



View northeast view of the site

DISSECTION PROCEDURES

DUE/REVIEW Wednesday, September 23, 2015

As designer we must understand that any proposal toward making a city whole has impacts that ripple far beyond the boundaries of the site itself. Prior to making design proposals we must arm ourselves with knowledge about the site, its context and ways in which we could solve for the issues at hand.

Between now and next Wednesday you will expand upon the work completed for *Brief 1*, refining, adding, enhancing and ultimately documenting the work from Brief 1 and *Brief 2* for a *presentation/review on Sept. 23*.

RESEARCH + ANALYSIS

- MULTI-MODAL TRANSPORTATION + DEMOGRAPHICS + SERVICES (WHO ARE WE CATERING TO?) FIND GAPS IN SERVICES IN ITHACA / REGION. (2 students)**
 - add/create a map depicting all transportation routes, bus stops and their frequency.
 - depict the demographics of the area and define who are we catering to with this project
 - gather an understanding of local Ithaca/nearby region services and find the gaps that could be addressed within our 95 acre site.
- SITE HISTORY + MODES OF INCORPORATING HISTORY/HISTORIC COMPONENTS ON A SITE'S DESIGN & PROGRAM**
 - create a narrative timeline of the sites history/historic components
 - depict modes/models in which history/historic components that have been incorporated in an innovative and elegant way in similar projects.
- ENERGY + WASTE**

If the proposed development model was built how much energy will the site consume + how can this be supplemented by on-site energy production roof surfaces covered in solar panels + collect city biomass etc. + waste recycling - other forms of green industries (bio-diesel) etc.
- CONTAMINATION + FLORA & FAUNA (consider utilizing sections and/or computer model prepared during Brief 1)**
 - define the types of contaminants, their location and their typical impacts to humans, flora, fauna and the environment.
 - identify typical design strategies utilized to mitigate these
 - provide us with a summary of these strategies, including phytoremediation and the potential implications of applying these to a diversity of areas around the site. Could it work here? How long would it take? Define Inputs+Outputs of these processes.
 - Research the sites flora and the types of fauna that thrive in this environment and in correlation with the existing flora.
 - Identify invasive/pioneer vs. native species
 - Identify potentially productive plant material already existing on site and/or able to grow on site. Identify their ideal growth location and condition on site.
 - With regard to fauna identify species that are desirable and undesirable and how you plan to attract desirable species.
- LEED ND + ZONING ISSUES + Ithaca Eco-village Concept + Form Base Code + Smart Growth**

Study carefully the proposed site density and mixed of uses (square feet of each + du/ac). This site will have dense multi-use but it will also have a pocket neighborhood. Consider how the aforementioned codes can aid in designing the best site possible and how that changes the proposed densities.

 - depict/diagram the proposed site densities + zoning (see consultant).
 - generate a diagram or a series of diagrams depicting strategies applicable to the site satisfying

LEED ND, meeting the best standards of Smart Growth and addressing the most outstanding concepts the Ithaca Eco-village embodies.

c. create a report that includes your summary of the aforementioned codes and strategies. Include images to depict how these have been applied in other projects.

6. CASE STUDIES

Research and generate a report that includes:

- poignant examples of other small cities that have taken the mixed use approach to a post industrial site in innovative ways.
- examples of open space as framework
- examples of Indoor/Outdoor relationships on mixed use projects (courtyard styles).

DELIVERABLES:

* make sure all sources for images/data are listed.

- 2-3 boards/panels (24 x 48 - landscape)
- An 11x17 printed and bound final document including all the revised and refined work from *Brief 1* and *Brief 2*.

Design an InDesign booklet template for the class to edit. The booklet shall include:

- cover (related image, project title, location and client name)
- back cover
- table of contents with page numbers to include:
- team members names shall be listed either on the table of contents, or the first page of each booklet, or both.
- compile all final products in this booklet (Define a clear organization, ensure the legibility of all drawings, legends etc. This document must read well as a printed document and a projected file).
- The production of the final version of this booklet, meaning all contents and their organization are to be determined by the individual teams and coordinated amongst team leaders. These team leaders shall be elected by the individual teams /make sure these are people who can work well with other team leaders.
- all drawings must include: bar scale, north arrow, legend etc.

3. A pdf. of the InDesign booklet (flattened small file of high quality) to project and present during the **REVIEW Wednesday, Sept. 23**.

4. A thorough and well organized verbal presentation of the work/ research findings and the analysis completed during *Brief 1* and *Brief 2* (All team members should participate). The presentation may include an introductory fly over of the site utilizing the 3d model constructed for the project.