Bus (matatu) stop with seating, shade from trees and signage

1. Bus stop and parking

The area adjacent to the highway is to serve as bus stop and public parking. Designed for matatu pick up and drop-off with 15 waiting spaces, 25 parking spaces and boda shelter for 20+ (2). Lines of trees provide shelter and shading, creating a comfortable waiting bay and environment improvement. The roads are cambered marrum with concrete kerb edges.

2. Toilets and waste collection

The WC facility is to generate income, it is equipped with toilets, showers and a waste collection and sorting facility. The latrine is a Eco Toilet with potential for biogas and fertilizer production. The hot showers utilize solar energy for heating. Water supply is from rain water harvested from the roofs. Solid waste produced on site will be collected by County service. Liquid waste will be partially managed on-site and potentially treated through a planted wetland. Grey water collection in small tanks for reuse in washing and watering site.

3. Market Stalls & Open space

The market design includes opportunity for use of re-purposed shipping containers and for covered market stalls in groups of 10. The 1st phase includes 70 covered market stalls of 3x3m and 16 container stalls. The orientation and staggering is to improve accessibility, security and constructability (including cost). Circulation provides equal opportunity and increases porosity. The central courtyard provides seating spaces shaded by trees and space for temporary open markets. Wi-Fi is proposed to cover the courtyard. The open grassy area is proposed as public park for relaxation, play and events.