Digital Fabrication and Materialization: BodyHOUSE (Spring 2008)
Designed and fabricated by Yuchen Liu

Body Generating

Parametric Generating
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Fabrication Layout of Bodyhouse.

Dynamic wall system of Bodyhouse – 1/6 mockup.
"Parametric Tent" is a case study of Frei Otto’s Sasabhai Tent Project which is not fully documented. Use parametric software as a tool to reveal system geometry and kinetic behavior of Frei Otto’s tent project, and make design melioration by parametric analysis and a series of tensile mockup studies.
"Float" is a combination of three small floating units with undulated forms which are supported by six pontoons underneath the folded aluminum structure. Each floating unit can be used separately, or be assembled as an engaged geometry by two different ways. "Float" serves as a tidal stage for all public activities.