Proposal for Homeless Shelter/ADA housing

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This shows the potential of stacking modular units. Each unit will have a kitchenette, bathroom, living and sleeping space. These are 8' x 40' containers each outfitted to make an individual home. This is representative of how they can be stacked.





Show of possible layout

1 Contraction

Interior





Kitchen and living area view





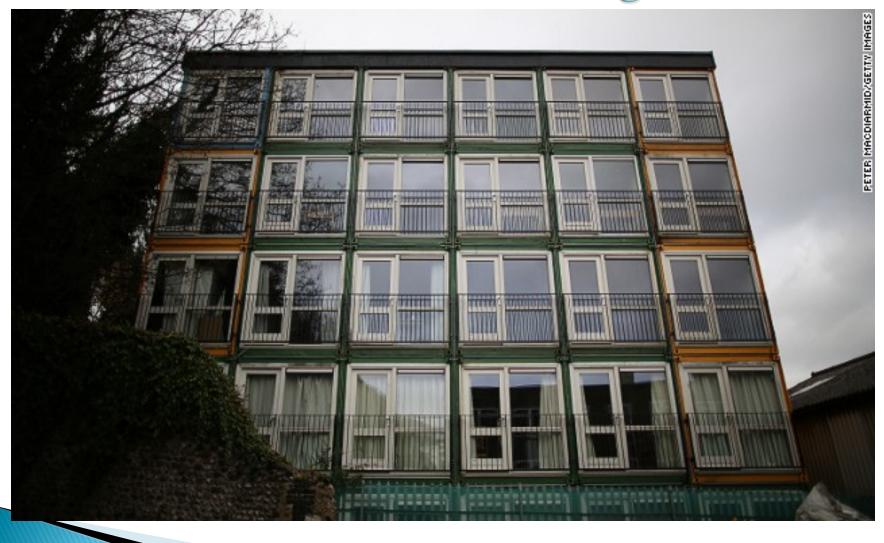


View of the rear of the building



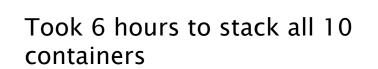
The windows will be the only new holes cut into the shipping container so there will be very little structural engineering required.

Homeless Shelter in England



Following is the shipping container house I built in Gainesville, FL in 2011. This was the first in the county. It received LEED platinum rating as an exceptionally energy efficient home. This was made out of 9 (8'x40') containers and approximately another 10 scrap containers to build the porches, stair cases and fencing.

Stacking the containers







These are such durable structures built out of Corten steel, which is extremely resistant to rust.



Here's the finished product!

Our Vision

- The beauty of this construction is that they can be moved and reused in other applications such as portal offices, shelters for hurricane survivors, etc.
- I would like to build to full ADA (Americans with Disabilities Act) compliance standards (e.g. roll under counters, single level living, no steps within home, etc.).
- Private baths help keep sanitary conditions in close quarter living and also prevent spread of infection for people healing or sick.

Cost

- Construction cost is relatively low compared to conventional building and we're helping the environment by recycling these old containers.
- Costs is approximately \$30,000 each for a complete 8' x 40' home. If more are built at one-time, the cost is reduced per unit.
- Thanks for the opportunity to present our vision for the future!