Affordable Housing In Lhasa, China

By: Nicholas Weiland, Owen Buckingham, and Jackson Rowland

Professors: Courtney Kurlanska and Soroush Farzin

Abstract

The goal of the project is to provide the people of Lhasa, China with affordable housing. The housing must be designed to withstand nature and remain at the lowest cost possible while still creating a strong and permanent home for the people of Lhasa, China.

Background

- Lhasa, China is located in the Tibet region, within the Himalayan Mountains.
- Majority of population consists of farmers and herdsmen, all of which live in poverty.
- Currently live in run down, small, and weak structures.
- Need an affordable home capable of housing a single family.
- The land available is located on the side of neighboring mountains.

Main components of the Home

- Basement Storage
- Balcony
- Slanted Roof
- Central Wood Stove

Floor Plan

- The first floor is the main living space where cooking, eating, and lounging occurs.
- Second floor is mainly used for sleeping.

The overall cost would total $7,815.00