be sacred and honor the earth that gives us life, then the things we make must not only rise from the ground but return to it, soil to soil, water to water, so everything that is received from the earth can be freely given back without causing harm to any living system. This is ecology. This is good design.”
- William McDonough; Sermon, Cathedral of St. John the Divine, New York, New York, 1993

PROJECT TWO: REGENERATIVE DESIGN INTERVENTIONS

Parts C (draft diagrams): Due: Week 9 - Thursday, November 3, 2011
For in-class discussion; pin-up hardecopy drafts of your in-process “Part C Diagrams” by 2:20 p.m.
No Grade: to be further developed in Parts D+E

INTRODUCTION: Regenerative Design Solution Sets
Team Regenerative Solutions for an Organization, It’s Facility and It’s Community
Project One asked you to explore the complexity, connections, and regenerative thinking of sustainable design by assessing an organization, its facility, and context. The information you develop for Project One will be used as the foundation Project Two in which your team will be proposing sustainable/regenerative design interventions for the organization, its facility, and its ecological context to meet your client’s ecological goals and vision and your qualitative and quantitative design and performance goals.

Project Summary
Develop a regenerative solution for your client’s organization based on the project goals and vision (Purpose+Essence) defined with your client in Project One. Your design proposal will evaluate possible design strategies from the (8) Project Categories and across scales (bio-region, green district, site, and building).

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 for an organization.
- To investigate the integration of sustainable/regenerative design theory into practice.
PART C: Exploring Connections, Relationships, and Strategies

Due Week 9, Thursday, November 3
Please bring hardcopies of your in-process “Part C Diagrams” to class
Pin up by 2:20 p.m. (for in-class discussion only)

Teams are asked to further refine your “connectivity diagrams” and to create a new “strategy matrix” and “flow diagram” to explore possible design interventions in response to your client’s regenerative design goals, site, and program. The connectivity diagrams, strategy matrix, and flow diagram should be considered design tools and living documents that both inform your interventions and will be informed by the interventions. The diagrams will evolve over the coming weeks as you develop Parts D+E. Your work can be done in any media: freehand sketches, trace paper, sketches over print outs of PowerPoint files, etc.

1. Debrief on Project One
   Meet as a team to debrief on Project One, update your 8 Project Categories as appropriate, including adding additional indicators as needed to ‘flesh-out’ your project. Clarify your highest 3-4 project priorities.

2. Develop 10-12 Connectivity Diagrams; Select the Top (3) Diagrams
   Next, meet with your team for a 60-minute charrette to quickly develop a minimum of (10-12) new “connectivity diagrams” with (5-7) connection points each (e.g. simple freehand sketch diagrams). All (7) categories in the upper right quadrant should be covered at least once after completing all of the 10-12 diagrams. Use this sketch process to develop and select the top (3) diagrams that best resolve your project’s Purpose + Essence. These (3) selected diagrams will be used to provide a ‘framework’ and to prioritize the development of your project design strategies and inventions across topics and scales. Please bring a hardcopy of your top (3) “Connectivity Diagrams” to class on Thursday, November 3.

3. Develop at least (1) Preliminary Strategy Matrix
   Teams are asked to create at least (1) “Strategy Matrix” to graphically illustrate possible regenerative design interventions across scales and “Project Categories”. Use precedent research to help illustrate your design priorities and strategies. Please bring a hardcopy of your “in-process strategy matrix” to class on Thursday, November 3.

4. Develop at least (1) Preliminary Flow Diagram
   Use the (3) Connectivity Diagrams and the “Strategy Matrix” to develop at least (1) “Flow Diagram” illustrating critical relationships and design strategies across your team’s priority issues and scales. Please see the following student examples. Please bring a hardcopy of your “in-process flow diagram” to class on Thursday, November 3.

Note on Future Development of Project Two:
All of your diagramming and strategy studies will be used to develop a final presentation for Project Two (adapting the graphic template from Project One).

PRESENTATION: Informal and In-process
Please bring hardcopies of your work to pin-up by 2:20 p.m. for class discussion.

GRADING CRITERIA: Project Two: Part C
No Grade: to be further developed in Parts D+E
STRATEGY MATRIX: Template Example
Excel File Template Available on MOODLE for reference. Edit colors, size etc to fit your project

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**STRATEGY MATRIX ILLUSTRATING ‘SCALE JUMPING’**

<table>
<thead>
<tr>
<th>SCALE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Examples</td>
</tr>
</tbody>
</table>

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**STRATEGY MATRIX: Student Examples**

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Project Two: Part C
FLOW DIAGRAMS:  **Student Examples**