

DRAWING PERFORMANCE

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First year

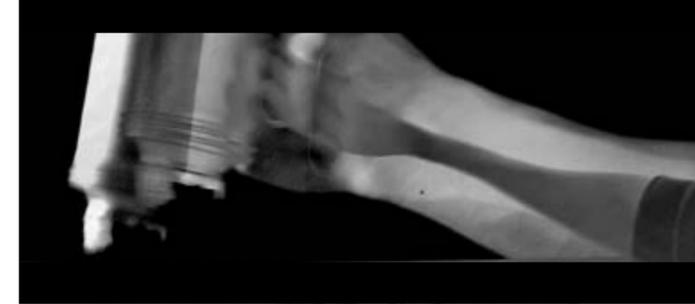
Object Drawing

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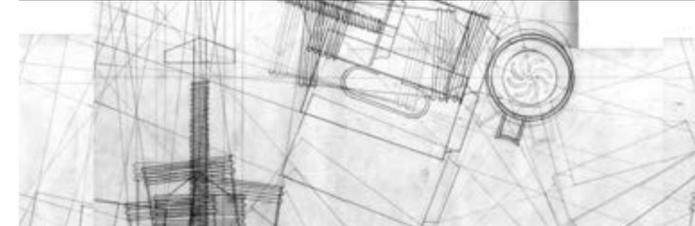
Motion Drawing

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Final Section Drawing

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Final Model

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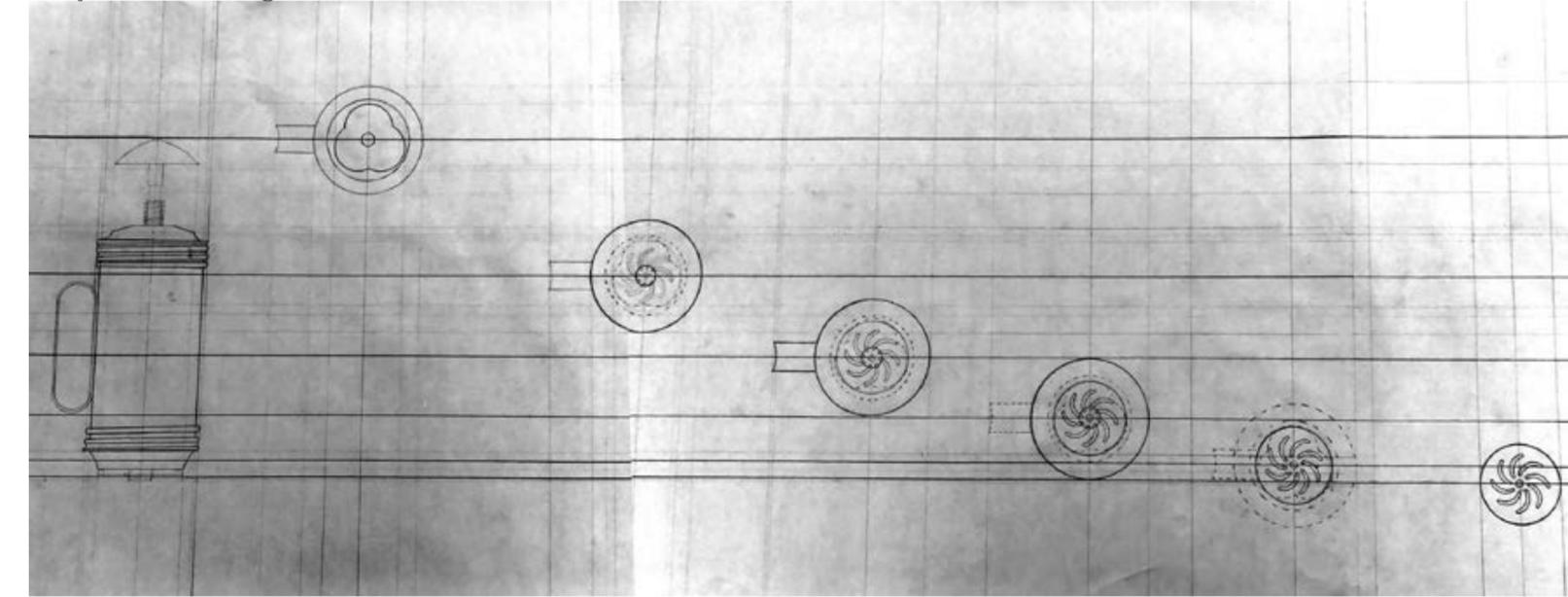


Process

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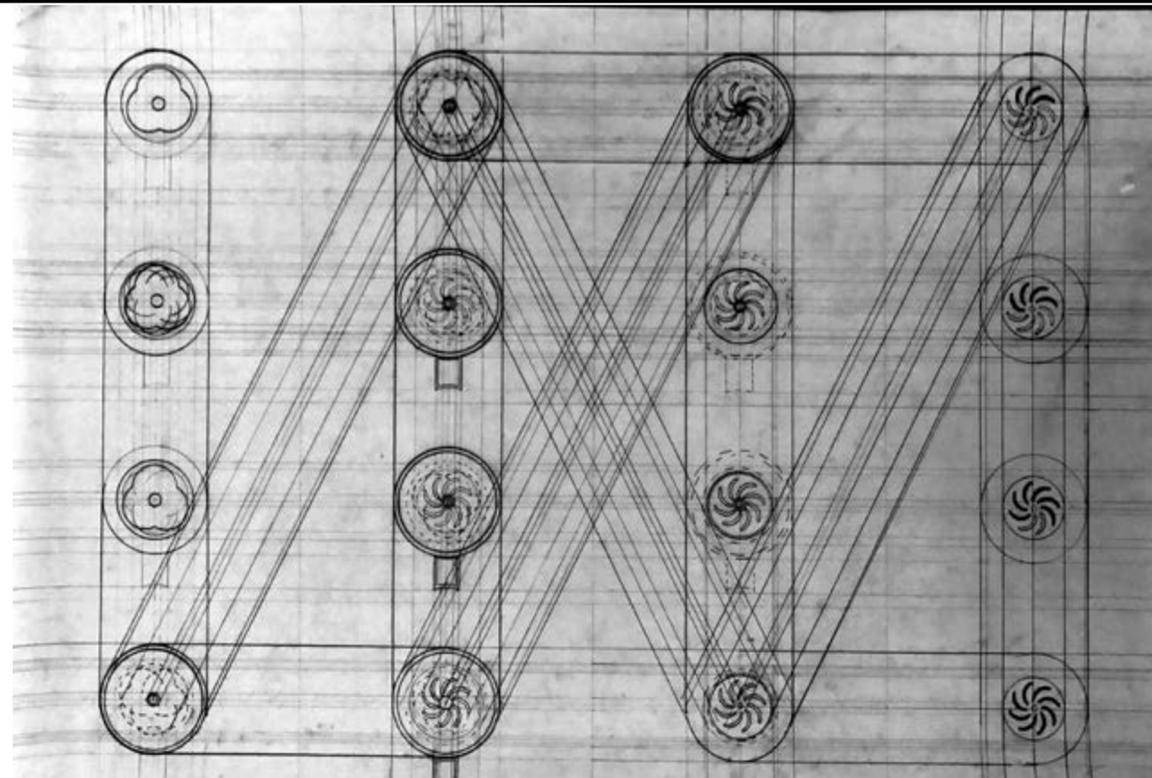


Drawing Performance:
Object Drawing



Each individual student were given a specific kitchen appliance. Over the course of three weeks, we had to study our tool in terms of functionality, geometry, and the user's gestural motion. During the study proceess phase, I drafted three different drawings of my tool's (cookie press).This drawing explains more of the an usage of the tool. The construction lines through each circle (top section of press) carry across the page. Depending where the cut was taken, the construction lines intersecting a particular elevation of the press which indicates the plan section. This illustrates what the outcome of the tool. This grid-based drafting was more orderly and systematic.

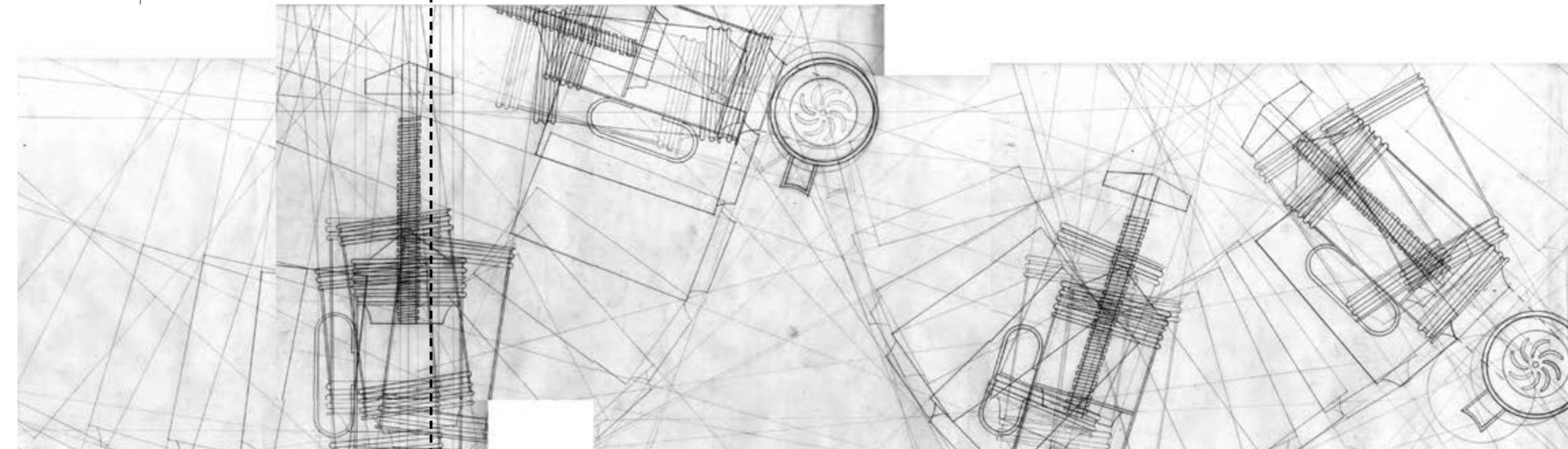




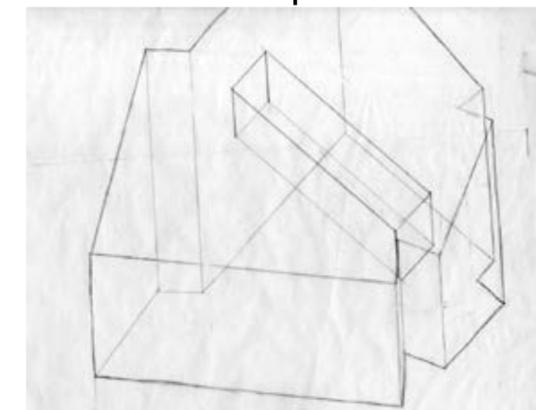
Drawing Performance:
Motion Drawings

This first attempt of assignment 2 primarily focuses on the motion and performance of the object without showing the object itself. This drawing is more oriented on the possible pathways a human would operate a cookie press. Although this motion drawing is rather more systematic mapping of the tool, it continues to display the hidden motion from a human's either intentional or unintentional use of the press in the self-produced video. Quite similar to the object drawing, this continues to follow a grid-based layout. The possible paths may seem arbitrary to the human's decisions of drawing the cookie path, but it still delivers a system from the beginning and to the end of the drawing.

Drawing Performance: Final Project

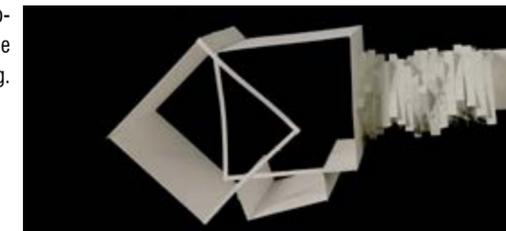


The inquiry concentrated the human gestural operation of the appliance while including the geometry of the object. The drawing translates to the mapping of the tool from the self-produced video. Although it is based off of the video, the drafting reveals the "unseen" motion of the viewer's perspective. This transcends the reading of verbs twisting and and mapping by its exaggerated motion. The emphasis is shown in the drawing but is hindered in the video. This drafting is less systematic and more arbitrary compared to the past two drawings.

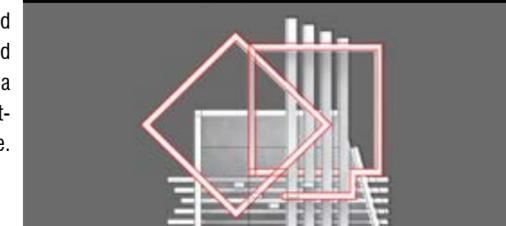


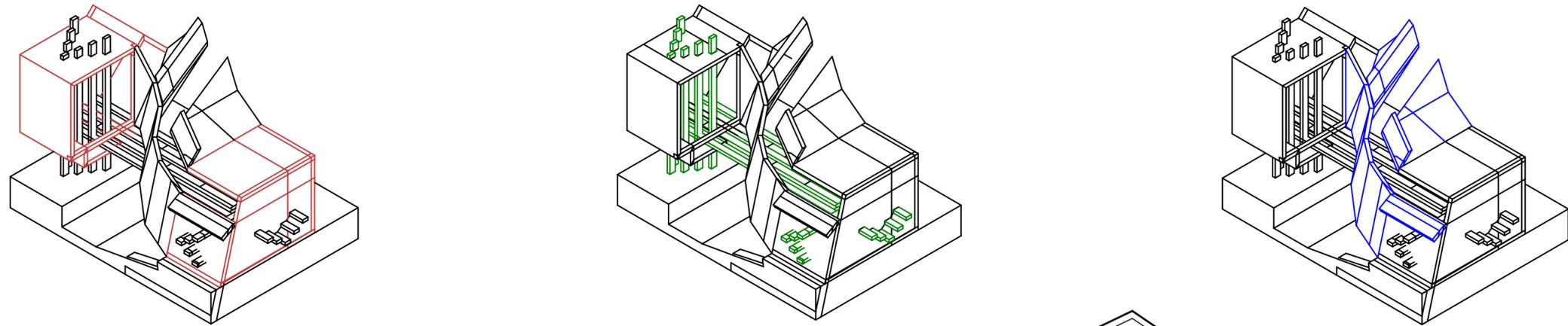
From the final motion and object drawing, I had taken the section from one of the many central points in the drawing. By taking the section of the construction lines from the particular area, I generated a spatial geometry. This geometry continued to represent the motion of my object shown in the drafting.

The first study model incorporating the section from the drawing.



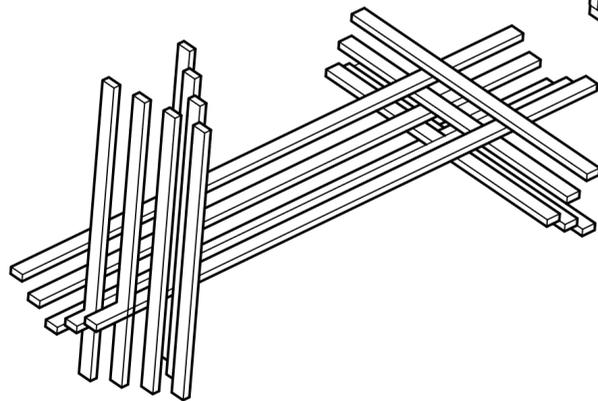
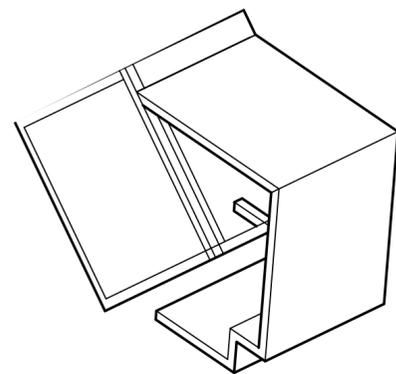
Throughout the design and build phase, my section (seen at one end of finalized model in red) served as a base subject that generated the twisting due to its rotating-like structure.



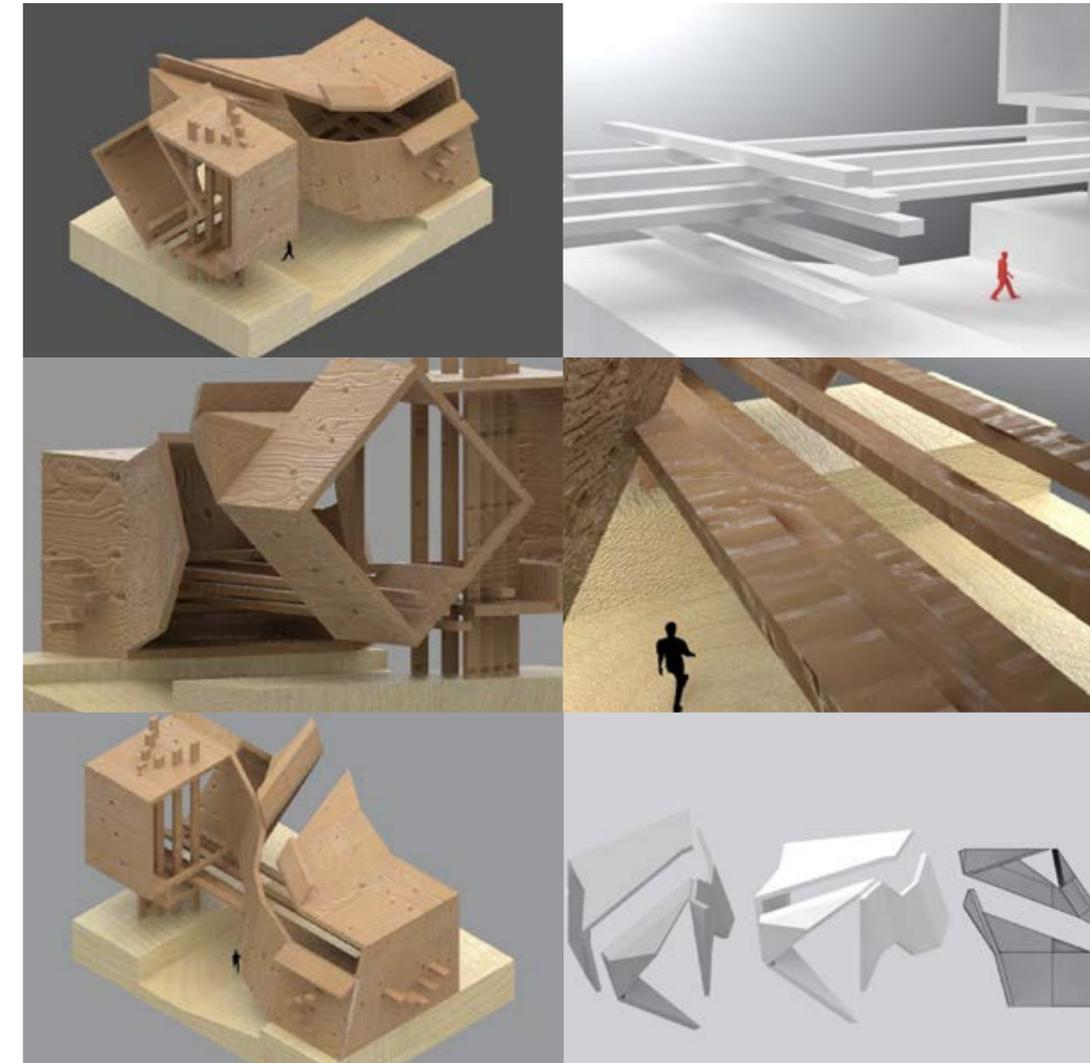
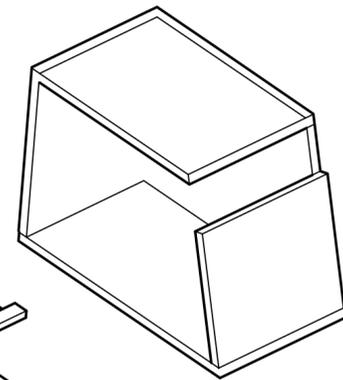


Rigidity and Twisting

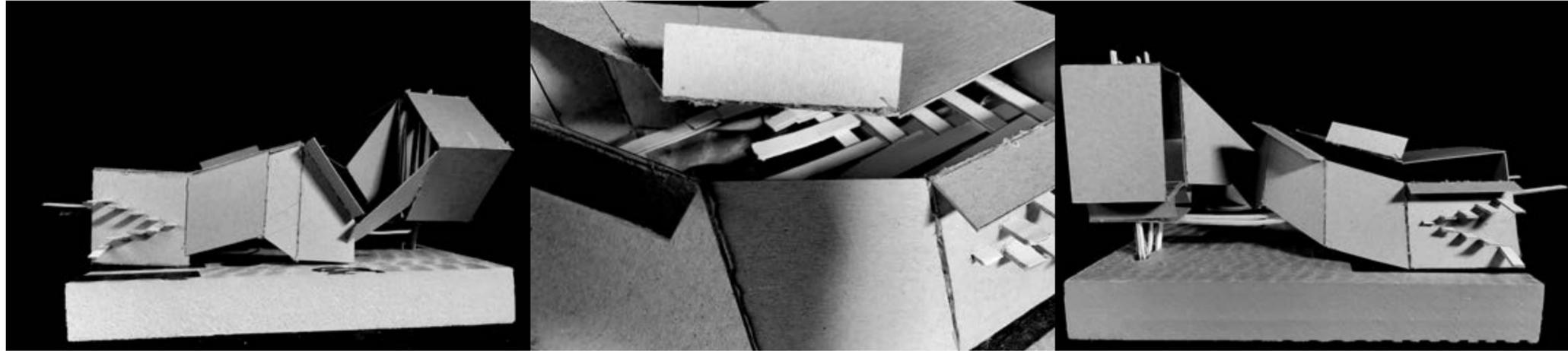
Longney's Section



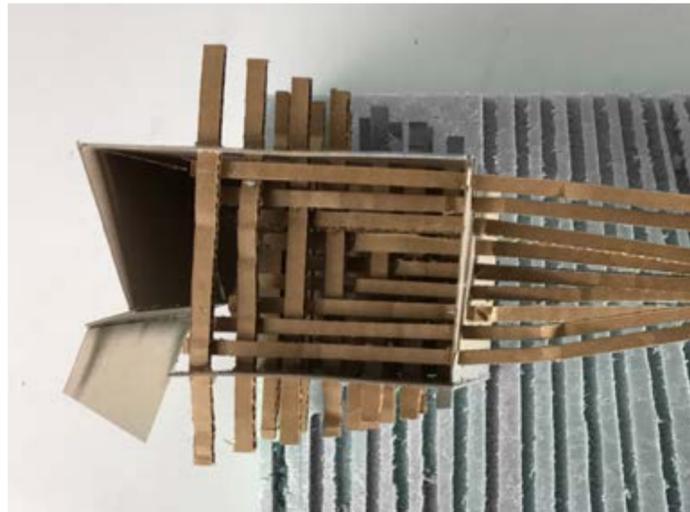
Jihee's Section



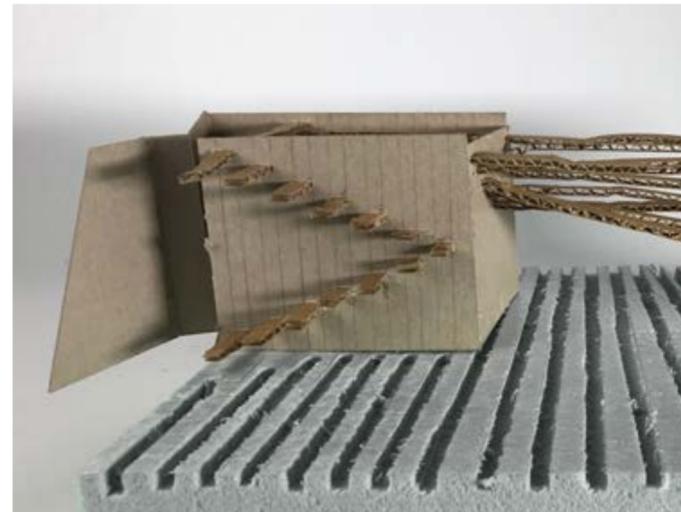
Process: Verbal Geometry



This was the first model that incorporated the angled facades. This displays more of an oscillating motion by its ascending and descending facades. The concept model also showed its success of the slits in the mid-section. This concept model brought dynamic qualities to our final wood model. The whole model is viewed differently from different angles. The slits create small openings which allowed the viewer to observe the strips or "bones" of the model in different orientations.



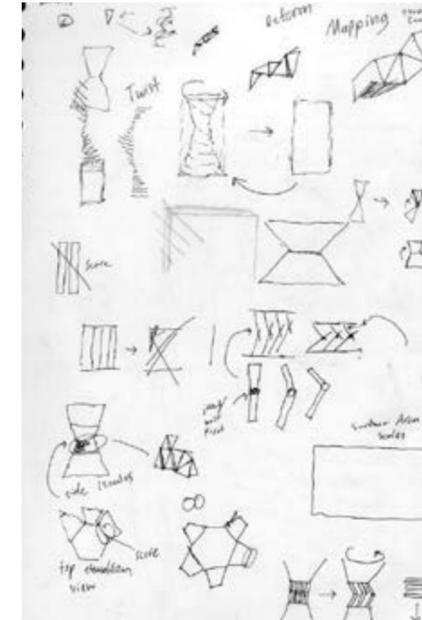
The other end (partner's section) of the model during the design process ended up looking like this. The connection between our two sections unified through the verb motion "twisting" which was represented by the section. Jihee Kim's section consisted of series of strips weaving and intertwining, forms a rigid structure from her object's quality.



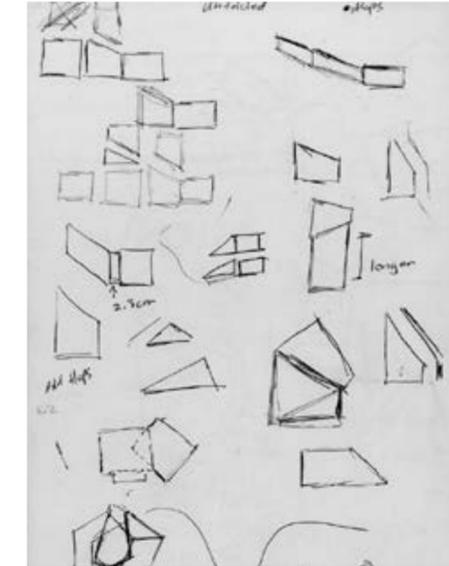
The side view of Jihee's section shows the alignment of the strips. Systematically, this would create an ordered weaving pattern.

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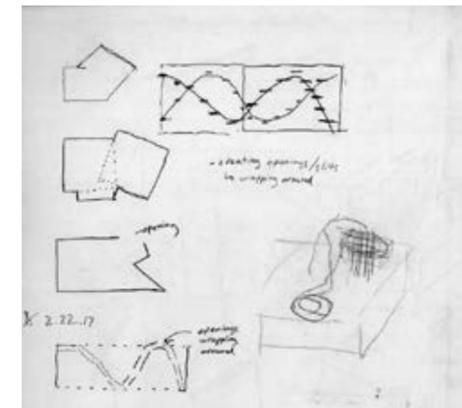
Sketches



These series of sketch were early concept drafts of the verb translated into an object. All these were ideas relating to the verbs "rotating" and "twisting". Further below were concepts of construction.



These series of sketches demonstrate an attempt of structuing an oscillating motion throughout the model. These were elevation concepts of how I would construct the middle section facades.



During the design process, Jihee and I had to find a mid-section that unified our two different but quite similar geometric sections. My whole idea was orientated towards the twisting motion delivered by the angled facades. This facades' objective were to show not only motion inbetween the sections, but also to show the translation from one end to the other. Jihee's section began with a rigid, aligned placement. As the facades approached my section, the planes began angling, which represented the fluidity. This concept sketch represented my idea of creating a continuous slit from one end to the other.

Concept model designed according to the early sketches.



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