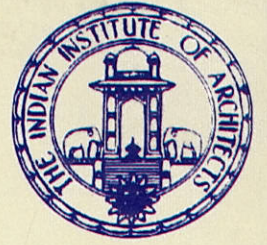


JOURNAL



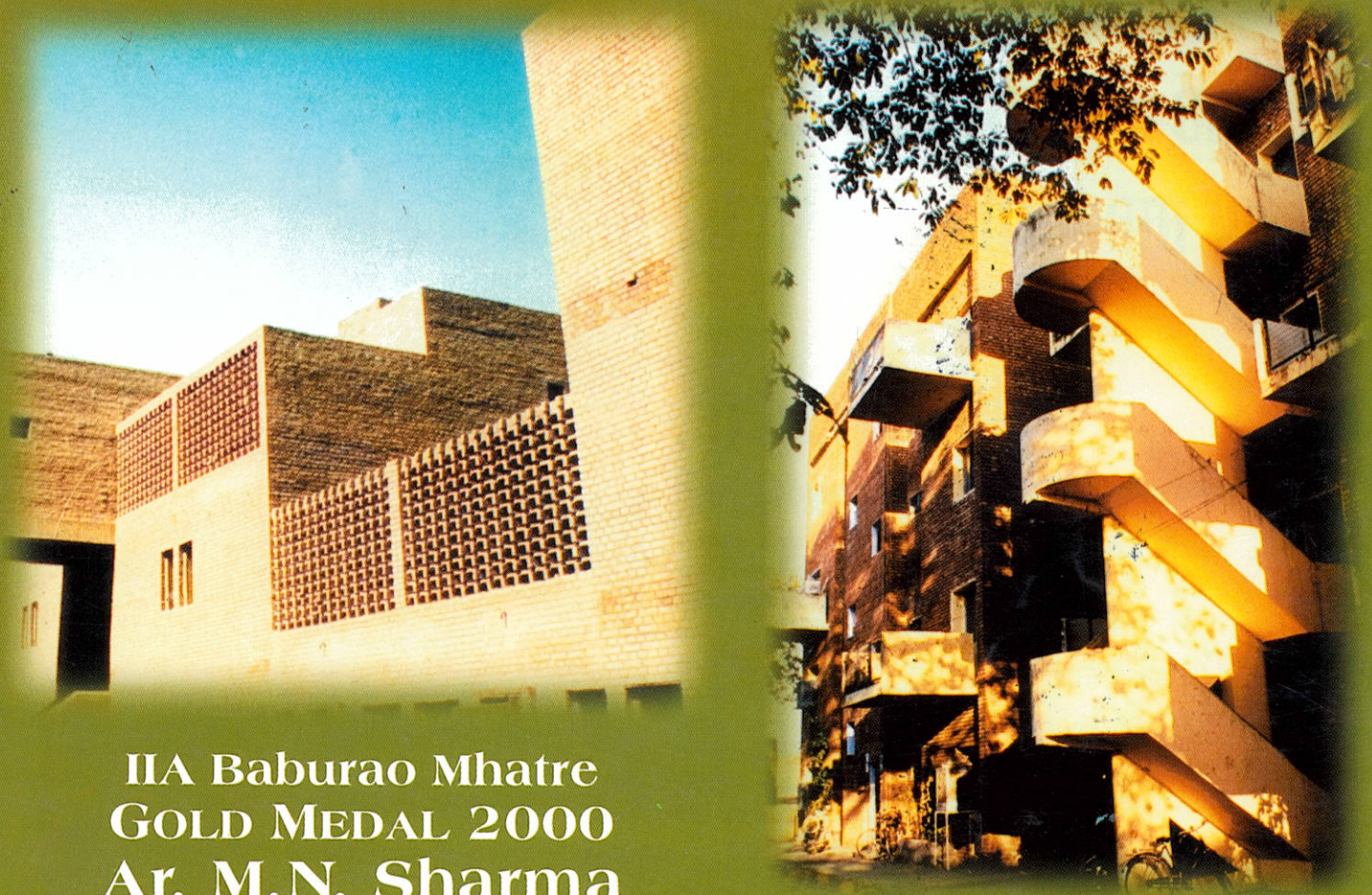
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IIA Baburao Mhatre
GOLD MEDAL 2000
Ar. M.N. Sharma



Bal Shikshan Mandir Campus Kothrud, Pune.

AR. HEMANT S. MAHAJAN

JURY REPORT

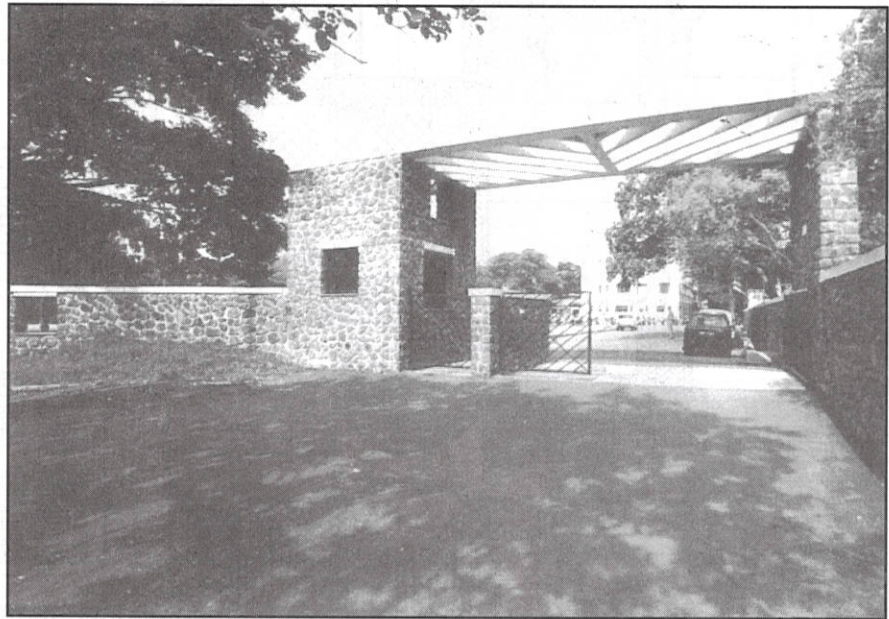
The designed scheme shows a clarity in plans wherein the requirements have been modulated around the courtyards. There is also an effort which shows a respect to the users, the students to whom the scale is related. The architect has also managed to achieve a response in the use of materials, finishes, textures and colours.

INTRODUCTION :

The school campus is of 3.36 acres, located in the fastest newly developed residential area amidst Pune city. A rectangular plot with 18m wide road along the eastern side of the campus, the site does not boast of sizeable contours & is a plane table land. The site has Murum & Shadu type of soil.

DESIGN REQUIREMENTS :

The school wanted the classroom of



Entry to Campus

only 40 students each with only 2 classrooms per division. Thus the school can give attention to the students and control over the quality of education along with recreational facility.

FACILITIES :

Facilities like stainless steel water tank for drinking water, water pond/sand pit, landscaped areas, partially covered pergolas, paved and pathways food playground etc. had to provided.

MAIN SCHOOL BUILDING :

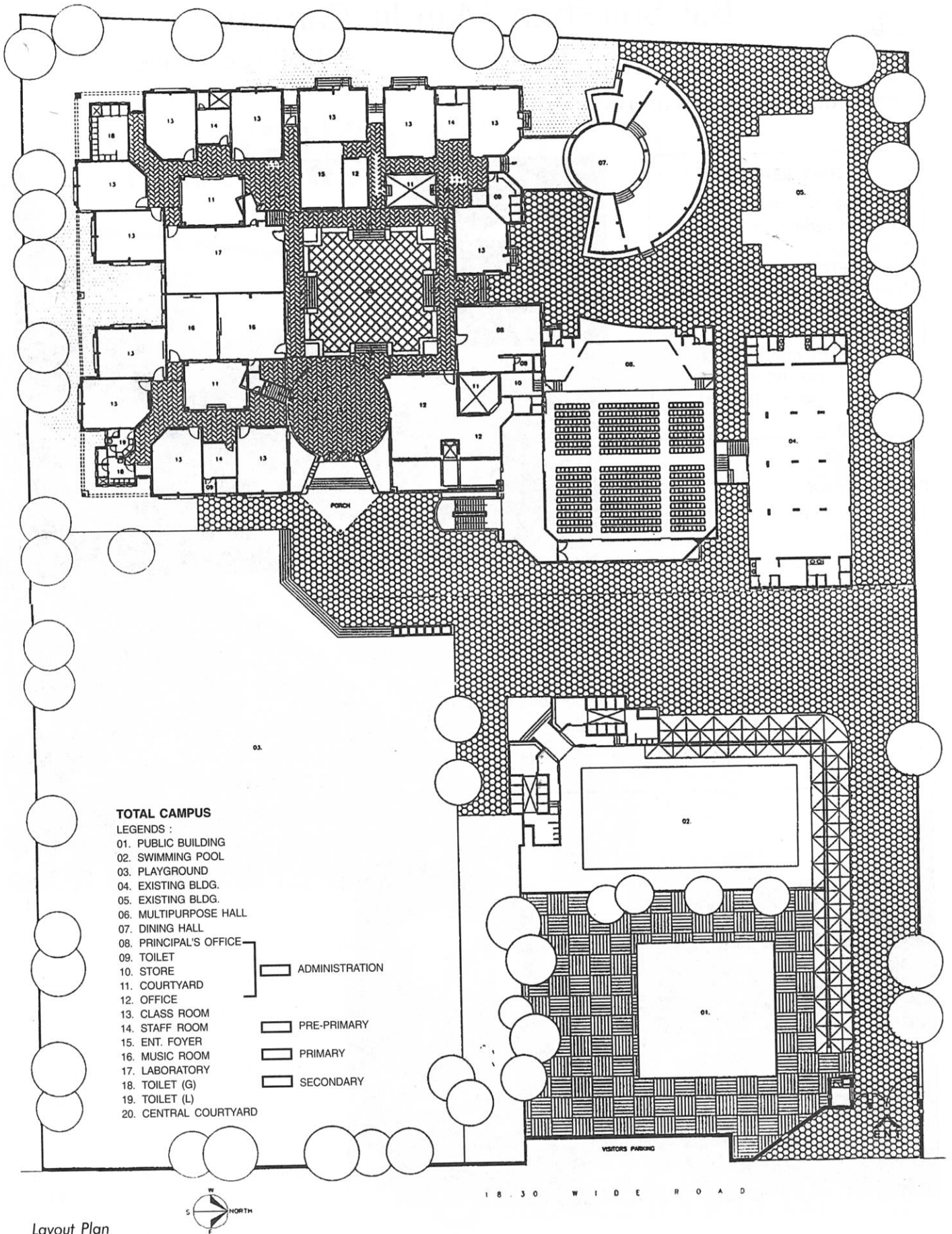
The main school building is designed around a hierarchy of open spaces as courtyards which are conceived as an extension to the teaching activity.

The three wings are self sufficient and are interlocked with these courts bringing in natural light, wind along with meeting spaces for everyone.

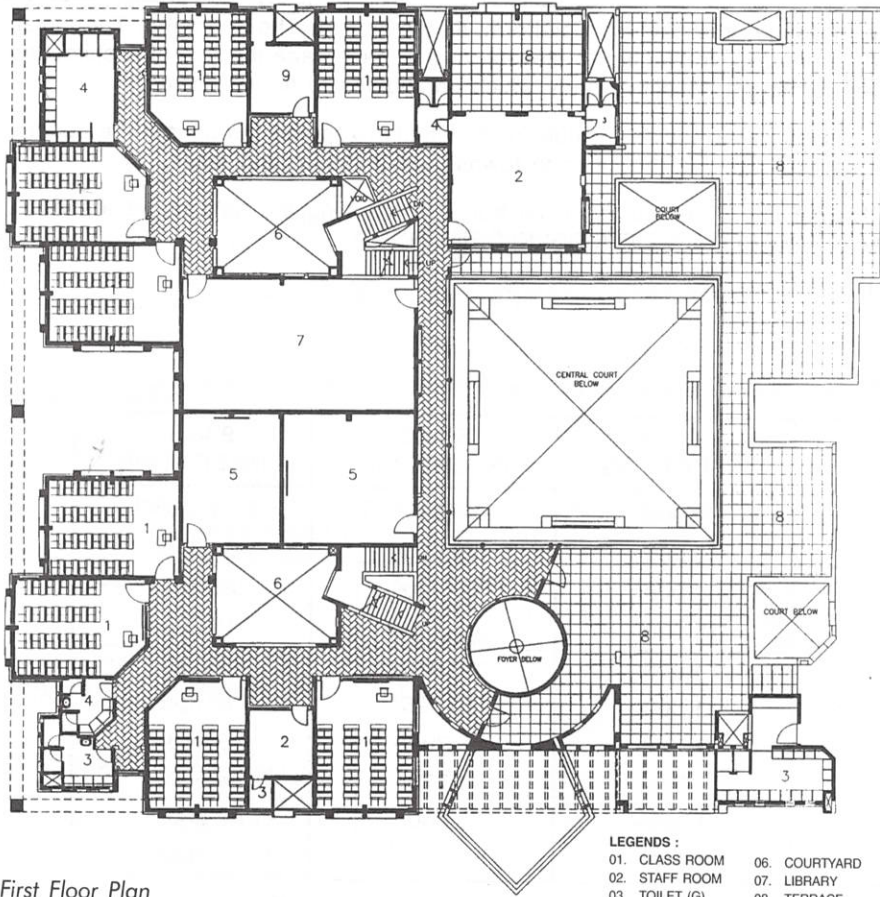
All the three wings with the courtyards converge in to the main center court to form the gathering space for all. These courtyards allow visual communication and continuity to other areas. The building facade depicts the modern elements brought out of



Hierarchy of Courts

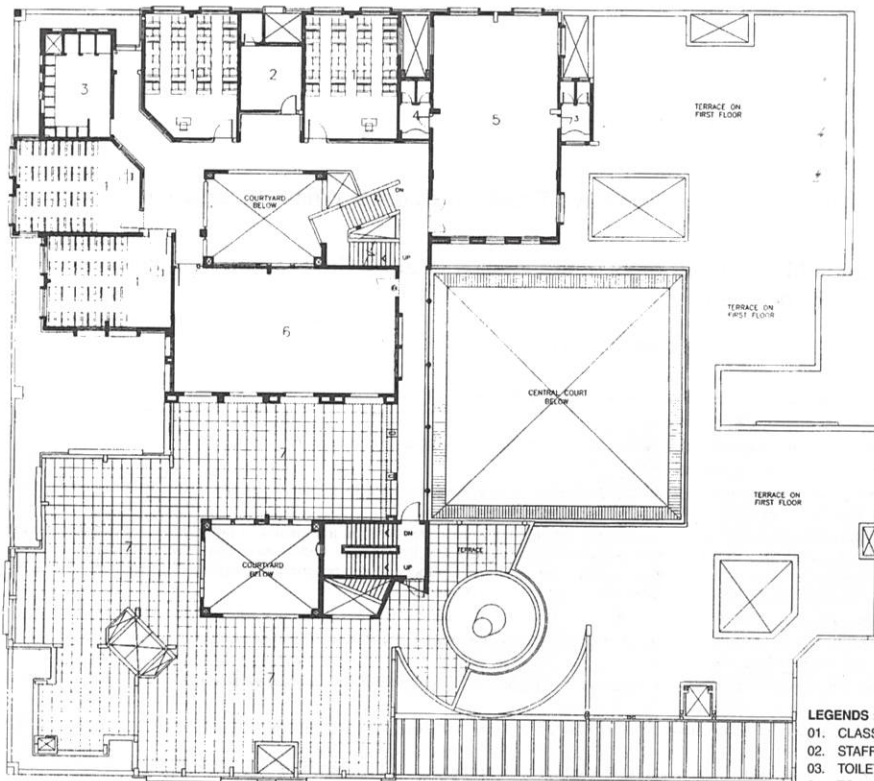
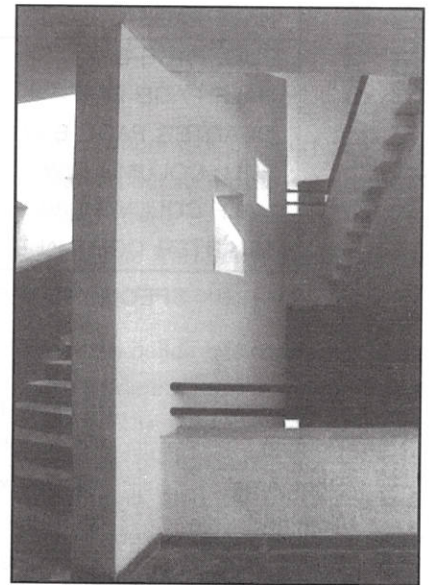
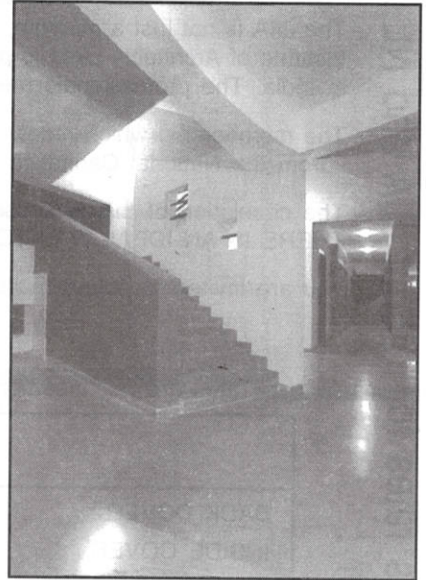


Layout Plan



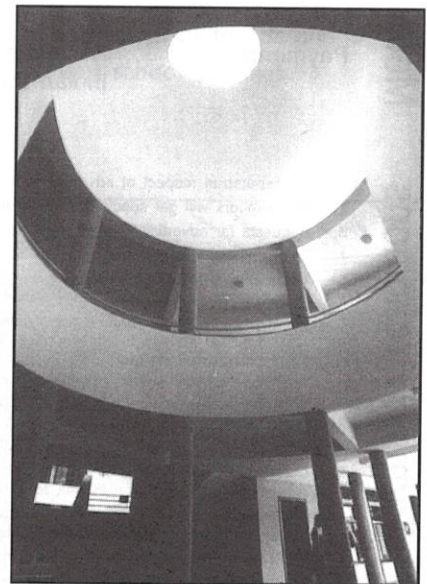
First Floor Plan

- LEGENDS :
- 01. CLASS ROOM
 - 02. STAFF ROOM
 - 03. TOILET (G)
 - 04. TOILET (L)
 - 05. CRAFT ROOM
 - 06. COURTYARD
 - 07. LIBRARY
 - 08. TERRACE
 - 09. STORE ROOM

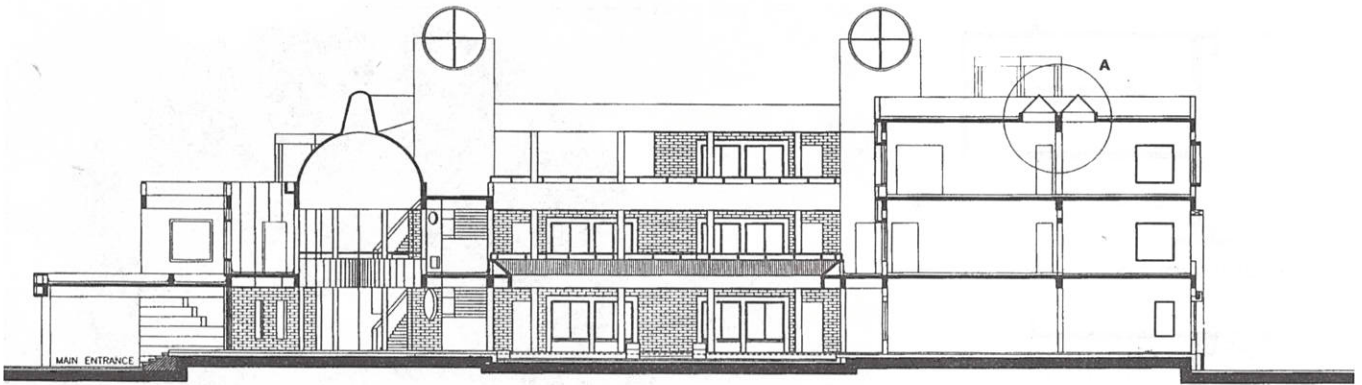


Second Floor Plan

- LEGENDS :
- 01. CLASS ROOM
 - 02. STAFF ROOM
 - 03. TOILET (G)
 - 04. TOILET (L)
 - 05. LIBRARY
 - 06. BIOLOGY LAB.
 - 07. TERRACE



Use of Natural Light - Foyer



Section BB

**PHASE WISE DEVELOPMENT OF BAL SHIKSHAN MANDIR
FOR MAHARASHTRA EDUCATION SOCIETY**

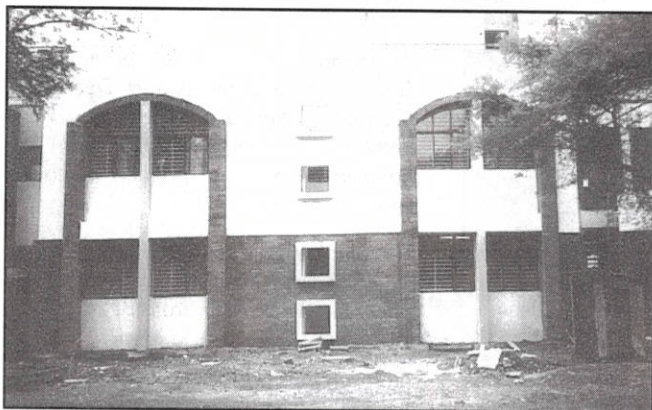
| BUILDING | | BUILDING AREA IN SQ.M. | STATUS | PHASE WISE TOTAL COST IN (LAKHS) |
|-------------------------------|---|--|----------------------------------|----------------------------------|
| PHASE I | Preprimary | 441.45 Sq.M. (Ground Floor) | Building complete | 40.50 |
| ANCILLARY DEVELOPMENTS | Compound wall drainage line sump well, roads, entrance gate, security cabin | | 90% Development is complete | 20.00 |
| PHASE II | Primary School | 1226.76 Sq.M. (G+1 structure) | Work upto plinth level | 112.00 |
| PHASE III | Secondary School administrative block | 1719.33 Sq.M. 215.15 Sq.M. | To start To start | 150.00 18.50 |
| PHASE IV | Multipurpose Halls No. 1 No. 2 No. 3 | 762.10 Sq.M. 209.10 Sq.M. 413.57 Sq.M. | To start To start To start | 60.00 16.00 32.00 |
| | Swimming Pool | 12 M x 25 M | | 50.00 |
| | | | TOTAL AMT. | 499.00 |

traditional elements of exposed brick with arches in proportion to the main framework, breaking the monotony of the straight lines.

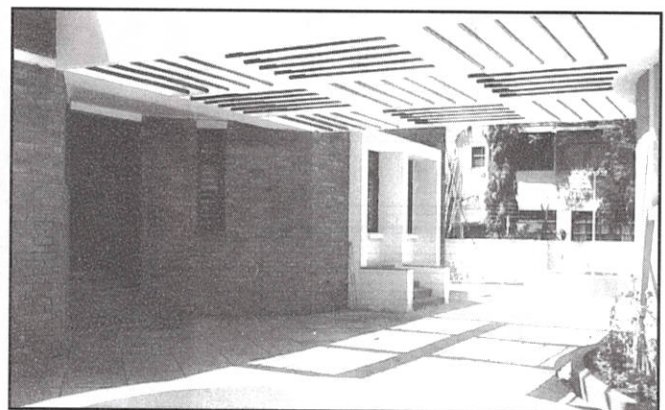
The arrangement of internal spaces is worked out such as to get necessary shaded areas by means of pergola giving the required depth to the building at various points.

The main building is connected to the existing dining and a multipurpose hall to the right binds the two buildings giving space for parking underneath. It is set up at the rear side of the campus making way for the playground and swimming pool, thus enabling the required foreground to appreciate the facade and facilitate various school activities.

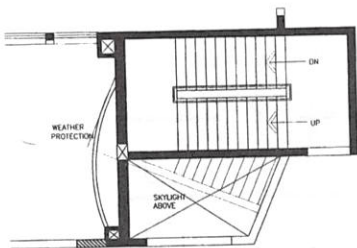
31



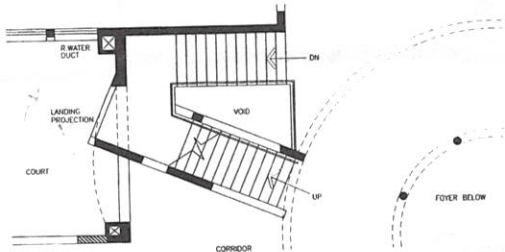
Exterior



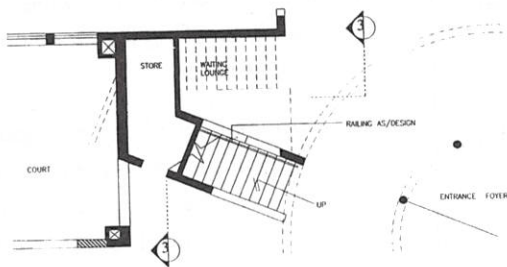
Pre-Primary School - Outdoor Space Pergola



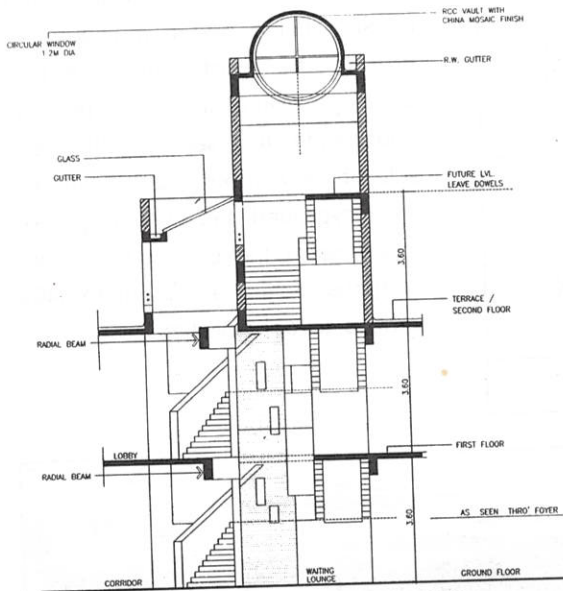
Plan at Terrace Floor



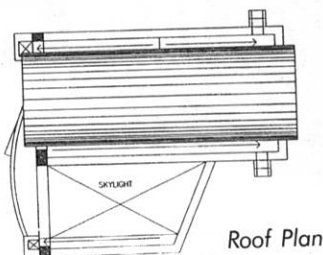
Plan at First Floor



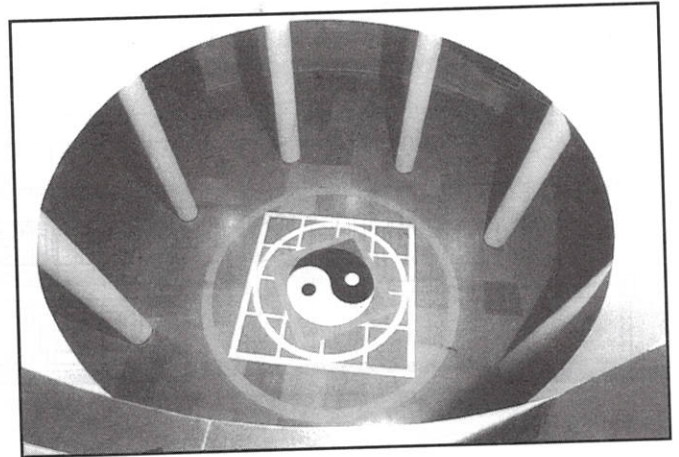
Plan at Ground Floor



Section 3-3



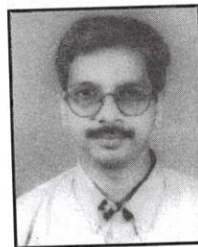
Roof Plan



Entrance Foyer

PROJECT INFORMATION

- Name of the Project : Proposed Preprimary, Primary & Secondary School of Bal Shikshan Mandir at Mayur Colony, Kothrud, Pune, Maharashtra.
- Name of the Client : Maharashtra Education Society
- Consultant
- Structural : Mr. C.E. Godse & Mr. S.G. Shrotri
- Electrical : Group Ø & Abhiyanta
- Landscape : Ar. Vikas Bhosekar
- Interior : Group Ø
- Plumbing : Group Ø
- Photography : Mr. Shirish Ghate
Mr. Shrikant Jogdeo
Mr. Hemant S. Mahajan
- Plot Size : 13612 Sq.m.
- Built-up Area : 1670 Sq.m.
- Cost of Construction : Rs. 193 Lacs
- Commencement : 01-03-99
- Completion : 01-03-00
- Prime Contractor : M/s. Omkar Constructions
Mr. Shrikant Sewak
Mr. Sanjay Patwardhan



Ar. Hemant Mahajan, 37, partner M/s. Group Ø Architects and Designers (Consulting Firm) and M/s. Group Delta Enterprise (Interior Turnkey Division) has handled a variety of projects in his 13 years of practice.

He completed his post graduate studies in C.O.E.P. Pune (Town & Country Planning) after passing B. Arch. from B.K.P.S. Pune.

Many of his articles on architecture have been published in various magazines including the JIIA.

