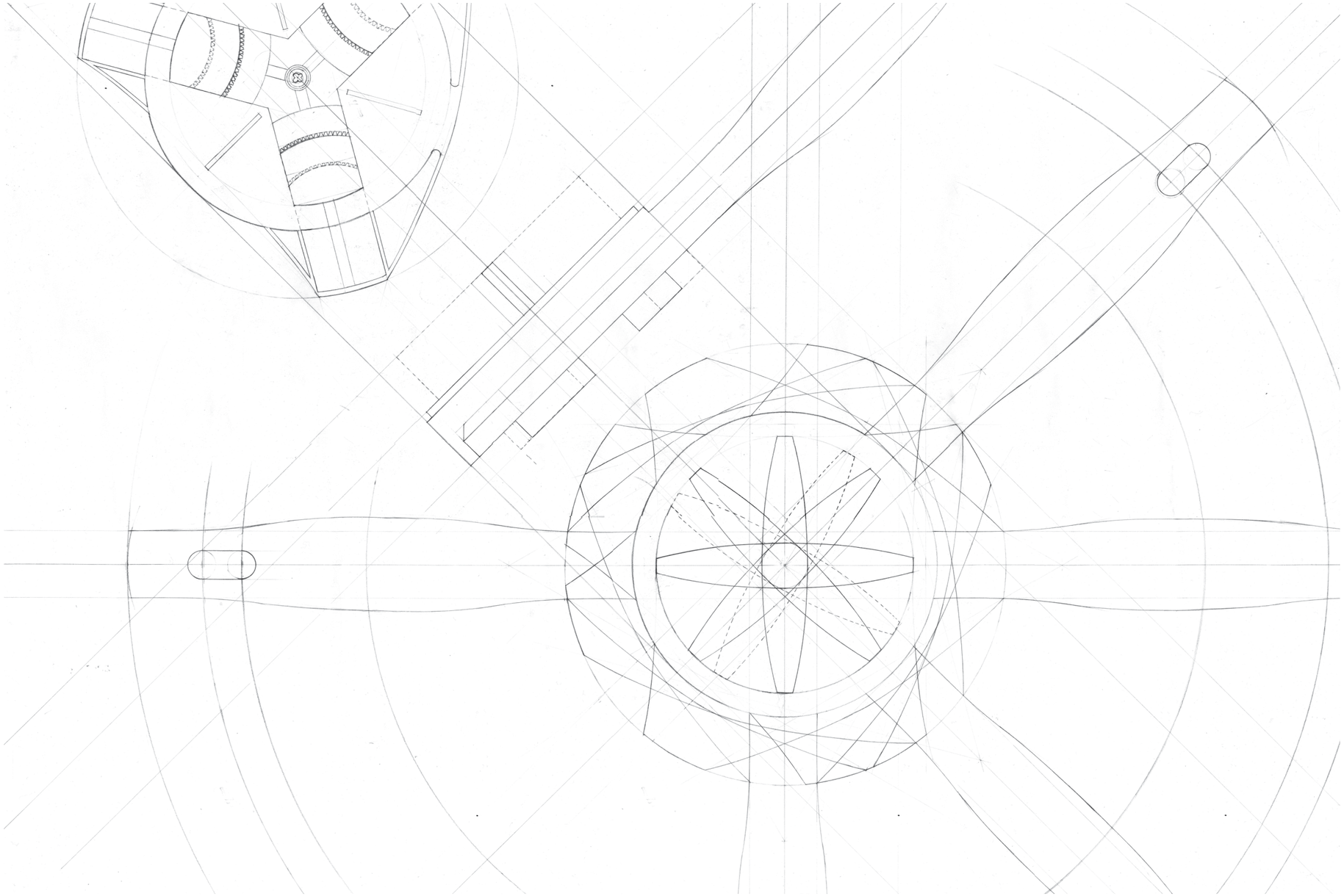

DESCRIPTION

This is a drafting drawing that describes the function and depitcts the details of the tool that is assigned. The tool is a CAP OPNER .

Drafting on Vellum Paper
24'' * 36"
Jan, 2017

Object Drawing

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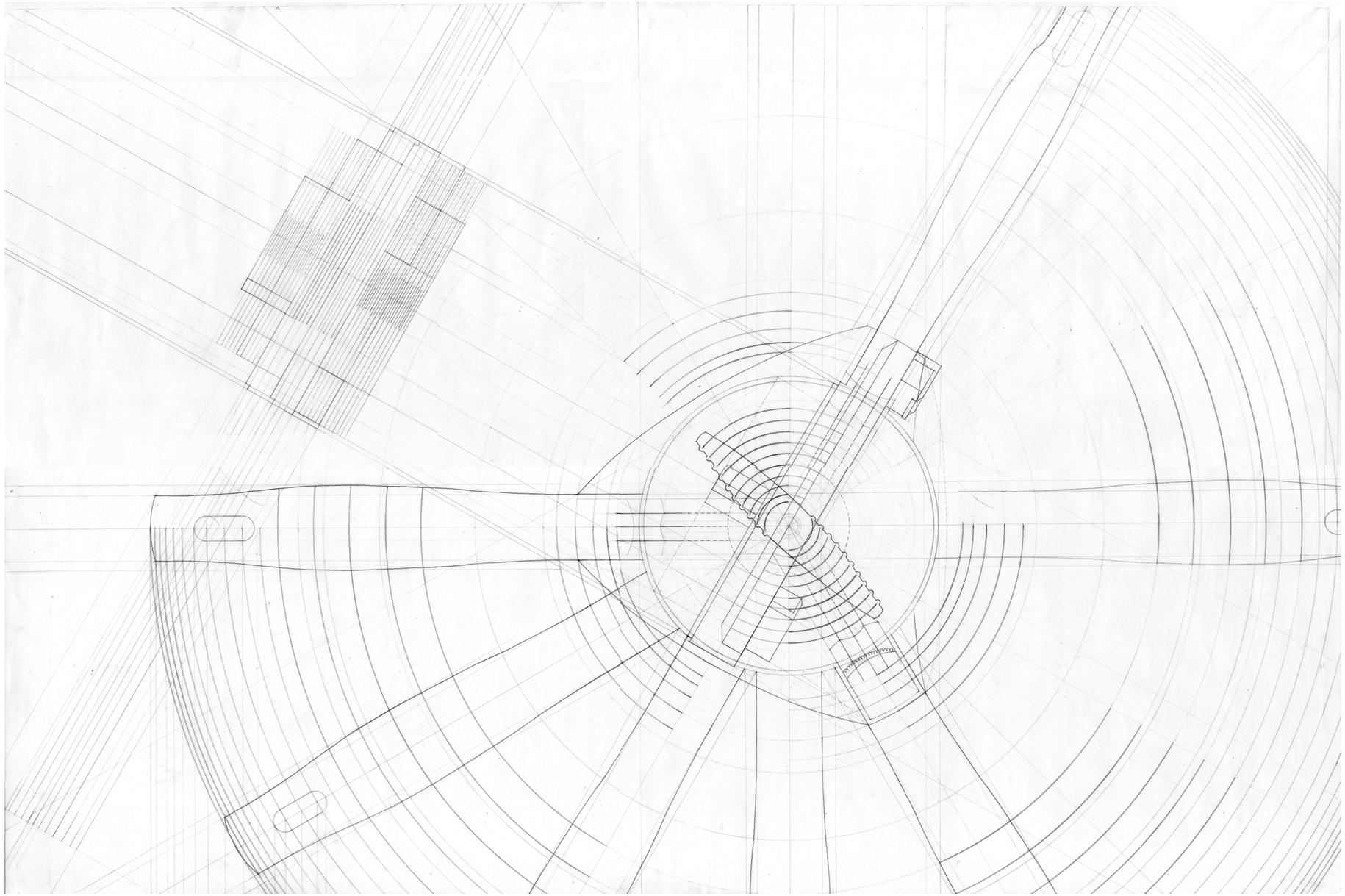
CMU SoA| Studio 48-105A

DESCRIPTION

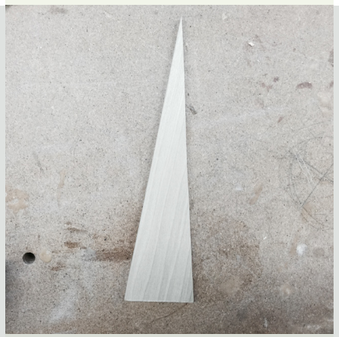
This is a drafting drawing that describes the motion of the tool that is assigned. The primary motion is ROTATION. The secondary motion is the ELEVATION of tool while rotating.

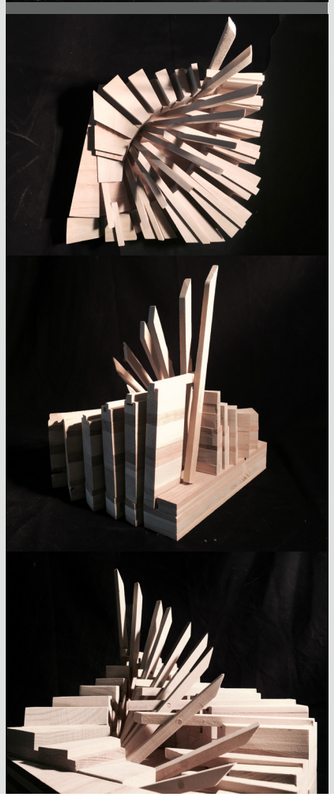


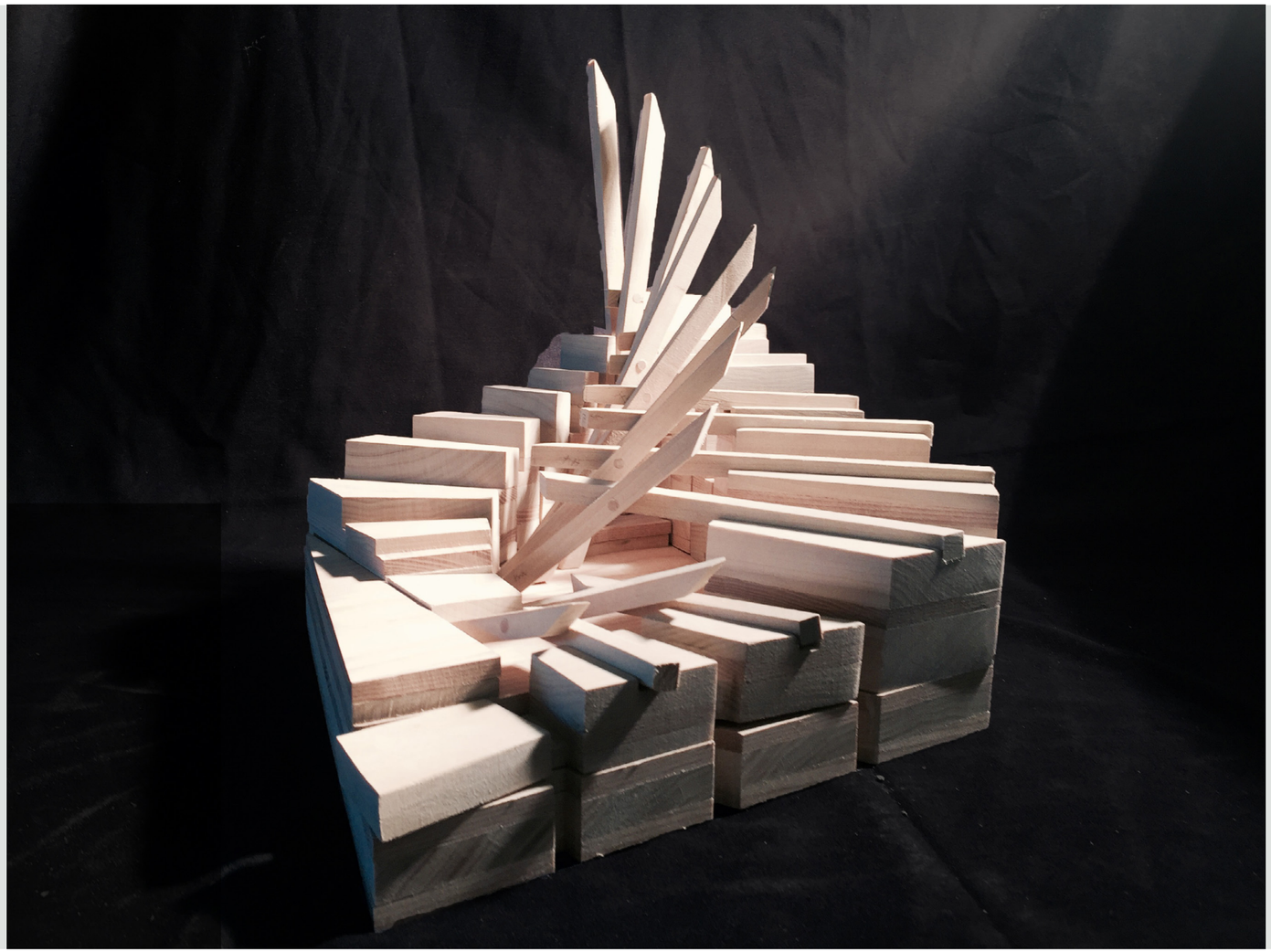
Drafting on Vellum Paper
24'' * 36"
FEB, 2017

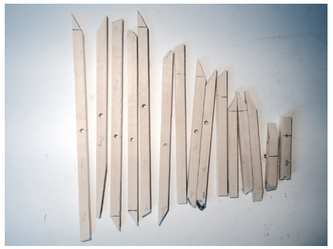
Motion Drawing

Final Construction



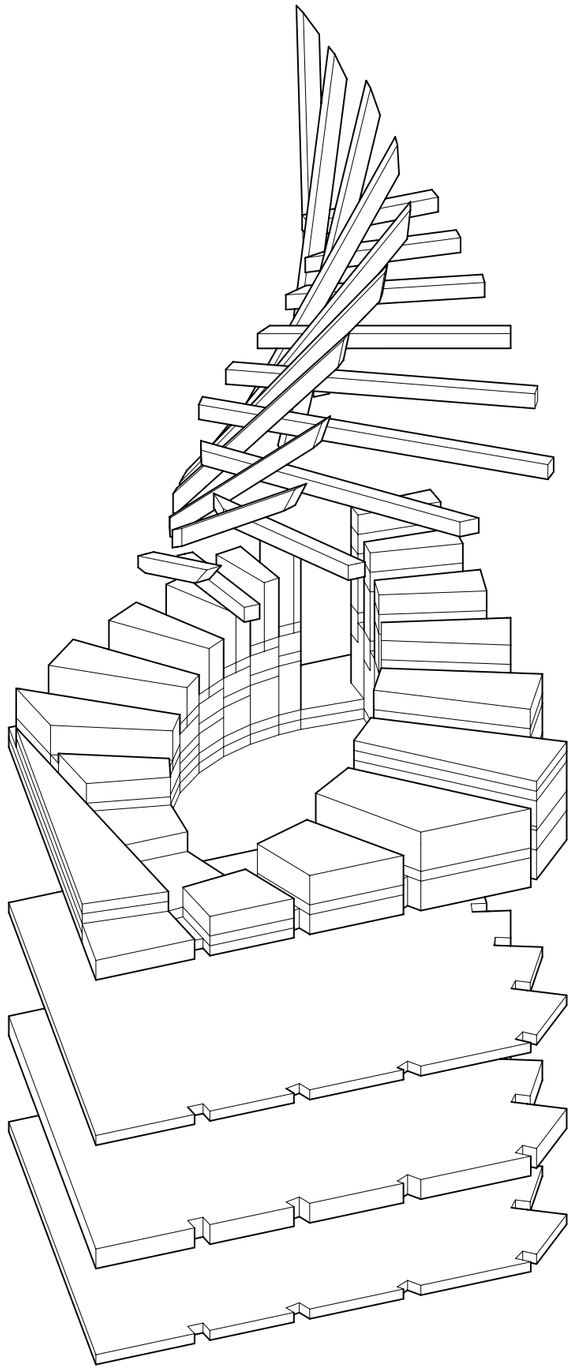


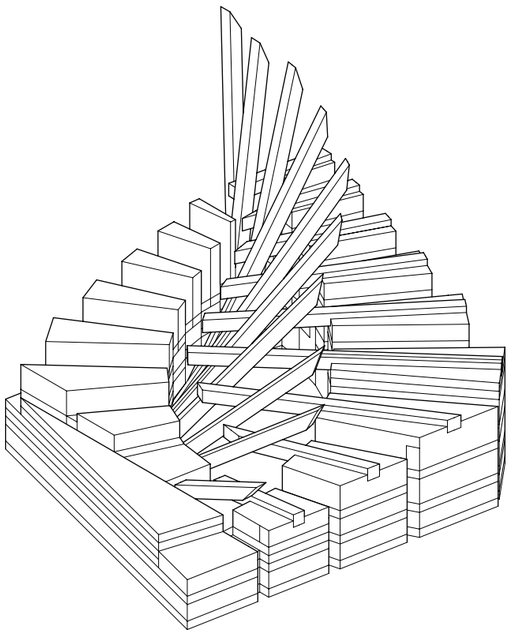


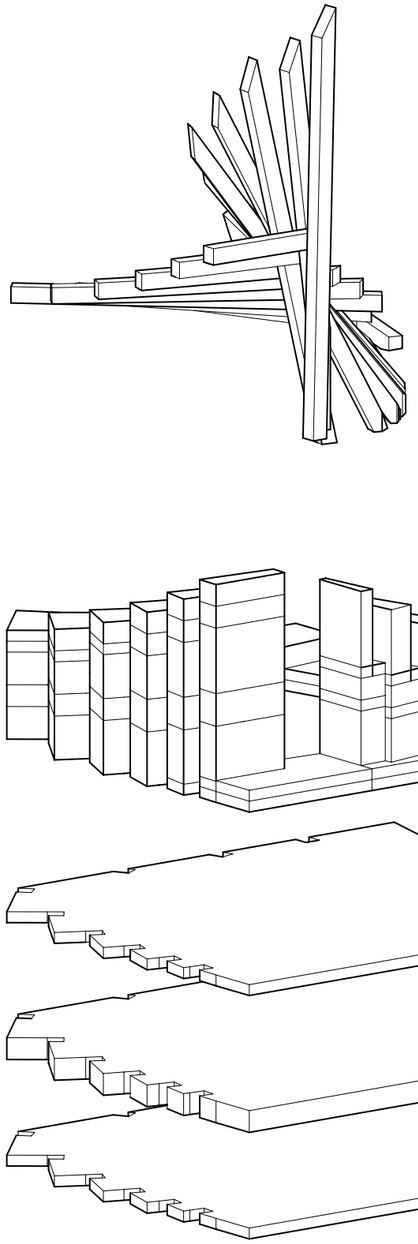


Process Work and Final Wood Construction
Poplar and Ash Wood
10.5” * 12”
Mar, 2017

Construction Drawings







Paraline Drawings w/ Exploded details
Rhino, Illustrator
Mar, 2017

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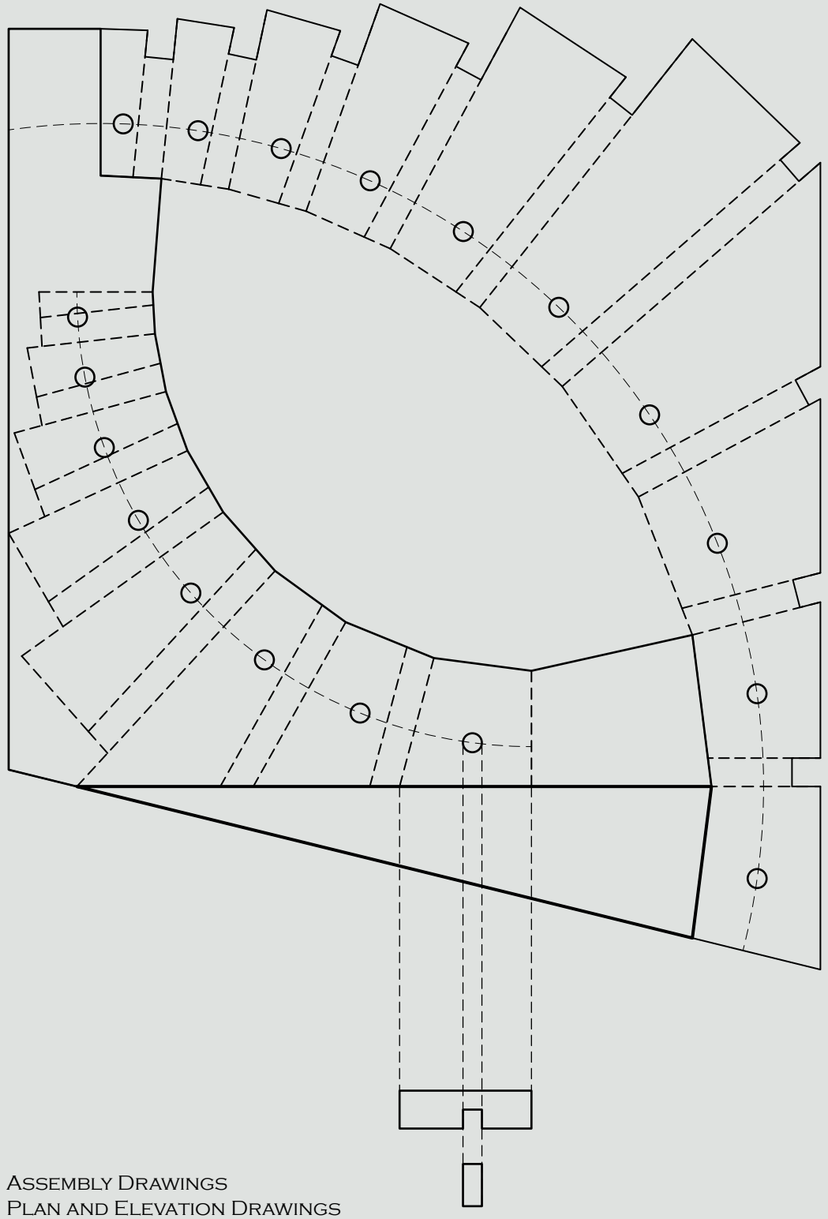
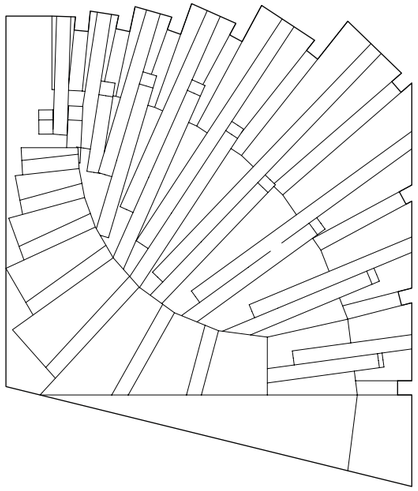
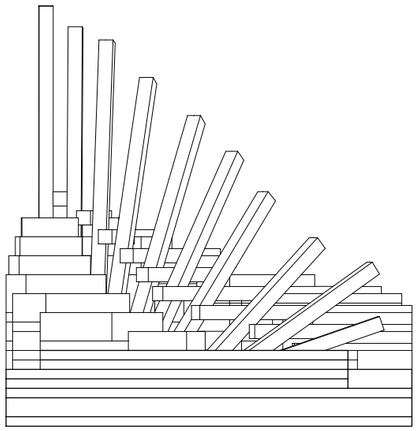


Assembly Drawings
Plan and Elevation Drawings
Rhino, Illustrator
Mar, 2017

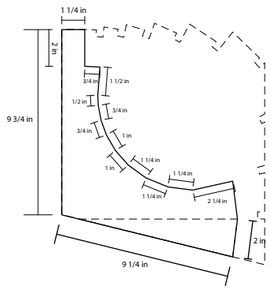
Construction Drawings



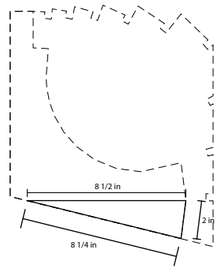


X2 WITH ASH WOOD
X1 WITH POPLAR WOOD

ASH WOOD
POPLAR WOOD



X1 WITH ASH WOOD
X1 WITH POPLAR WOOD



X1 WITH ASH WOOD
X1 WITH POPLAR WOOD

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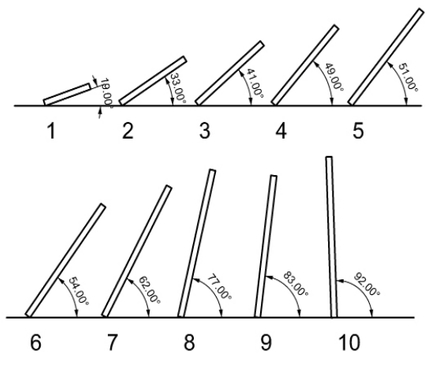
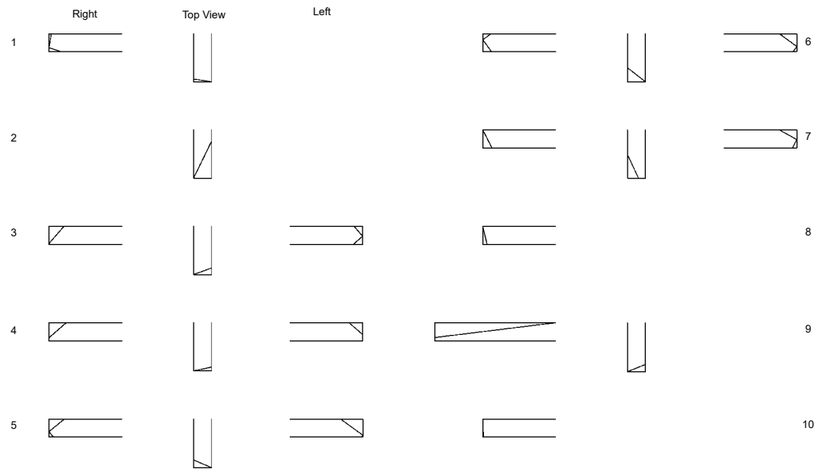
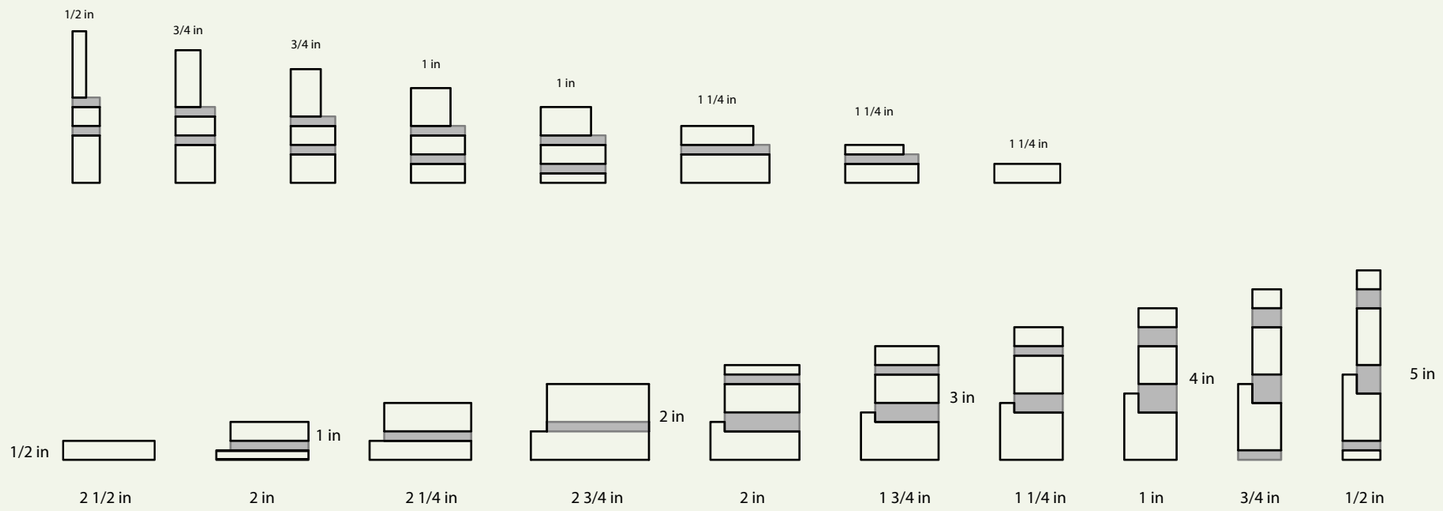
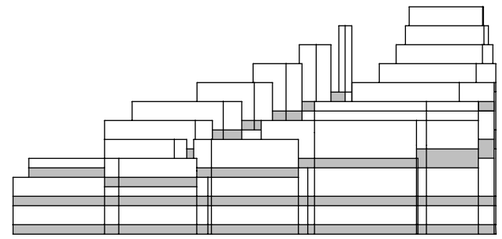
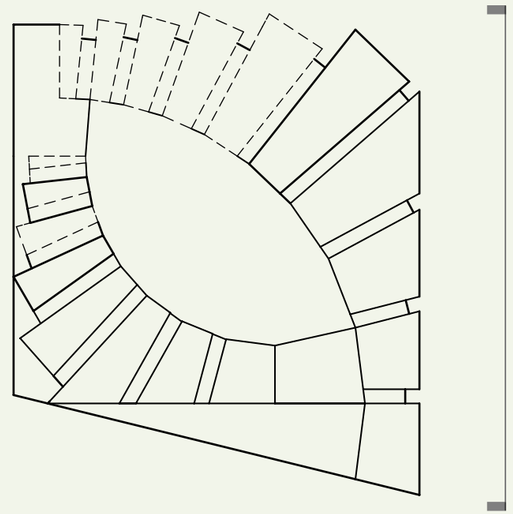
Construction Drawings









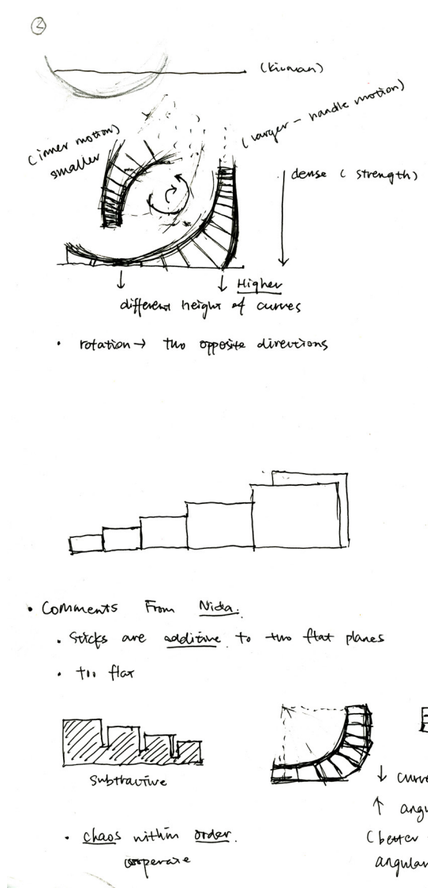


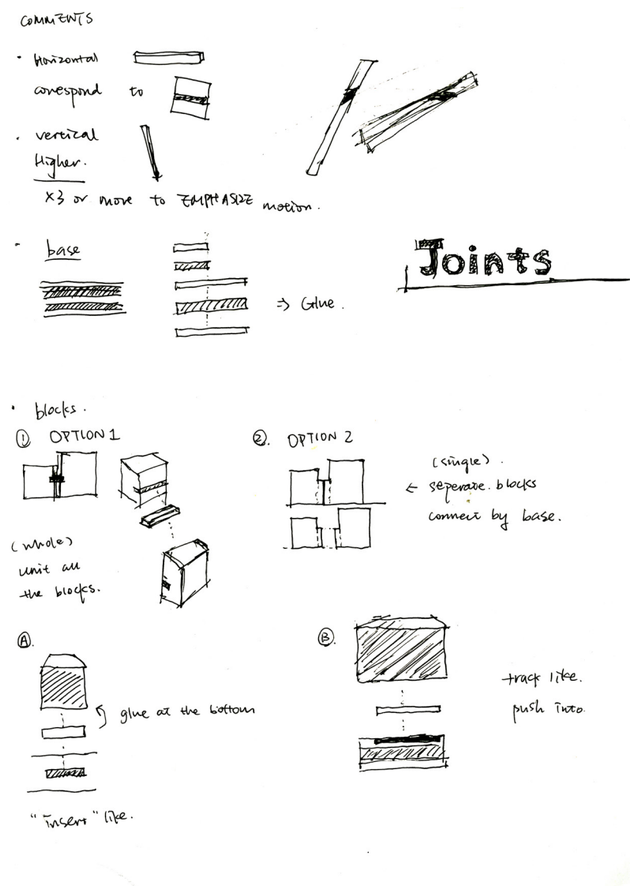
ASH WOOD
POPLAR WOOD

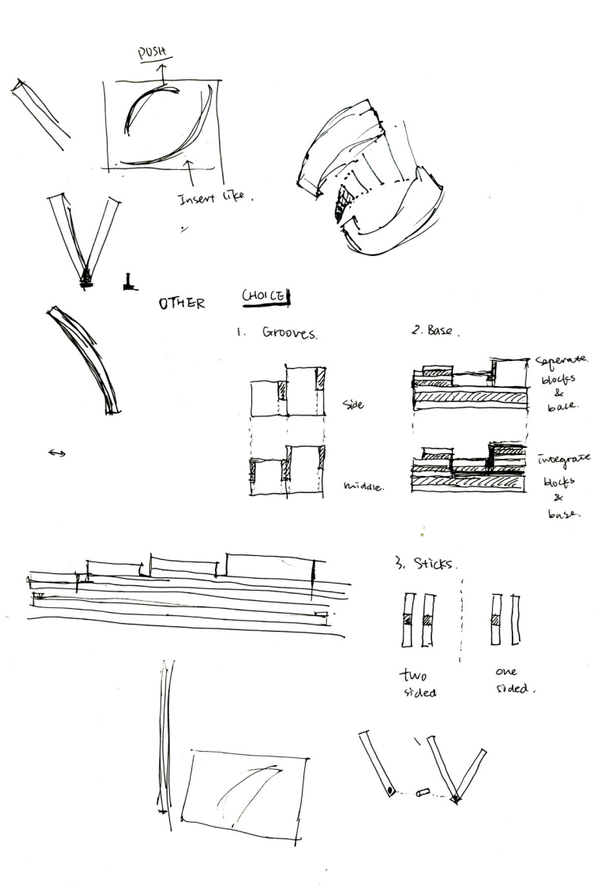
PROCESS Sketches

Design Ideas

The design of the base is derived from the idea of Yin Yang in Chinese philosophy. different from the balance of two elements, the design assigns HIERARCHY in the two types of rotation.
The sticks try to convey the idea of compression. The horizontal elements integrate with the GROOVES of the terrain-like base. The Vertal elements stand out and the changing angle and length express the motion.







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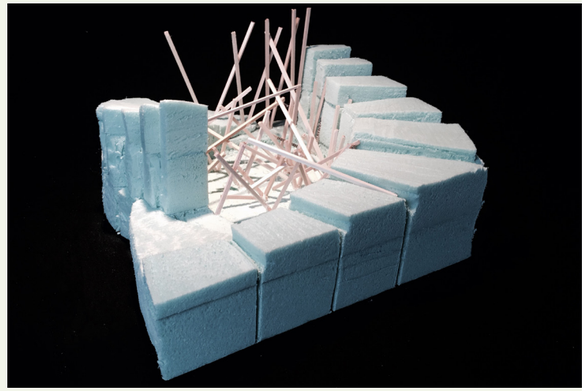
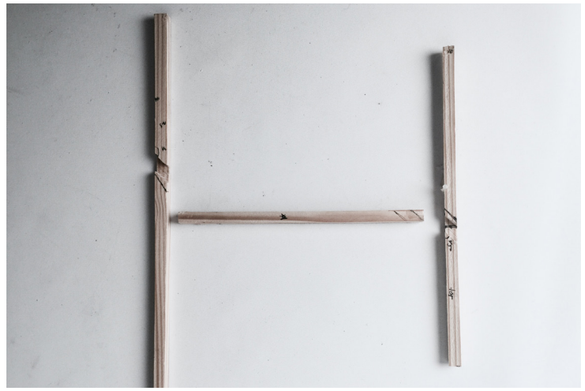
Study Models

Rough Model 1

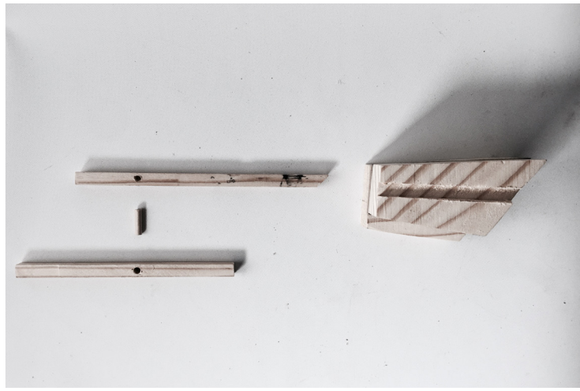
Rough Model 2

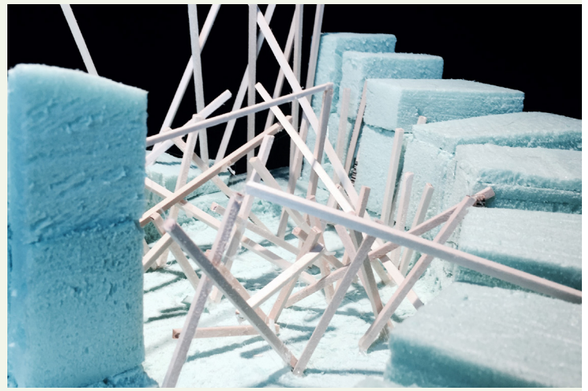


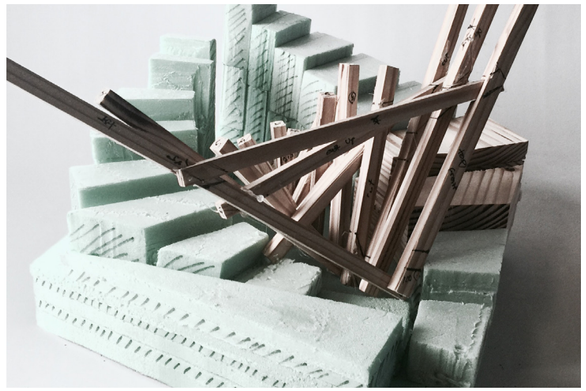
Mock-up Model 1

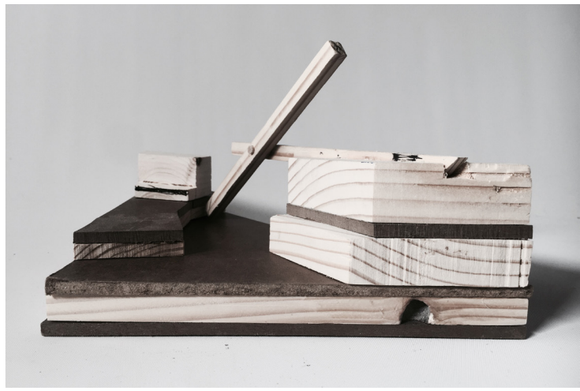


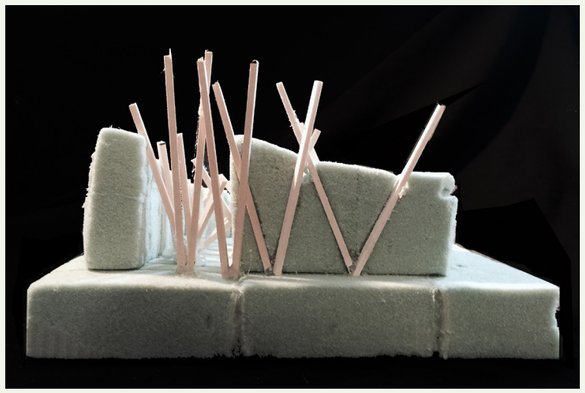
Mock-up Model 2

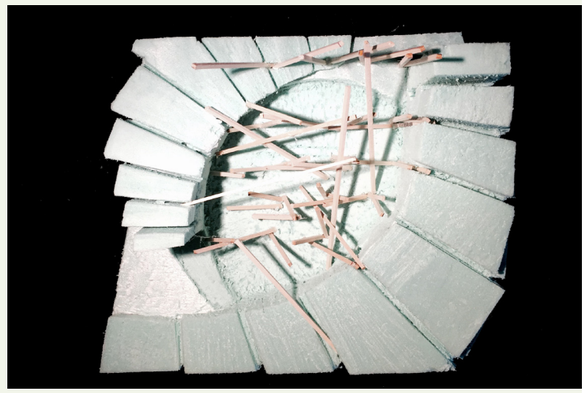


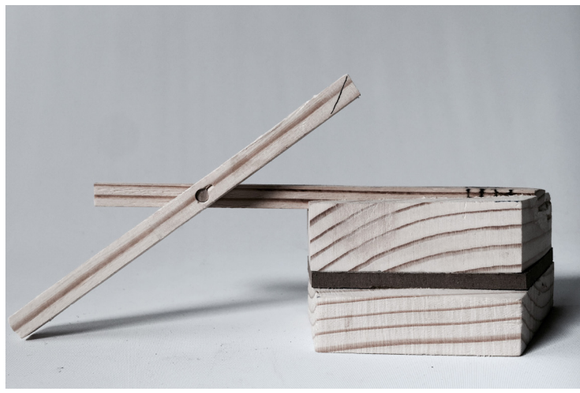












The study of INTEGRATION between motion like rotation and compression.
The study of JOINERY among elements, between objects, and within a system.