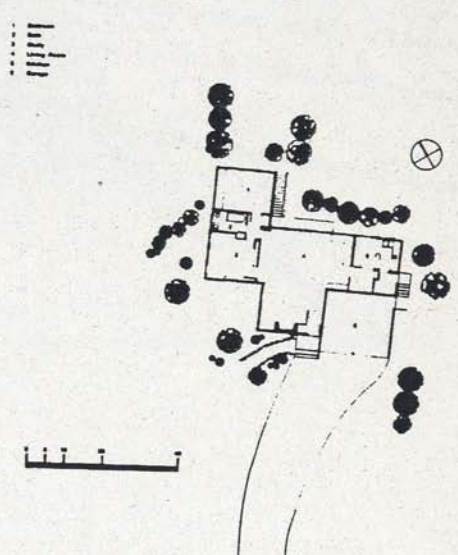
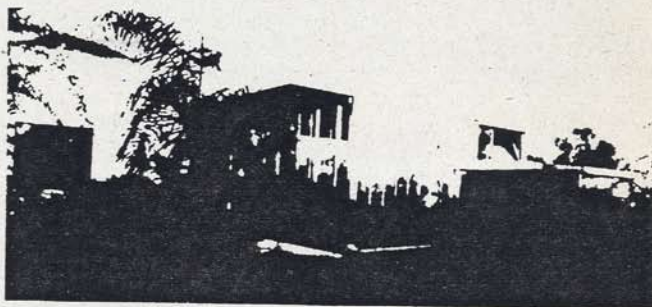
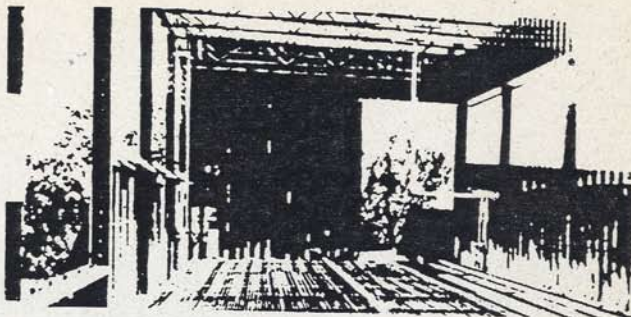
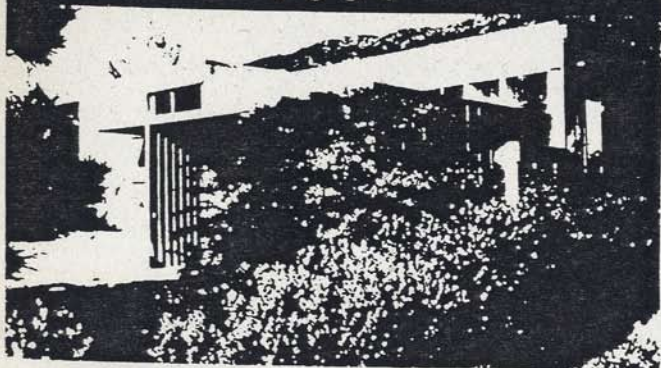


THE WORK OF ARCHITECT
Richard Neutra

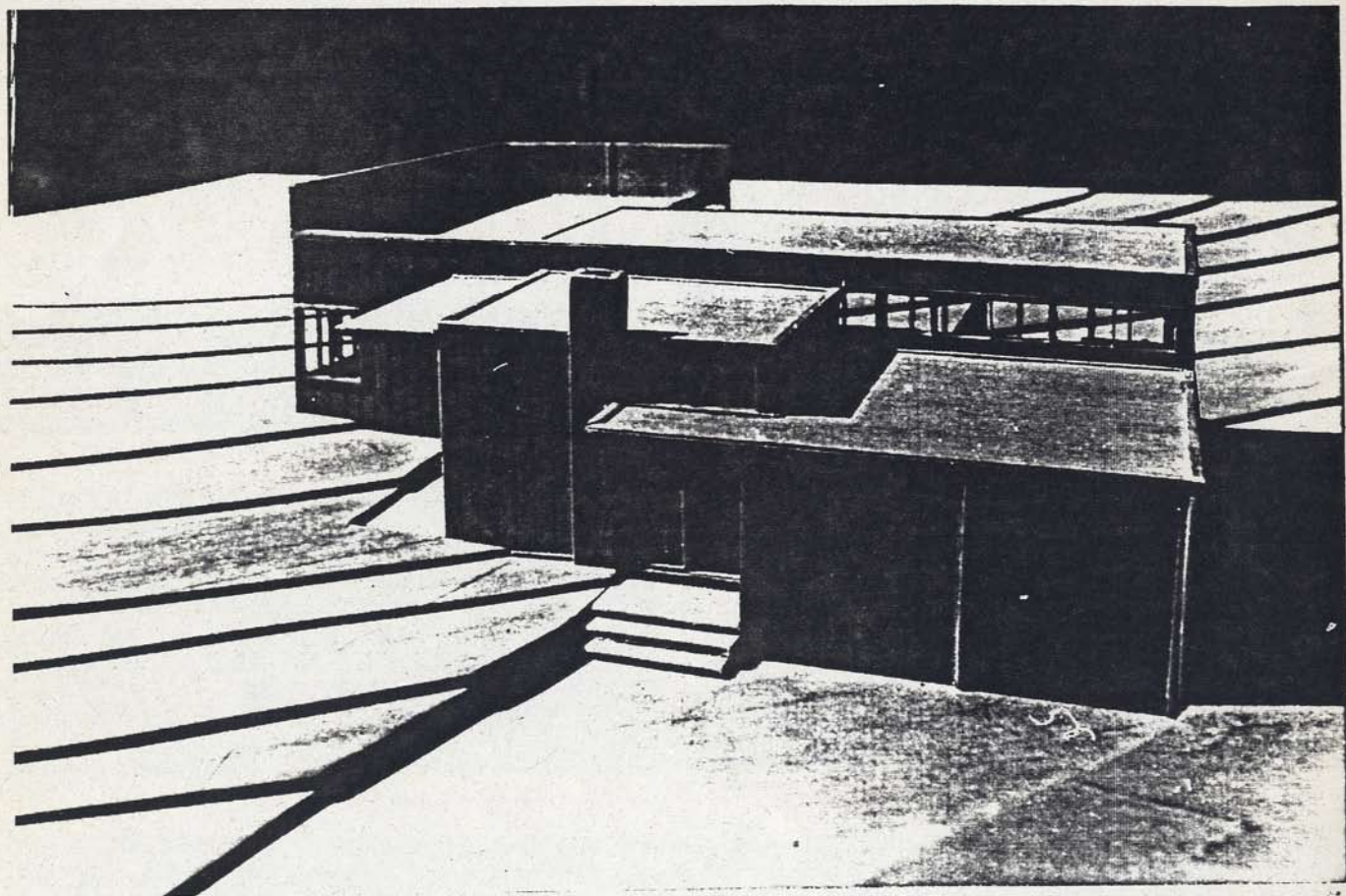
BEARD HOUSE

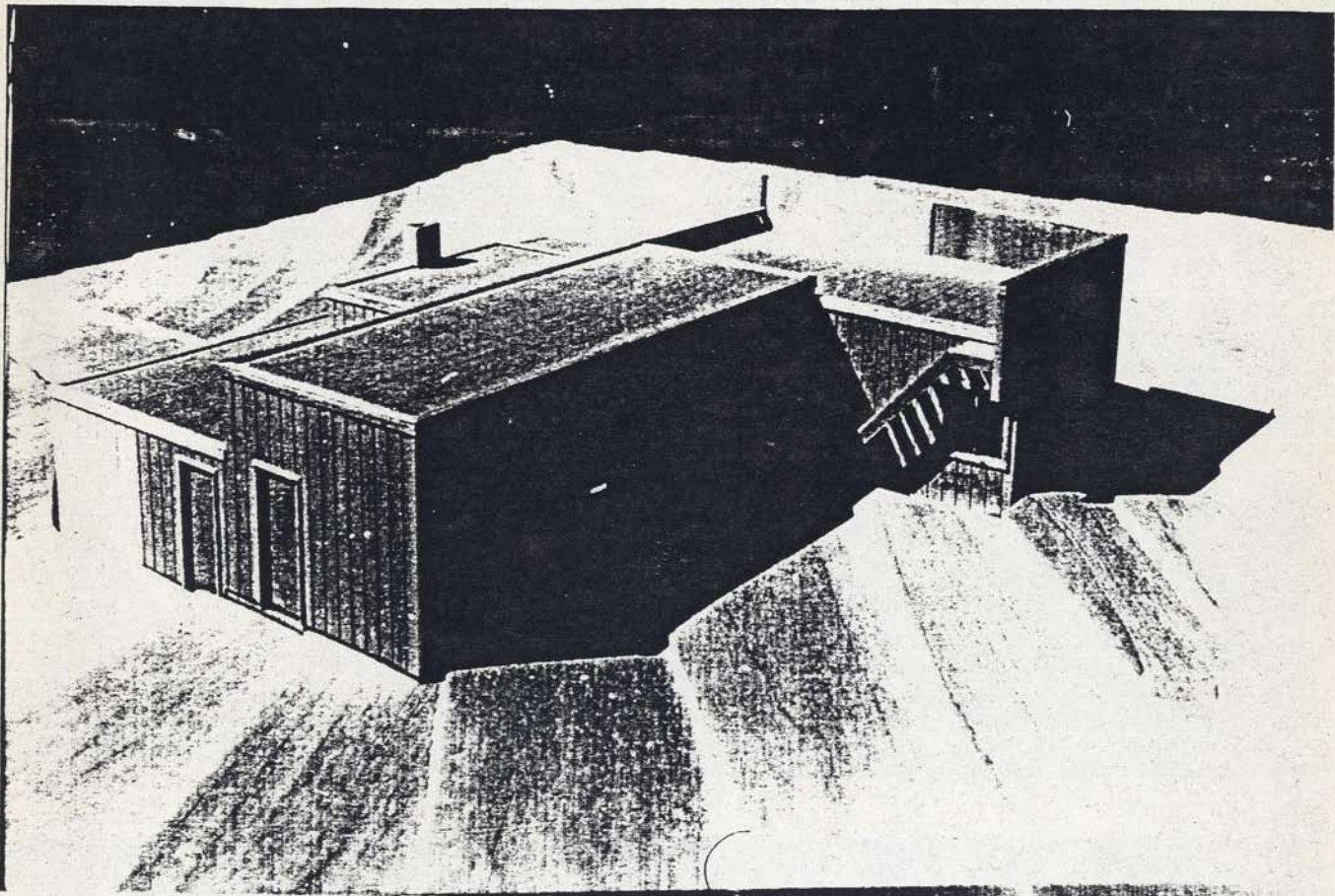
ALTA DENA CALIFORNIA
1934



SITE PLAN WITH FLOOR PLAN

ESCALA TÈCNICA SUPERIOR D'ARQUITECTURA
BIBLIOTECA
BARCELONA





BIBLIOTECA
MUSEU D'ARTS I CRAFTS DE BARCELONA



SECTION

SECTION



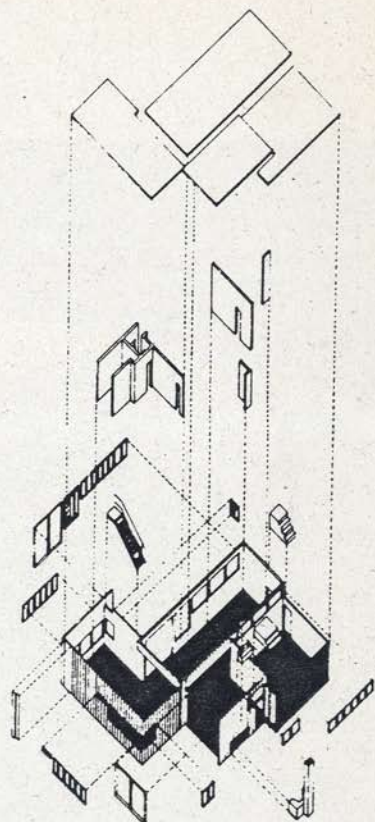
SECTION

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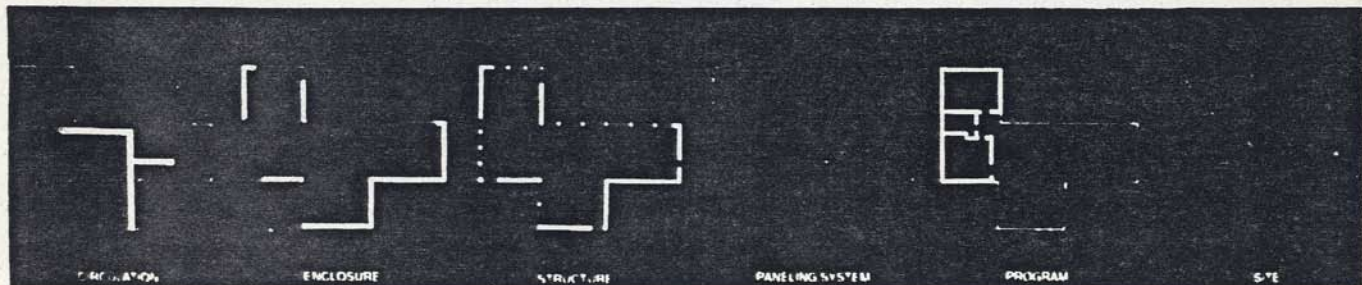
Beard House

A Case Study Project by
Denise Mendrisson and Vincent Huang

This house built in 1934 for William Beard was Richard Neutra's second experiment in steel construction. He used steel channels intended for floor construction to make load bearing hollow walls. Furthermore, a cement floor rests on open web beams and the roof is carried on open web joists. Thus the steel shell forms a pleated surface around the interior surfaces with warm air circulating through it to provide radiant heating. In the summer, low openings in the ceiling walls admit air cooled by water sprinkled on adjacent bushes. The system is efficient but presents maintenance problems. Neutra designed exceptionally delicate framing details for the sliding glass walls in the living room which are in scale with the module of the exterior walls as is the open stair to the roof of the bedroom wing. The entire building was painted glossy silver gray which contrasted to the look of an industrial artifact set down in startling contrast with the lush California landscape.



AXONOMETRIC



CONCEPTION

ENCLOSURE

STRUCTURE

PROGRAM

PROGRAM

SITE