Cheng's Arch 484/584 - Architectural Design

CO-HOUSING

the new urban village

Working in groups, the students have been designing a green cohousing community for progressive organic farmers and friends in Bend, Oregon. They are designing for the northern 5.6 acres of a flat triangular lot with an irrigation canal on the long side of the triangle. The farmers will retain the remaining 3.79 acres and will participate in the community. The program includes a common house, 24-26 units of housing and outdoor play areas and gardens. The students should be able to articulate their design concept and talk about how the site design supports sustainable ecology and a social / economic scenario. A few of the big issues are:

- image & connection to the surrounding environment
- enhancement of natural assets
- development of public, semi-public and private realms (back/front)
- appropriateness of sustainable measures

Eugene Reviewers		
8:30-8:40	I N T R O D U C T I O N S	
	Howard Spector Dan Herbert (9:30-11:30) Melinda Nettles Michael Fifield	Richard Shugar Serena Coltrane-Briscoe Stephen Duff Mark Gillem
8:45- 10:15	Team LARS : Oasis Acres	The Street Team - Eastside
	Howard Spector Scott Clarke Melinda Nettles Michael Fifield	Sara Bergsund Serena Coltrane-Briscoe Stephen Duff Mark Gillem
10:30- 12:00	CCCP (Colony, Caitlin, Colin & Peter)	Team Dell : SyNeRJy

Students have been asked to do the following

A. Confirm / adjust site massing according to feedback

SOCIAL ISSUES:

Connect to larger neighborhood
Provide for community activities
Script entry sequence to units

REALITY CHECK

Program: % common space, parking allotment & unit mix realistic?
Code: egress & life-safety requirements

B. Sustainability study

Incorporate sustainability measures into buildings (one per student) All should include passive solar & daylighting.

Research relevant best practices, local materials and methods

C. Form Development

Land forms and landscaping: common, semi-public & private areas
Planning of unit clusters
Planning of common spaces
Elevation and massing

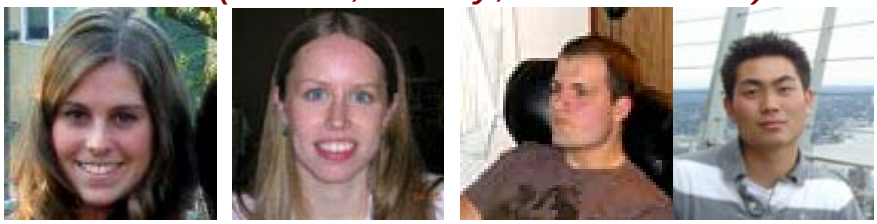
D. Construction

Select structural system, enclosure materials

TEAM LARS (Linda Alex Russ & Sam)

THE STREET TEAM (Chris, Matt, Nick)

TEAM CCCP (Caitlin, Colony, Colin & Peter)



TEAM DELL: SyNeRJy (Scott, Nathan, Robert, Jackie)