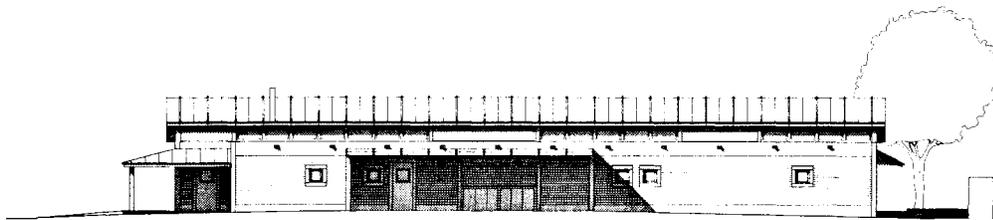
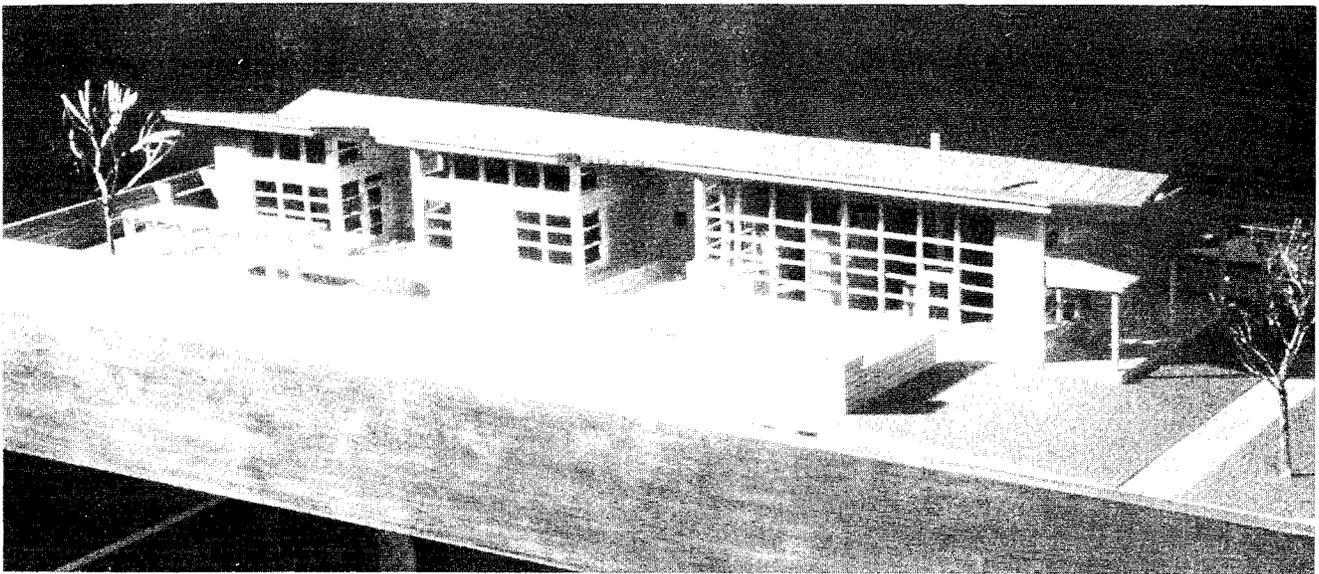


# Case Study House: Comfort and Convenience

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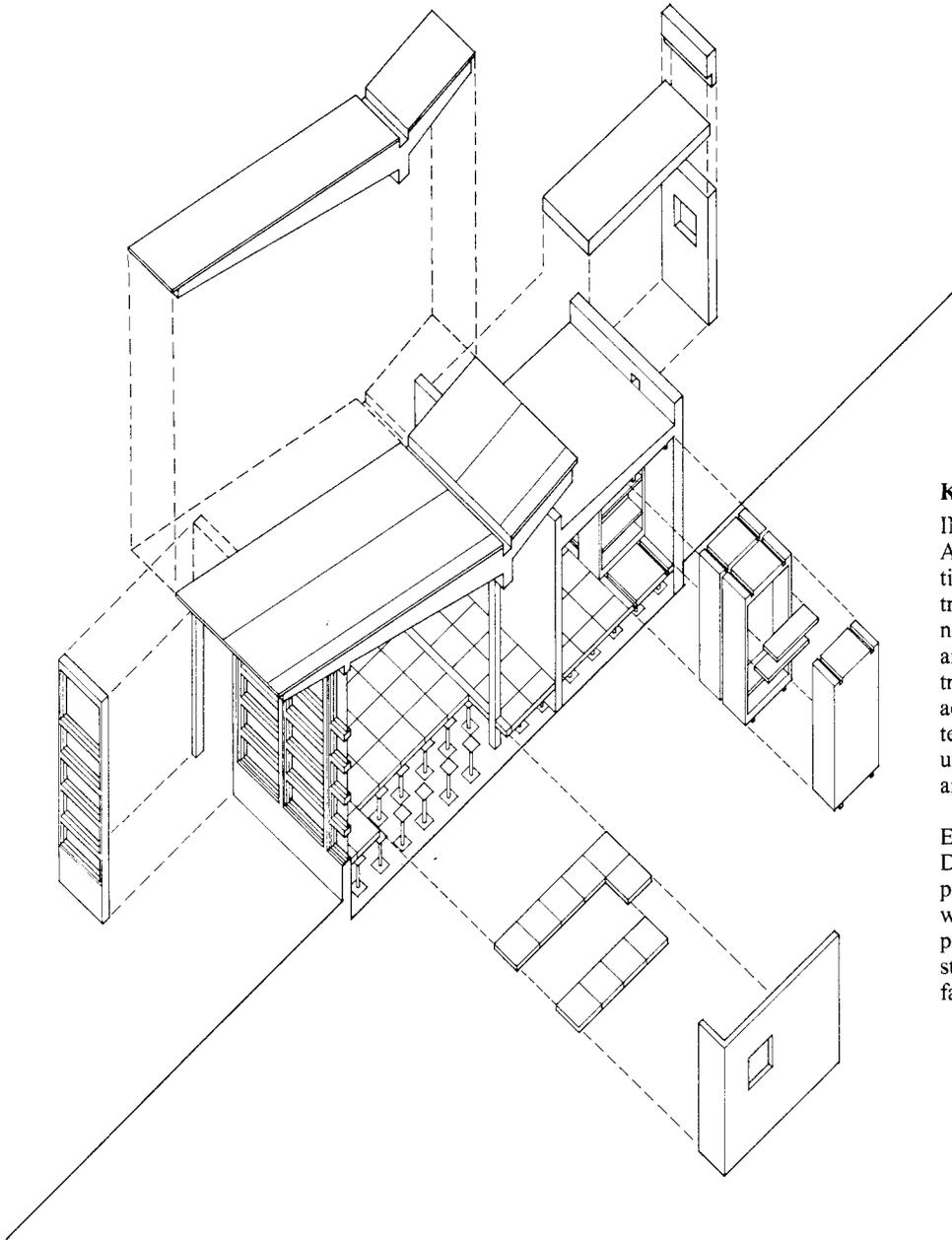
North Elevation



Produced as a part of the "House Rules" exhibition at the Wexner Center for the Arts, this project considers the design of a house in relation to the need for both community and privacy inside and outside of the dwelling unit. Starting with questions about what affords physical and psychological comfort in one's private realm, the author, in conversation with Ellen Lupton, recognized the pairing of comfort with convenience historically in the single family home. The visual presence of belongings and mementos may bolster some residents, while the hidden organization of goods placed according to frequency and location of use may comfort others. Although shown here in fixed form, the house offers stability and flexibility, as well as comfort and convenience

to its varied occupants. Factory-built components are assembled on site with the possibility of repeated revision. Production methods found in commercial and institutional architecture are transferred to the domestic environment.

The design of the single house reflects a consideration of the lot as a piece of the fabric of a neighborhood, where issues of privacy and community are used to determine guidelines for zoning. Here the ranch house and trailer house models have been reconsidered in terms of both interior space and relationship to the lot. By layering private (dense) to public (less dense) areas of the house from north to south at the center of the site, and by maintaining a single story, each house is assured a maximum level of privacy if desired. A

**KEY****INTERIOR COMPONENTS**

A. Raised access floor. B. Interior partition system: visually and acoustically transparent, translucent, or solid. Cabinets and shelving components can be added and changed easily. All plumbing, electrical and mechanical services use the accessible floor and interior partition systems for distribution. C. Compact storage units for items accessed seasonally or annually.

**EXTERIOR COMPONENTS**

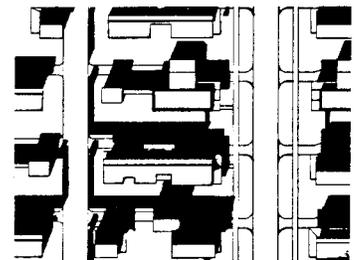
D. Solid structural insulated wall and roof panels: high insulating value combined with structure and sheathing. E. Transparent, translucent, or internally louvered standard window units ganged together in factory to be installed on site.

single story model was seen to serve the needs of the wheelchair bound, an aging population, and families with young children. Canonical icons of domesticity and security (front porch and fireplace) provide psychological comfort, as considerations of heat and light provide physical comfort.

A decrease in the size of the lot allows a service alley and tree belt to become part of the public space of the community. The layering of the neighborhood is mimicked on the lot, with a potentially continuous drive on its north side. The linear nature of the house and siting, and the flexible nature of the construction allow the possibility of conversion to more than one dwelling. Zoning considerations include a notion that no house should cast a shadow onto another house.

**PROJECT CREDITS**

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Neighborhood Plan, DEC 21, 3 PM