

Project Two: Parts D + E

Regenerative Design Interventions

Connecting Theory and Practice



“Design is not making beauty, beauty emerges from selection, affinities, and integration.” Louis Kahn, architect

*“If we understand that design leads to the manifestation of human intention and if what we make with our hands is to
“Good things happen when you get your priorities straight.” Scott Caan, actor*

*“We do not have a money problem in America. We have a values and priorities problem.” Marian Wright Edelman; activist
for children’s rights; president and founder of the Children’s Defense Fund*

PROJECT TWO: REGENERATIVE DESIGN INTERVENTIONS

Parts D+E: Developing and Integrating Design Priorities & Strategies

Part D (draft 1.0): Due: Week 11 - Thursday, November 17, 2011

No Grade; “draft 1.0” presentation upload to Moodle by 2:00 p.m. (for 30 minute out of class discussion with either MG or DP)

Part E Draft (draft 2.0): Due: Week 13 - Thursday, December 1, 2011

10% of grade (100 points); “draft” presentation upload to Moodle by 2:00 p.m. (for out of class presentation with both MG/DP)

Part E Final (final 3.0): Due: Week 16 – Monday, December 19, 2011

30% of grade (300 points); “final” presentation upload to Moodle by 8:00 a.m. (for presentation with client)

INTRODUCTION

For the final phase of the project your team is asked to work with the client, site, and program to develop regenerative/sustainable design interventions to support your client goals and priorities. Your design proposal will evaluate possible design interventions and strategies from the (8) “Project Categories” and related “Calculations, Metrics, and Measures” across the green district, site, and building scales.

Project Objectives

- To gain hands-on experience defining, organizing, developing and synthesizing sustainable/regenerative design concepts and strategies across a diverse range of scales and issues.
- To propose sustainable/regenerative design solutions and opportunities at the neighborhood, site and building scales.
- To investigate the integration of sustainable/regenerative design theory into practice.

RECOMMENDED PROCESS: Design interventions & Strategies

Teams are asked to use the work from Project One and the Part C “Connectivity Diagrams,” “Strategy Matrix” and “Flow Diagram” to develop a proposal for design interventions and strategies in response to your client’s regenerative design goals, site, facility, and program. Consider using the following process:

1. Theory into Practice

As a team, select 1-2 of the theoretical perspectives to inform your project development (e.g. systems theory, deep ecology, environmental justice, biomimicry, bioregionalism, ecofeminism, etc.). Consider how the theoretical perspective might be translated across the “Project Categories,” “Scales,” or “Calculations, Metrics, and Soft Measures”? Use your chosen theory to inform and deepen the development of your project.

2. Refine your Project Priorities and Discuss with Client

Based on your Project One feedback and efforts from Part C teams are asked to refine your project priorities as illustrated in your select (3) Connectivity Diagrams. Meet with your client to discuss your project priorities and work from Part C. Based on your conversation, update and revise your (3) Connectivity Diagrams to reflect your agreed upon project priorities. Revisit the site (and building) to deepen your related analyses.

3. Evaluate and Update the “Indicators, Calculations, Metrics and Soft Measures”

Evaluate and update your related “Indicators, Metrics, and Soft Measures” for each of the (3) Connectivity Diagrams. Develop new or revised analyses and calculations that are needed to inform development of your project interventions and strategies.

4. Use the (3) Connectivity Diagrams to Develop Regenerative Design Interventions and Strategies

Use the (3) Connectivity Diagrams to develop a design proposal for sustainable/regenerative interventions across the related scales, topics, and indicators/metrics/measures for each of the (3) Connectivity Diagrams. Develop (1) either “Flow Diagram” or (1) “Strategy Matrix” to illustrate each of the (3) Connectivity Diagrams. Draw from your Project One research as appropriate. Use your chosen “theoretical perspective” to inform your project.

5. Develop a Project Two PDF Presentation to Illustrate the Proposed Regenerative Design Interventions

Use the general layout from the previous “graphic template” to develop a Project Two PDF-presentation to illustrate your team’s proposed design interventions and strategies. See “Project Submission” as a guideline.

PROJECT SUBMISSION: Recommended Checklist

Due Week 11, Thursday, November 17; upload “draft 1.0” to Moodle by 2:00 (out-of-class discussion with MG or DP)

Due Week 13, Thursday, December 1; upload “draft 2.0” to Moodle by 2:00 (out-of-class presentation with MG and DP)

Due Week 16, Monday, December 19; upload “final 3.0” to Moodle by 8:00 (client presentation)

At a minimum, please include the following materials in your presentation. You are encouraged to have as complete a project as possible for the Week 13 presentation:

1. PDF Presentation: Develop a *Slide PDF Presentation* using photos, plans/sections, diagrams, graphics, and text of your choice to convey your related design strategies and findings:
 - Title Page: Project title, client, location, and team members (photos or diagrams as appropriate).
 - Introduction: A brief contextual overview of the project site, facility, and program.
 - Priorities: A brief overview of the project priorities (parts within the whole; integration, theoretical view, etc.).
 - (3) Connectivity Diagrams Illustrated: Use texts, graphics, or diagrams to illustrate the related design interventions and strategies for each “Connectivity Diagram”. Include related “Project Categories” and outcomes from “Calculations, Metrics, and Soft Measures” across scales. Include at least (1) “Strategy Matrix” or (1) “Flow Diagram” to illustrate each of the (3) Connectivity Diagrams.
 - Conclusion: Summary of design recommendations and integration across “Project Categories” and “Scales”.
 - Bibliography: All quotes, photos, and drawings from other sources should be referenced (i.e. source: author, book or journal, publisher, date, page).
 - Appendix: Include any supporting materials, calculations, or information you want to provide to your client.
2. (2) 11”x17” Color Hardcopies: Print (2) 11”x17” hardcopies of your presentation (for pin-up/grading).
3. (1) CD with Project One and Two: Please burn a CD of the two projects for your client.

Grading Criteria Project Two *The project will be graded and weighted accordingly:*

Parts D: draft 2.0 (10% of total grade; 100 points); due Thursday, December 1

Part E: final 3.0 (30% of total grade; 300 points); due Monday, December 19

1. Presentation Content (70% of grade)
 - Clarity and accuracy of project research, strategies, and conclusions
 - Overall quality and thoroughness of project proposal
 - Supporting research, citations, and bibliography
2. Craft of presentation and graphics (30% of grade)
 - Clarity and thoroughness of graphic presentation
 - Overall quality of presentation