

Review/Revive Neo Nordic

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Breeze

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Photos by Joakim Züger
& Michael Kaack
BARKS Projects





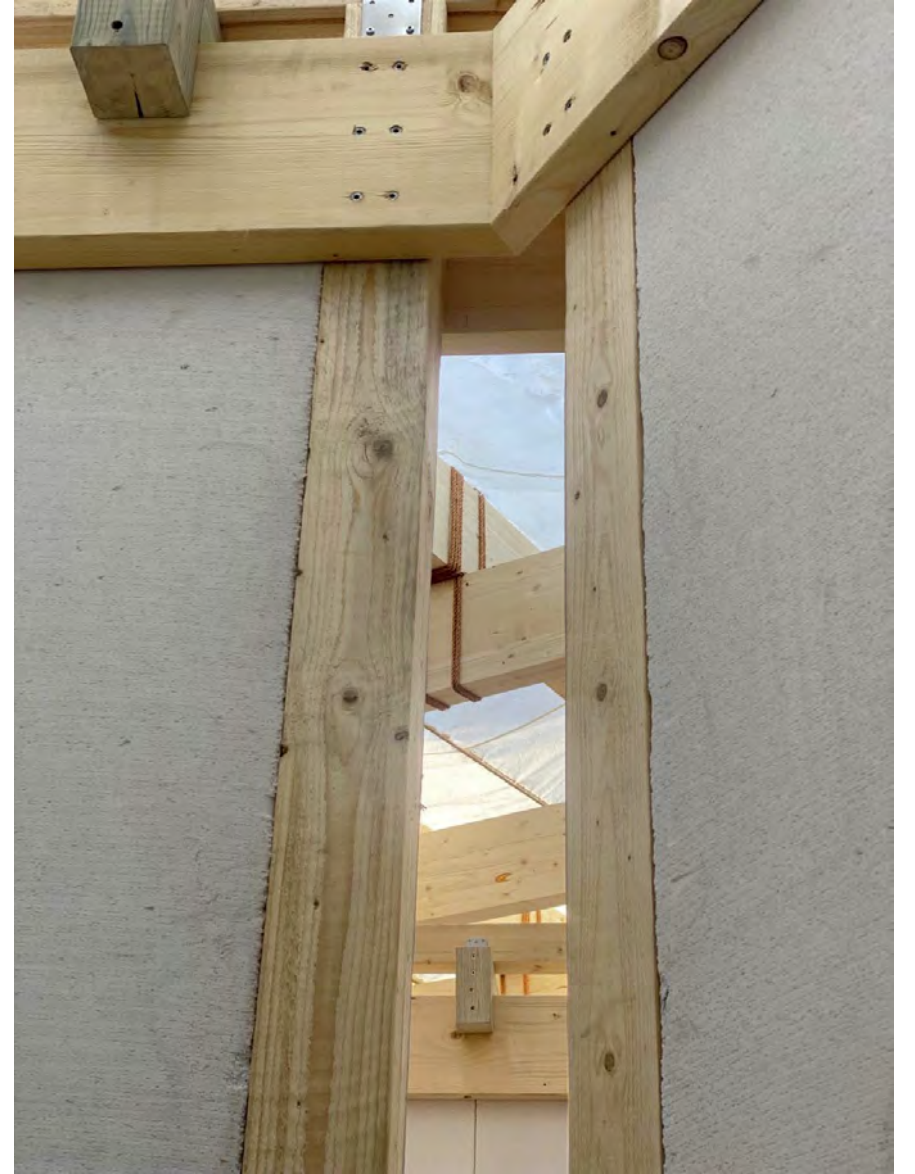




CHART Pavillon 2014

pihlmann & lenschow

Art Hub Copenhagen

pihlmann architects



House 14a

pihlmann architects



THORAVEJ 29

pihlmann architects



Star Homes*

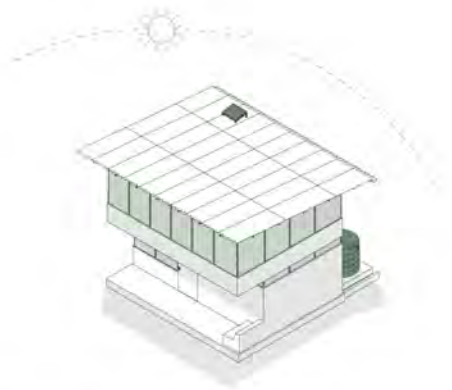
Ingvartsen Architects and Hanako Foundation







HEALTH INTERVENTIONS



CLIMATIC DESIGN
The house is orientated to provide optimal shading throughout the day. Rainwater collection and a solar panel offer key amenities and ensure minimal operational costs over the lifespan of the house.



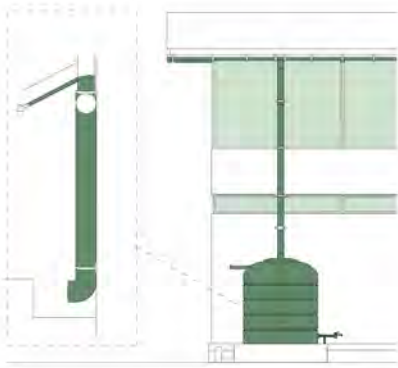
SCREENING OUT VECTORS
Screening openings minimises the intrusion of insects, with an aim to reduce the vector-borne diseases such as malaria and dengue fever. Two self-closing doors protect the sleeping area.



SAFER SLEEPING
Large permeable façades increase ventilation and decrease concentrated odour plumes which attract mosquitos. This reduces night-time temperature in the bedrooms by around 2.5 degrees and encourages bednet use.



HEALTHIER COOKING
Respiratory illness is an acute problem for women and children in Sub-Saharan Africa. A smokeless stove and well ventilated cooking area aims to improve indoor air quality. Surfaces are easily cleanable surfaces and raised ground floor.



CLEANER WATER
Rainwater tanks are screened to reduce vector entry and breeding in the tank. A 'first flush' system to minimise dirty water from the roof entering the SIM tank.



FLY - PROOF LATRINE
The latrine utilises a self-closing toilet pan and screened ventilation pipe to reduce flies breeding in the latrine pit. The latrine also provides a private area for the family to wash.



ACCESSIBLE FOR ALL
A child gate and low handrails help prevent children and the elderly falling on the stairs. The house also includes solar-powered lighting and a USB phone charger.



FIRE SAFETY
The house is designed to be safe in the event of a fire. This strategy combines fire-retardant materials and an escape panel on the first floor to ensure the family can exit the building quickly.