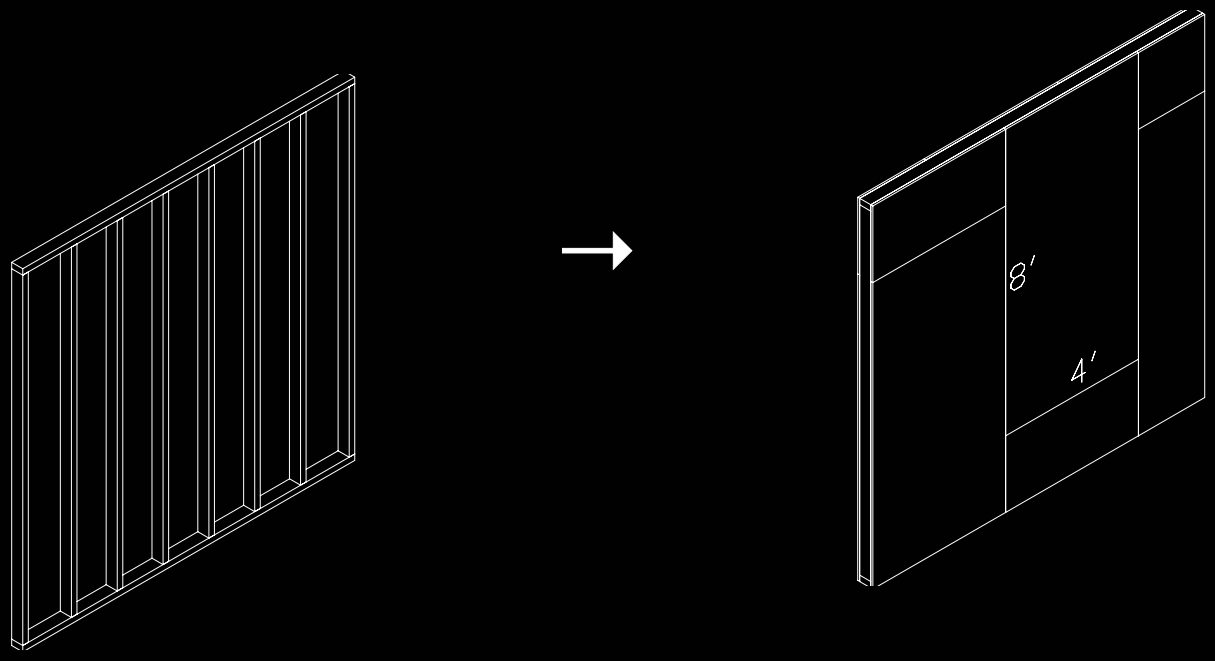
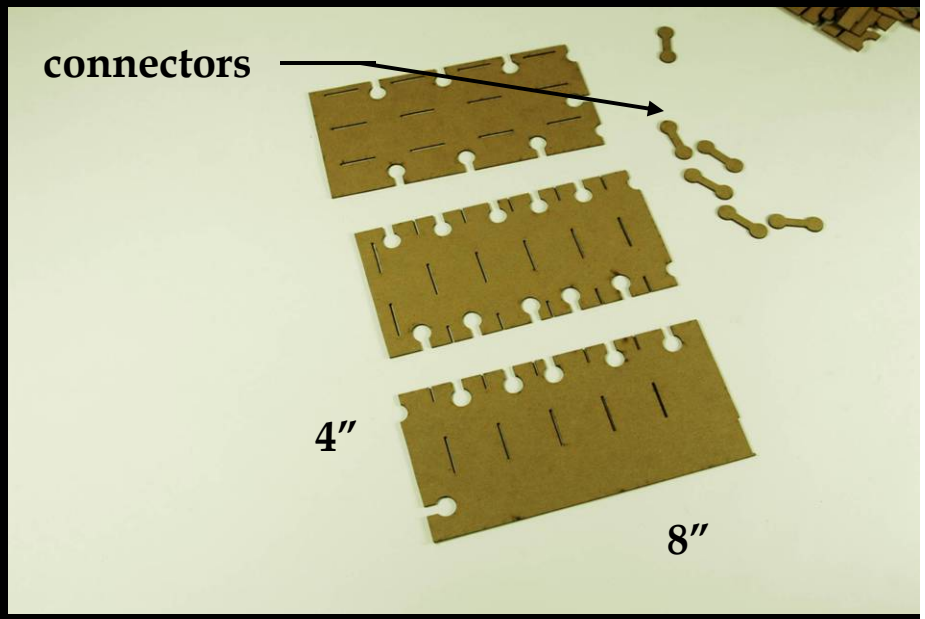
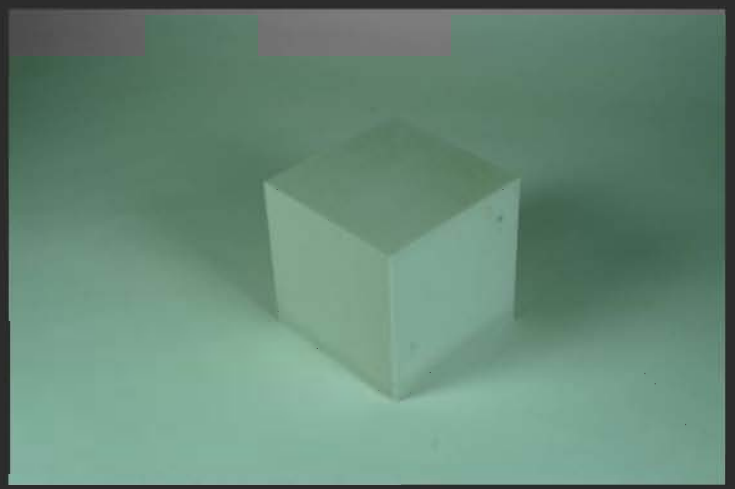
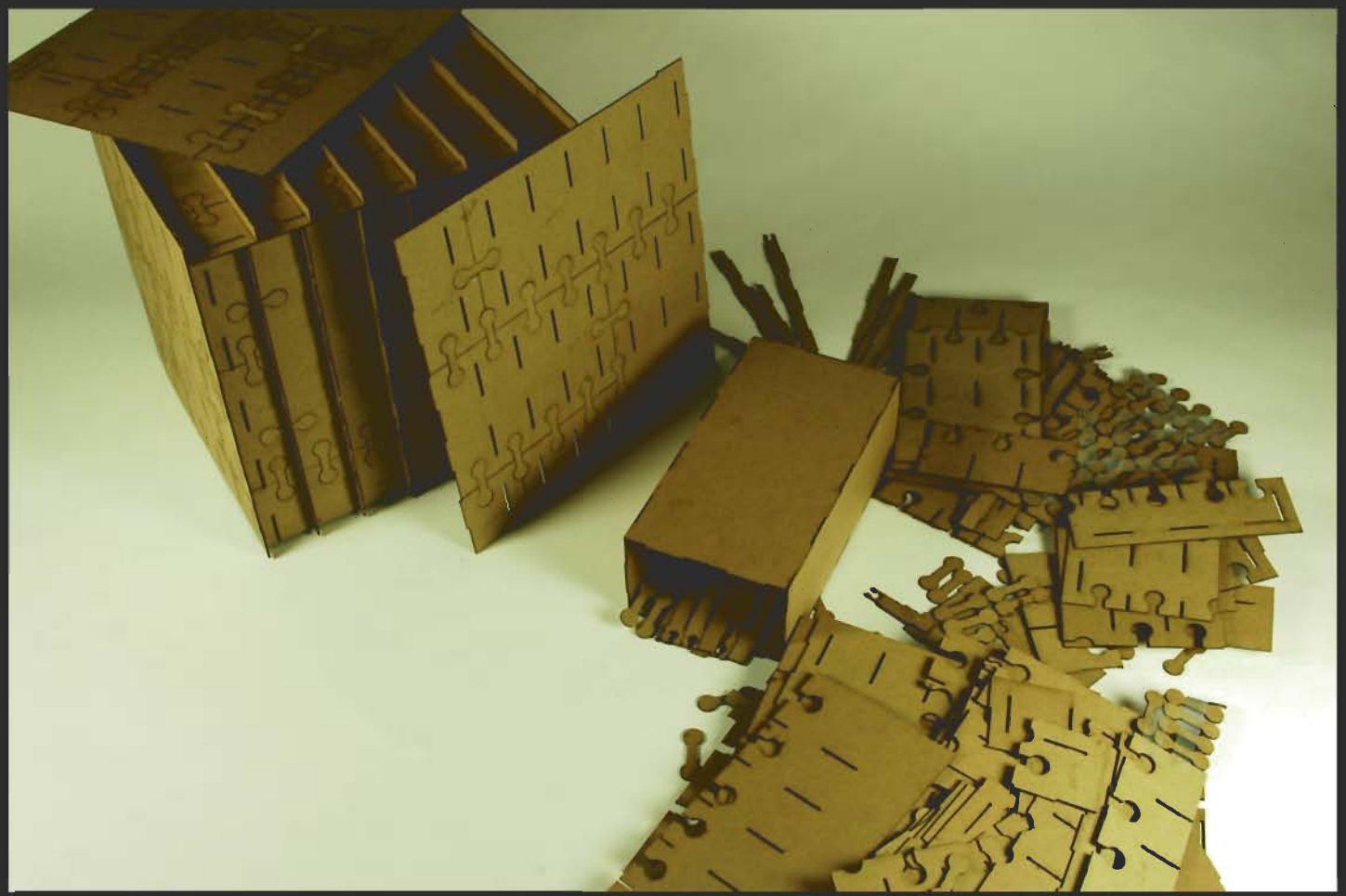
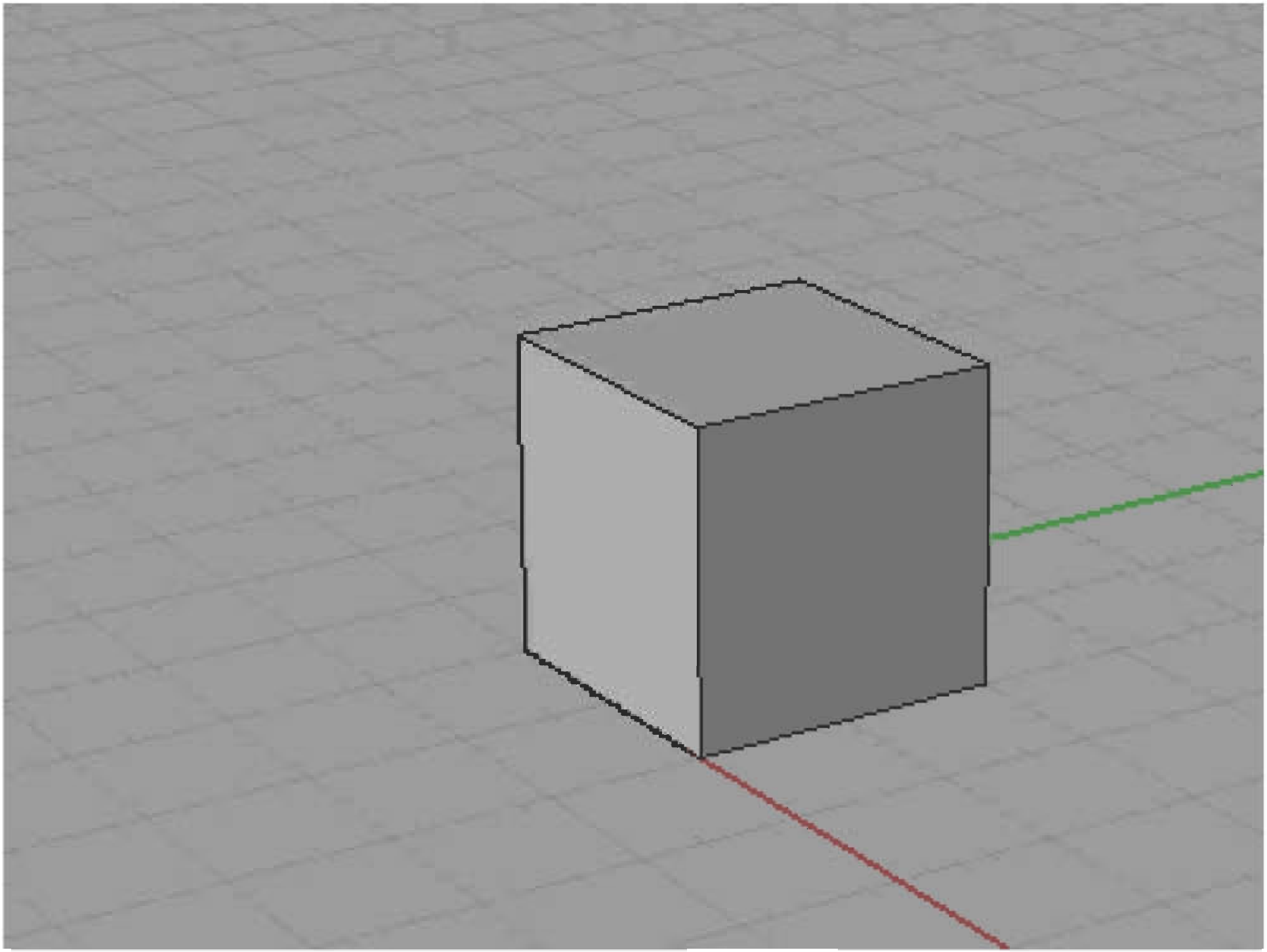
- Rules for traditional walls

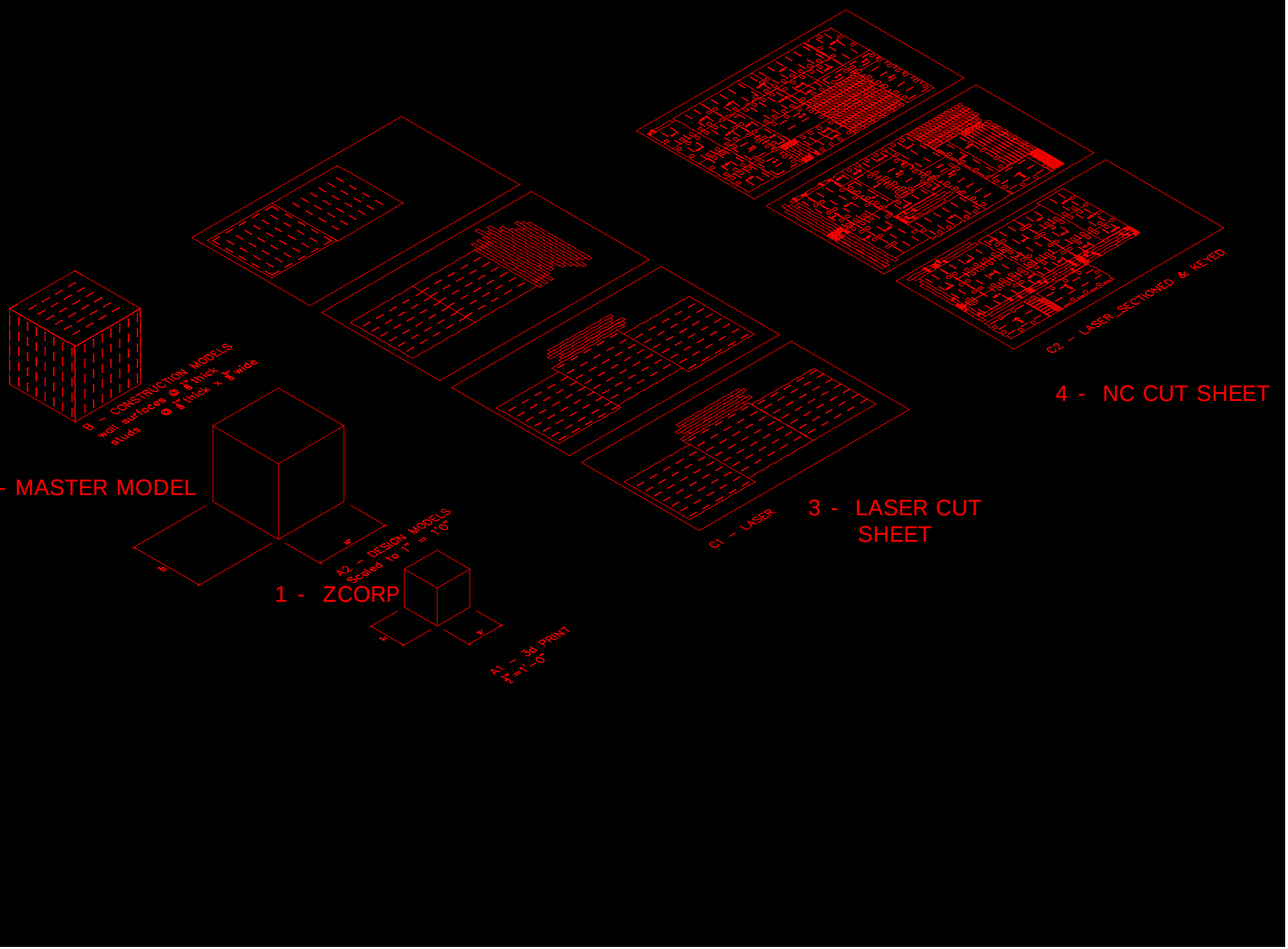



connectors
4″
8″

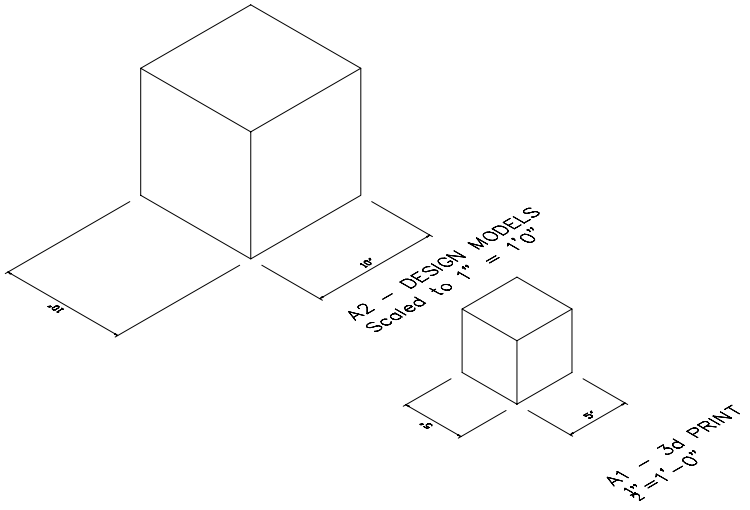


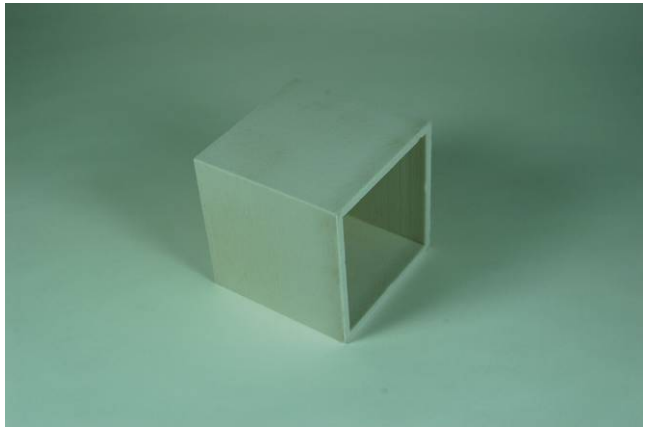




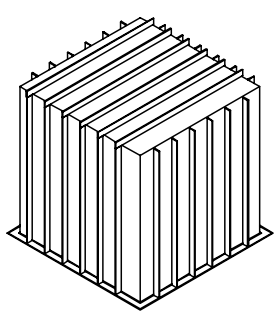

B – CONSTRUCTION MODELS
wall surfaces @ ⅛" thick
studs @ ⅛" thick x ¾" wide
2 - MASTER MODEL
A2 – DESIGN MODELS
Scaled to 1" = 1'0"
1 - ZCORP
A1 – 3d PRINT
3" = 1'-0"
C1 – LASER
3 - LASER CUT SHEET
C2 – LASER SECTIONED & KEYED
4 - NC CUT SHEET

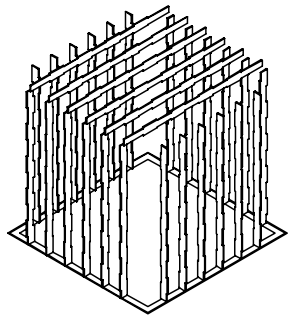
# 1 - Design Model

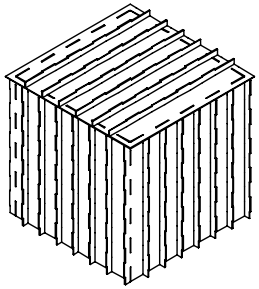


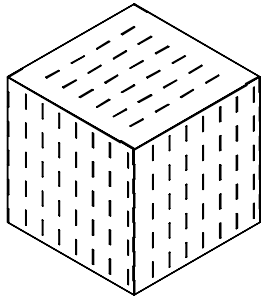



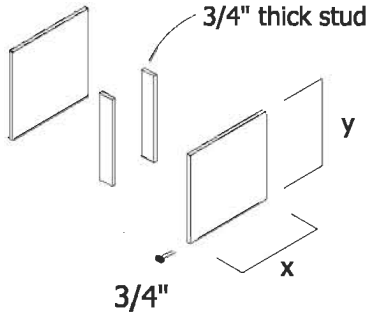
# 2 - Master Model



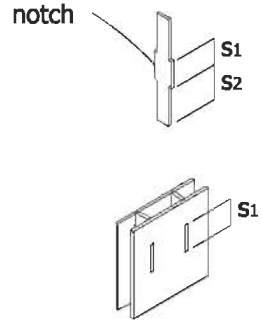




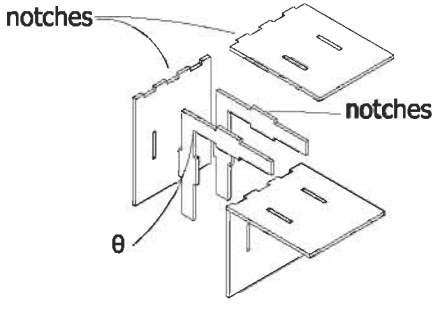




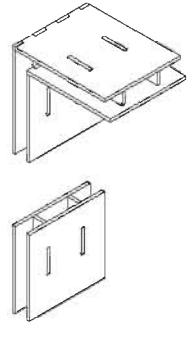

common wall



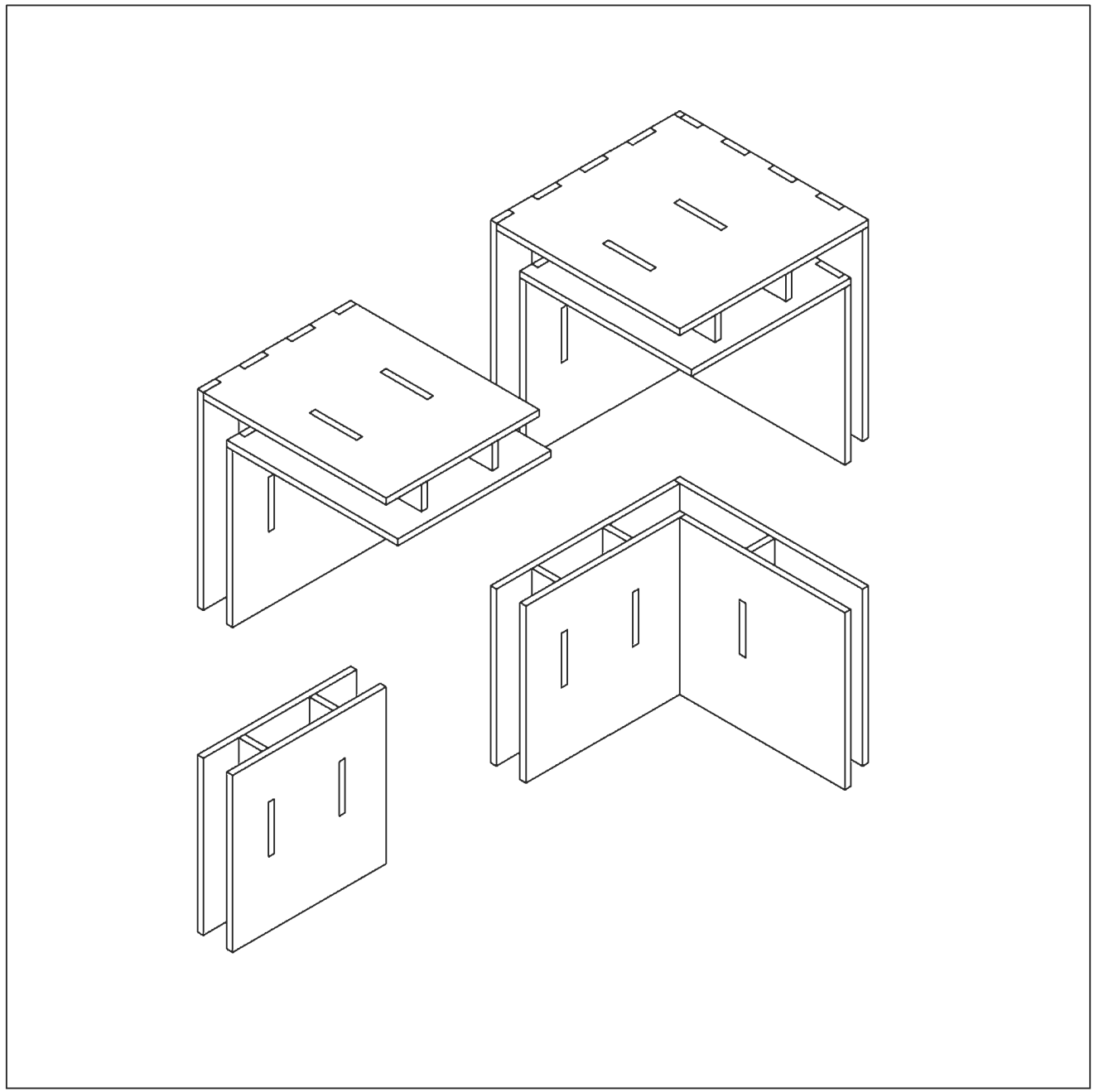

machine wall



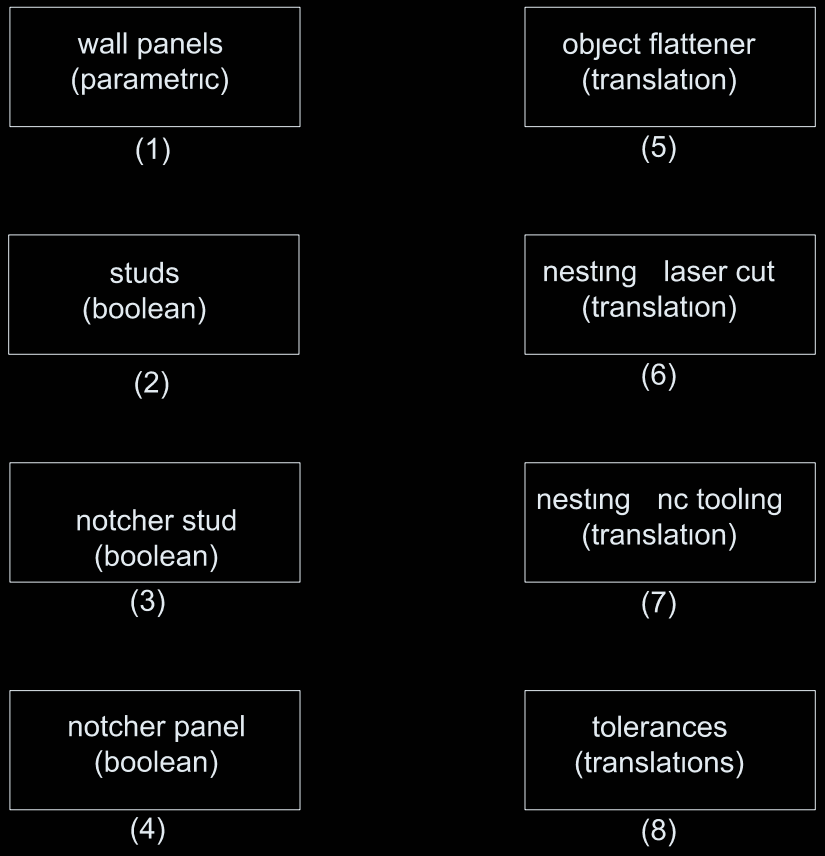

end assembly

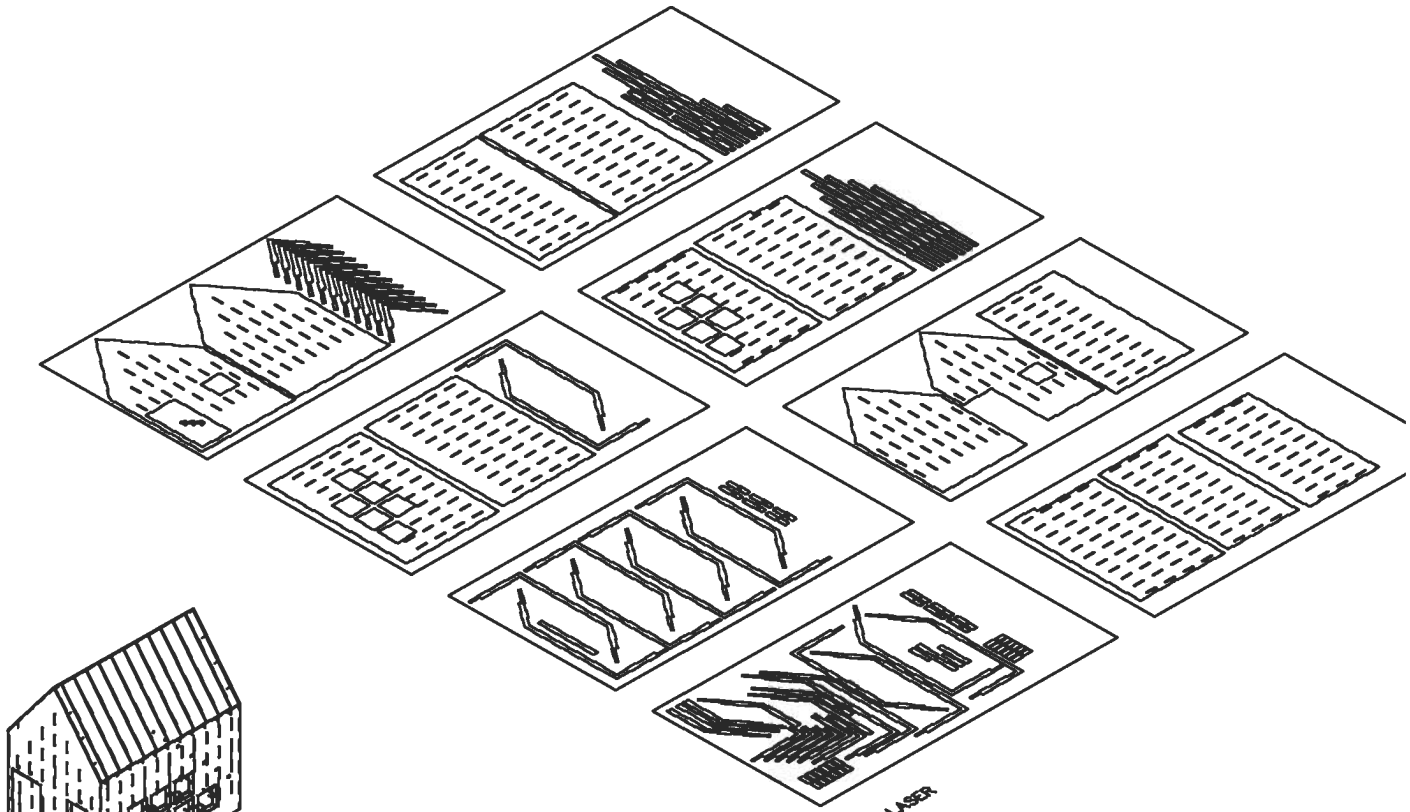


wall and end assembly



# 2 – Master Model Program Functions

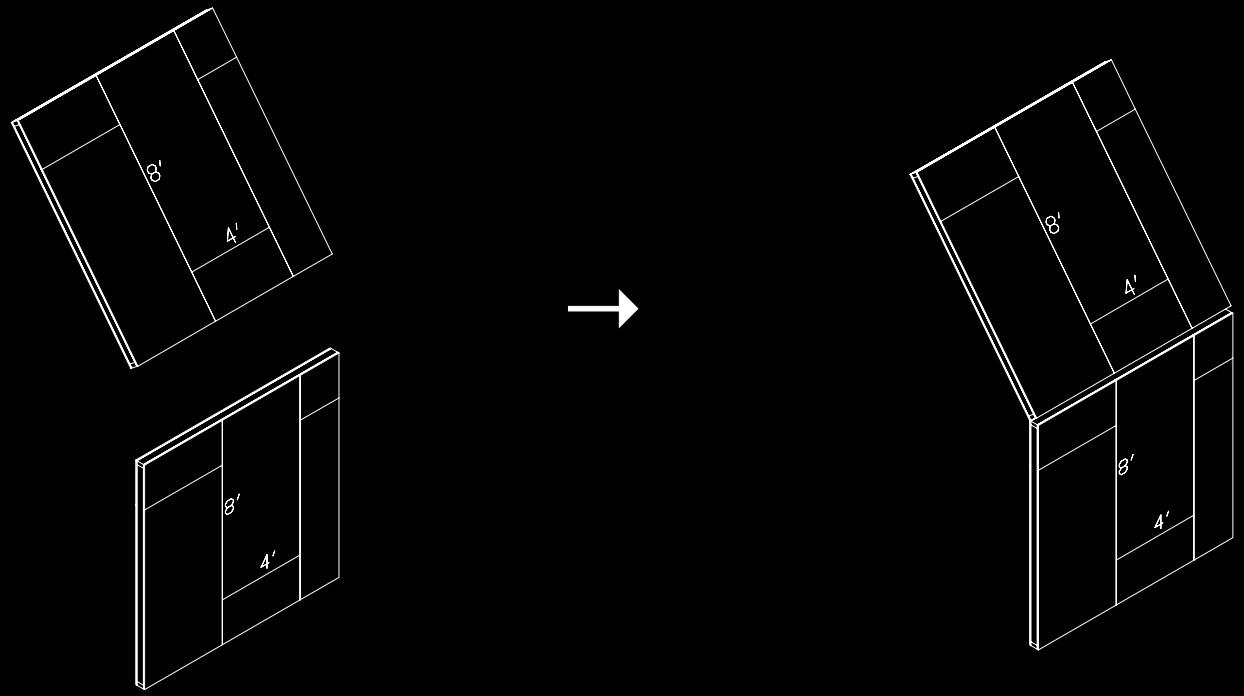


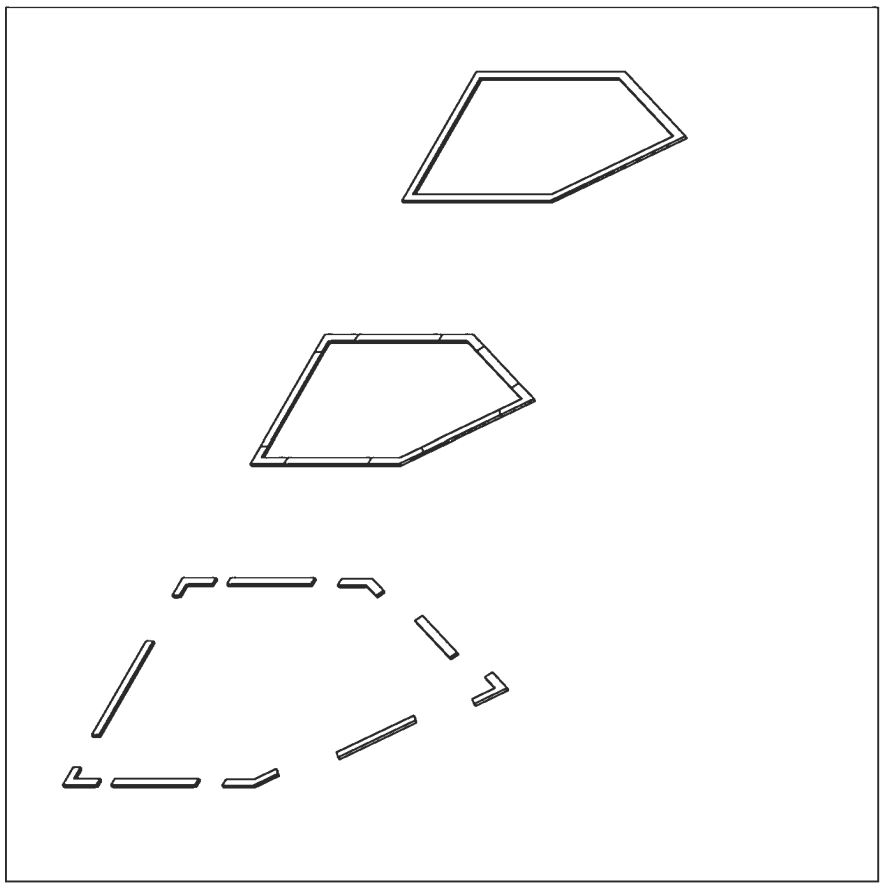


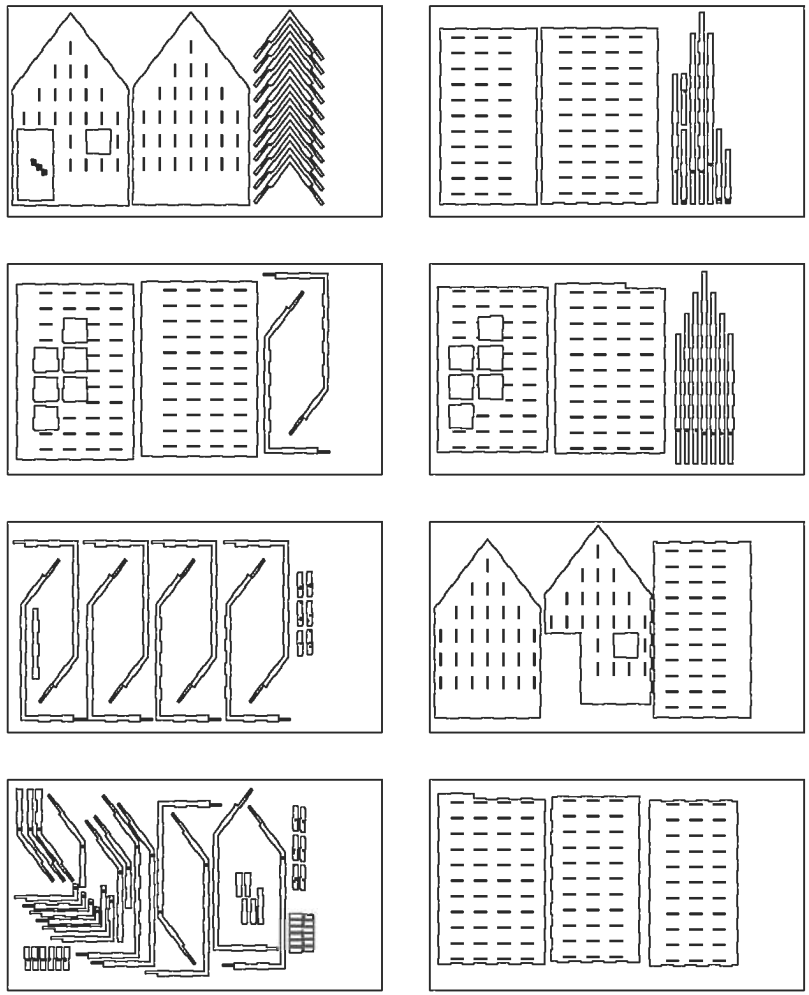
B – CONSTRUCTION MODELS

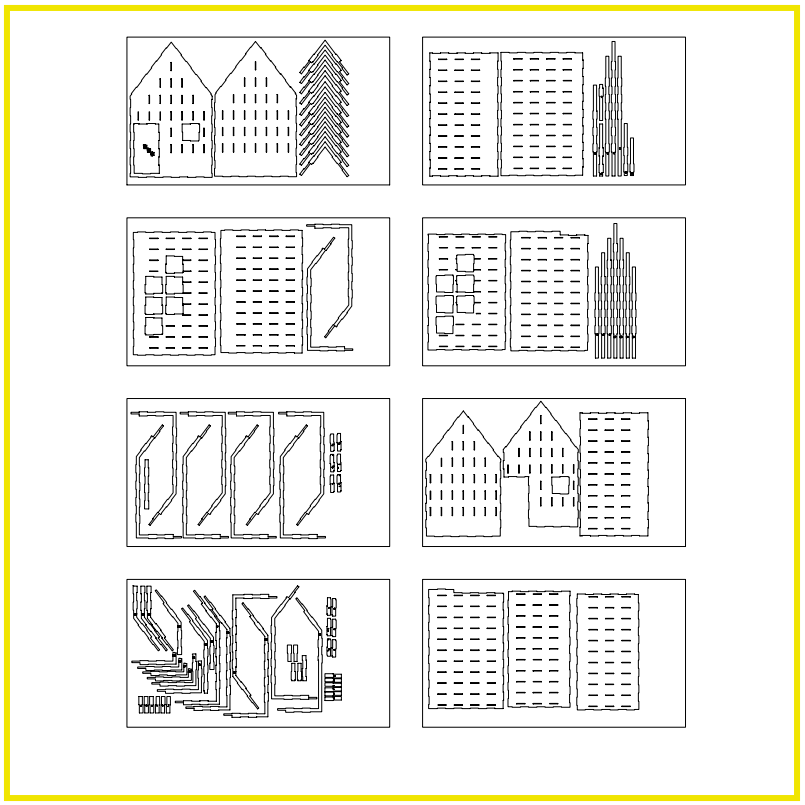
C – LASER

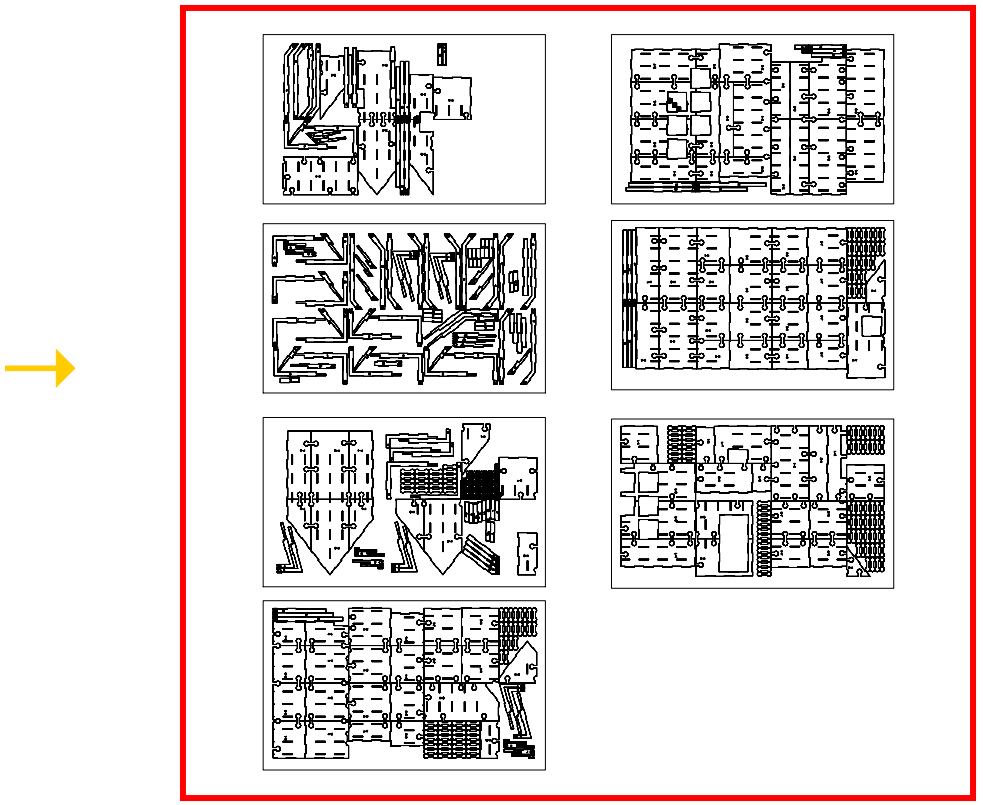
- Traditional wall section

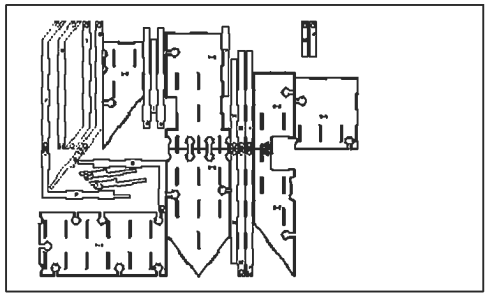


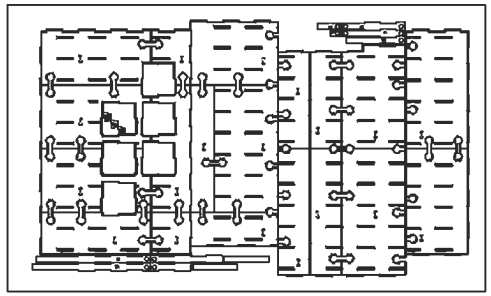


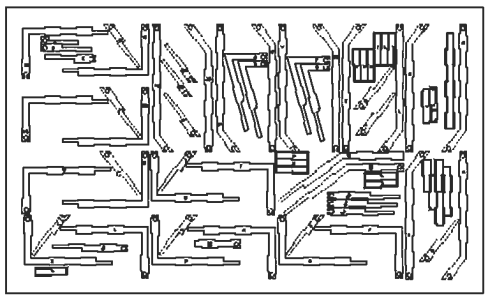


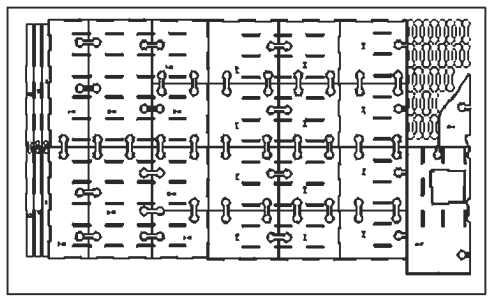


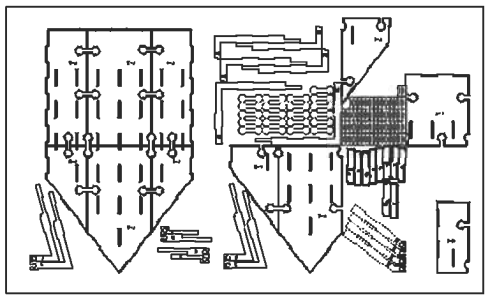


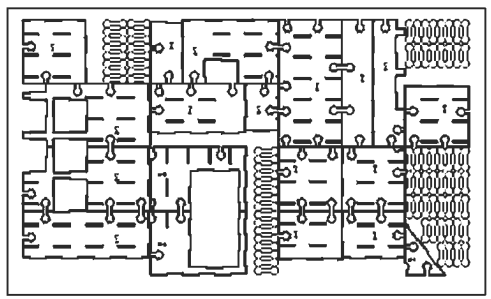


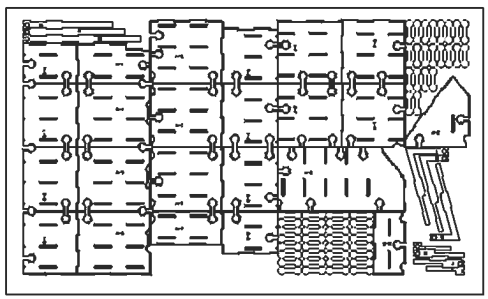


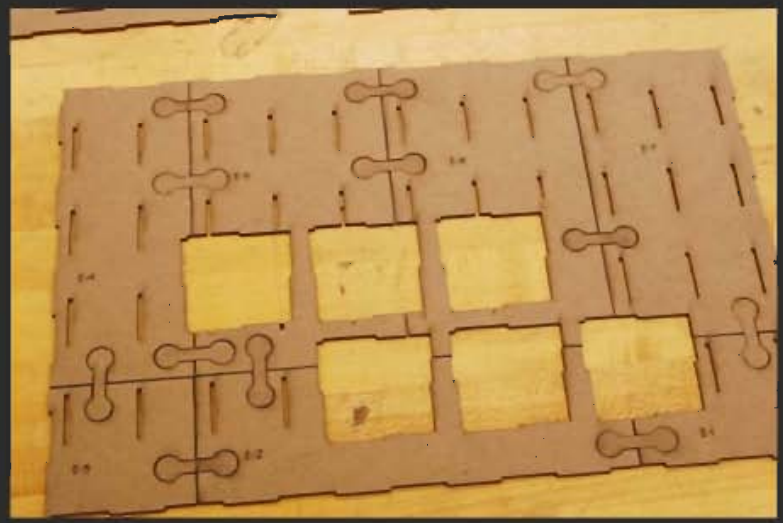


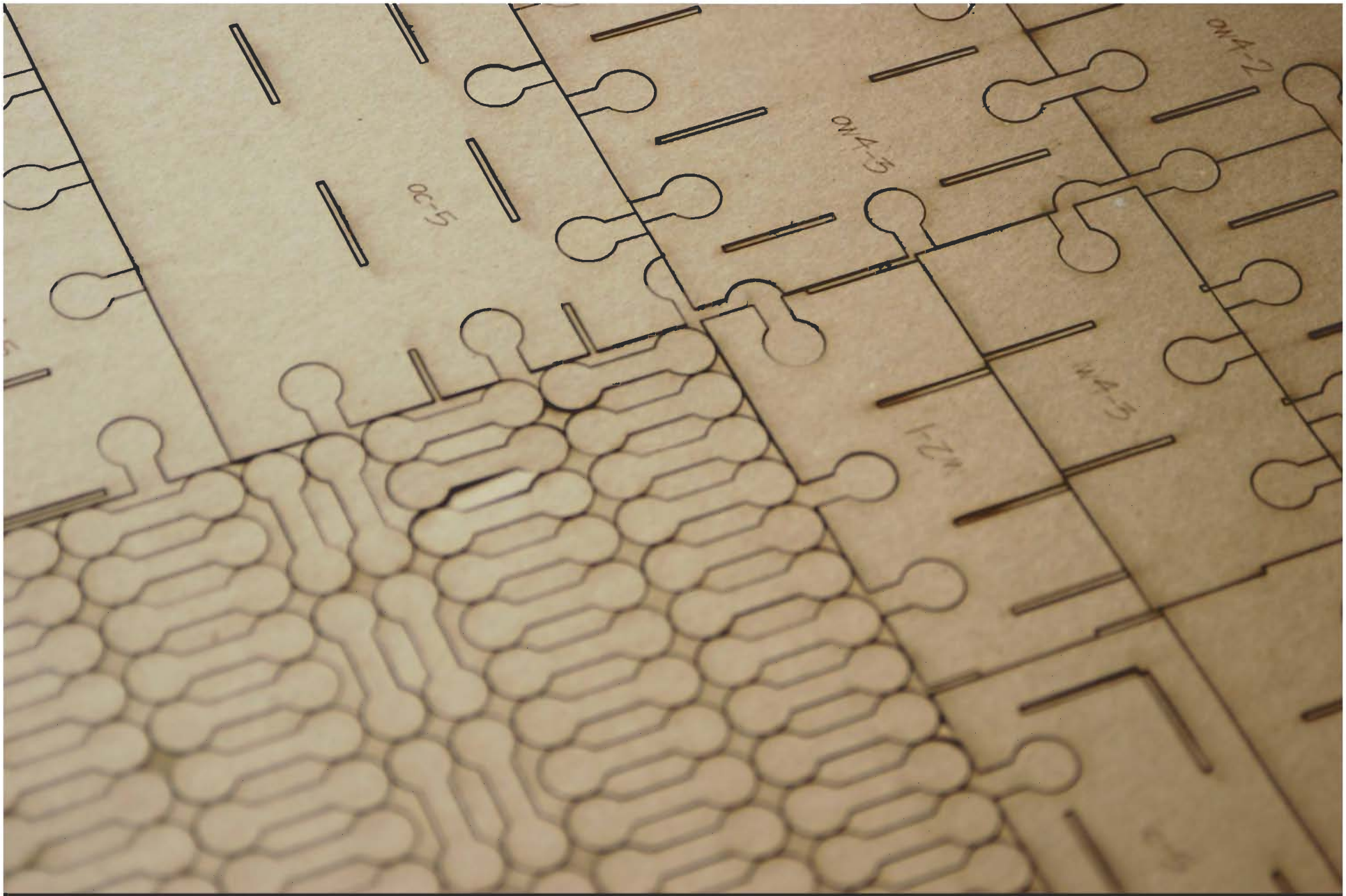


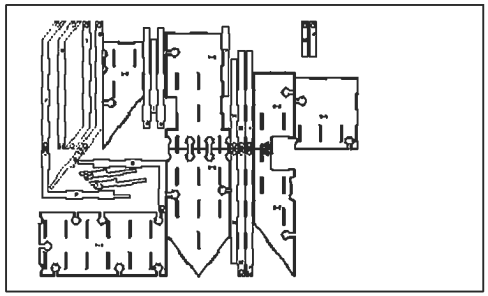


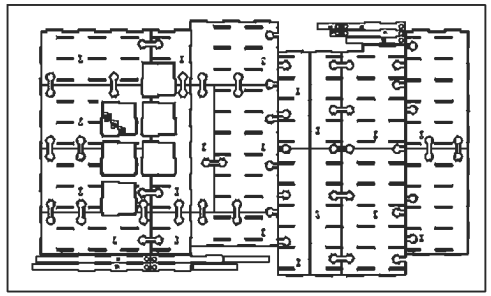


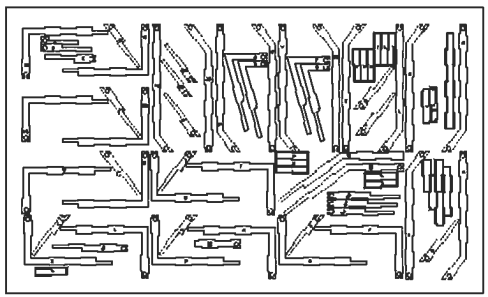


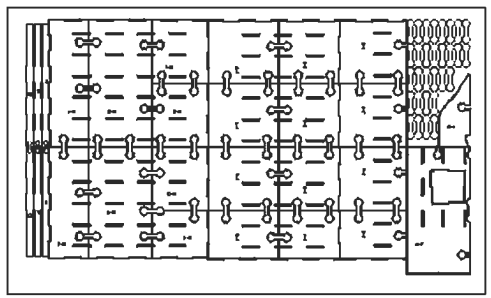


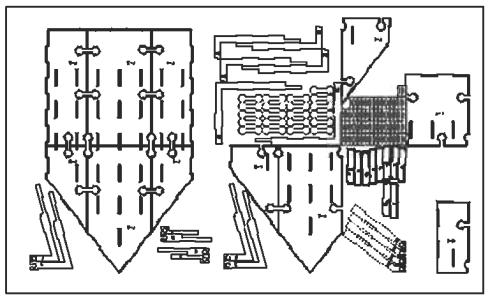

OV-4-2
OV-4-3
OC-5
4-3
1-2

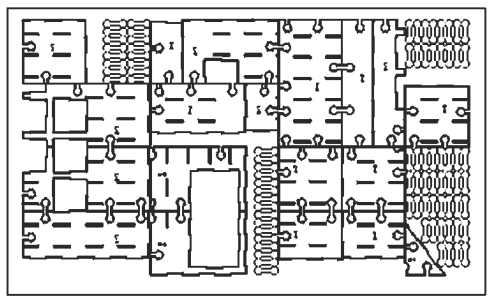


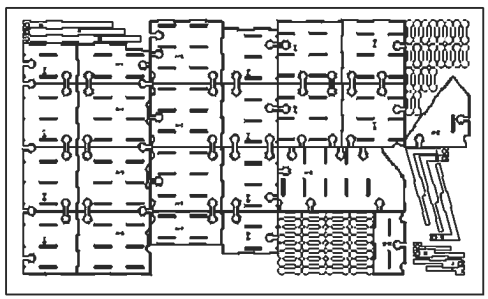


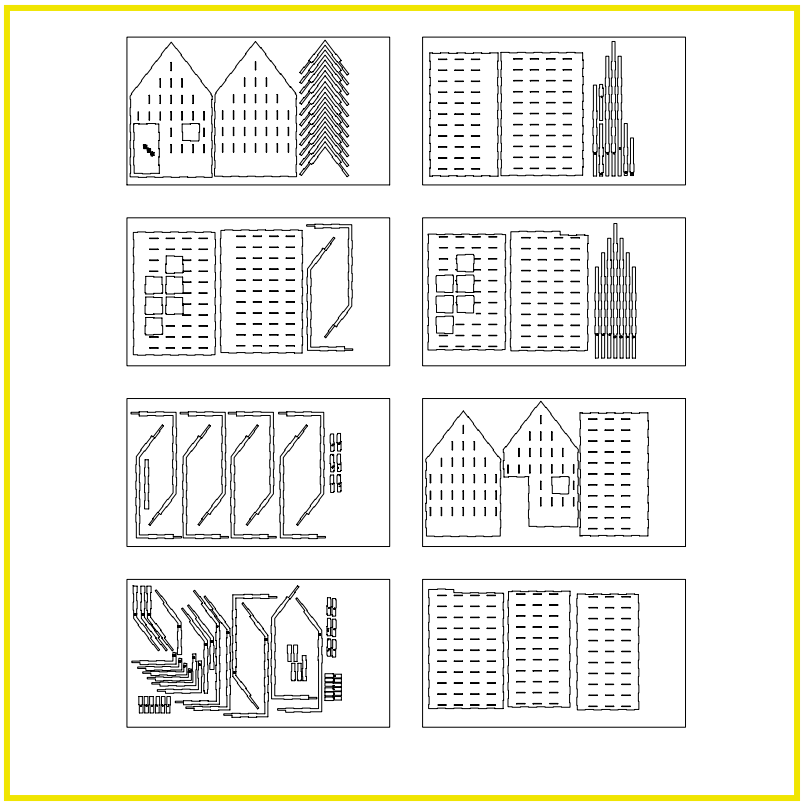


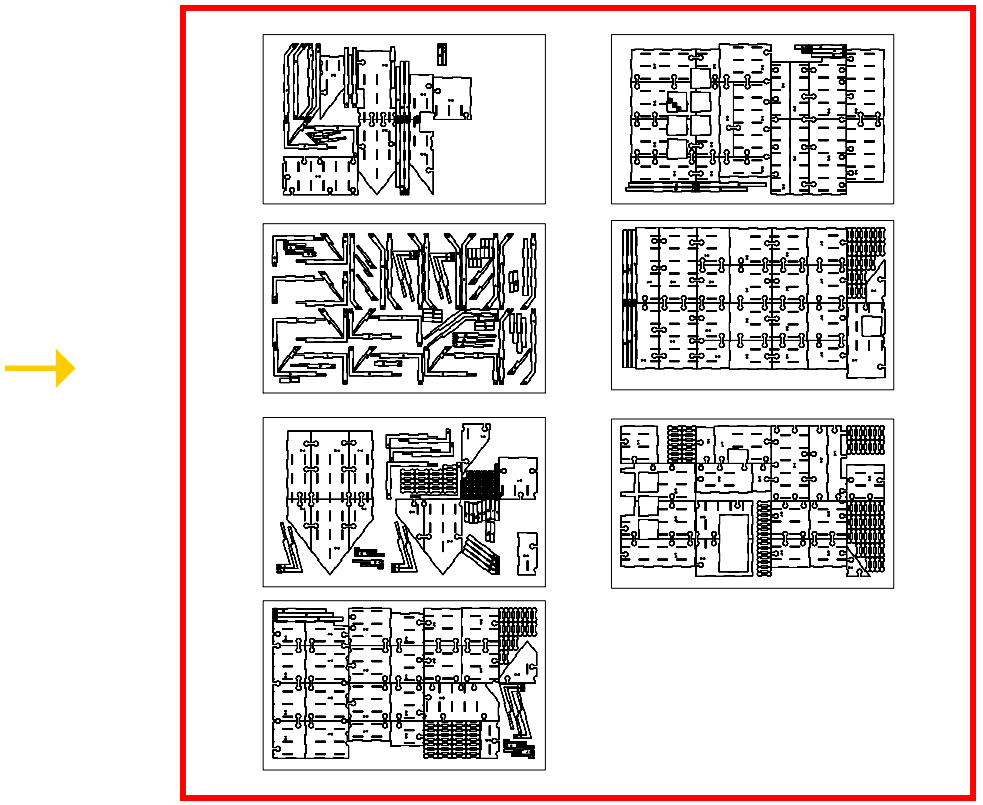


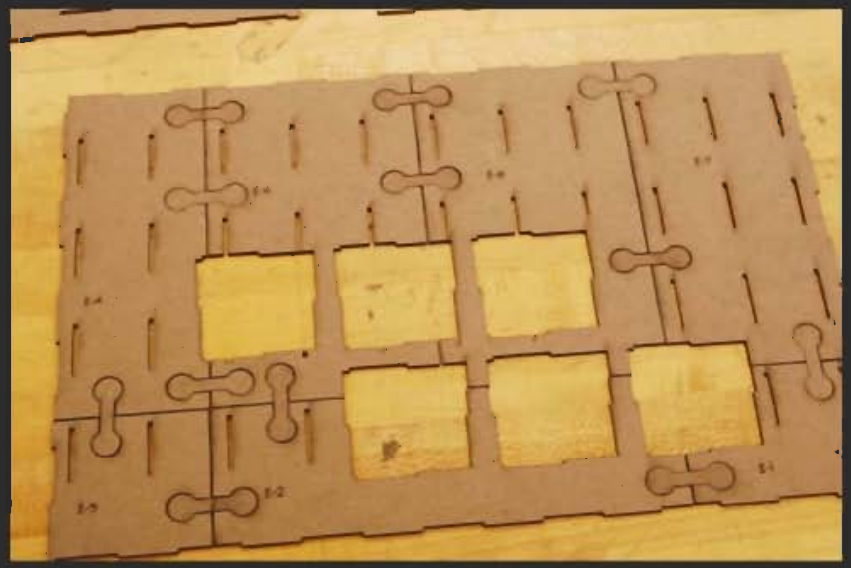






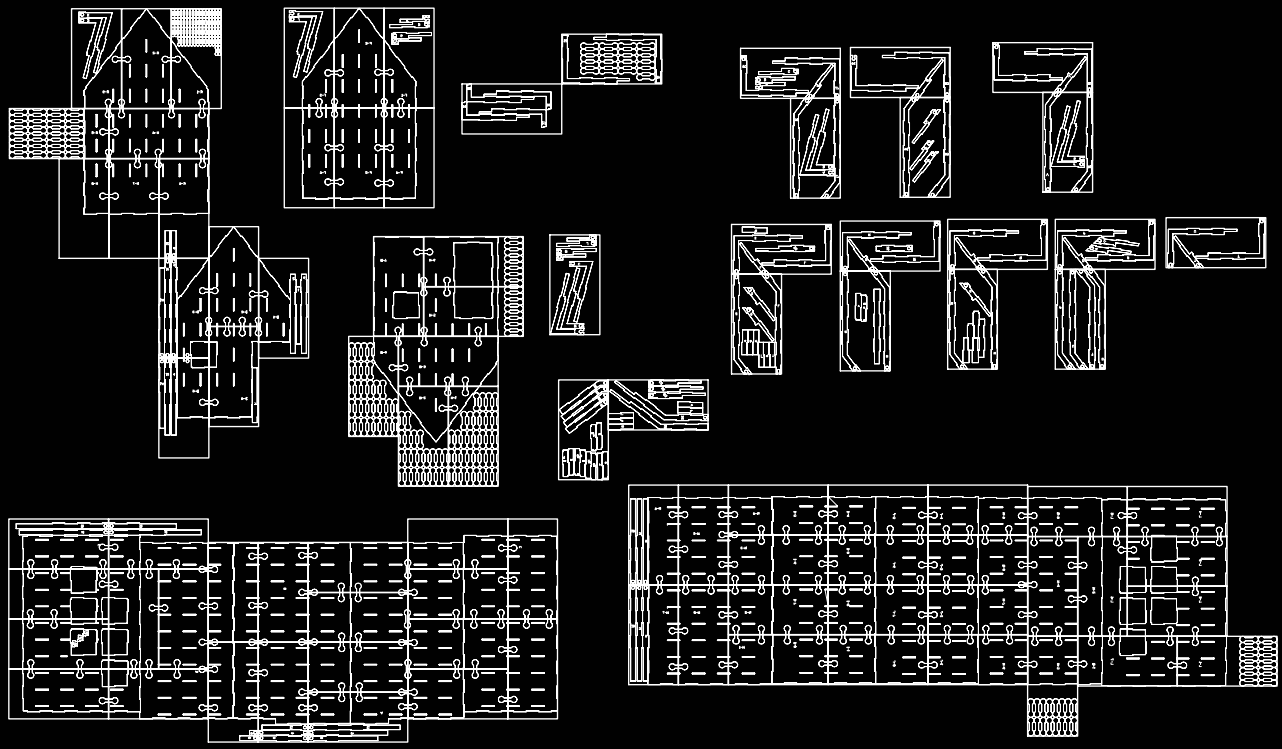






# Plywood Sheets

- **Cut Sheet for House**
- Layout for 4’ x 8’ x ¾” Plywood Boards
- Each Board is $22.00/Sheet  (Home Depo-Boston)
- 93 Boards x $22.00 = $2046.00



# Proposed
# Emergency Housing
# Fabware

1. Builds geometry (generative)
2. Generative base is from material
3. Designs assemblies between defined geometries
4. Prepares geometries for a particular machine
5. Builds geometries at different scales
6. Accounts for tolerances between parts

# Digital Fabrication Software

*Fabware*

1. Generative
2. Scalable
3. Material Constraints
4. Assemblies
5. Tolerances