

Location//

Village Sankheda is located on the bank of the river Orsang, 50km from metropolitan city Vadodara in state of Gujarat (India).

It is known for its lacquer works (wood carving and furniture). The village is famous for woodwork craft tradition deeply inherent in the collective identity of the villagers. The village name itself is derived from country wood "Sangedu" - the word for a lathe in Gujarati language. It is famous for its handicraft furniture made from teak wood and often sold on international markets.



Understanding context & furniture making tradition//

Furniture making process



Teakwood



Heating under
sun for releasing
moisture



molding as per the required shape & paint
layer of n.c. Putty



i.c.i company oil base
paint



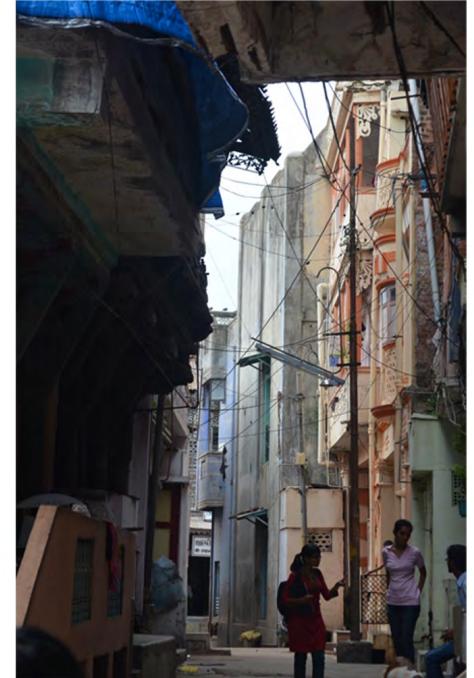
Powder coated high gloss finish
with bright color

Final product



Understanding wooden structural systems//

To develop deeper understanding of traditional construction systems of wooden houses, students were asked to map and document remaining wooden houses in village. Whole mapping process was carried out with means of manual drafting technique.

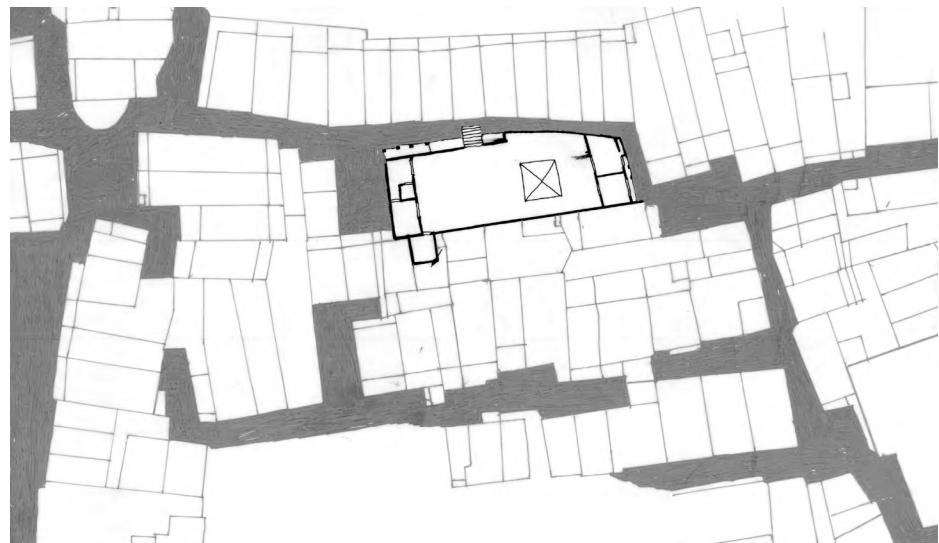


Students were divided into groups of three and were guided to document houses from three major streets :

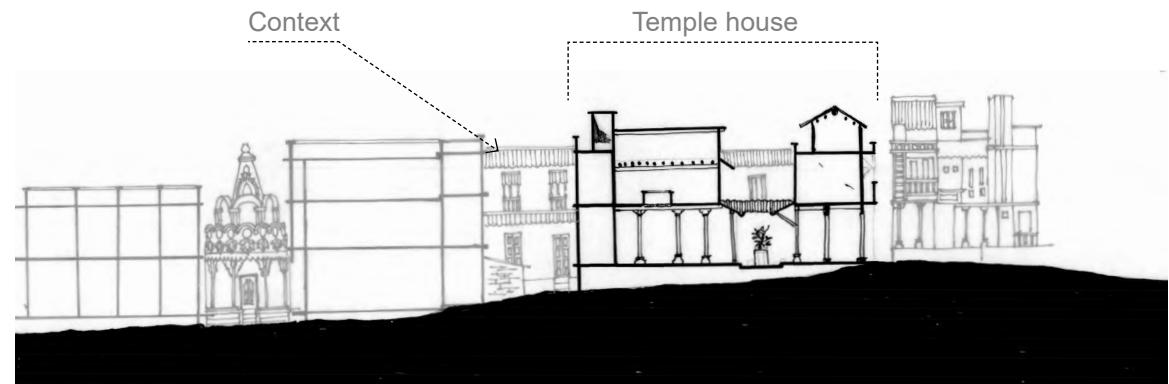
1. Commercial street - typical shop house typology
2. Residential street - residence of craftsman and key institutions (temple)
3. Main street - market street

PART 1 - DOCUMENTATION // Temple house

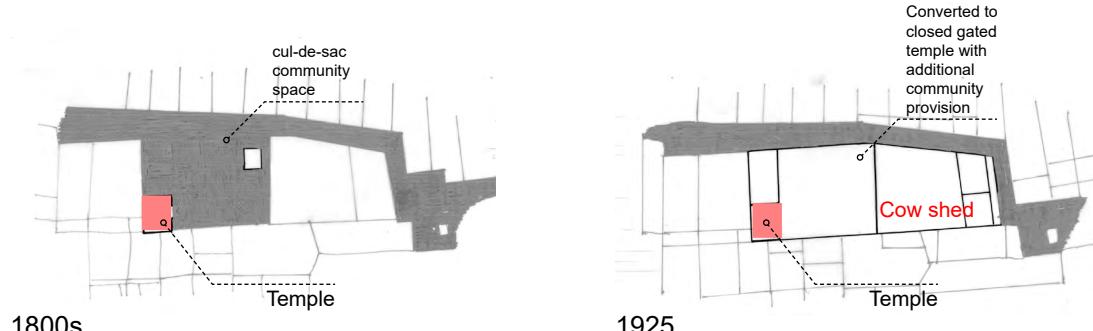
Group: Ekta Rakholiya, Prashant Rathod, Surabhi Kavalnekal



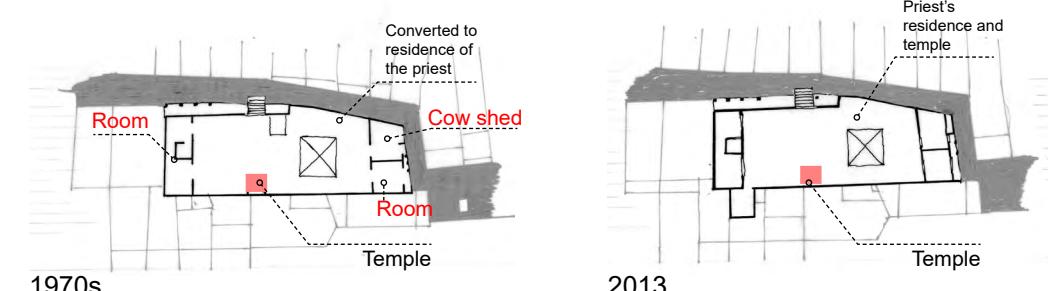
Temple house context



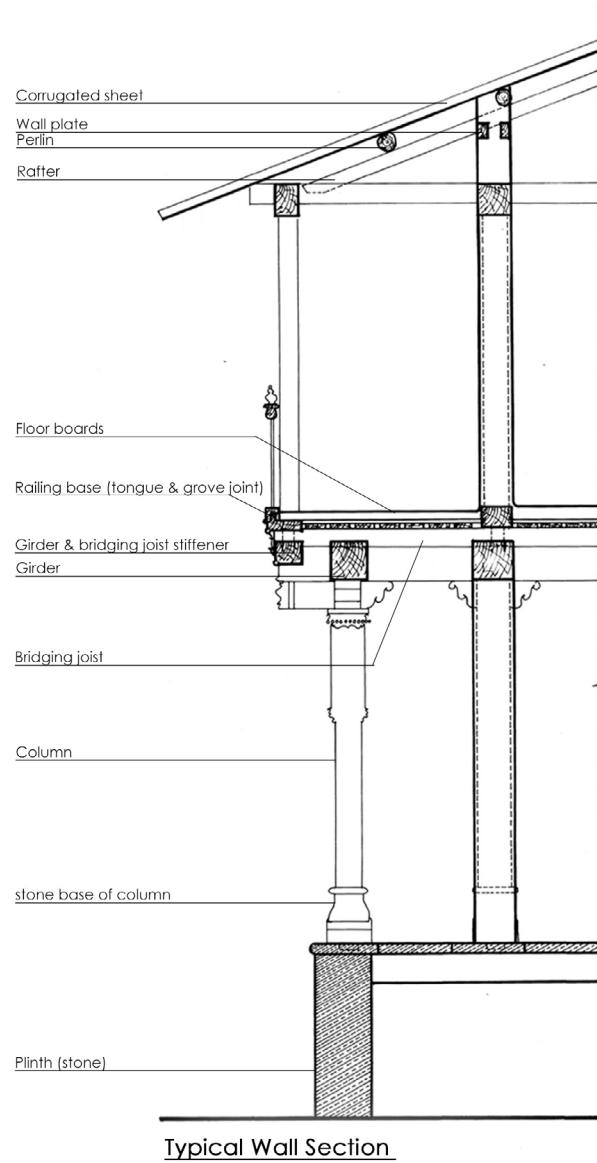
This is one of the residence in village Sankheda with unique attributes of public - private spaces within residence premise. Originally a small temple of lord Narsingh (back in 1800s), it gradually evolved into a priest's residence. People from surrounding neighborhood starts their day with the prayer at this temple (which is also a house) - hence creating unique dynamics of public spaces where daily visitors can come and private spaces for priest and his family members.



Evolution timeline



2013



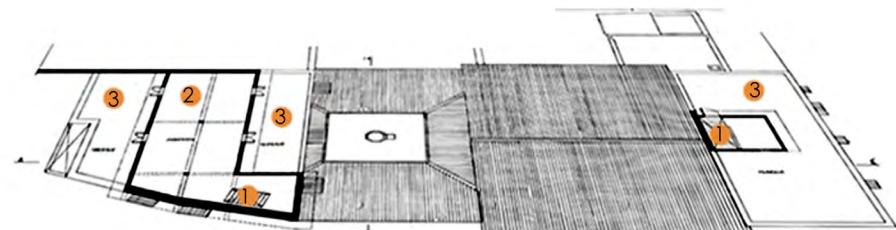
- 1. Staircase
- 2. Storeroom
- 3. Terrace

- 1. Staircase
- 2. Sabha griha
- 3. Balcony
- 4. Bedroom
- 5. Service balcony
- 6. "Anaaj Kothar"
- 7. Bedroom
- 8. Terrace

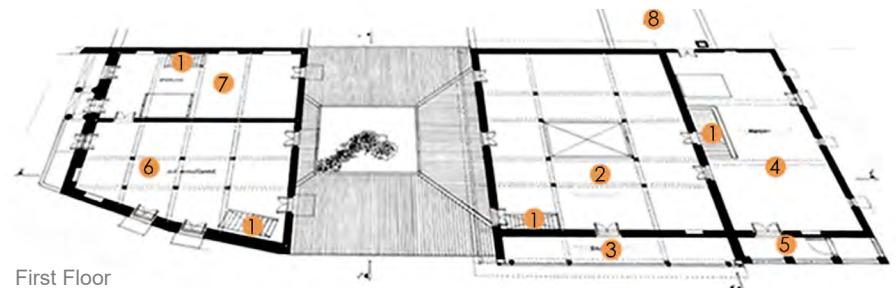
- 1. Entrance
- 2. Garbhgriha
- 3. Kitchen
- 4. Storage
- 5. Bedroom
- 6. Prashaad room
- 7. Courtyard
- 8. Restroom
- 9. Bathroom
- 10. Gauashala
- 11. Pause area
- 12. Restroom
- 13. Ovla
- 14. Back Entrance



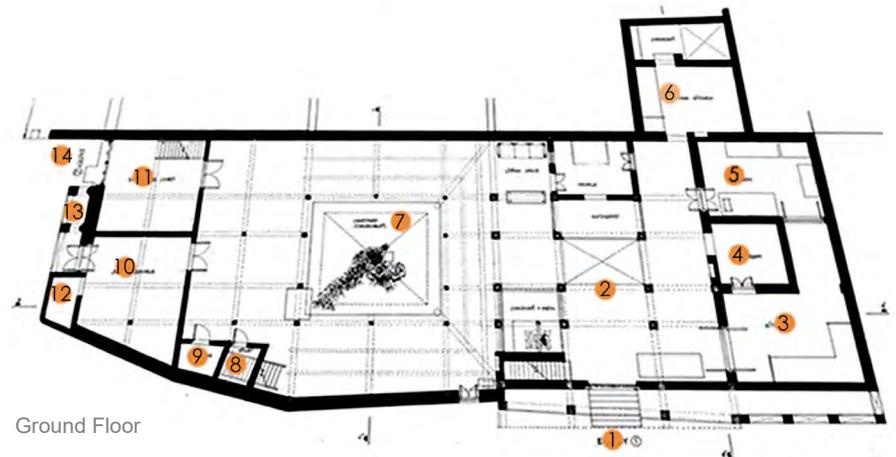
Roof



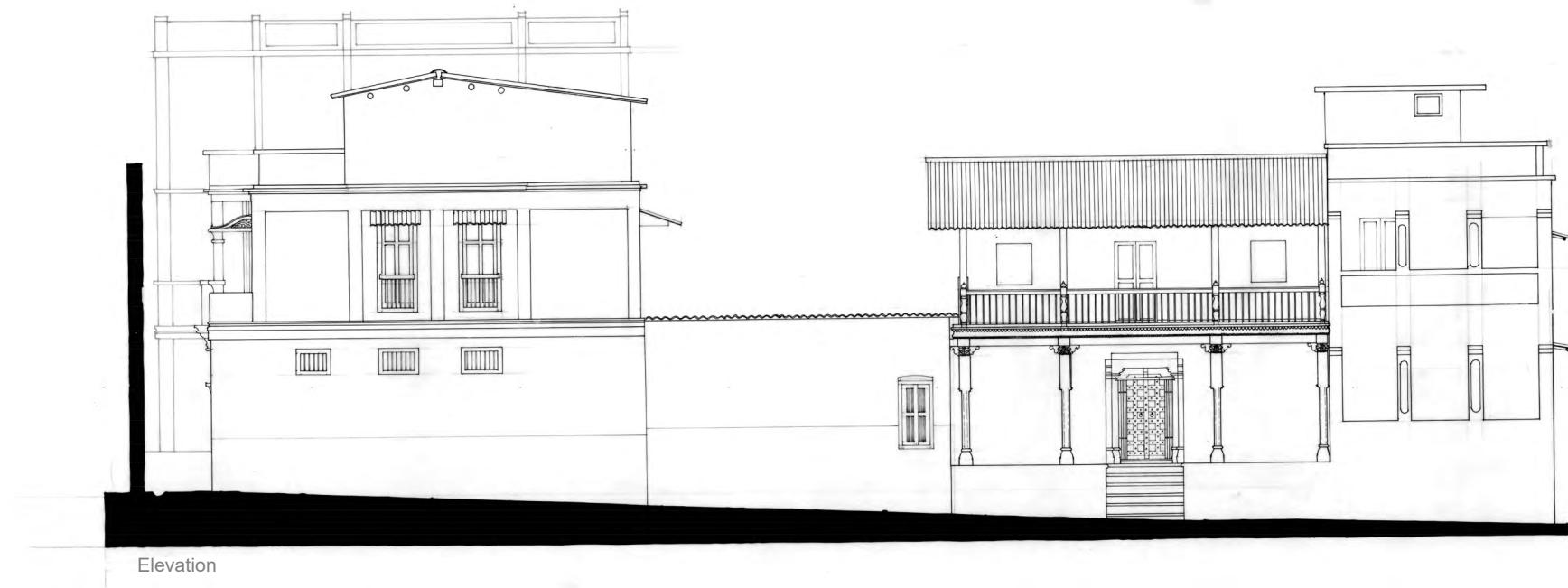
Second Floor



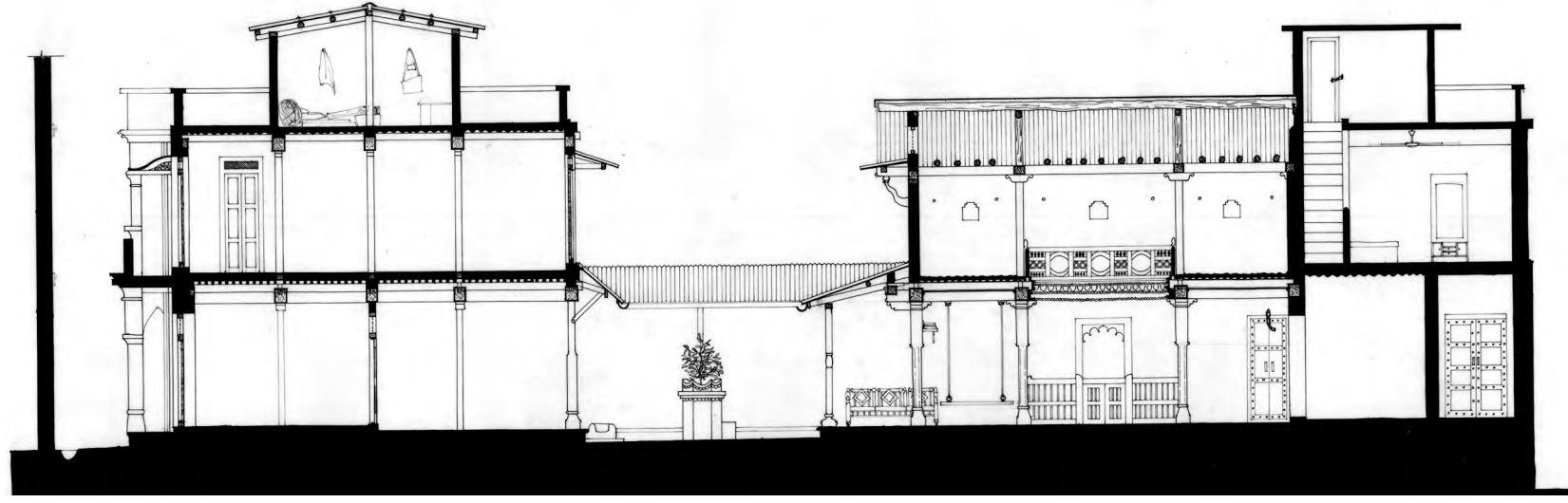
First Floor



Ground Floor



Elevation



Section A

PART 2 - CRAFT REVIVAL // Residence redesign

Lacquered turned wood furniture with hand painted motifs and traditional methods of furniture ornamentation, popularly known as Sankheda furniture - is thought to have been produced here from about 1855.

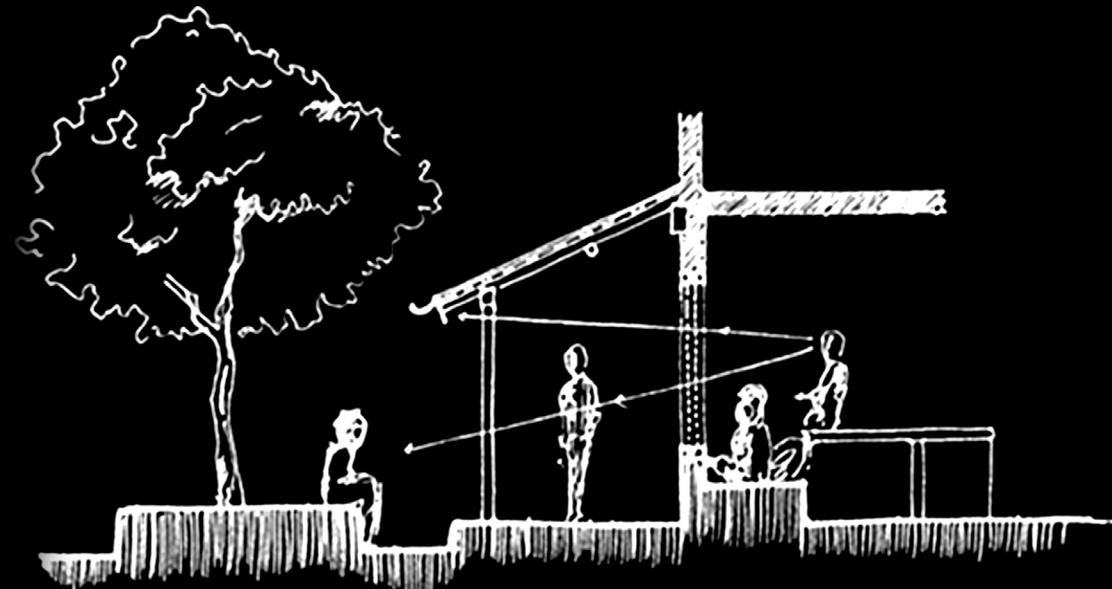
For about 80-100 families belonging to furniture craft community, temple is a place of remembrance of origins, display of best craftsmanship in the village and a place of celebration.

Project challenge is to design the residence in vacant plot adjacent to existing temple for priest and his family, so that the temple premise can be again opened for community.

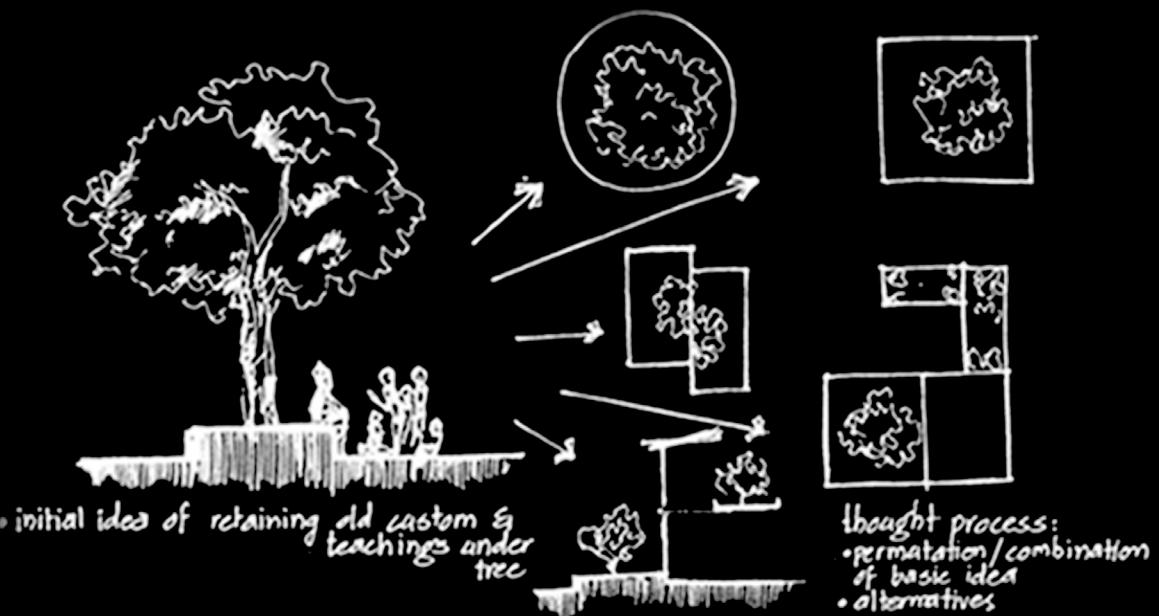


Design Concept//

Priest being one of the important figure for community, requires frequent gathering with villagers and visitors on daily basis. Providing a space that can cater the semi private and public realm is one of the core strategy implemented in the design.

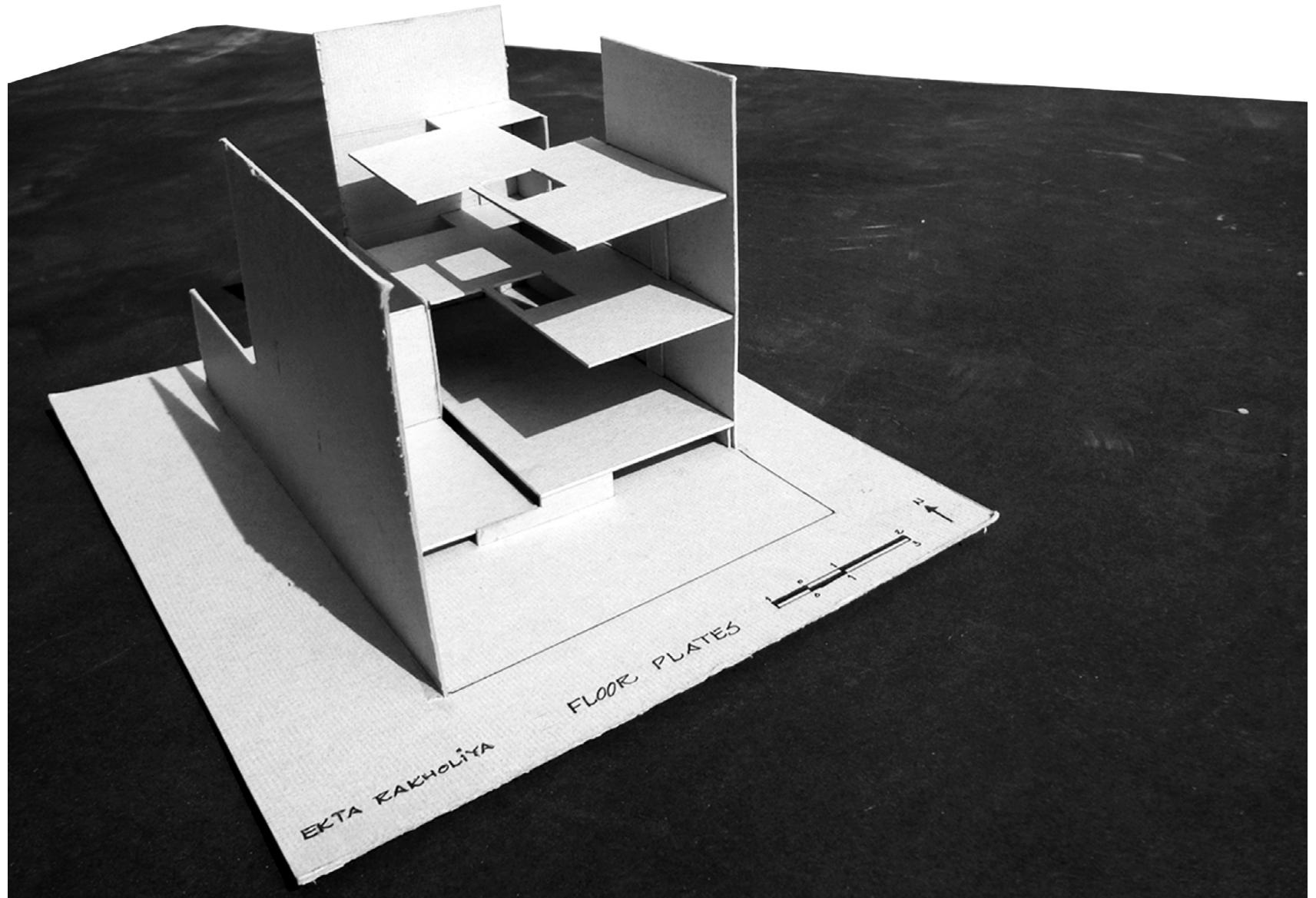


- An approach to retain the village ness in design. + facilitate their work (cooking space)



Process model//

Floor plates study model to understand sun-wind dynamics and possibilities for private-semi private and public-scape.



Design Proposal//

Area : 143.49 m²

Material : Brick and Sankheda wood

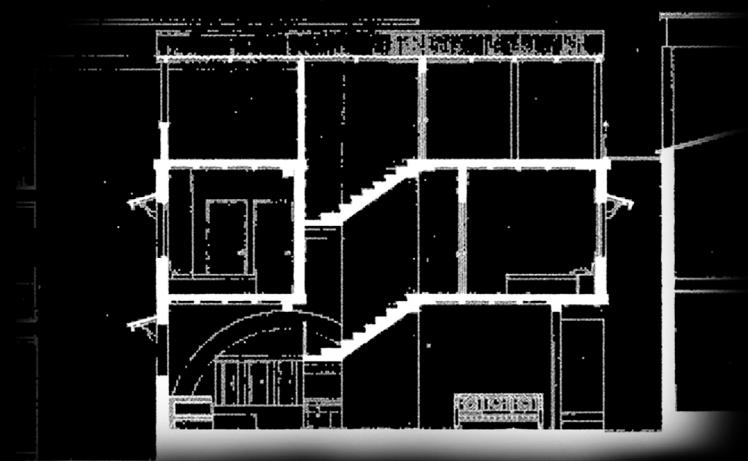
Roof : Filler slab



Elevation



Section A



Section B



First floor Plan



Ground floor Plan

Process model//

