

# Assignment 1: Parametric Sketching

# Object 1: Birdhouse

## Reflection

### Purpose:

The intent of this design is very straightforward, a birdhouse attached to a telephone pole. However, I believe that this can explore the detail of the possibilities of another parametric system. This system creates invitation to an otherwise uninvitational space, and is the beginning of a branch to a parametric system. The initial idea

### Time Shifts

The initial idea of this branch was to examine the shape of the object and its major parts. As we dive into larger time, we start to see more detail about the object, and explore what exactly we see. We start to see more 3 dimensional aspects along with more detail about the object, exploring its shape and how it is put together.

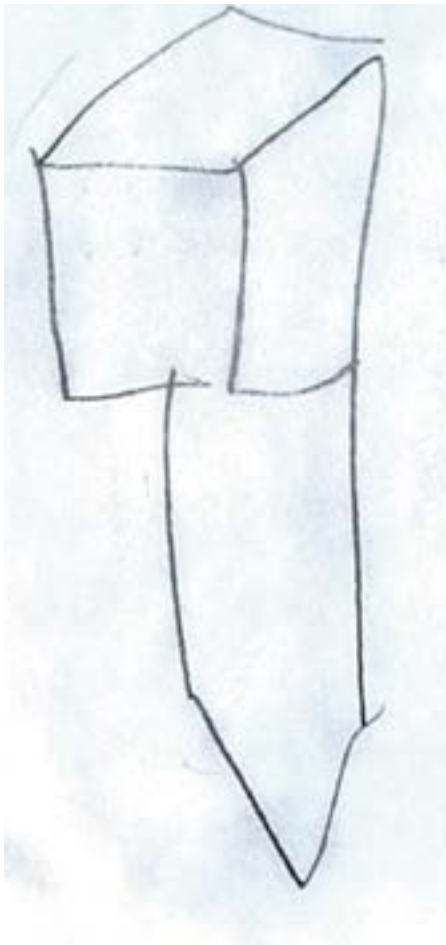
### Parametric Thinking

The different stages of time explore shape, 3D, and detail and purpose. These aspects can become pertinent to exploring branches of a parametric design, I.E a small part of a design and its function and purpose.



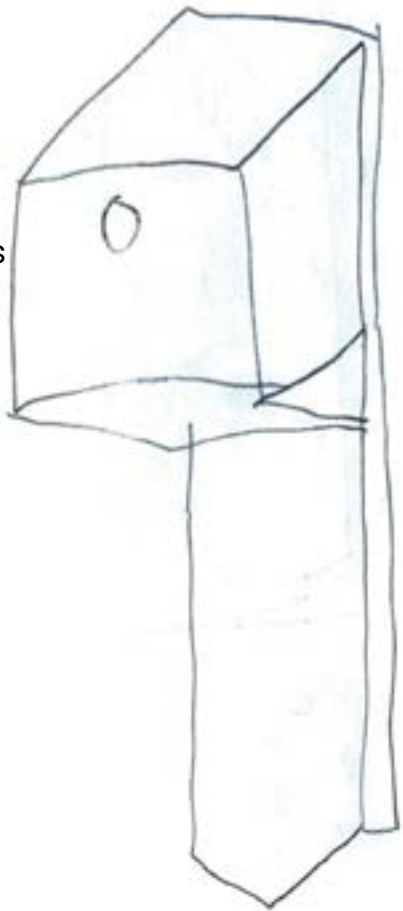
### 5 Second Sketch

Initial Impression of the object



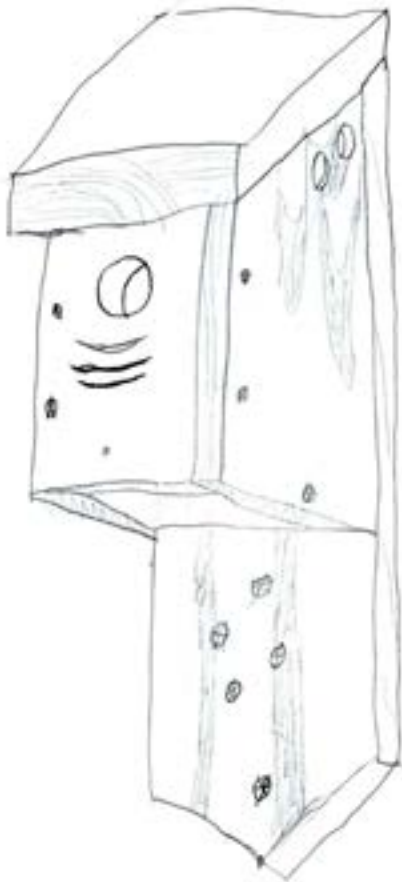
### 1 Minute Sketch

A rapid sketch of the object to assess the properties of the object



### 10 Minute Sketch

A explorative interpretation of the object, including the features of what makes up the detail.





# Object 2: Construction Crate

## Reflection

### Purpose:

The intent of this design slightly more complex than the last, due to the fact that that it contains more objects within the framework. I wanted to explore a system with many different aspects and how those aspects create a parametric design.

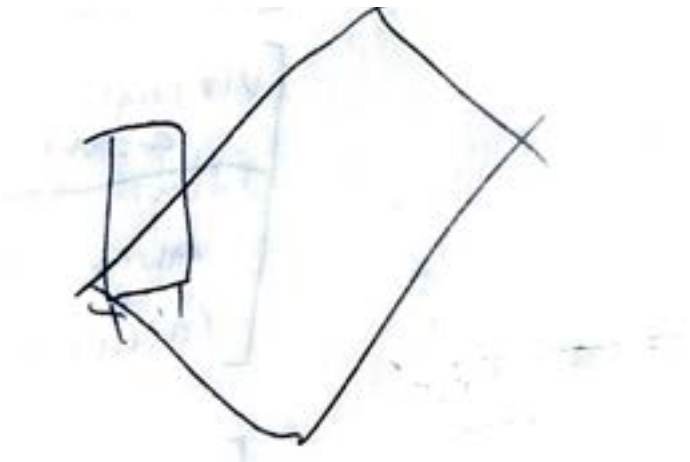


### Time Shifts

The initial ideas were to include the most physical objects to understand how the plastic correlated to all of those objects. The initial impressions were the bricks and the crate, but then I evaluated how the plastic morphed in relation to those objects.

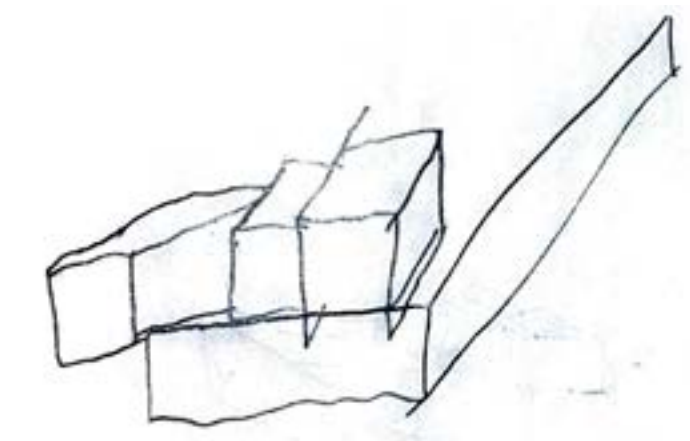
### 5 Second Sketch

Initial Impression of the object



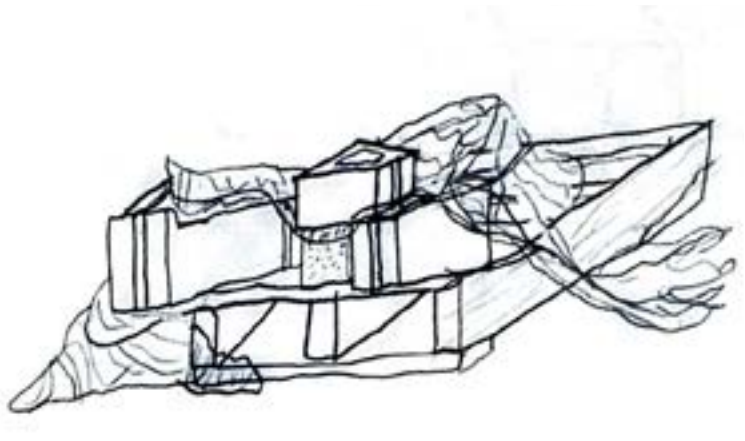
### 1 Minute Sketch

A rapid sketch of the object to assess the properties of the object



### 10 Minute Sketch

A explorative interpretation of the object, including the features of what makes up the detail.



### Parametric Thinking

This system is based on different objects coming together to create a unique parametric design. The objects are random and not organized, and yet creates a sense of uniformity with the plastic tarp and covering.



# Object 3: Tree Group

## Reflection

### Purpose:

The intent of this sketch was to anylize a complete tree system that seemed to be random, yet a complete form. This idea was to explore a system that had combined the ideas of Objects 1 and 2, and created a parametric system that had it's own branches and details

### Time Shifts

The initial interpretation was to explore the many types of sytems that all semed to integrate together. I eventualy got to more detail about the branches of the sytem and then gave them form after drawing interpretation.

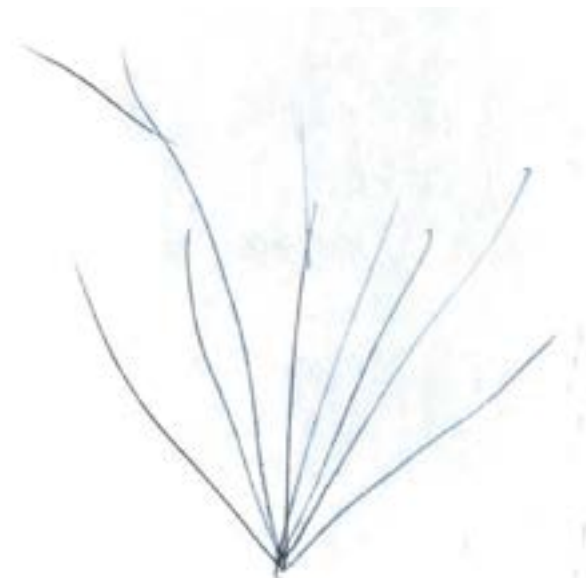
### Parametric Thinking

This sytem explores the complete idea of an almost random geometry set, but a developed design that integrates all types of random variability. Utimately the goal of this was to see the end goal of the parametric design.



### 5 Second Sketch

Initial Impression of the object



### 1 Minute Sketch

A rapid sketch of the object to asses the properties of the object



### 10 Minute Sketch

A explorative interpretation of the object, including the features of what makes up up the detail.

