

Tiny Houses Project

Television Show Highlights GEM 360's Capabilities

Tiny House Case Study

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 360.

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.

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.

Dimensions:	8' x 20' ISO Container 5' Observation/Sun Deck
Weight:	Approximately 7,000lbs Finished
Materials:	Reclaimed/Repurposed Wood and Metal for exterior



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Continued

Construction Photos



