

Timeline

- Contact Lending Hands
- Receive Information Booklet (within 7 days)
- Project Meeting with Lending Hands (within 2 weeks of receipt of booklet)
 - Finalize building design
 - Discuss building permit needs
 - Contact contract labor
- Obtain Building Permits (time varies per location)
- Construction (immediately following permits)
- Move-in (time of construction will vary based on personal labor efforts and contract labor needs and availability)

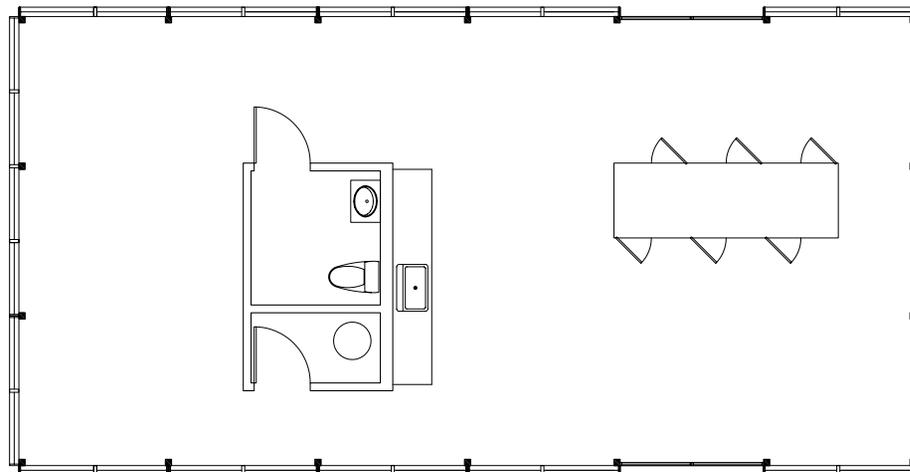


Skills Needed

These are the basic skills necessary for the construction of this structure.

Contract labor may be necessary.

- Carpentry:
 - Framing of structure and roof
- Roofing system:
 - Installation of single-ply membrane system
- Electrical:
 - Installation of common household wiring and electrical fixtures
- Plumbing:
 - Connecting to main water supply and sewer system and installation of common household plumbing fixtures



FLOOR PLAN
SCALE: 1/4" = 1'-0"



Quick Facts

- Cost of building materials: \$16,000.00
- Cost of contract labor and building permits will vary based on your specific needs and location.
- 1,152 square feet of usable space
- Timber constructed structure with cement foundation.
- 1 bathroom
- 1 kitchenette
- Multiple enclosure options

Mission Statement

To design a multipurpose structure and make the plans available to those affected by a natural disaster.

Background

In 2005, America was blindsided by the fury of hurricane Katrina. Many people lost their homes, and entire communities were destroyed.

In an effort to help those hardest hit, Professor Frank Flury and teams of IIT students built two buildings in Mississippi. But it became obvious that in order to help more people more efficiently, a project would have to be created that would enable people to help themselves.

IPRO 324 was created for this purpose. The team was created to design a simple, inexpensive building and create an instructional handbook detailing the construction of the building. This handbook will enable the average individual to construct a new building at the price of approximately \$16,000.

Advisor:
Professor Frank Flury

Team Members:

Business Team
Christina Barrett
Julian Beltran
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Melissa Grandhi
Melissa Lemons
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Design Team
Kelleny Allen
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<http://www.iit.edu/~ipro324f06/>

IPRO 324: Disaster Recovery: Do-It-Yourself Home Building

