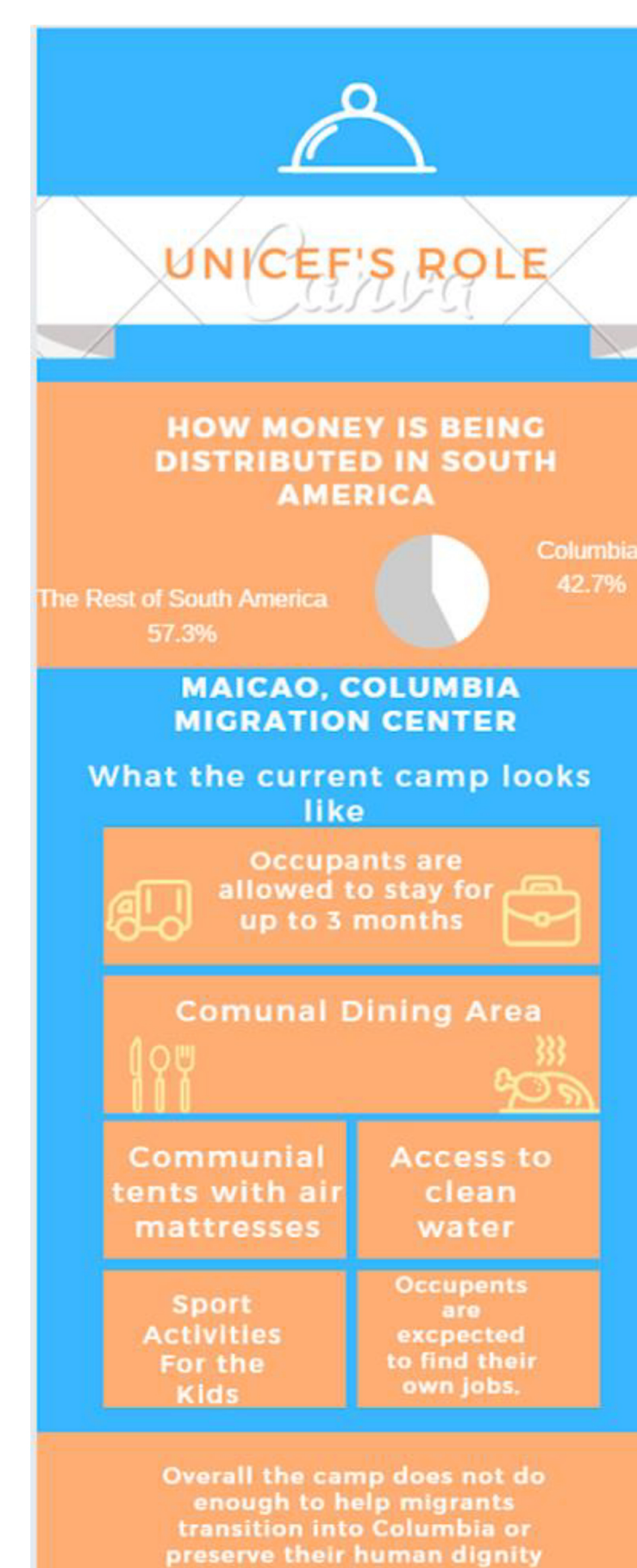


Proposal for Redesign of Maicao, Colombia Migration Center

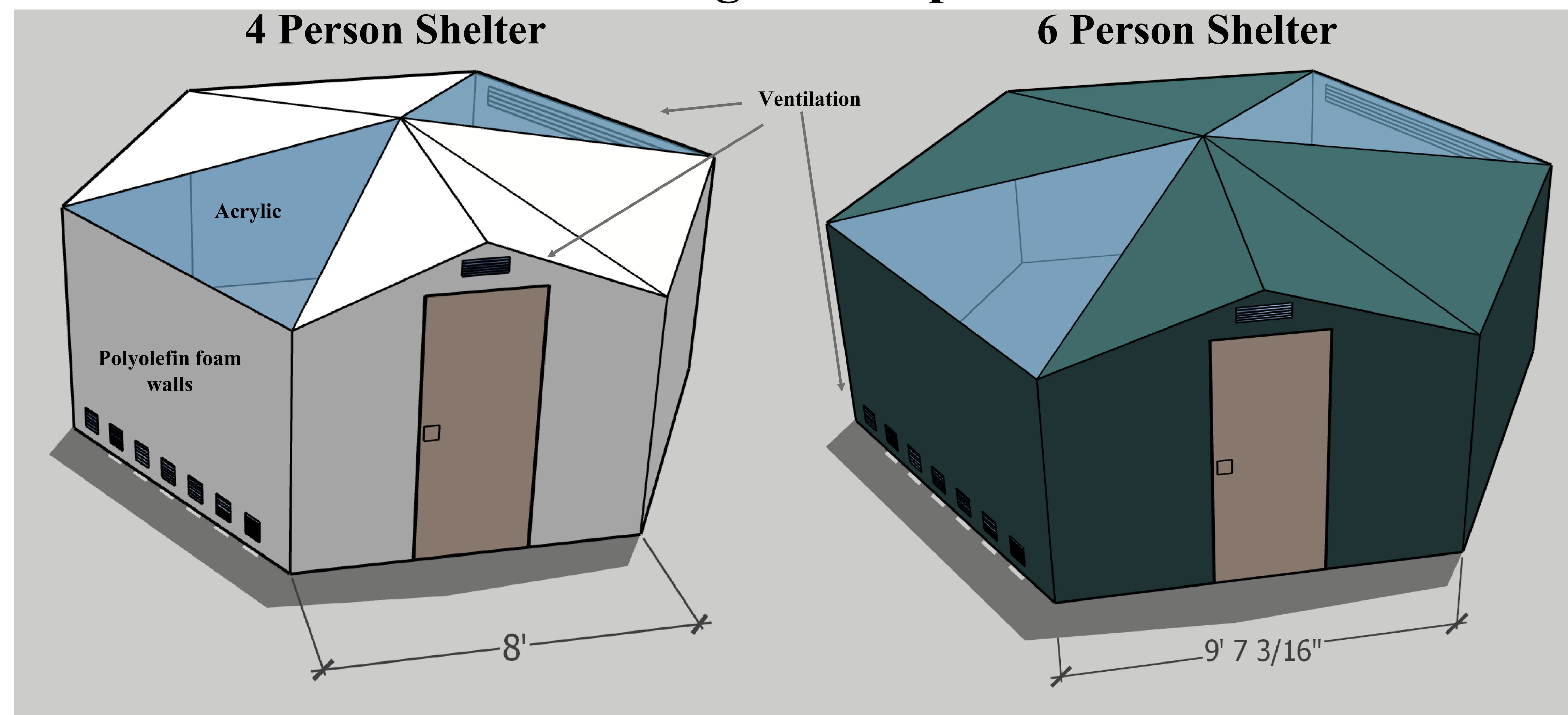
Hailey Anderson(CS), Payton Dean(CS/STP), Holly Hazelton(AREN) and Lauryn Whiteside(RBE/ME)
Dr. Courtney Kurlanska and Dr. Soroush Farzin-Moghadam

Background

The proposal for the redesign of the Maicao Colombia Migration Center is two-fold. The physical aspect includes a total redesign of the camp layout to create a greater community feel as well as a restructuring of the living shelters and community buildings to make them safer and provide more human dignity than tents. The social aspect is the creation of an 'integration plan' that helps migrants find work in Colombia, educates those with significant gaps so they can find work, helps to find permanent housing post migration center, as well as education and emotional services for children at the camp.



Design Concept



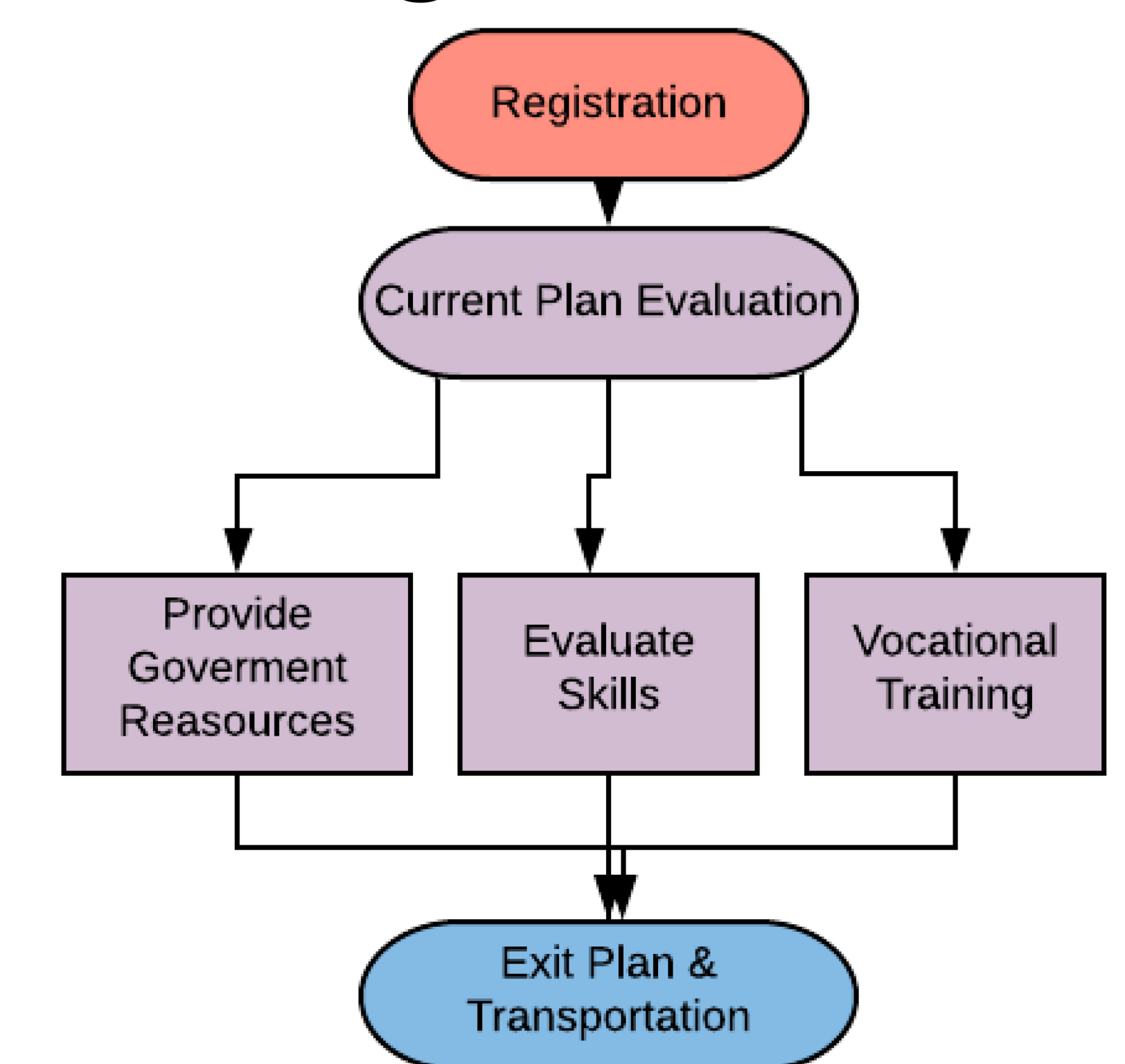
- All panels are prefabricated and lightweight for easy assembly
- The 4 person shelter is 166 sq ft and the 6 person shelter is 233 sq ft.
- The walls are connected together with an aluminum framing that is secured to the ground using metal stakes.
- Canvas covers on the inside of shelter for each translucent polycarbonate panel.
- The cost of the shletes will be 560-1300 USD for a 4 person shelter and 760-1850 USD for the 6 person shelter.

Community Buildings

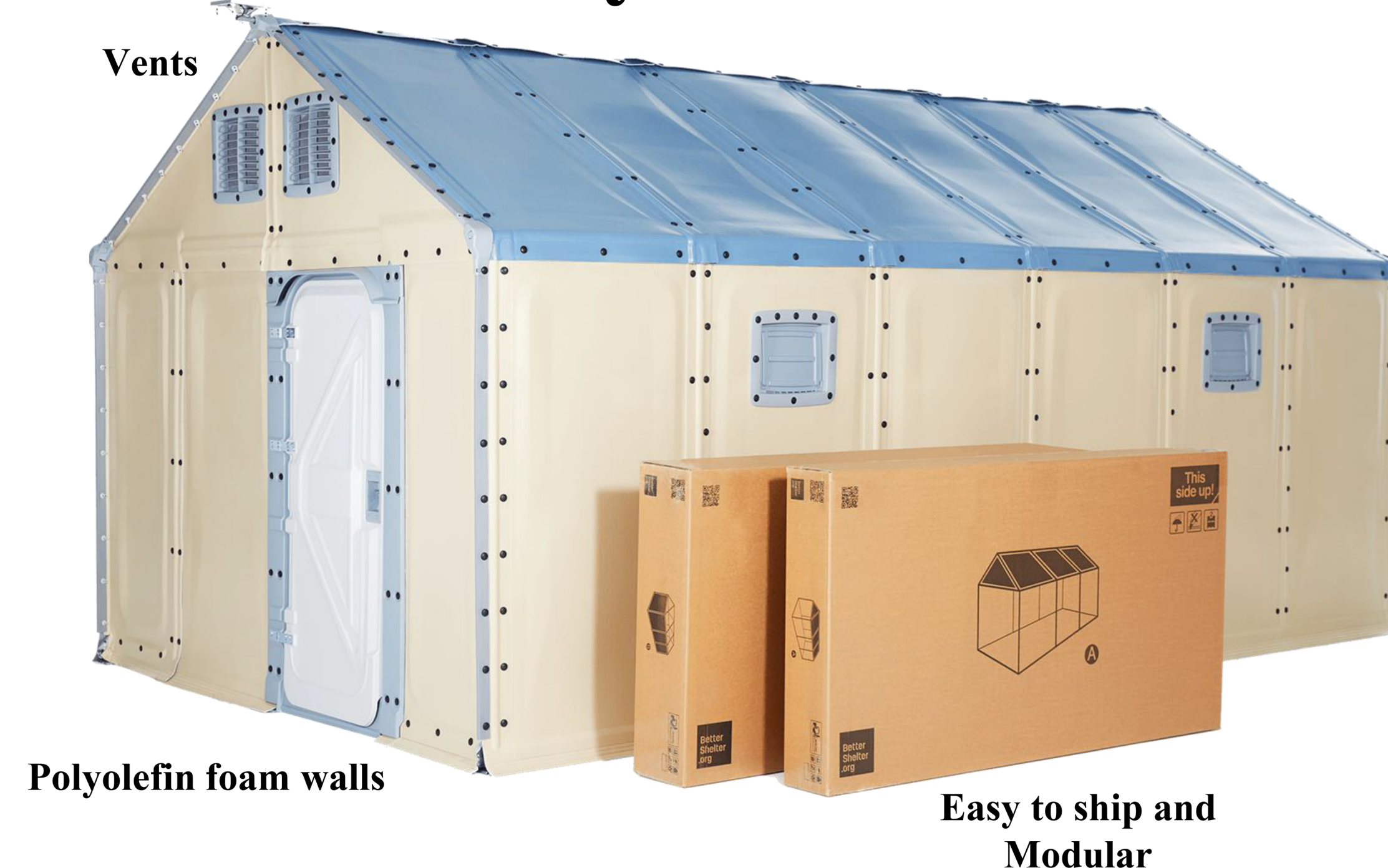


- Built using Conceptos Plásticos bricks
- Community buildings include medical center, kitchen and cafeteria, registration center, and integration resource center
- 12.08 USD per square foot

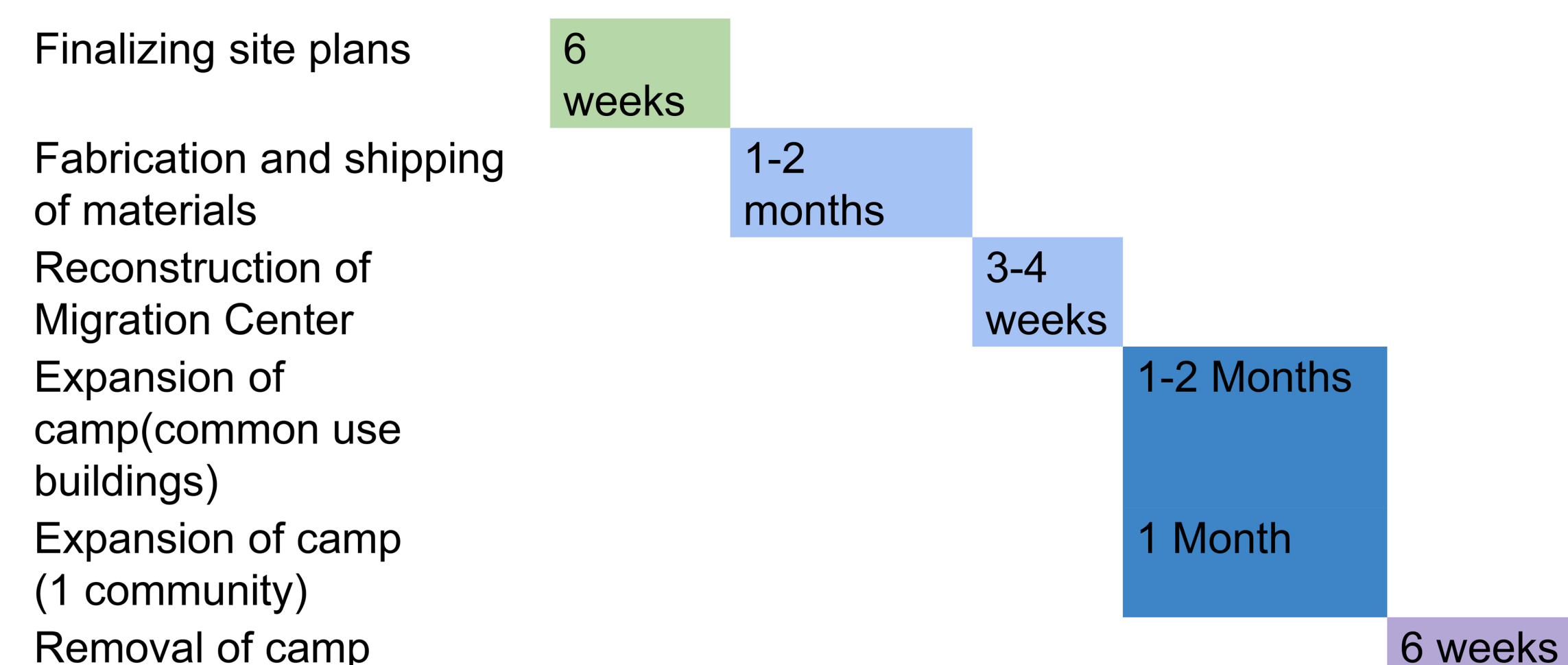
Integration Plan



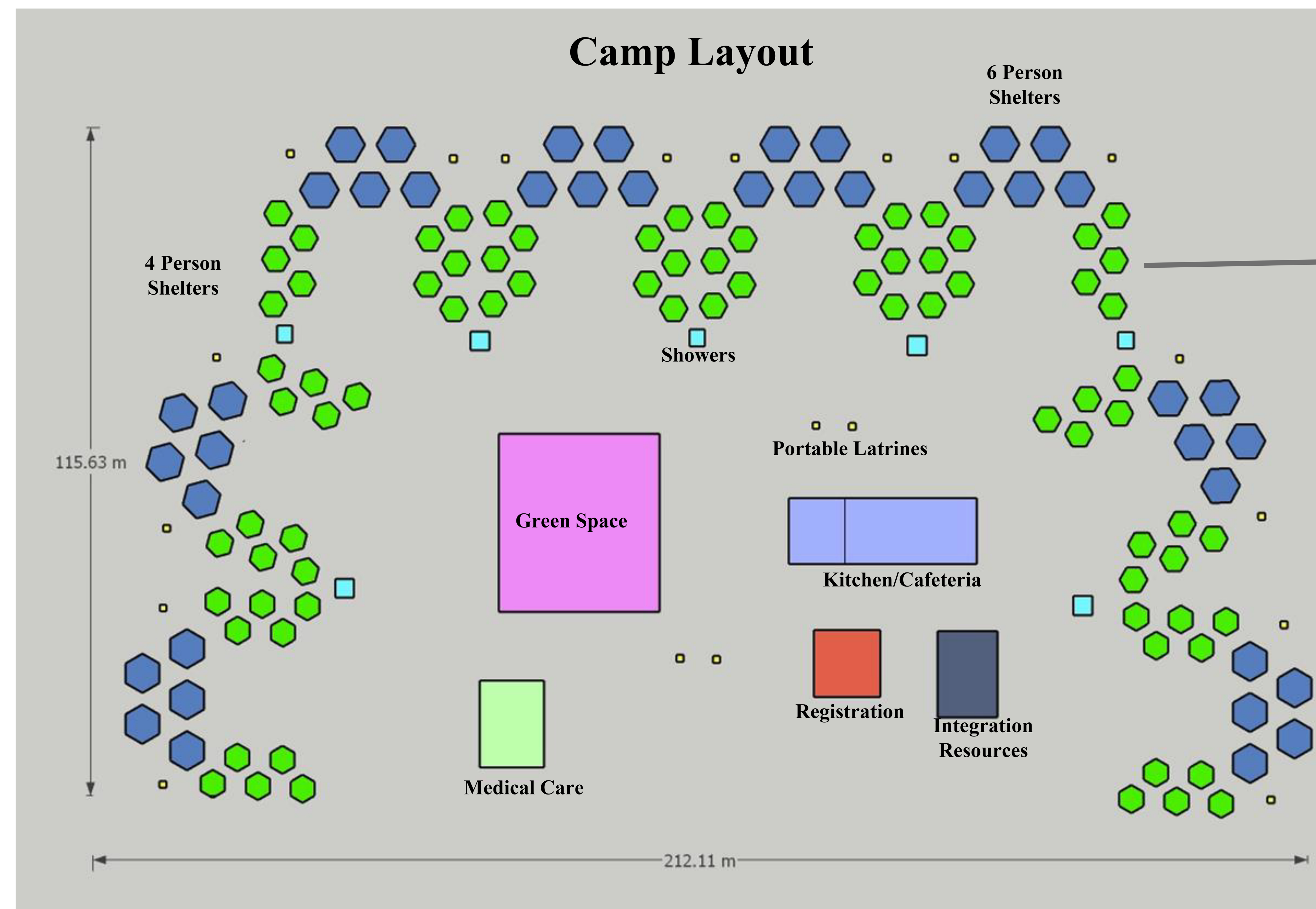
Case Study: Better Shelter



Timeline



Camp Layout



Water Filtration System for Showers



References/Acknowledgements

Better Shelter. (n.d.). Retrieved from <https://bettershelter.org/>.
2019 Regional Refugee and Migrant Response Plan for Refugees and Migrants from Colombia retrieved from <http://reporting.unhcr.org/sites/default/files/2019%20RMR>
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