



COLLEGE OF ARCHITECTURE & PLANNING,
DEPT OF ARCHITECTURE & BUILDING SCIENCE,
KING SAUD UNIVERSITY

FALL -1435H (2014G)

Handout 01

Course Code and Number : ARC H360

Course : ARCH. DESIGN 04 (Urban des)

Cr/Cont Hours : 4/8

Ref to Instructor for references

Date: 8th Sept, 2014(G) Monday; 13 Dzul Qaadah, 1435(H) Al lthnin

TO PROPOSE A COMMERCIAL & RECREATIONAL MIXED-DEVELOPMENT PROJECT (DESIGN) ON THE KING KHALED HIGHWAY FRONTAGE OF KING SAUD UNIVERSITY DISTRICT, FOR KING SAUD UNIVERSITY, RIYADH.

Project Brief and Description

The aim of the exercise is to develop the strip of land on the western edge of the King Saud University, with a mixed-development type commercial and recreational facility to extend the community services by the university.

The Design Project

The Project will serve the university from two standpoint:

- 1. The development concept has to justify the needs of the university which is to increase its capital resources for the "waqf" project maintenance in the site vicinity.*
- 2. The architectural design concept should serve the needs of the site and its surrounding communities, both in form and functions.*

The overall design should inspire a new dynamic outlook for the design of its structures and its functional activities, both for locals as well as visitors that regularly come to the University from around the world. It is possible for the Design to take considerations for some form of traditional environment, or the heritage of the social and cultural traditions as well.

The Design Process

The design implementation requires the students to engage a process of systematic survey and analytical observation of the site. Students are also required to identify the urban characteristics of the site, as well as informations with regard to the surrounding communities, and the surrounding activities of the site.

The Design

Stage 1 (Research Information)

Before starting with the design process, students are advised to adopt a systematic method of Data and Information gathering. Students are required to work in groups/teams (3-4 students) for this stage of the Site Research process. Students are expected to visit the site to gather physical and perceived 'on-site' information, as well as photographic data. Site maps and similar information may also be acquired from the Office for University Development.

At the end of this stage, students are required to present their research work as a Group effort. Presentations should be made in 'hard copy' format.



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Stage 2 (Data Analysis & Main Concept)

This stage onwards is Individual effort. All students are required to study the Site Data from the previous Stage 1 and analyze the informations to find solutions for new concept for new design ideas. A 'physical' study model is very much appreciated at this stage.

Every student is expected to search for 'case examples' of similar projects from local or international locations. Every student is required to prepare their analysis of the site, based upon studio discussions and from issues arising from the case studies, and develop their responses accordingly. A Conceptual Design Idea should be presented at the end of this stage, individually, and in 'hard copy' format .

Stage 3 (Design Development)

This is the Concept Development stage to finalize the physical outlook of the site and structures. Students are required to discuss every stage of the development of the design concept before it can be finalized. This includes producing drawings for Site Layout details, Sectional Drawings, Elevational drawings, Sketch ideas, Photo-montage, Perspectives and other illustrations or models for the presentation of the final Project. This is preparation for the Pre-Final presentation of the Project.

Pre-Final Presentation is deemed the complete Project in full presentation, including 'hard-copy' format, physical model, and any other additional formats.

Presentation Requirements (according to requirements at the various stage)

Location Plan	1:1000
Site Plan	1:200
Site Sections	1:500
Building Plans	1:200
Building Sections	1:200
Perspectives, 3D views	
Study Model	
Site Analysis (Group Work)	



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The location of the site area as shown in "GoogleEarth Map":

