



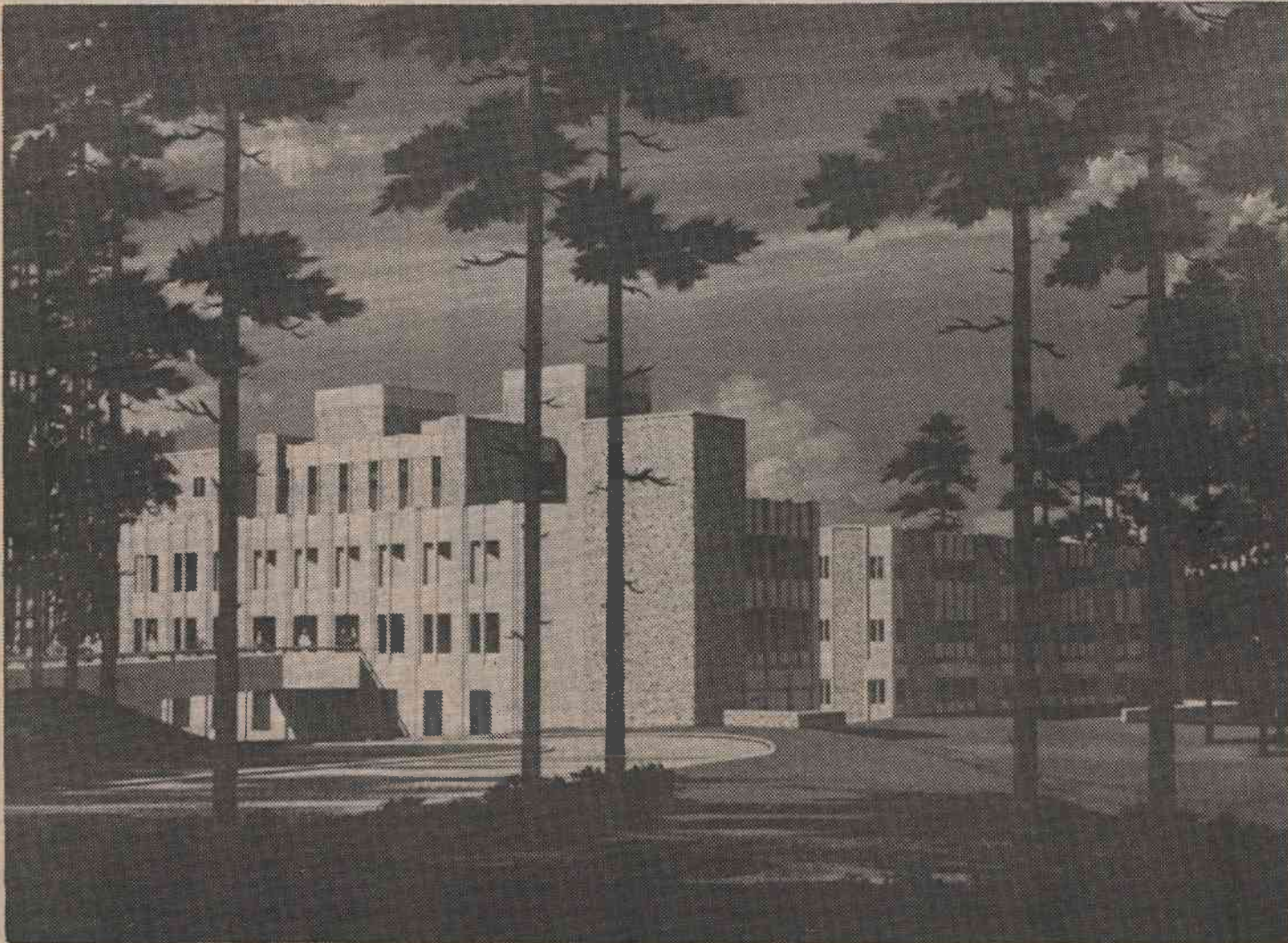
# Intercom

duke university medical center

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**ON THE DRAWING BOARDS**—This is an artist's concept of the cancer building to be erected beside Clinical Research III by the end of 1977. The facility will house cancer clinics and "will make the latest methods of cancer detection available to more individuals," according to Dr. William W. Shingleton, director of the Comprehensive Cancer Center. Among the innovations it will incorporate is a supervoltage linear accelerator for more effective radiation therapy. The building is expected to cost approximately \$6 million and the National Cancer Institute has already pledged \$4.24 million of that.

## Sophisticated Treatment Center

# New Cancer Building Announced

Construction of a \$6-million cancer treatment building at the medical center is expected to get under way in the next few weeks.

Dr. William W. Shingleton, director of the Comprehensive Cancer Center, said site clearing for the four-level facility could begin this month following opening of construction bids early last week.

The building is expected to be completed by the end of 1977 and will be the last of three new buildings which will comprise the regional cancer center.

Low bidder for the project was the Robert H. Pinnix Co. of Gastonia. Duke will draw up a final contract with the company over the next two weeks, according to Louis E. Swanson, director of the Medical Center's Planning Office.

The National Cancer Institute granted up to \$4.24-million for the building. The medical center will make up the remaining costs.

Bringing together most of Duke's clinical cancer specialists under one roof, the structure "will make the latest methods of cancer detection and treatment available to more individuals," Shingleton said. As yet unnamed, the building will be added onto the northwest wing of the existing Duke Hospital and will contain more than an acre of usable

space.

Cancer clinics are now scattered throughout the medical center, often in cramped quarters. This limits the number of outpatients who can be treated, Shingleton said.

More than 1,000 cancer outpatient treatments a week will be possible in the new facility, up from the nearly 650 treatments now given every week at Duke.

The new building also will make treatment more convenient for patients getting two or more types of therapy, such as drugs with radiation. These patients now may have a long walk between treatment areas, Shingleton said. In the new structure, they will simply step on an elevator in one clinic and step off in another.

One floor will be reserved for patients getting treatment for tumors, Shingleton said. Another floor will be set aside for patients with leukemia and lymphoma—cancer arising in the lymph nodes. Patients getting radiation therapy will be treated on yet another floor.

Eventually the building will house one of the most powerful radiation devices on the east coast, Shingleton said. This device—a supervoltage linear accelerator—produces both X-rays and electrons, giving radiation therapists a sharper beam, deeper penetration of tissues and better

depth control. Three smaller accelerators will round out the building's radiation therapy floor.

Located on another floor will be 20 single rooms for inpatients taking part in cancer research. Now, Duke has eight beds for such patients.

The cancer center's tumor registry—a computerized profile of all Duke cancer patients—will occupy part of the same floor. Also planned is space for cancer center faculty members designing educational programs and studying cancer risk factors.

Two more floors could be added to the structure later, according to Swanson.

The new building will be the third in the Comprehensive Cancer Center complex. A \$1.8 million animal isolation facility opened earlier this year. It gives researchers a safe place to work with hazardous viruses and protects experiments from contamination by stray viruses.

Later this month, faculty members will begin moving into the center's second structure—the \$6.9 million Edwin L. Jones Cancer Research Building. It will become the cancer center's headquarters and will provide research space for scientists studying immunology, cell biology and viruses.

## Nurses To Examine Gerontological Care

The Beta Epsilon Chapter of Sigma Theta Tau, the national nursing honorary society and the Duke Nursing Alumni Association will co-sponsor their third annual symposium next Friday, Nov. 21.

The symposium, entitled "Trends and Advances in Gerontological Nursing," will be an all-day affair featuring seven speakers. It will be held in the Ann M. Jacobansky Auditorium in the new addition to the School of Nursing. The public is invited, and except for the luncheon, there is no charge.

The program schedule is as follows:

—8:15-9:15 a.m., Registration and Coffee.

—9:30-10 a.m., Overview of Topic, Dr. Virginia Stone, professor of nursing.

—10-11 a.m., Gloria Meyer White, B.S.N., Organizer of nursing home volunteer visitor program, Ft. Smith, Ark. *Topic:* "Project Compassion."

—11 a.m.-Noon, Eric Pfeiffer, M.D., professor of psychiatry, associate director for programs, Center for the Study of Aging and Human Development, *Topic:* "Current Goals and Research in Gerontology."

—12:30-1:30 p.m., Luncheon, Old Trinity Room, West Campus Union. (A bus will be provided).

—2-3 p.m., Janet Gelein, B.S.N., M.S., assistant professor of nursing, *Topic:* "Death and Dying."

—3-4 p.m., Anne Mandetta, B.S.N., M.P.H., lecturer, and Nancy Woods, R.N., M.S.N., assistant professor of nursing, *Topic:* "Human Sexuality and the Aging Process."

## Ann Landers Address Slated

Ann Landers, the nationally-syndicated advice columnist, will be guest speaker for the Director's Hour Lecture on Thursday, Nov. 20, at 5 p.m.

Her talk, scheduled to be held in the Hospital Amphitheater, is open to the public without charge. Admission to the Amphitheater will be on a first-come, first-served basis since seating is limited.

Ms. Landers accepted the invitation to speak from Dr. Jay Arena who met her on an American Medical Association-sponsored trip to China last year. On several occasions in the past, the columnist has consulted Arena who is professor of pediatrics here, and an expert on accidental poisoning and vitamins.

Ms. Landers will also be the after dinner speaker at a \$50-a-plate invitational cocktail and dinner party sponsored by the hospital's auxiliary. The purpose of the dinner, which will include Governor James Holshouser and University President Terry Sanford as guests, is to raise money for Duke's Comprehensive Cancer Center.