

01
Description

YOUMEHESHE have been approached by an international charitable foundation to develop outline proposals for an educational campus on the border of Pakistan and Afghanistan. The brief is to create a secure campus with the ability to provide education from pre-school level through to university grade. Phasing has to accommodate campus growth from 5,000 - 20,000 students.

The overall project objective has wider socio-political implications, given the instability of this global region.

//The campus is designed to be flexible, allowing it to adapt and evolve to meet future educational demands.//

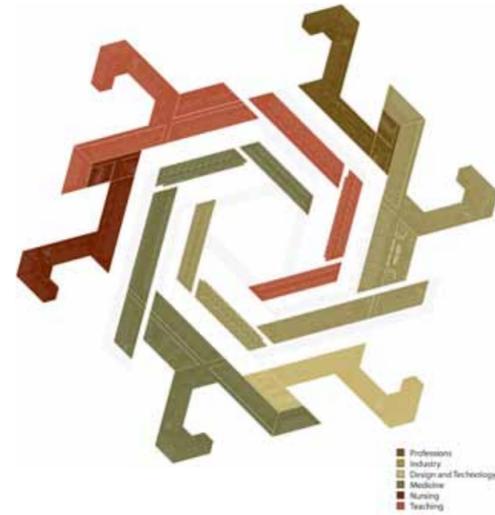
02
Phasing & growth

Incremental and strategic growth has been considered as the genesis for the design of the campus. A module based on a parallel structural grid and hexagonal geometry forms the core organisational component to the proposed facility. It is envisaged that the module can be replicated and distributed in a tessellating pattern in order to provide space as and when it is required, phased to meet growing demand for the facility.

Each module is attenuated at the perimeter, with hook like arms extending from the primary hexagonal plan. These are designed to interlock with adjacent modules in the future, creating seamless relationships in the built form and therefore enabling consistency in the planning of space, use and infrastructure.

Each module is divided into three arm elements, these spiral in plan from the outer edge to the inner garden or Wadi. The spiralling arms create primary streets along which the various education programmes are distributed. Relatively thin blocks, enabling natural, passive ventilation while providing a limit to the built form with main circulation external to the overall building volume.

03
Faculties

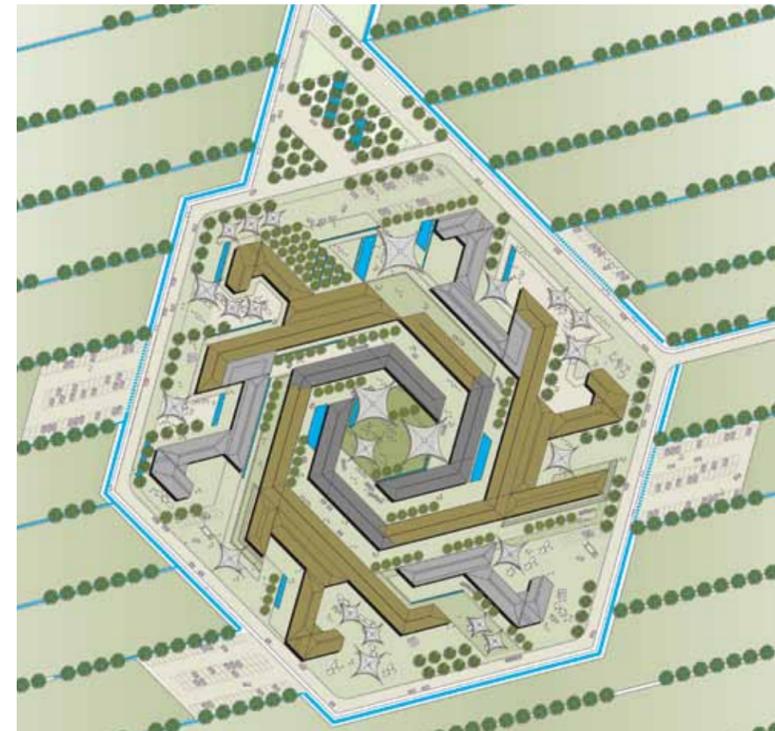
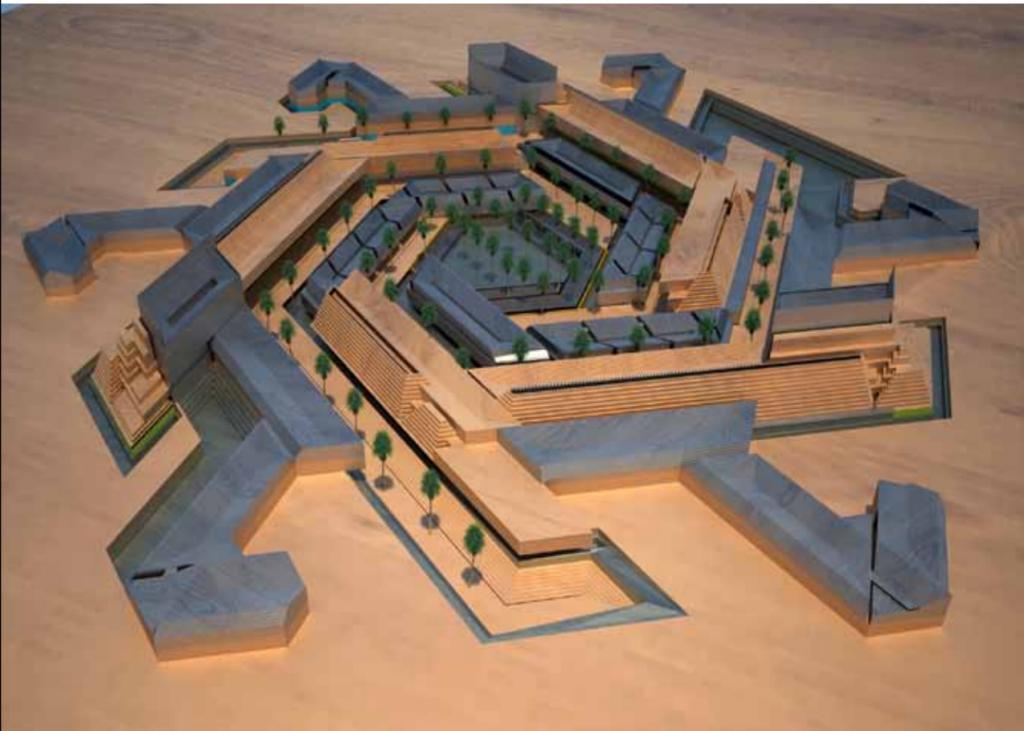
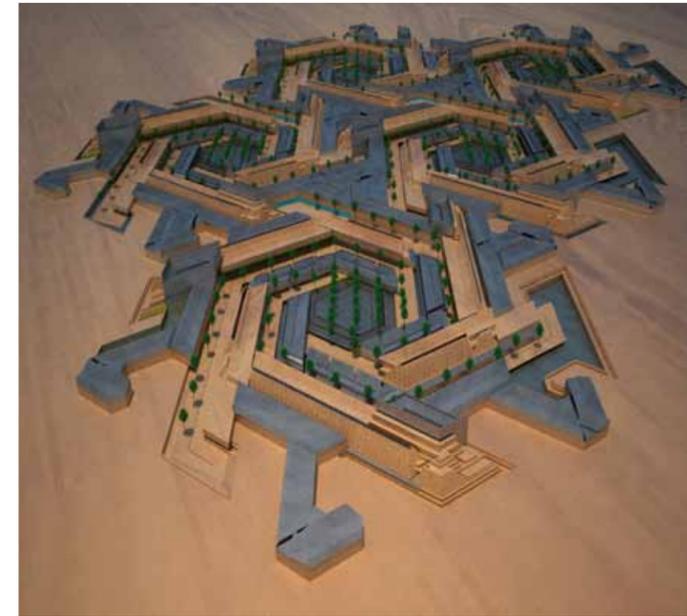


04
Medina

Scale is a critical factor in the design of the campus buildings and circulation. A potential population of thirty thousand students and the incremental growth to this stage bring certain complexities that need to be designed into the proposal.

At one level the campus seeks to be an emblematic and formal institution for learning, at another a human-scaled school. One that has the potential of inclusivity for a broad age range from early school to higher education.

It is the street design that enables this diversity, and at its route is the scale of the street and its familiarity to all the potential students.



- Illustrations
- 1/ Phase 1 campus masterplan
 - 2/ Phase 1 campus plan (5,000 students)
 - 3/ Completed campus to Phase 5 (20,000 students)
 - 4/ Typical section through campus streetscape
 - 5/ Detail of sun screen
 - 6/ Detail of sun screen
 - 7/ Typical classroom and campus circulation route