

# ARCHITECTURAL RECORD



NOVEMBER 1956

BUILDING TYPES STUDY

MENTAL  
HOSPITALS

240

November 1956 Vol. 120 No. 5

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Cover: House for Mr. and Mrs. S. Brooks Barron, Detroit, Mich.; Yamasaki, Leinweber & Assoc., Architects Hedrich-Blessing photo

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## One Hundred Years of Significant Building

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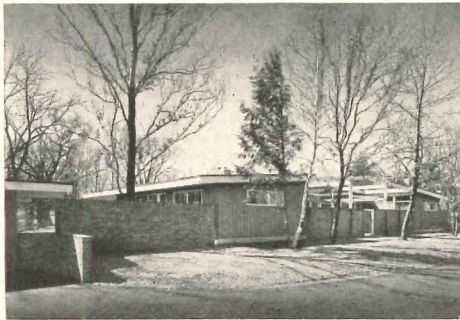
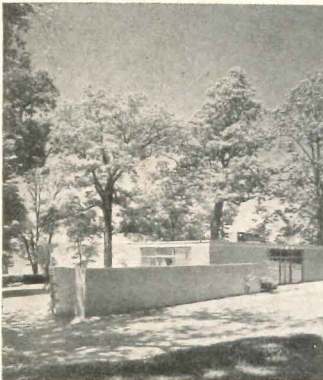
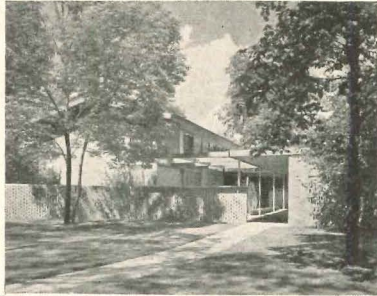
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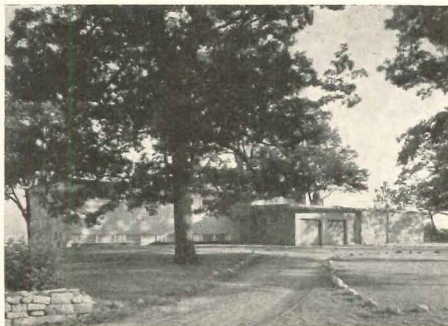
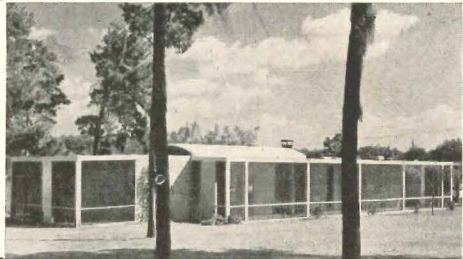
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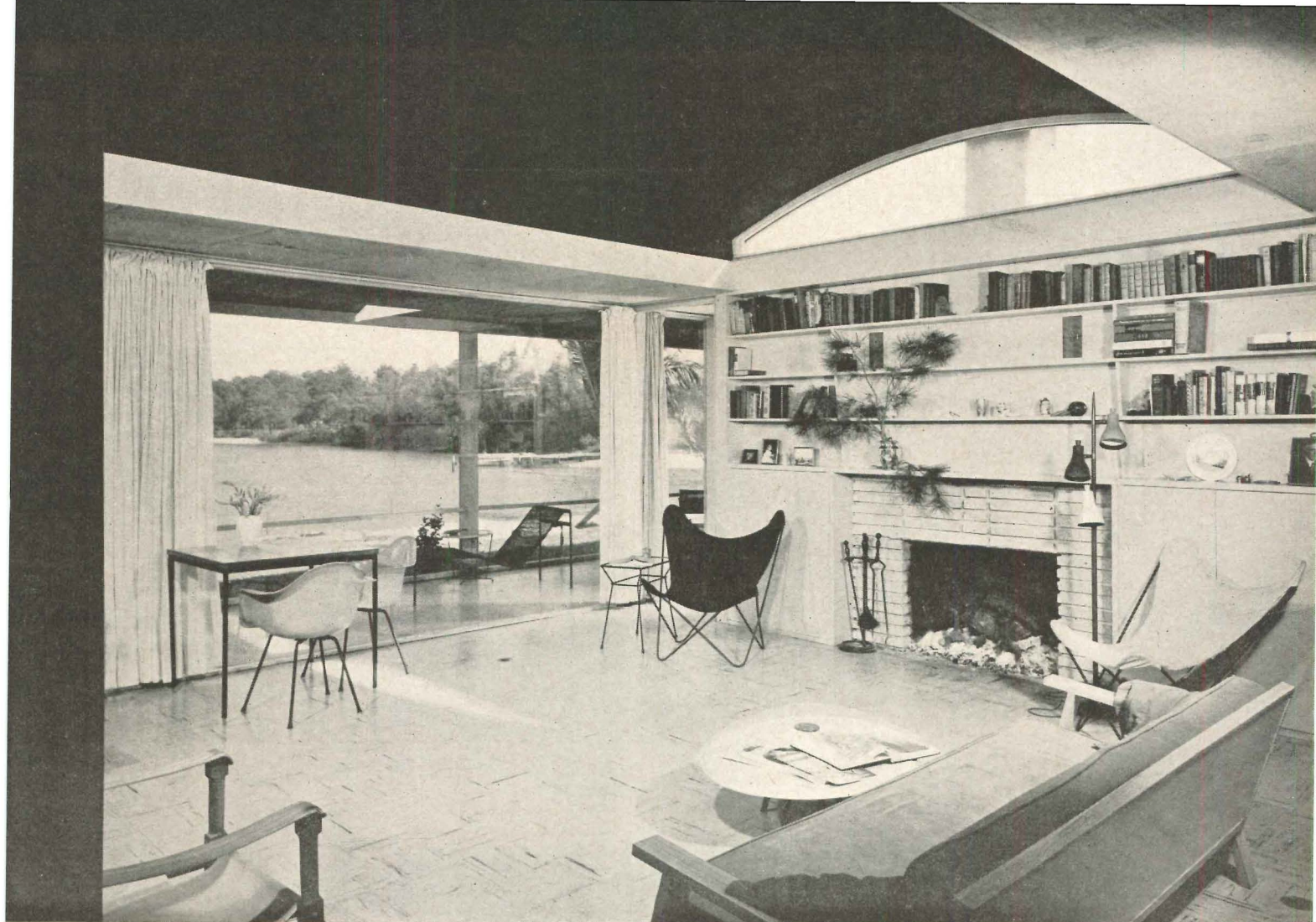
# FIVE HOUSES

YAMASAKI  
JOHNSON  
KOCH  
RUDOLPH  
KECK



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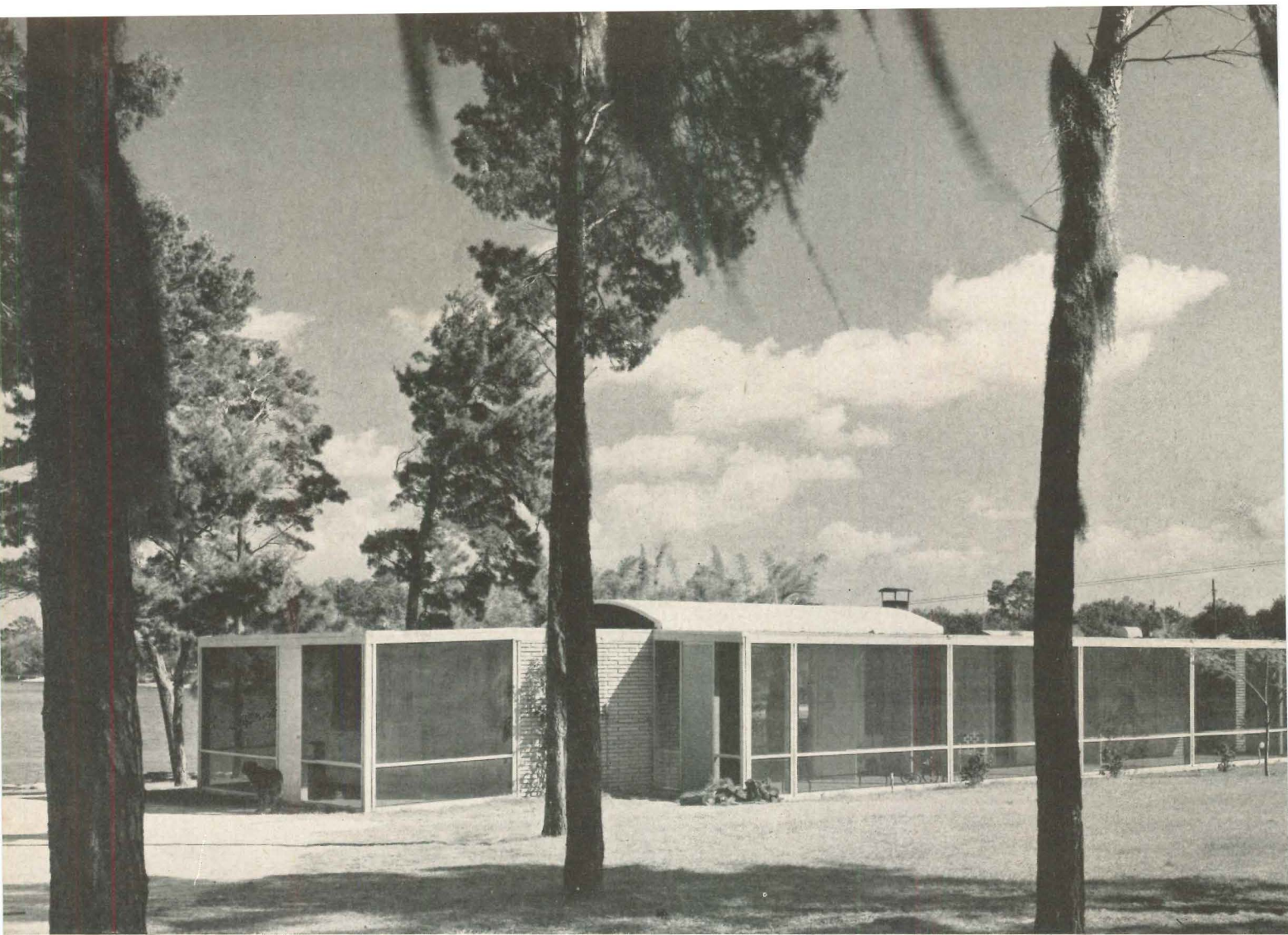
## VAULTED CEILING, FOUR PORCHES IN THE SOUTH

*Residence of Mr. and Mrs. Davidson  
Bradenton, Florida  
Paul Rudolph, Architect*

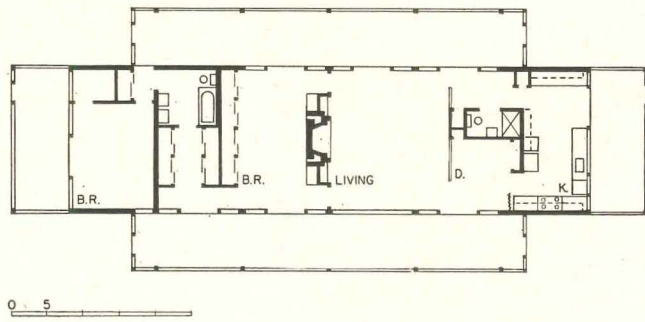
*Again the architect has addressed the problem of dignity in the small house and has found a most satisfying answer in the calm ordering of precise, repetitive constructional bays. The slim rectangle opens on all sides to the winds; breeze and sun controls — along with the pleasant vaulted living room — have enriched the simple volume of this fine house. It is an excellent example of regional forces generating particular and significant forms.*

COMFORTABLE LIVING INDOORS is always a problem in warm climates. As the architect of this house puts it, “the colonnaded four-sided Greek Revival house in the South has possibly never been surpassed in terms of making the southern climate livable. But the forms derived by earlier builders quite often need reinterpretation . . . and this is the underlying thought behind this structure.”

The house, designed for a couple with



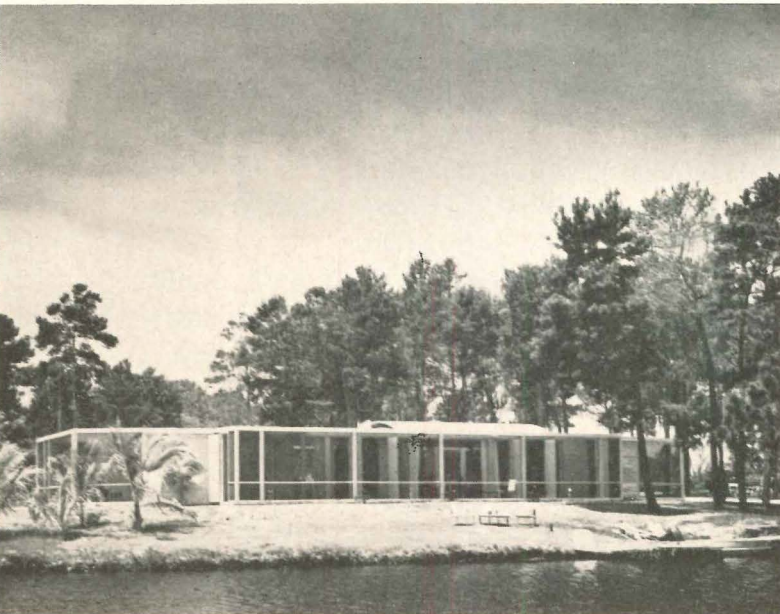
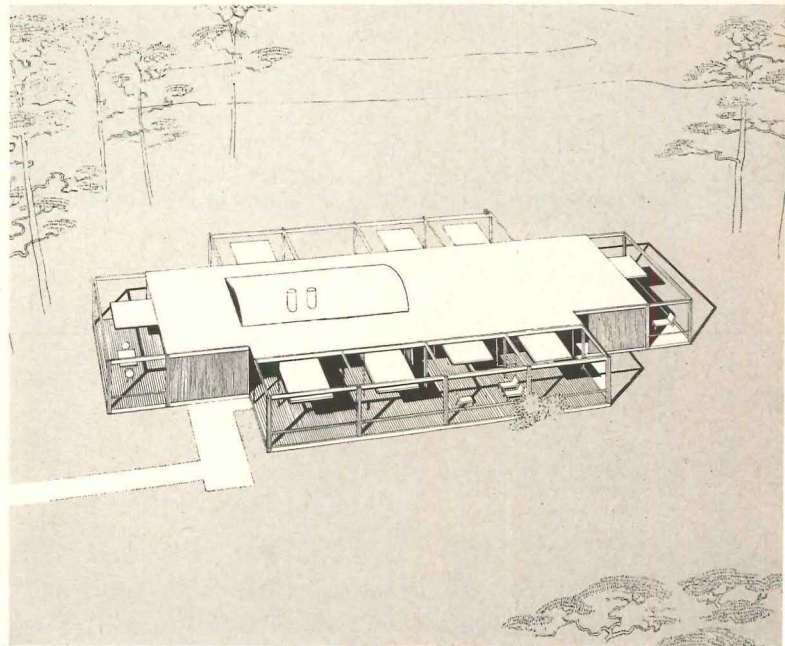
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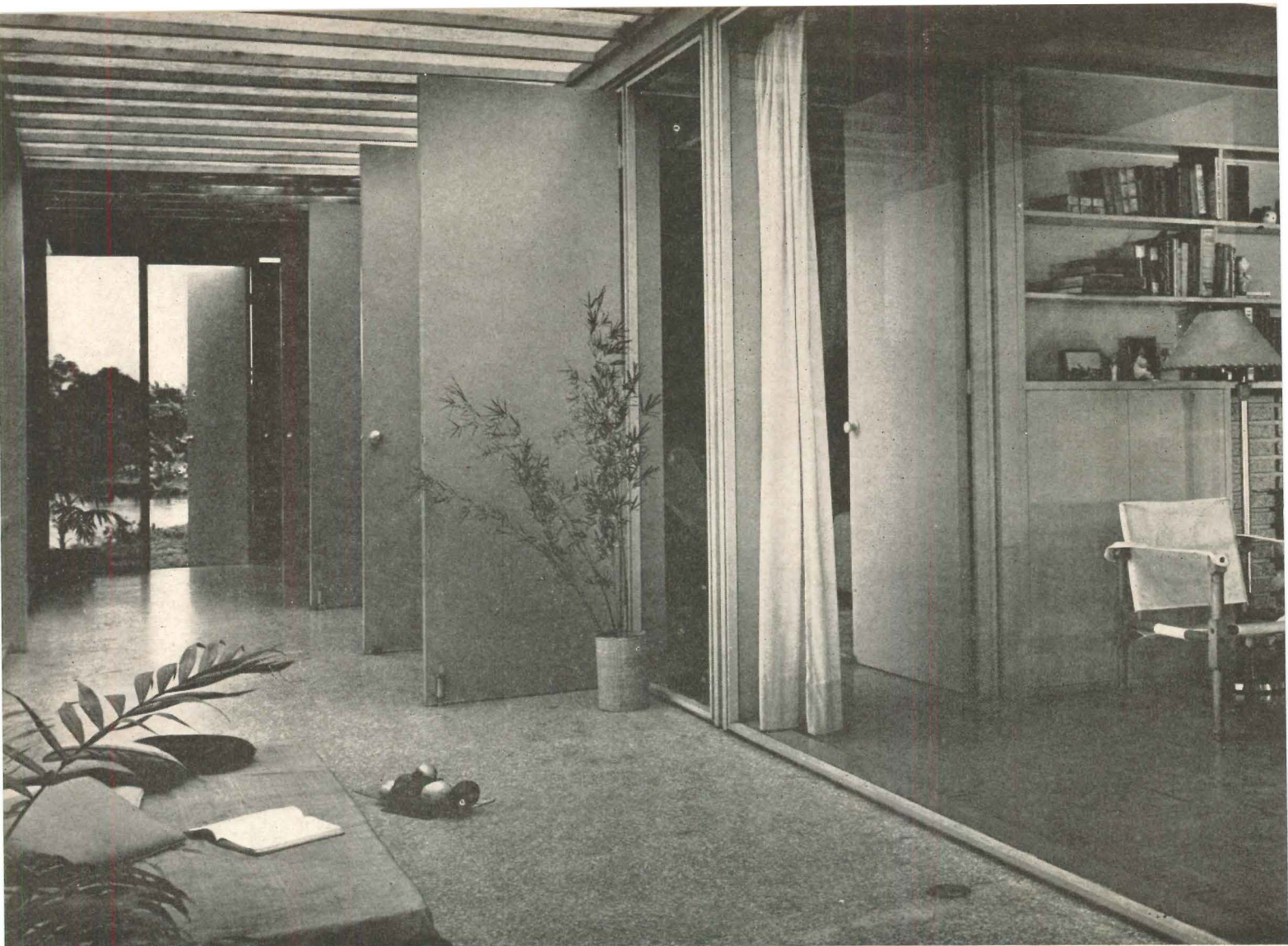


## FIVE HOUSES

### 4. RUDOLPH

*Located on the west coast of Florida, south of St. Petersburg, the house is almost on the water's edge to take full advantage of a sweeping view and the prevailing breeze. The original plan for ventilation—the series of horizontal pivoted flaps shown in the drawing below—was abandoned in favor of less expensive doors. Simple detailing, avoidance of expensive construction materials, and an uncomplicated plan resulted in a remarkably low total cost*





William Amick

one child, is a simple rectangle with screened porches on all four sides. The living room extends the full width of the house and has a plywood vaulted ceiling to "pull the space together" and give it a sense of enclosure which, the architect says, "a room with openings on two sides often seems to lack."

The porches are covered with natural vinyl plastic sheets which allow a soft light to filter through. Two of the four serve as entertainment areas (the one to the south for winter use), one is the daughter's special territory, and the last

is the traditional service porch. Both the latter were especially requested by the owners.

Ventilation originally was intended to be through horizontal pivoted flaps (see sketch on preceding page), but flush panel doors, floor to ceiling, were substituted for simplification of detailing. The openness of plan ensures adequate ventilation regardless of wind direction.

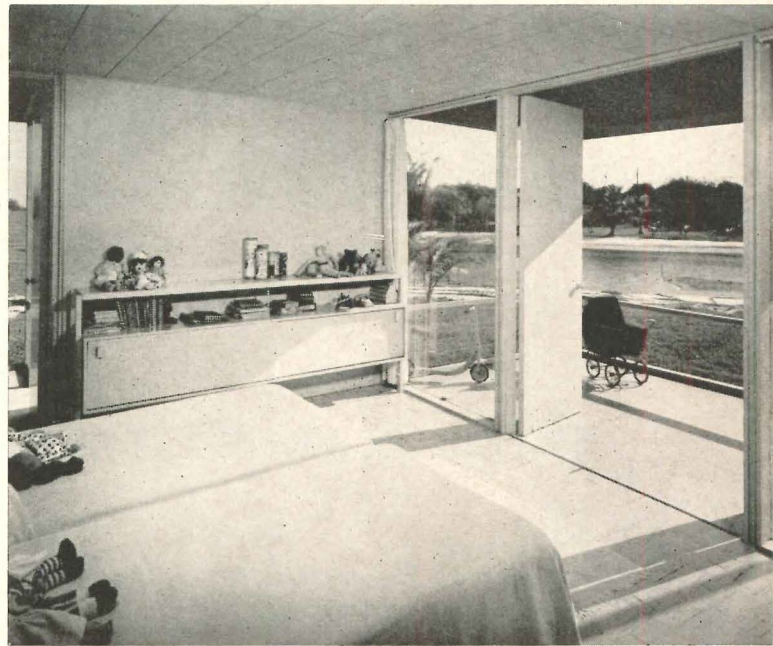
Construction is dry wall with a plywood ceiling covered in the living-dining area with pandanus cloth. Porch floors are asphalt tile.



FIVE  
HOUSES

4. RUDOLPH

*The hinged ventilation flaps which the original design called for undoubtedly would have been more attractive and less space-consuming than the many doors, but the doors work equally well: when they all are open the breeze can blow straight through both living-dining room and master bedroom, which are flanked by the two long porches. The child's room has cross-ventilation and its own porch, as does the spacious kitchen at the opposite end of the house*



William Amick

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