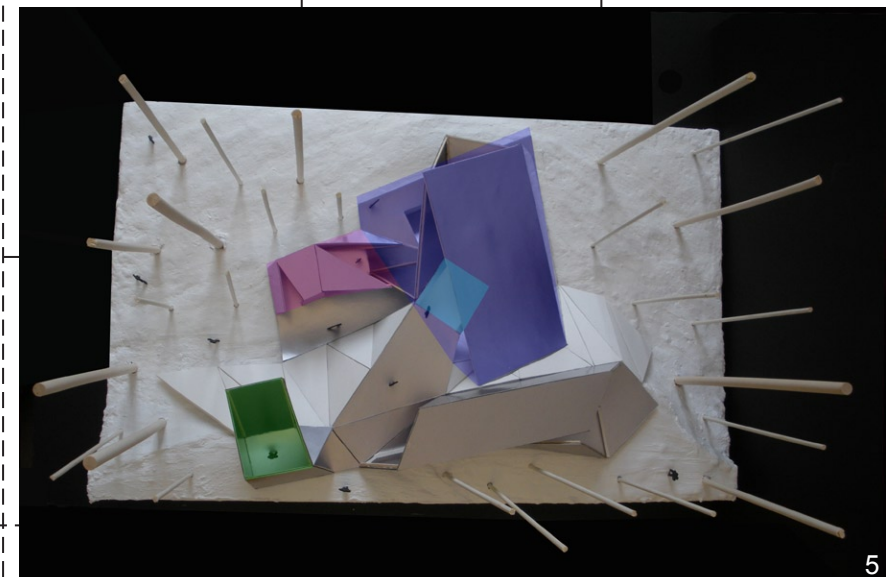
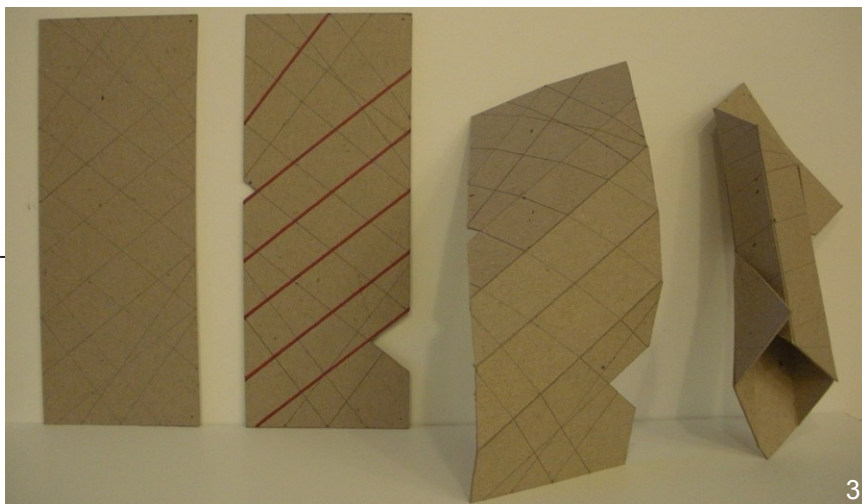
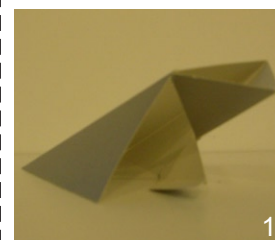
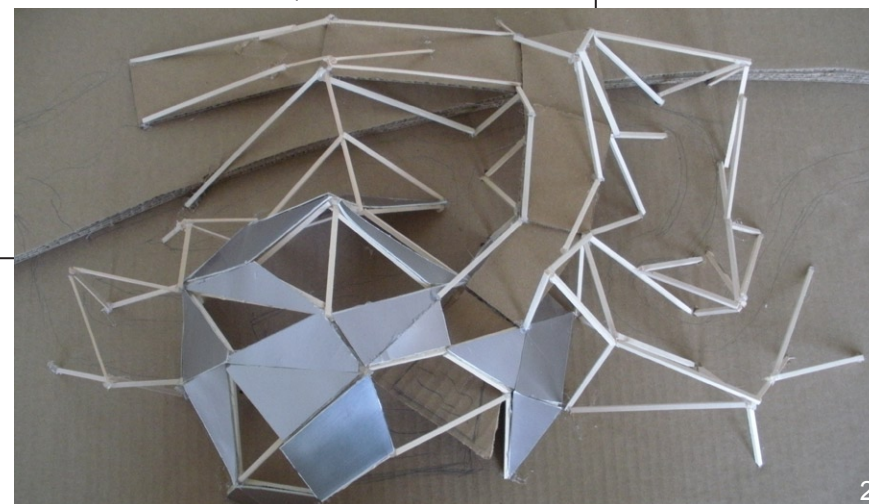
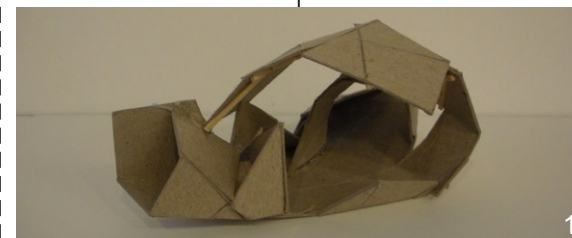
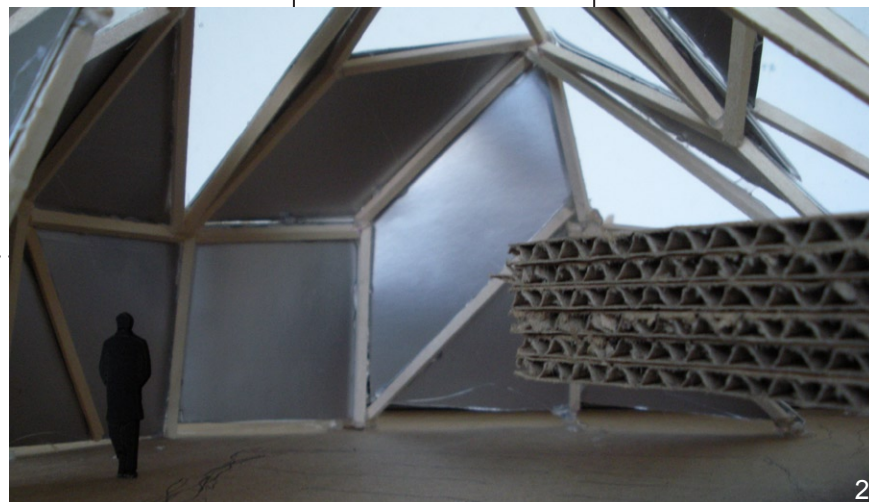
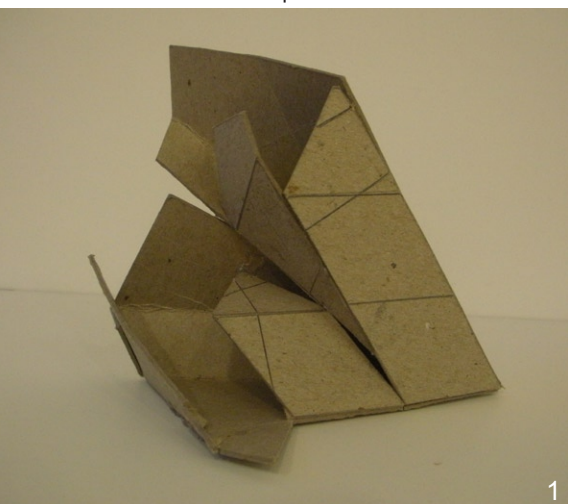


PROJECT 1 APERTURES

BENJAMIN HOWE
48-205 | Spring 2010
Studio Instructor: Teresa Bucco
School of Architecture
Carnegie Mellon University



PRIVATE MEDITATION PRIVATE SPA PUBLIC SPA CHANGING ROOMS



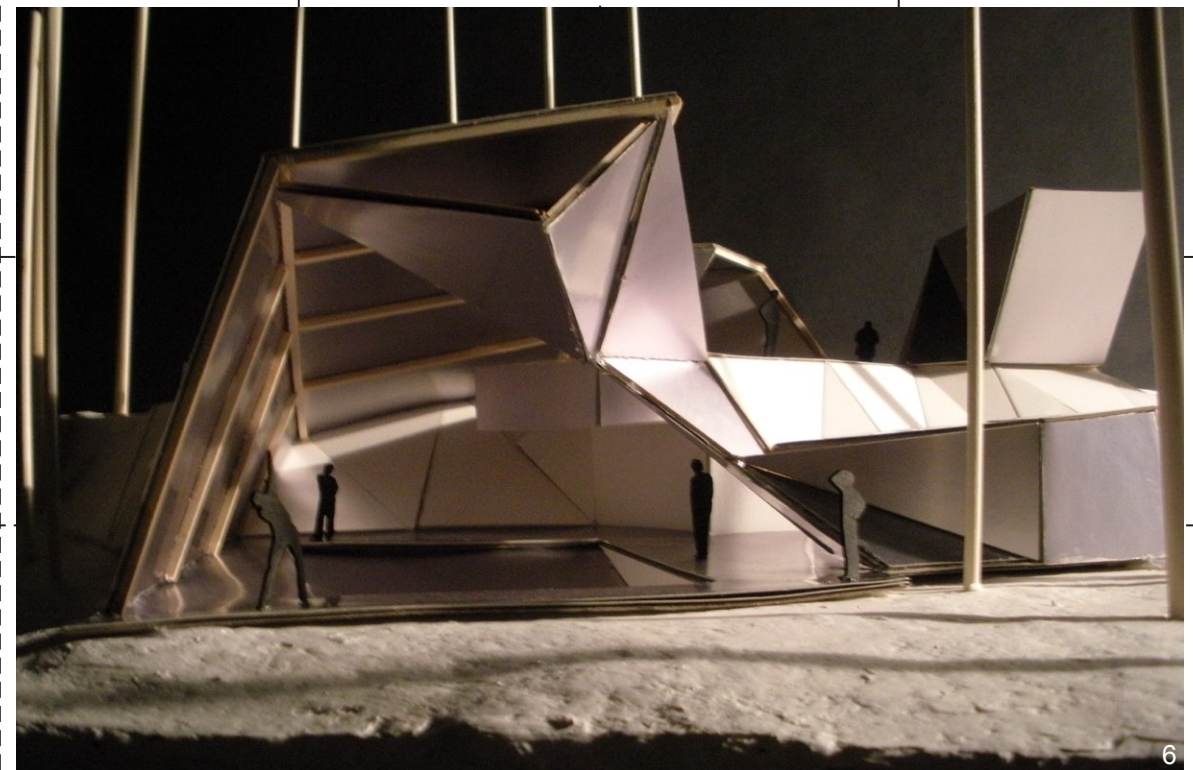
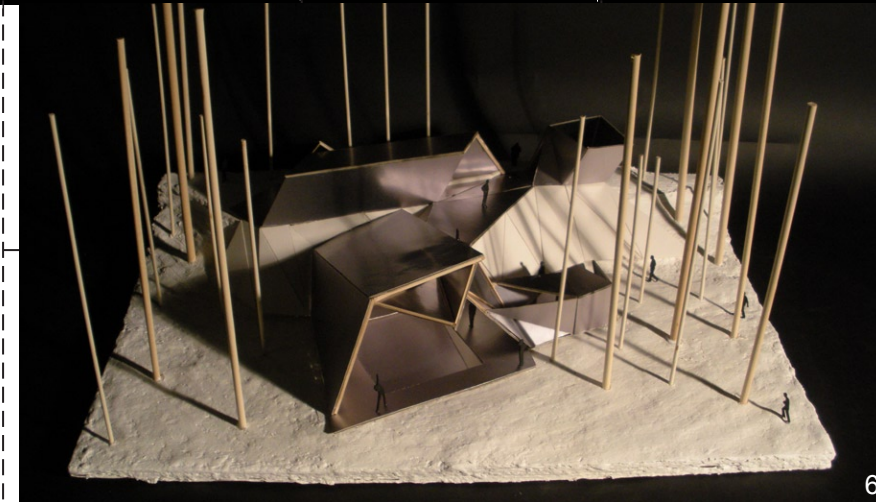
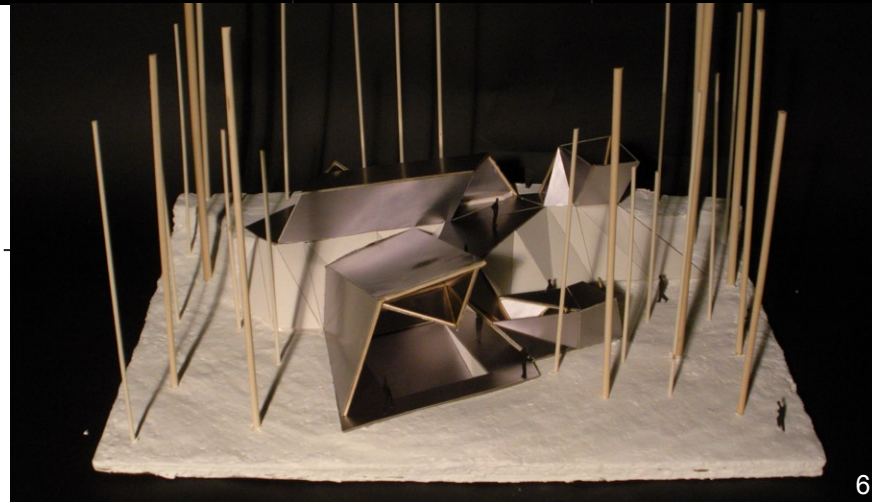
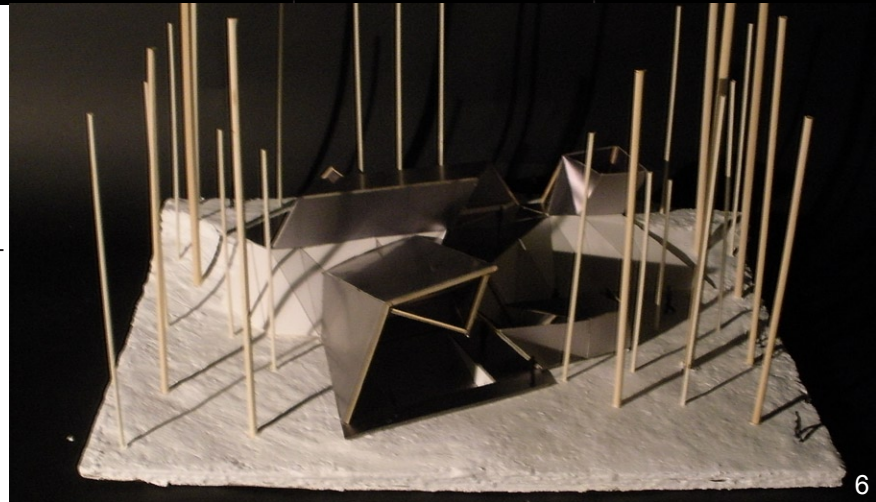
Picture Numbers

- 1) Study Models Exploring Folding
- 2) Study Models Exploring Structure For Folds
- 3) Sample Folding Method Diagram
- 4) Collages
- 5) Diagram
- 6) Final Model Photos

PROJECT 1 APERTURES

BENJAMIN HOWE
48-205 | Spring 2010
Studio Instructor: Teresa Bucco
School of Architecture
Carnegie Mellon University

Benjamin Howe YEAR 2



Project Statement

My project is an exploration of folding to create the apertures, walls, and plinth. It started as picking one angle drawn on a rectangle and seeing where the folds took me. I then learned how to control the folds to get the desired forms for this spa retreat located on the north side of Saco Lake in New Hampshire. For my two materials I was interested in using metal for its malleability to fold and then a steel structure to support the folds. The second material was concrete for the pools as well as a retaining wall that comes from my position exploring peeling. Most architects use peels to create forms that are low to the ground and I took the opposite approach by being more aggressive. The best example is the main spa where I was able to combine my folding with peeling. I would pick up a peel and then fold it to my desired form and make it aggressive in nature.