

# sciences . . .

The six biological departments housed in the center designed their own quarters to a great extent. The architect for the project, Mr. Bill Nieman of the DPW, worked quite closely with the departments in designing facilities.

The departments were given almost everything they asked for, except the amount of space was restricted, said Mr. Nieman.

In a conducted tour of the building he pointed out prominent features of the structure.

The building has two main entrances, one on the southeast on the Microbiology wing and another on the south-west Genetics wing. These will handle major traffic of students coming for labs or lectures on the first and second floors. The Psychology wing has a separate entrance to the north. There is also a tunnel for students connecting the physics building (PC 126) with the below-grade first floor of the Microbiology wing.

A cafeteria is located close to each of the entrances.

The building is "designed so the bulk of the students will never have to use an elevator," said Mr. Nieman.

The first and second floors of the center wing will contain lab space for 500 students. Each of the 20-24 labs will have closed circuit TV used to demonstrate the professor's experiments to the students.

These labs are modelled after those in the print shop. The print shop labs tested the basic design before it was applied on a large scale in biological sciences.

The building has lecture space for over 1,000 students in 31 classrooms of widely varying sizes. All the classrooms are on the first and second floors.

There are many elaborate facilities for the departments ranging from an aquarium room to a complete environment-controlled lab, which can simulate almost any conditions.

The aquarium needed "fantastic mechanical equipment," said Mr. Nieman.

Other facilities include a meteorology observation station on top of the Zoology tower, soil bunkers for storage of material for the greenhouses, a television studio, electron microscope equipment and many specialized laboratories.

A greenhouse will be located on top of the centre wing. Two greenhouses were planned originally, one for the north and one for the south side, but the north-facing facilities were eventually scrapped to reduce cost.

Bio-sciences information will be stored in a library on the fourth floor of the same wing.

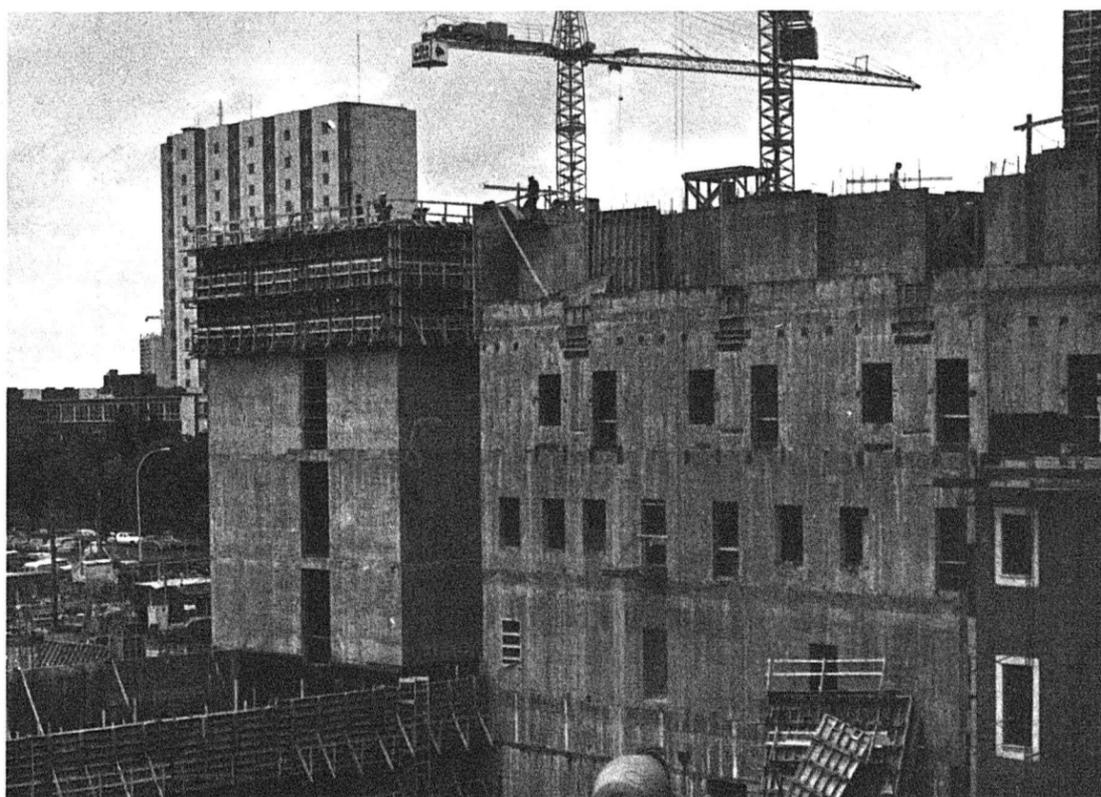
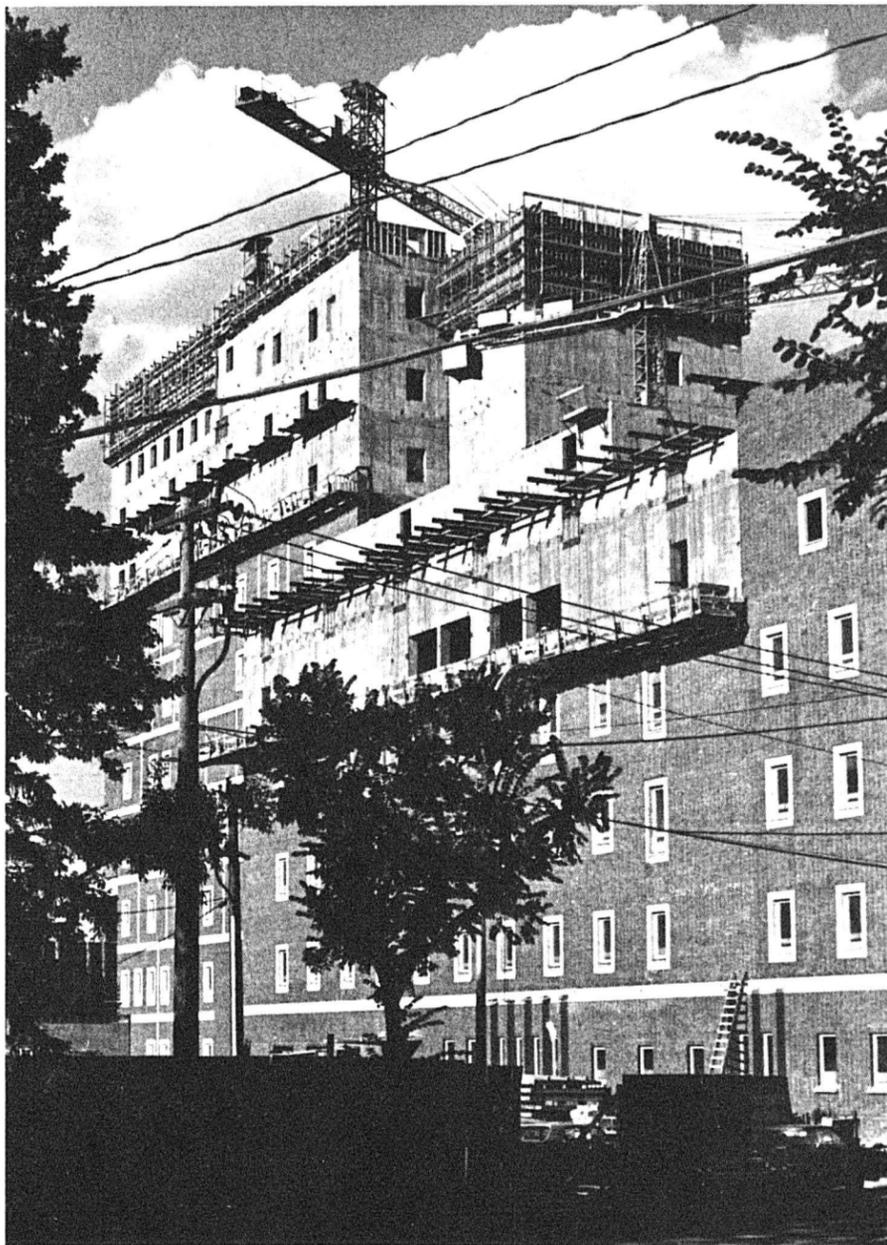
Mainly support facilities for the labs and specialized machinery have made the building such an expensive one.

The water supply for the building two-foot diameter pipe—could supply the needs of a town of 1,500. The pair of air-handling units are so large a house could easily fit into each one of them.

The ceilings in the halls are so crammed with pipes the halls begin to look more like tunnels. The entire basements of three of the wings and most of the basements of the other three wings are filled with mechanical and electrical equipment.

There seem to be at least a few people with confidence in the building.

The dean of science Dr. D. M. Scott is moving into the building as soon as it is completed. He'll have his offices and the offices of the faculty of science on the second floor of the centre wing.



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