

A New Form In A Historic District

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May 5, 2009

Thesis submitted to the faculty of Virginia Polytechnic Institute and State University in partial fulfillment of the requirements for the degree of Master of Architecture.

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Keywords:
house, historic preservation, wall, shadow,
light



Abstract

Historic preservation commissions are required to review proposals of new construction - infill - within historic districts. Often, this process is viewed as something that stifles an architect. What can an architect do to both comply with the preservation commission's wishes and fulfill their clients desires to have an innovative new construction? An architect must look past the prescribed ways of satisfying preservation commissions and fully interpret the outcome the preservation commission is trying to produce.



Acknowledgements

Mom/Dad/Sis
Nan/Pop
Daisy
Ian
Celine
Kristie/Beth/Nicole
the Underground

the original "21"

& of course, my professors...

love/support
(and sometimes a swift kick in the pants)
humor/encouragement
willingness to go on a quick walk to destress
thoughtfulness/everything else
friendship/ tears
advice
drinks/darts when throwing was needed



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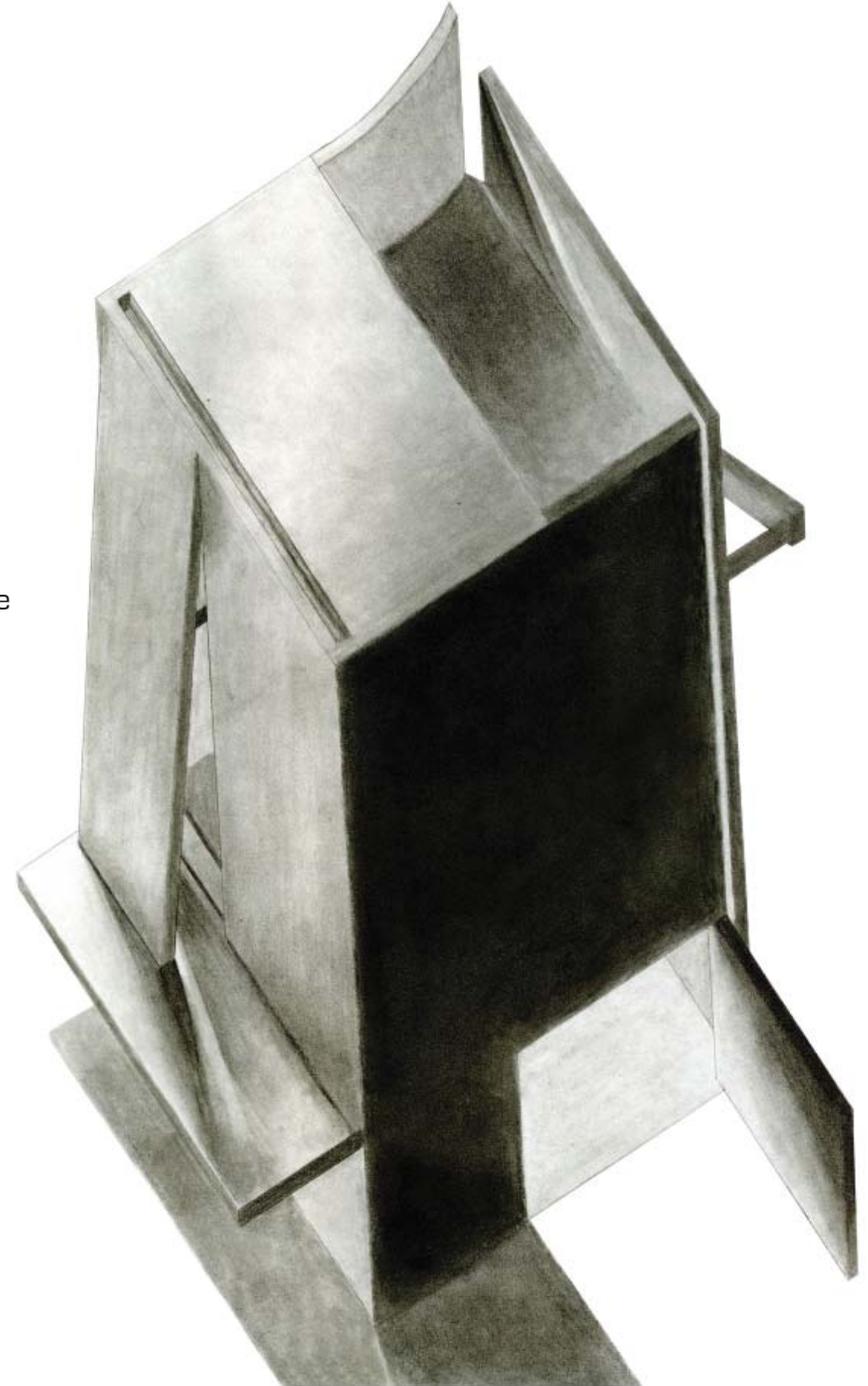
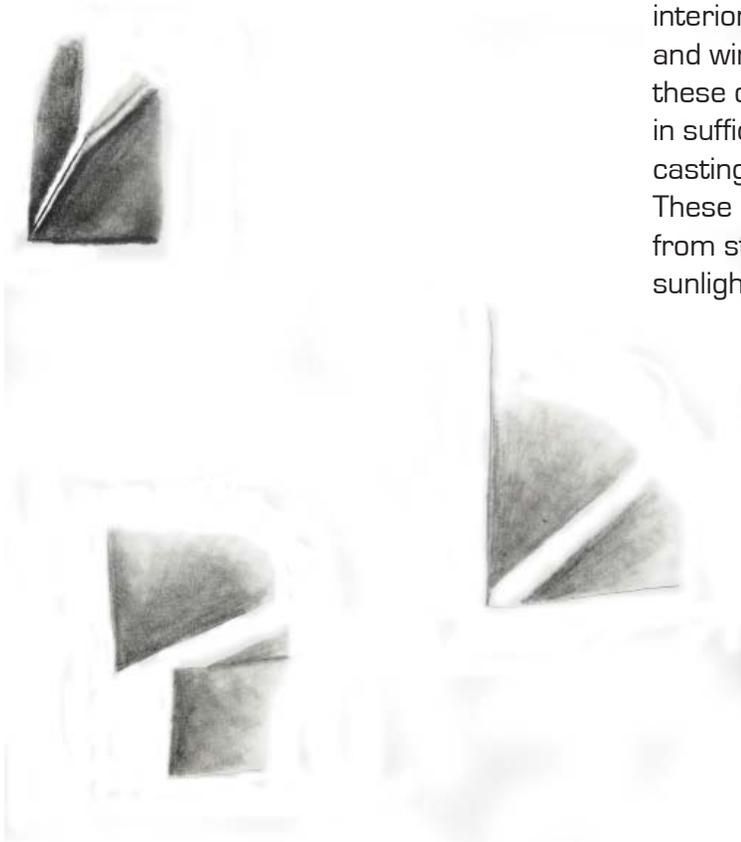


Introduction

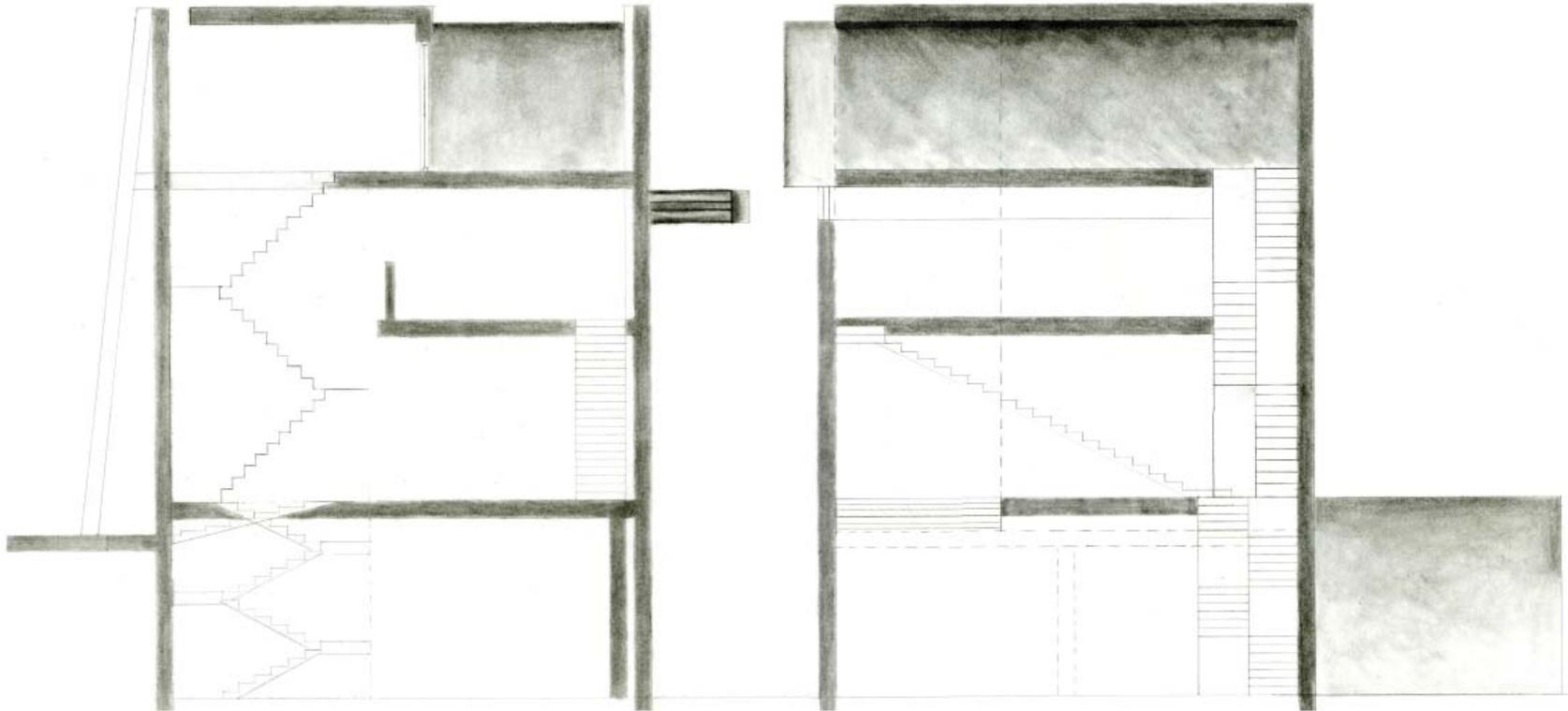
This thesis was generated by an outcome and an idea. The outcome is a new construction within a historic district that more closely resembles the historic homes that surround it, rather than a new architectural form. This thesis sets out to explore the possibilities of infill, while recognizing the restrictions of historic preservation commissions. The idea is that by using historic preservation commissions' restrictions as a generator, one can examine the many ways that such restrictions can be satisfied, while exploring a new house form. This thesis should serve as one example, in hopes that the ultimate goal of showing the evolution of a neighborhood can be fully obtained.



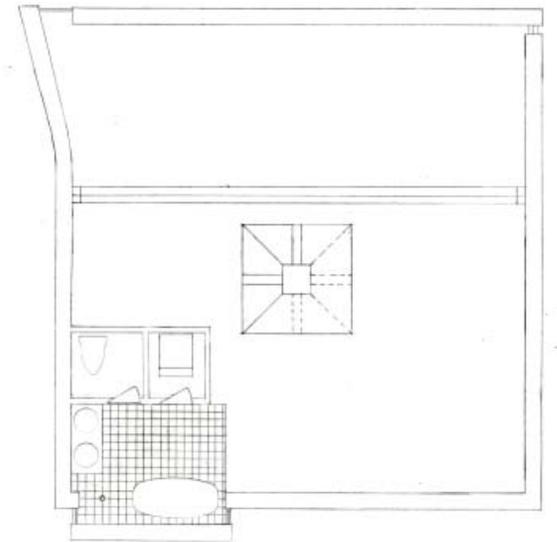
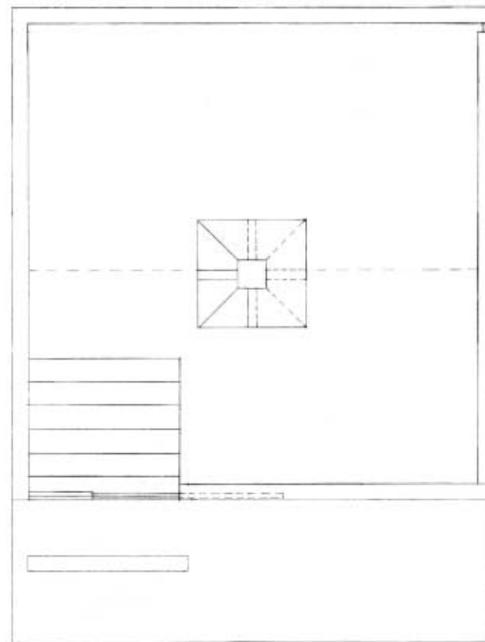
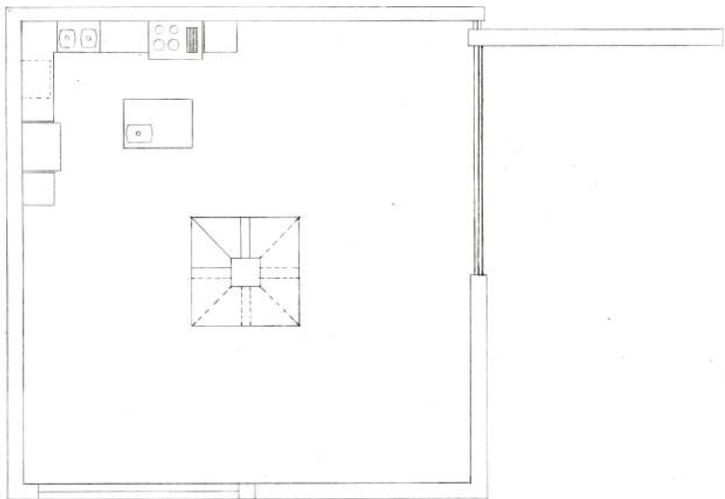
After starting with cubic volumes, I began to explore how openings would affect the quality of light on the interior. Rather than doors and windows, I realized these openings would bring in sufficient light, while also casting brilliant shadows. These drawings were made from studying a model in the sunlight.

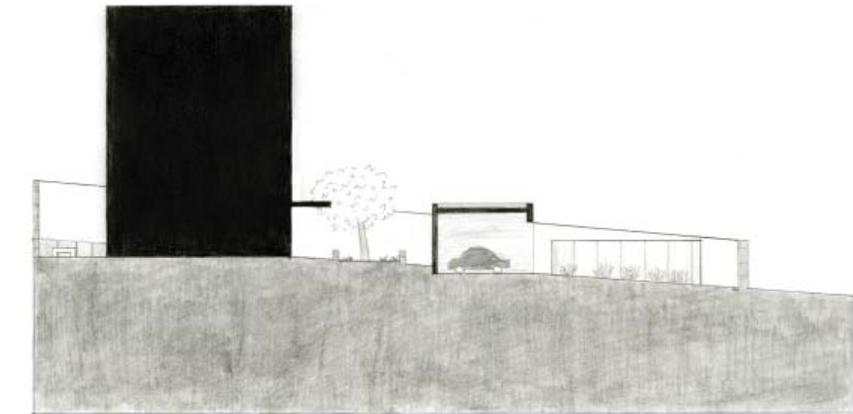


Section Drawing

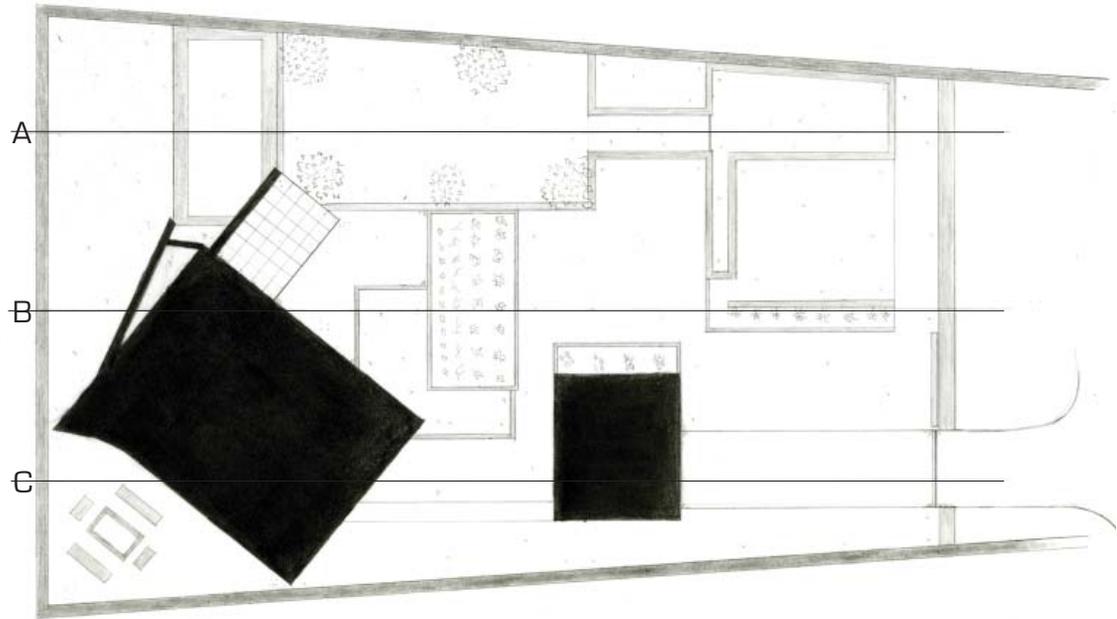


Floor Plans





Site



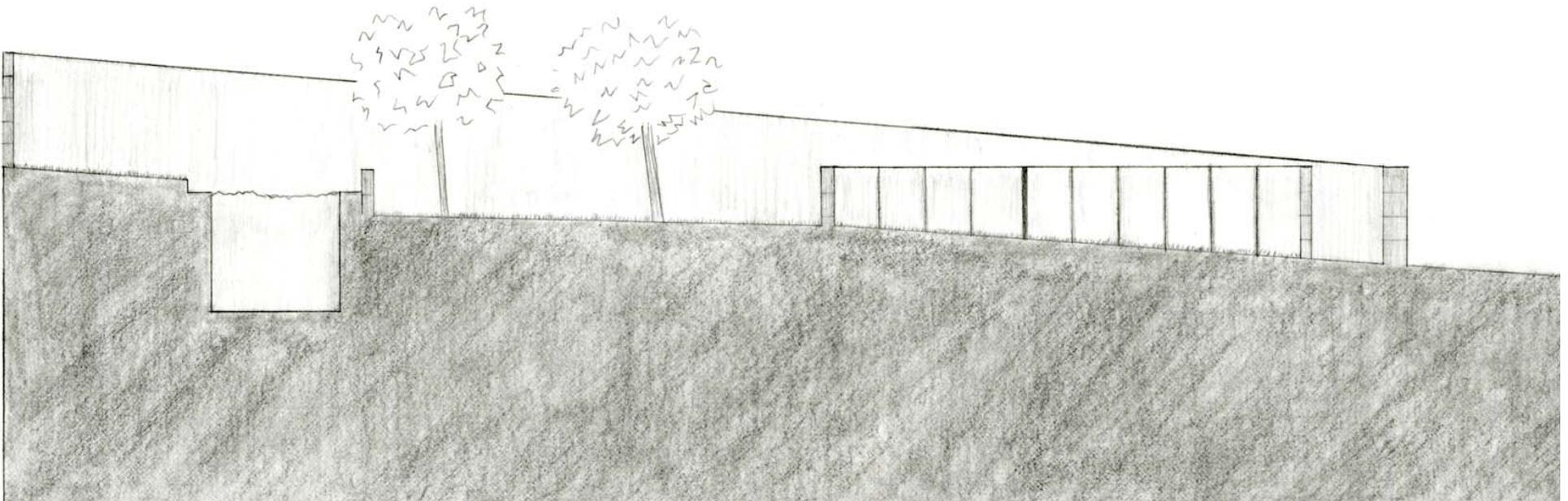
A

B

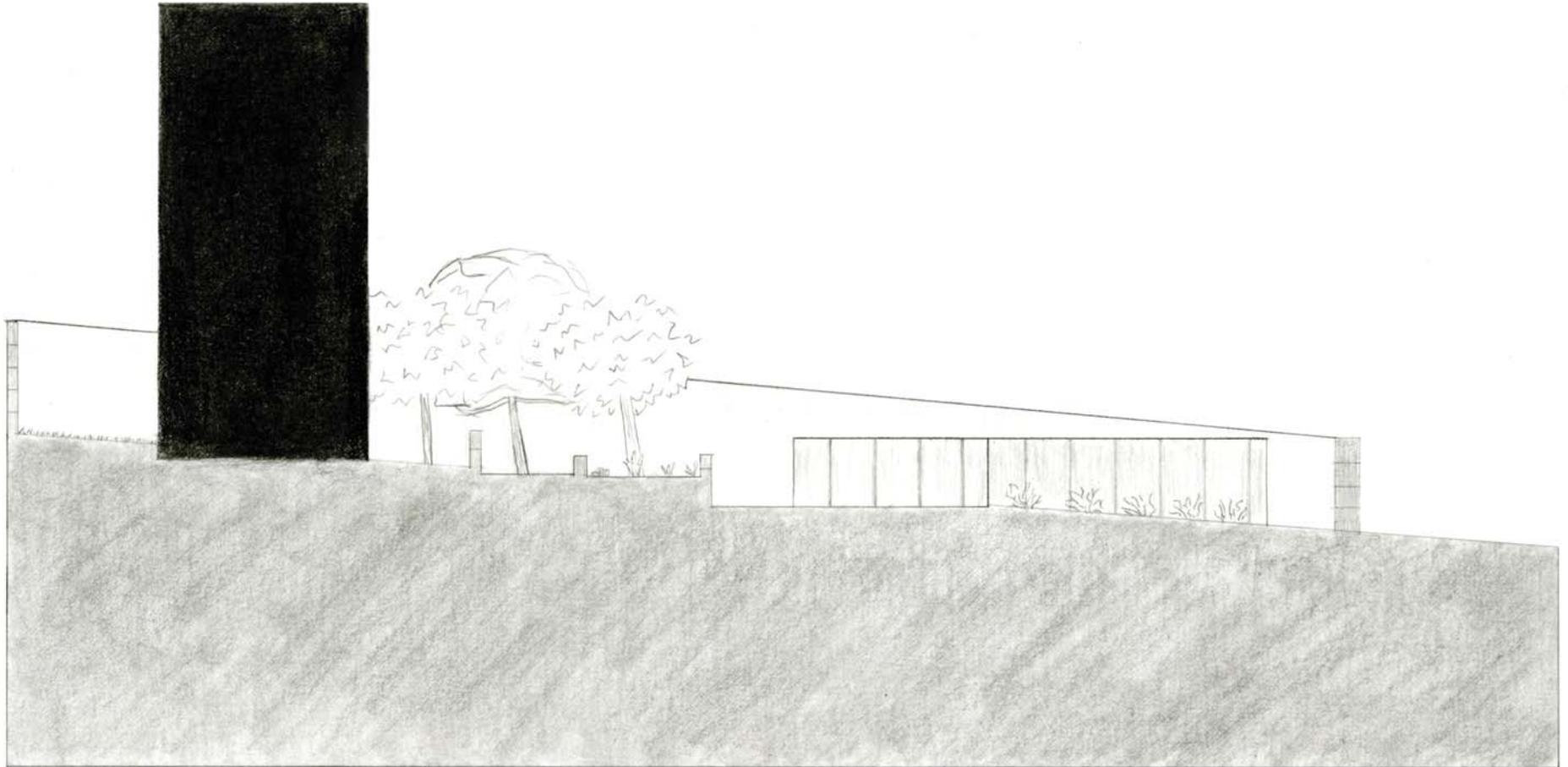
C



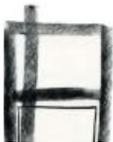
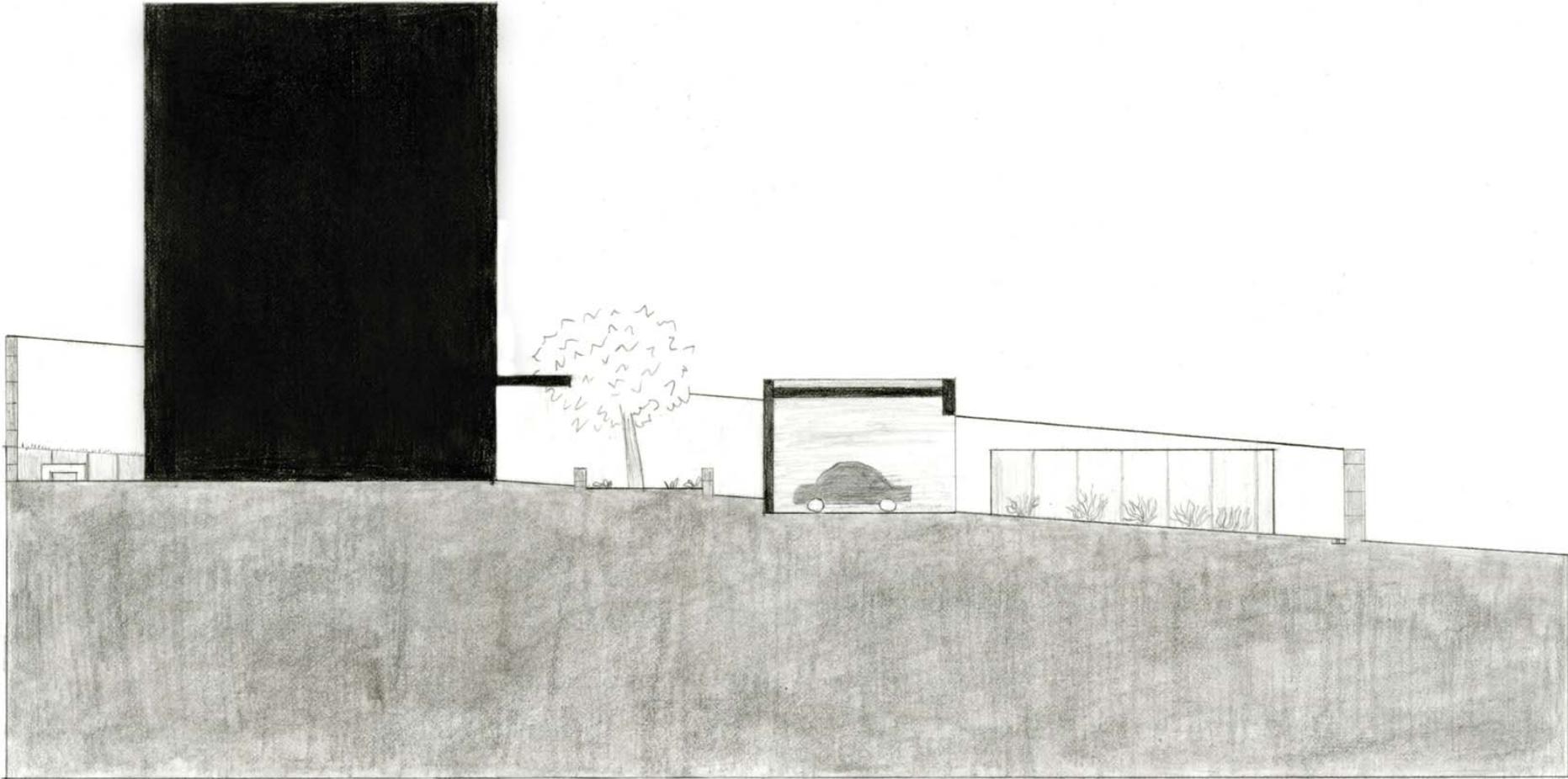
Site Section A



Site Section B

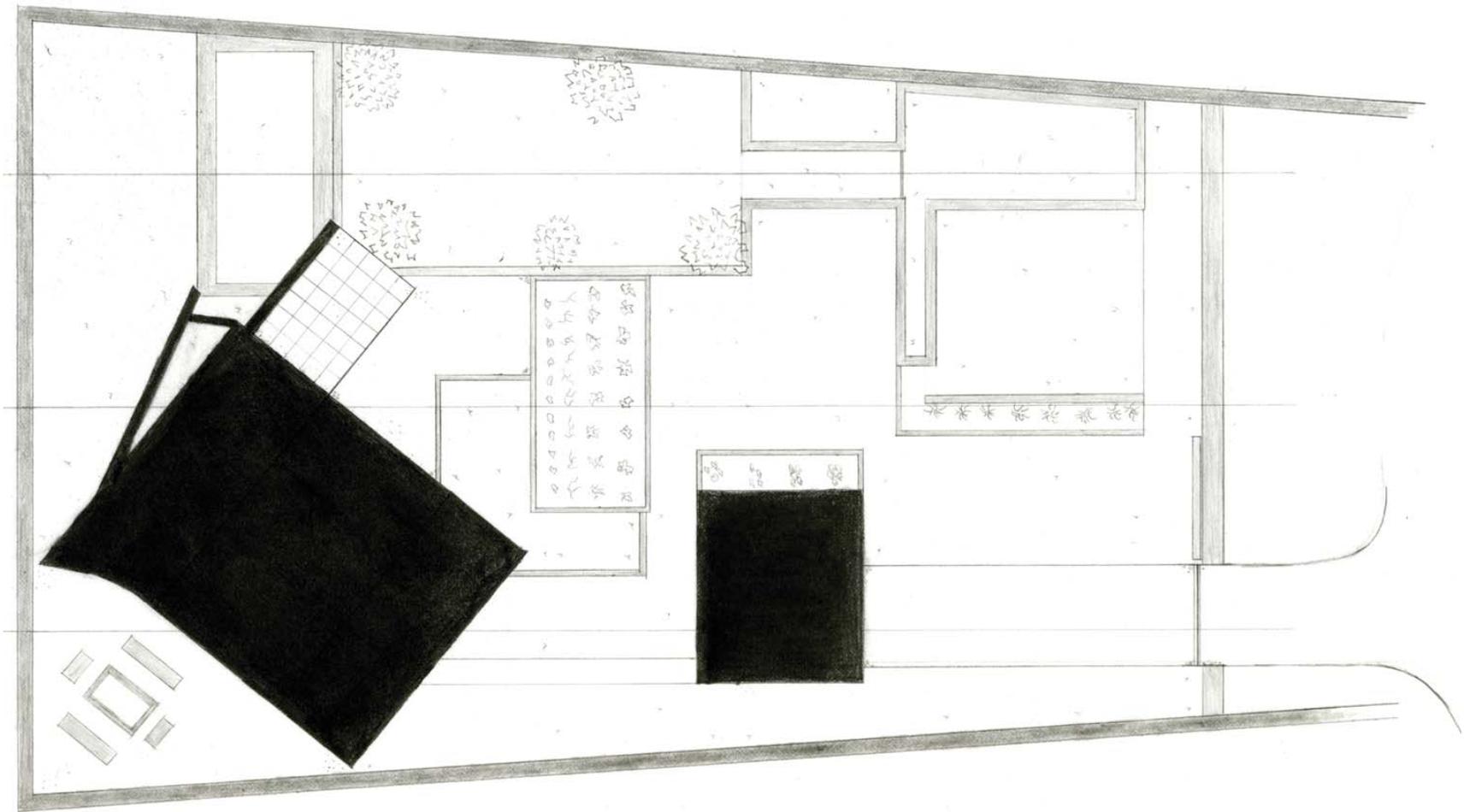


Site Section C

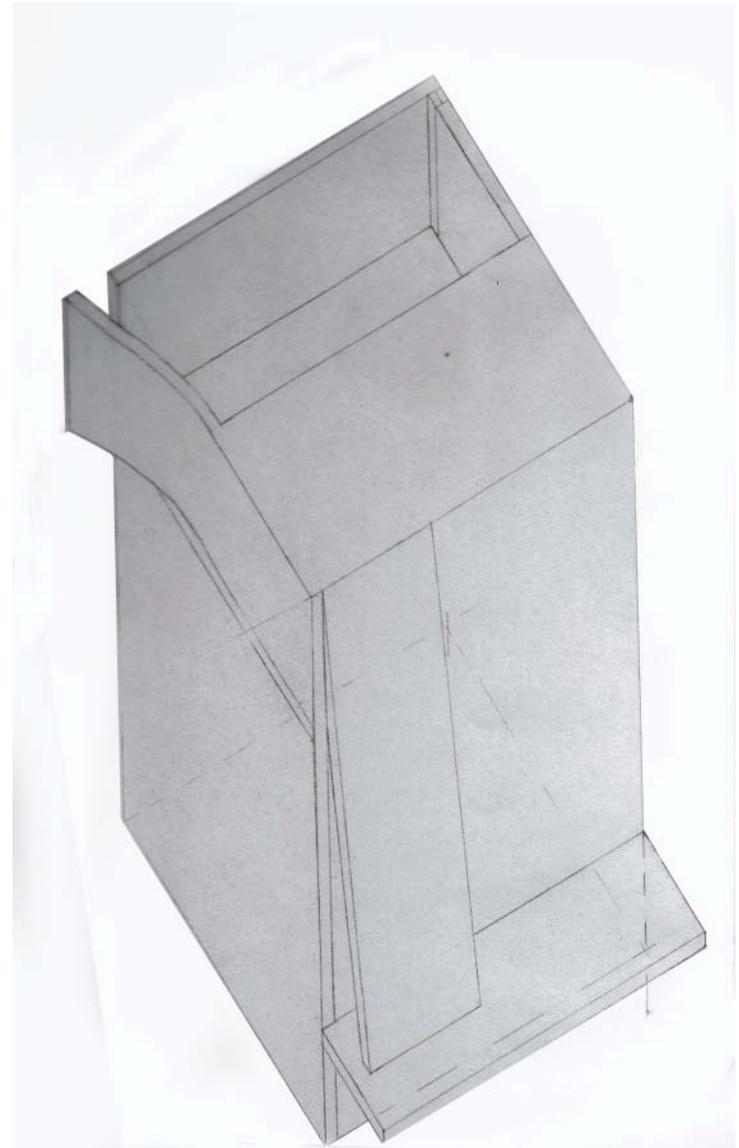
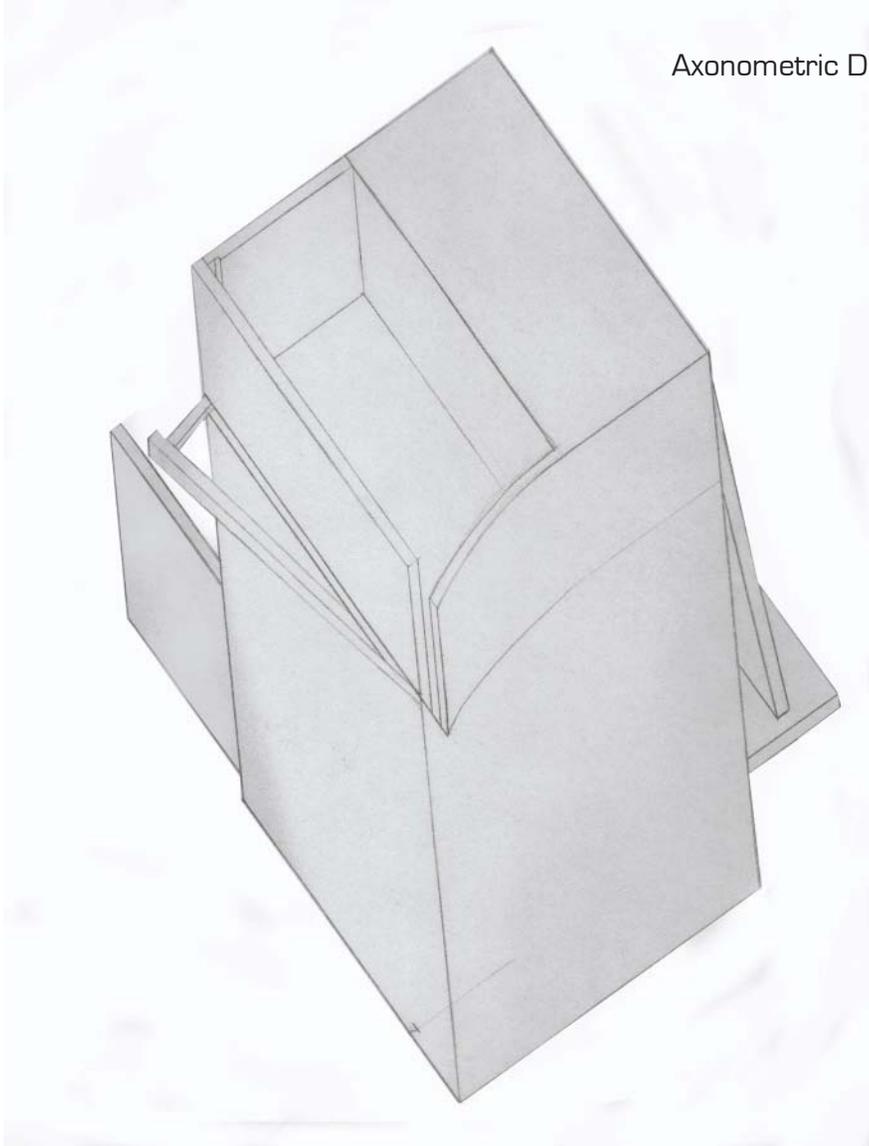




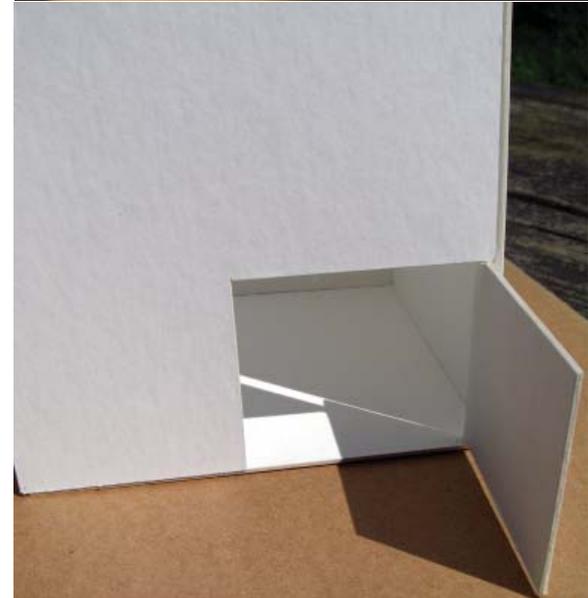
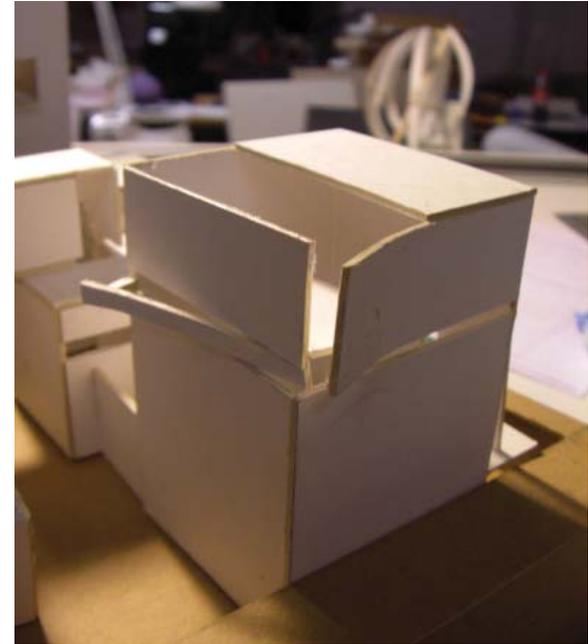
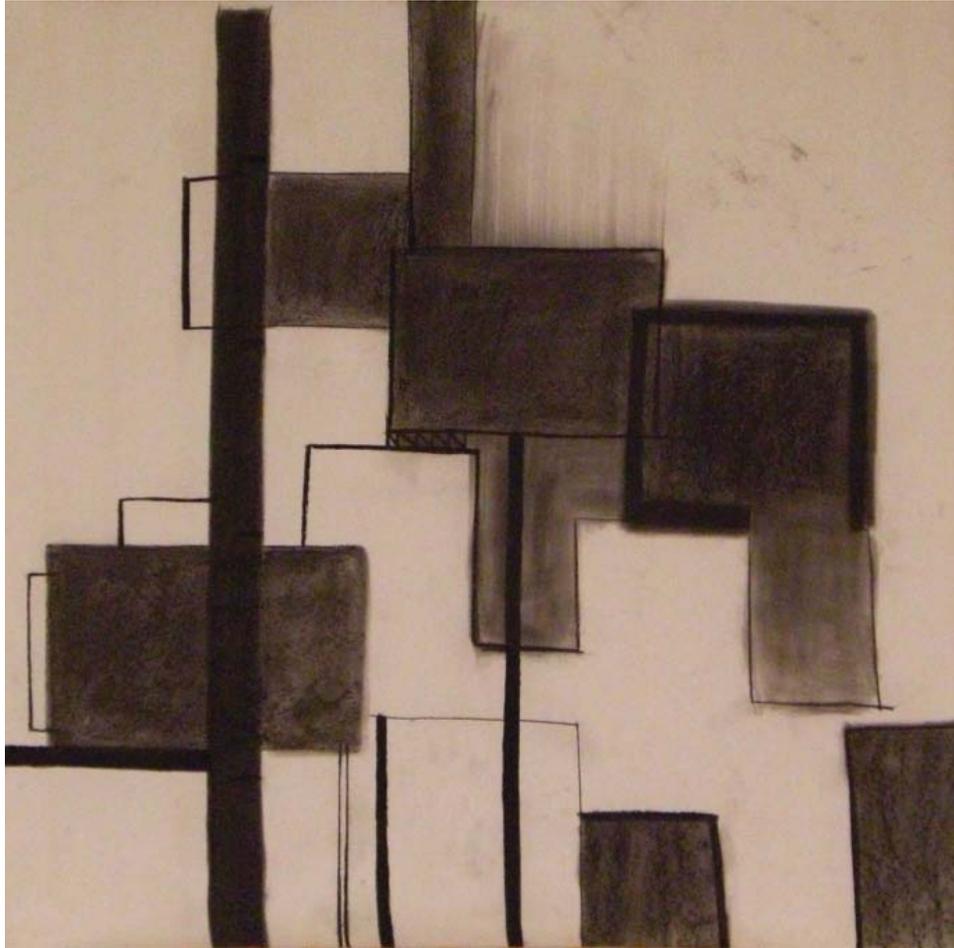
Site Plan



Axonometric Drawings

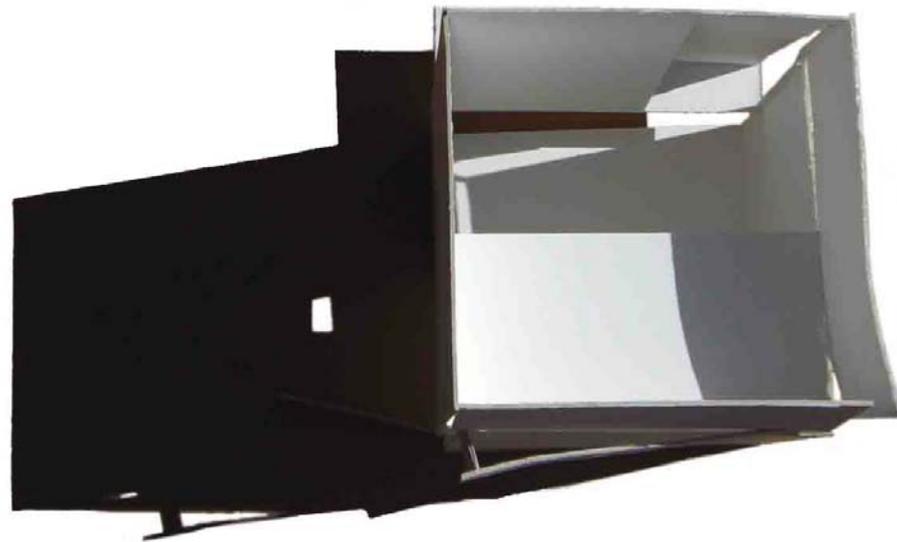
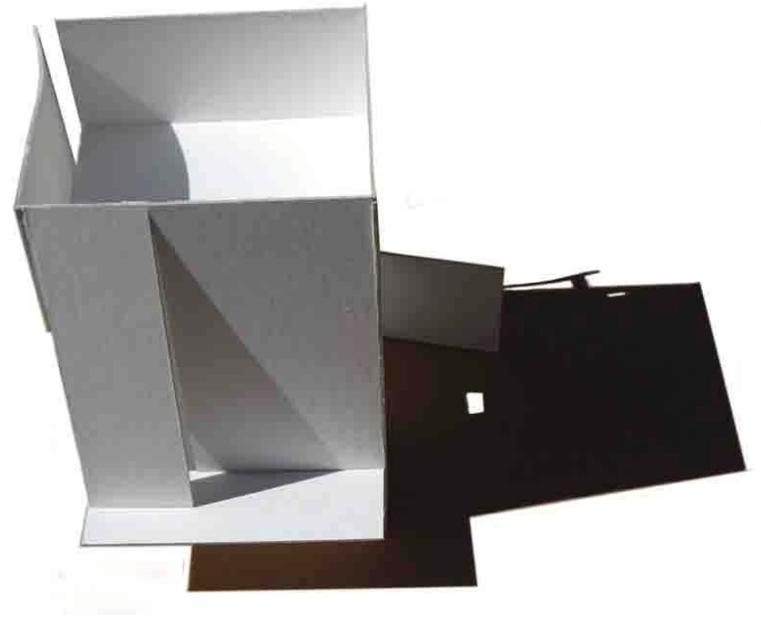
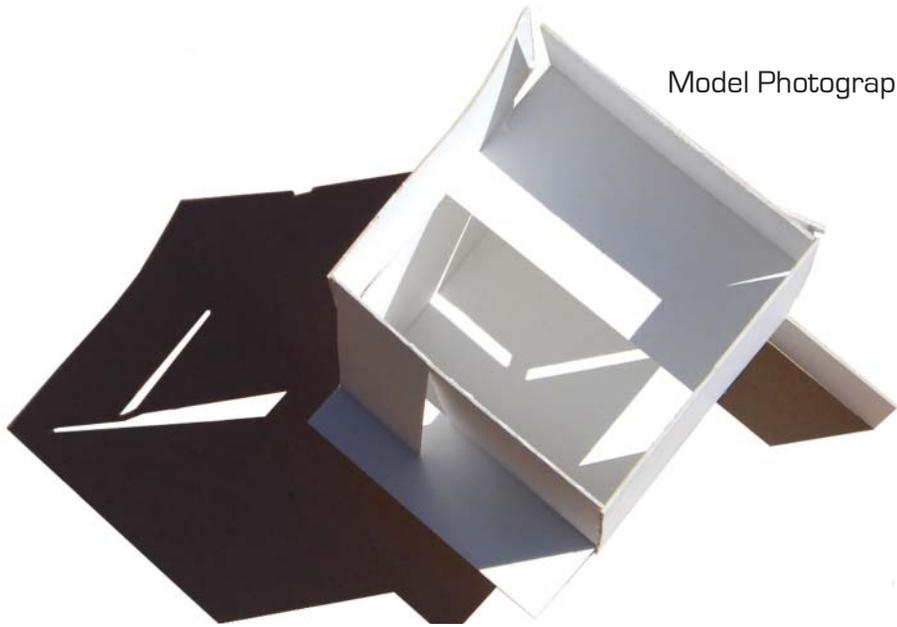


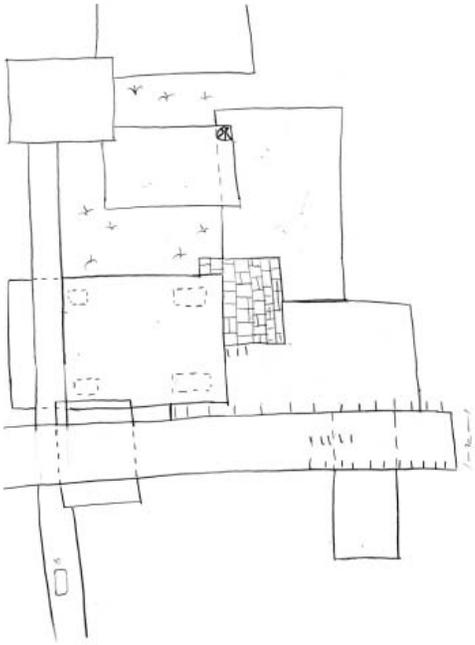
Charcoal Drawing



Model Photographs

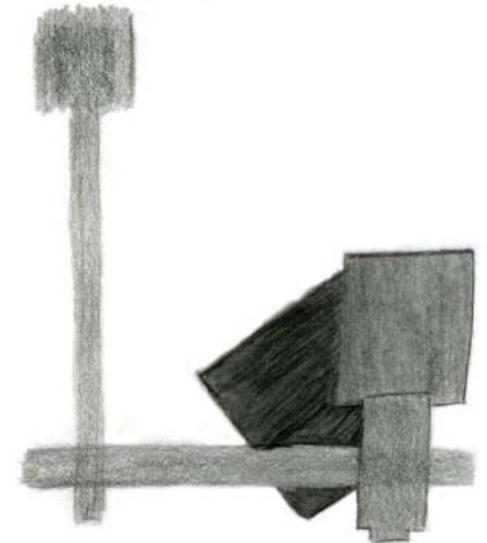
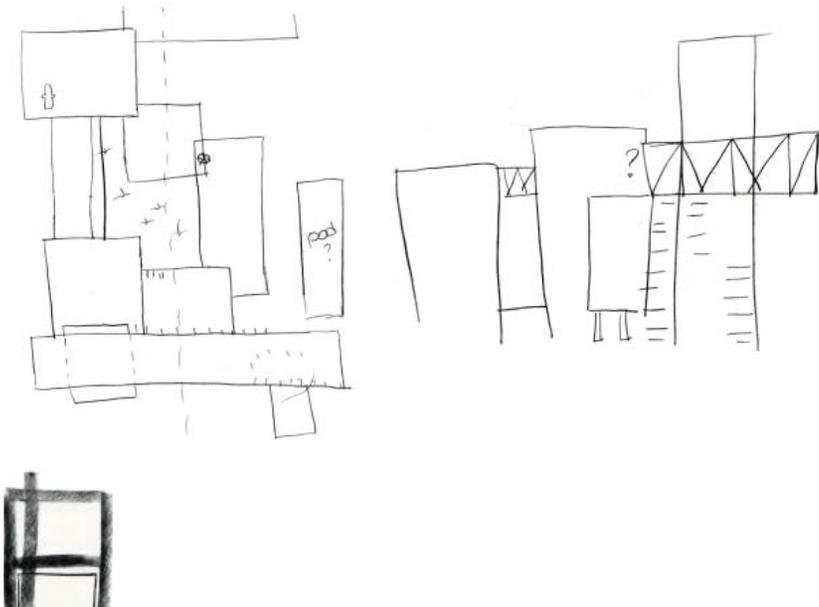
Model Photographs

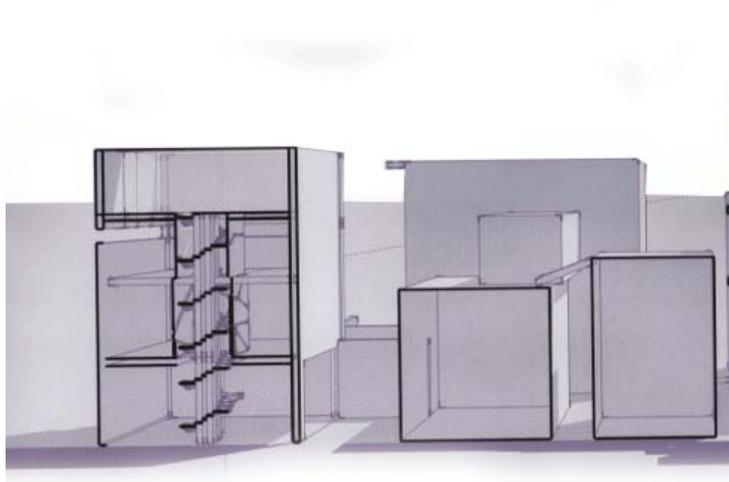
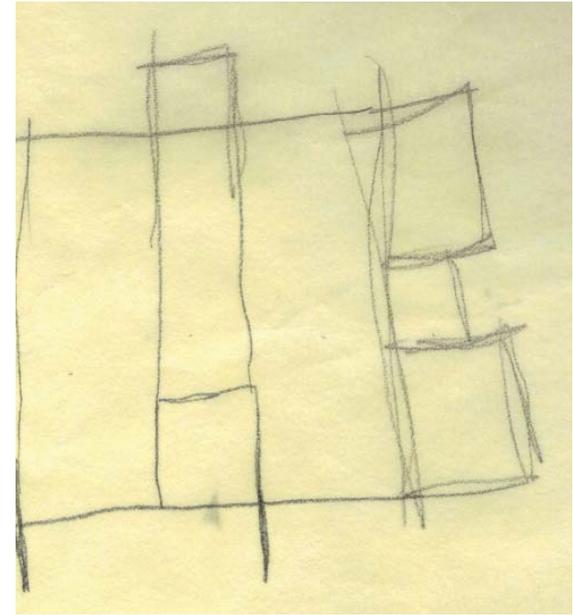
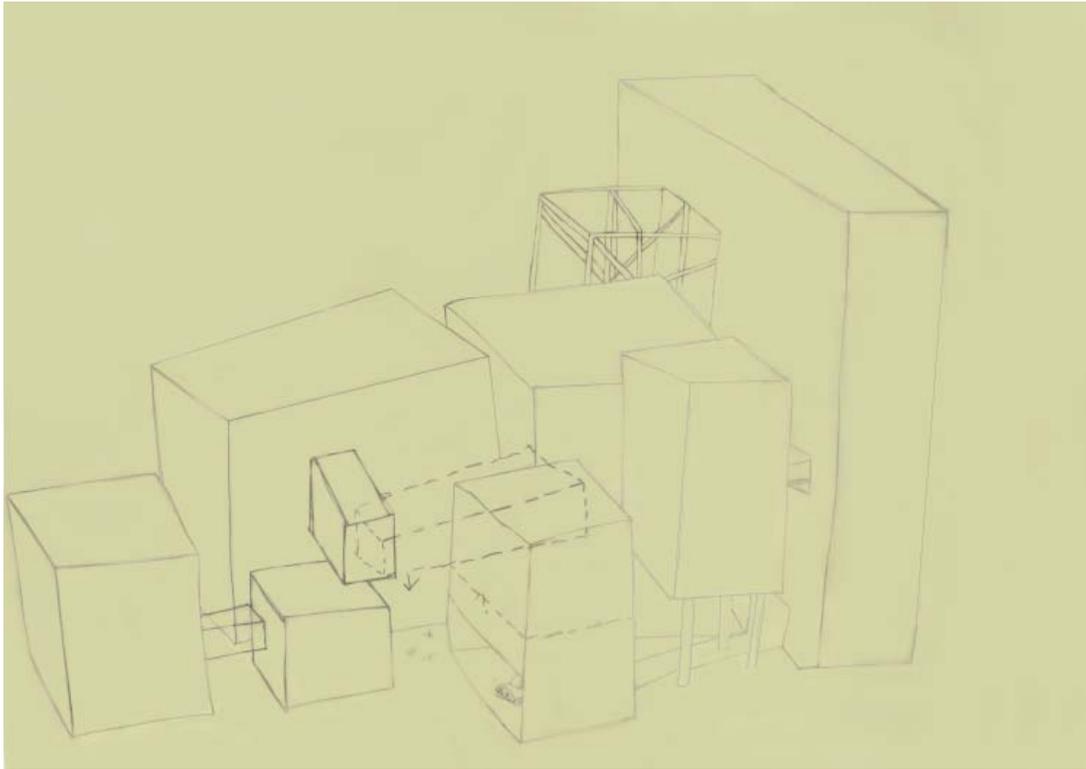


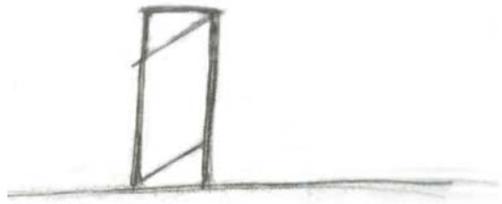


Sketches and a painting of how the site plan could be broken into separate volumes and how that would read from the street.

Eventually, the apartment form was chosen to develop, while the rest of the site was terraced in a way that reflected the footprint of the other volumes.







Preliminary sketches of house forms-mainly exploring how the historic house form can be broken, while still retaining roof pitch and height.

