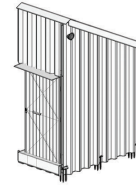
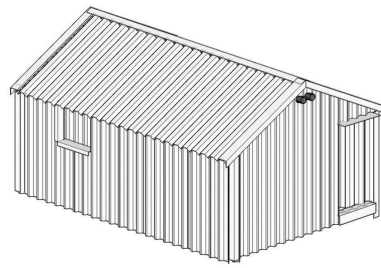


Transitional Shelter (T-Shelter) Design for Azraq Camp, Jordan



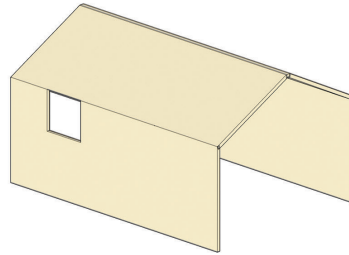
This is the main diagram showing the T-Shelter design, with the possibility of adding a side entrance for enhanced privacy. The 3D section into the shelter reveals the steel structure, insulation, plastic sheeting and concrete flooring behind the external metal cladding.

External and internal metal cladding and flashing

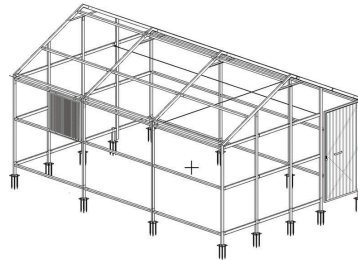


Side entrance extension for enhanced privacy (optional)

Aluminum foam insulation



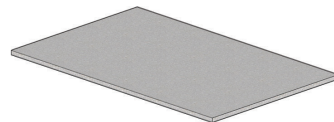
Interlocking steel structure



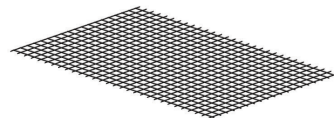
Plastic sheeting (internal roofing)



Concrete flooring

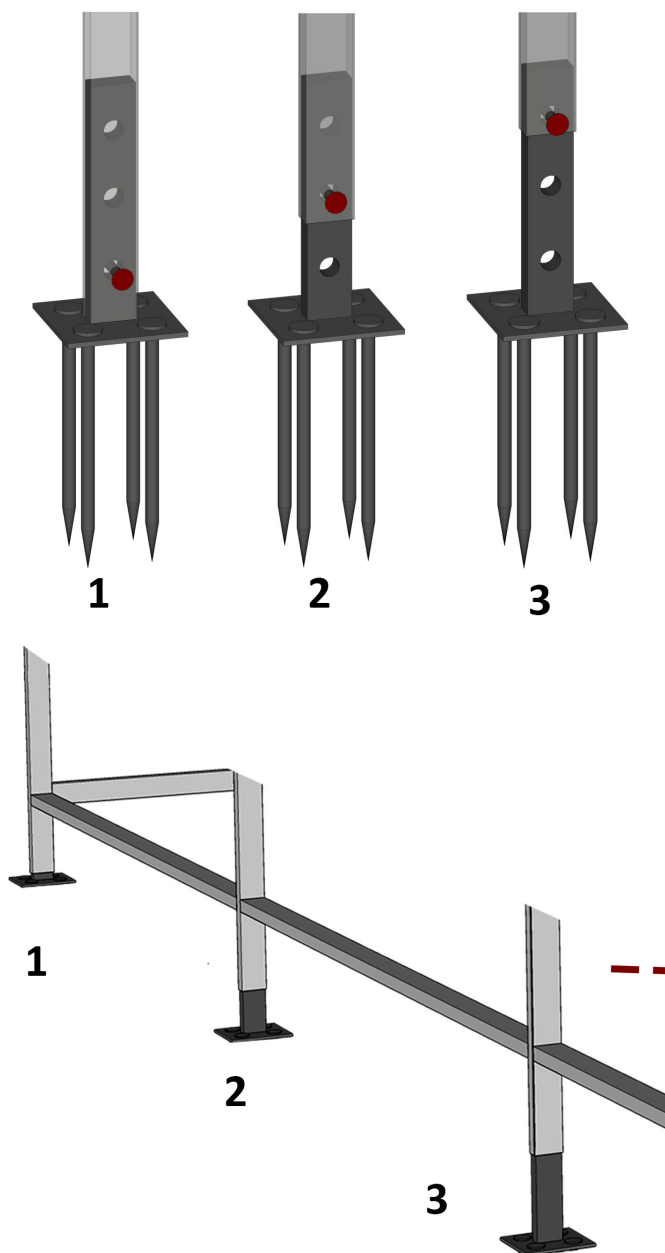


Metal rebar



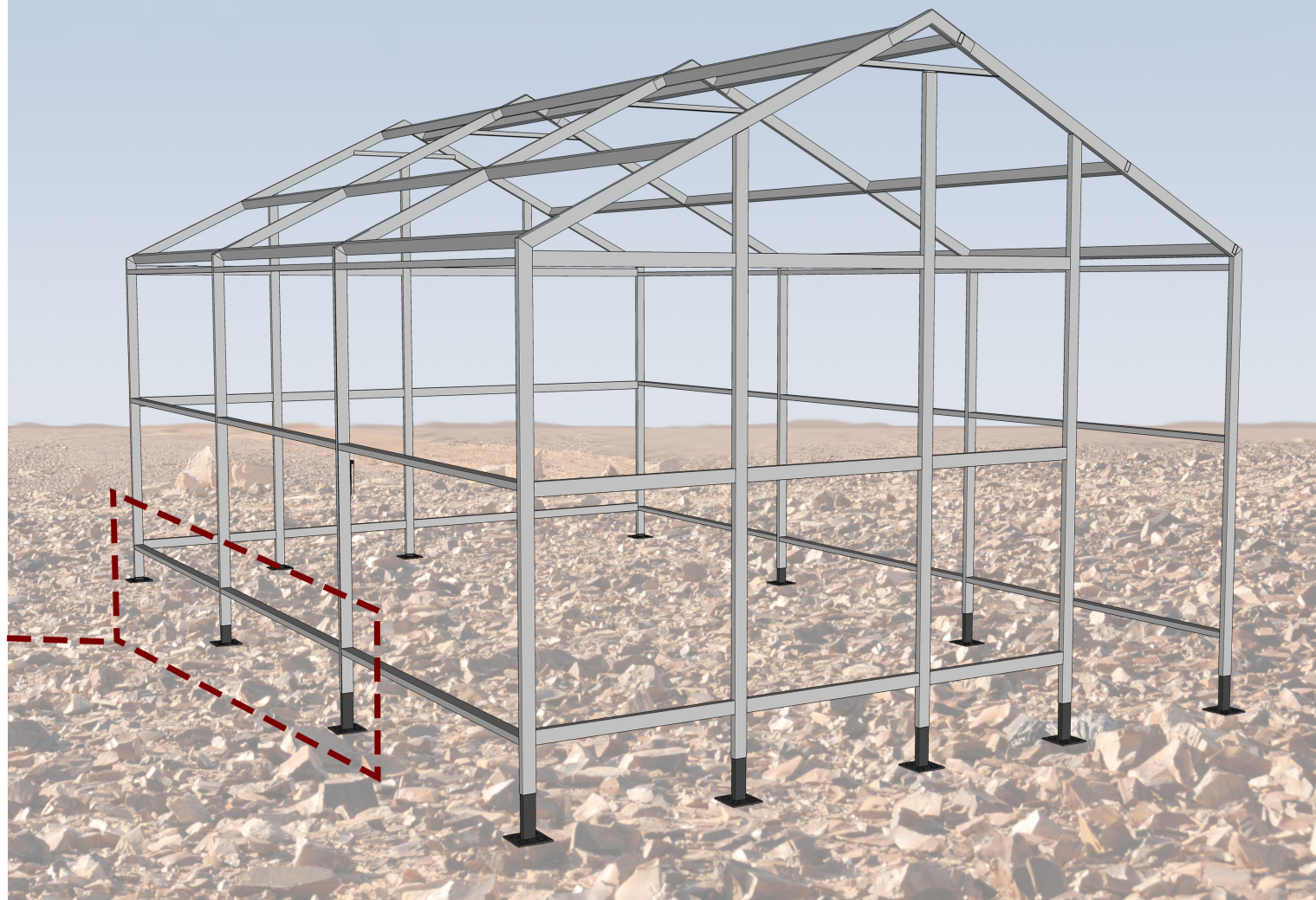
Layers Model

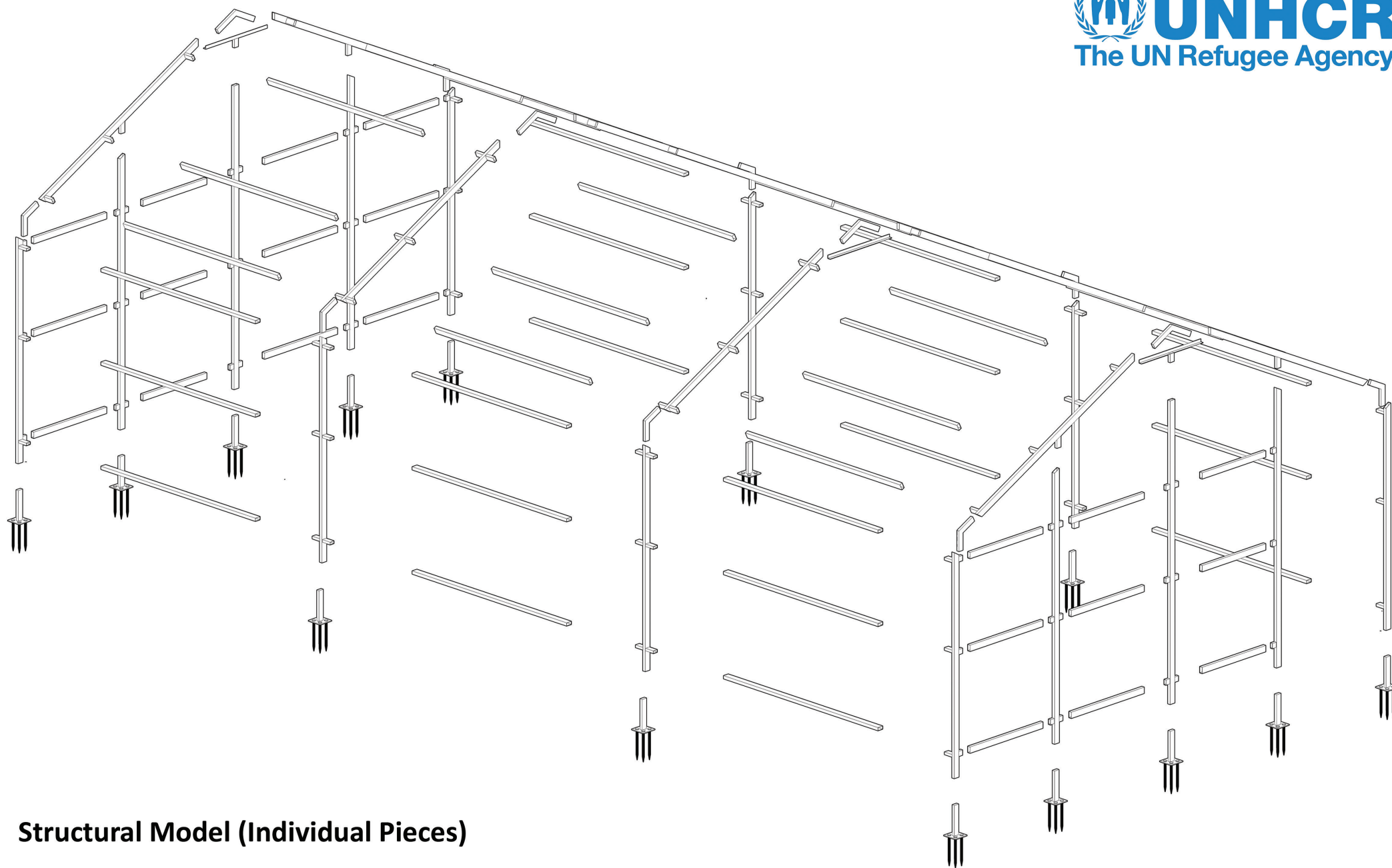
Clarifying the different layers of the T-Shelter, this diagram shows its six main components: cladding, insulation, steel structure, plastic sheeting, concrete flooring, and steel rebar.



Adjustable Footings

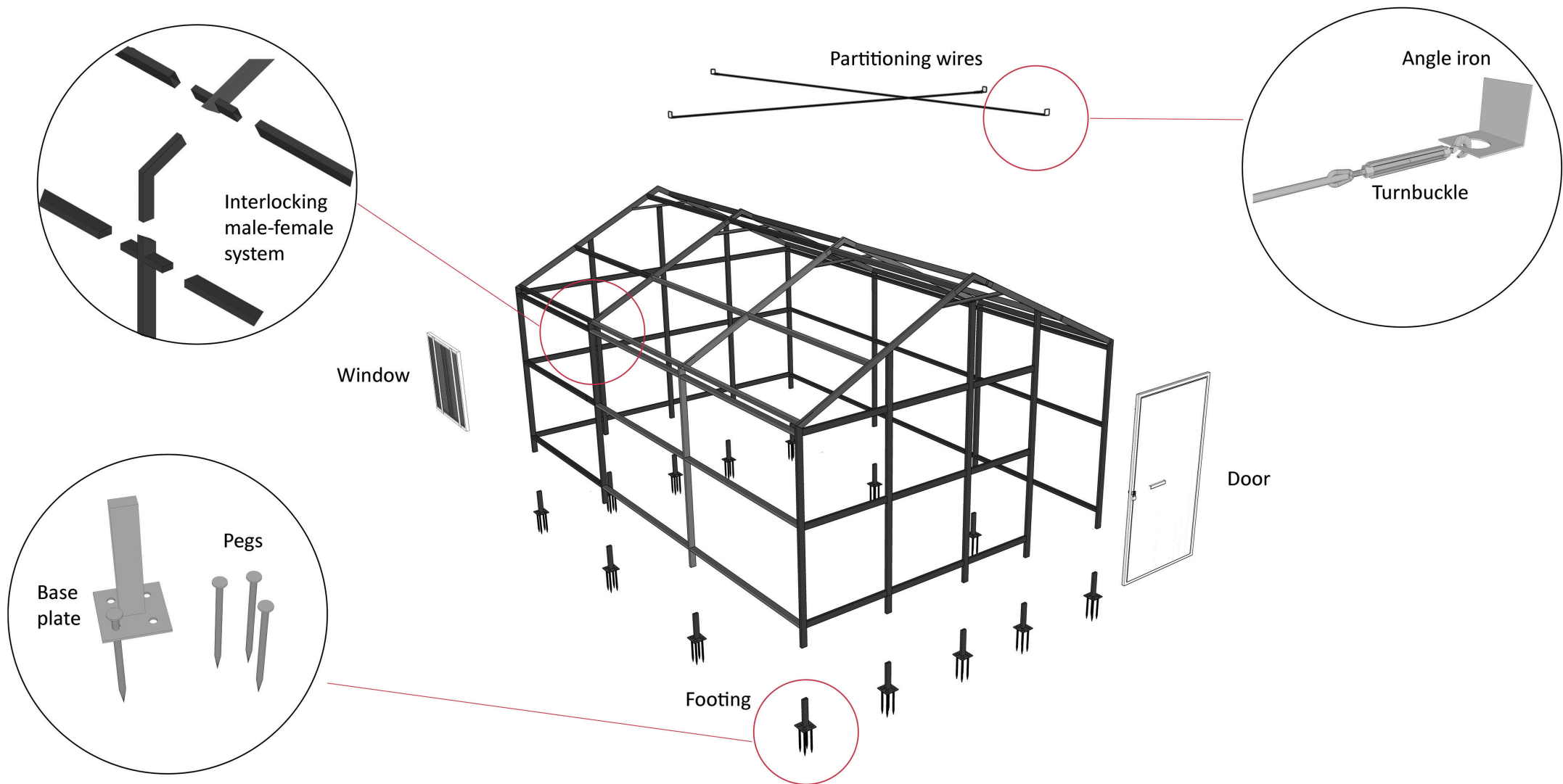
The T-Shelter is fitted with adjustable footings that can be fixed at different heights in order to level the structure on sloped land, minimizing the need for ground excavation.





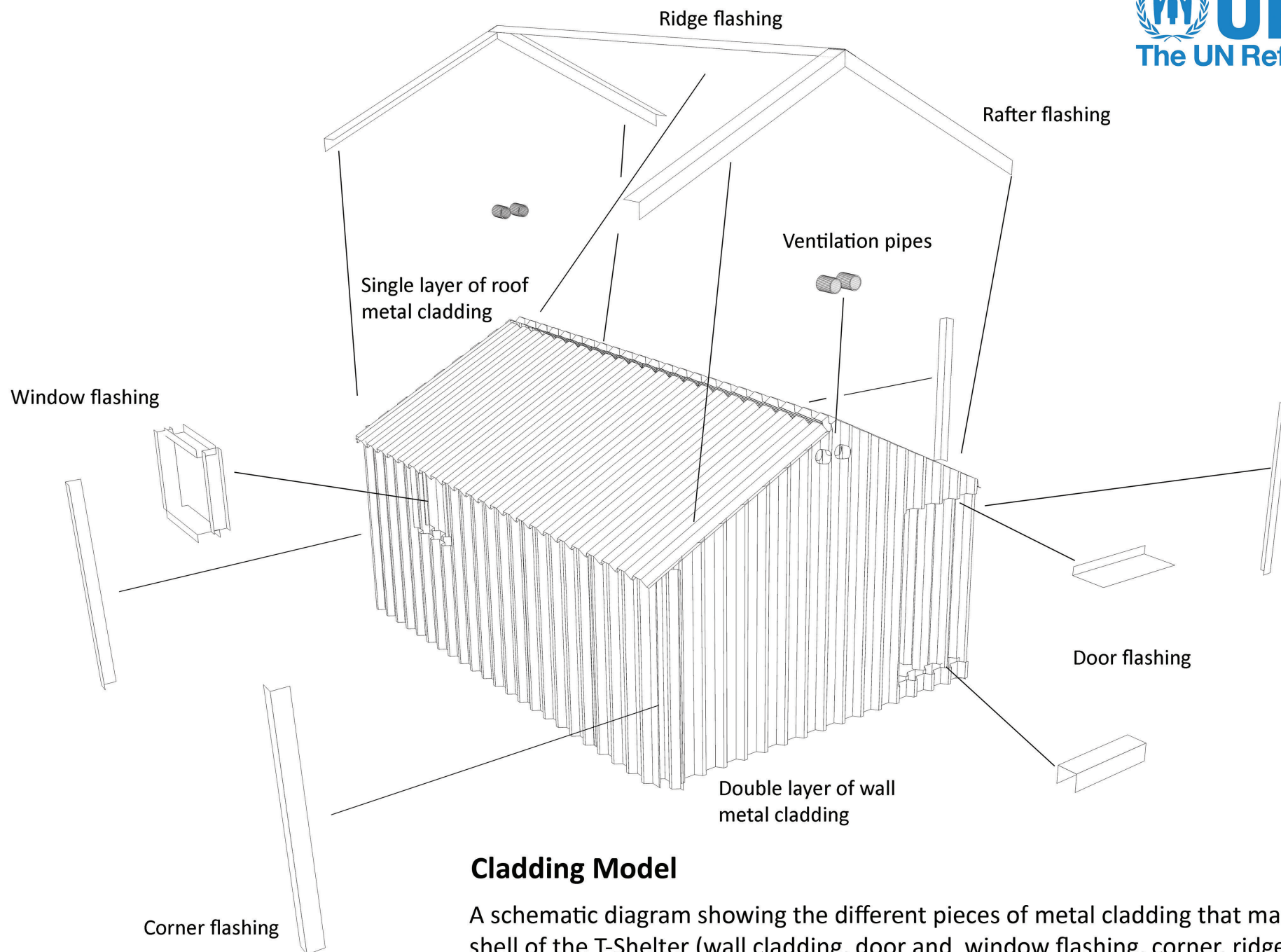
Structural Model (Individual Pieces)

An exploded axonometric diagram of the steel structure, showing all the male and female pieces that make up the T-Shelter.



Structural Model

This diagram shows the steel skeleton of the T-Shelter, including the door, window, partitioning wires, and footings.



Cladding Model

A schematic diagram showing the different pieces of metal cladding that make up the outer shell of the T-Shelter (wall cladding, door and window flashing, corner, ridge, and rafter flashing, and the ventilation pipes that fit into openings of the wall cladding.)