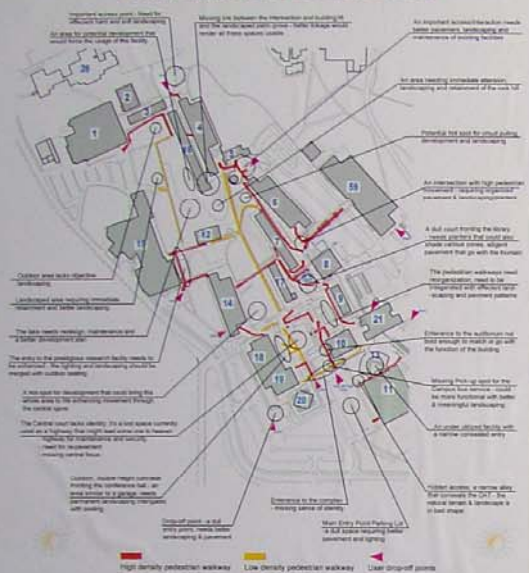


SPATIAL ANALYSIS AND MOVEMENT PATTERN



The out door space and pedestrian movement pattern analysis of the KFUPM academic complex displays a heavy built pattern of connections. Various out door areas seem to be missing, less and could be developed to be used as valued spaces. An overall improvement in the urban environment is required for better quality.

High density pedestrian walkway (intensely used pathways)
 Low density pedestrian walkway (lightly used pathways)
 User drop-off points

ART WORK AND SCULPTURE

THE ACADEMIC COMPLEX LACKS ART WORK AND SCULPTURES THAT CREATE INTERESTING SPOTS. TWO CATEGORIES OF SCULPTURES CAN BE PLACED AT KEY LOCATIONS WITHIN THE COMPLEX. ART WORK OF GENERAL NATURE MADE OF STONE, CAST IRON, STEEL, ETC. CAN BE PLACED AT KEY LOCATIONS WHILE SCULPTURES RELATED TO ACADEMICS COULD BE ALLOCATED POSITIONING ALONG THE MOVEMENTS PATHS TO BEK VISUAL PLACEMENT OF ART WORK RELATED TO THE SUBJECT THE BUILDING IS RELATED TO SHOULD PROBABLY INTRODUCE THE BUILDING BEFORE THE ENTRANCE THAT ENHANCE THE VISUAL EXPERIENCE.

OUTDOOR SEATING INTEGRATED WITH THE LANDSCAPE

Integration of light weight seating with the landscape.

OUTDOOR LIGHTING CONCEPT

Outdoor lighting concept with light and shadow play. The use of light and shadow play to create a dynamic atmosphere. The use of light and shadow play to create a dynamic atmosphere. The use of light and shadow play to create a dynamic atmosphere.

CONCEPT:
 The presentation in form of a collage addresses urban design issues and concerns that are overall from the analysis. Proposal for the enhancement of the overall KFUPM academic complex outdoors is presented with the basic design concepts described below

- Reclaim the lost spaces
- Identify & develop various hot-spots that would allow better movement, interaction & usage of the outdoors
- Enhance the appearance of the built environment such that an ambience of learning, sharing knowledge and valued university experience for the KFUPM community is created

TOP VIEW OF THE PROPOSED CAFETERIA

THE BUILDING IS DESIGNED SUCH THAT NONE OF THE EXISTING PALM TREES ARE UPROOTED OR NEED REDUCTION

SKETCH SHOWING THE PROPOSED FINISHING OF THE PATIO AND BLOTTING TERRAIN AROUND THE PATIO. A NATURAL STONE CAN BE USED AS A RETAINING ELEMENT WHICH WILL BE WELL BLEND WITH THE SURROUNDING. STONE COULD BE USED AS FINISHES FOR THE ARTIFICIAL LAKE FRONTING IT. WITH THE SAME FINISH PROPOSED AND THEN FINISHED WITH NATURAL STONE IN A WILD SLOPE

THE VACANT ROCKY AREA NEXT TO BUILDING 14 CAN BE PLANTED WITH PALM TREES AND OTHER PLANTATION. COULD BE USED AS AN OUTDOOR DISPLAY OF TRADITIONAL SCIENCE (TINEL, POTTERY AND OTHER LANDSCAPING FEATURES)

AN ABANDONED ROCKY TERRAIN NEXT TO BUILDING 14. THIS AREA IS IN NEED OF A PURPOSE & THEME

IMAGES OF THE PROPOSED DEVELOPMENT WITH AN OPEN COURTYARD CONCEPT SURROUNDED BY A WOODEN PERGOLA & SEATING SPREAD IN THE PALM GROVE

CONCEPTUAL SKETCH OF THE PROPOSED DEVELOPMENT

THE FACILITY OF GENERAL IDEA FORMING BUILDING IS TO BE ENHANCED WITH THE INTEGRATION OF FORM ELEMENTS, ARCHITECTURAL QUALITY OF FORMING AND CONSTRUCTION QUALITY THAT ENHANCE AND IMPROVE THE GREEN SPANNING AREA

IMAGES OF THE PROPOSED DESIGN CONCEPT THAT ALLOW THE FACILITY TO BE SLIGHTLY MORE DELICATE AND DETAILED

REVENUE FACILITY OF THE AREA FRONTING BUILDING 20 WHICH IS TO BE LINKED TO A FIRE STATION & IS WALKING TO BE IMPROVED BY A PERGOLA

SECTION THROUGH THE CENTRAL COURTYARD BUILDING 14

PAVILION TREES ARE INTEGRATED IN A MANNER THAT THEY BECOME DESIGN ELEMENTS

SITE PLAN OF THE LANDSCAPED AREA FRONTING BUILDING 16 TOWARD THE LAKE

SKETCH OF THE PROPOSED CONNECTION BETWEEN THE UPPER LEVELS CONNECTING ACADEMIC BUILDINGS TO THE PARK

A 3D VIEW OF THE ENCLOSED CAFETERIA INTEGRATED WITH THE LANDSCAPED AREA. A SEMI PRIVATE TERRACE ENCLOSED BY A FORMAL OUTDOOR SEATING AREA

SITE PLAN OF THE AREA FRONTING THE LIBRARY

BRIDGE OF A WATER BODY IN A TYPICAL PERSIAN GARDEN. THE BRIDGE IS WITH A LANDSCAPED AREA WHICH WOULD ALSO SERVE THE WALKWAY & THE FOUNTAIN AREA

VIEW OF THE SEATING AREAS BESIDES THE WATER WALKWAYS

PLAN OF THE SEATING AREAS CARRIED OUT FROM THE EXISTING UNDER WALKWAYS

VIEW OF THE SEATING AREAS BESIDES THE WATER WALKWAYS

PLAN OF THE SEATING AREAS CARRIED OUT FROM THE EXISTING UNDER WALKWAYS

EXISTING PICTURE OF THE G.A.T. ENTRANCE ALLEY

SITE PLAN OF THE G.A.T.

SITE PLAN OF THE G.A.T.

SECTION OF THE ENTRY POINT FOOT BRIDGE WHICH COULD BE ENHANCED BY INTRODUCING WOODEN ELEMENTS TO ENHANCE THE QUALITY OF THE ENVIRONMENT. A GARDEN WAY THAT LEADS TO THE KFUPM ACADEMIC COMPLEX

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URBAN DESIGN PROPOSAL FOR K.F.U.P.M. ACADEMIC BUILDING COMPLEX

31 5 2007

Presented by: Sabeer Hamid, Lecturer ARE Department, All, Bu-All Junior Student ARE Department

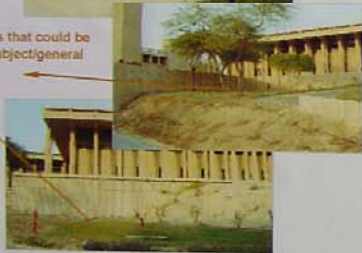
The KFUPM academic complex displays a loosely knit pattern could be developed to be used as valued spaces. An overall value.

LACKS ART WORK AND SCULPTURES THAT CREATE INTERESTING SCULPTURES CAN BE PLACED AT KEY LOCATIONS WITHIN THE GENERAL NATURE MADE OF STONE, CAST IRON, STEEL ETC. CAN TIONS WHILE SCULPTURES RELATED TO ACADEMICS COULD BE LONG THE MOVEMENTS BATHS TO BUILDINGS. PLACEMENT OF THE SUBJECT THE BUILDING IS RELATED TO WOULD PHYSICALLY BEFORE ONE ENTERS THE ENCLOSURE.

of nature art work that landscaping



Various locations that could be ideal spots for subject/general nature art work



to be complex

INTEGRATING INTEGRATED WITH THE LANDSCAPE

of light weight landscape



the spot lights around all the to dimly lighten up the & be a prominent feature



▲ CONCEPTUAL SKETCH OF THE PROPOSED DEVELOPMENT



14

◀ ▲ IMAGES OF THE PROPOSED DEVELOPMENT WITH AN OPEN COURTYARD CONCEPT SURROUNDED BY A WOODEN PARGOLA & SEATING SPREAD IN THE PALM GROVE



SITE PLAN FRONTING

Planters and seating fronting building 18 to replicate & balance the amount of green on the other side of the central court



◀ The facade building 20, the integra better detail and landsc and balance this area

◀ ▲ IMAGES OF THE PROPOSED DESIGN CONCEPT THAT ALLOWS THE FACADE TO BE SLIGHTLY MORE DELICATE AND DETAILED



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◀ EXISTING FACADE OF THE AREA FRONTING BUILDING 20 WHICH IS LOOKS SIMILAR TO A FIRE STATION & IS MAINLY USED FOR PARKING AT PRESENT

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CAN BE USED
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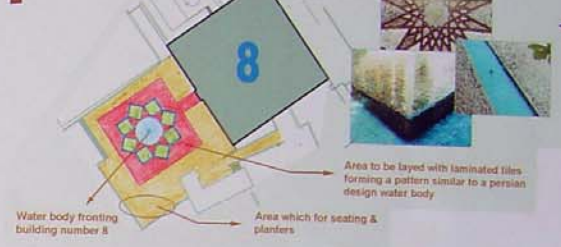


THE BUILDING IS DESIGNED SUCH THAT NONE OF THE EXISTING PALM TREES ARE UPROOTED OR NEED RELOCATION



A 3D VIEW OF THE PROPOSED CAFETERIA INTEGRATED WITH THE LANDSCAPED AREA - A SEMI OPEN SPACE ENCLOSED BY A WOODEN PERGOLA DEFINES A FORMAL OUTDOOR SEATING AREA

SITE PLAN OF THE AREA FRONTING THE LIBRARY



Water body fronting building number 8

Area which for seating & planters

Area to be laid with laminated tiles forming a pattern similar to a persian design water body

VIEW OF THE SEATING AREAS BESIDES THE WIDER WALKWAYS



PLAN OF THE SEATING AREAS CARVED OUT FROM THE EXISTING WIDER WALKWAYS

LIGHT CAN HEAD

The landscape walkway can be that we differ to enclose



ROCKY AREA NEXT TO BUILDING 14 PLANTED WITH PALM TREES AND OTHER PLANTS - COULD BE USED AS AN OUTDOOR OF TRADITIONAL SCIENCE ITEMS, AND OTHER LANDSCAPING FEATURES



SITE PLAN OF THE PROPOSED DEVELOPMENT

Proposed development that would house few shops, cafe, and ATM machines. Integrated with few seating arrangement, this development would prove as an attraction for students and force movement with-in & around this enclosure

DESIGN OF THE PROPOSED DEVELOPMENT FOR AN OPEN COURTYARD CONCEPT SURROUNDED BY A WOODEN PERGOLA SEATING SPREAD IN THE PALM GROVE



SITE PLAN OF THE CENTRAL COURT FRONTING BUILDING 10/20

The central area of the court & the area that could be used for vehicular movement to be distinguished with flooring pattern and texture of tiles

Planters and seating fronting building 18 to replicate & balance the amount of green on the other side of the central court

Octagonal raised central feature which could house the KFUPM logo done in 3D with black/white marble & embedded with lights that allow the feature to be viewed from the whole complex - or could house a 3D model of the KFUPM academic complex done in marble

SITE PLAN OF THE KFUPM ACADEMIC BUILDING COMPLEX

Stone retaining wall to be built on the lower portion of the hill

Entry into this area needs to be broadened, the edge curved up so that the facility is bold & visible

More seating rows to be provided - Projection system to be installed - Lower central portion landscaped

Pergola over the auditorium entrance and a flooring pattern emphasizes the entrance

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EXISTING PICTURE OF THE D

Area going directly from the main entry point to building 21

SITE PLAN

