The Community Design Tool:
Unfolding Participatory Urban Design in a Dynamic Three-Dimensional Environment

By: Korbin David daSilva, 2011

Supervisor: Prof. Renee Sieber, Reader: Prof. Raphaël Fischler

Abstract

The Community Design Tool allows for community members to engage in a community controlled urban design process within a dynamic three-dimensional environment. The community members are guided by a methodology for participatory urban design adapted from Christopher Alexander's work on generative codes and the process of unfolding. Community members and non-professionals understand spatial concepts and designs more naturally when viewed in three-dimensions and when they can interact with the environment dynamically. The Community Design T