

VIEWS OF THE MODEL

COMPOSITE TEXTILE INDUSTRY

The design coincides the most purposeful running of the industrial work chain providing a simulating environment for the workers. Hierarchy of pedestrian circulation is focused. A two way circulation process dominates the entire project - Human circulation and Circulation of products.

The design incorporates a suitable structural form which can accommodate heavy fixtures yet flexible in use. Design for daylighting is also of important consideration.

Category: Academic, BArch

Design Studio IX, Individual project

Program: 10 ton textile industry with Knitting, Dyeing, and Readymade garments

Location: Dhaka, Bangladesh

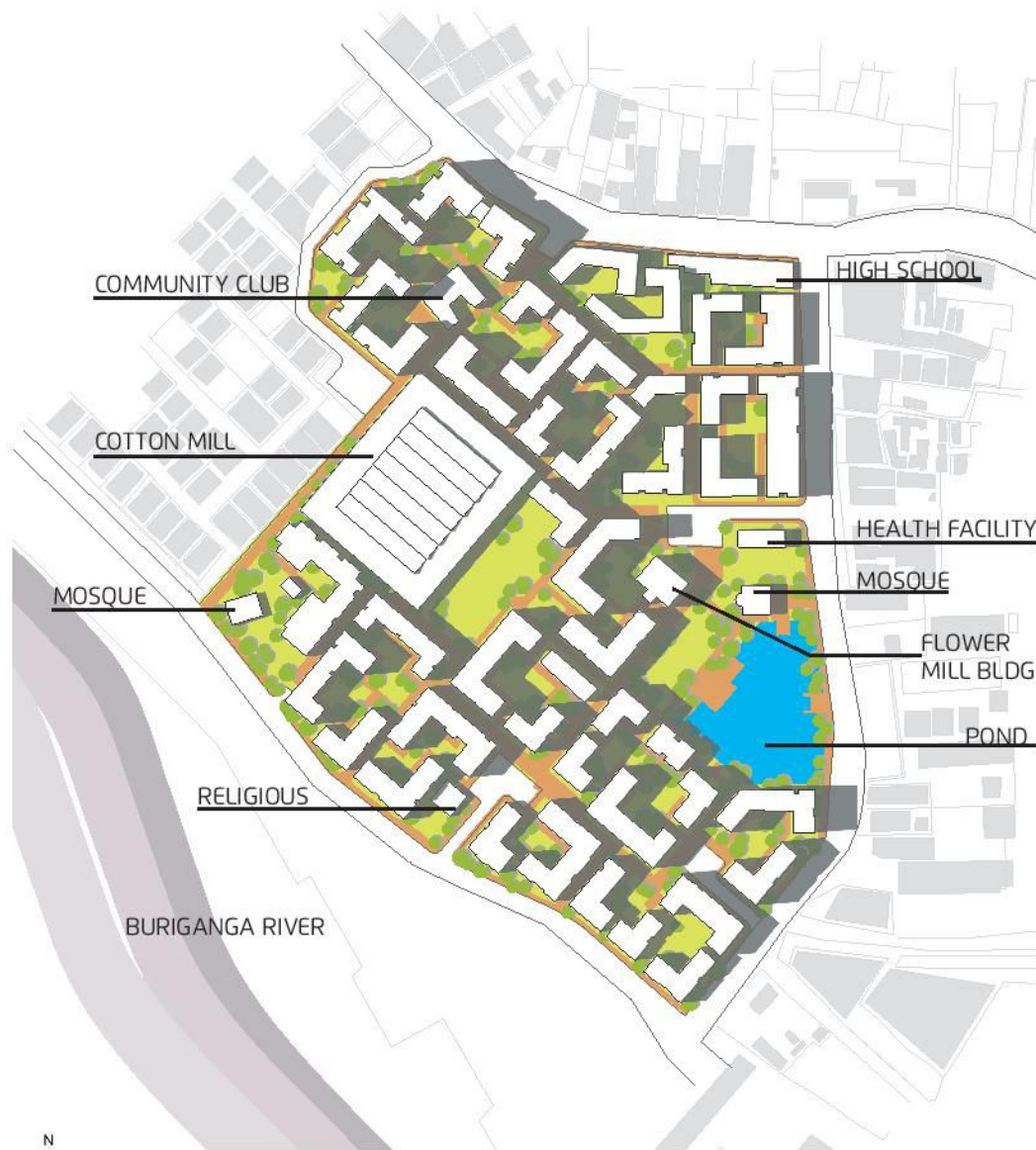
Land area: 16, 730 sq m

Tasks: All design phases from formulation of architectural program to preparation of preliminary working drawings

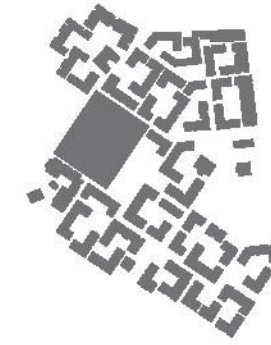
Year: 2007

ACCOMODATING LOW, LOWER-MIDDLE & MIDDLE INCOME GROUP IN OLD DHAKA

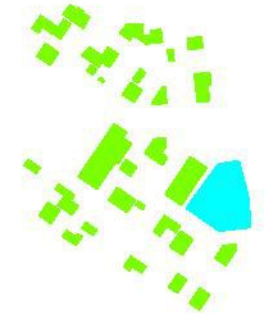
Housing project



THE UNBUILT



THE BUILT



OPEN SPACES

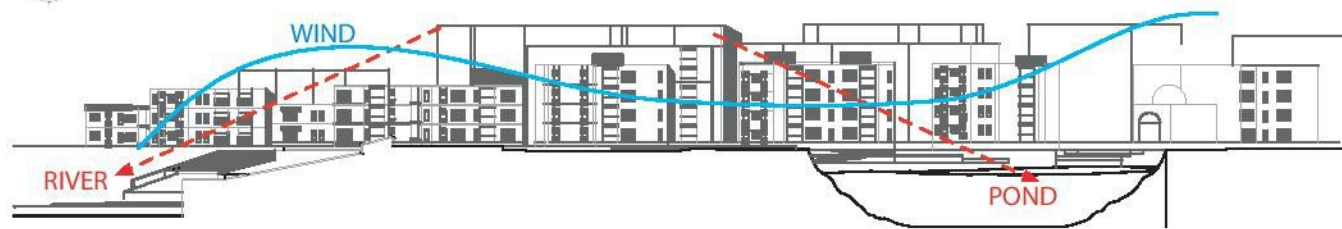


ACCESS SYSTEM

vehicular- cul de sac
pedestrian- branching

HOUSE TYPE DISTRIBUTION

middle income middle & lower middle income
lower middle & low income low income bachelor unit



EAST ELEVATION



- 40% of the **COTTON MILL** is turned to a community space with multipurpose hall, art school, and night school. 60% is functioning as a mill.



- Adjacent river bank is designed as **RECREATIONAL SPACE**.



- **COTTON MILL HIGH SCHOOL** is redesigned.



- 5 story **FLOWER MILL OFFICE** is turned to middle income apartments.
- 3 story **FLOWER MILL OFFICE** is conserved with current programs.



- A single story residence is turned to **COMMUNITY CLUB**.



Old Dhaka has historical and cultural values. The human settlement pattern of Old Dhaka is still unique and contains an organic character.

This project encompasses: Revitalization of heritage, Rethinking of solution of the older part with new interventions, Clusters with green open courtyard, Variation in building heights for south air and natural light.

Phase 1: Research on structural conditions of existing buildings and livelihood of the residents.

Phase 2 : Concepts

- mixture of various economic groups for a healthy society and community interactions
- hierarchy of open spaces in size and form

Final phase of design:

Middle income-289 units

Lower middle income category- 124 units

Lower income category- 319 units

Bachelor units- 319

Total units - 953

Total population-5718

Category: Academic, BArch

Design Studio VIII, Group of 3

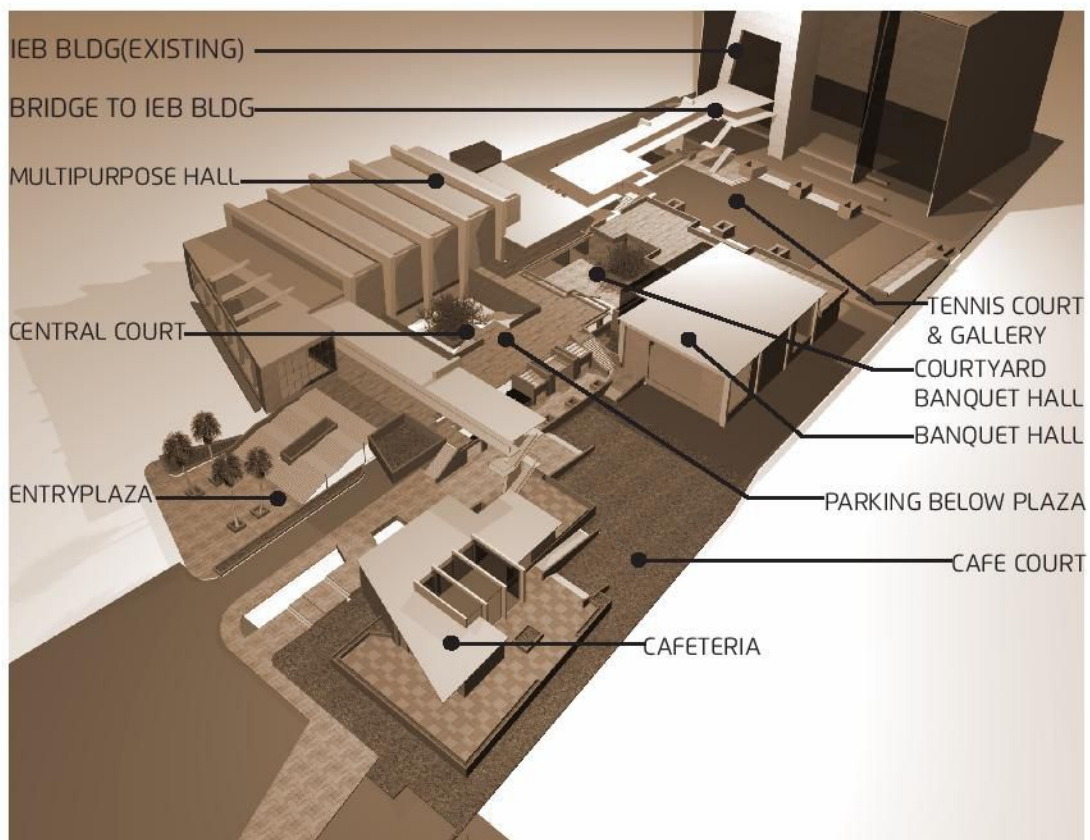
Program: Revitalization of an industrial site to a residential community

Location: Dhaka, Bangladesh

Land area: 3, 5370 sq m

Tasks: Concept, design development, drawings, and physical models

Year: 2007



AXONOMETRIC VIEW OF THE COMPLEX



VIEW OF MODELS



REVITALIZATION OF IEB COMPLEX

Competition for a landmark cultural hub

The project will act as a landmark of Ramna area in Dhaka. The IEB complex is situated between two reverse type of city scape; a highly commercial zone and a green open space and institutions with healthy cultural practice. This project is designed with a coherent character with the surrounding urban tissues- both natural and manmade.

The outdoor space is created for academic lectures, cultural shows, youth club activities, outdoor

meeting spaces, snack corner, etc. In the master plan, focus is placed on human circulation & activities. Green is invited to all levels of the complex in order to harmonize the building with the relaxed character of its surroundings. Good accessibility with physical and visual linkages has made the design integrated to the urban fabrics. Each program has adjacent courtyards and each space has multidimensional use.

Category: Academic, BArch
Design Studio VIII, Group of 3

Program: Design of a cultural center in harmony with an existing 8 story IEB office building

Land area: 15,000 sq m

Location: Dhaka, Bangladesh

Client: Institute of Engineers' Bangladesh (IEB)

Tasks: Concept, design development, 3D illustrations, and physical models

Year: 2006