Parekh House
Ahmedabad
1966–68

Ideas on section, related to climate in dwelling structures based on parallel walls, find their continuation in the Parekh House of 1968. The section, first evolved for the housing in the Cabilenagar Township at Kota, creates two basic conditions of use — one for summer and the other for winter.

The “summer section” creates a pyramidal central interior space which minimises the direct exposure of the spaces to the sun, reducing heat gain but allowing for the escape of hot air. This area is to be used mainly during the hot summer afternoons. Conversely, a reverse pyramid opening up to the sky, usable in the cold season and summer evenings is considered as a “winter section”.

The site for the house has an east-west orientation along its major axis. The plan consists of three bays so that the summer section is sandwiched between and protected by the winter section on one side and a service bay on the other. The house is constructed of brick load-bearing walls supporting form finished concrete slabs. The elevations express directly the climatic considerations of the design.
East elevation expressing the winter section.

Entrance facade.

View from the pergola-covered terrace.