

Secondary School - Container Upcycle Challenge

Your Competition is a BIG UK Challenge! There are loads of different industries in the Humber Region, hundreds of fab courses at the University of Hull, plenty of skills and creative careers and it's a region that brings some great minds and companies to the area.

Primary Objective

There are lots of difficult issues in the UK – homelessness, an ageing population with limited mobility and loneliness, people finding it hard to learn new skills, lack of new and affordable housing, reduced numbers of youth centres and costly nursery places for pre-school children or what about a mobile gym?

The Humber is the busiest ports complex in the UK using millions of shipping containers a year, we know that lots of containers become surplus to demand. We know that a 40ft container has a huge space inside allowing it to be adapted to use for lots of different uses...and because they are designed to be shipped on a lorry, they are simple to transport to where they are required.

Project Specifics

- Take the blueprint design template(s) of the exterior and interior views of a 40ft shipping container, and imagine how it could be used to help people in lots of different ways.
- What real-world problem does your idea solve, and how can it help people, society or the planet?
- Think about the brand name you could use and how you could market your idea.
- Design an exterior paint scheme and décor that will make your idea welcoming and appropriate for its surroundings and purpose.
- Think about the internal connectivity – electricity, water, internet and the layout inside. Can the power be renewable – eg a private wind turbine or solar panels?
- Can multiple containers be connected together to make a bigger structure(s)? Will this actually be beneficial to it's purpose?

Deliverables

Once you've completed your entry, upload your submission to **nationalcareersweek.com** by **23rd March**, along with a signed consent form from your teacher(s).

Things to Consider

What are the requirements for each of the ideas you're considering:

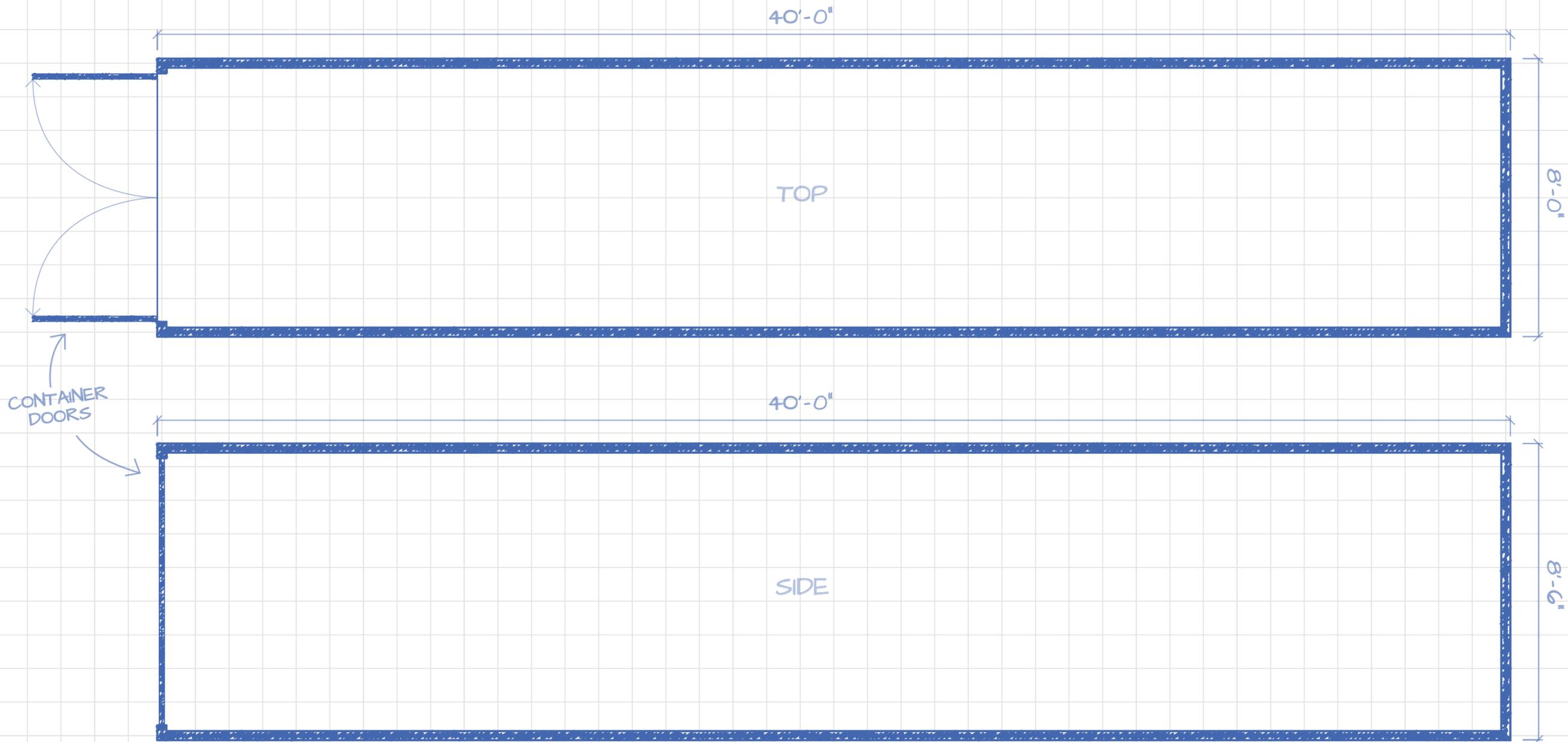
- Space utilization
- Safety
- Security
- Power
- Energy and resource usage
- Internal Equipment
- Furniture
- External decoration

Could the container have multiple functions:

- Sport and hygiene?
- Food and kitchen?
- Water and healthcare?

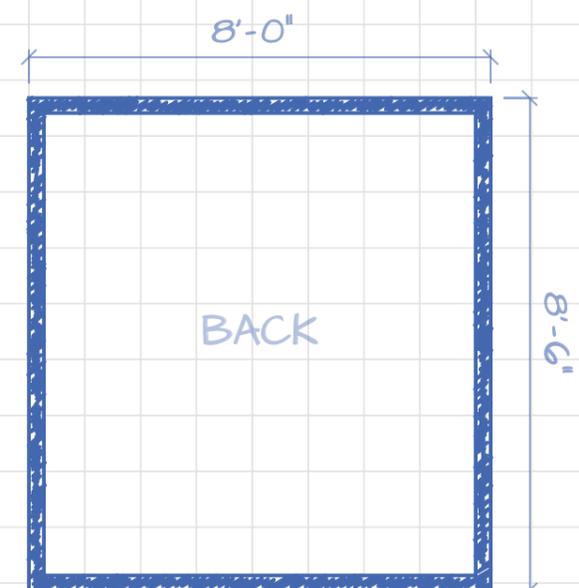
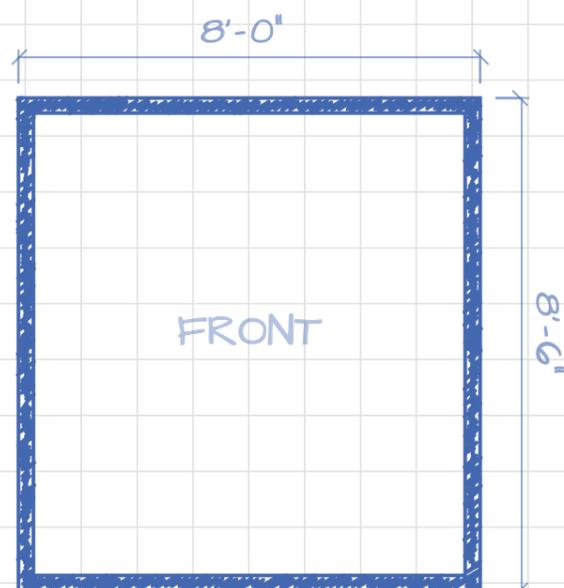
How could you present your ideas:

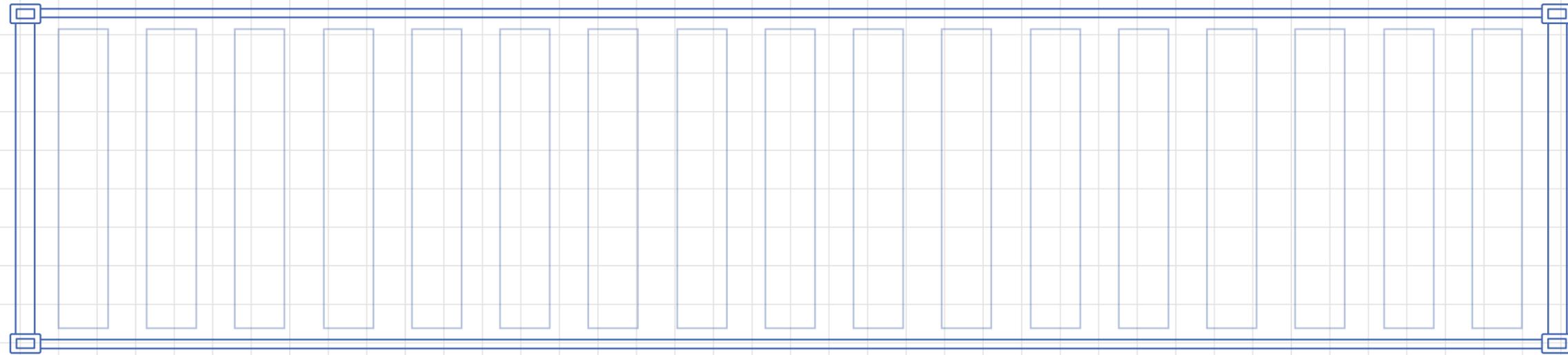
- Short presentation
- Digital photobook
- Digital or physical 3D model
- Video



INTERIOR FLOOR PLANS

40FT SHIPPING CONTAINER
DRAWN ON 1'-0" GRID PAPER

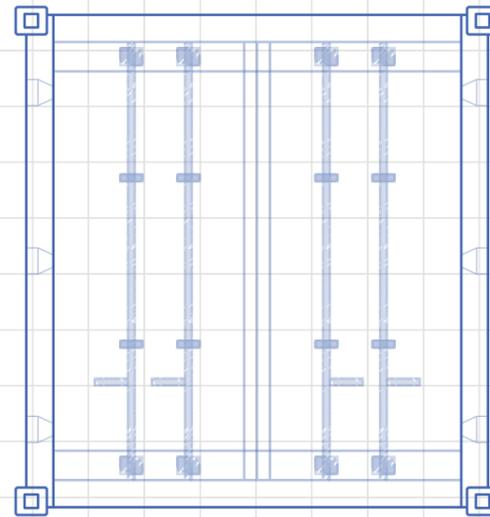




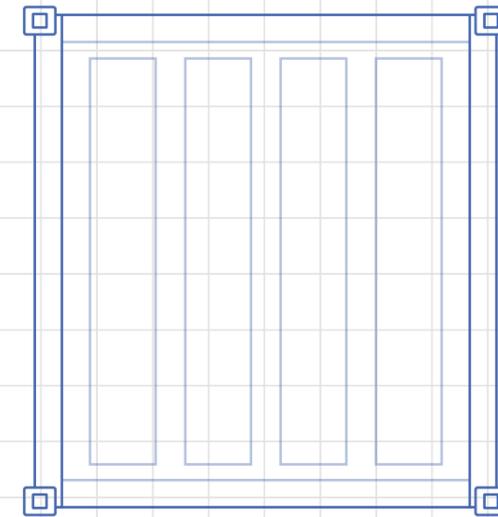
SIDE

EXTERIOR FLOOR PLANS

40FT SHIPPING CONTAINER
DRAWN ON 1'-0" GRID PAPER



FRONT



BACK