The development of the Urban Park is necessary to provide downtown and the emerging graduate campus with a means for interaction, and will act as a refuge within the urban core. It as well acts as the primary interface between the building and site, the occupants and passers-by, and will accommodate a range of functions, and a measure of poetic beauty within the design.

It is encouraged that variable materials be used to codify the differing sub-systems and conceptual strategies which combine to form the urban park experience.

Non-performative aspects to be considered when choosing envelope systems include the social and conceptual goals of the project, and physical or phenomenal connections to the natural and urban environment. The phenomenal relationship of the proposed downtown campus to the existing campus should also be considered.

Sustainable Issues will be considered integral to all aspects of the urban park design. As they relate to the urban park, these issues include, but are not limited to the following: heat gain / heat island effect, insulating values and the impact on the environmental system’s performance, material development process and travel distance required to attain material (affect on environment), maintenance of the urban park (water usage), and potential environmental hazards or opportunities for recycling materials once the life of the building has expired.

Objectives & Requirements

Research urban park precedents, and landscaping methods relevant to the local conditions.

Determine the sub-systems which compose the full range of use in the urban parks researched, and examine the affects of these on the urban park and building. Make choices on the landscaping methods and foliage to be used in your design.

Identify and Present your research and precedents as they pertain to your proposed urban park sub-systems and landscaping.

Develop isometric diagrams depicting the implementation of functional and poetic sub-systems within your urban park, as well as a composite diagram.

Research, Precedents, and Diagrams should be organized clearly and submitted your standard layouts. All diagrams should read clearly and must be labeled in a relevant and precise fashion.

NAAB Student Performance Criteria

A.2. Design Thinking Skills: Ability to raise clear and precise questions, use abstract ideas to interpret information, consider diverse points of view, reach well-reasoned conclusions, and test alternative outcomes against relevant criteria and standards.

A.5. Investigative Skills: Ability to gather, assess, record, apply, and comparatively evaluate relevant information within architectural coursework and design processes.

A.8. Ordering Systems Skills: Understanding of the fundamentals of both natural and formal ordering systems and the capacity of each to inform two- and three-dimensional design.

A.9. Historical Traditions and Global Culture: Understanding of parallel and divergent canons and traditions of architecture, landscape and urban design including examples of indigenous, vernacular, local, regional, national settings from the Eastern, Western, Northern, and Southern hemispheres in terms of their climatic, ecological, technological, socioeconomic, public health, and cultural factors.

B.3. Sustainability: Ability to design projects that optimize, conserve, or reuse natural and built resources, provide healthful environments for occupants/users, and reduce the environmental impacts of building construction and operations on future generations through means such as carbon-neutral design, bioclimatic design, and energy efficiency.

B.4. Site Design: Ability to respond to site characteristics such as soil, topography, vegetation, and watershed in the development of a project design.
Submission
Preliminary Submission: posted 8:30am Monday October 18th for review.

Final Submission: posted 2:00pm Wednesday October 19th for review. Computer files should be submitted to the Archlab folder in pdf format and named as follows: 2010 Fa - Arch 5901 - XXXX - a2.02 - Urban Park - 001. Where multiple files are submitted, number them sequentially.

Evaluation
Work will be evaluated for quality & depth of research, accuracy & effectiveness of diagrams, and graphical quality of printed & pdf submissions.

Readings

Suggestions
Refer to the program and studio brief sections on the urban park in order to fulfill all required aspects of the design.

Research various plazas and parks of differing scales to supplement the more focused urban park precedents.

Research xeriscaping methods in relation to the landscaping design within the urban park.

Maintain drawing / model files so they may be quickly manipulated in future phases of the project. All drawings should be thought of as fluid entities which could be reused with new color combinations, or in new print or digital formats at any point in time.

Maintain standards for how you model and diagram the various issues/elements in order to put forth documentation which has a cohesive, easily readable, and expandable nature.

Diagrams are meant to be simple, concise depictions of content. Don’t go overboard with graphical representation of the idea if it gets in the way of explaining content. See the diagramming examples provided in the Archlab folder for examples.