

Aggregation schemes for multiple plots.

## **Exploring the concept of home.**

What is my home? Is it where I grew up? The place that made me who I am? Home is intricately tied to emotional well-being and the roots we establish. It goes beyond bricks and mortar; it is where we find solace, form our identities and cherish memories. However, for those who lack a residence, it is not merely the absence of material possessions, but also a profound sense of exclusion and social disengagement that they endure. This lead us to ask ourselves, what do we, as architects, have within out reach and which role do we take in this changing world?

## Architectural vision: Embracing public spaces.

Our architectural vision centers around creating a communal heart within the house—a central outdoor living space where the family gathers for dining, relaxation, socializing, cooking, and studying. Understanding the Nigerian preference for communal living and sharing, we made this central space the spine of our design. It offers shade from the sun while retaining an open, outdoor ambiance, providing residents with a place to come together. This is where life happens, where a sense of home is nurtured.

**RAISED FLOORING** 

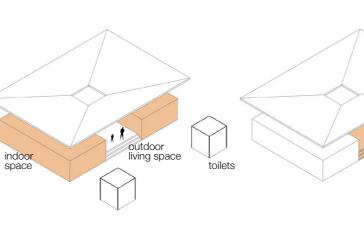
## **Design solutions: Meeting three vital** challenges.

1. Self-Supply Water Distribution Network: In a region lacking urban water systems, we developed an inverted hipped roof that serves the impluvium. The rainwater collection system provides essential water resources, ensuring sustainability.

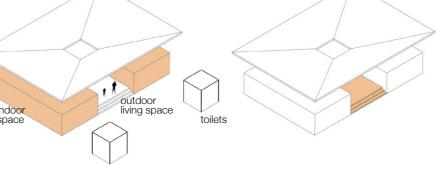
2. Severe Weather Conditions: Nigeria's climate presents flooding and strong winds. We've elevated the house structure to counter floods and incorporated a separated roof design for enhanced cross-ventilation. The façade acts as a protective barrier against abrasive wind conditions, ensuring safety and comfort for residents.

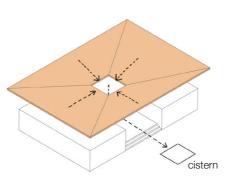
3. Fencing: Security is paramount, especially in crisis-affected areas. We integrated safety measures without compromising the communal living space's open feel, creating a house that offers not just shelter but assures the well-being of its occupants.

By addressing these three key challenges, our vision seeks to consolidate the role of architecture as a force for social equity and human rights, recognizing that every individual, regardless of their circumstances, deserves a place to call home.

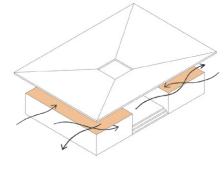


**CORE MODULES** 

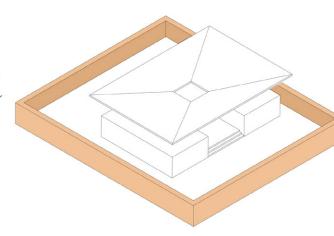




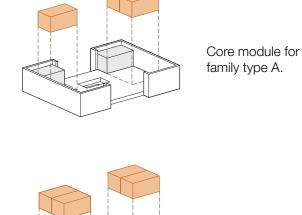
WATER IMPLUVIUM

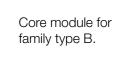


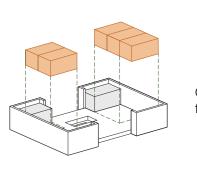
**CROSSED VENTILATION** 



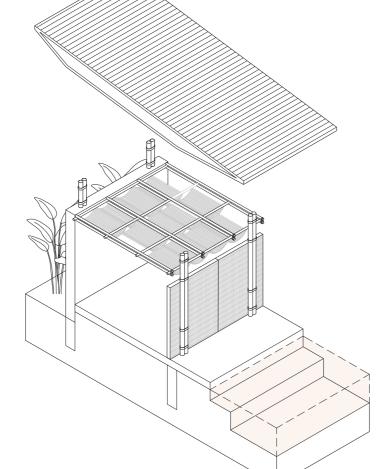
**FENCING SOLUTION** 



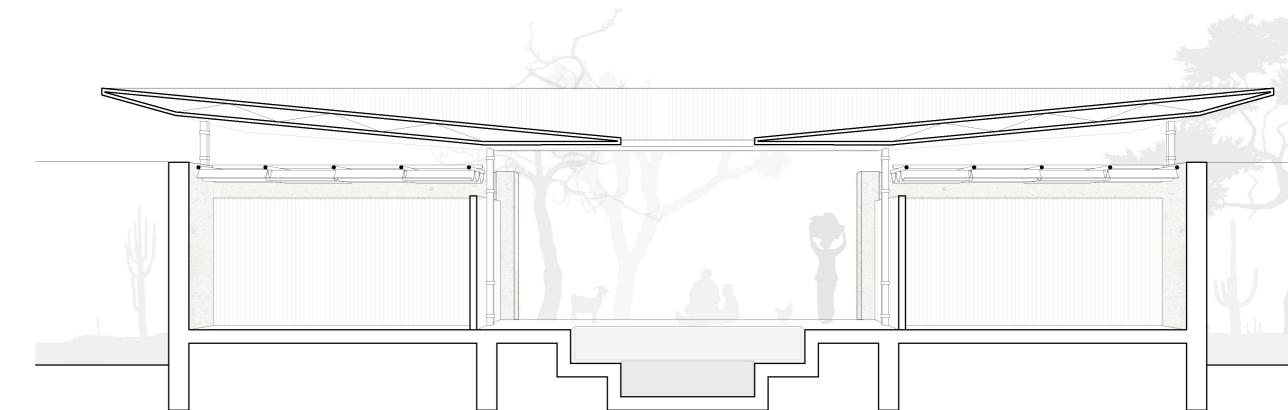




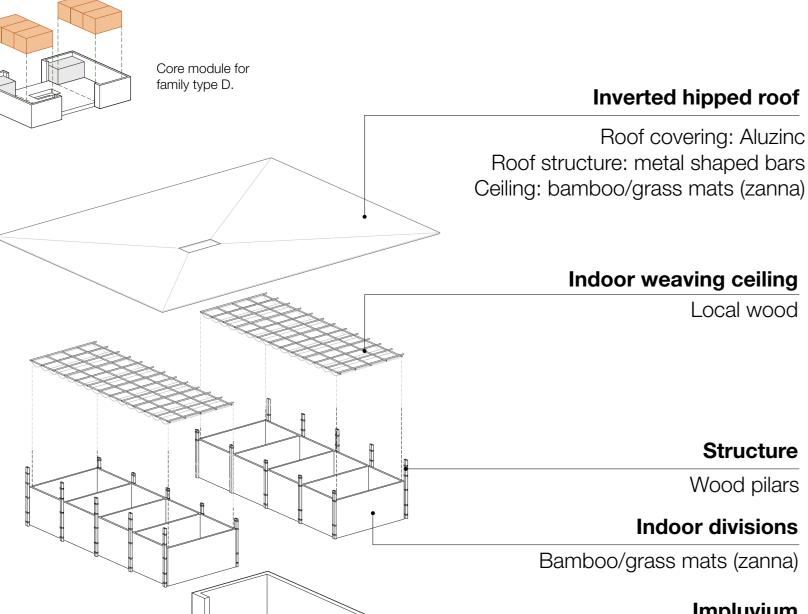
Core module for family type C.



Technical detail



Section A-A \_ Longitudinal 1:50



Wood pilars

Bamboo/grass mats (zanna)

**Impluvium** Water receptacle

> **Flooring** Sand-cement

**Exterior walls** Mud layers (banibani)

