



BUILDING TYPES STUDY: BUILDINGS FOR INDUSTRY

# ARCHITECTURAL RECORD

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## TEXTRONIX INCORPORATED

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This plant for Tektronix, Incorporated (a major manufacturer of electronics items) is the first building on the company's new 240-acre site in Wilsonville, Oregon. A similar size site in nearby Beaverton already accommodates two and a half million square feet of exceptionally high quality buildings by the same architects, the Zimmer Gunsul Frasca Partnership, who are also currently engaged in a master planning study for Wilsonville to determine the best course for its future development. The vast 250,000 square feet of the new building are designed for seemingly conflicting criteria: maximum flexibility in open floor areas, and a need for human scale for the workers. To achieve the latter goal, the architects have divided the basic employee amenities—such as rest rooms and canteens—into a number of units located around the perimeter of the manufacturing spaces. Each one of these units has windows and doors opening onto outside

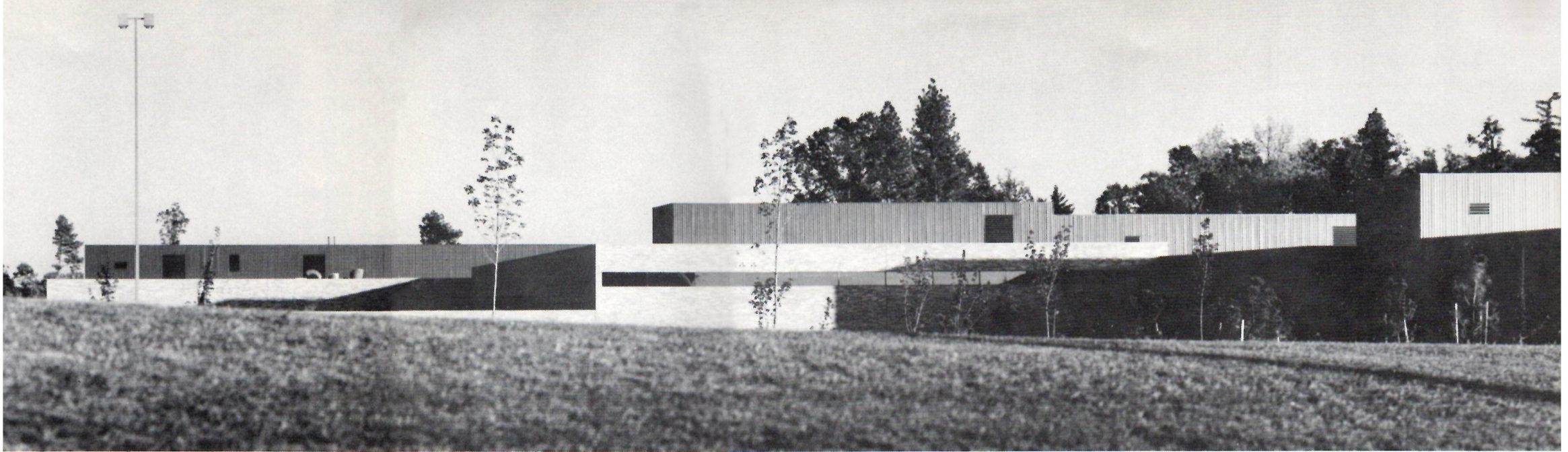
terraces (see photos overleaf and above). Between units high mechanical equipment enclosures stretch across the open floor spaces to provide visual variety and quick identification of the units' locations (see isometric overleaf).

The structure of the \$6-million building is a combination of steel columns, concrete walls, and concrete and glue-laminated wood beams. The floor and roof decking are wood, and the structure is sheathed with brick. A "low-profile" image from the highway has been established with earth berms and planting.

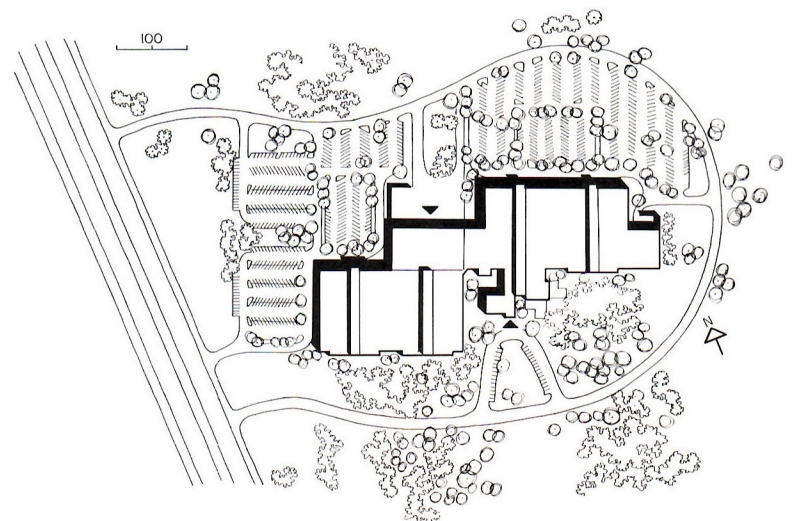
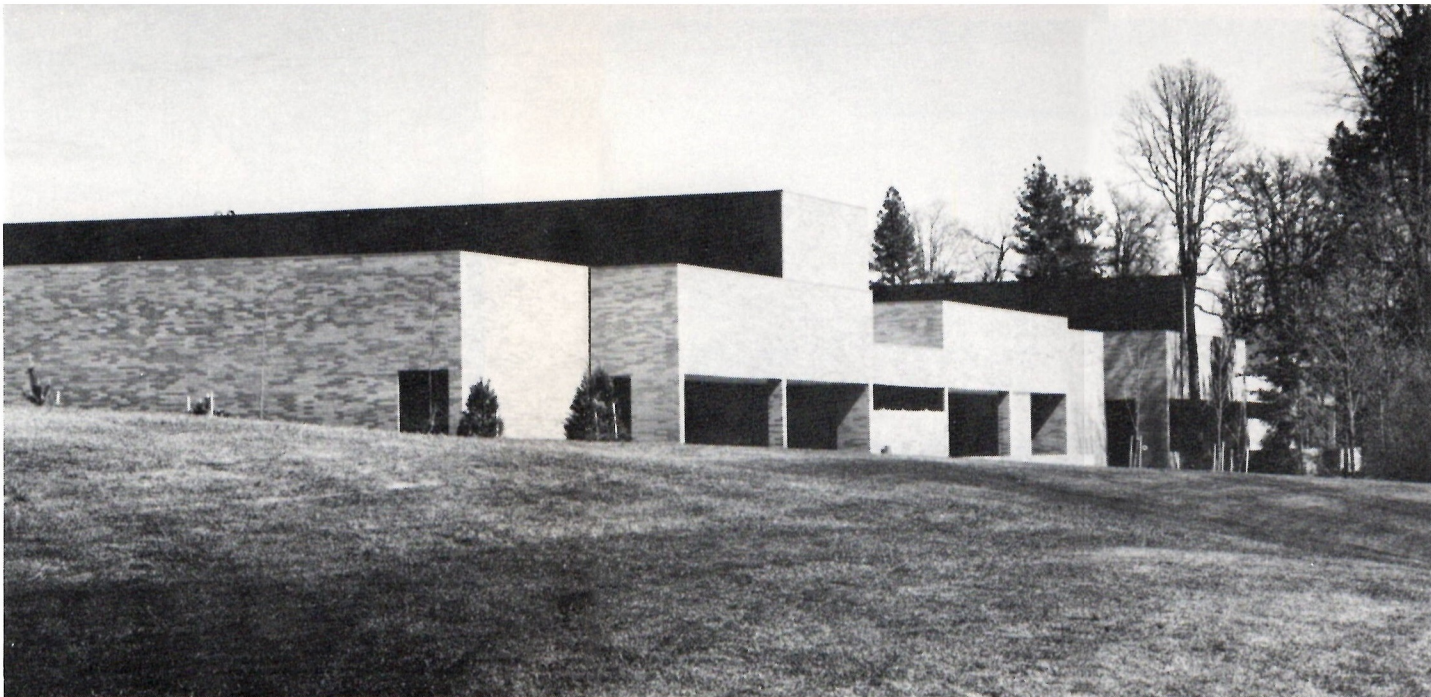
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GENERAL PURPOSE BUILDING 60, Wilsonville, Oregon. Owners: *Tektronix, Inc.* Architects: *Zimmer Gunsul Frasca Partnership*. Engineers: *Shannon & Wilson, Inc. (foundation/soils); C.W. Timmer Associates, Inc. (mechanical); CH2M/Hill (electrical)*. Consultants: *Mitchell Associates Planning (landscape); Jim McConnell (food service)*. General contractor: *H.A. Anderson Company*.





*Ed Hershberger photos*







The large manufacturing areas are divided into two parts separated by a warehouse (top of left-hand part of isometric opposite). The principal circulation is along the perimeter walls. The working environment for the employees is enhanced by numerous terraces adjacent to canteens and rest rooms. The many entrances from these terraces provide a more human scale, despite the size of the spaces inside. These large spaces are visually broken down from the exterior by the high mechanical equipment enclosures, which run across the building and join units of rest rooms and canteens—or a unit and the offices in one case (see isometric).







*Ed Hershberger photos*

