

I PRO 322
Growing Water:
31st Street Eco-Boulevard and IIT Pavilion
Demonstration Prototype
Spring 2008

Code of Ethics

March 7, 2008

Overarching Principle: Create a catalog of sustainable methodologies that deal with living machine and eco-boulevard developments which could be implemented in an urban planning strategy throughout the city of Chicago.

1. Law

Canon: EPA guidelines concerning water quality and conservation will be followed.

Pressure: Building a living machine/eco boulevard system with enough capacity to sustain the needs of water recycling for the new IIT dorms and potential surrounding buildings

Pressure: The project must be approved by City Officials for the possibility of further implementation throughout the city.

Risk: The Living Machine/Eco Boulevard will not be profitable for the University

Measure: All team members will have sufficient familiarity with the pertinent EPA guidelines

2. Contract

Canon: An agreement will be created for fair contracts with CDOT (road building contractor), construction contractors, and private land owners

Pressure: To minimize the construction and land cost for the project

Risk: Contracted work is not done in a timely manner or to the specifications stated in the contract

Risk: Having building and preservation codes change while construction is in progress.

Measure: Contract will attempt to observe the most current market values for all products and services.

3. Professional Codes

Canon: Commitment to employing sustainable technologies and ideals throughout the project

Pressure: Adhere to self-sustaining water treatment methods

Risk: Reverting to established water conservation technologies because of monetary issues

Risk: Due to the fact that the technology is not widely applied, the safety of the working environment could be brought to question.

Measure: Increase awareness of self regulatory professional responsibility.

4. Industry Standards

Canon: Certified professionals will be employed to execute the project in adherence to LEED standards

Pressure: Minimize costs while upholding high sustainability standards

Pressure: Achieve at least a Silver LEED certification

Risk: Cut costs by employing non-professional “green-collar” personnel

Measure: Determine that sustainable practices are economically equivalent or better than conventional non-sustainable practices.

5. Community

Canon: The University and Bronzeville community will be involved into the development and use of the project

Pressure: Make sustainable techniques a norm for the city

Pressure: Achieve the support and understanding of the community

Risk: The Community might not see the Eco Boulevard/Living Machine as a worthy investment

Measure: Hold meetings to educate the community and University about the project.

6. Personal Relations

Canon: The IPRO team will commit to fair and equal distribution of responsibilities and work load. And individual contributions will be recognized with due respect.

Pressure: Completing individual work to the best of one’s abilities and in sync with the rest of the team.

Risk: Some team members might take others responsibilities/work upon themselves

Risk: Undermining another team member’s work to make their own stand out.

Measure: Encourage all team members to be open and speak up when problems become an issue

7. Moral Values

Canon: The Team will not infringe upon any team members personal or spiritual beliefs

Pressure: No aspect of the project can breach any team member’s values

Risk: Team members may not be adequately receptive of different cultures and customs

Pressure: The project should promote and communicate its inherent moral value (environmental policies) to a broad range of people

Measure: The team as a whole will make an effort to familiarize itself with any cultural or spiritual issues that may affect performance.