

Approval awaited for Microelectronics building

Construction of the Microelectronics building (59) is expected to begin this spring, pending approval of design from state and local regulatory agencies.

Gary Bail (Area Facilities manager) said the four-level structure will be located in the open area between the Operations Center (55) and the fire station, Washington County District No. 1. The road from Jenkins Road, just east of the fire station, bisects the site, and will be relocated to the west when construction begins.

Two levels of the building will be operational, the other two will be mechanical mezzanines to allow maintenance and modifications to systems without disrupting operations. Catwalks in the mezzanines will allow access to wet, dry and electrical systems.

Gross square footage of the structure will be about 205,000 square feet, and the building will be about as tall as the Tech Center (50). Horizontal dimensions are 240 by 420 feet.

Microelectronics groups now in Electron Devices (48) and the Tech Center will occupy the new building. The tentative target date for moving in is January, 1980.

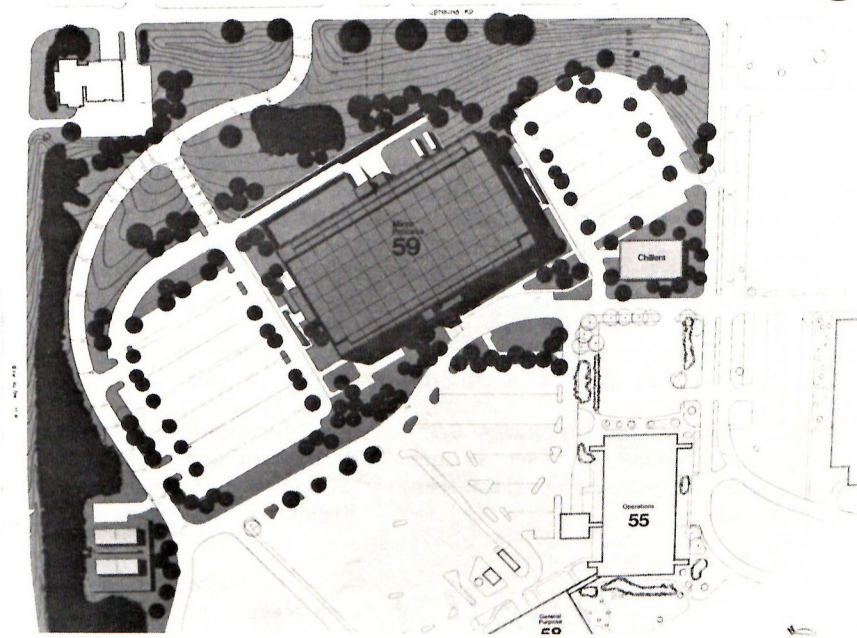
Gary said "fast track" construction is being considered to permit the company 1) to dovetail operational space needs, and 2) to take advantage of this year's construction season.

The Microelectronics building will have a brick facade, similar to other Tek buildings, with metal siding on the north and south sides to allow access to mechanical equipment, including air supply and exhaust units.

Since microelectronics operations are very sensitive, extra design precautions have been taken by the architects, Zimmer, Gunsul, Frasca Partnership, to provide a minimal vibration in the structure.

A chiller building and cooling towers will be constructed at the same time. This project will support cooling needs of the Microelectronics building and also provide energy savings and backup to other campus buildings. A future article in *Tekweek* will describe features of this system.

Assisting Gary are Mike Walsh, on-site manager, and Jack Duff, project manager for the chiller buildings. Mike will be building superintendent when construction is completed.



TEK'S NEW MICROELECTRONICS building (59) is due for construction this spring, with occupancy planned for January, 1980. It will be as tall as the Tech Center (50), not counting the fifth level cafeteria. Diagram shows the building site, located between Murray Road on the west and Blumlein Road on the east.

