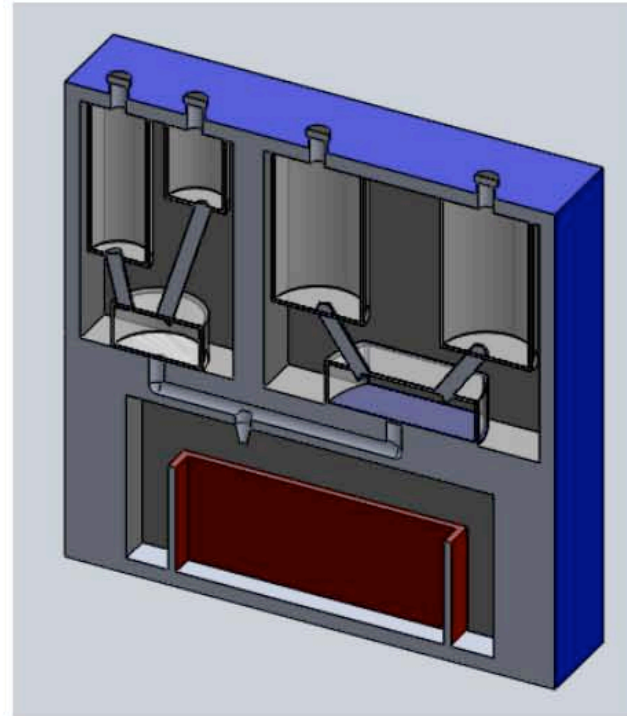
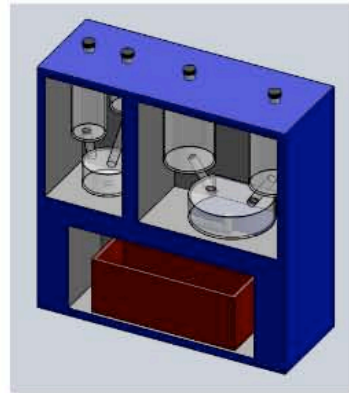
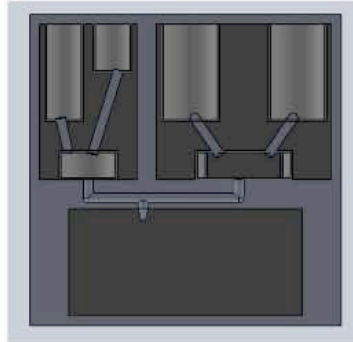


Foam Bricks



Green B

Displaced People Need Shelter



42.5 Million Displaced
Worldwide



The Elements are Rough



Deaths are Preventable

Customizable Foam Bricks Allow for Simple Construction



Light and Compressible for Easy Shipping

Lego-Like Structure for Modular Building

Addition of Water for Cement Strength

A Sponge Will Adsorb Cement



Need for Complete Penetration



Dry Cement and Foam Don't Harden with Water



Ratio of Foam and Cement is Key

Too Little Cement



Foam to Cement Ratio
3:4

Too Much Cement



Foam to Cement Ratio
1:10

Foam Bricks Can Be Saturated with Cement and Molded



A Foam Brick Making Machine Holds the Most Promise



Reduces Transport

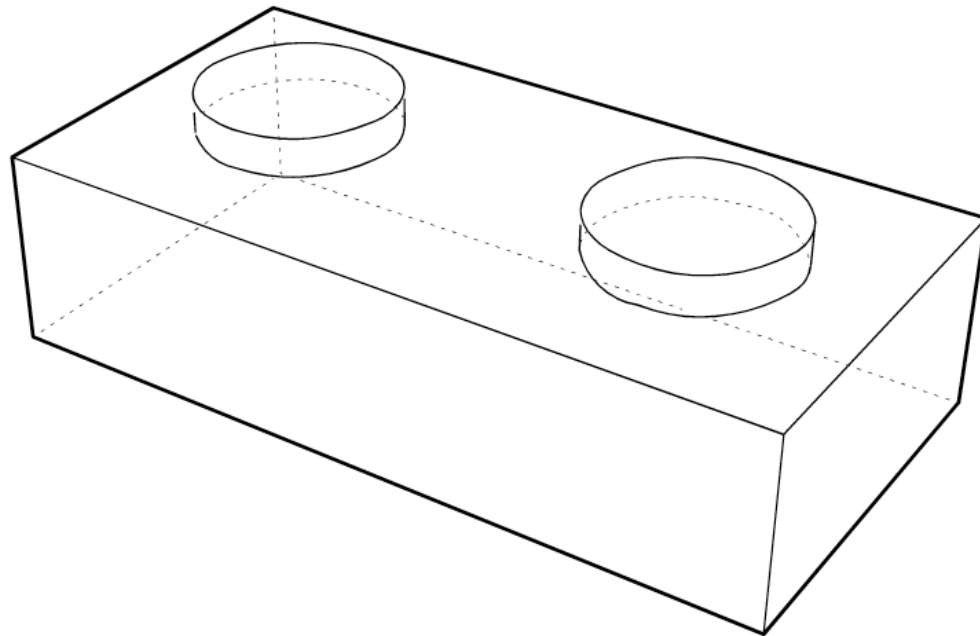


On Site Brick Construction

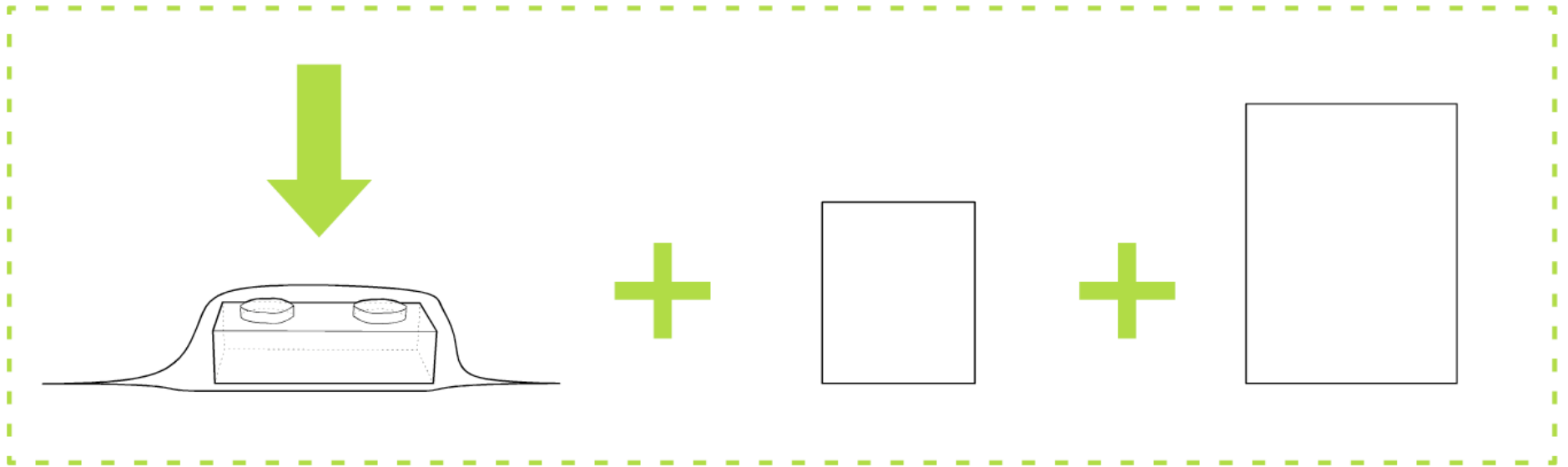


Need to Investigate Foam Matrix Structure

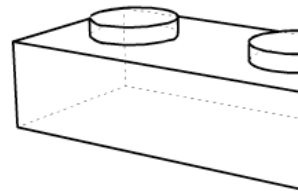
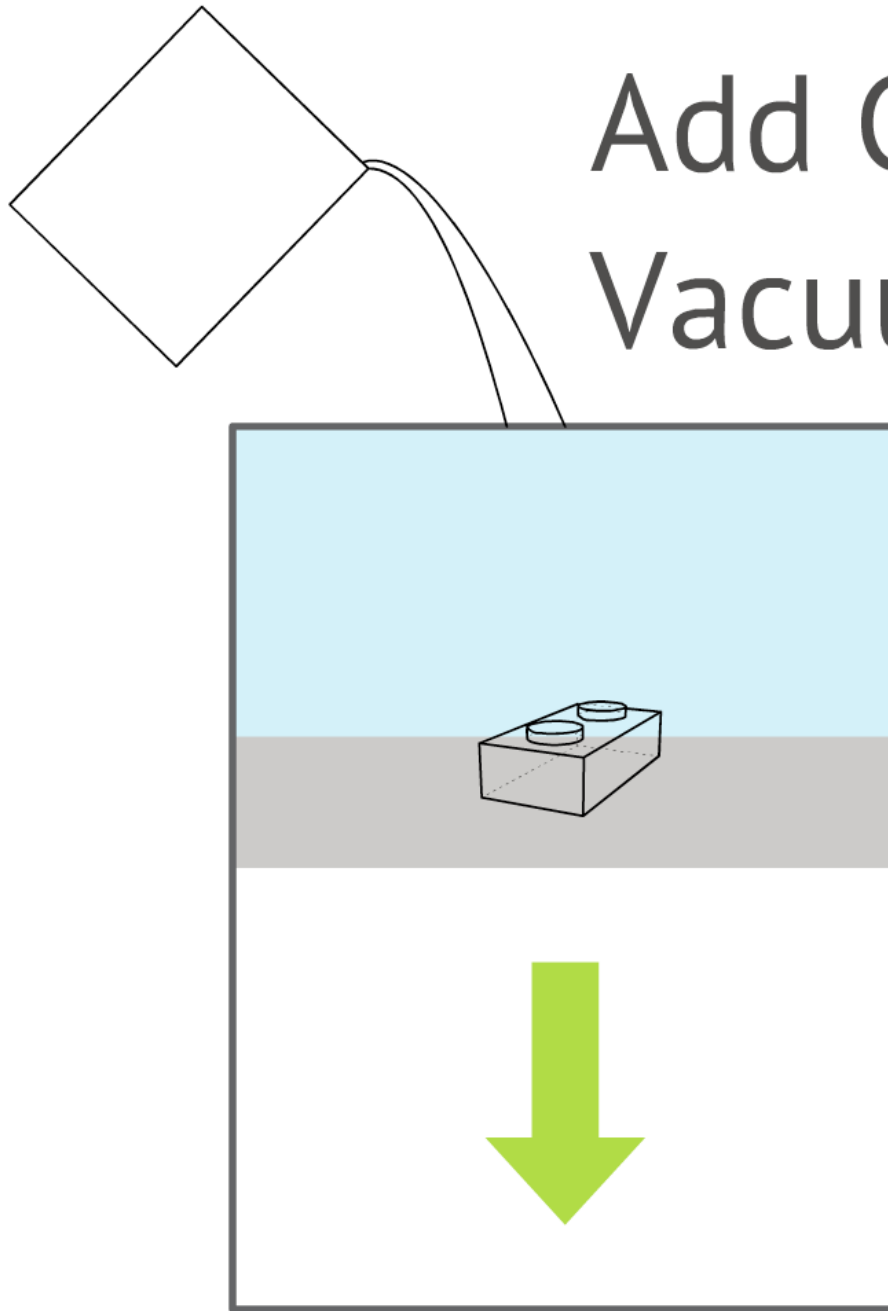
Foam Block



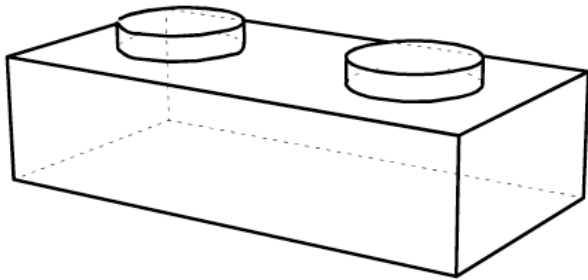
Pack and Ship



Add Cement Vacuum



Repeat



X > 9000!

House

