

Project: RE_sortBODYmind

http://arch.ttu.edu/wiki/RE_sortBODYmind

STUDIO STATEMENT

This Studio has the intent to produce a comprehensive architectural project for the design of a resort for the 21st century that critically examines the relationship between the relaxing atmosphere of a hotel/ spa environment and the benefits of a body and mind well being. The proposal should in this sense take a holistic point of view that emphasizes sustainable design decisions with a direct effect on the performance of the building and its spaces.

The challenge could be described with the following question: Does the design enhance the efficiency of the operations undertaken in the building and facilitates beneficial effects on body and mind?

SITE

The design and site relationship for the project should foster a dialogue in terms of place and nature and challenge the current state of resort design and construction. It should have a myriad of benefits for attracting visitors. The design of a resort requires more than any other project, a relaxing atmosphere enhanced by the excessive distribution of natural air and sunlight coupled with indoor and outdoor recreation.

PROGRAM REQUIREMENTS

The designs need to accomplish the minimum space requirements as outlined in the program description but are asked to creatively enhance that list with a for the specific project typical characteristic, such as being related to particular known treatments (*Ayurvedic, hot stones* etc). The size should not exceed 30,000 square feet.

In addition, buildings of this type are used more than just during the day. Twenty-four hour use cycle that offer more than one purpose might challenge the program through varied activities in morning, afternoon and evening.

The program data is a speculative space allocation based on precedents.

The data should be seen as a beginning to understanding fundamental spaces used in a resort-hotel-spa.

Together with your studio master, the program may be elaborated, modified, combined based on the concepts of the design.

CODE INFORMATION

Refer to the International Building Code and the site Zoning Ordinance for information on parking requirements, height restrictions, set-backs, easements, flood, egress, and fire containment.

CONSTRUCTION TYPE

The design should consider the type of building, a resort, and the immediate material effects on the atmosphere. It is therefore necessary to conceive solutions preferably in concrete, masonry and timber construction whenever possible.

A strategy should be considered that evaluates a method for taking advantage of these specific material properties and characteristics in order to conceptualize and propose a critical evaluation of the life cycle of a resort.

This project will allow you to explore many varied functional and aesthetic uses for concrete, masonry and timber as an ideal building material because it offers a high material palette and tactile qualities.

The projects need to explore building types with two floors as part of the design. The structural challenge is to include not only small spaces but at least one long span volume to differentiate the structural types and explore the material potentials.

READINGS LIST

The American Institute of Architects, Rush, Richard D., Ed; *THE BUILDINGS SYSTEMS INTEGRATION HANDBOOK*. New York: John Wiley and Sons, 1986

Birkstead, Jan, Ed; *RELATING ARCHITECTURE TO LANDSCAPE*. New York: Routledge, 1999

Clark, Roger H.; Pause, Michael; *PRECEDENTS IN ARCHITECTURE, Analytical Diagrams, Formative Ideas, and Partis, 3rd Edition*; Hoboken, New Jersey: John Wiley and Sons, 2005

Glass, Jacqueline; *ENCYCLOPEDIA OF ARCHITECTURAL TECHNOLOGY*. Chichester, West Sussex, UK: Wiley/Academy, John Wiley and Sons, 2002

Guisse, David; *DESIGN AND TECHNOLOGY IN ARCHITECTURE*. New York: John Wiley and Sons, 1985

Hendricks, Julie; Malarkey, Brian; *THE KIRKSEY GUIDE TO A GREEN FACILITY*. Houston: Kirksey Architecture, 2006

Kieran, Stephen; Timberlake, James; *REFABRICATING ARCHITECTURE*. New York: McGraw-Hill, 2004

Killory, Christine; Davids, Rene; *DETAILS IN CONTEMPORARY ARCHITECTURE*. New York: As Built, Princeton Architectural Press, 2007

Moore, Fuller; *CONCEPTS AND PRACTICE OF ARCHITECTURAL DAYLIGHTING*. New York: Van Nostrand Reinhold, 1991

Moorhead, Stephen, Ed; *LANDSCAPE ARCHITECTURE*. Gloucester, Massachusetts: Rockport Publishers, Inc., 1997

Fernandez, John, *MATERIAL ARCHITECTURE: emergent materials for innovative and ecological construction*, Architectural Press 2006, Chapter 2: time and materials, pg.31-74;

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Assignments, readings, web-sites, digital-info

A list of assignments, links, books, articles, references, web-materials, images, lectures, comments and communications will be posted on the studio blog.

Studio website

http://arch.ttu.edu/wiki/RE_sortBODYmind

Journal

Each student must keep a personal journal updated and nurtured every day with notes, sketches, and writings.

Digital portfolio

Every student is responsible for his/her own digital portfolio on CD/DVD including the work of the entire semester. Each phase must be well organized in ordered folders and sub-folders. Constant up-dates and regular back-ups of your files is necessary.

See each Course Syllabus for descriptions, goals, methods, and requirements.