

## assignment 3:

To study the features of a North Kolkata House, steeped in heritage and yet hidden from popular heritage sites and to remodel it functionally with minimum modifications to the structure.

The chosen house at Shovabazar was remodelled into a private art collector's museum for pop music and related artefacts. A modified plan and a paper model as study was presented in deliverables.



### 'MANDIR BARI'

- MORE THAN 150 YEARS OLD.
- SYMMETRICAL LONGITUDINAL PLAN, LOAD BEARING, ARCUATED
- TWO-STORIED STRUCTURE
- BRICKS USED MEASURE 255MM X 115MM X 65MM
- THEY HAVE BEEN USED WITH 12-15M THICK LIME CONCRETE MORTAR IN BETWEEN STRUCTURAL SYSTEM CONSISTS OF LOAD BEARING WALLS, AND 'KORI' & 'BORGA'. 'BORGA' MADE OF EITHER STEEL I-SECTION OR OF HARDWOOD. SPANS ACROSS SHORTER SIDE OF ROOM.



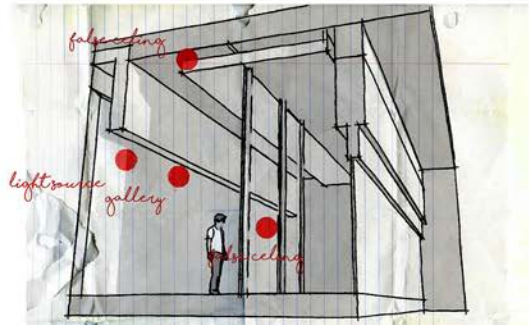
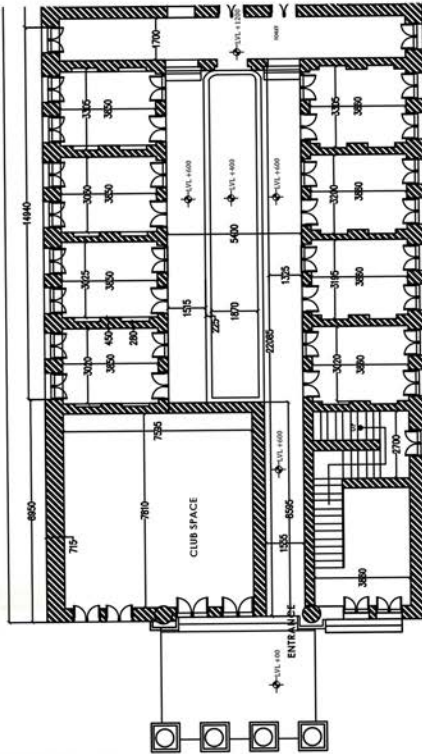
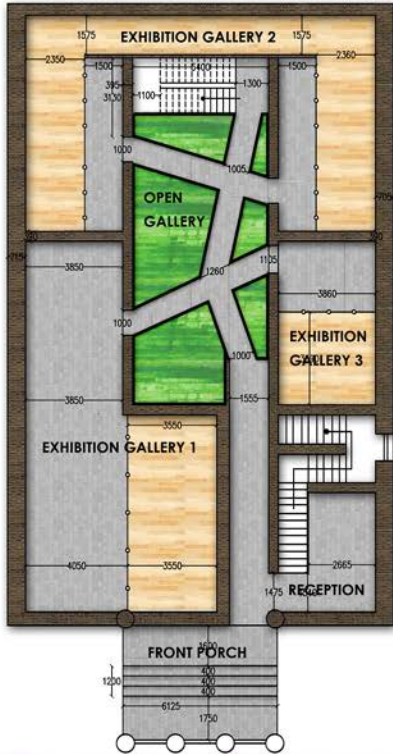
- BUILDING CONNECTED TO OTHER RESIDENCE ON THE REAR WITH NO BUILDING DISTANCE IN BETWEEN WHICH TALLIES WITH THE LOCAL BUILDING PRACTICES OF THE EARLIER DAYS NARROW 2.5-3M WIDE LANE ON ONLY ONE SIDE PRESENT WHICH MAKES THE STRUCTURE AND RESIDENTS ESSENTIALLY SUSCEPTIBLE TO GREATER DAMAGE DURING A FIRE

- ONLY ONE MAIN EXIT.

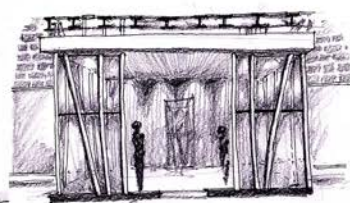
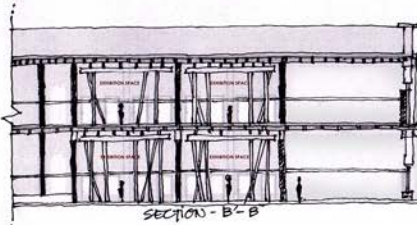
- THE OTHER EXIT ON THE REAR IS RELATIVELY NARROW AND UNUSED AT PRESENT.

- PRESENCE OF 2 INNER COURTYARDS IS A PLUS-POINT.

# REMODELLING AN EXISTING OLD STRUCTURE

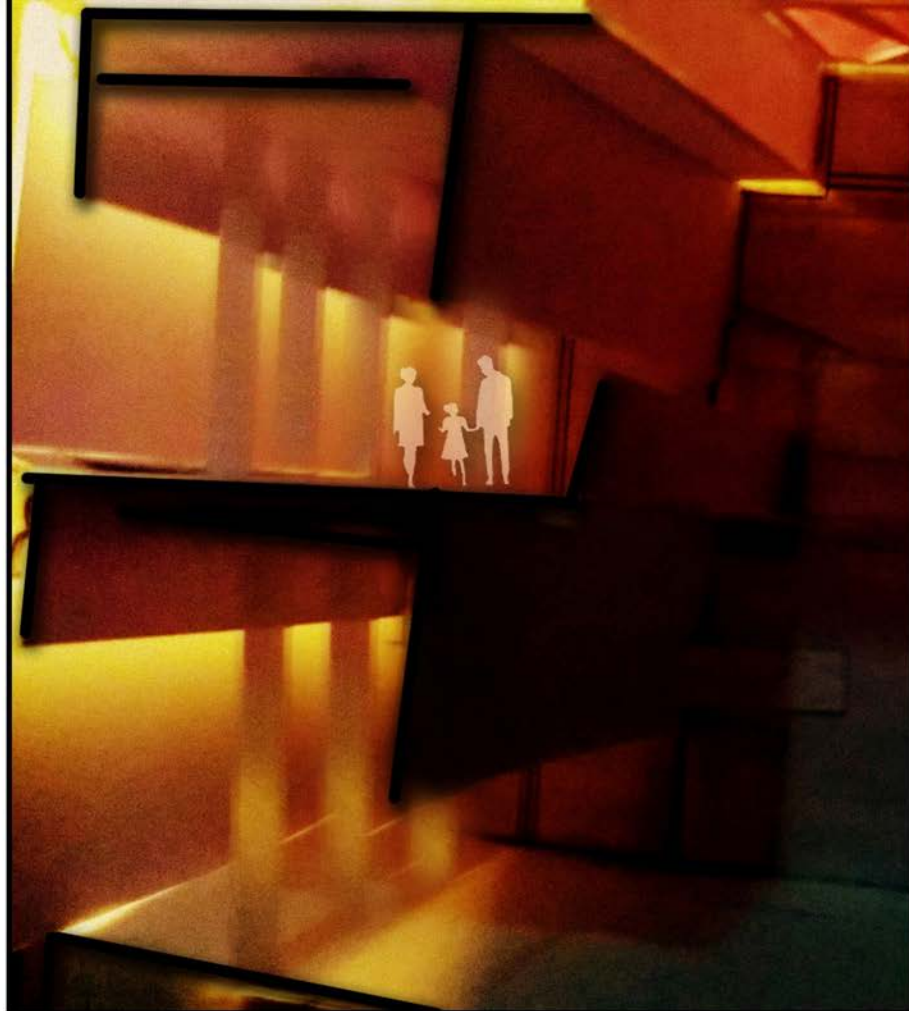


a private collector's desire to turn his personal collection into a museum  
using glass, steel, wood to create a powerful spatial experience





**SECTION THROUGH X-X** ABHYAM SHUKLA 001210201030



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**VIEW OF COURTYARD SPACE** ABHYAM SHUKLA 001210201030