

1/7 **Garden Unique_ Modular Prototype**

Modular Prototype for deployable, pre-fabricated, re-use materials, small space design.



Solution

GARDEN UNIQUE

-small space design :
[12 x 10]

-reusable materials :
[100% recycled housing materials]

-transportable space :
[modular design + expandable area]

+ How can RE-USE materials be incorporated into architecture?

We need to consider the extraction, transportation and assembly of materials to be responsible designers. The impact of the energy use and the architecture itself also needs to be a consideration. The design will consider the context of its built environment and promote the sustainability of it.

The best possible scenario would be to extract materials from the site, which decreases all transportation

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What's the benefit for the target group?

A fresh response to over used materials, while maintaining positive spatial qualities inside and out. The design is also vernacularly responsible and provides good air quality for the users, which is important for hosting events.

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How does your idea solve the problem?

Nearly 100% recycled materials are used in the design. The pre-fabrication of corners and modules allow for simple, on-site construction with a minimum of persons needed.

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What could be the perfect event to implement your approach/object?

The design is successful in the sense it can transform throughout the day. An outdoor office by day, and a private dining room by night. The rooftop terrace allows for the prototype to produce food for any event, while inviting users to enjoy a sunset or a night sky from the top deck.

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Which problem is solved by this idea?

Sustainably allowing growth of personal space through the development of re-using materials. The material palet is taken from pre-existing suburban conditions, allowing the suburbs to turn over in a sustainable way, while incorporating a smart approach to architecture that is tied to its context and site.

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How many guests can participate in your outdoor dinner?

As the design coordinates both interior and exterior spaces, the prototype serves as the functional center piece of the dinner; it can be sat on, or in, or ontop of! This allows the participation to be an intimate 2 persons, or a large gathering of 30.

Dining Outdoors

unique

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Creative's profile



BPENDZ PRO
Architecture

Creative's top 5 skills

Graphic Design, Illustration, Photography

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jovoto

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