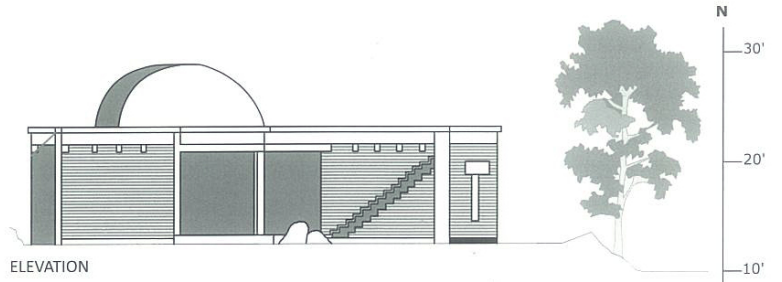


CLIENT JEHUDA & JUNG NAM LOCATION AUROVILLE YEAR OF COMPLETION 2000 SITE AREA 800 sq.m BUILT AREA 150 sq.m COST INR 1.4 MILLION ARCHITECT STUDIO NAQSHBANDI DESIGN TEAM MONA DOCTOR-PINGEL CONSULTANTS MONA DOCTOR-PINGEL (STRUCTURAL & LANDSCAPE), KRAFT ASSOCIATES (WASTE WATER TREATMENT) CONTRACTORS VELLPUNDI ACHARI, RAMAYA ACHARI PHOTOGRAPHS MONA DOCTOR-PINGEL, ARAM PETER TUNKEL

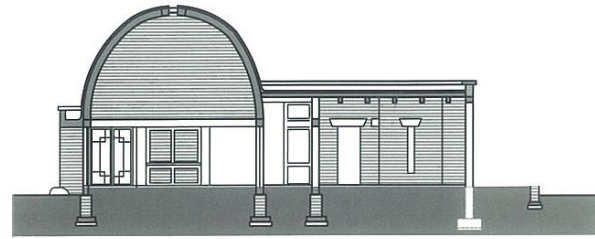


42 WOMB

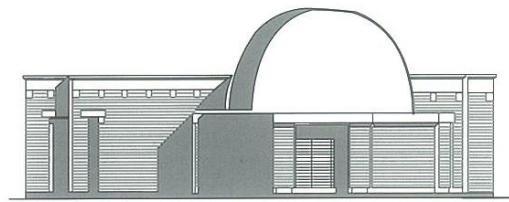
The Minke dome – a dome without ring forces – is adopted to enhance a “womb-like feeling” among the patients in this residence-cum-psychotherapy office. The 5.5-metre diameter brick dome at 2m height externally finished with china mosaic avoided the use of arched openings, made the interior cooler, reduced the echo inside and achieved a pure form. The flat terrace uses a system of precast concrete beams with cuddapah stone slabs laid on top with broken brick bats in lime mortar and china mosaic as a final water-proofing, heat-reflecting surface. Solar water heating, a north-south orientation in harmony with the earth’s magnetic field and prevailing wind direction in summer and a community waste water treatment plant that recycles all grey and sewage water through a reed-bed filter make the project an ecologically-sensitive one. Locally available inexpensive building materials have been used and terraces and paved footpaths have been created with the residual building and flooring material. Zero rainwater run-off is ensured by proper slopes and bunding, protecting the canyon from further



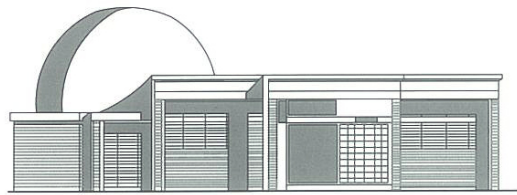
ELEVATION



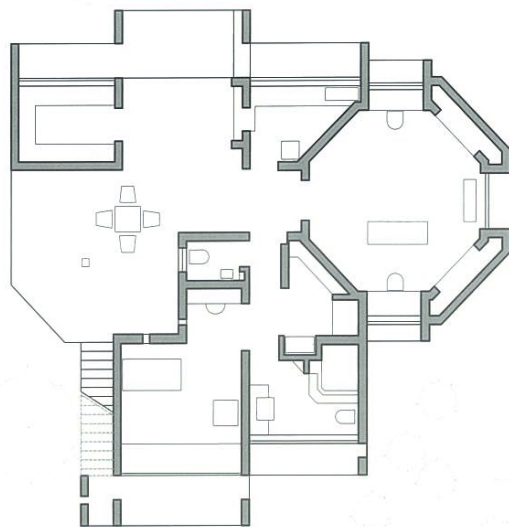
SECTION



ELEVATION



ELEVATION



FLOOR PLAN

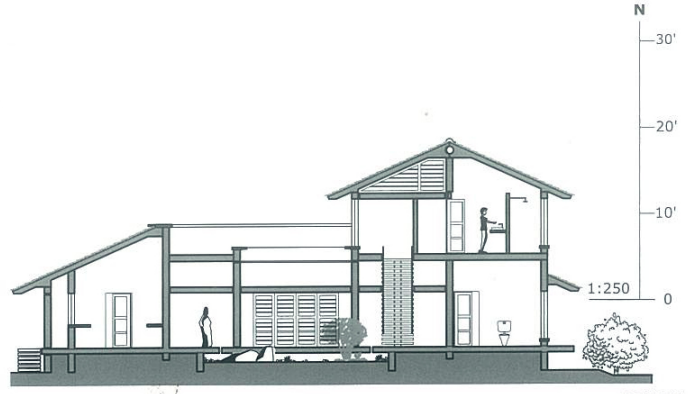


CLIENT LAXMAN & PREETI REDDY LOCATION KOVALAM (EAST COAST ROAD) TAMIL NADU YEAR OF COMPLETION 2010 SITE AREA 2250 sq.m BUILT AREA 415 sq.m COST INR 13 MILLION ARCHITECT STUDIO NAQSHBANDI DESIGN TEAM ARUSHA DROUIN, MONA DOCTOR-PINGEL CONSULTANTS LES PREMIER SERVICES (STRUCTURAL), MONA DOCTOR-PINGEL (LANDSCAPE) CONTRACTORS MOHAN CONSTRUCTIONS PHOTOGRAPHS JONES VINCENT

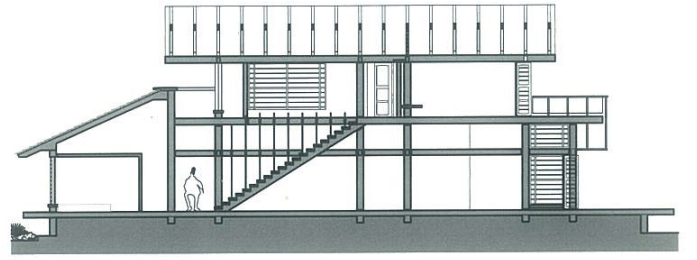


43 STAGED

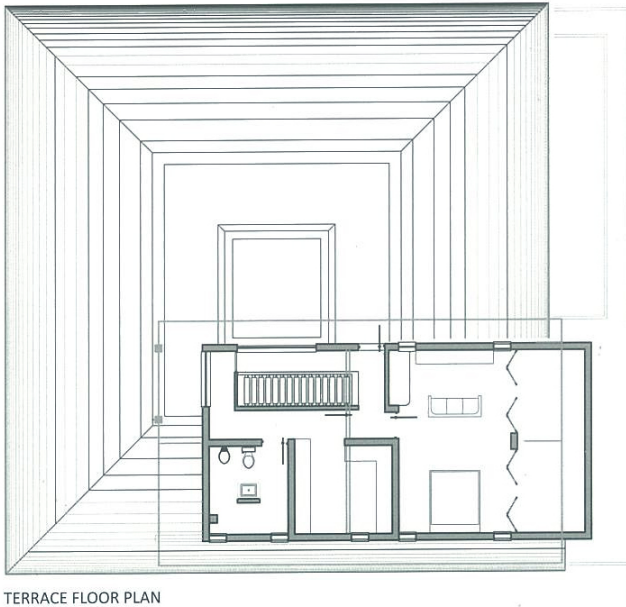
The house is designed to respond to and engage with the garden, the view and the sky. The coastal location dictates most features of the house – raised plinth to capitalise on the beautiful view of the sea, courtyard to help regulate the indoor climate with main openings towards the east, large roof cantilevers to keep out the sun and the heavy monsoon rains, and open planning within the social spaces. The 'A'-frame saddle roof ensures that the sun does not heat up the room in the morning. The sloping tile roof uses precast concrete rafters cast on the site to create a termite-proof shelter, reducing the use of tropical timber while providing good thermal insulation. Flooring throughout the house is in natural stone (rough green cuddapah). The large pond at floor level towards the living, dining and kitchen areas is a naturally maintained ecosystem with plants, snails and fish.



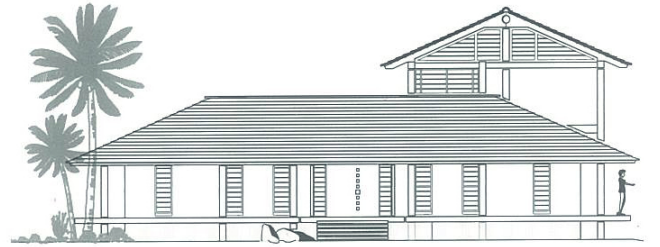
SECTION



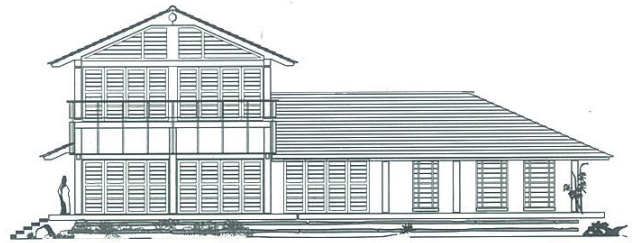
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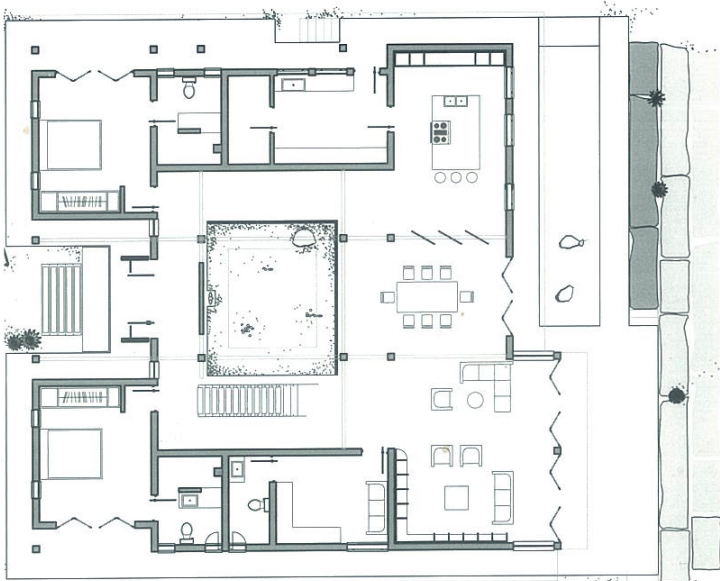
TERRACE FLOOR PLAN



ELEVATION



ELEVATION



GROUND FLOOR PLAN

