Inspired by the environmental conscious movement and living minimally, E2 has designed an affordable, modular, and self-sustaining living unit.

The Trekker is a 40 foot container size steel frame manufactured off site. The principle structure is made up of welded steel tubes with a six-panel infill. It has the capability of transporting anywhere on a flatbed truck.

Cladded with Shou Sugi Ban charred wooden panels and timber flooring, this open floor plan unit consists of a bedroom, bathroom, kitchen, and living space.

The floor-to-ceiling windows help illuminate the interior during the day and allow residents to connect to the environment and surroundings. Thermal solar shutters that slide horizontally or hinge away from the sidewalls to the deck area can provide shade to the living spaces.

The solar powered energy (solar panels and thermal solar panel louvers) and the bio toilet component allows this unit to be placed anywhere and can function self-sufficiently. The base of the building is raised off the ground with eight-inch diameter concrete footings in a non-invasive and easy removable manner to protect it from rising dampness.