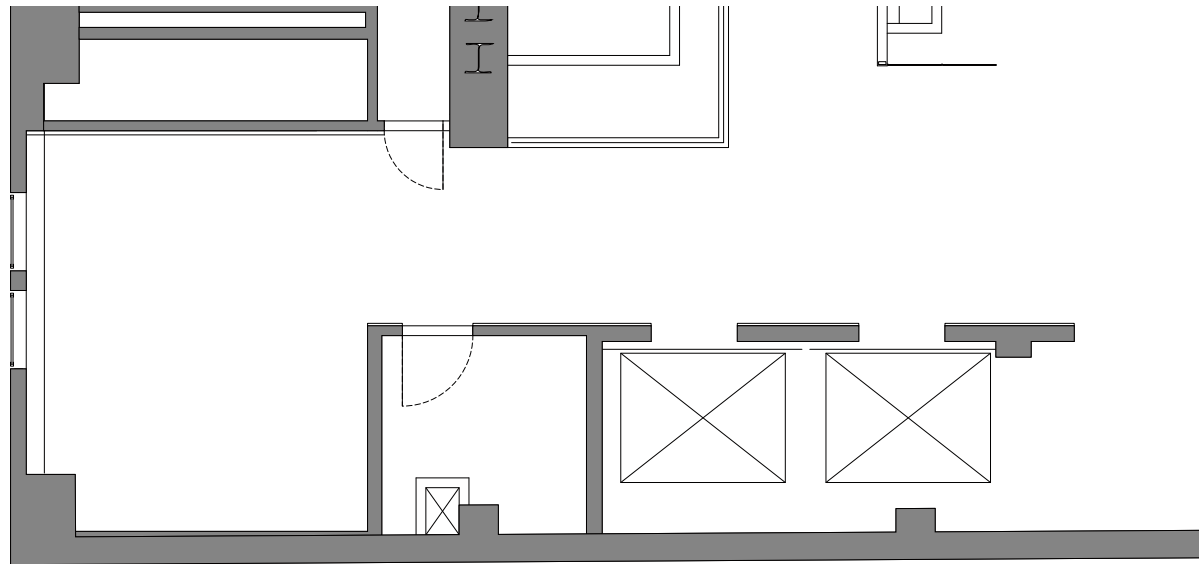


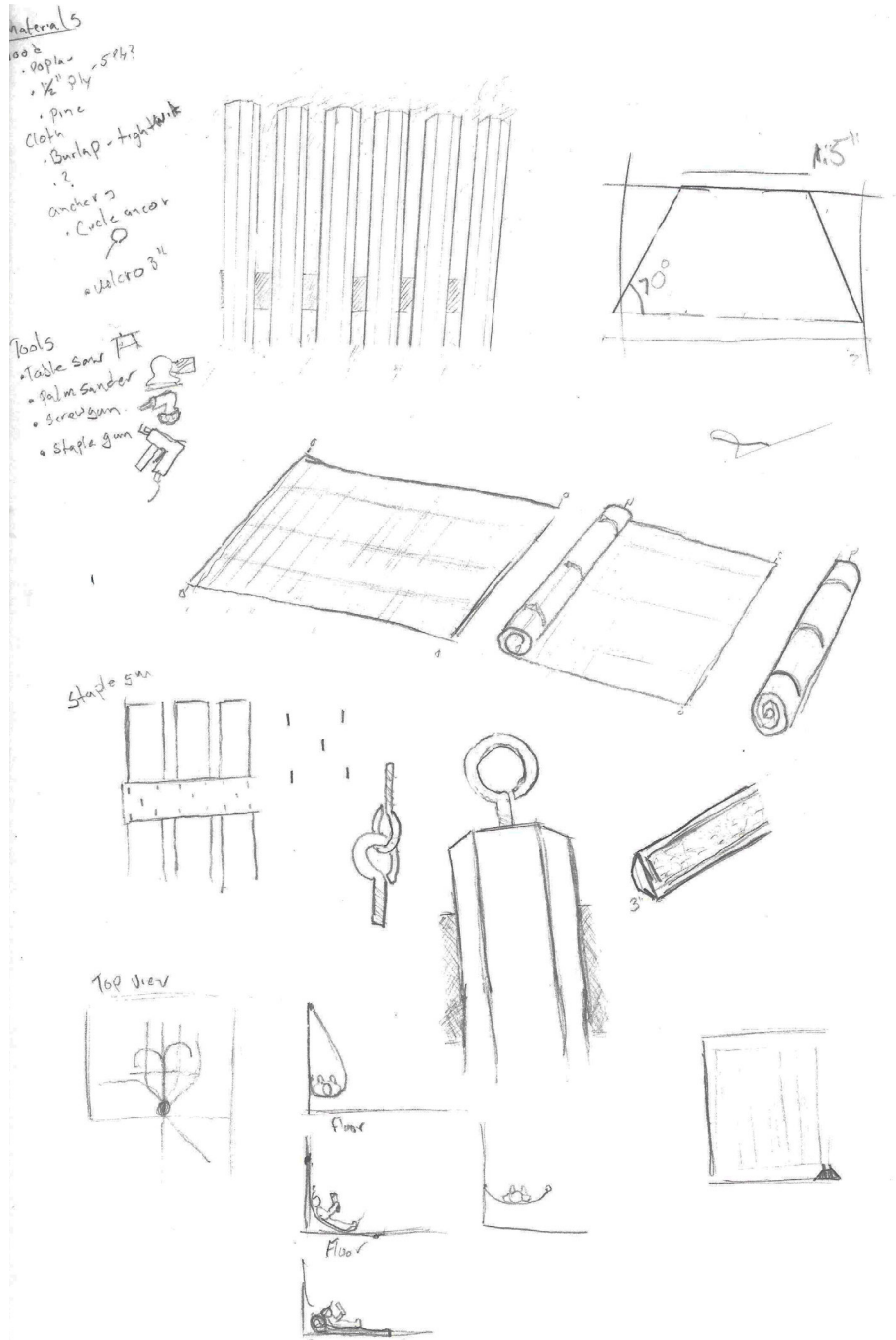
Redefining the South-West Wing

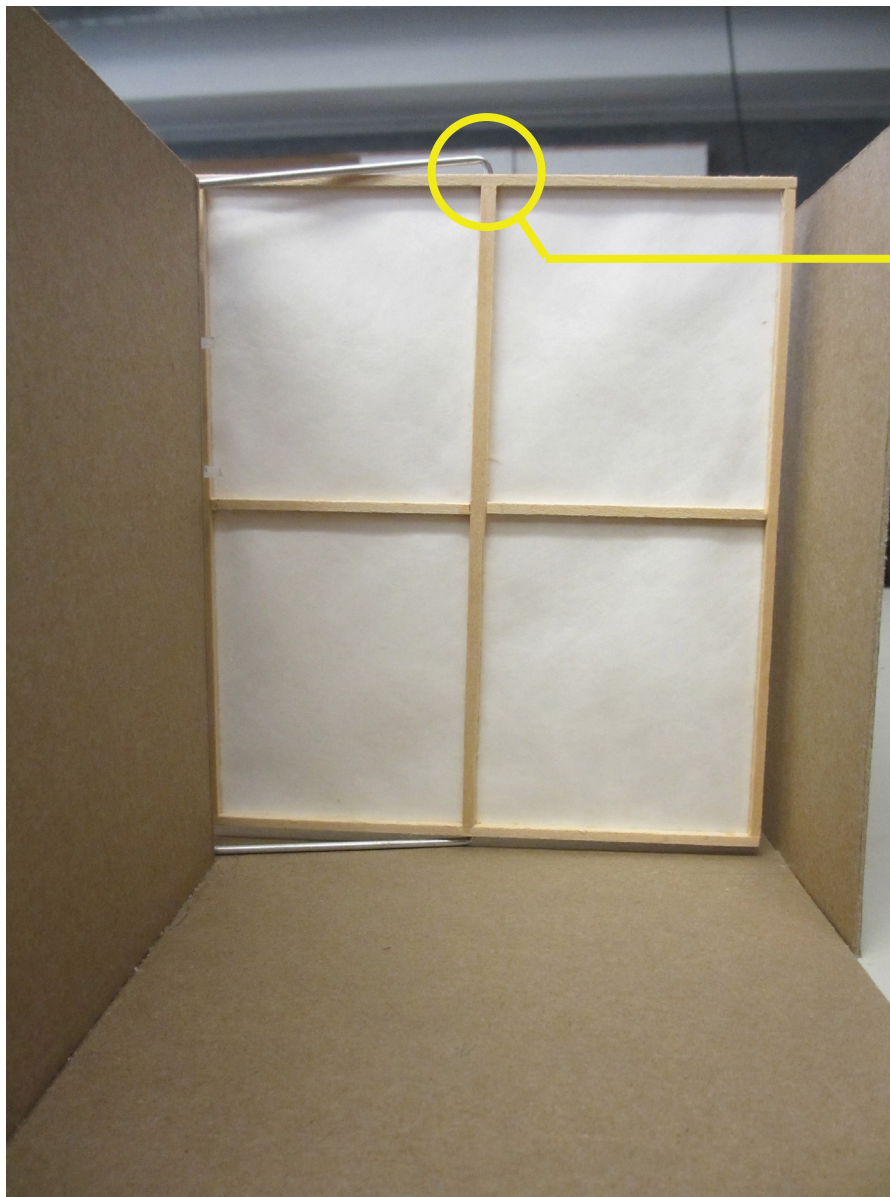


What is the room used for?

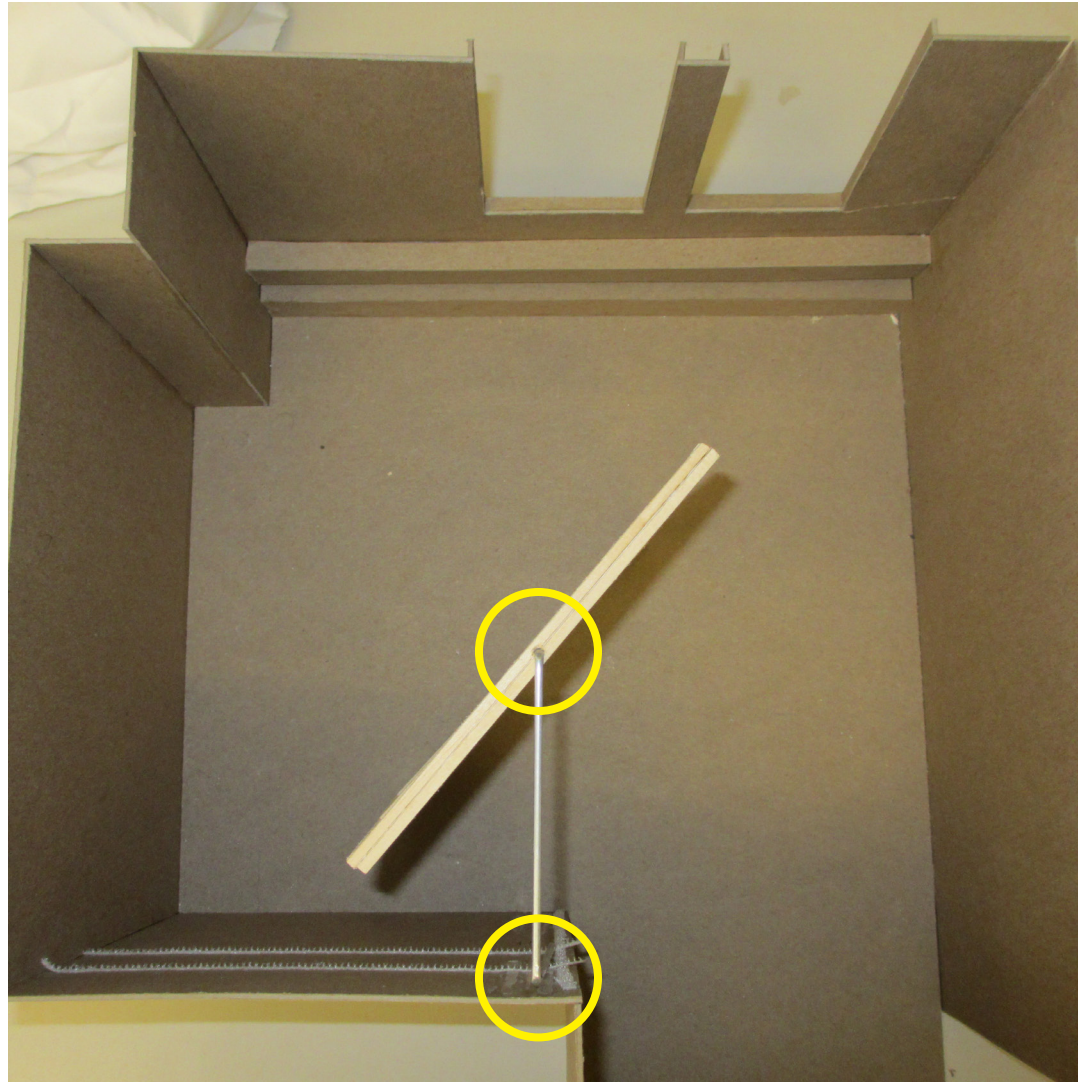
- Relaxation
- Eating
- Phone Calls
- Sleep

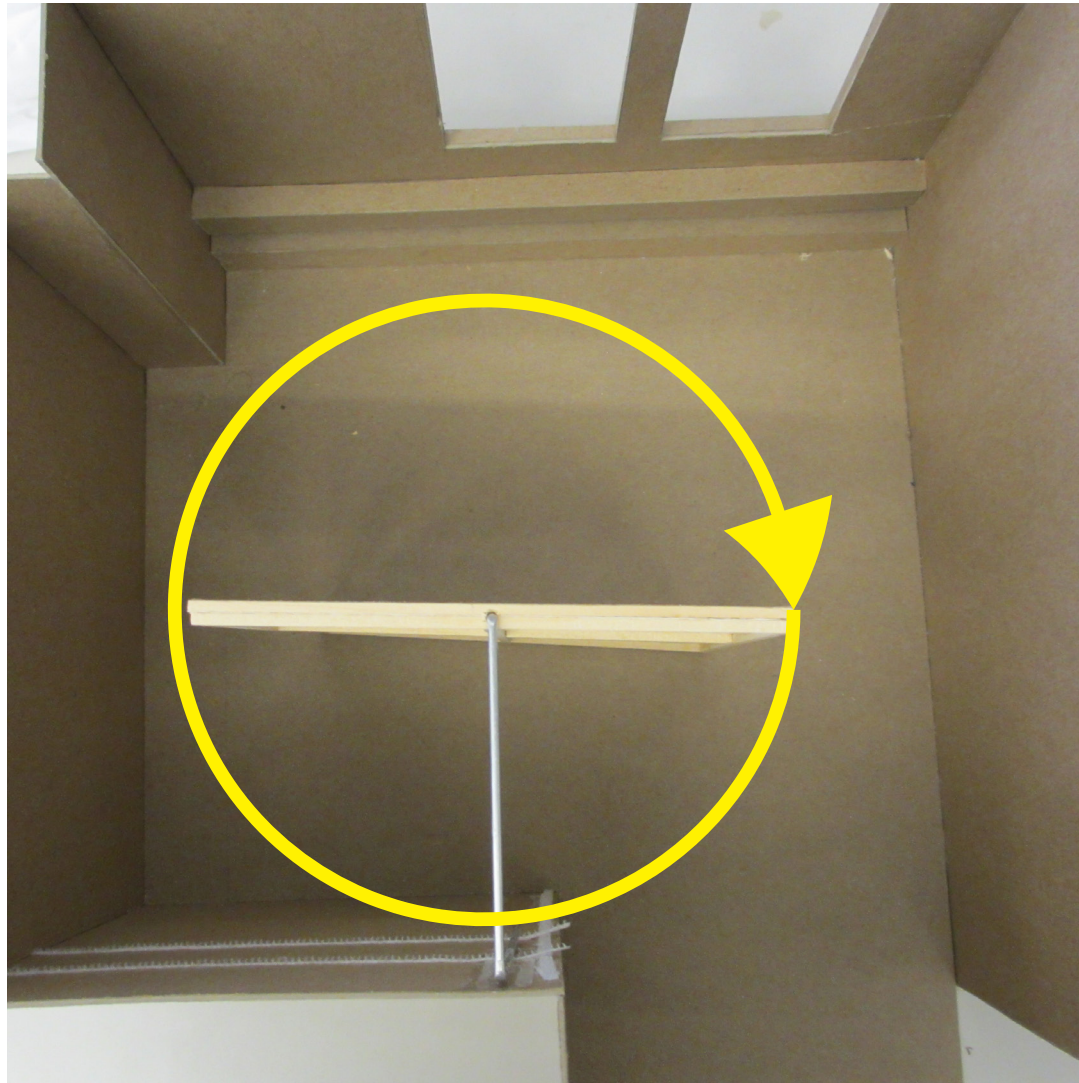
Goal:
to reconfigure the room for more than one use.



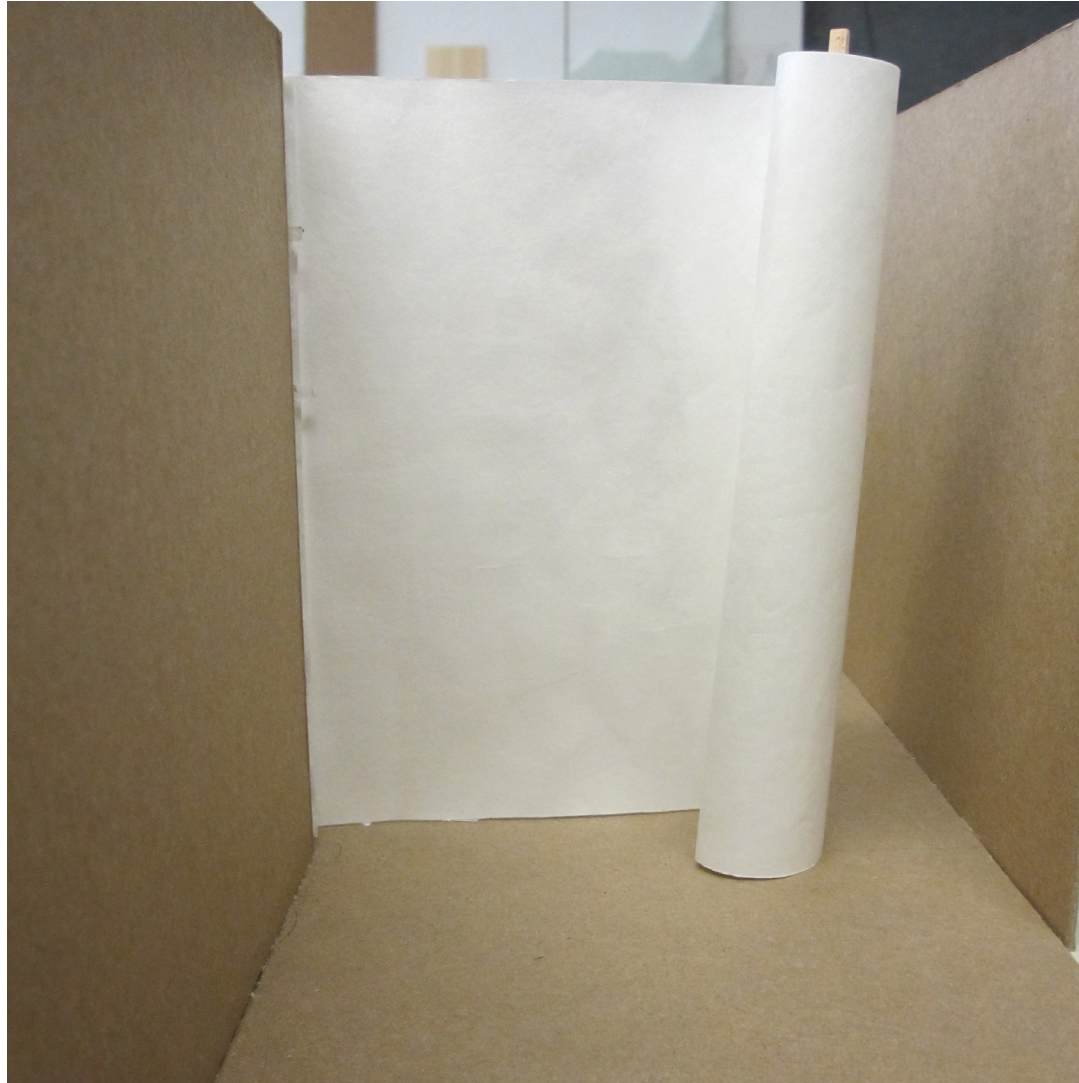


Rotating axis





Second Model:

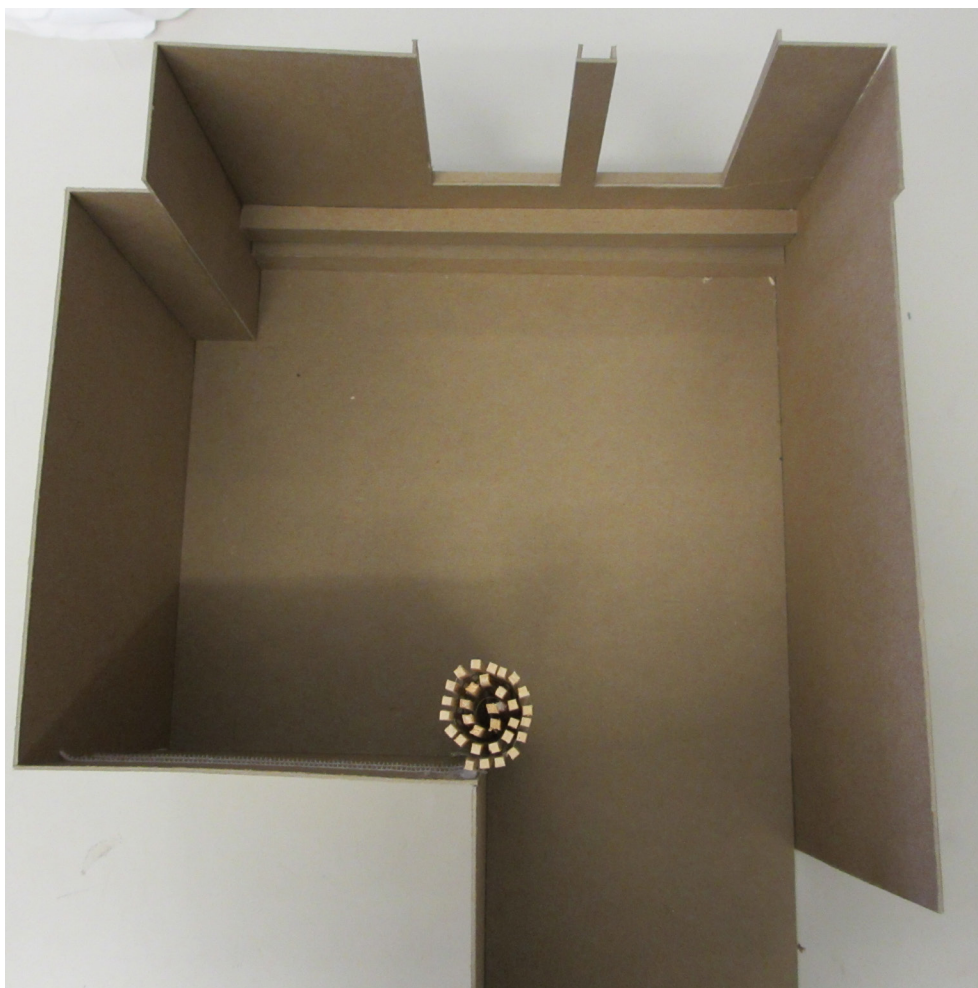


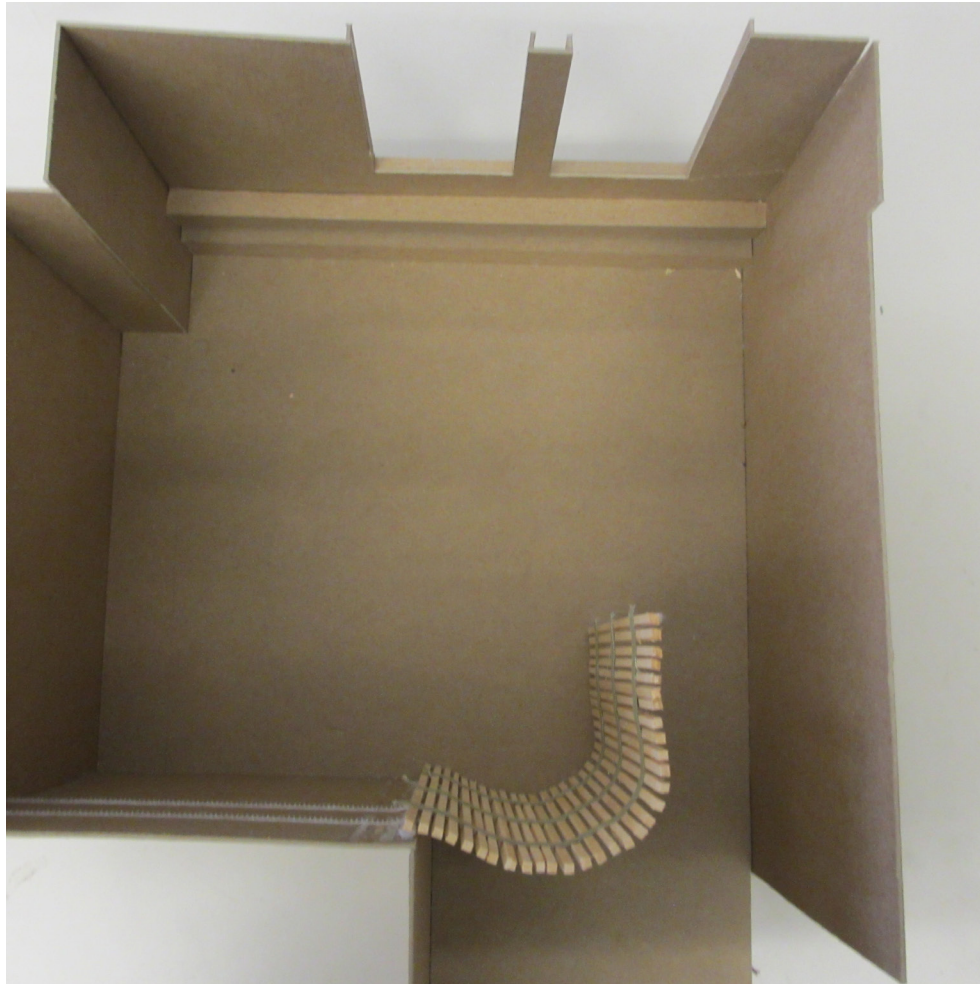


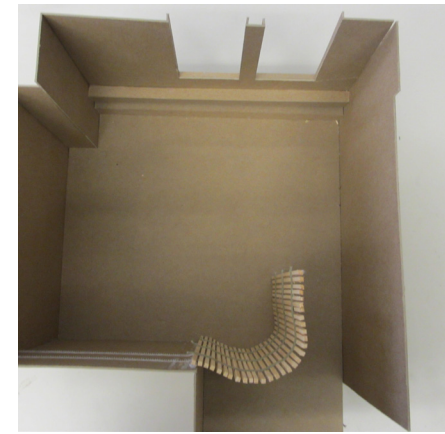
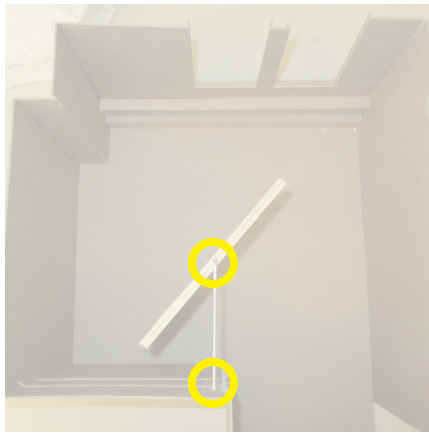
- Free forming
- Less Structure

Third Model:

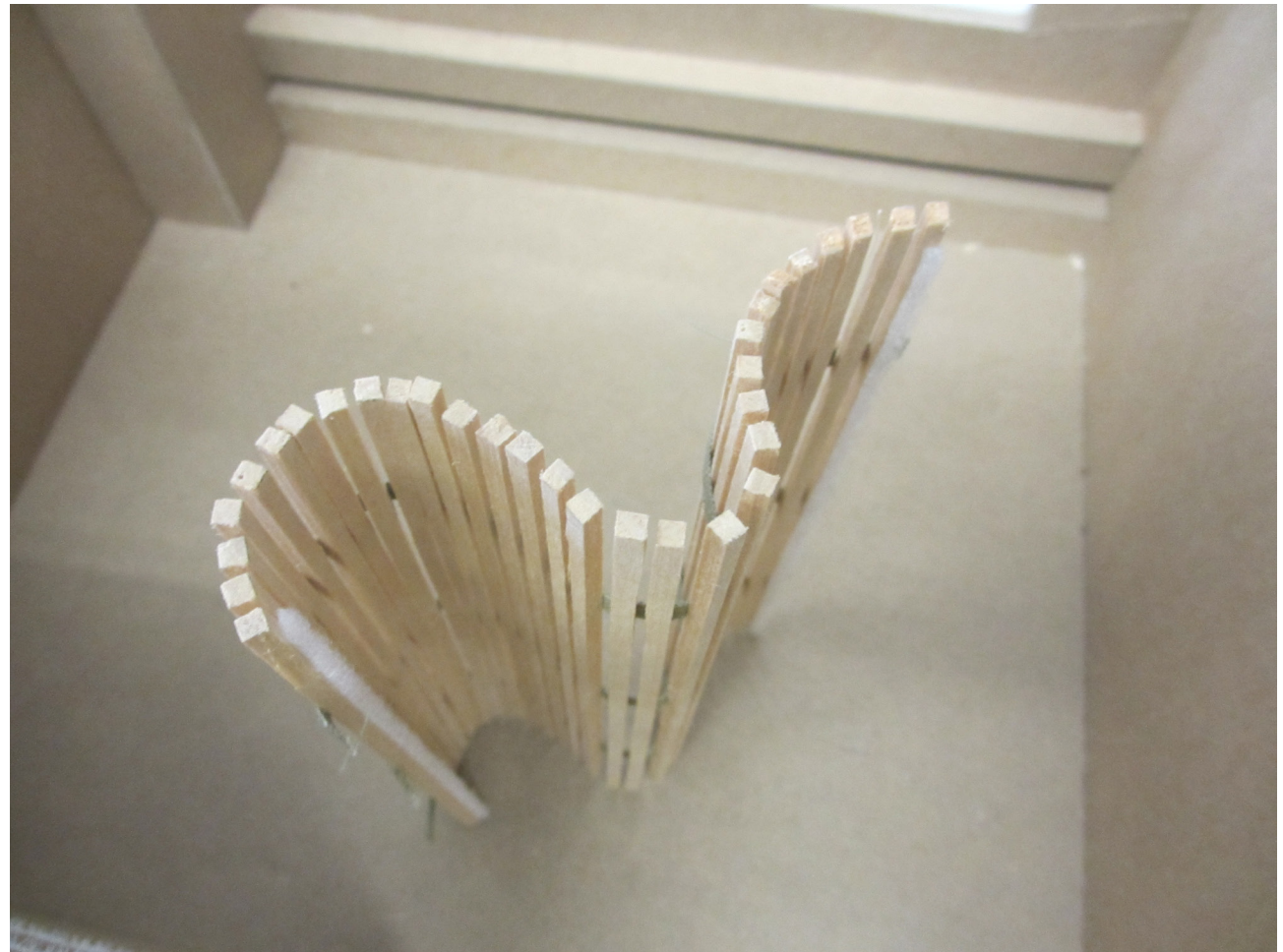


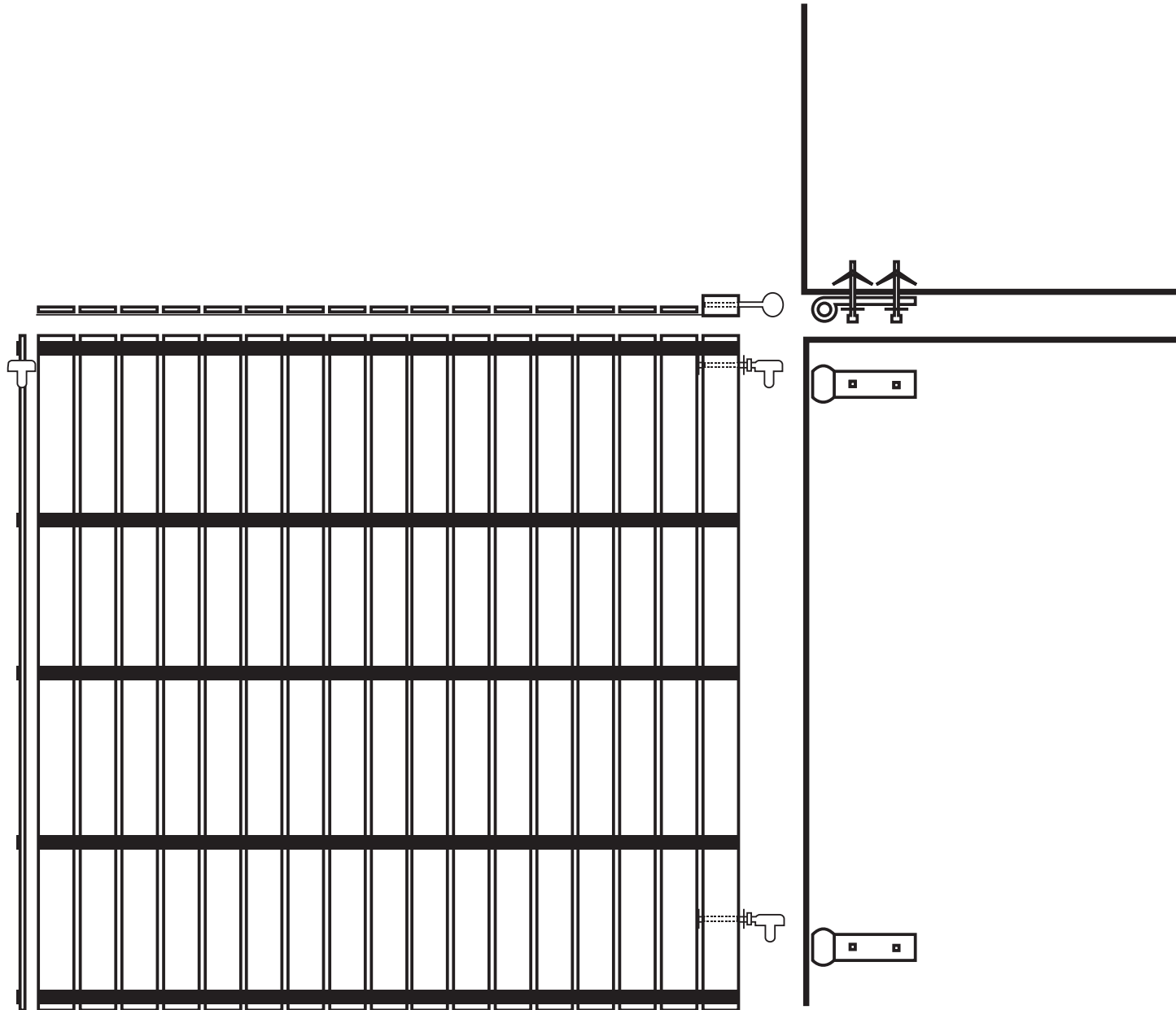


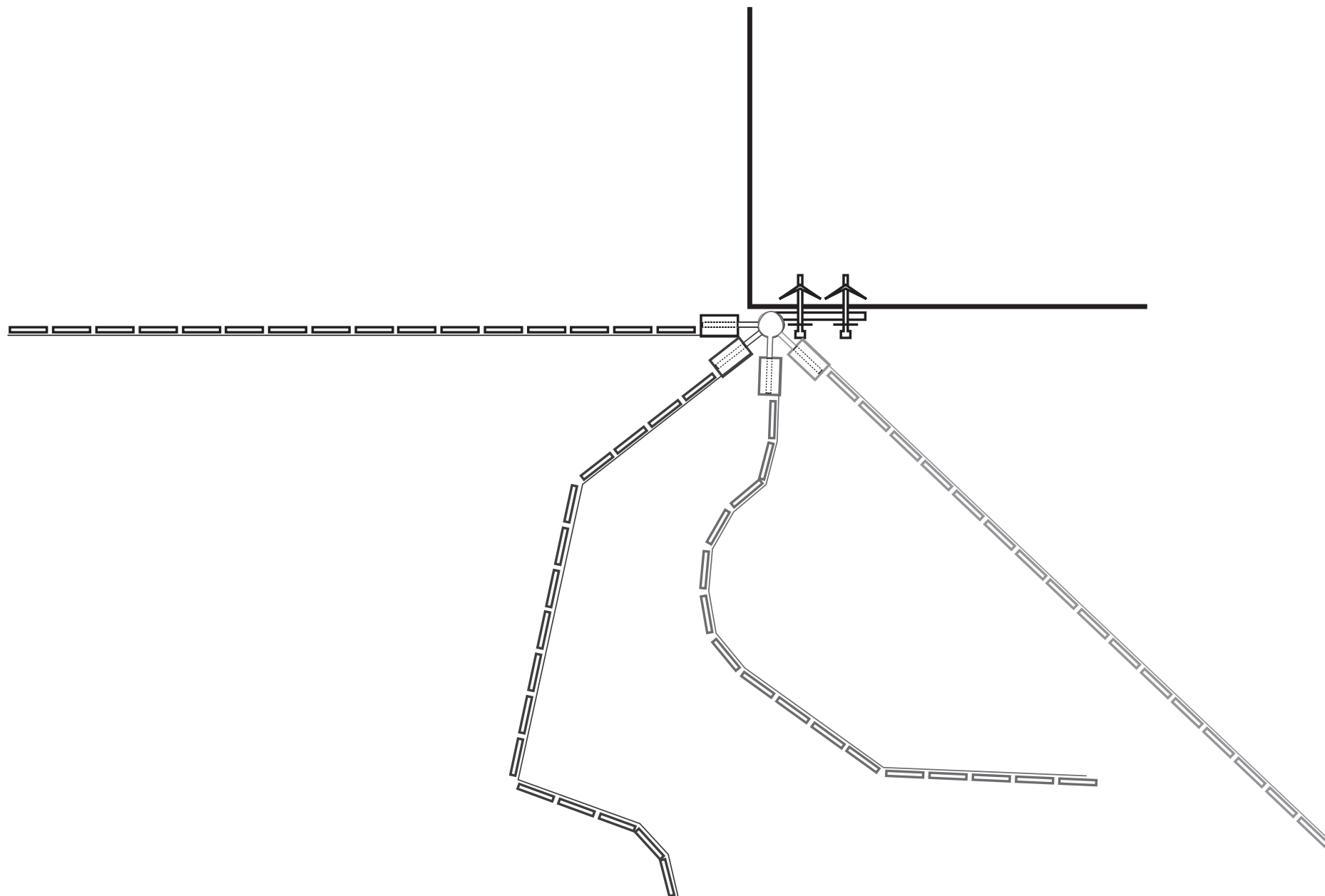




- More Stable
- Free Standing
- Free forming







Half Scale



Issues:

- Articulation
- Weight
- Wall mount

Testing Articulation



1 Inch



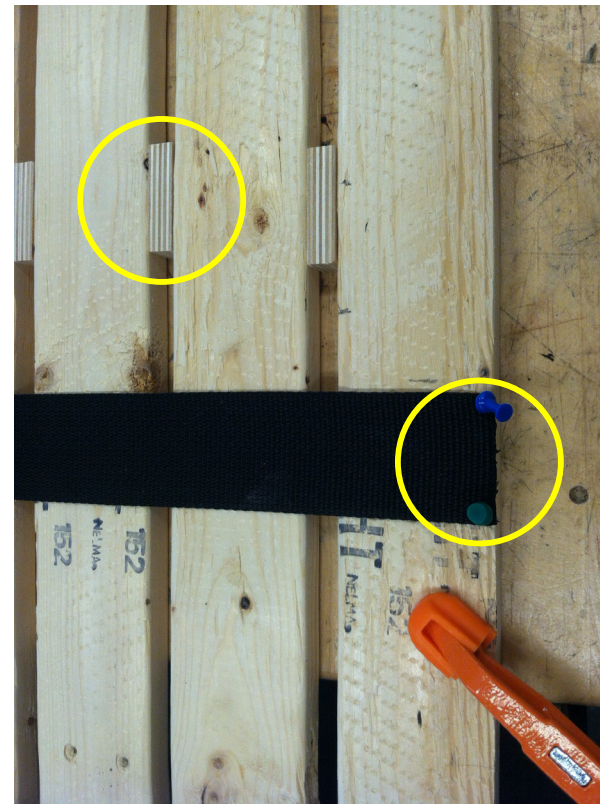
1/2 Inch



1/4 Inch

Materials

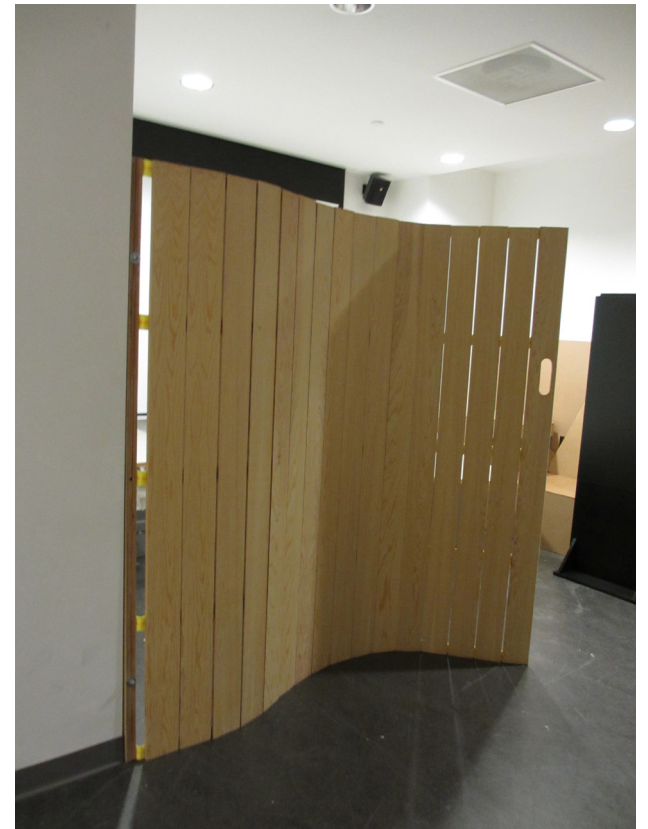
- 17 @ 5 x 3/4 x 80 plywood
- 1 @ 5 x 1½ x 80 plywood
- 12yards of 2" nylon strap
- 2 @ 6" fence hinges



Full Scale Model



80 Inches by 90 Inches



Full Scale Issues

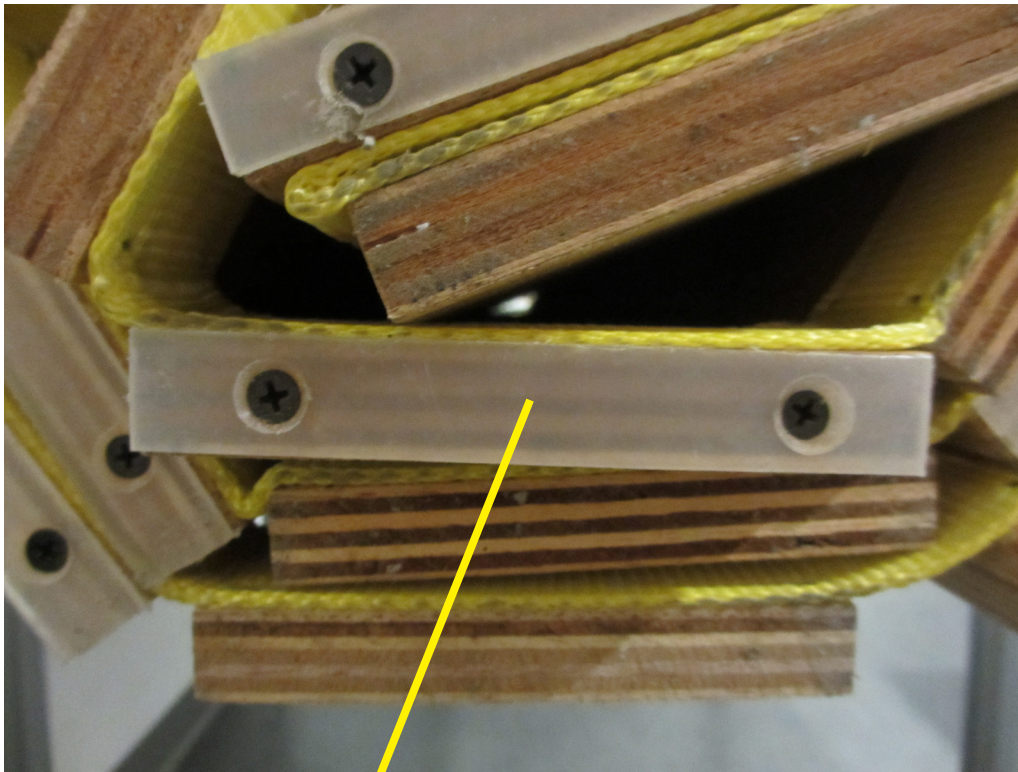
- Handle
- Mobility
- Mounting

Resolved Issues



Handle allows easier movement

Resolved Issues



Low-density polyethylene

- Helps slide more easily
- Less abrasive to the floor

Resolved Issues



- Heavy-duty hinge
- Easily removable







Organic



Geometric

