



THE TINY HOUSES CASE STUDY

THE
PACKAGED
INNOVATION
EXPERTS

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THE CHALLENGE



The challenge was to build an affordable alternative living structure that can be purchased turnkey, or built from the ground up by the Do-It-Yourselfers with guidance and components supplied by Cargo Builders. Design was a collaborative effort between three participants – Kelly Edwards (Designer and Television host), Art Steedle Construction and GEM.

The idea was to give new home buyers as well as those interested in DIY an option to consider when it came to an affordable residential alternative to traditional home purchases. Not only can it be an “Off Grid” standalone residence – with alterations to the basic design, it can be a vacation getaway, studio, student housing, work shop, guest cottage or housing of any low income sector in a portable communal fashion.



BESPOKE SOLUTIONS



TINY HOMES REIMAGINED



What started as a Tiny House concept was designed from the ground up to use repurposed wood / metal / siding / fixtures and other materials gleaned from the past construction and second hand sources – flower planters were made from the section of steel where the door opening was cut out – components were designed with a “modular” approach in mind so they can be duplicated off site and sold in kit form to the discretion of the end user.

Each piece that was designed had to be compact and multi-purpose in execution such as the dining / bar table doubling as a closet for hanging garments and the surround of the convertible sofa into a bed as additional storage while continuing a designer themed layout.

**CUSTOM ELEMENTS
FOR A TRULY UNIQUE
BUILD**



BUILDING A MODULAR HOUSING SYSTEM



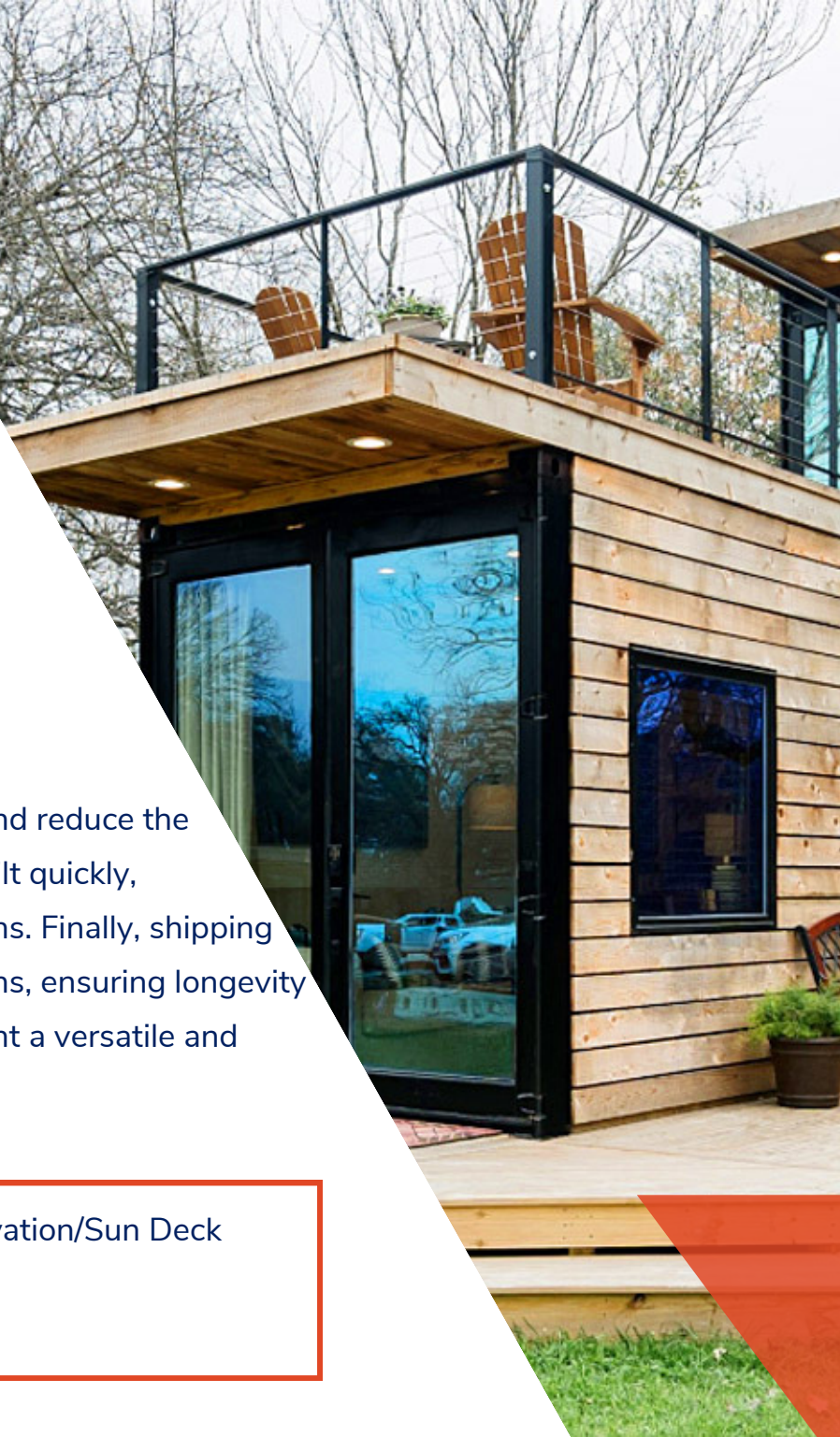
GEM's shipping container homes offer several benefits, making them an increasingly popular choice for modern living. Firstly, they are cost-effective, often being more affordable than traditional housing due to the repurposing of containers. Additionally, their modular design allows for easy customization and expansion, making them adaptable to various needs and environments.

Moreover, these homes are eco-friendly, as they promote recycling and reduce the demand for new construction materials. Furthermore, they can be built quickly, offering a faster solution to housing shortages or emergency situations. Finally, shipping container homes are durable and resistant to harsh weather conditions, ensuring longevity and minimal maintenance costs for homeowners. Overall, they present a versatile and sustainable housing option with numerous advantages.

Dimensions: 8' x 20' ISO Container W/5' Observation/Sun Deck

Weight: Approximately 7,000 lbs. Finished

Materials: Reclaimed Wood & Metal For Exterior



THANK YOU



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