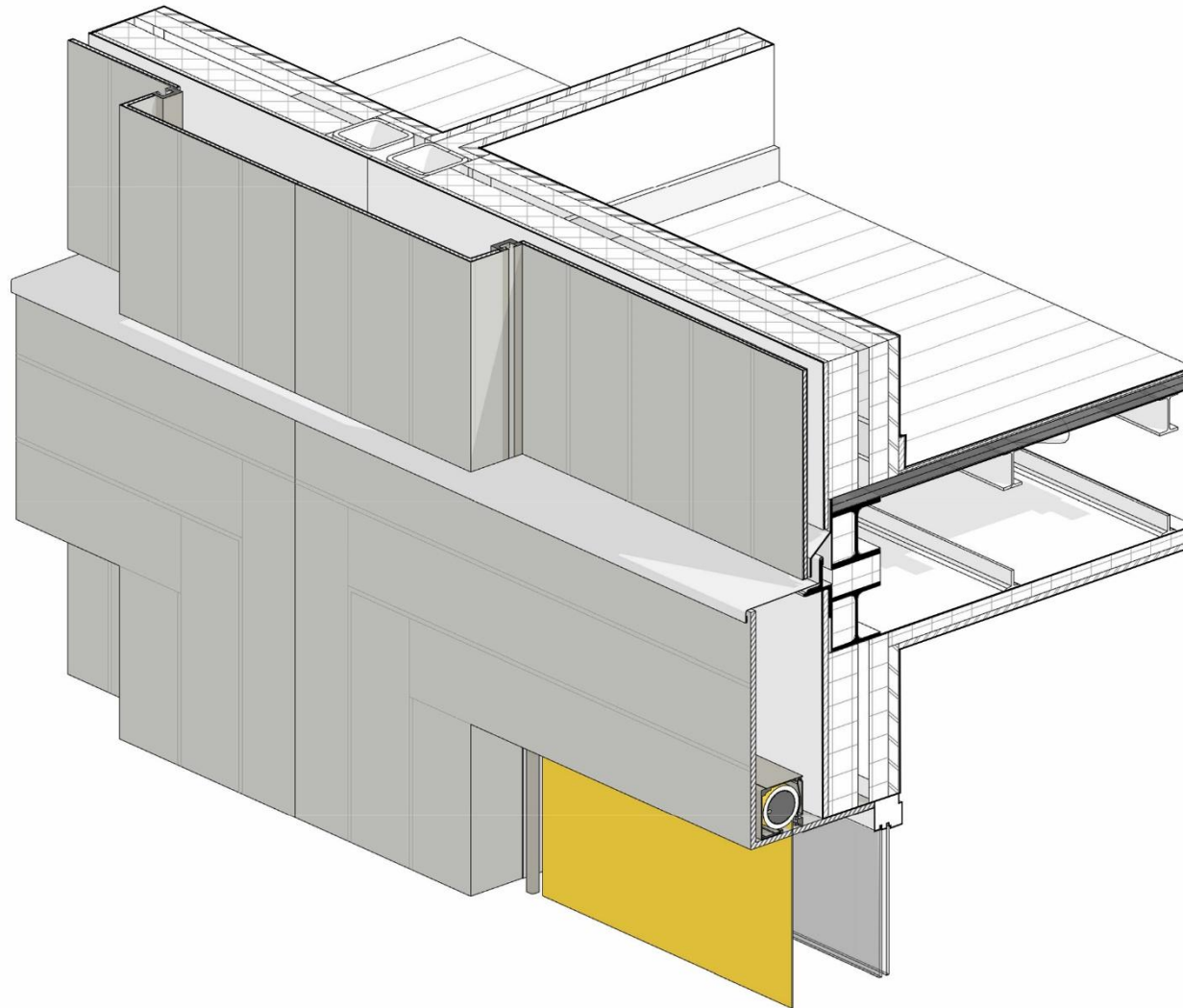
Modern
Construction Group

SUMMARY

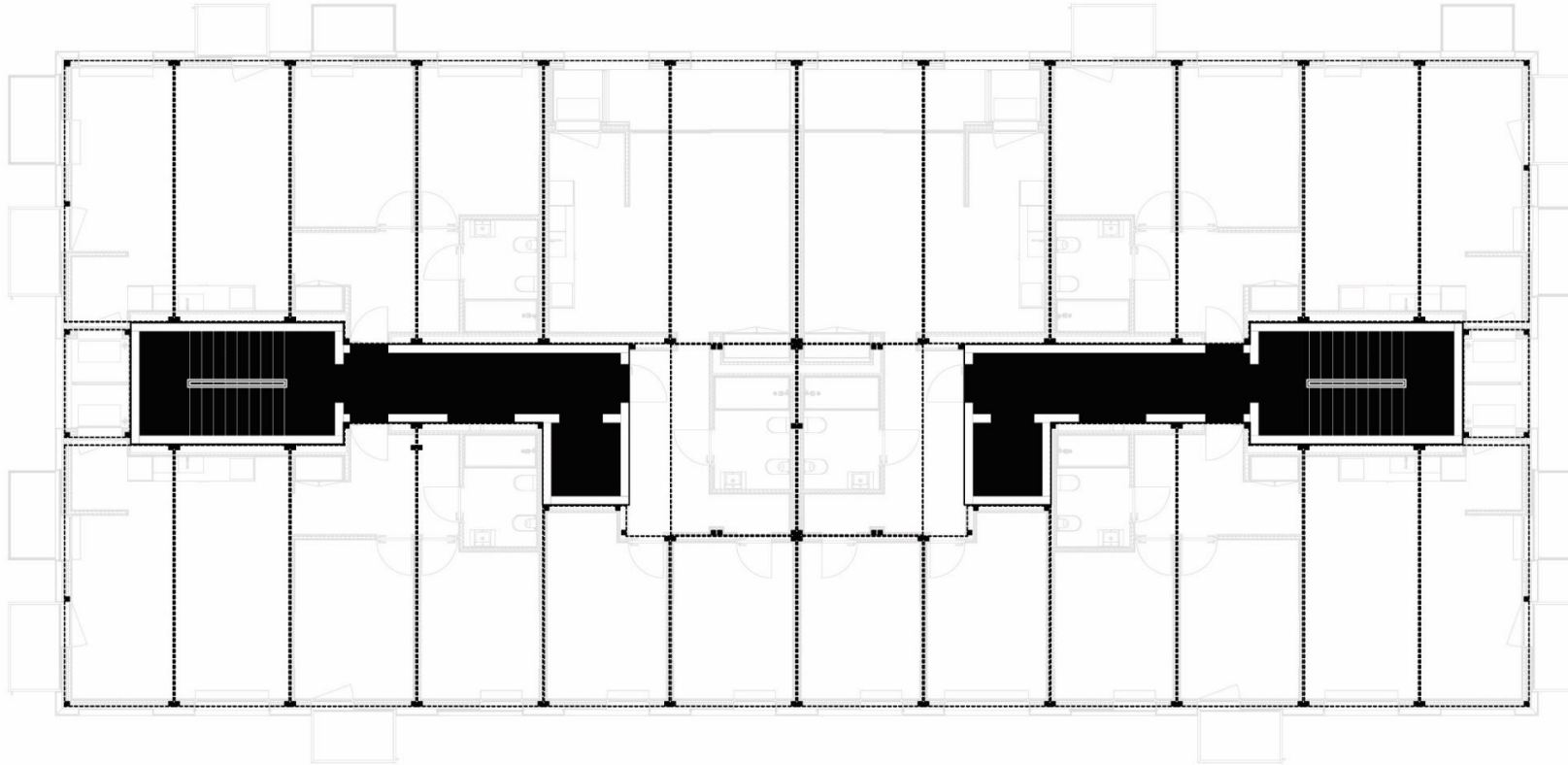




SUMMARY



SUMMARY



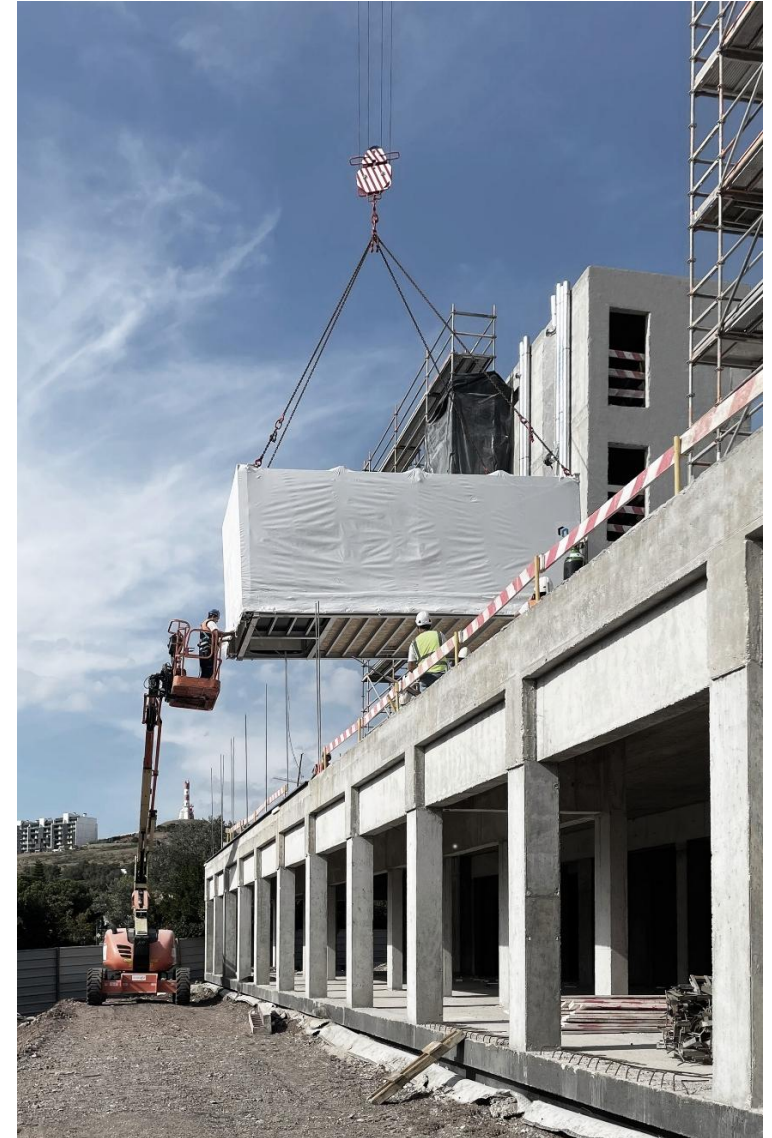
SUMMARY



SUMMARY



SUMMARY



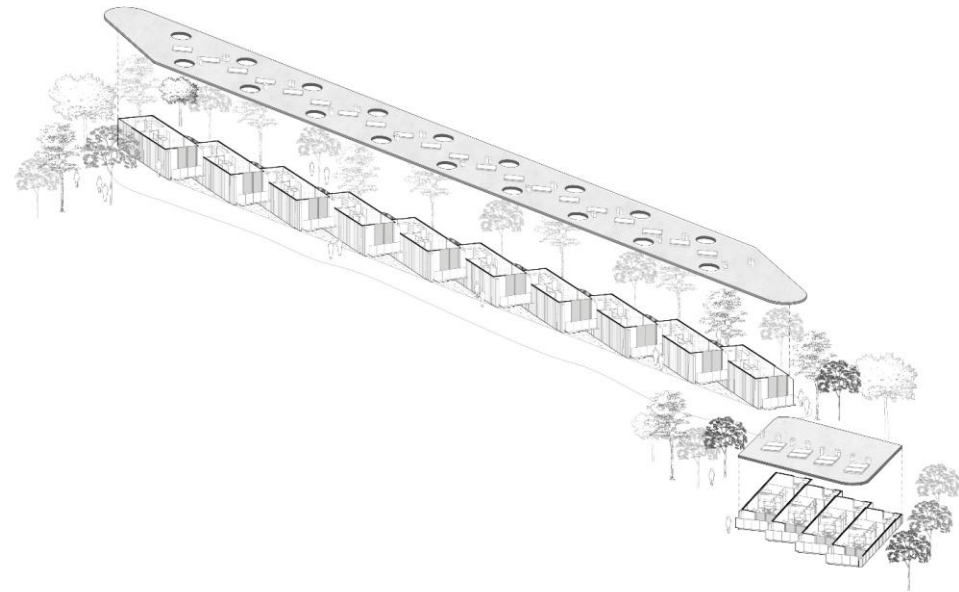
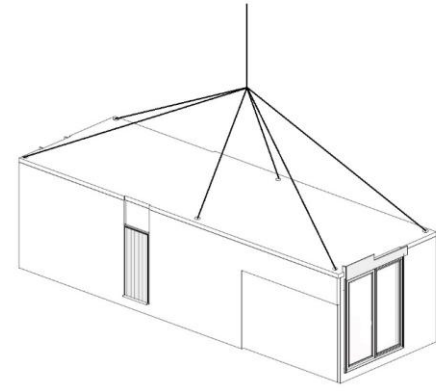
SUMMARY



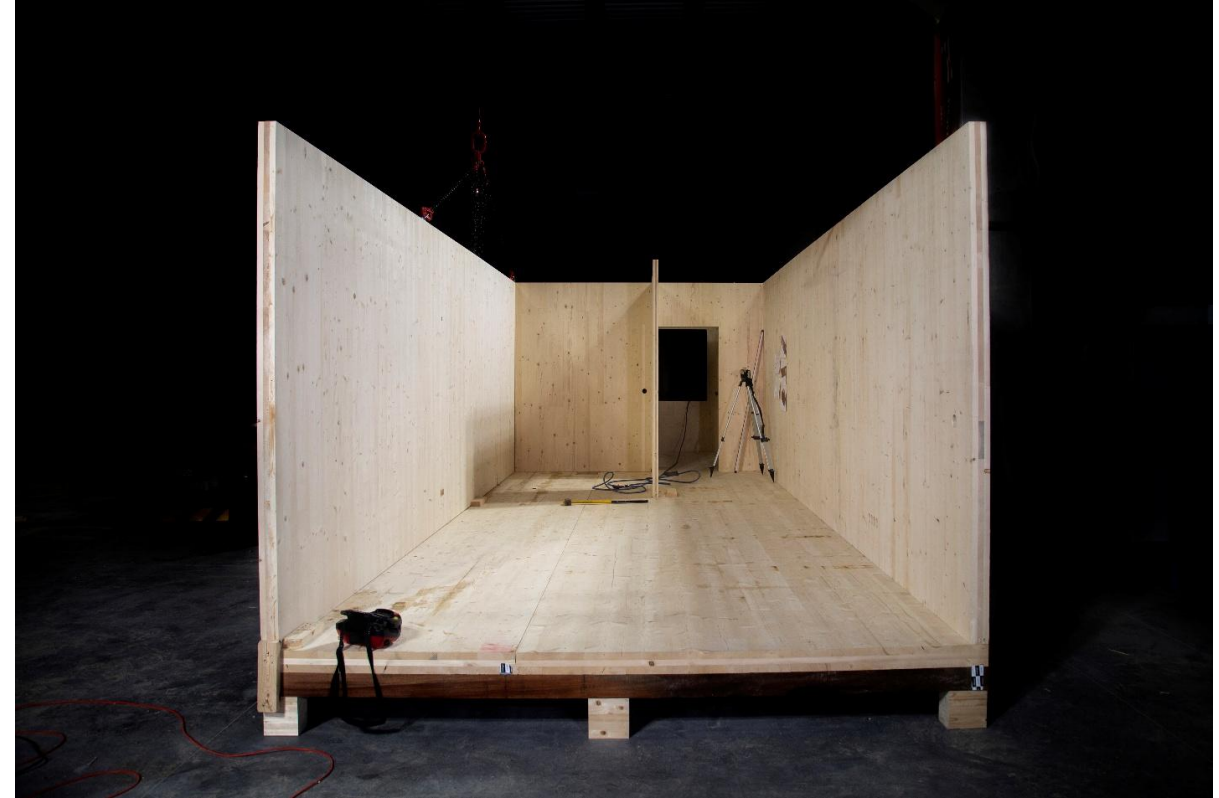
SUMMARY



SUMMARY



SUMMARY



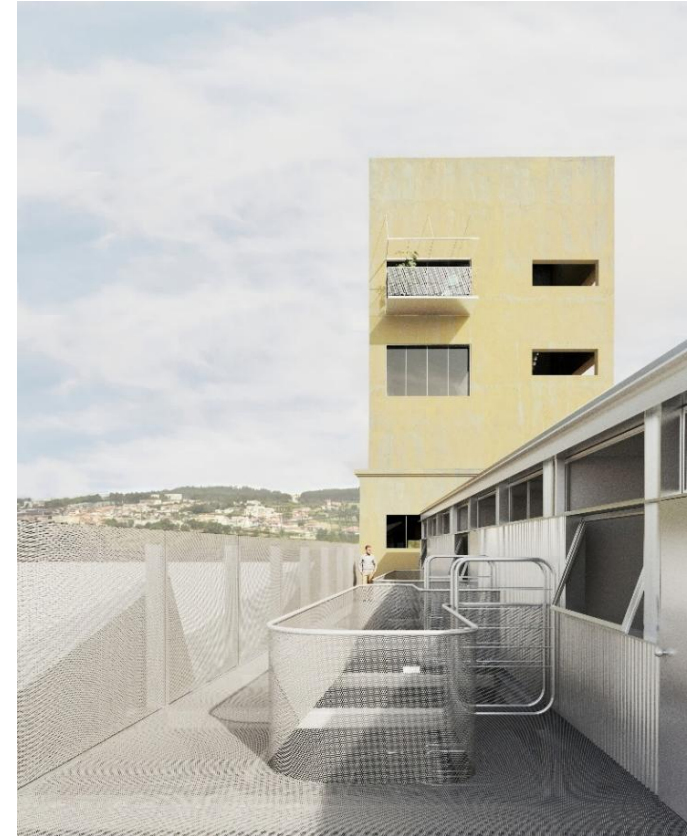
SUMMARY



SUMMARY



SUMMARY



SUMMARY

“There is more to design than technical optimization.”

Mario Carpo, The Age of Computational Brutalism

OBRIGADO

