In an honest servitude, we must allow ourselves to be entirely incomplete. We must set aside a part of ourselves that reacts to, empathizes with, and is filled by those we serve. The REFLEX medical unit is an impressionable architecture which reacts to location, culture, and the people it serves.
The Port of Singapore handles over 23 million inter-modal containers each year.
Empowering the community.

The exterior portion of REFLEX consists of a system of wooden frames that are inserted into steel tracks. The people of the community then clad the exterior using local materials and methods, creating a unit that caters to directly to the culture it arrives in, encouraging users to feel comfortable and proud. In each rendering, you will see elements that reflect local building methods. Once clad and subsequently relocated, the panels can either retain their cladding and stored in the container for shipping, or new panels can easily be fashioned with lumber at the next site.
1. The REFLEX container arrives at the site entirely self-contained. The telescoping steel ribcage resides between the container doors and the insulated, conditioned space during shipping.

2. The frame easily slides on steel rollers. We see the intermediate braces starting to unfold also. These braces will later be locked into place by the insertion of the wooden frames into the steel tracks.

3. Fully extended, the wooden panels are inserted into the frame, providing bracing and an armature for a locally sourced cladding system.

4. Packaged within the container during shipping are solar panels, roof braces, canopies, and the ramp system. Here, the REFLEX unit is fully deployed and reflecting its temporary environment.