Alternatives and New Approaches
to
Site and Infrastructure Technologies

Our site design approach should not be about standardized solutions but about experimentation, innovation and above all ecological applicable and straightforward design details that address the possibilities of the site.

In order to expand our knowledge of 'site scale' details and techniques that are at the heart of a project's success or failure, each of you is asked to become an 'expert' in one particular area of relevance.

The following list suggests some possible topics, but you are also encouraged to suggest additional topics of interest that are applicable to our project.

List:
- Waste Water Systems - Can be divided into sewers or grey water and can be looked at by more than one person.
- Storm Water Systems – Can be divided into various sub-areas such as urban and suburban techniques, roofs, pavements, bioretentions, etc.
- Stream Restorations – Can be divided into existing but degraded systems, channelized, culverted, etc.
- Energy supply (and reduction) technologies at the community level.
- Food production technologies at the community level.
- Climate mitigation - Can be divided into passive and active, location and orientation, use of natural or artificial medium.
- Mobility and travel systems.
- Information Technologies at the community level.
  - Others?

As you investigate and learn about each topic you should think about our site and the implication to Tama's conditions. In your final presentation and analysis you will have to show actual possibilities for adaptation for the site.
Meanwhile start investigating:
- Design principles
- Design techniques (construction)
- Cases (places) if available
- Future projection

Due Date for preliminary findings: Feb 19
Format
18X24 Poster with drawings and images explaining your findings – keep text on poster to a minimum.

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