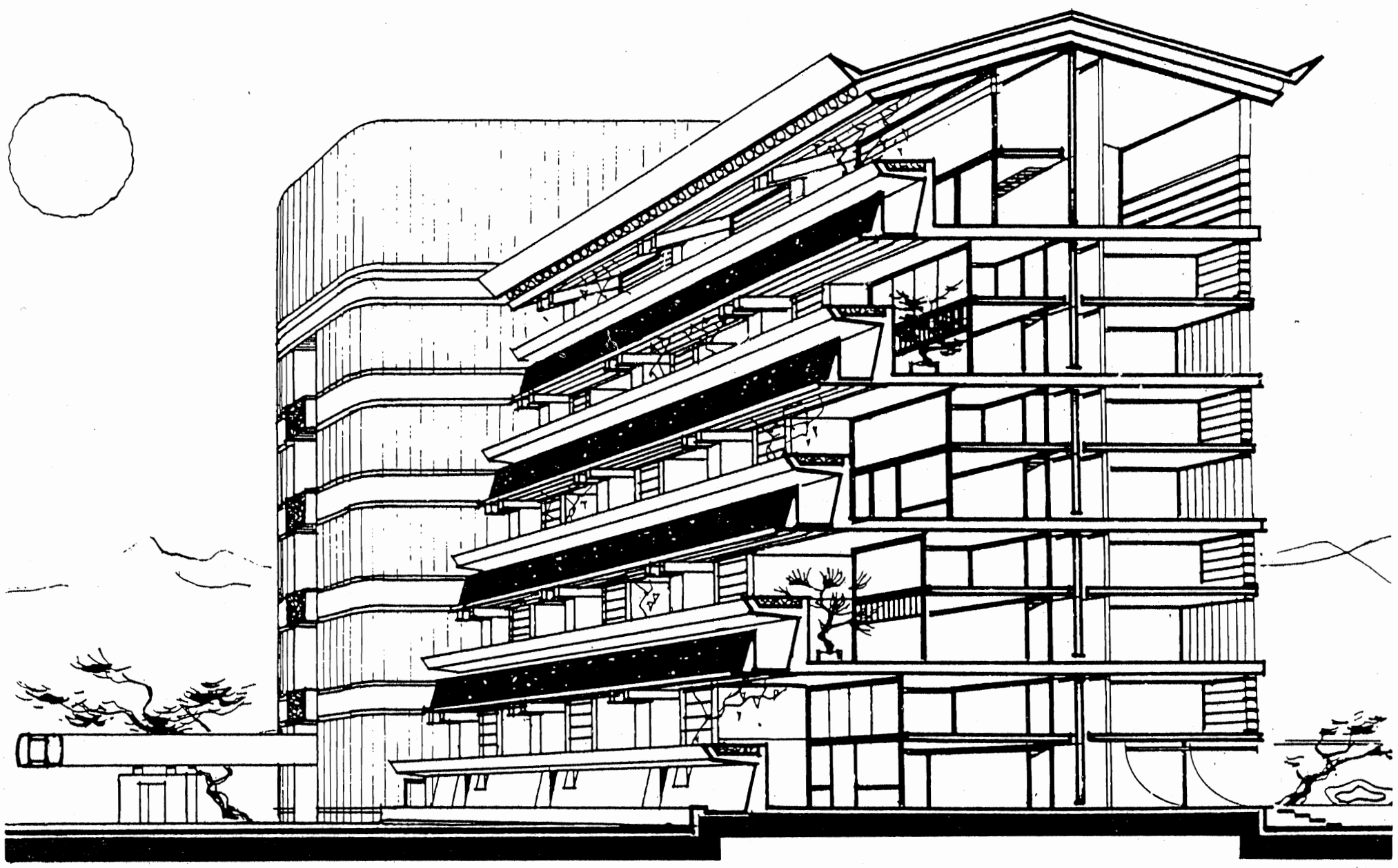
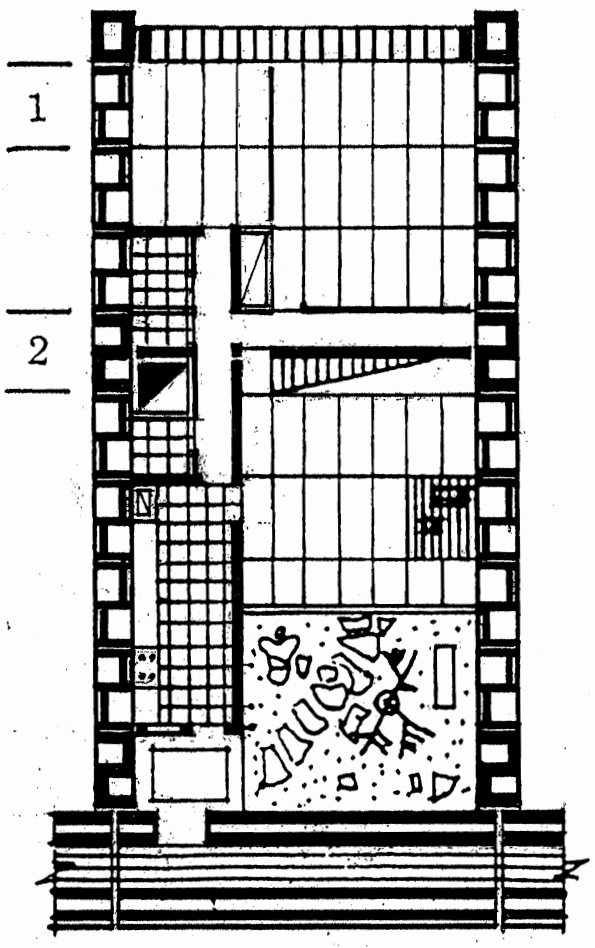
THE DWELLING-HOUSE
FOR JAPAN

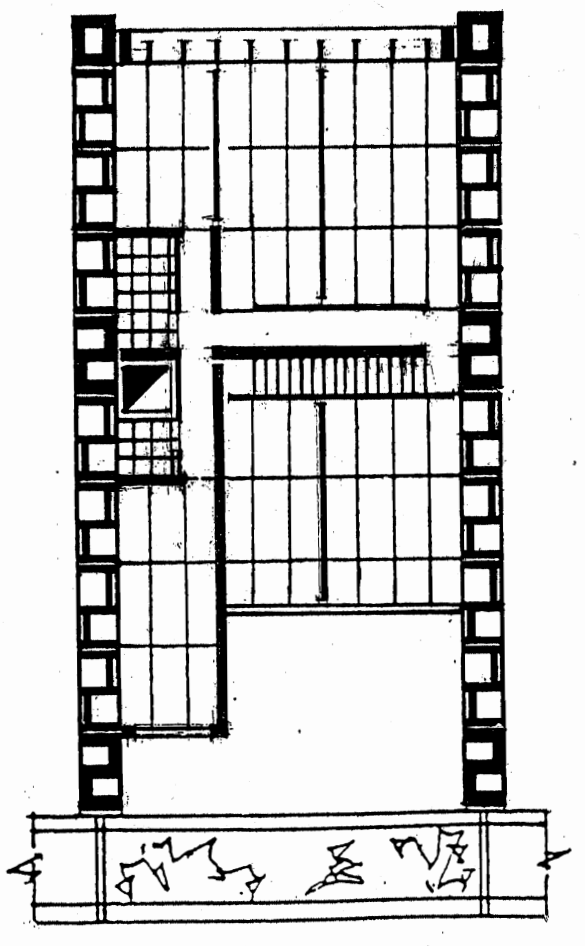




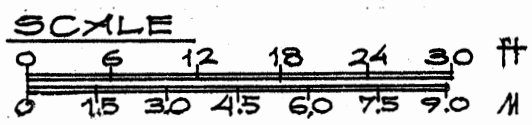
First story

Explication: 1- assembled element
of the regular type 2 – strengthened type

Sample of a two-story apartment



Second story



This project was designed by the author in 2006 based on his own program, as a not made to order, independent (with no affiliation with any project design firm, without co-authors or assistants) project.

The multistory dwelling house is a new type of a residential multistory gallery building, elaborated by the author, with two-story apartments with little gardens, traditional for Japan. The building includes three elements: the two apartment buildings and a tower of vertical communications (elevators and staircases) connected with the two apartment buildings by galleries. The tower also includes a number of spaces for social services (the playrooms, gyms, meeting rooms, etc.), and the bicycle parking lot in the basement, as well.

Each apartment building consists of several identical blocks with two -story apartments of different size. The apartments located on the first floor, designed for big families with children, have exits to their own yards.

Each block is located between two bearing cross walls of the "sandwich" type, designed by the author, with the niches typical for the Japanese house.

In each apartment, there are only a few elements whose position on the plan are firmly established: rooms with sanitary equipment (kitchens, bathrooms, and laundry rooms), the ventilation shaft, and the longitudinal wall of rigidity with the stairs attached to it. Planning of all the other spaces, and decoration of the walls facing the garden, are executed individually according to the orders of the apartment owners. The module of design used in the apartment planning is the size of the "tatami".

Bearing cross walls, walls of rigidity, gallery, and covering are made of prefabricated reinforced parts. Longitudinal non-bearing outside walls are assembled of light panels.

Only the principal solution of this type of dwelling is presented in the project. The number of apartments in a block, block and apartment sizes may be different. In this version, the size of the blocks is from 27x59 ft at the lower level to 27x46 ft at the upper level. The area of the lower level apartment is 1920 sq. ft; upper- 1240 sq.ft.

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