The Full Scale Model Workshop

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The workshop is an institution, available for use by the public and established at the Laboratory of Housing in the Art Academy's school of Architecture for a 3 year trial period beginning April 1985. This summary contains brief descriptions of a variety of representative model projects and an overview of all projects carried out so far, including the pilot projects from 1983 and planned projects to and including January 1987. The Full Scale Model Workshop builds full size models of buildings, rooms and parts of buildings.

The purpose of the Full Scale Model Workshop is to promote communication among building's users. The workshop is a tool in an attempt to build bridges between theory and practice in research, experimentation and communication of research results.

New ideas and experiments of various sorts can be tried out cheaply, quickly and efficiently through the building of full scale models. Changes can be done on the spot as a planned part of the project and on the basis of ideas and experiments achieved through the model work itself.

Buildings and their space can thus be communicated directly to all involved persons, regardless of technical background or training in evaluation of building projects.

The Full Scale Model Workshop is mobile.

In principle models of up to several stories can be built anywhere in the country where a hall or other large room is available. The building materials are specially made "blocks" well suited to mark and move interior and exterior walls. Floor, ceiling and load bearing constructions are carried out in wood and plate materials and supplemented with building components: stairs, windows, doors and inventory. In the models the placement of walls, lighting conditions, furnishing and more can be tested.

The work is registered (drawn, photographed and perhaps recorded on video film), evaluated and revised until a result satisfactory to all is obtained, and all sides of the problem have been illuminated. Experiences from projects already carried out show that full scale models in a nicely concrete and visual way give all the possibility to participate in the evaluation and improvement of even complicated products, before they are constructed in large numbers and for use over

Multilevel buildings of the future

Further development of a first prize project in the Housing Council's competition required an evaluation with respect to space, form and utility. Dimensioning, furnishing possibilities, flexibility and installation details.

Townhouse: a collective for young people

The project won first prize in a competition among architecture students at Aarhus and Copenhagen and is an example of full scale projects in connection with education at the higher levels.
many years. Interest in utilizing the workshop among those who build has been investigated.

Building firms, public institutions, entrepreneurs, producers, architects and engineers have spoken out, showing that there is a concrete and lively interest.

New low-dense housing type

A model of an entire two story row house was built in the large theater hall at Allerød.