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Introduction to this Document

This document is for outlining the assembly of the microhouse v3. If you have anything to add to the document, please do so. These steps are in a chronological order but some steps can be worked on at the same time

MicroHouse Sketchup File

Download latest version of the sketchup model found here: [Sketchup Model](#)

Review Questions

1. Should the first floor bond beam go around the entire perimeter of the house <http://opensourceecology.org/wiki/File:MicroHouse3.skp?>
2. Is the mounting of rafters to the upper and lower mid truss strong enough?
 - a. should cripple studs be added to connect the upper and lower 2x12's and the rafters?
3. In what order should the flashing, tar paper, and corrugated roofing be installed?

Steps for Completion of the House

Exterior Work

- Bring modules into the house that don't fit through the door
 - Shower
 - Put shower in bathroom either through ceiling or by taking away southern bathroom partition
- Finish the first story walls 7'2"
- Install window lintels above kitchen and bathroom windows
- Install loft substructure
 - knock out bricks to make room?

- Blow insulation
- Bond Beam - 1st floor
- Install front truss (fastened to bond beam)
- Install first story wall modules (starting at front truss)
- Install mid-truss module (fastened to wall module)yy
- Fasten bathroom partition walls to floor, walls, and each other
- Install Cripple Wall Modules on top of bathroom partition
- Install loft framing
- Install loft sheathing except 2' section at edge where railing will be installed
- Install stair stringers
- Install temporary stair treads
- Lay bricks for second story wall up to 14'
- Install first floor rafter modules
- Install second story framing modules
- Install second story rafter modules
- Install First & Second Story Roof Sheathing
- Install soffits
- Install fascia
- Install roof flashing
- Install Tar Paper on first and second story roof sheathing
- Install corrugated roofing on first and second story
- Wrap House in moisture barrier
- Install Furring on all sides of house
- Install siding
- Install trim

Interior Work

- Move shower into bathroom
- Rough in plumbing
- Install bathroom sheathing
- Install stair risers, treads, and nose trim
- install stair railing
- Install loft railing posts
- install last loft sheathing over railing posts
- install remaining railing
- Floors?
- Install appliance, counters, etc....

Missing Information/ Information to be Added

- Fastening Schedule
 - What kinds of fasteners and where do they go?