HUMANITARIAN DESIGN

incorporating holistic health into crisis relief design



thesis prep

How did I get here?

What impact can architecture and design have on the healing process within the context of a refugee camp?

War. Rape. Torture. Orphaned.

What is our response?

humanitarian design

The process of designing products, services, or systems for populations affected by natural disasters.



testimony



"As a kid from ages 1-7 I worried every day if the the truck would come that would deliver our food." **ANONYMOUS** When my hometown was destroyed due to violence we were forced to flee our home and start a refugee camp. This was in the jungle near Nepal. The camp was literally in the middle of trees, vegetation, and wildlife with no infrastructure. People were forced to use the bathroom right outside of their dwellings right in front of stranger there was no infrastructure to help. **ANONYMOUS** "I have been roaming aimlessly with my son for 60 days now. Nobody has shown us the way. if I want to apply for asylum, how exactly should I go about it? Where am I supposed to start my life? I cannot live here. How many more days can I live like this?" **ANONYMOUS** Having the opportunity to receive an education completely changed the opportunities I was able to have leaving the camp. I was able to attend a university and start a life after I left the camp. **ANONYMOUS**

altered lens



Shigeru Ban







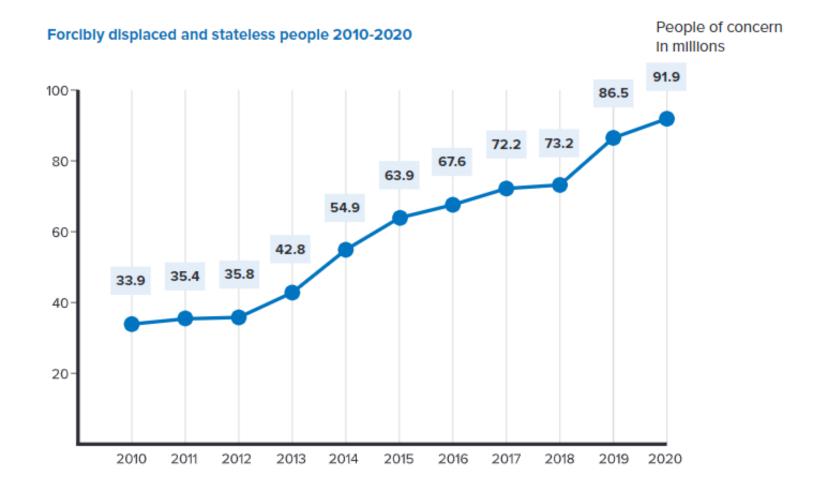


tension

Quantity. Efficiency. Cost.

Sustainable. Long Term. Truly Helpful.

background research



background research

13% Middle East and North Africa Asia and the Pacific 11% 17% The Americas 20% East and Horn of Africa and the Great Lakes West and Central Africa 19% 10% Southern Africa 9% Refugees Asylum-seekers Internally displaced people (IDPs) Returnees (refugees and IDPs) Stateless persons Others of concern Venezuelans displaced abroad As at end December 2020

Forcibly displaced and stateless people across seven regions

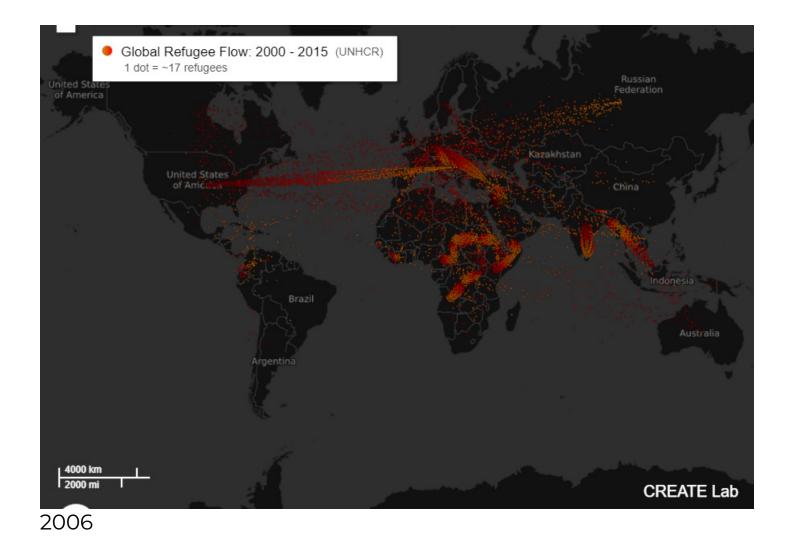
Forcibly Displaced People

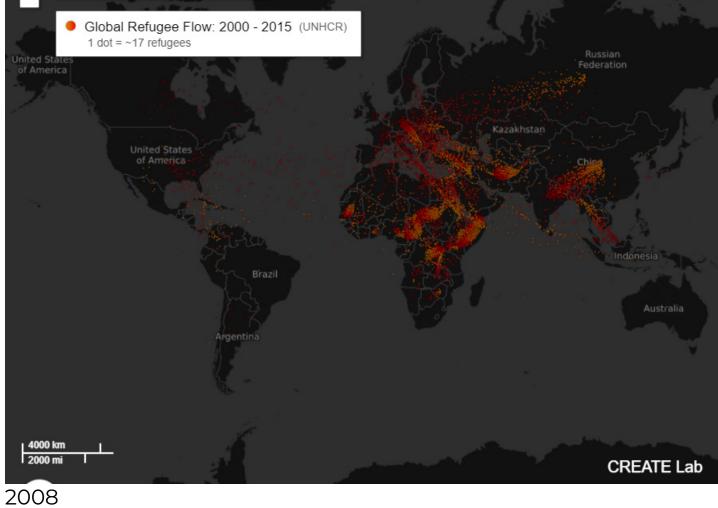
- Asylum Seekers
- Internally displaced
- Stateless
- Migrants
- Refugees

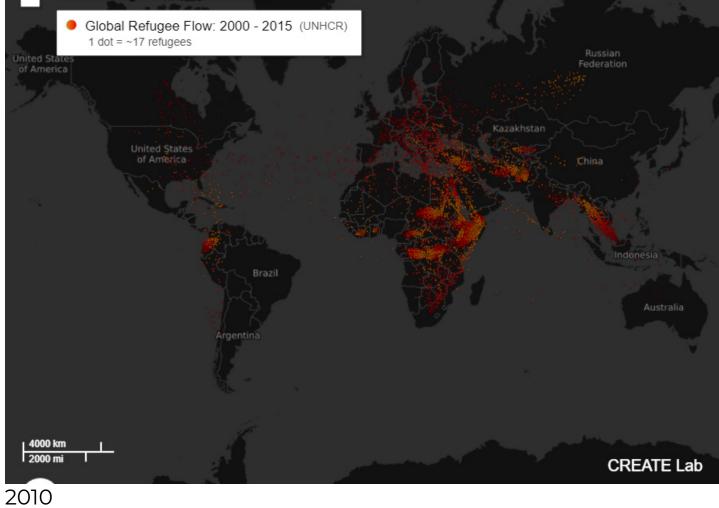
who is a refugee?

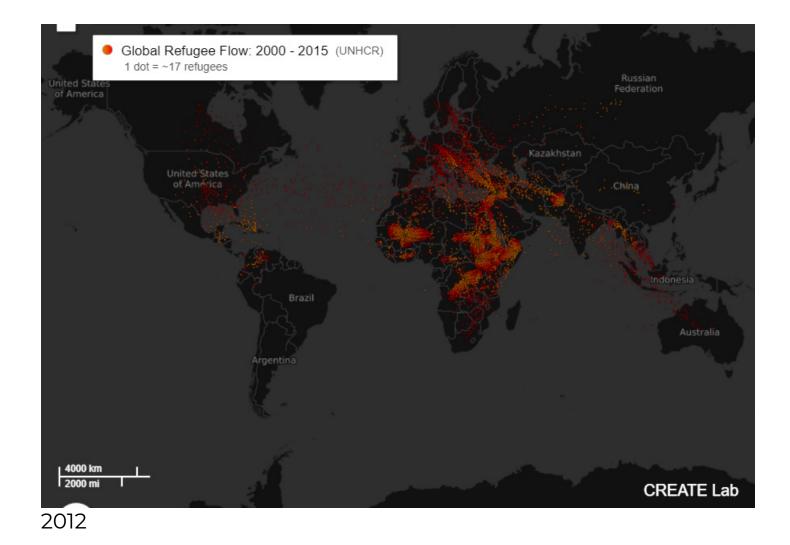


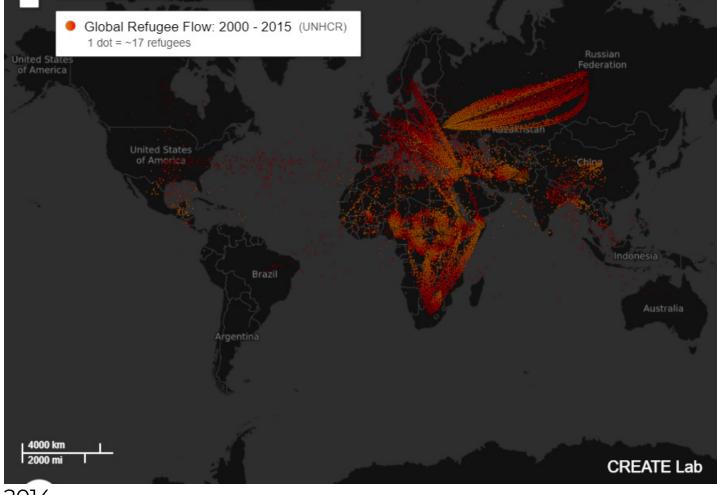




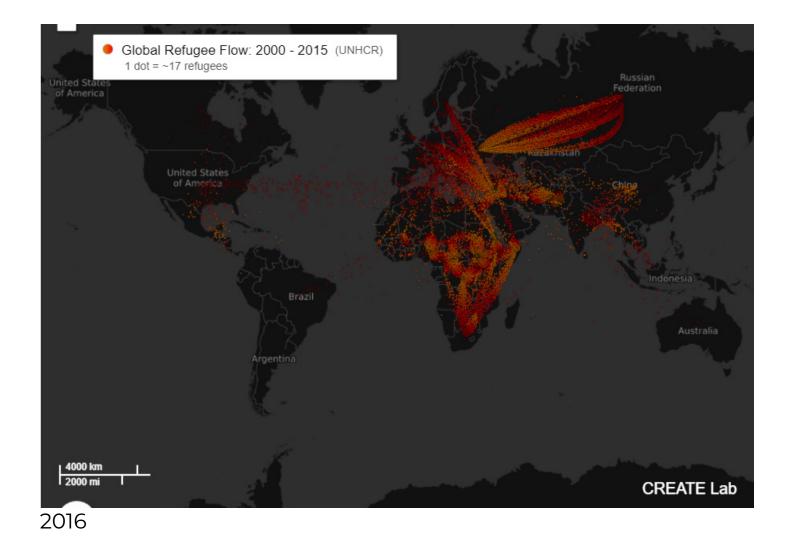








2014



tutapona

ABOUT:

Who: Tutapona

Where: Uganda

- What: Emotional Healing
- Why: Individuals Restored

VALUES:

Christ Centered

Courage

Integrity

People Focused

Excellence

PROGRAMS:



The GROW Program



Capacity Building, MHPSS Training



The HEROES Journey



Continuing Education & Community Outreach



Healthy Habits



Programmatic results



Individual Support



Our Theory of Change

testimony



testimonies

Daryna felt lost in a new city and surrounding after fleeing conflict in her hometown in Ukraine. To make things even harder, she became a first time mother during this period as well. But after attending the GROW program, she feels resilient, and is motivated to work for a future for her family. DARYNA Rawan felt ashamed at returning to school after missing several years as he was older than all his peers. He struggled with feeling angry and defeated. But after attending the GROW program, he is motivated to work for a future for himself and his family, and has learned how to have authentic hope! **RAWAN** Judi had feelings of worthlessness, and even contemplated suicide, until she heard about Tutapona's one-on-one support through her children attending the Heroes Journey. She found the strength to continue, and now finds joy in being with her family! JUDI Jamilla felt alone with no where to turn after fleeing from Syria, and losing two of her children. Then one day, Tutapona staff came to visit her in her tent, and invited her to attend a GROW program. She learn about for giveness, and how that for giveness can set her free! Now, she feels lighter, happier, and closer to God. JAMILLA Aliyah felt like she had failed her family when she was unable to provide for them after arriving in Uganda. She began isolating herself, and considered ending her life. After attending the Tutapona's programming, she has learned ways to cope with her emotions, and has built a community of people she trusts and can talk to . ALIYAH Revind felt alone, and she didn't know how to deal with the emotions she was facing. After attending the Heroes Journey, she learned the power of belief, and now she knows that God is always with her, no matter what she is facing! Revin is a hero! **REVIN** Jowan started to feel afraid and ashamed at a young age. After participating in the Heroes Journey program, he is now excited about life everyday! **JOWAN**

project overview

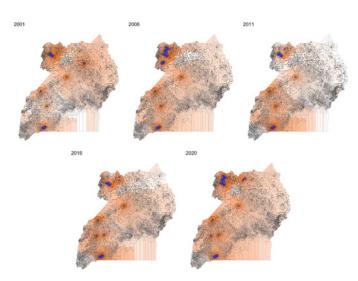




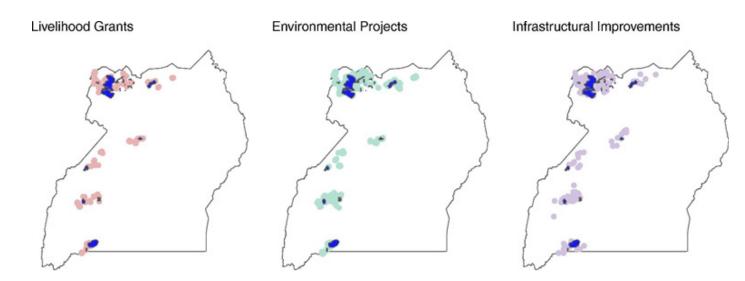
Africa

Uganda

project overview

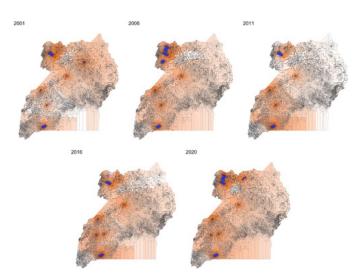


Refugee Density Map

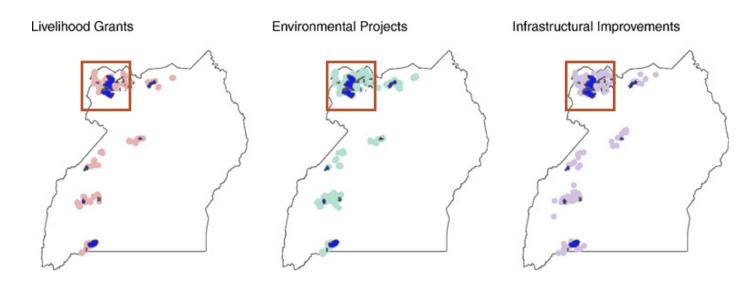


World Bank Work Zones

project overview



Refugee Density Map



World Bank Work Zones

current site

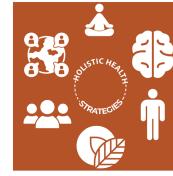






project goals





Incorporate Holistic Health Strategies





Walkable Distances



Circular Design



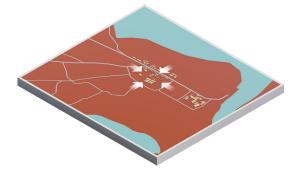






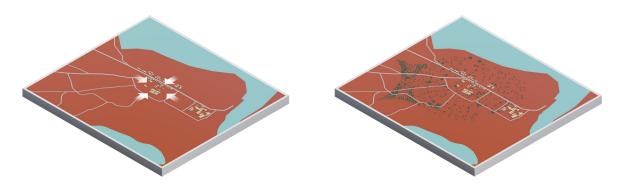


master plan - site plan



Consolidation





Consolidation

Vegetation





Consolidation

Vegetation

Cluster Placement







Consolidation

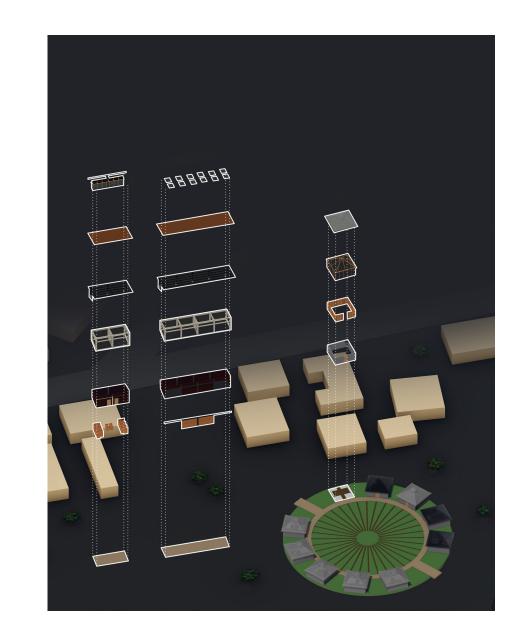
Vegetation

Cluster Placement

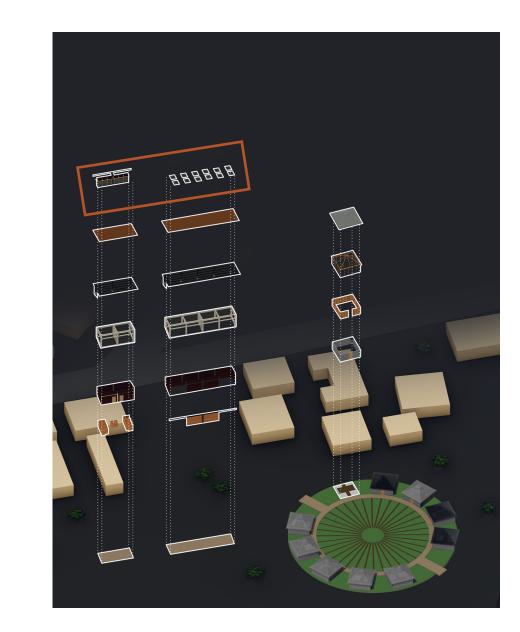
Open Spaces

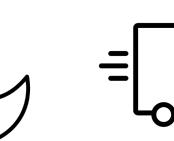




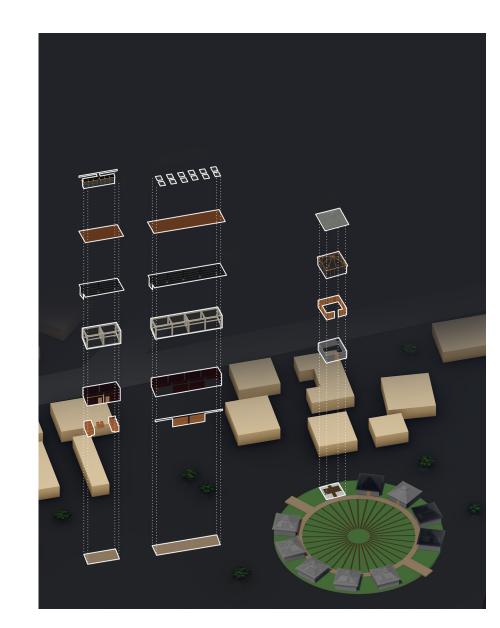


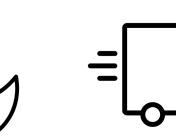




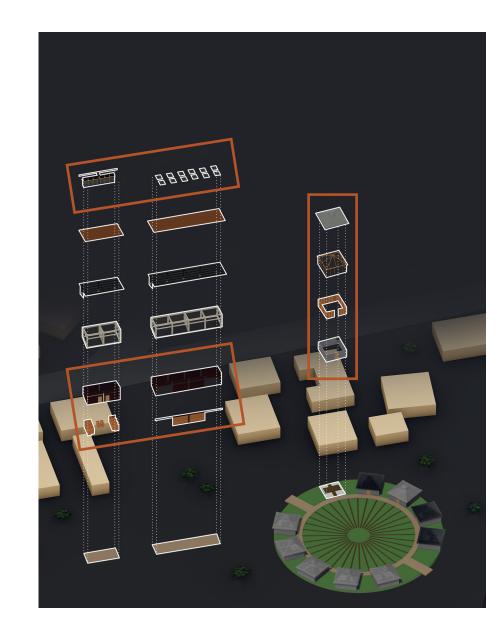


Passive Design Decrease embodied energy





Passive Design Decrease embodied energy



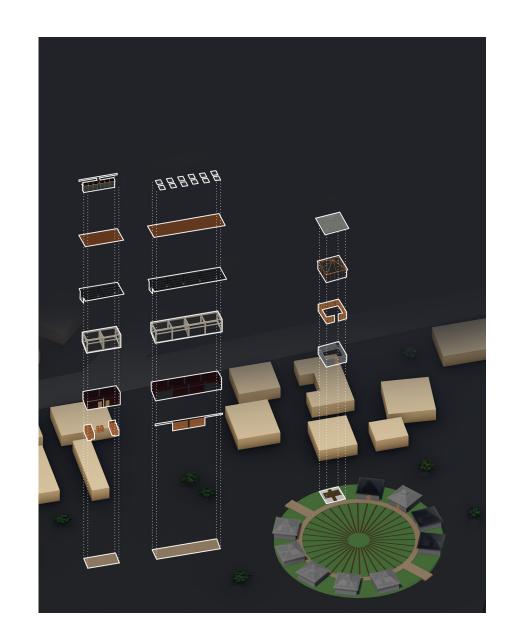


Passive Design





Decrease embodied energy



construction/materials

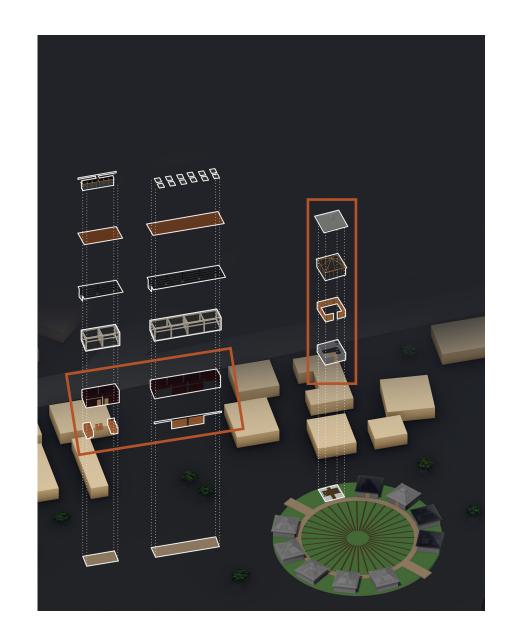


Passive Design





Decrease embodied energy



construction/materials



Passive Design

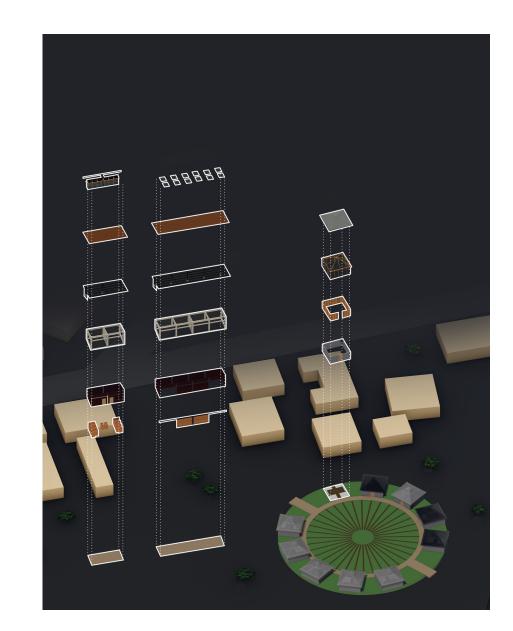




Decrease embodied energy



Simple Construction



construction/materials



Passive Design

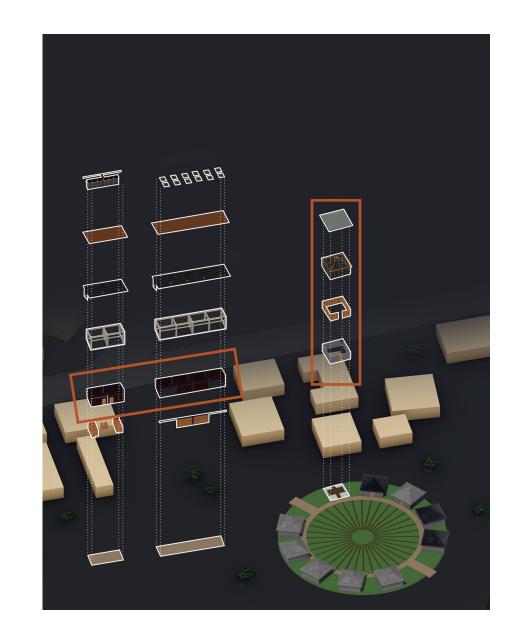




Decrease embodied energy



Simple Construction



primitive construction









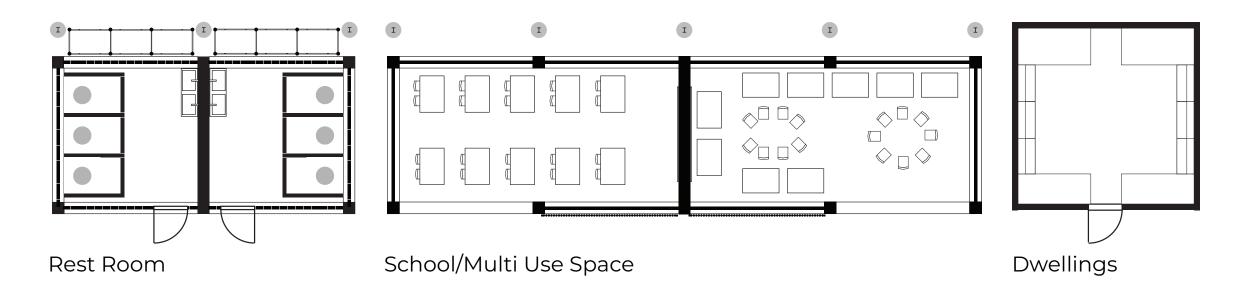




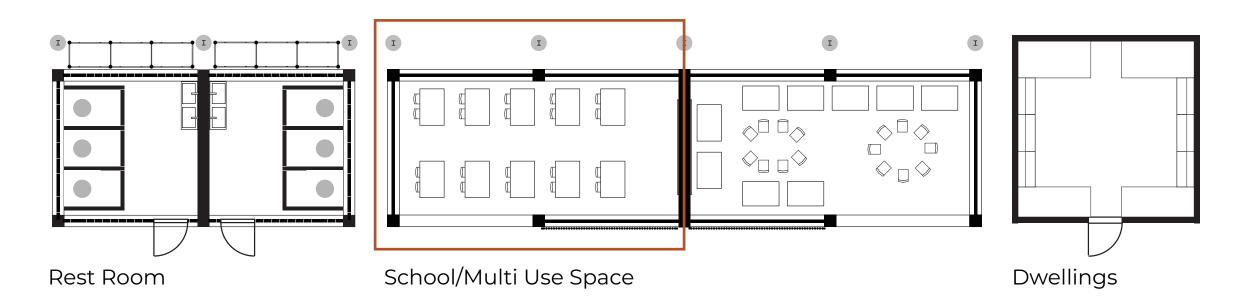
passive/sustainable design



floor plans



floor plans





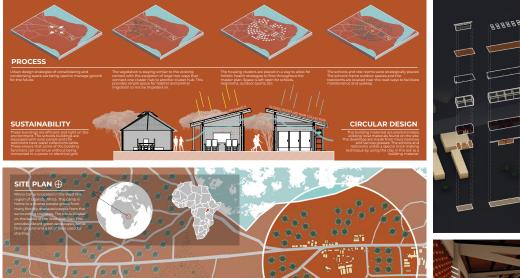
conclusion



HUMANITARIAN DESIGN incorporating holistic healing into crisis relief design











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