

# A + D

ARCHITECTURE  
DESIGN

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ART IN ARCHITECTURE  
RESIDENCES  
INDUSTRIAL DESIGN





Cover : National Center for Cell Sciences, Pune

Photographs courtesy the authors



Top Hundert Wasser Haus, Vienna.  
Above Nilaya, Goa.

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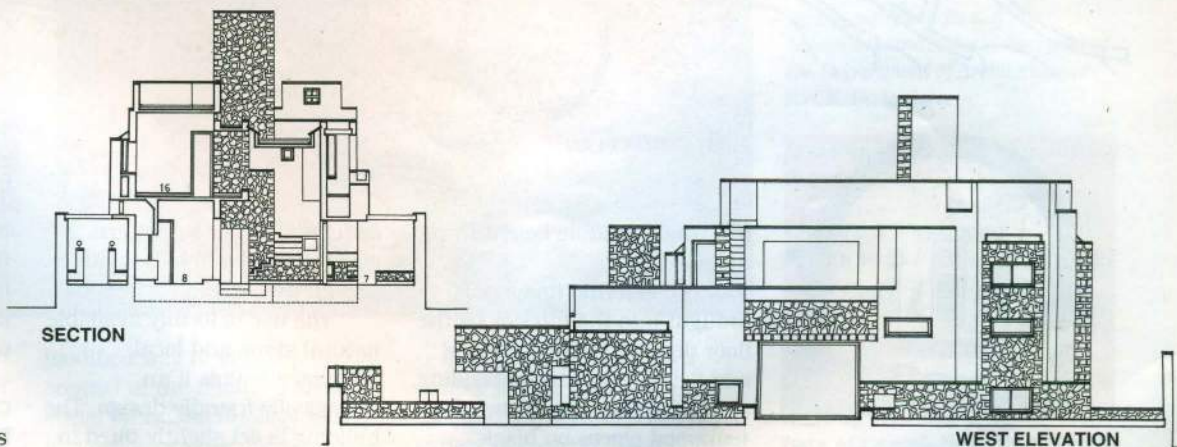
# Residence at Bhavnagar, Gujarat

Architect **Jayesh Hariyani**

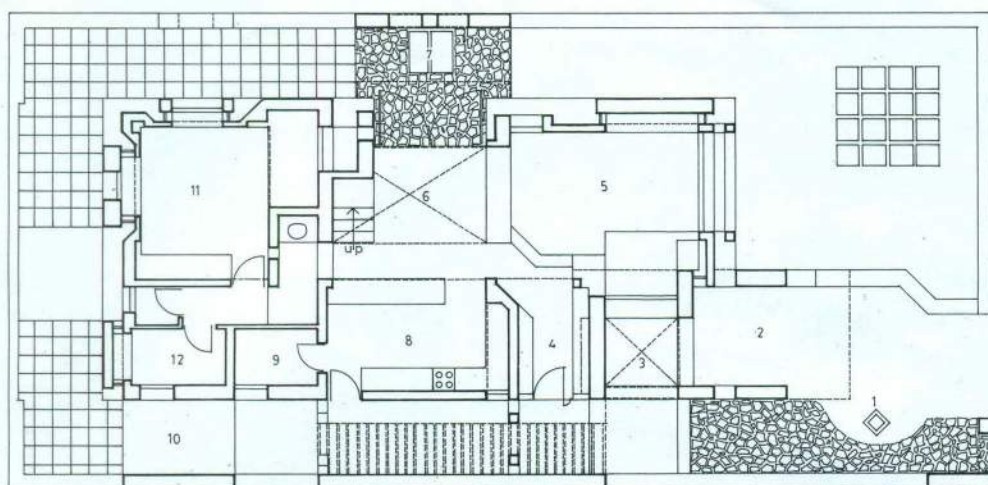


This residential building is located in a posh area of Bhavnagar in Gujarat. The requirement was to design a small, simple and closely knit house, having a living room, dining, two bedrooms and a guest suite.

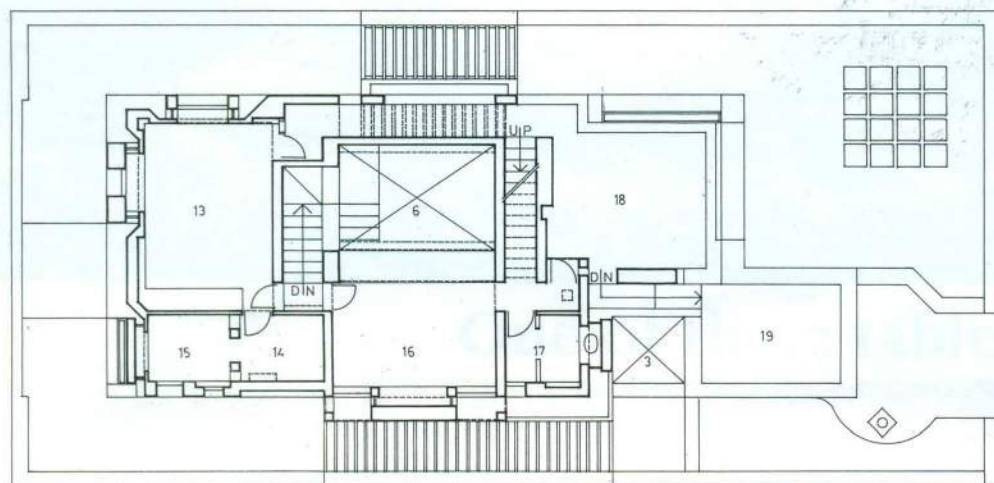
The building plan is based on a simple but functional geometry of rectangles. The elevations reflect this rectangular geometry. At the threshold, one is greeted by a stone-made *tulsi* pillar which is







GROUND FLOOR PLAN



FIRST FLOOR PLAN

- |                |                       |
|----------------|-----------------------|
| 1 TULSI PILLAR | 11 BEDROOM            |
| 2 PARKING      | 12 TOILET             |
| 3 TREE COURT   | 13 MASTER BEDROOM     |
| 4 VESTIBULE    | 14 DRESS              |
| 5 LIVING       | 15 TOILET             |
| 6 DINING       | 16 CHILDREN'S BEDROOM |
| 7 COURT        | 17 TOILET             |
| 8 KITCHEN      | 18 TERRACE            |
| 9 STORE        | 19 TERRACE LAWN       |
| 10 WASH        |                       |

framed by a stone arch representing the traditional *torana*. The pedestrian path has stone paving and is separated from the vehicular one by a level difference. The main entry faces the east and is covered with small sections of a wooden pergola at the lintel level. A portion of the west-side stone wall is accentuated by bringing in natural light through slit windows.

The dining area is the nucleus of the house. This area has a double height with narrow slits on its roof edges allowing in diffused daylight. The guest bedrooms on the ground floor are also a part of the sunken area of the house.

All the terraces at the different levels are of China mosaic, reflecting the sunlight and cutting down the heat penetration. The terrace above the car portico has a roof garden.

The flooring of the main areas is of yellow Jaisalmer and the walls are of stone. The interesting character of the house is the play of walls and volumes. Thick walls are placed such that their shifting is possible and thus a play with natural light is generated. The external walls have also been broken down to scale. The volume is worked out in a manner that the entire mass of the building is brought to the human scale irrespective of its height. ☼

**Client** Kishorbhai Vaghela  
**Consultants** J P Rangwala (structural), Paresh Dholakia, T Vaghela (engineering)  
**Plot area** 265 sq m  
**Built-up area** 195 sq m  
**Date of Completion** 1993



Entrance detail



Interior view