



VIEW FROM SOUTH



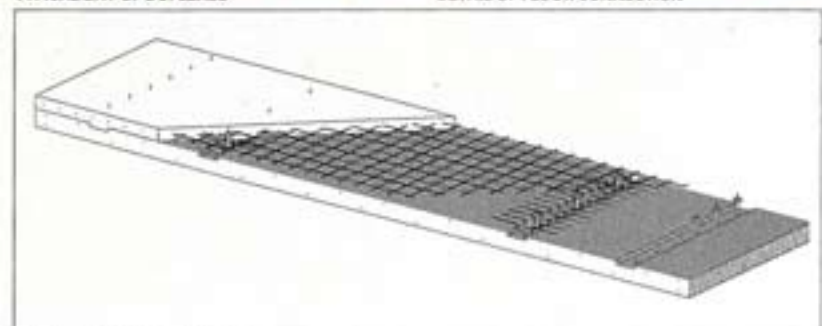
VIEW FROM EAST



TYPICAL BAY OF DUPLEXES



DETAIL OF FLOOR CONNECTION



AXONOMETRIC OF FLOOR SLAB



PREFABRICATED SECTIONS

Gilamont Village **Vevey, Switzerland** **Bellmann + Pedrolini Architects**

An ingenious prefabricated system of wood and concrete distinguishes the Gilamont Village apartment complex in Vevey, Switzerland, designed by Montreux, Switzerland-based architects Gilles Bellmann and Michel Pedrolini. Nine bays, three of which are still under construction, house 6 duplex apartments each.

Fan-shaped in plan, each five-story volume rests upon a concrete base housing a garage. A continuous, glazed corridor on the northeast side

of the complex gives access to the southwest-facing apartments.

Floors are composed of pine beams laid side by side and nailed together to form a continuous slab (above), covered with a nonstructural layer of concrete for acoustic dampening and fire protection. The wood and concrete are joined with flat-headed metal rods imbedded in the wood slab. The slabs, capable of spanning distances of up to 45 feet, are left exposed to form the apartments' ceilings. The system is also used to form the loadbearing walls between units; each wall is composed of a pair of wooden slabs sandwiching a layer of concrete.

Prefabricated House Prototype **Fox Island, Washington** **Anderson Anderson Architects**

Le Corbusier's Maison Citrohan is updated for the contemporary Pacific Northwest in Anderson Anderson Architects' prefabricated house prototype in Fox Island, Washington. However, this "highly rational mass-producible house" substitutes the domino structural system of *pilotis* and concrete slabs with a balloon frame of standard-dimension lumber.

The main living space and bedroom are separated by a staircase and entrance hall. Above the living

room, a sleeping loft floats on beams that span the full width of the 1,200-square-foot house. The structure extends over the garage.

Materials were chosen for their economy, availability, and ease of transport. The structure consists of 8-foot-wide individual sections of 2x6 framing sheathed in 1/2-inch-thick plywood (above). The sections are clad in inexpensive overlapped strips of granulated-asphalt roofing with sheet-metal expansion joints. The curved roof is clad in galvanized steel. Standard aluminum-framed windows are bolted to the outside of the wood frames, rather than recessed into them.