

University of British Columbia

LANDSCAPE ARCHITECTURE TERM 1: 2005-2006

LARC 505 Sustainable Urban Design Studio (9)

M W F 1300-1700 Landscape Architecture Studio

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ASSIGNMENT THREE, PART THREE.

COMMUNITY DESIGN PROPOSALS

Assignment Issued: Monday November 7, 2005

Interim Pinup Review: Monday November 21, 2005

Final Review: Friday December 2, 2005

Public Presentation: Monday December 5, 2005

OVERVIEW

For this assignment you will stay in your present groups and take the next step toward our objective: a detailed design for the entire region. To facilitate this process we will make good use of the design manual, applying the urban design strategies therein to arrive at site influenced patterns of work, nature, movement, and neighbourhood.

For this assignment you will stay in your present groups and take the next step towards our objective. You will produce a detailed design for the region, working on your own 5k x 5x squares from the regional grid.

Learning Objectives

Learning objective 1: To learn how to use the fundamental elements of the built landscape kit of parts to quickly explore and propose urban design strategies.

Learning objective 2: To use the urban design kit of parts to make vibrant places

Learning objective 3: To learn how to add population while drastically shrinking the per capita drain on regional resources.

Specific Requirements

You will be producing a plan for gradual development of your assigned areas. Each plan will include four elements:

Plan Element 1: Show all the new and altered buildings would be necessary to accommodate a doubling of population in your area.

Plan Element 2: Show all the new or altered buildings where you would locate the required doubling of jobs in your area.

Plan Element 3: Show the the green infrastructure of your area (water quality, quantity, and habitat) in your area.

Plan Element 4: Identification of the main transit and movement corridors (transit, cars, bikes, walking, trucks).

Required Products (note, all products listed below are team products for the entire area you are working on...not for the individually produced sheets):

1. **Five Thousand Scale Plan:** For your area, add population, jobs, green infrastructure and multi modal corridors in conformance with population distribution chart shown at: http://www.landfood.ubc.ca/urbanstudio/2005/2_class/gvrd_mosaic_2056_pop.pdf. Please assign within your groups individual responsibility for certain 5k squares. These squares will carry your names as designer on the web site when we are finished. We will provide graphic examples for prototypical detached, attached, and apartment type housing - as well as typical footprints for business park type structures and schools.
2. **Detailed Scan from Plan Drawing:** We hope to have a drum scanner available for this purpose in the next few weeks. If not we will have to use a camera and stitch together the image into one high resolution minimum 20 meg .jpg file.
3. **Google Map (or other) Fly-through of your area:** Fly throughs of your area built up from sequenced images or continuous stream
4. **700 - 1,000 Word Report:** Hand in digitally for uploading to web site. Template with outline to be provided.