

Graphics I\_EVDA 541\_ARST 451: Boutin + Parker Fall 2017  
Assignment 8: The Tectonic  
Assigned: 2017.11.08  
Due: 11:59 PM, 2017.11.20



### **Description:**

The Tectonic in architecture reveals the inner order of a work of architecture, and offers this meaning as a material presence of the architecture. The assembly and joining of materials construct their essential meaning through the revealing of architectural intention. Therefore, the considered choice and assembly of materials within the detail is an exploration of architectural intentions at the scale of the part and towards multi-sensory experience.

### **Procedure:**

Students are to work in pairs, and are to choose one of the precedent houses as the subject of this assignment (not necessarily the precedent on which they have worked).

First, write 5 statements that describe the architectural intentions of the architecture. Choose a single drawing or image that depicts this overall order.

Second, from this house precedent, select the appropriate assembly of elements that most fully manifests the tectonic logic of the architectural intentions, from ground to sky. In other words, choose a representation of the *PART* that most fully expresses the order of the *WHOLE*.

Build a model of this assembly that explores the poetics and logic of the architecture's tectonic and material culture at the scale of 1:5.

## Consider:

In choosing the appropriate assembly for study and model making, it is not advised to simply cut off a section of the overall building. Instead, design the *PART* by assembling the key elements that taken together, most fully communicate the inner order of the *WHOLE*.

In choosing modeling materials to represent the materials in the actual house, consider how the actual materials operate in the architecture, and find modeling materials that evoke similar experiential fundamentals: for example, to represent concrete you do not have to pour concrete for your model, but instead use a material that is understood as heavy, grounded, dense.

## Deliverables:

1. 5 statements describing the architectural intentions of the chosen house precedent.
2. A single image or drawing that embodies the overall order and architectural intentions of the chosen house precedent.
3. A 1:5 tectonic model of the designed *PART*, composed to evoke the material presence of the *WHOLE*.
4. Compose the above deliverables, including key photographs of the tectonic model, into a single board to be posted onto the blog.

**Post all deliverables to your blog by 11:59 pm on Sunday November 20, 2017.**

## Recommended Reading

Frasconi, Marco. *The Tell Tale Detail*

