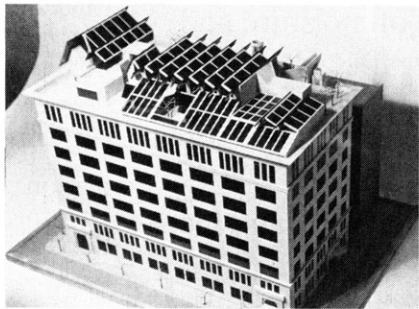


Old building gets new use, solar system

A New York City printing house built before World War I will be turned into an apartment building and be topped with 6,000 sq ft of solar collectors. The solar system connected to heat pumps will provide all heat and domestic hot water in 50 of the building's 188 apartments.

All apartments in the 231,800-sq-ft structure will have individual heat pumps



Apartments have 6,000 sq ft of collectors.

that use hot water as a heat source. An existing boiler will heat water for apartments not connected to collectors.

New York City-based architect Stephen B. Jacobs says the area available for collectors was too small in comparison to the total floor area to use solar heat in all the apartments. "It sets up a good demonstration project," he says, to use solar heat in part of the building and use the remaining apartments as a control group. The owner of the building, Mountbatten Equities, has applied for a \$140,000 demonstration grant from the Department of Housing and Urban Development.

The estimated total cost of the project is \$3 million to \$3.5 million.

The eight-story building, 200 ft x 100 ft, will be divided into one, two and three-bedroom apartments. A portion of each 16-ft-high apartment will be divided horizontally to create a two-level unit.