

# ARTIFACT & ARTIFICE

L 1 Prof. J. Meejin Yoon

4.123- LEVEL 1 GRAD  
ARCHITECTURAL DESIGN  
2-6 PM T, R, F

## *LAND FORM PROCESSES CENTER*

The Land Form Processes Center is a research institute whose mission is the gathering and dissemination of knowledge in the field of geomorphology. Founded by Ian Gilbert, the great grandson of G.K. Gilbert (1843-1918), the father of process geomorphology, the Center's mission is to support scientific research and dialogue in an increasingly interdisciplinary field. Over the years, the Land Form Processes Center has grown from a small institute responsible for organizing and sponsoring collaborative research projects focused on measuring and recording the earth's dynamic processes and transformation over time, to a substantial organization with a growing agenda. In response to the brain drain from and marginalization of the field relative to new scientific disciplines, its most pressing mandate is to generate public awareness and interest in the field. While continuing their mission to fund collaborative scientific research projects in geomorphology, the Center has found new resources to initiate 3 separate programs: Earth Collaborative, GeoMorph and Public Land Form.

Earth Collaborative is a visiting artist and scholar program that sponsors three artists and three scientists to collaborate on projects over the course of two years. The program provides financial resources, physical space and a public forum for the collaborations. GeoMorph is a student outreach program that sponsors six gifted students from K-12 in the field of science to intern as junior researchers on interdisciplinary scientific research teams sponsored by the Center under its normal research directive. Typically in a given year, there are 3 funded research projects. While most research projects require project teams to be located on the specific sites outside the center, the institute, provides space for processing, cataloging and discussing the research for all parties involved. In addition, it provides modest residential quarters to its visiting scholars, artists and student interns. Lastly, Public Land Form is a public exhibitions program whose mission is to make geomorphology accessible and interesting to the general public. The new curator of the exhibitions program is interested in expanding the traditional boundaries of the discipline from natural landscape processes to incorporate human-made interventions and transformations of the earth's land form processes.

Based in Elco, Nevada, the Land Form Processes Center has decided to create a second branch in Boston, Massachusetts. Involved as consultants on the Big Dig project, the institute sees great potential in Boston to engage educational institutions and an informed general public. However, in looking for property in the area, the center found that they were significantly priced out of the real estate market. Through a long series of discussions and complex negotiations with the Boston Redevelopment Authority, the LFPC has secured for the token cost of \$1.00 what is deemed by the city as a marginal and unbuildable site. However, the sale of this site was contingent upon three conditions.: 1) over 50% of the ground -scape must be designed as a public park to be used by the sur-

rounding community 2) the project must engage the elevated highway to provide either a sound barrier or visual barrier from the rail lines 3) the Center must provide an informal community space protected from the elements for the homeless who currently frequent the area and sleep at the Pine Street Inn.

As a gateway to the city, the Boston Redevelopment Authority has emphasized to the LFPC the importance of the architectural presence from both the elevated highway as well as the park and channel. In addition to the criteria of the BRA, the Land Form Processes Center has a significant program of its own. Furthermore, two important collections have been donated to the center: the World Coastline Collection, a collection of maps and photographs of the changing world's coast lines, and the American Strata Collection, five 80' tall, 10' wide and 3' deep geological core samples from different geological sections of the United States. In addition to the below listed program requirements and the two above mentioned collections, the Center is mandating that the architecture acknowledge and register both the land form processes of the site, (present, past, elevated and underground) and its own intervention in the site's natural and artificial processes. The BRA has given no restrictions on the site. Excavation, cantilevers, building in the channel, redirecting the channel, engaging the tunnel, engaging the elevated highway, using existing infrastructure for structure are permitted.

SCHEDULE		PROGRAM
Oct. 30	Issue Program	Lecture Hall -100 persons
Oct. 31	Desk Crits Concept Discussion	Indoor Galleries- total 8,000 square feet Outdoor Galleries- 5,000 square feet
Nov. 4	Desk Crits 3 Concept Models	Research Labs- (3) 1000 square feet Studio Spaces- (3) 800 square feet
Nov. 6	Pin-Up Concept Model development	Conference Spaces- (3) 600 square feet Administrative Offices- 850 square feet
Nov. 7	Desk Crits Site Sections (3)	Café- 1,000 square feet Library- 5,000 square feet
Nov. 11	Desk Crits Sectional Models (2)	Sleeping quarters- 3,000 square feet total Indoor Rock Climbing Wall- 1,000 square feet
Nov. 13	Desk Crits Model + Plans	
Nov. 14	Desk Crits Sections	
Nov. 18	Mid-Review Plan, Section, Model	
Nov. 20	Desk Crits Diagrams of systems	
Nov. 21	Desk Crits Revised Plan + Sections	
Nov. 25	Desk Crits Model at 1/8" scale	
Dec. 2	Desk Crits New Model at 1/8" scale, Plan + Sections	
Dec. 4	Desk Crits Experience Images, Perspectives/ Collages	
Dec. 5	3/4 Review Model 1/8" scale, Plan, Sections, Experience Image	
Dec. 9	Desk Crits	
Dec. 11	Desk Crits	
Dec. 12	Desk Crits	
Dec. 15 -19	Review Week	