



The Third Typology: Architecture on the Bank of the Bengawan Solo

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THE THIRD TYPOLOGY: ARCHITECTURE ON THE BANK OF THE BENGAWAN SOLO

A Thesis Submitted to the Department of Architecture Harvard University Graduate School of Design, by

PARAMA PRADANA SUTEJA

In Partial Fulfillment of the Requirements for the Degree of [Master of Architecture]

DECEMBER 2023

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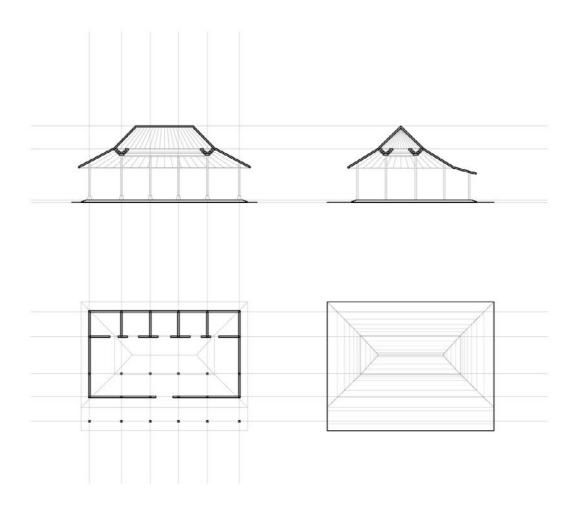
Parama Pradana Suteja

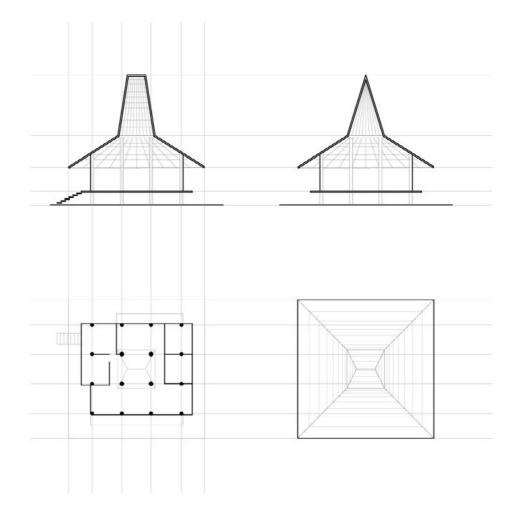
Eric Höweler

THE THIRD TYPOLOGY

Architecture on The Bank of The Bengawan Solo

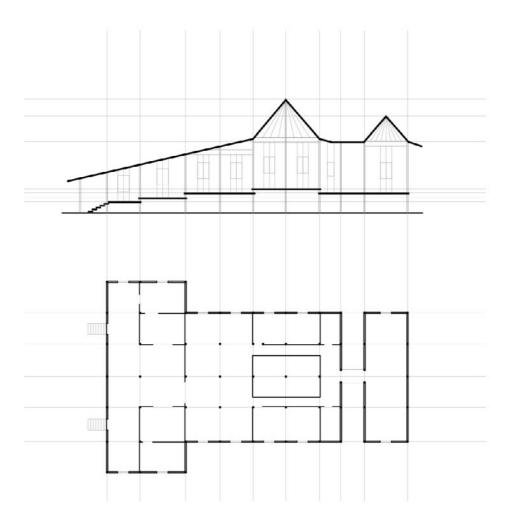




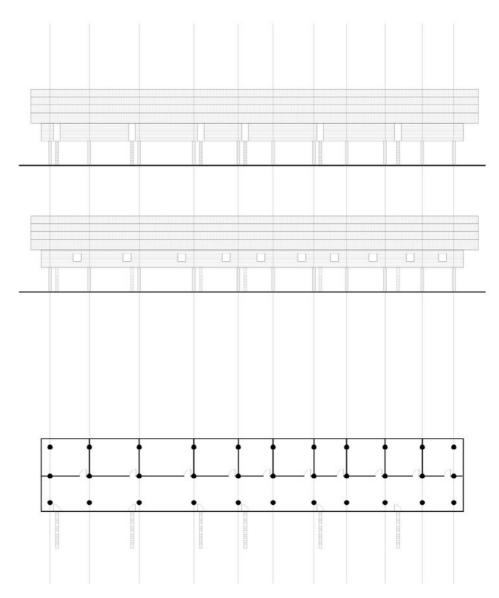


Joglo House, Java

Sumbanese House, Sumba



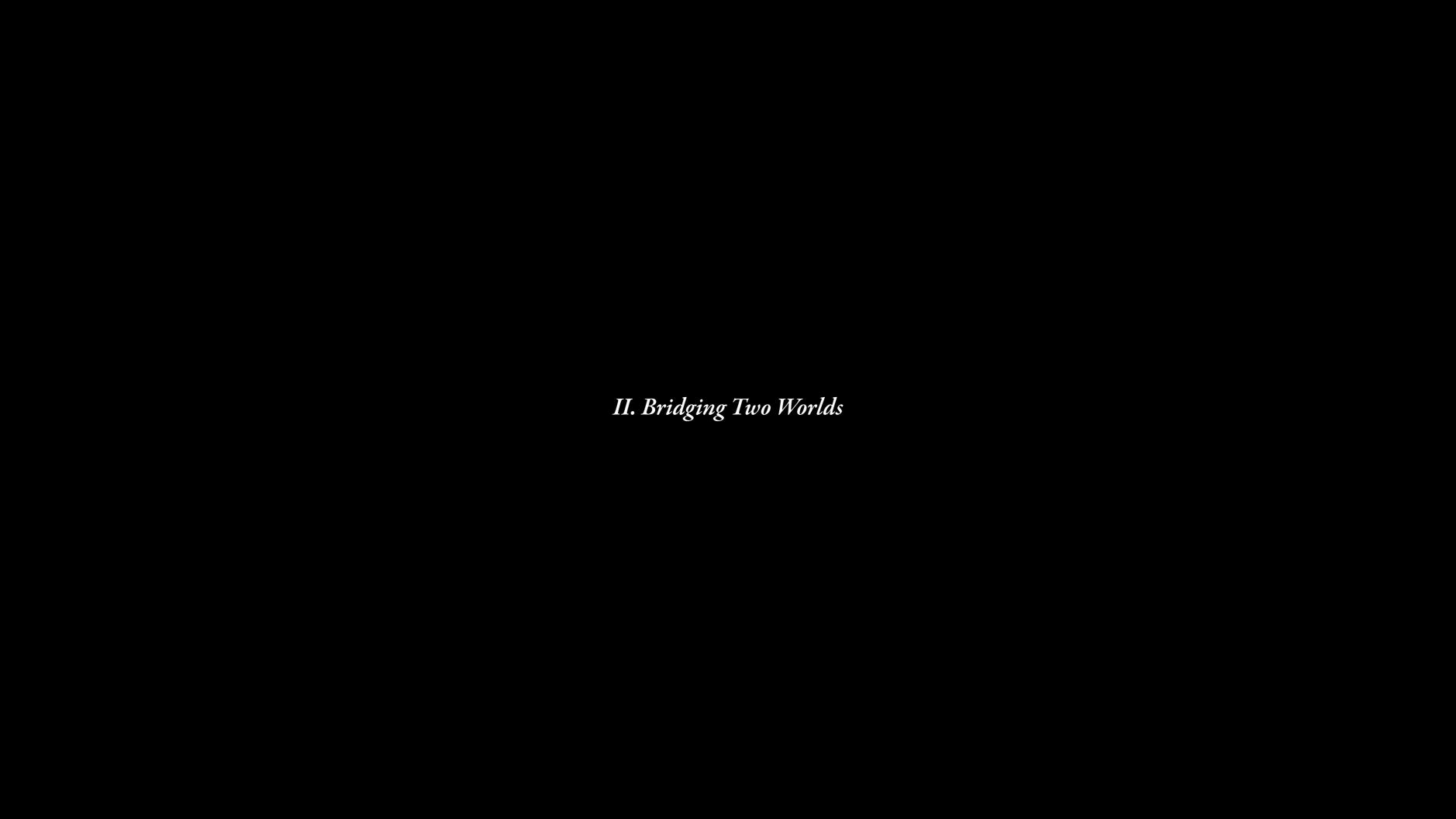
Limas House, Sumatra

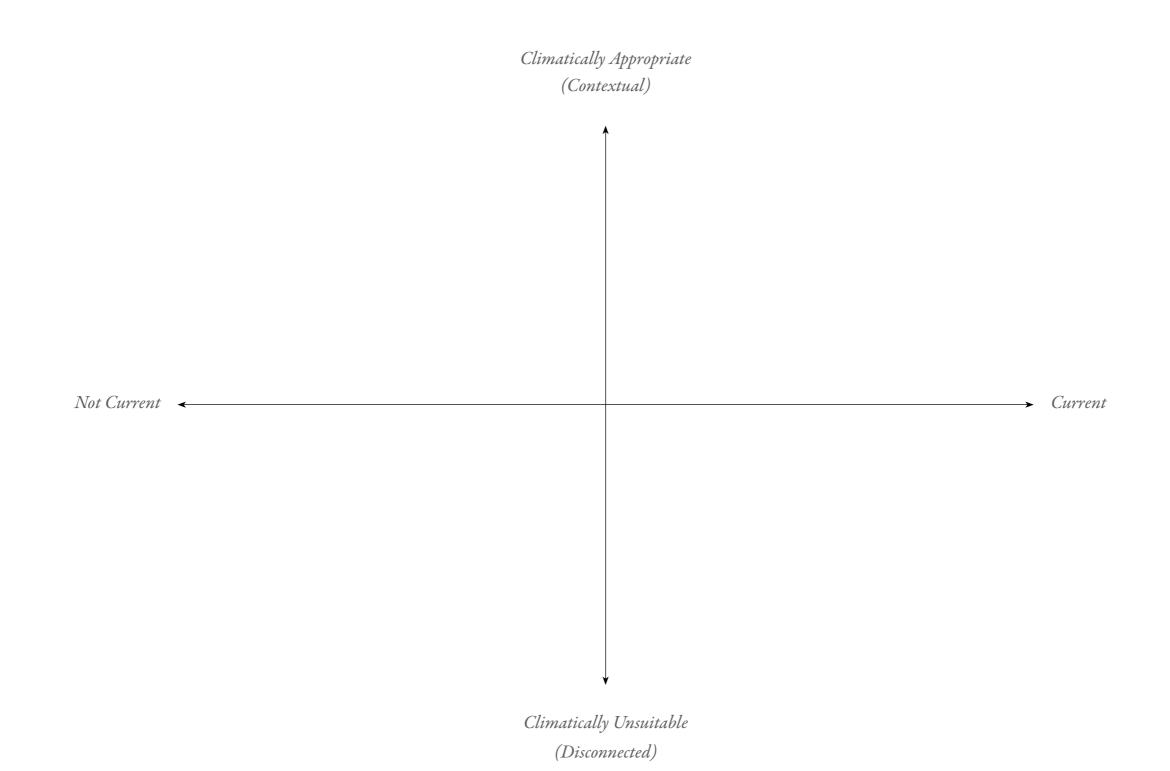


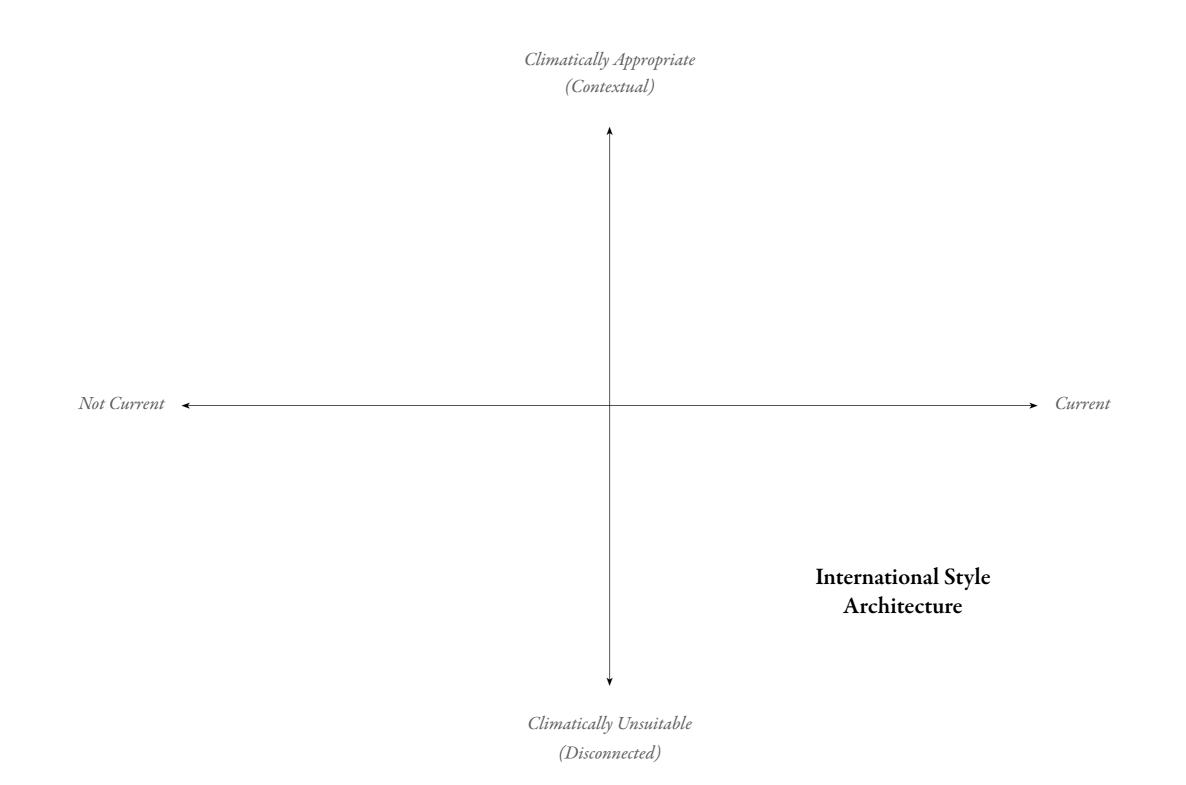
Borneo Long House, Kalimantan

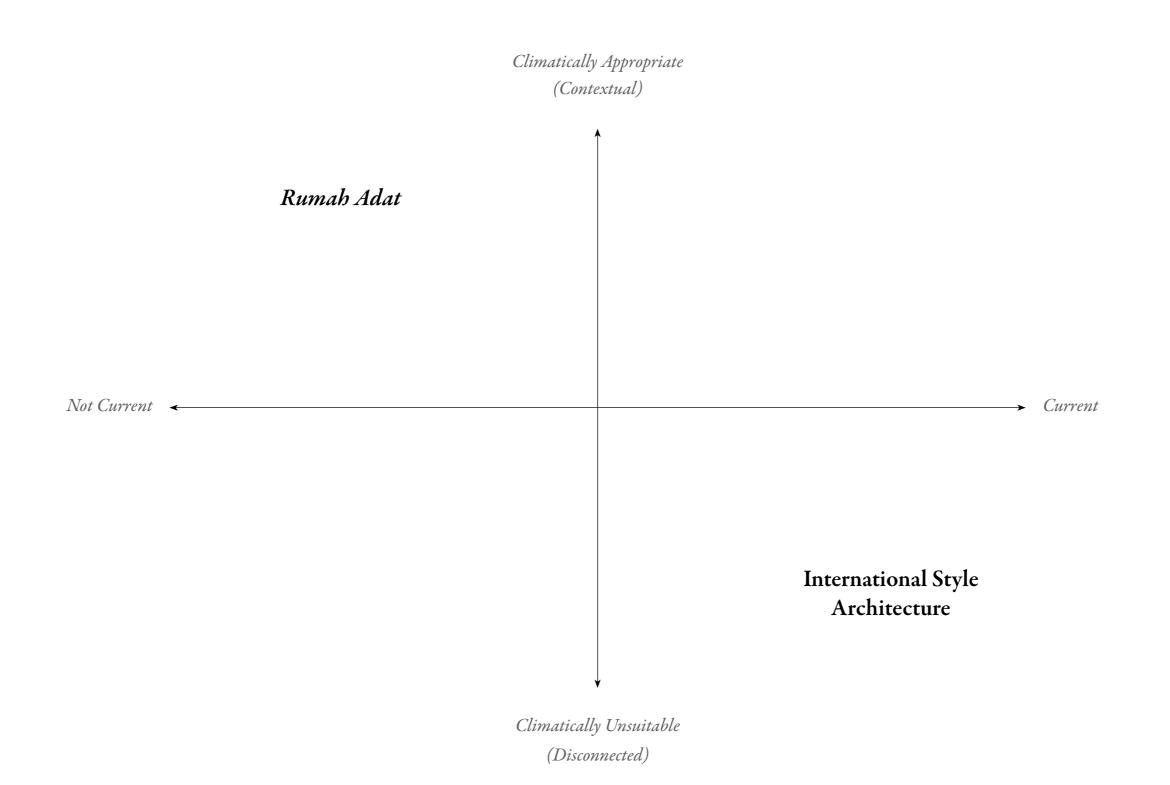
The Dichotomy's Pitfall

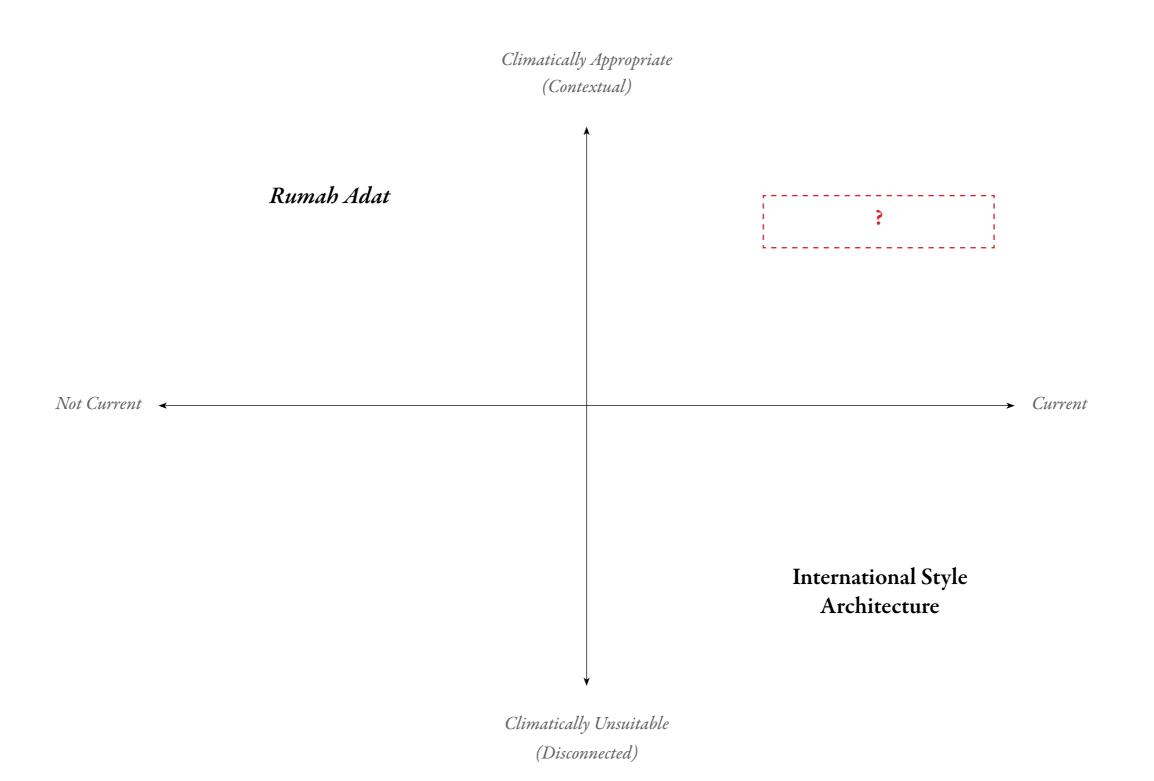
- 1. Fragmentation in developing a unified national identity.
- 2. Loss of valuable cultural knowledge and heritage.
- 3. Lack of contextually sensitive design leading to adverse environmental and social impacts.



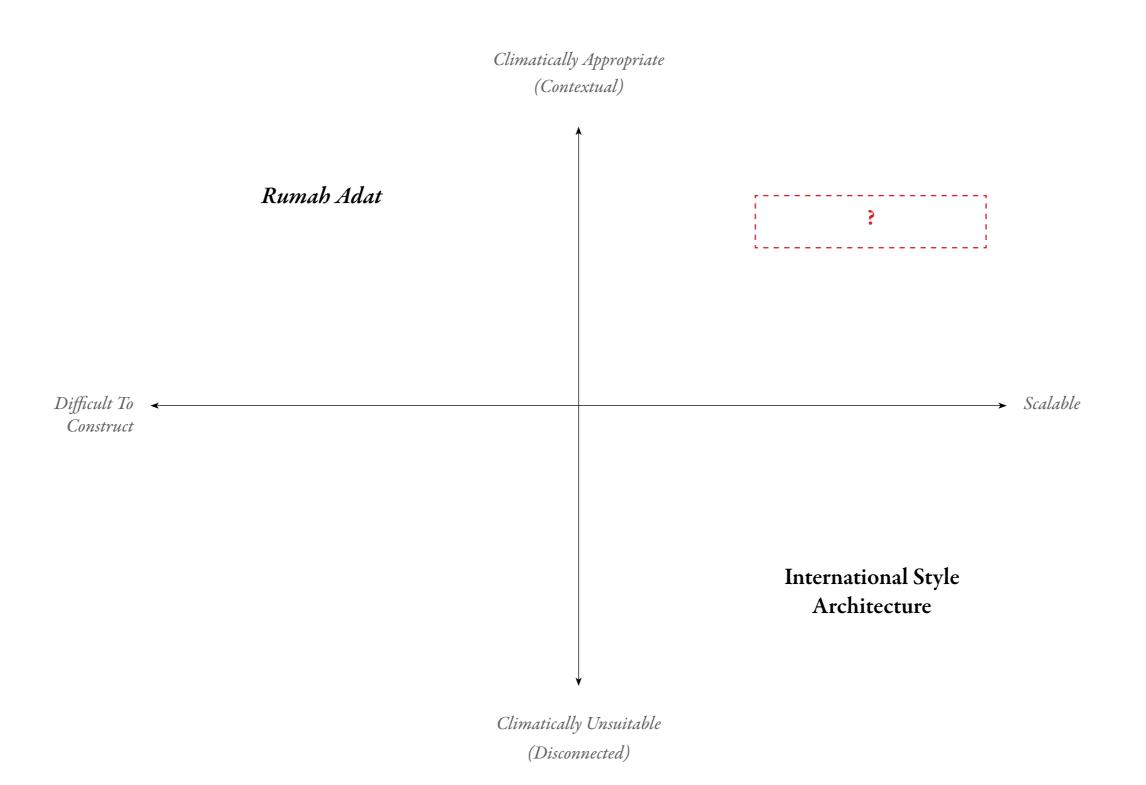


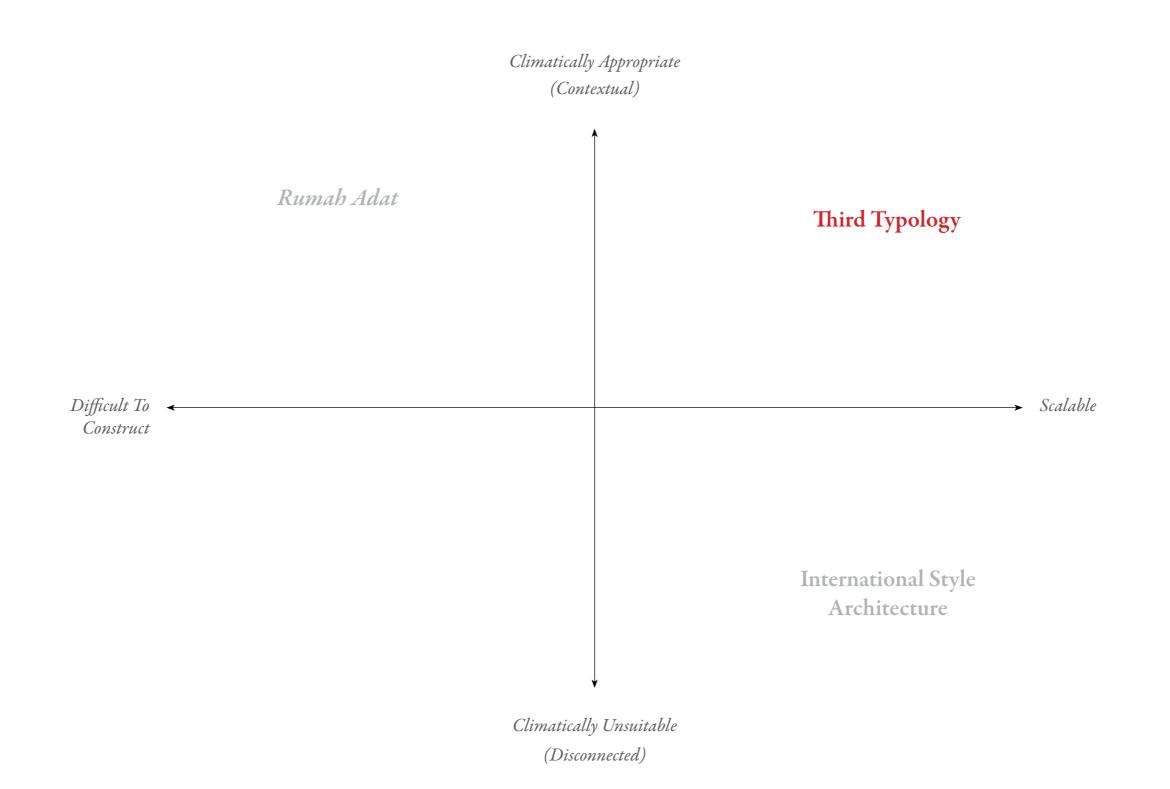


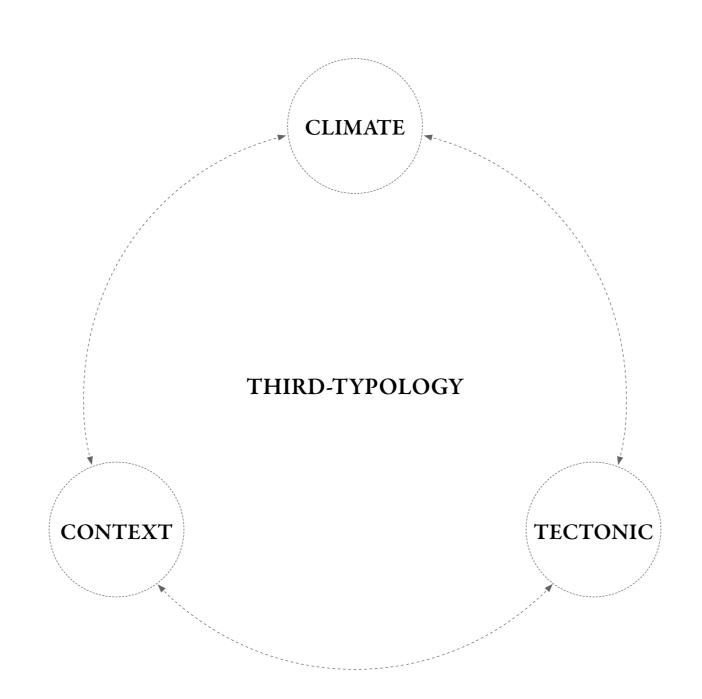


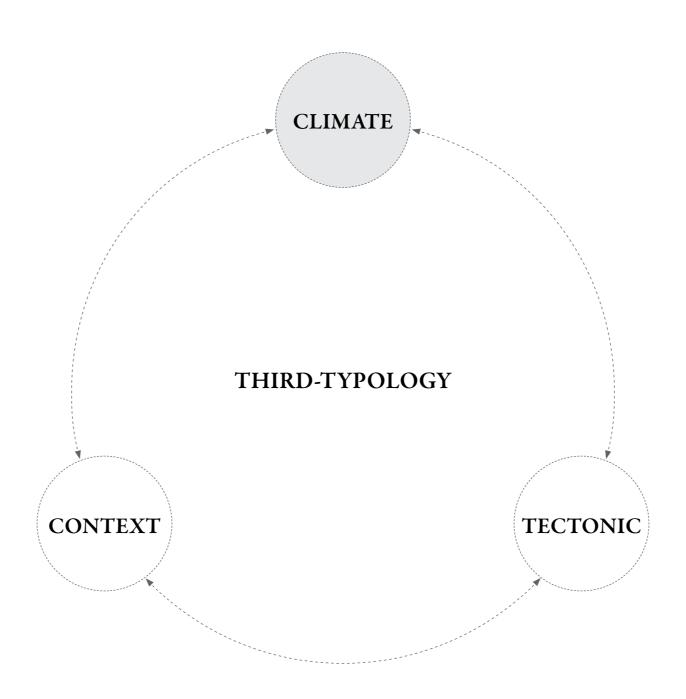


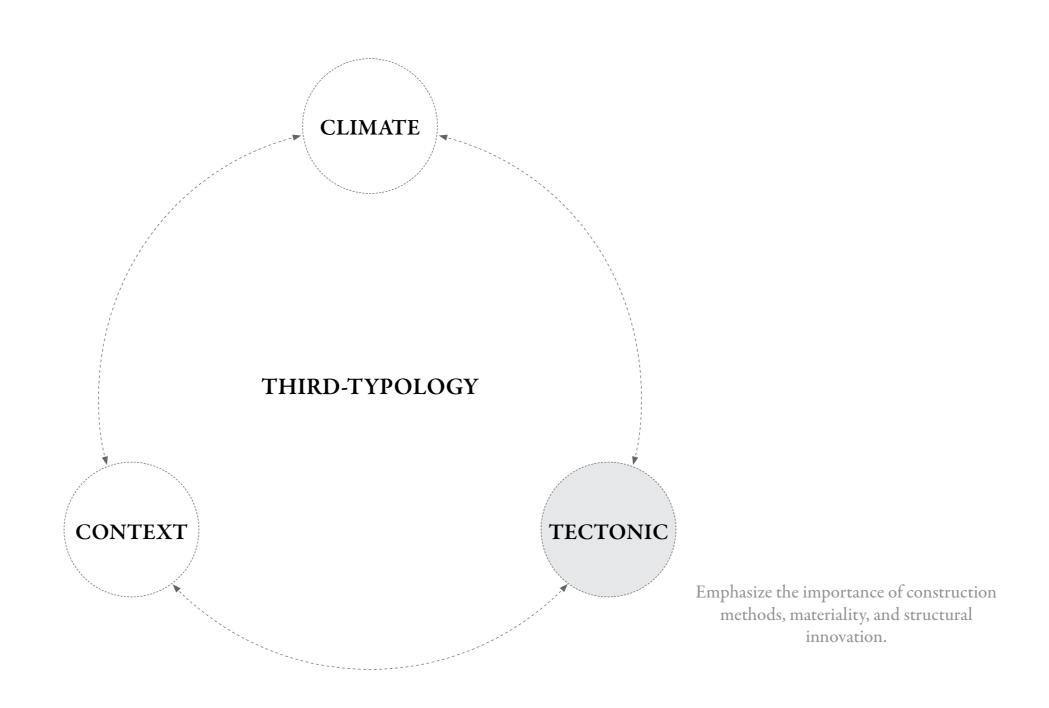
How can architectural solutions be both climatically-appropriate and meets the current needs?

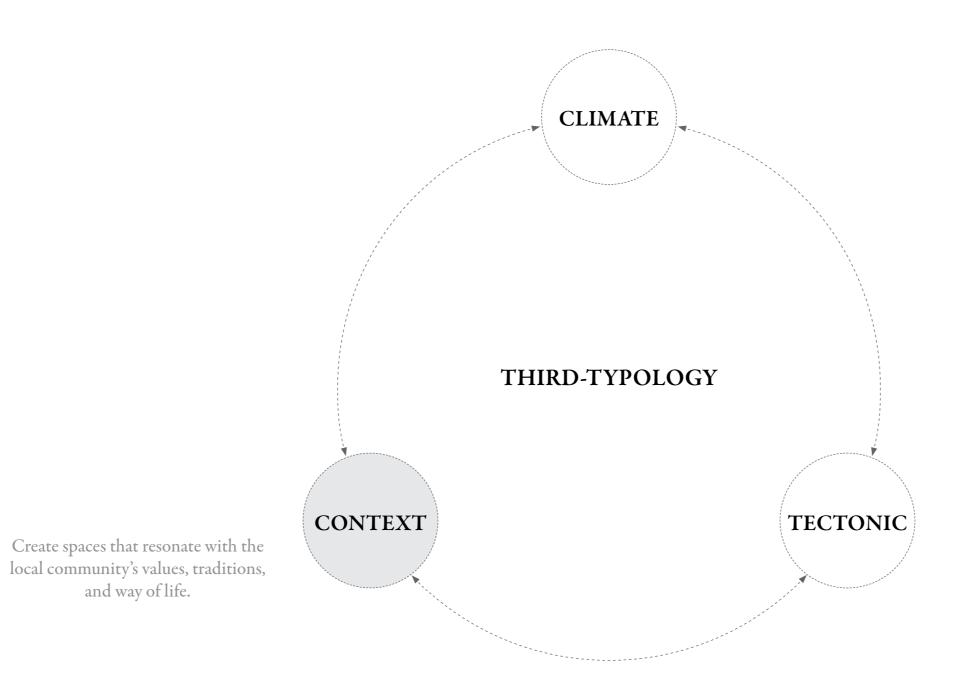


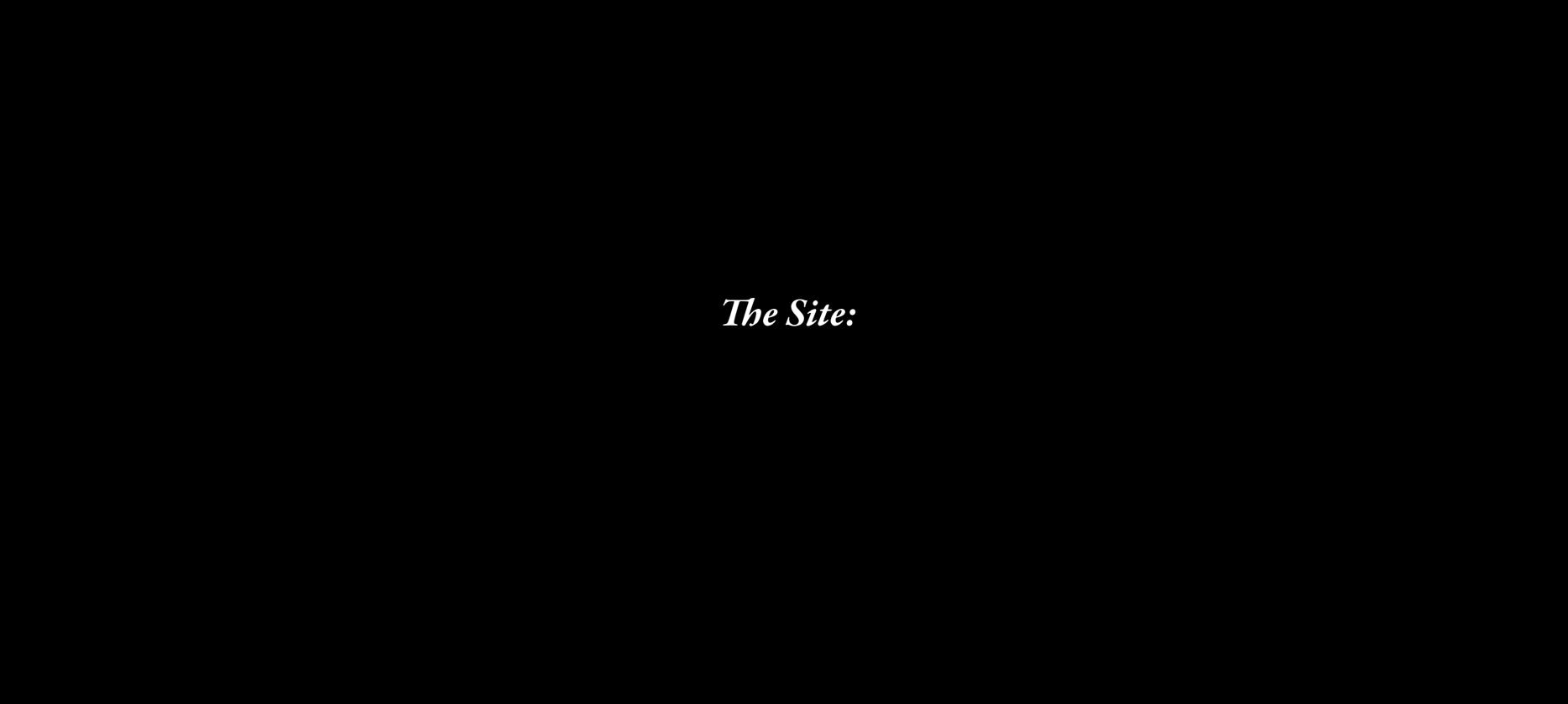




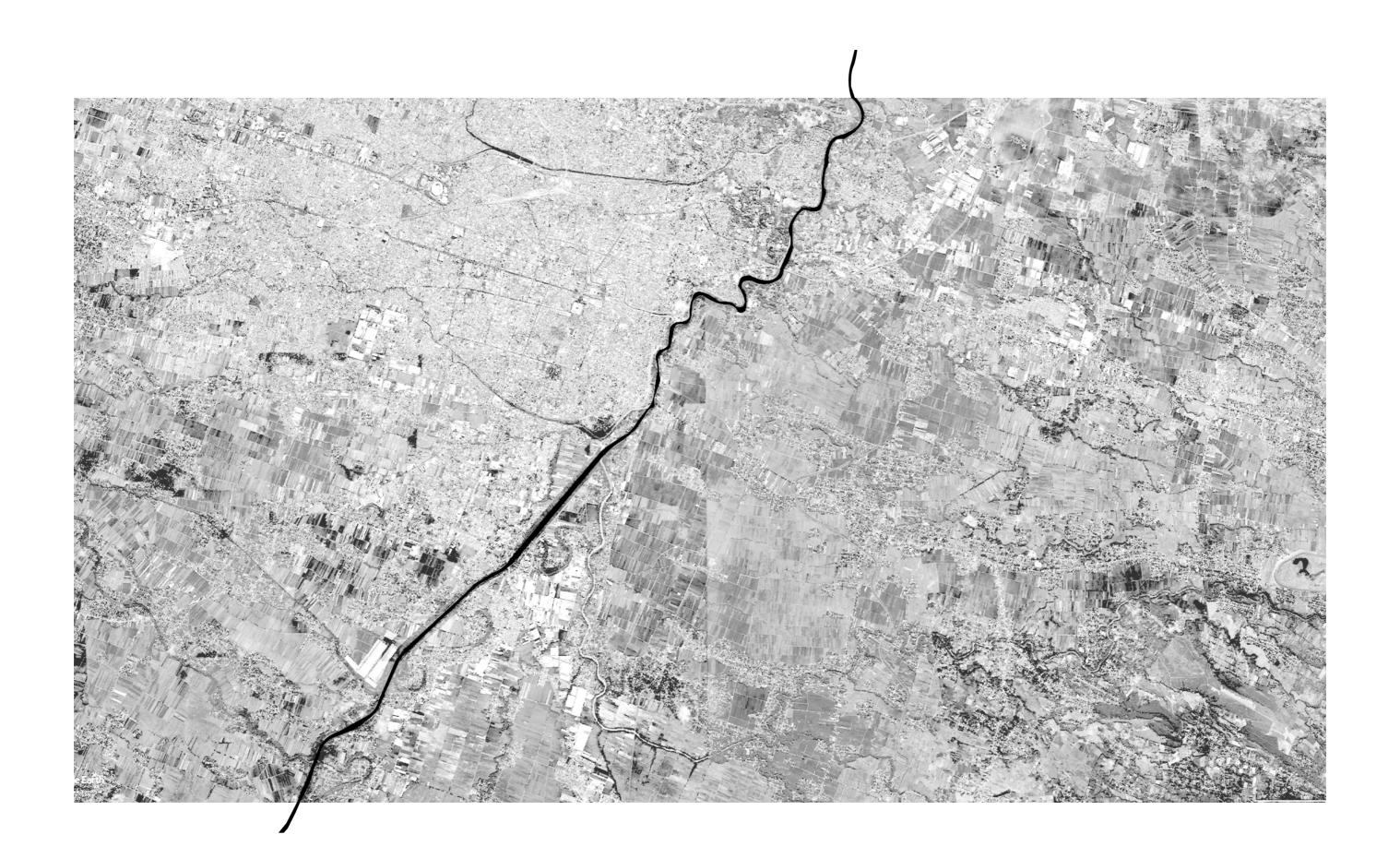








The Site: Bengawan Solo





Informal Settlements



Informal Agriculture and Urban Farming Akar Wangi/Vetiver



Site - Banks of the Bengawan Solo River, North of Mojo Bridge, on the Solo-Sukoharjo Border



Volleyball









URBAN FARMS

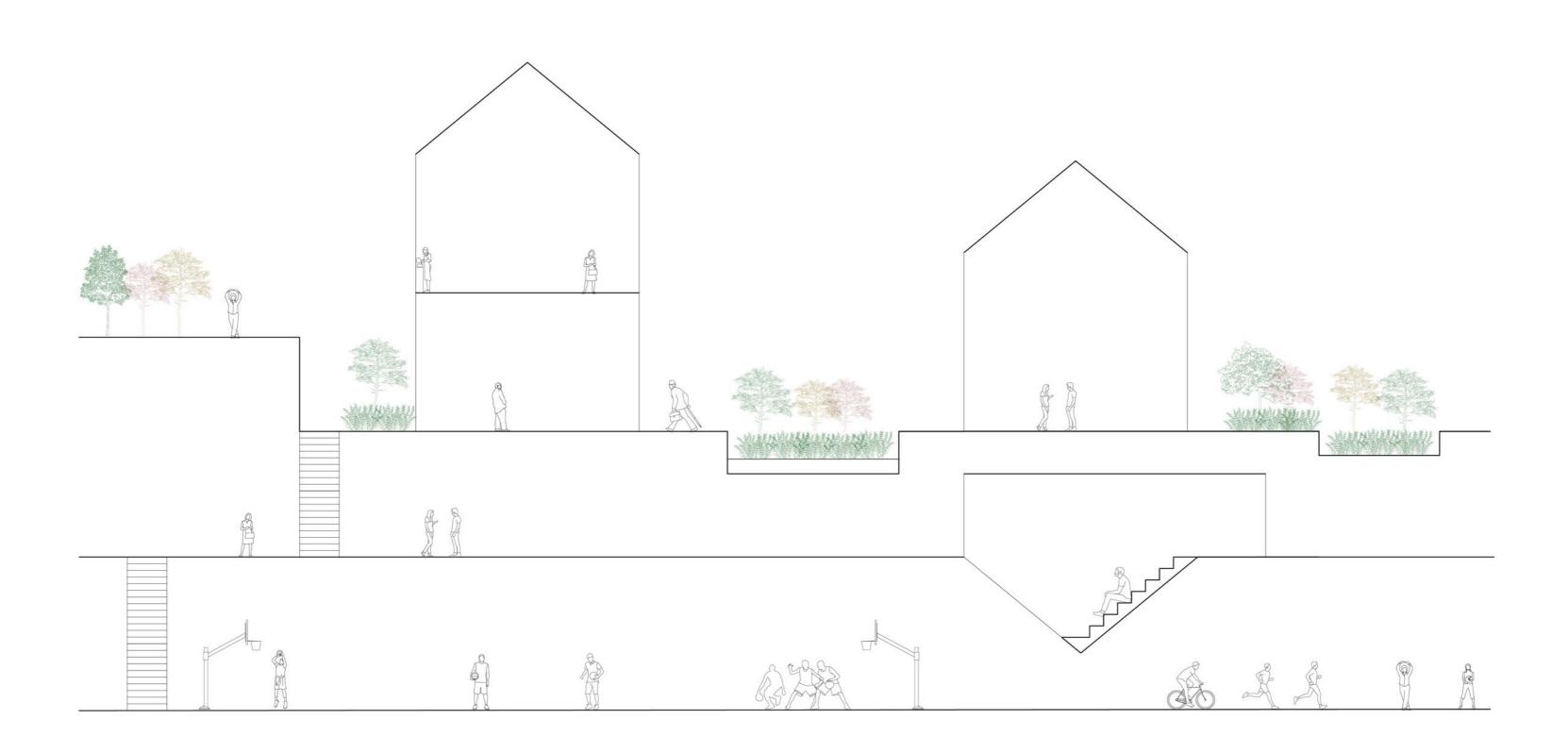
FOOD PROCESSING

HOUS/NGS

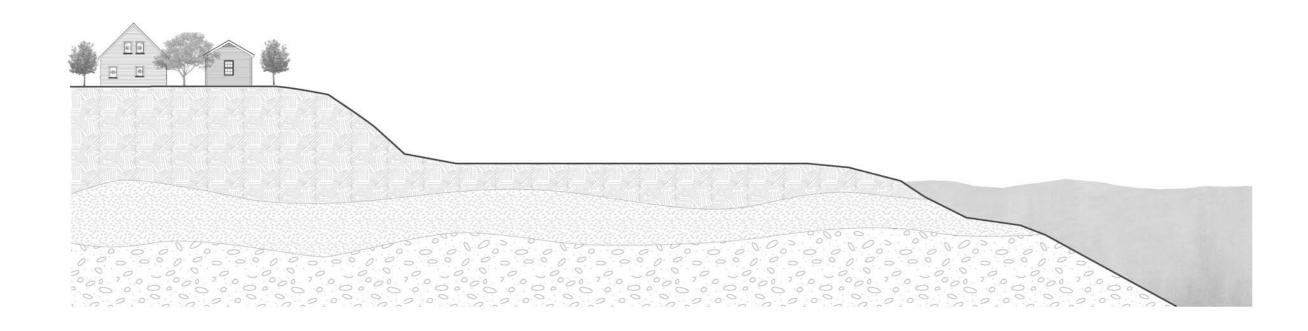
SPORTS FACILITIES

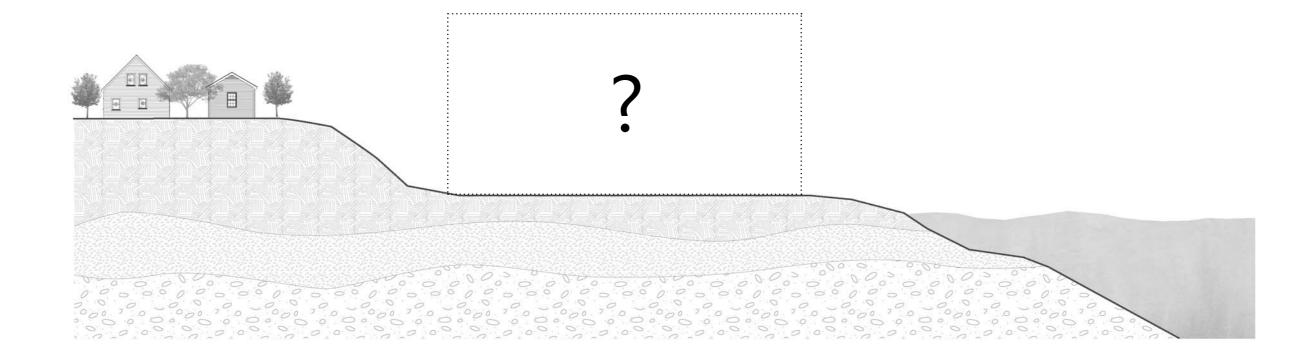
HOUS/NGS URBAN FARMS FOOD PROCESSING SPORTS FACILITIES

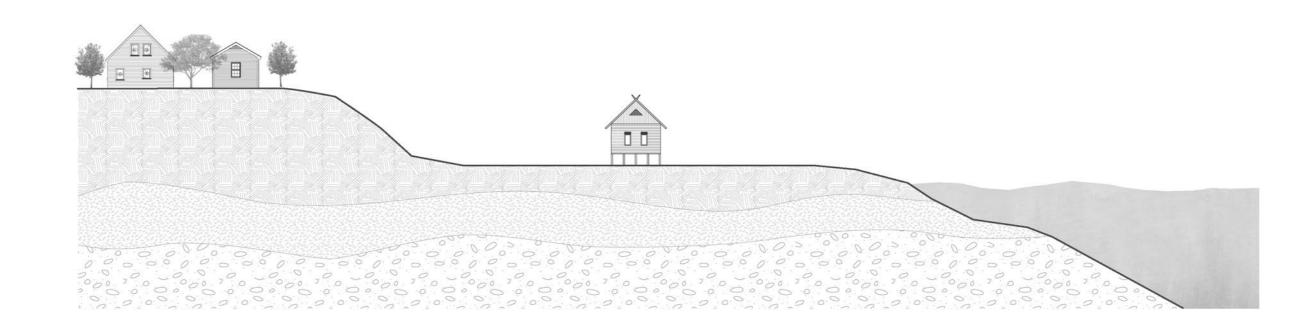


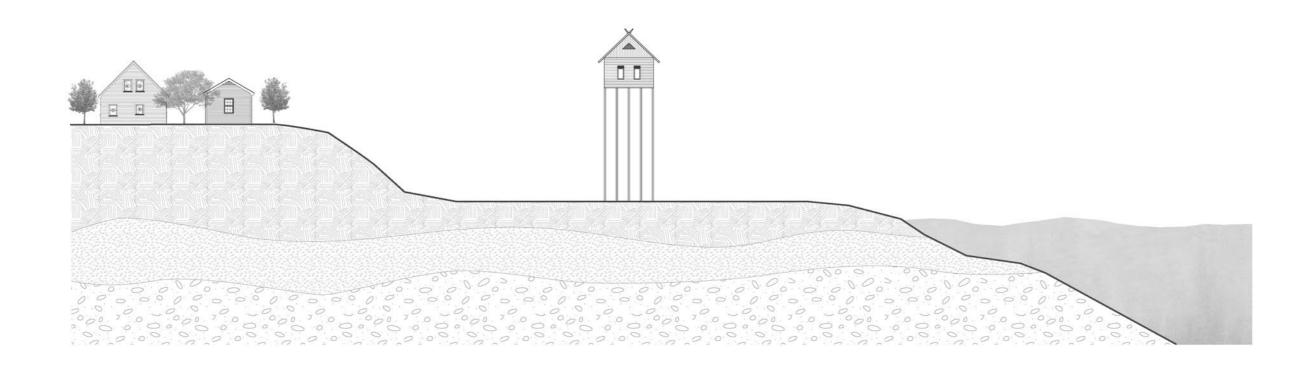


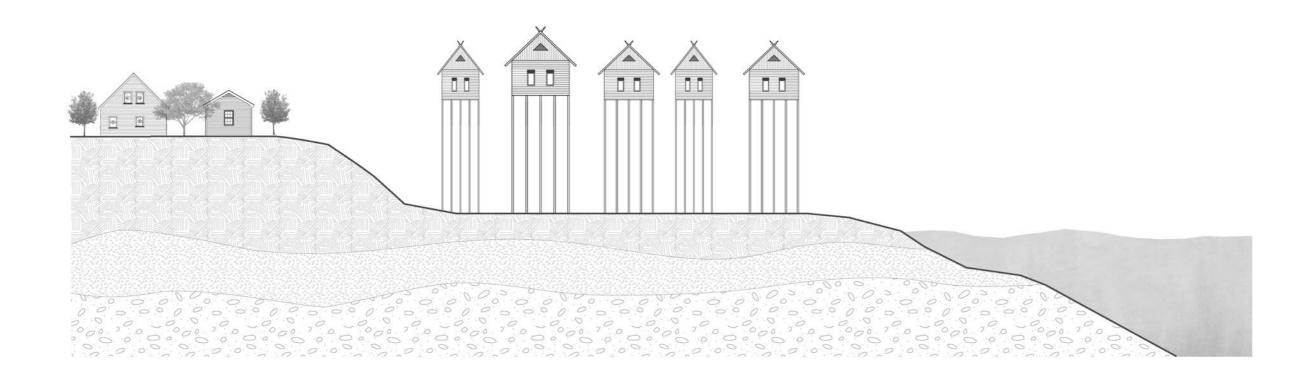


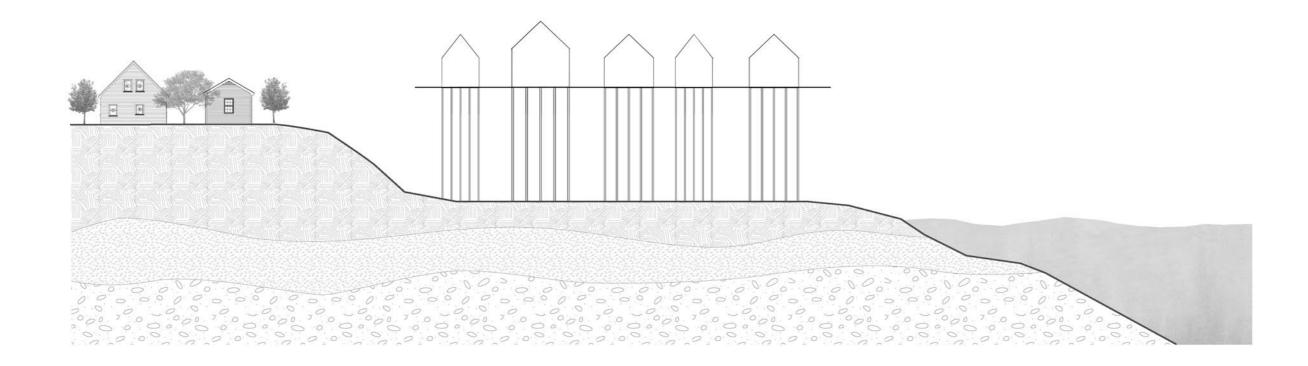


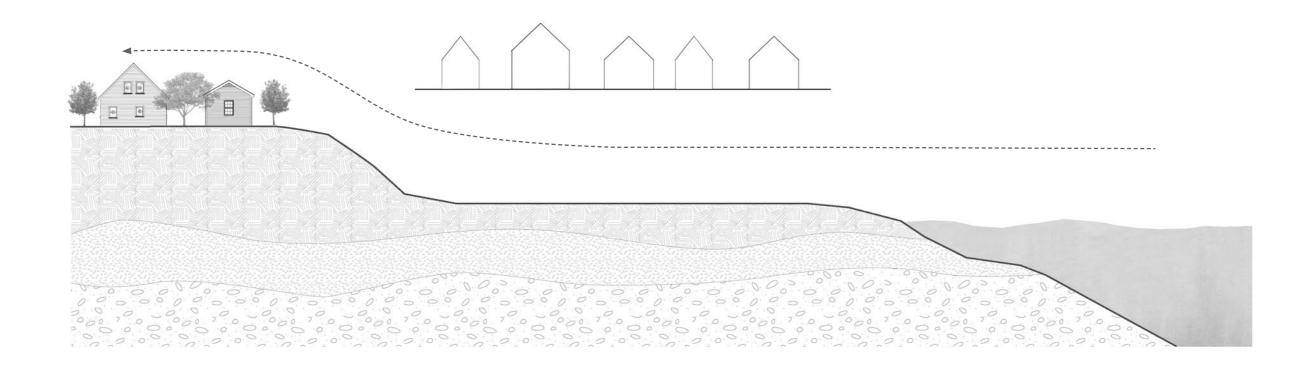


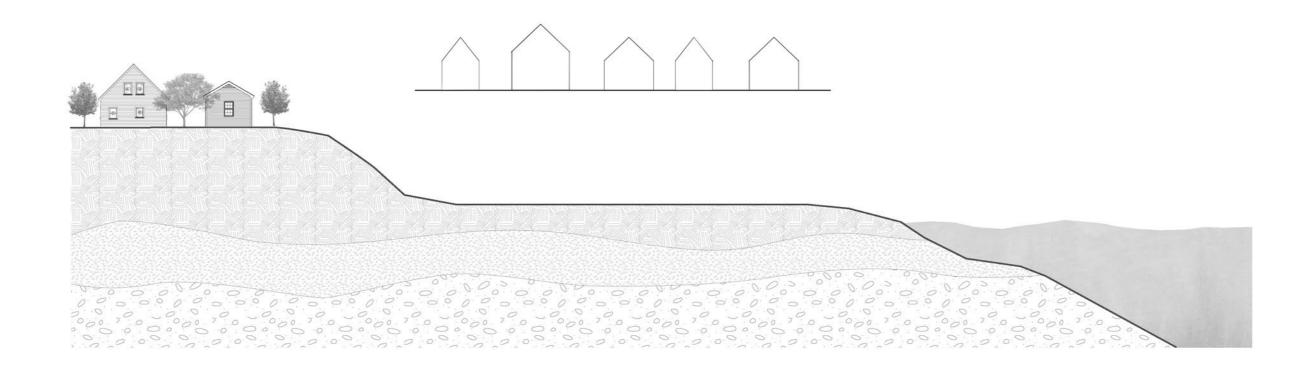


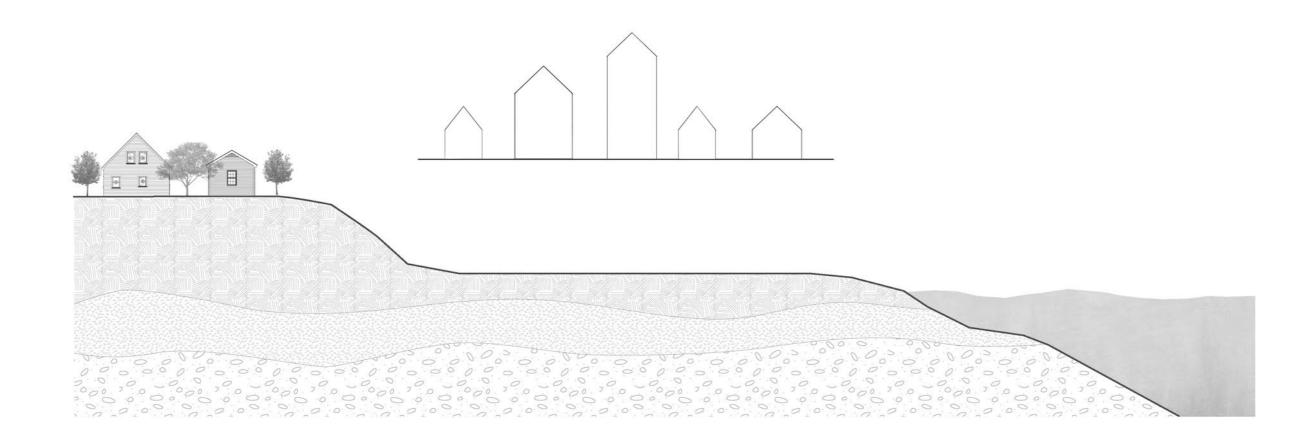


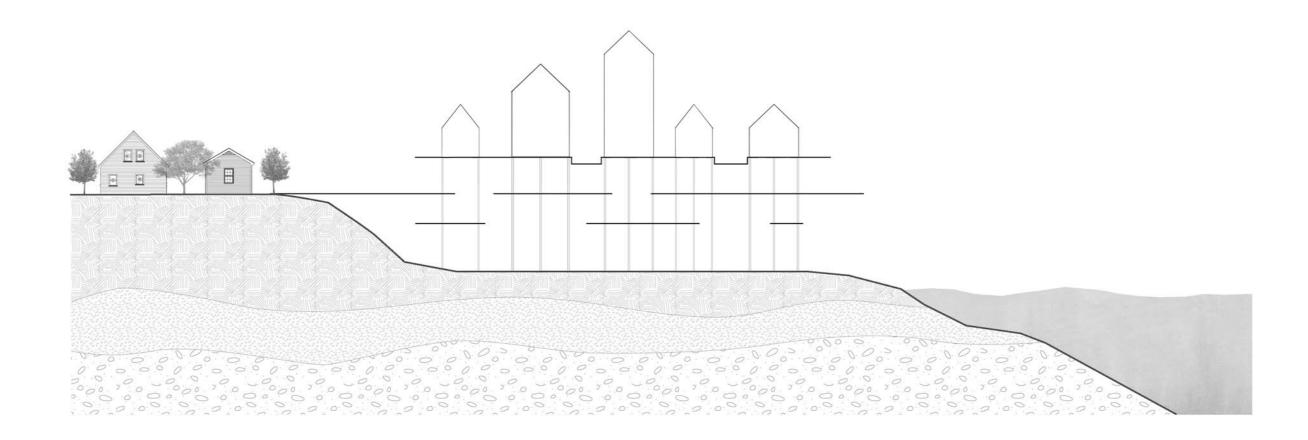


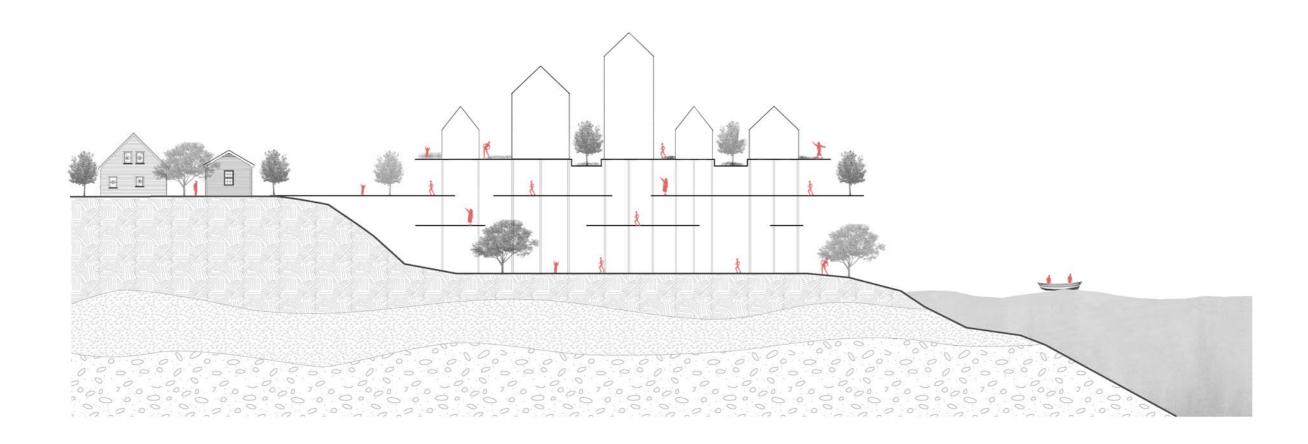


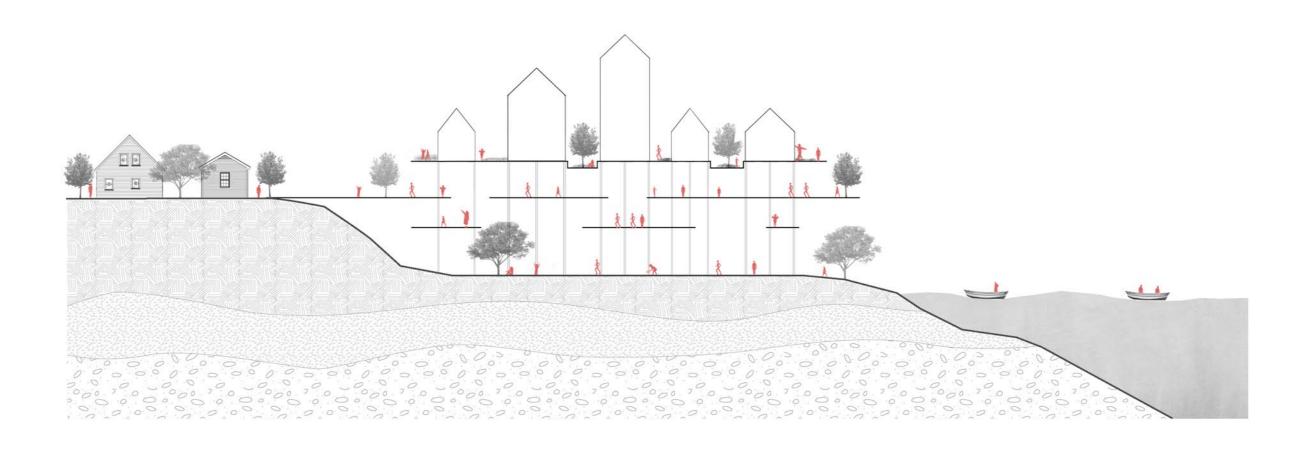


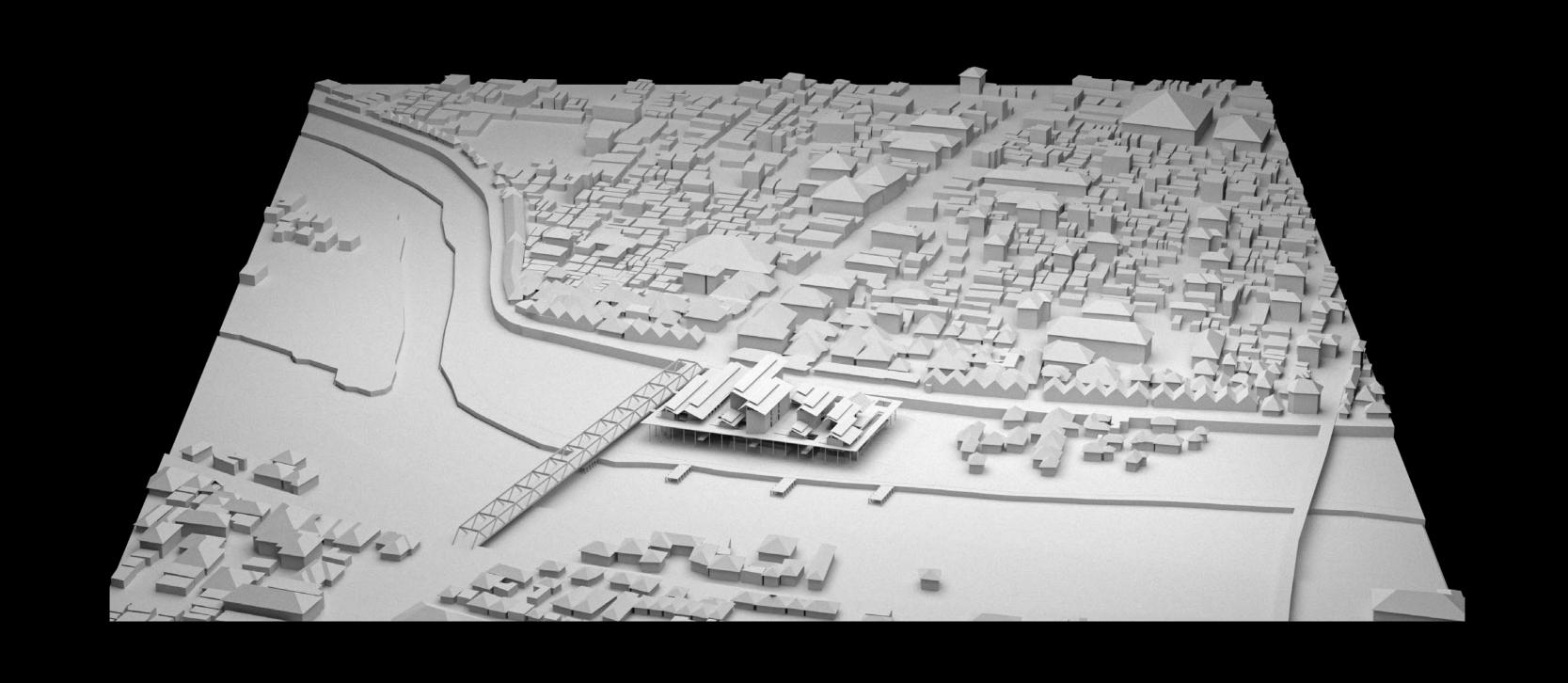


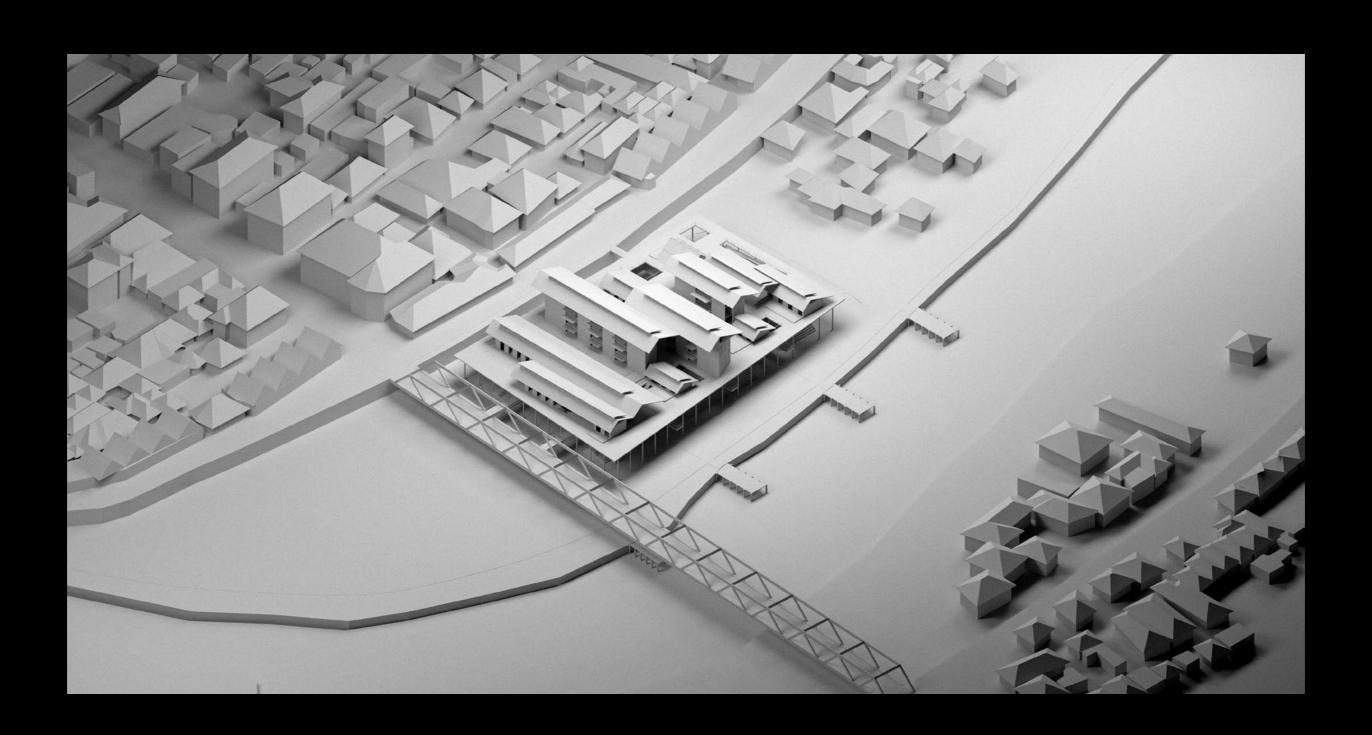


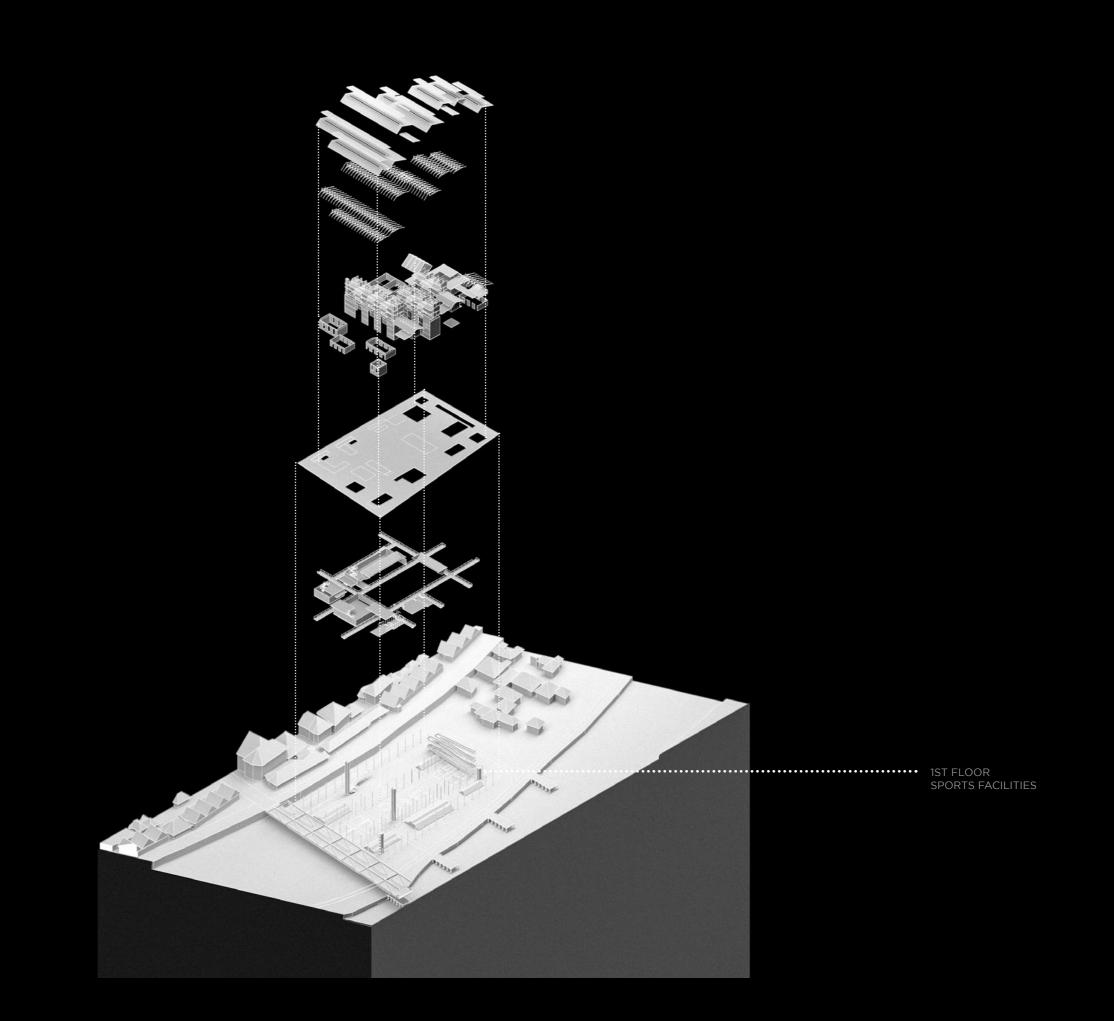


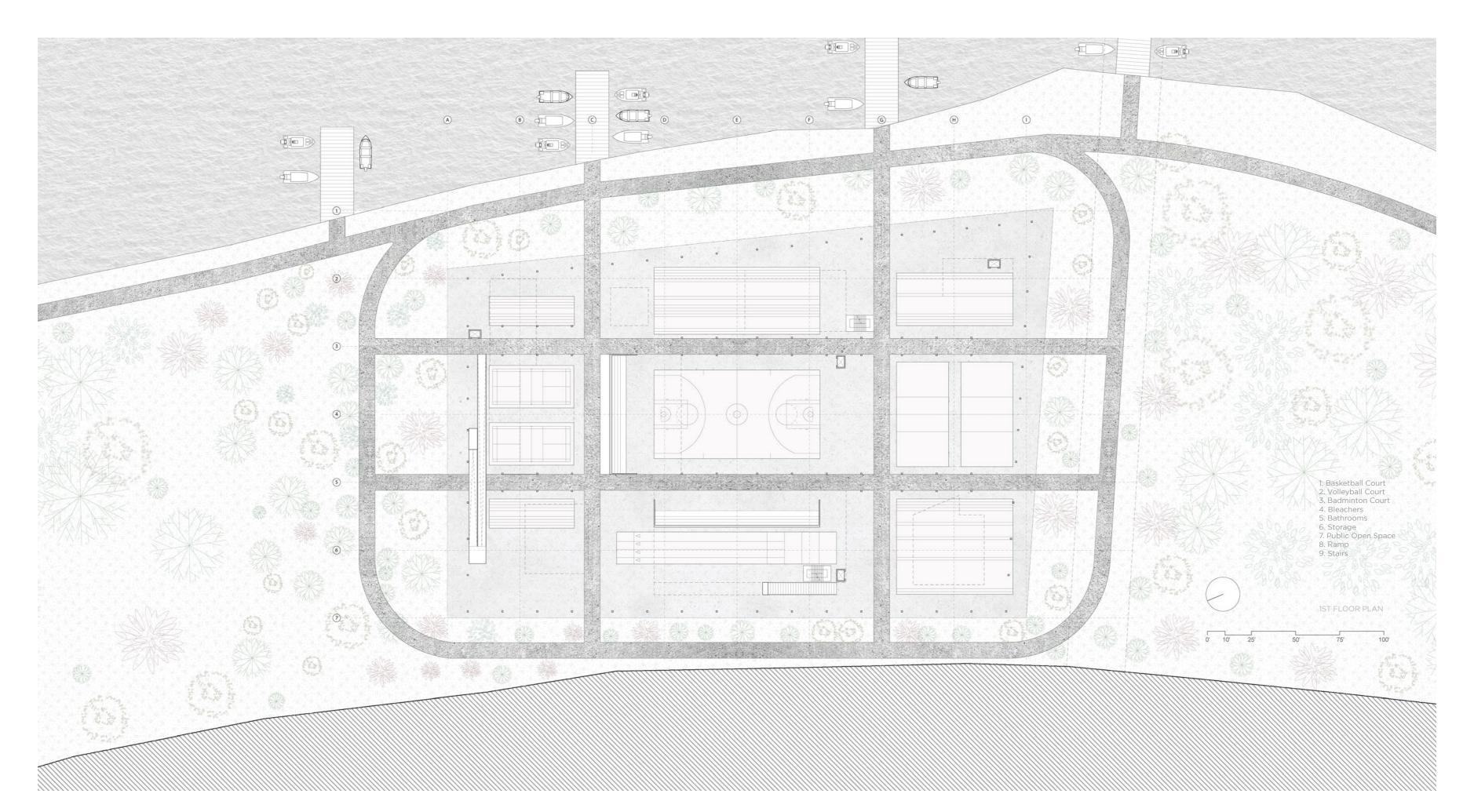




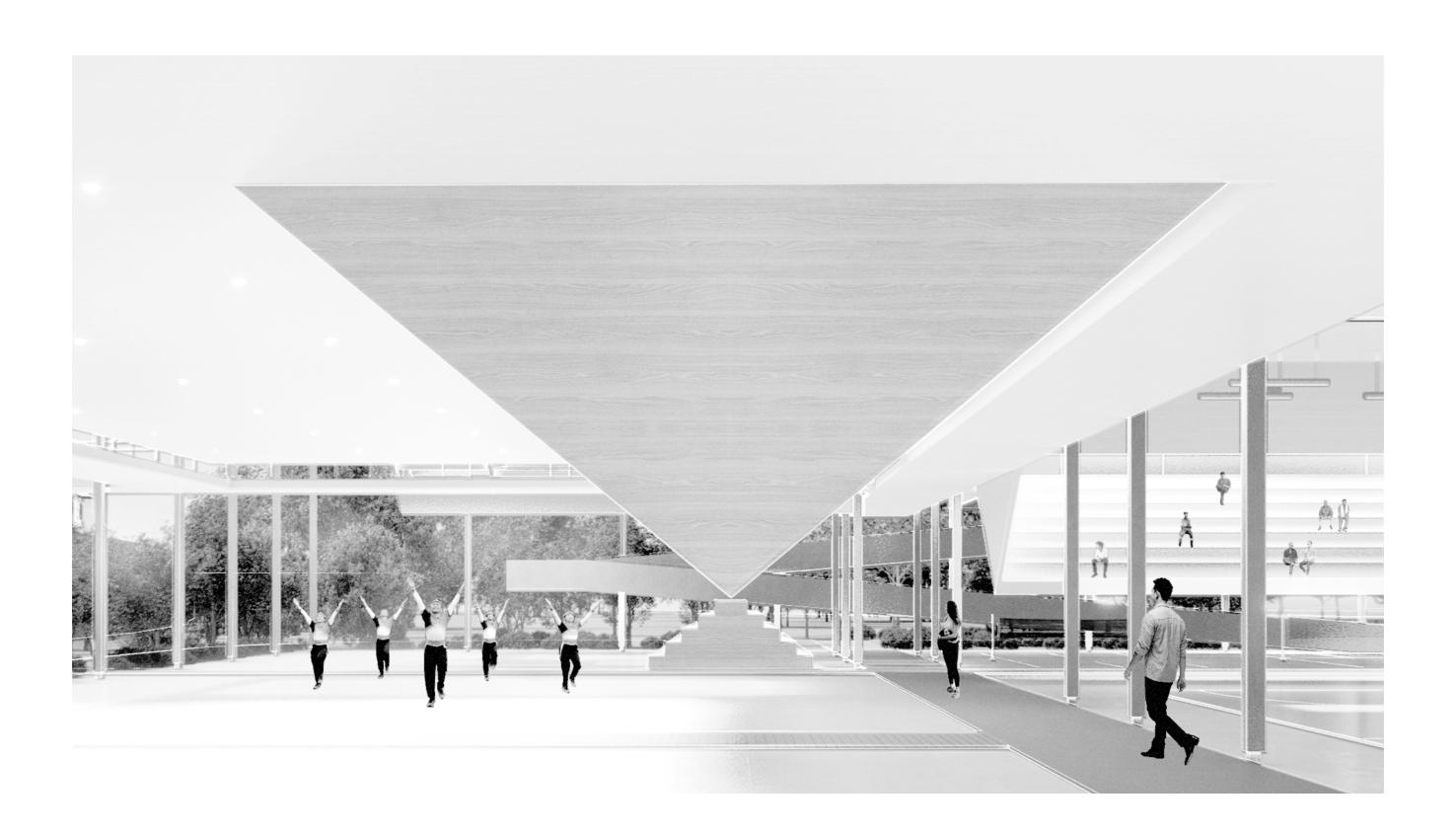








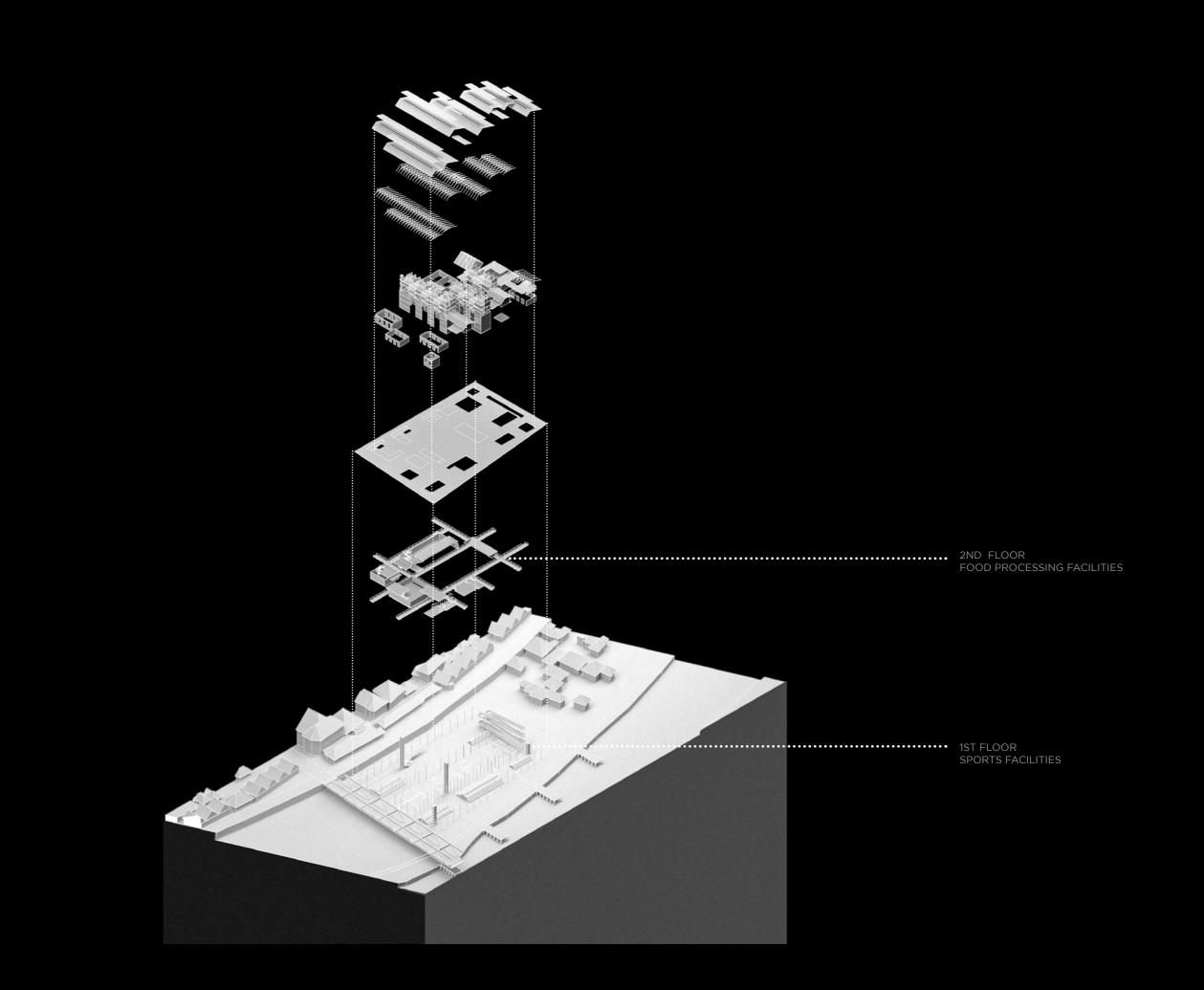


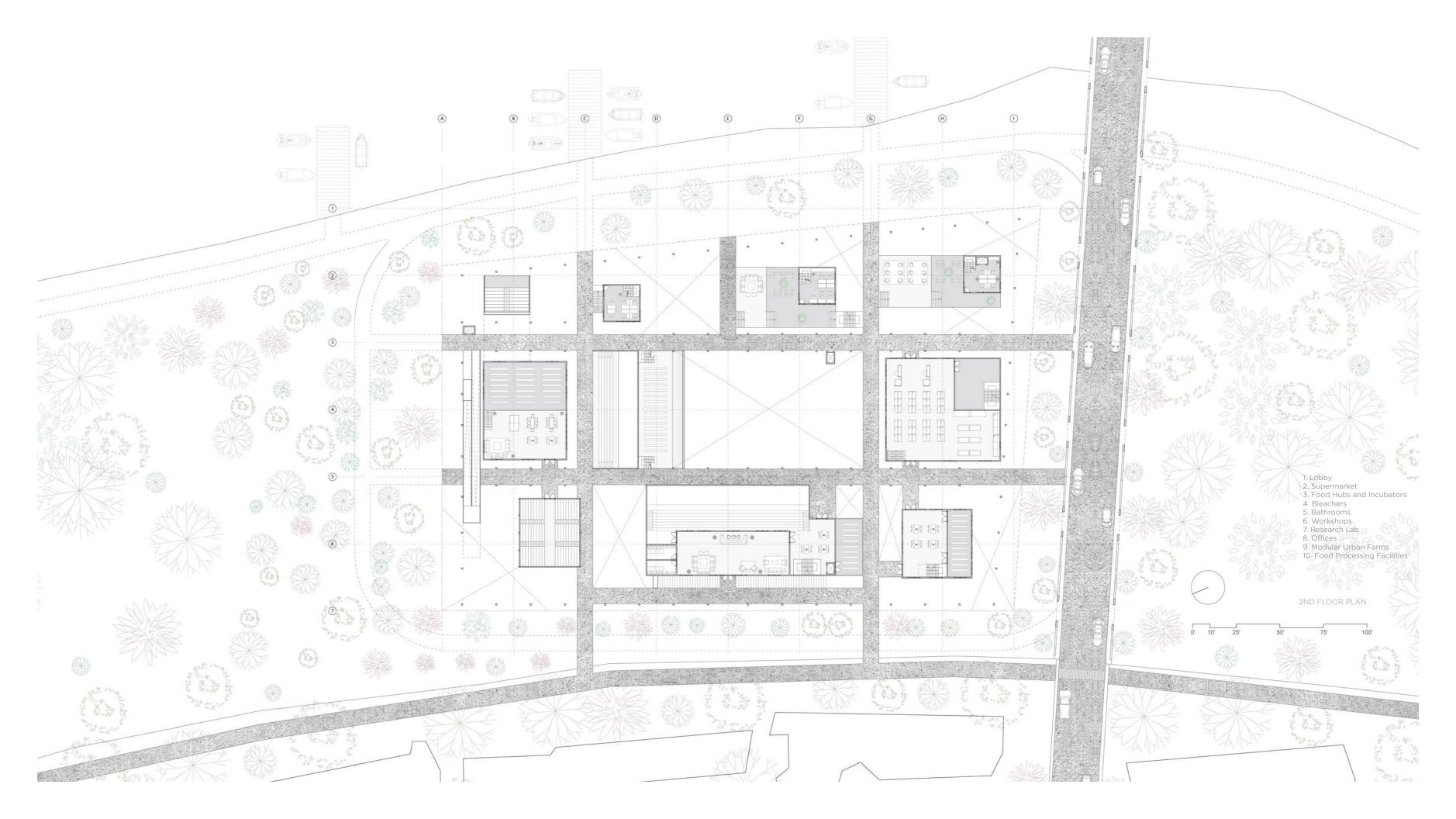






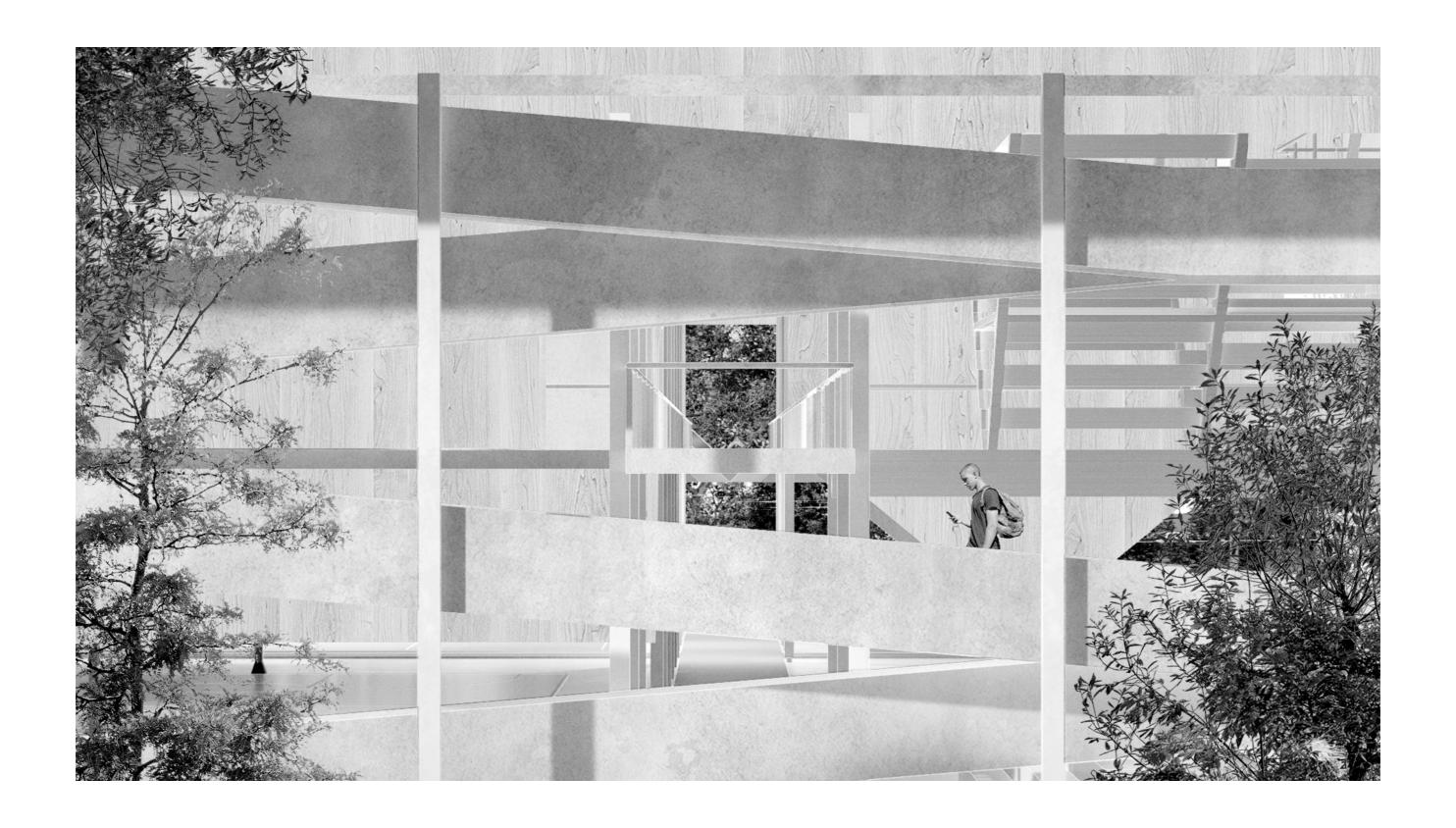


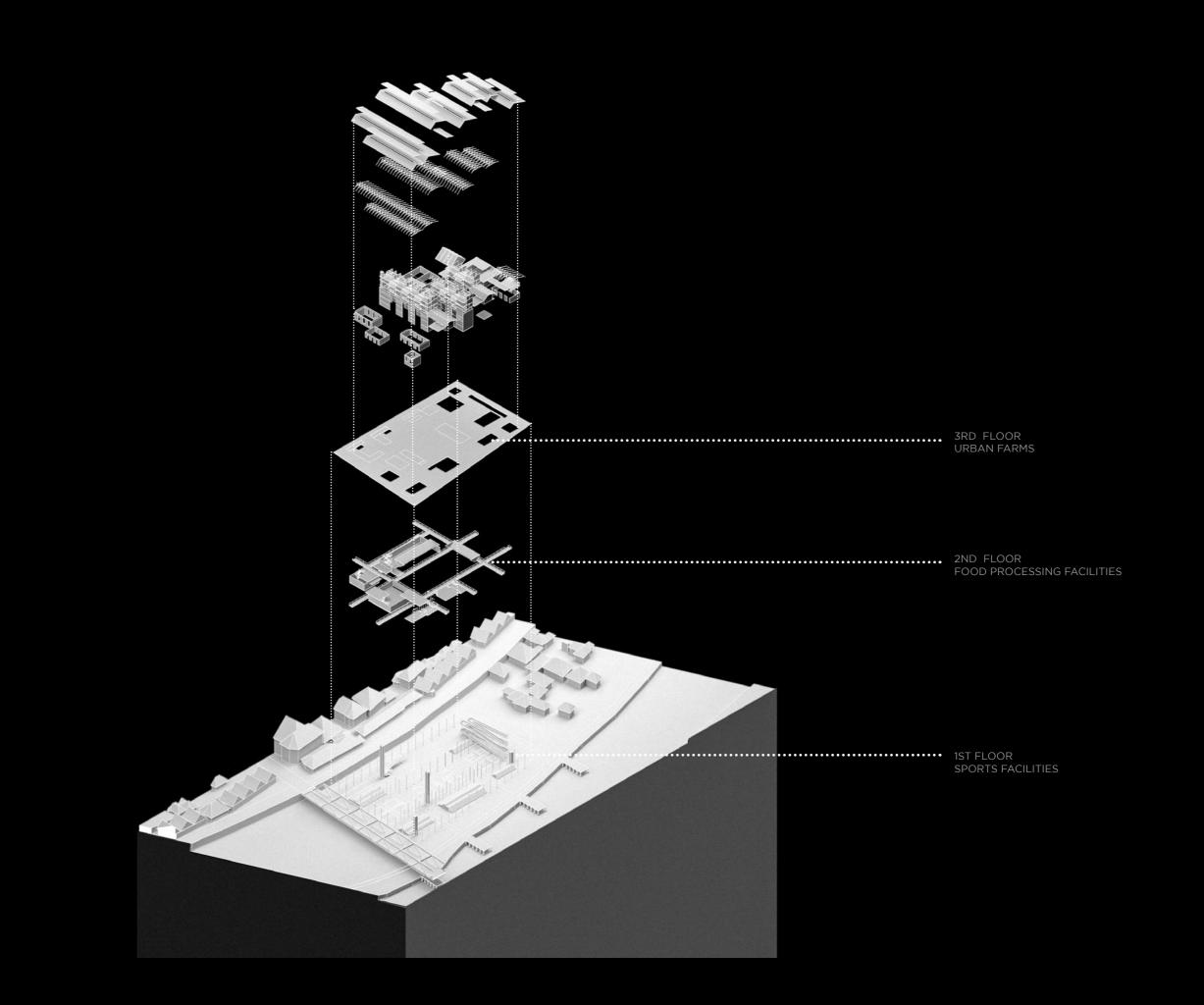














- Housing
 Storage
 Research Facilities

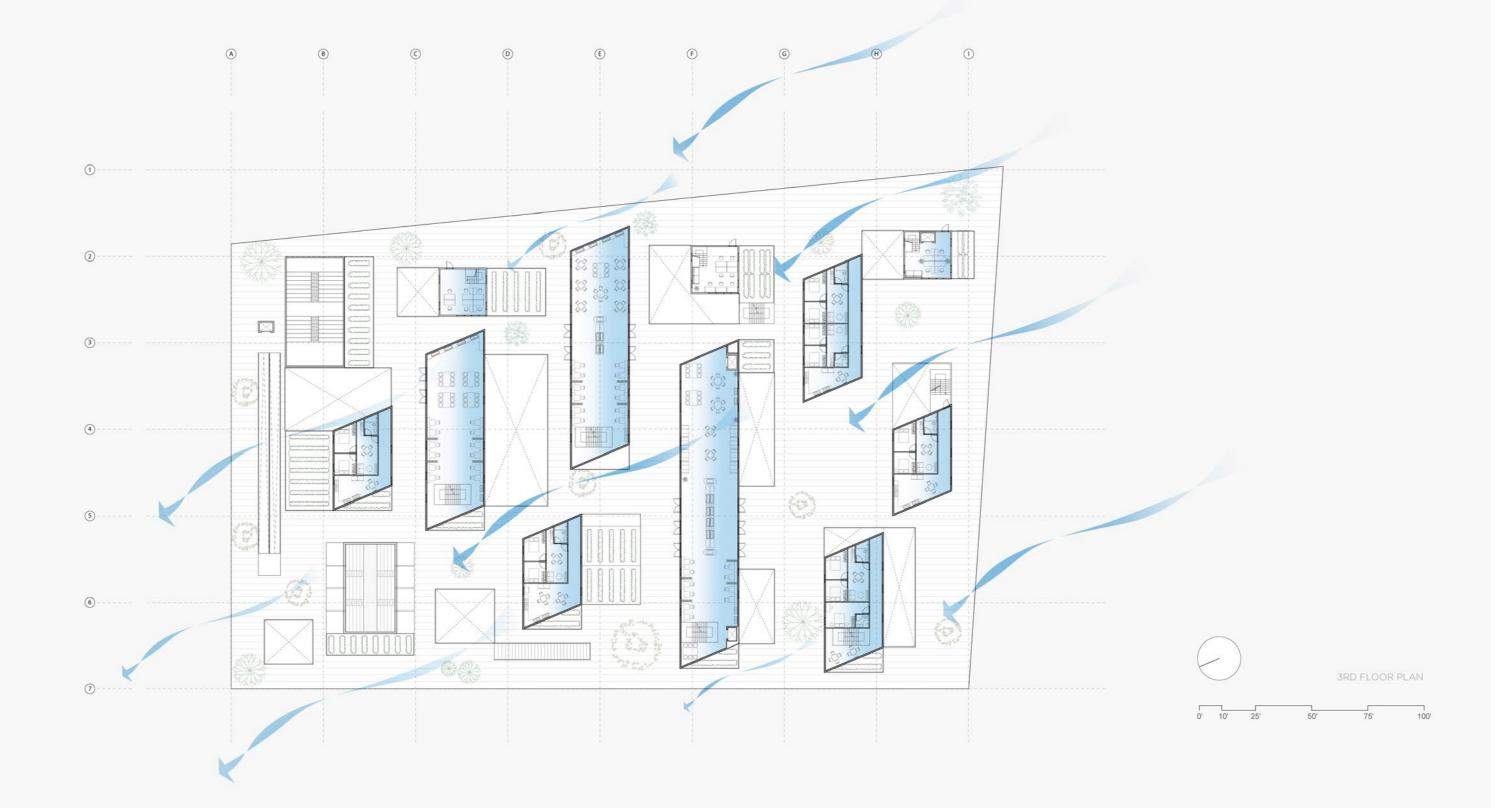
- 4. Urban Farm
 5. Communal Open Space
 6. Communal Kitchen
 7. Ramp
 8. Stairs







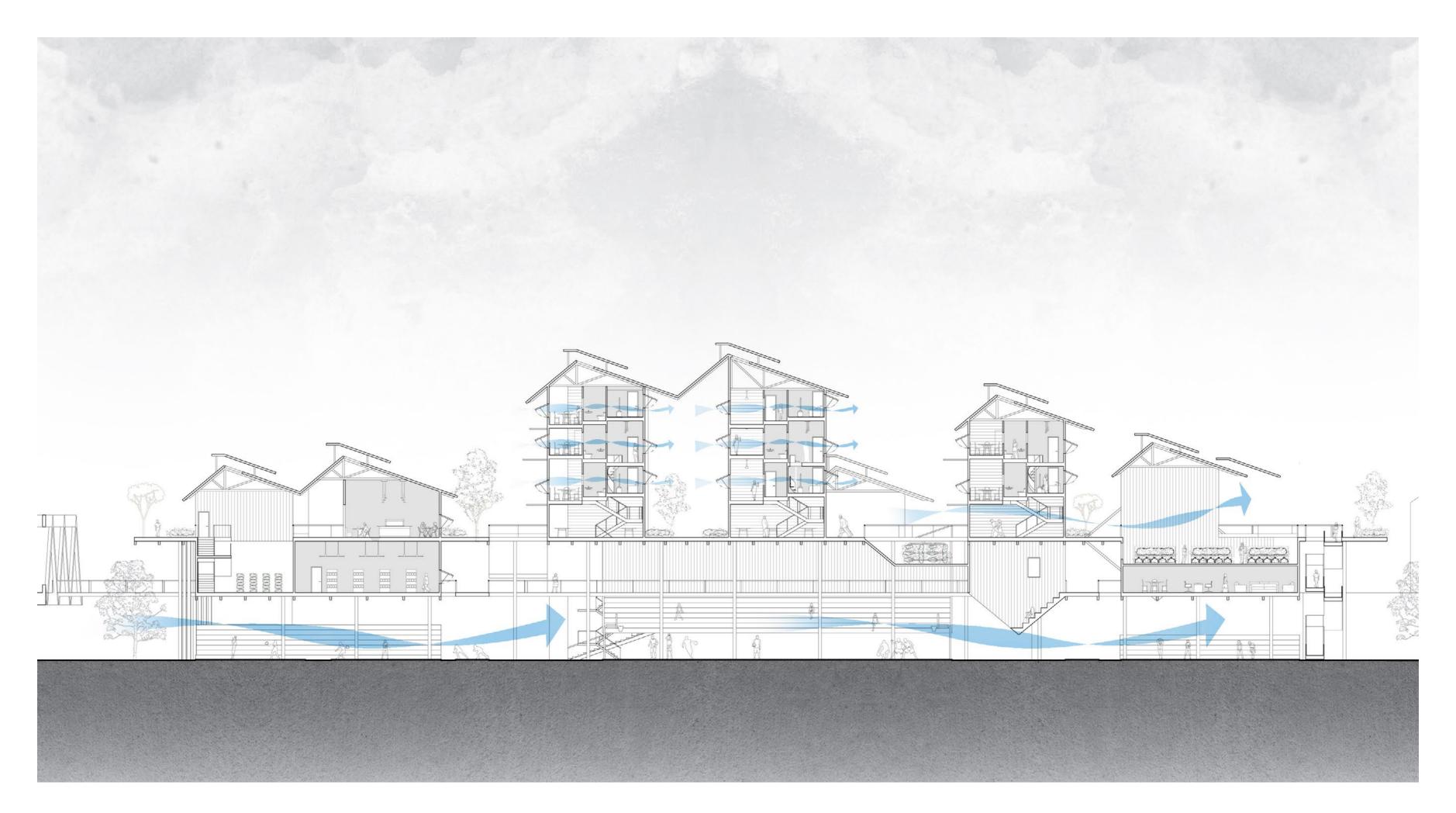


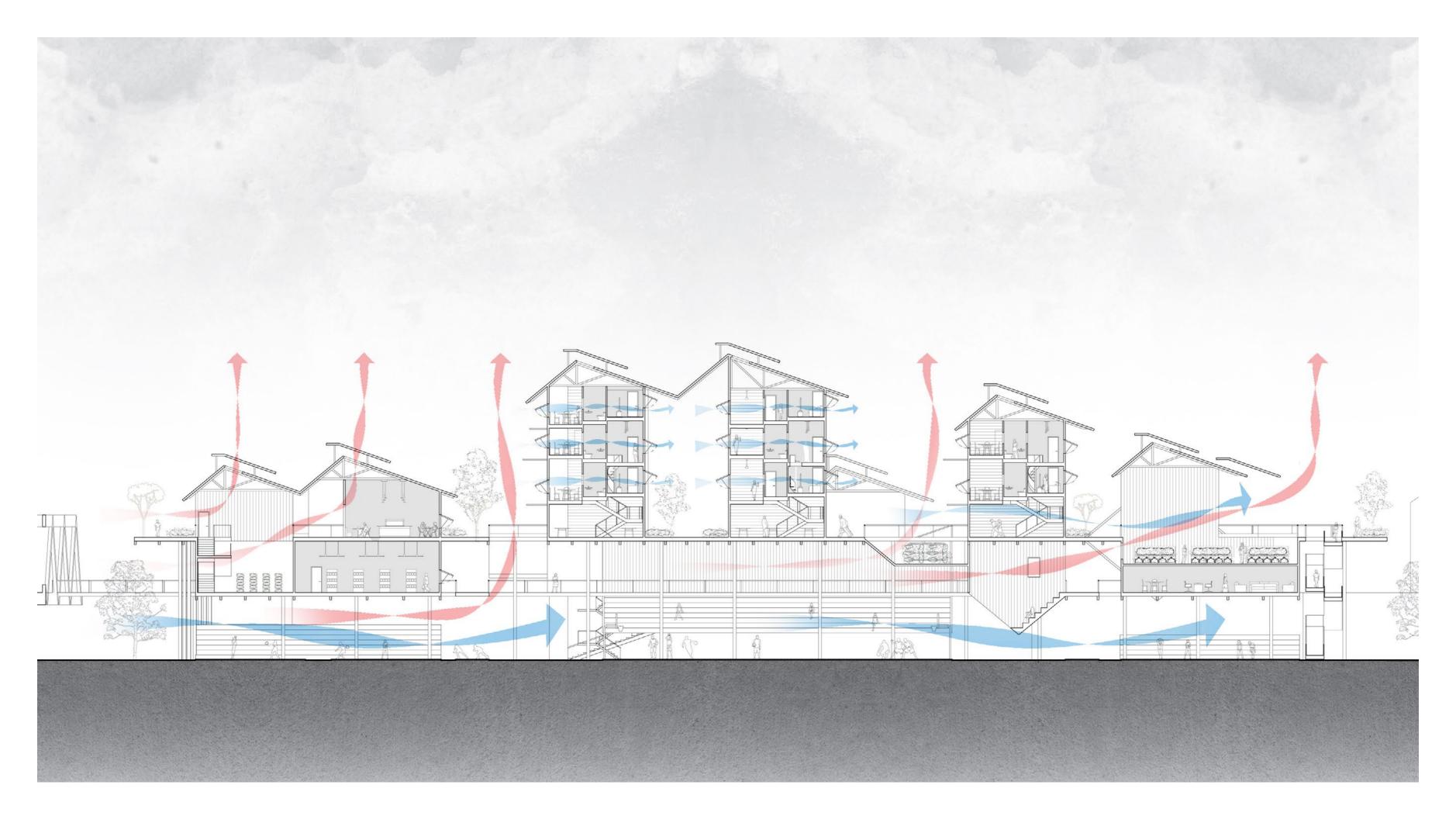


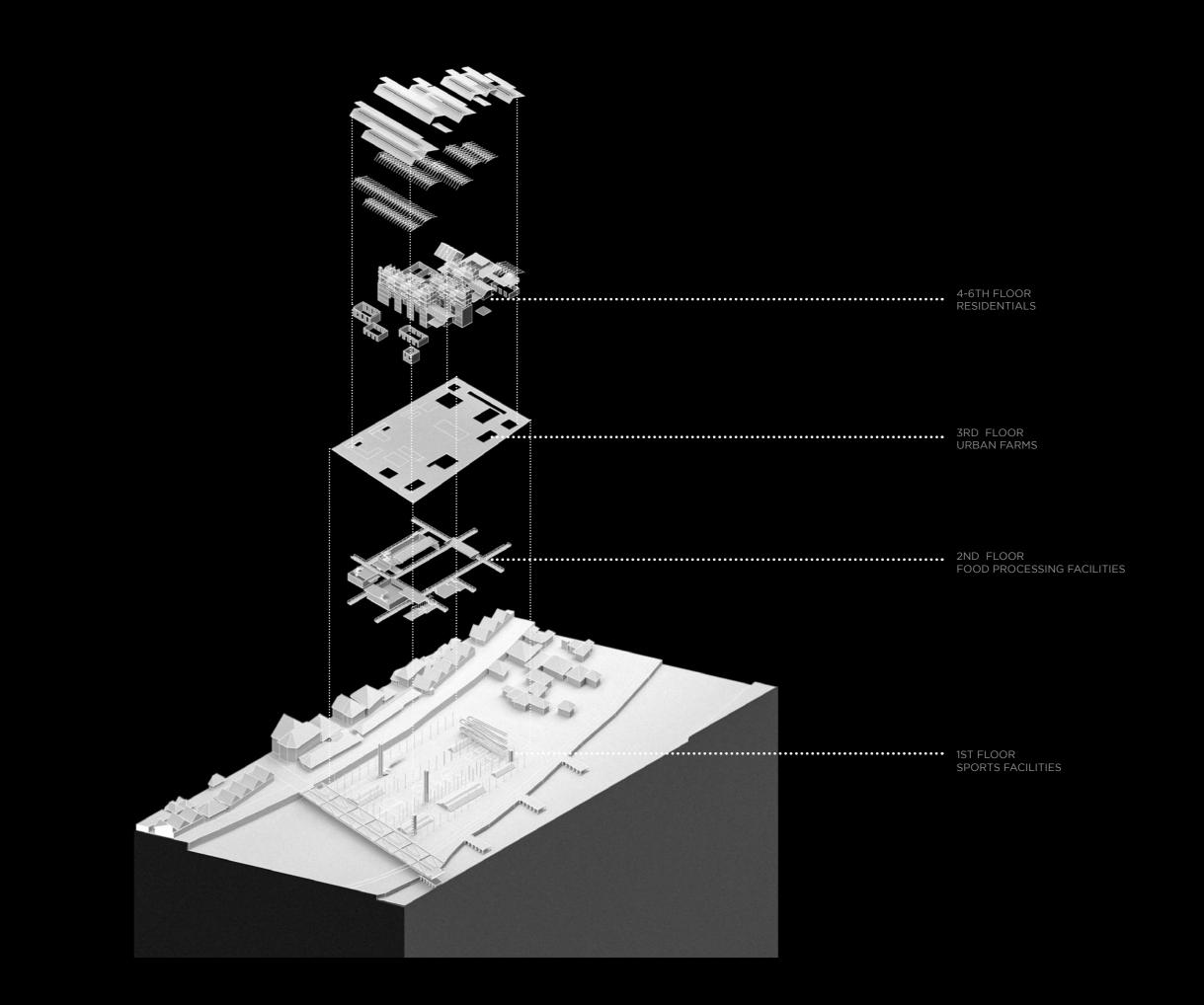


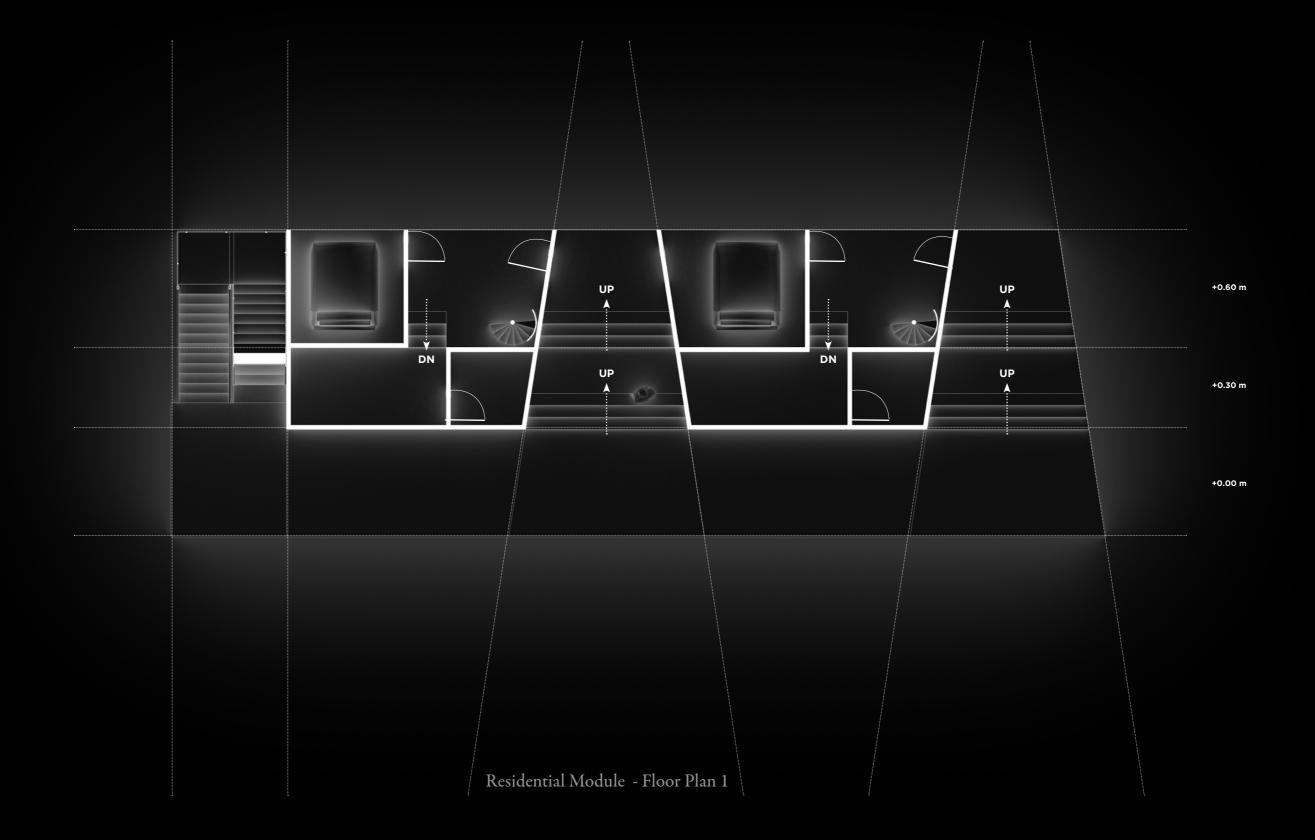


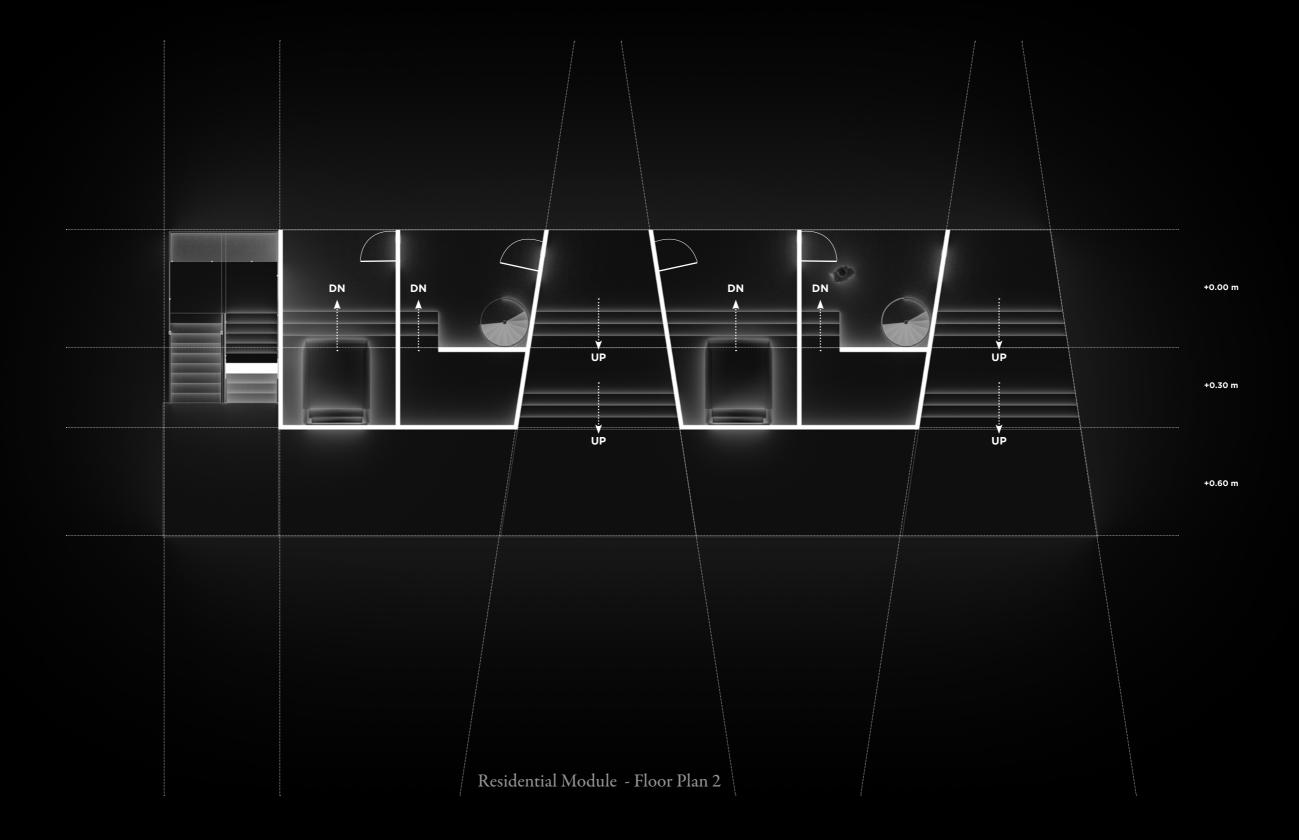


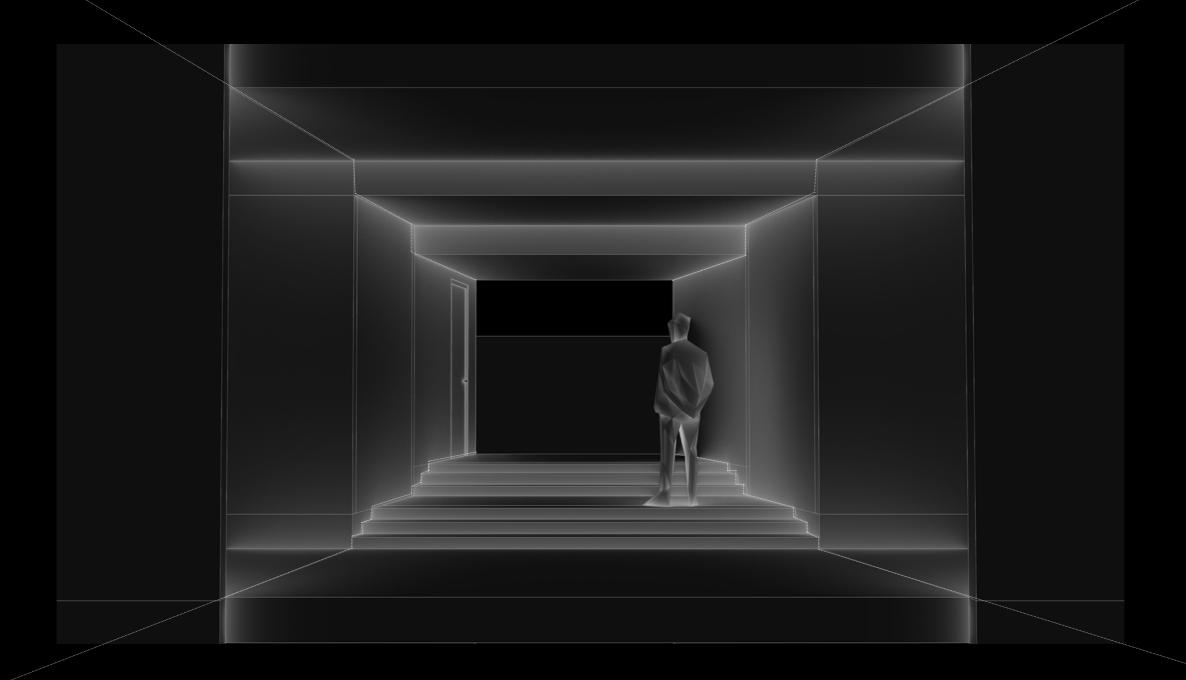




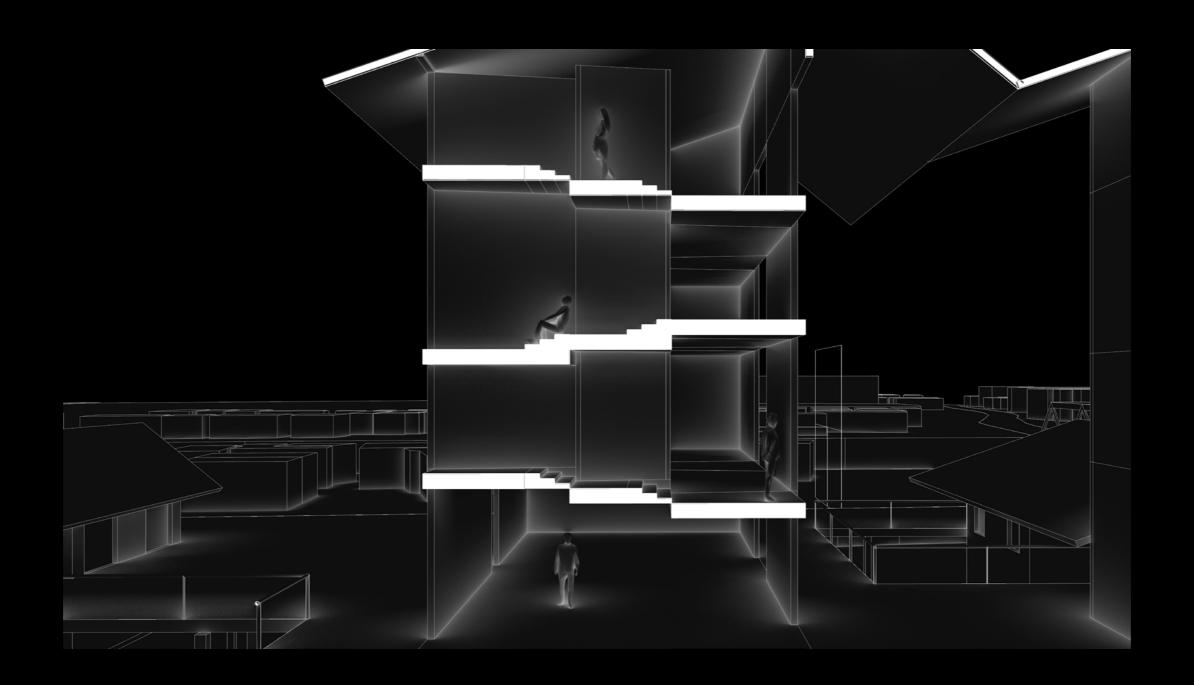




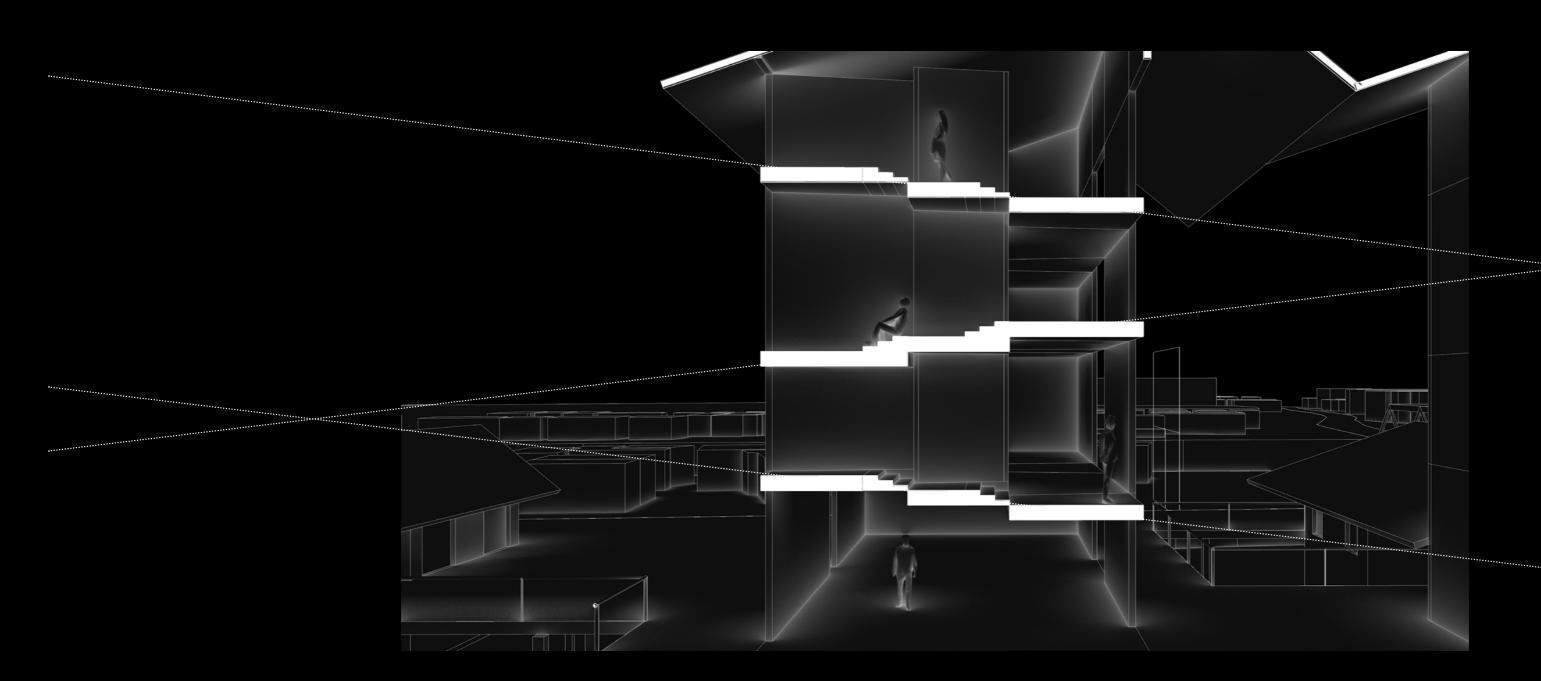




Perspective View - Venturi Breezeway



Section - Venturi Brezzeway



Section - Venturi Brezzeway



Section - Apartment Unit - Stepping interior Creating Venturi Breezeway

