



The proposal aims to address three essential challenges, which define the spatial organization, construction choices, and the passive strategies adopted, namely:



climate

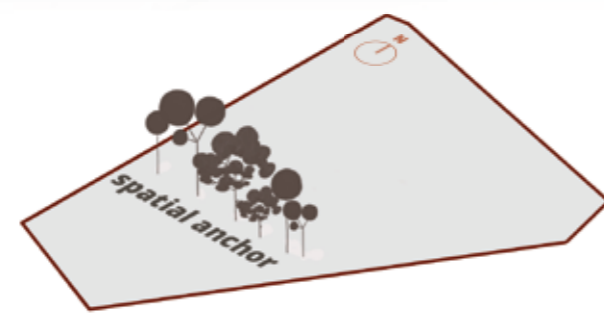


low-cost

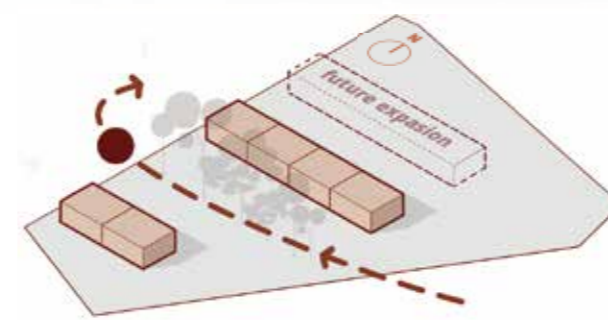


easy to build

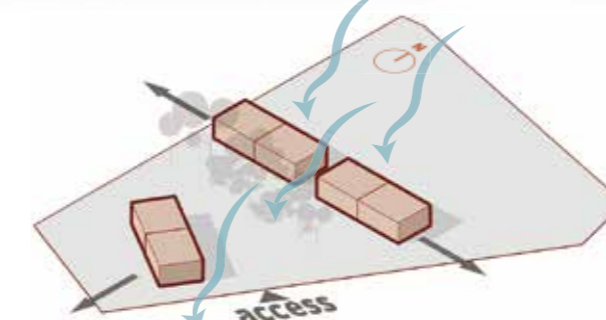
A modular system based on the block itself defines the spaces, openings, and structural logic. Once a single module is learned, its repetition enables the construction of the entire school, as well as new buildings, proposing a way of building rooted in locally available materials and techniques.



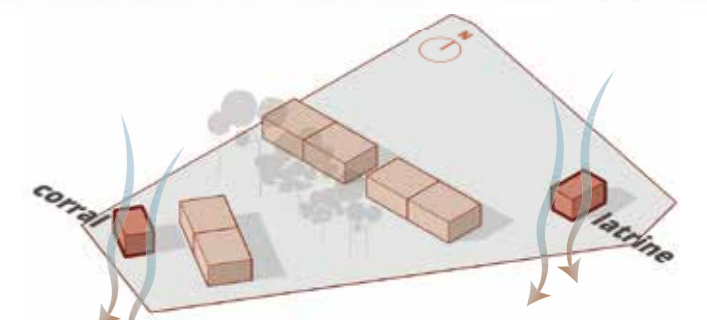
site
the existing tree mass becomes a structuring element of the design strategy



form and orientation
passive strategy to optimize the facades with lower solar exposure, north and south.

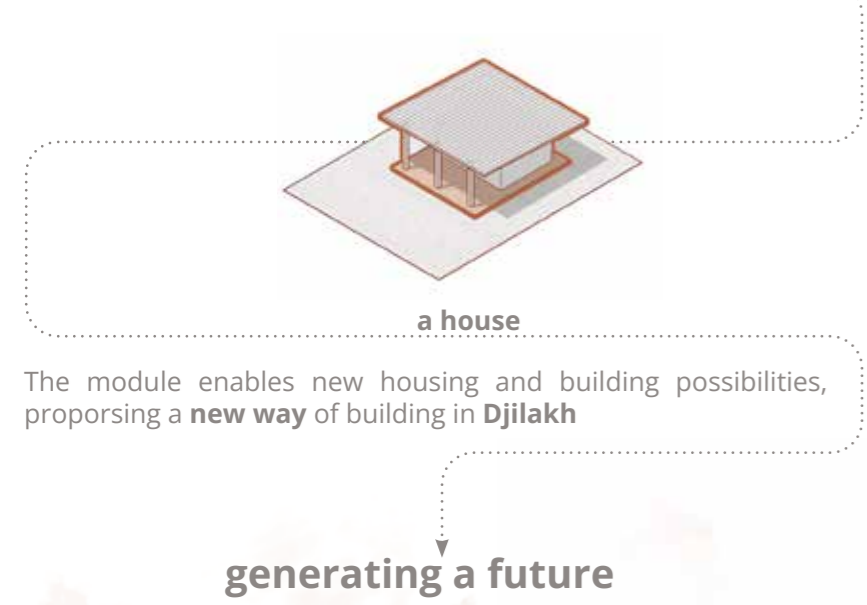
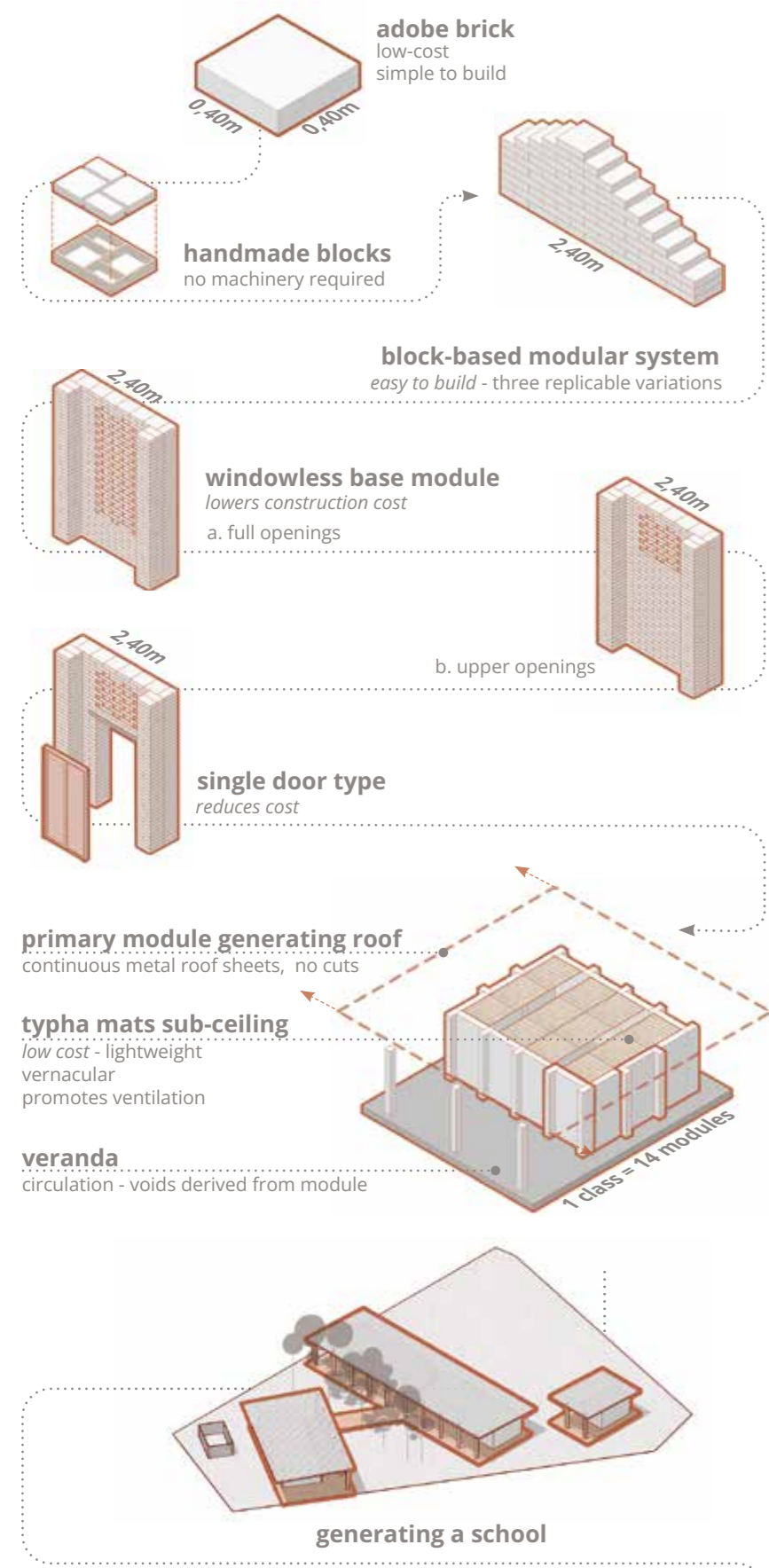


spatial organization
the two-module block arrangement expands facade exposure - strengthens cross-ventilation



sanitation strategy
spaces that generate odors are positioned at the extremities of site

CONSTRUCTION SYSTEM



CONSTRUCTION PROCESS

