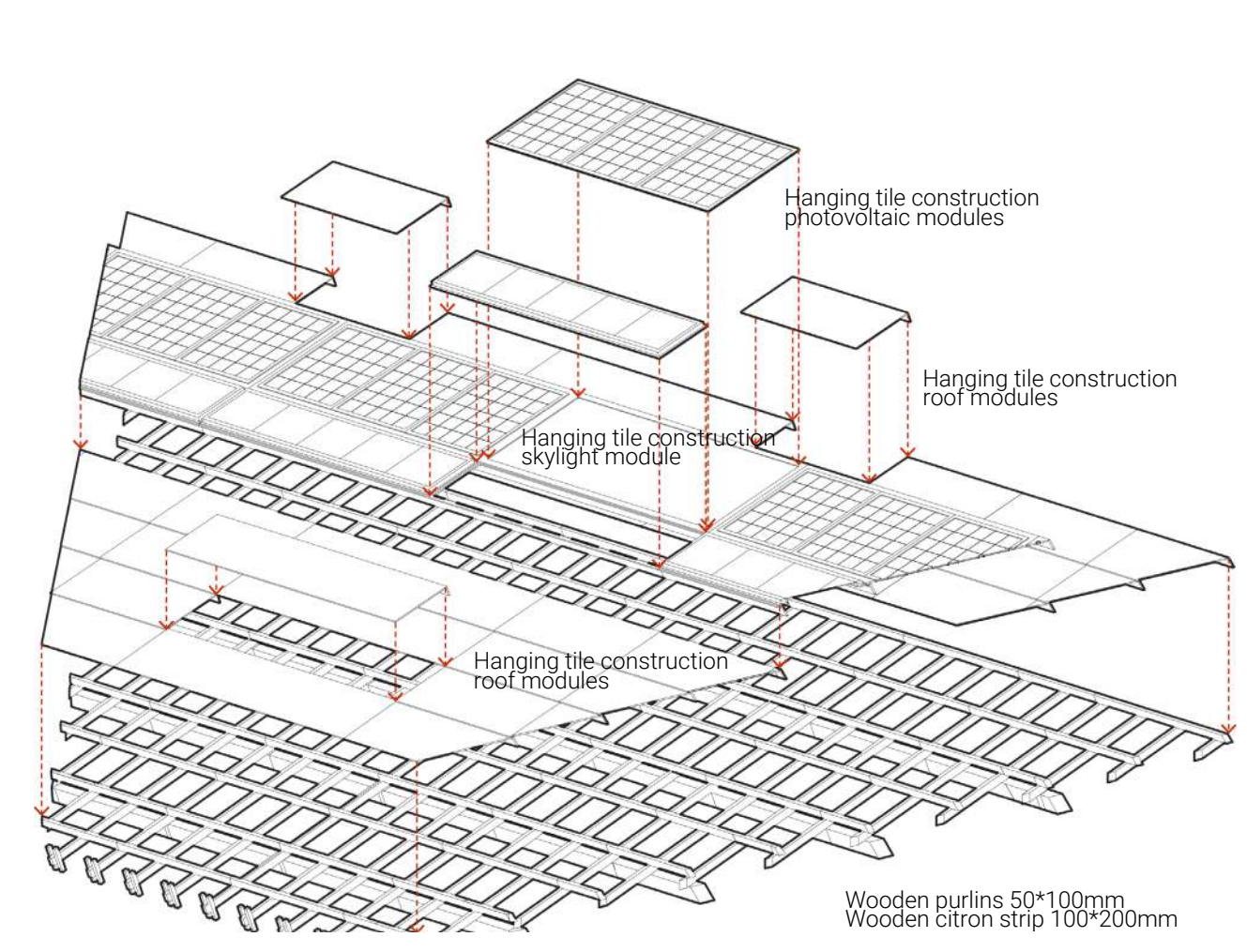


Details. The Roof

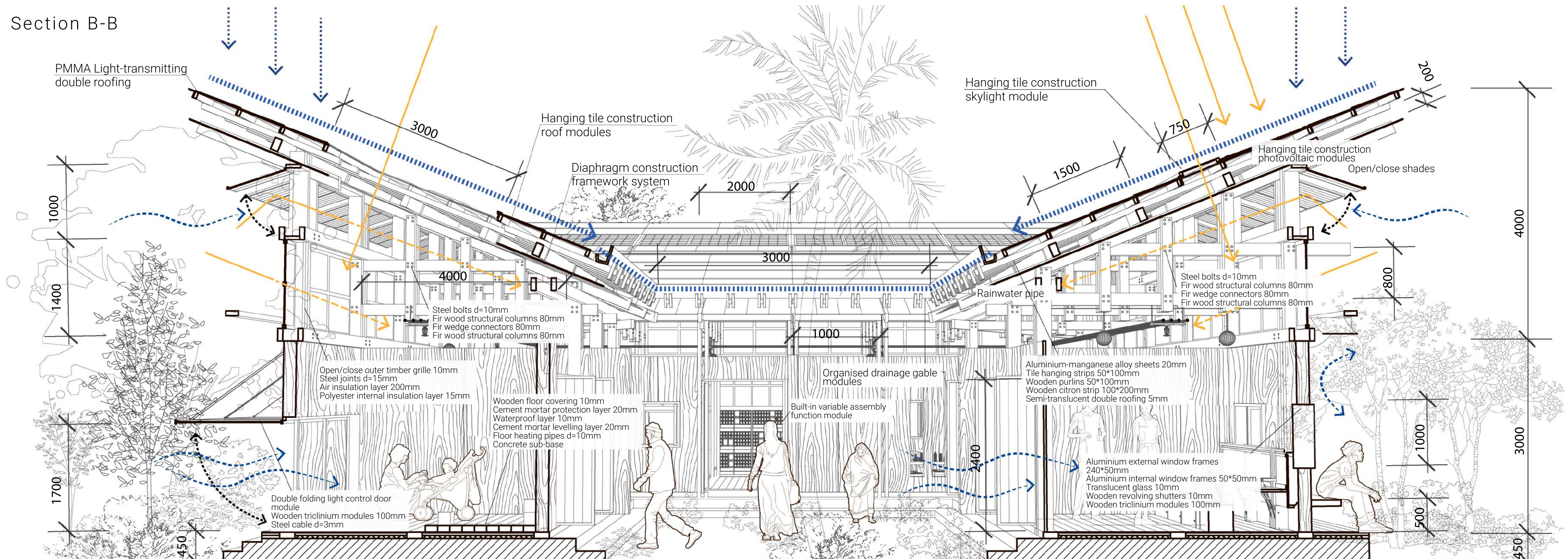
The building has been transformed from an integrated building to a modular, free-assembled building under a monolithic roof, while at the same time responding to the form of the site.



Temperature-adapted tile roofing modules

In-ground tile construction ensures that the tiles are installed and waterproofed

Section B-B



Tsuga chinensis

Chinese endemic tree species with straight grain, fine structure, durable, and resistant to water and moisture.



Marble

White limestone with black patterns from Dali, Yunnan Province, mainly used for walls, floors, tables, and columns in buildings.



Betula alnoides

Grows in southern Yunnan and Tsimshatsui Ridge, Hainan Island, China, with low production costs and strong growth characteristics.

Structure	Material	Source of material	Reuse of material	Life span
Outer Roof	Hanging steel	Recycled steel	reused into steel products	70-80 years
Interior Roof	Polyester fiber	Recycled plastic	reused into secondary polyester	40 years
Wall	Waterproof wood	Local plant	reused as roof and wall	25-35 years
Beams&Column	Wood	Local plant	reused as structure and wall	40 years
Platform	Concrete	Sand&Stone&Cement	crushed and reused as aggregate	60 years