

# Health Center

Health and Research Center in Tanzania

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**Location:** Tanzania

**Program:** Lab, classrooms, services rooms and accomodation

**Date:** July, 2021

**Team:** Danielle K. Gregorio e Raquel K. Gregorio

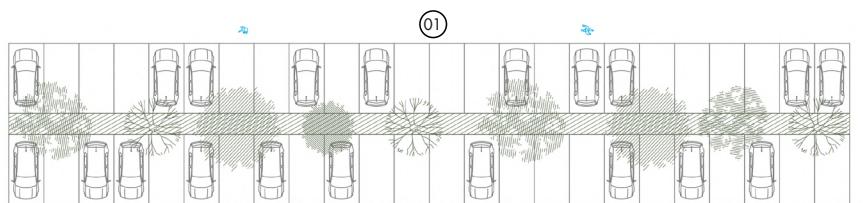
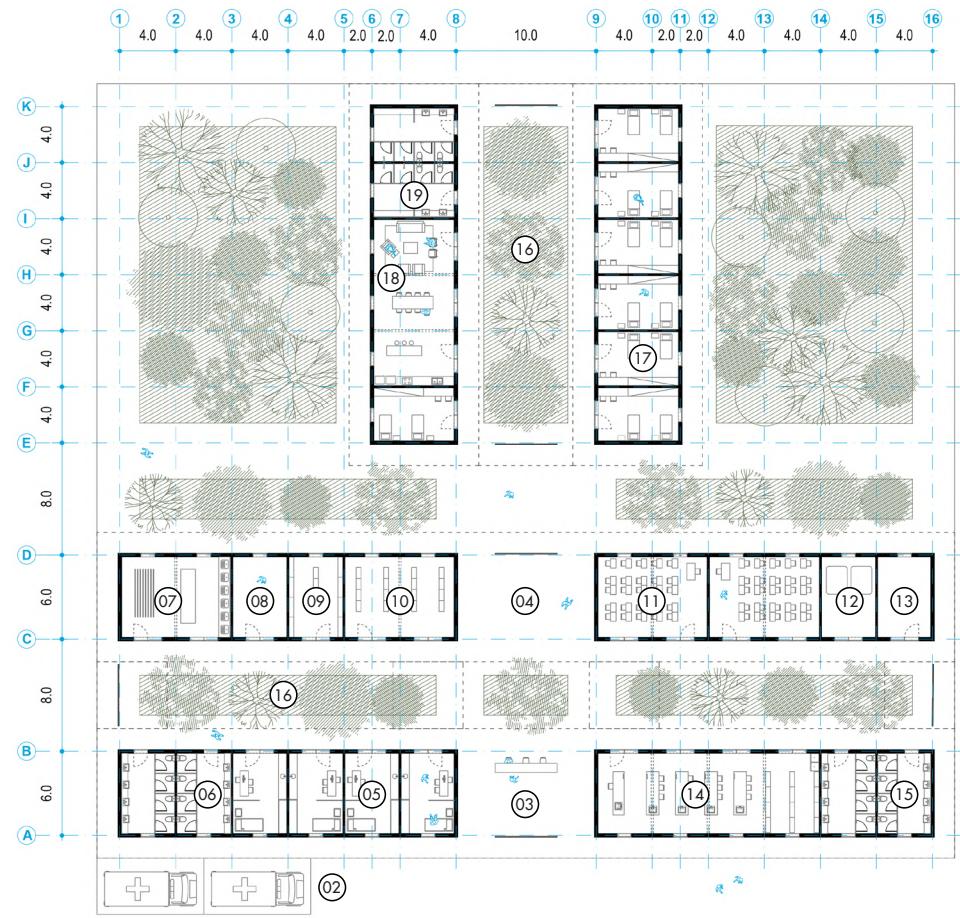
The project aims to provide a health and research center for a population of a small community in Tanzania. It was designed for the NGO Golden Aya. The NGO requested a program that can be divided into three main zones: the public service, the educational and the employees accommodation area.

For the distribution of the program two axes were established: a principal and a secondary one. Along the main axis are the spaces for the public service and the educational area, as well as the main entrance of the complex. Perpendicular to the main axis is the secondary axis. Along it are distributed spaces for the accommodation of employees, ensuring greater privacy for them.

The project has a modular structure with a total of six laminate buildings grouped two by two. Between each of them are located green areas, which in addition to providing collective spaces they allow better control of the complex temperature. Besides that, the green areas provide a rainwater buffer, purify the air and encourage biodiversity in the city. They also act as a sound barrier to the building, absorbing sound and thus providing a quieter place. Furthermore, being in a green environment has a positive effect on the well-being of people, as greenery offers relaxation and reduces stress.

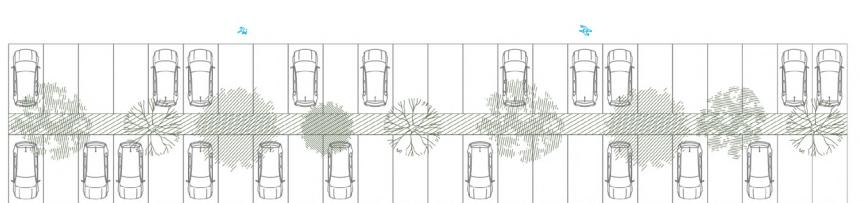
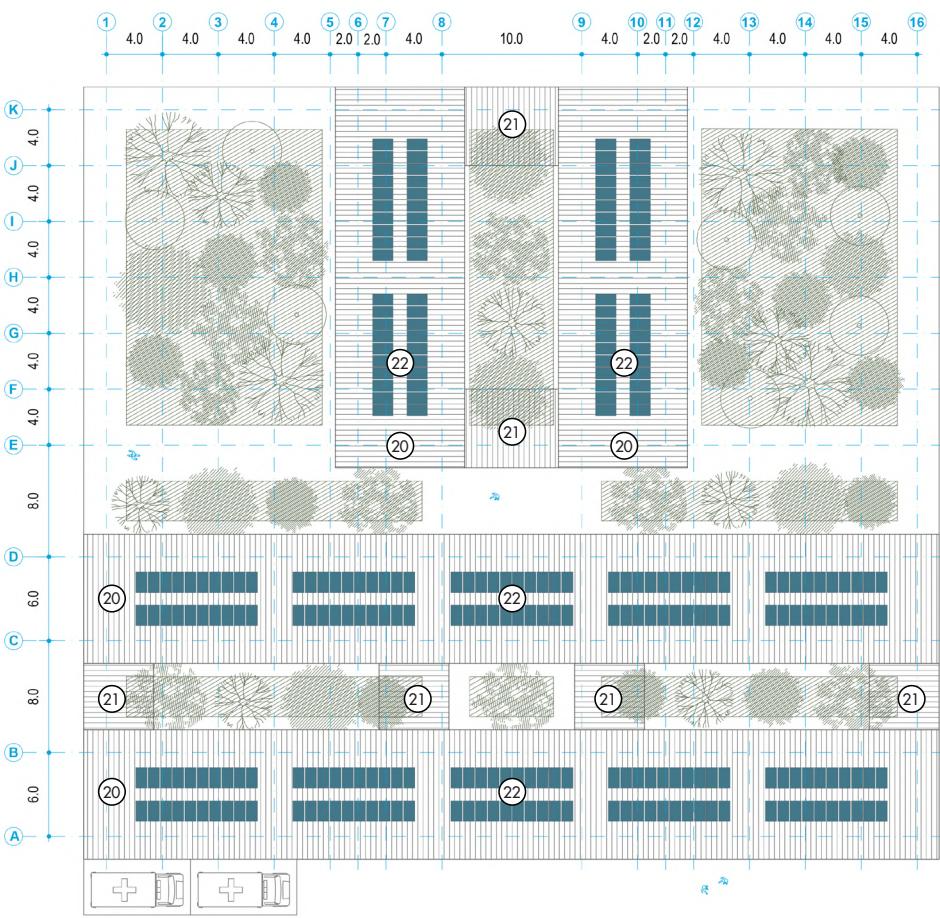


Front desk



## **Ground Floor Plan**

01- Parking place | 02- Ambulance parking place | 03- Front desk | 04- Sitting area | 05- Service room  
06- Restroom | 07- Laundry | 08- Extra room | 09- Supply room | 10- Pharmacy | 11- Health Classroom  
12- Rain water tanks | 13- Technical room | 14- Lab | 15- Restroom | 16- Green spaces | 17- Employees accommodation | 18- Kitchen and Living room | 19- Bathrooms

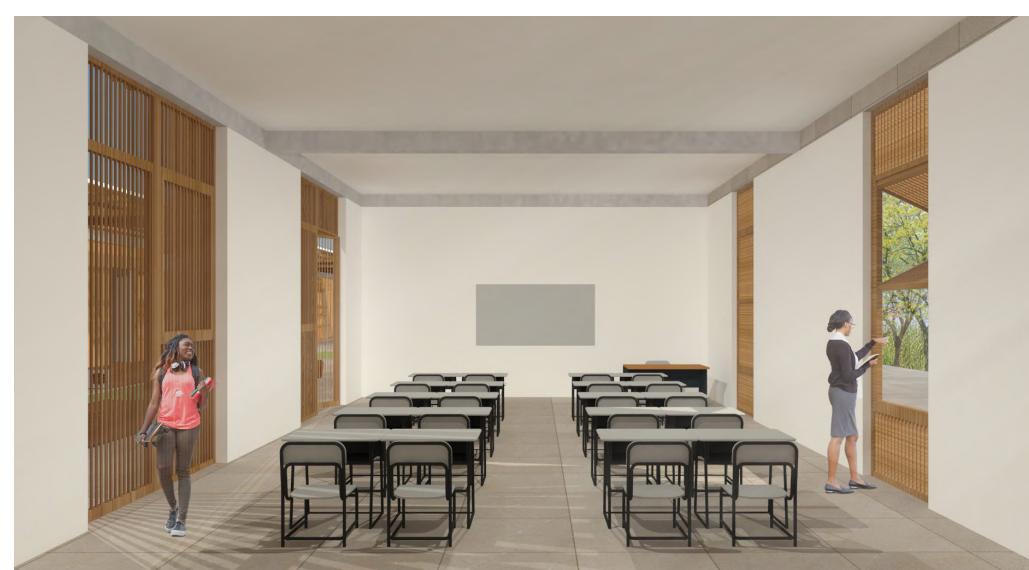
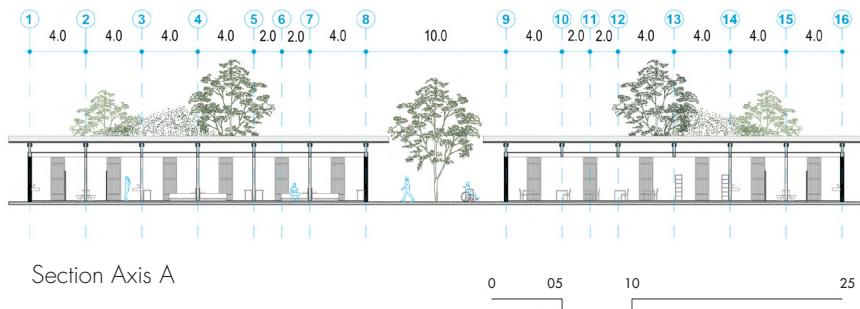
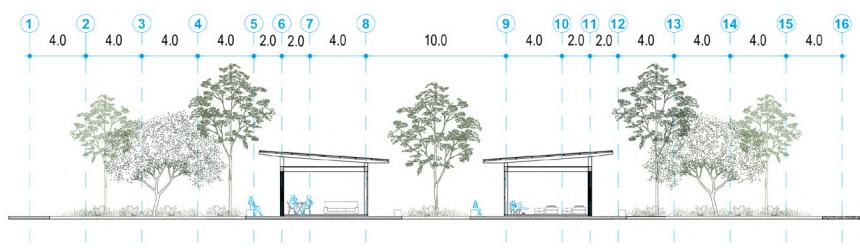
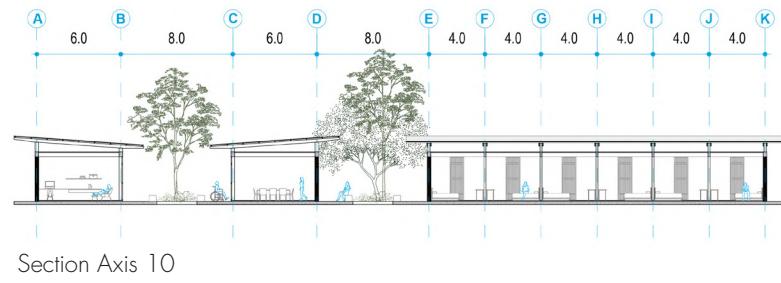


## **Roof Plan**

20- Metallic sandwich panel roof | 21-Polycarbonate roof | 22- Solar panels



Entrance



# Sustainability

