

WILL BE 30TH BUILDING

Full Cooling In Nagle Coming

A rush of cold air through new ducts sometime in August will herald a milestone in the A&M air conditioning program.

Turning on the complete system in Nagle Hall will make it the thirtieth fully air conditioned building on the campus, Howard Badgett, manager of the Office of Physical Plant, said.

TWENTY-TWO of the buildings are classroom and laboratory buildings. Others include the Memorial Student Center, Cushing Library, the System Administration and the Coke Buildings, and the A&M Press.

Much of the work has been done within the last five years.

"Almost 100 percent of the departments had air conditioned facilities for this summer," Registrar H. L. Heaton said.

Contracted under a \$4,700,000 program is the construction of three air conditioned dormitories and extensive renovation, including air conditioning, of four existing dormitories. The dorms will provide housing for approximately 2,120 students and will be ready for occupancy in about a year.

The School of Veterinary Medicine's new trimester program, assuring year-round studies, and the increased summer enrollment means more and more students benefit from the air conditioning.

Badgett said some of the first air conditioning on the A&M campus came immediately after World War II in research labs.

It was less than 10 years ago that the library building and the

new wing of the Chemistry Building were air conditioned. They were the first student-used buildings to have the improvement.

THE CAMPUS Power Plant furnishes the "air conditioning" in summer and the heat in winter.

Air conditioning of Nagle Hall, Fernier Hall and the two buildings housing veterinary medicine classes and labs is being done

by W. E. Kutzschbach Co. of Bryan under a \$434,000 contract.

Work on all except Nagle Hall was completed by June. Badgett said Nagle Hall, due to heavy classroom assignments, could not be made available to the contractor until June.

The Nagle Hall air conditioning will be turned on in segments as segments are completed.



New Elementary School

Three A&M architects study a model of proposed school for the Caldwell School System. From left are William G. Wagner, Ben Evans and James H. Marsh III.

Architects From Here Will Plan New Caldwell School

CALDWELL — The Caldwell School Board has announced acceptance of a report by the Architectural Research Group at A&M outlining the feasibility of Lift-Shape construction of a proposed elementary school.

E. E. Johnson, board president, added that Watson-Wagner Associates of College Station have been named as architects for the project. The architects will design the final building based on data submitted in the report.

THE CALDWELL trustees earlier this year received a grant from Educational Facilities Laboratories, Inc., of New York to work with A&M research architects in studying the possibilities of Lift-Shape school construction.

Lift-Shape process is a method of constructing a thin concrete shell building by fabricating a "spider web" of steel rods on the ground. The frame work is then lifted into position and sprayed with concrete.

Inventor of the process is James H. Marsh, III, a member of the A&M architectural research group. Ben H. Evans, coordinator of A&M's architectural research, said the preliminary study indicates Lift-Shape would offer Caldwell schools several advantages over conventionally-constructed buildings.

"Preliminary plans show construction costs will be substantially lower for comparable schools built by conventional processes," Evans stated. "A closer study of costs will be made by the architects after final plans and specifications have been prepared."

A&M Study Finds Structural Data For Steel Beams

Design data for accurate reinforcement of structural steel beams have resulted from research at A&M College's Engineering Experiment Station.

Dr. E. P. Segner, Jr., on a project sponsored by the Institute of Steel Construction, discovered a method for determining the amount of reinforcement required for rectangular openings in wide flange beams for varying combinations of stresses. The method considers points of contra-flexure at the openings and has been proven with sample beams in the laboratory.

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AT THE SAME time, Evans pointed out that the building will be highly functional, and operation costs and insurance rates will be "reasonably lower."

The initial building model calls for five teaching spaces and upstairs resource center for instructional or study aids. The classroom sizes may be varied to accommodate different groups. Capacity is 120 to 150 students.

The building has a thin concrete

roof, 110 feet in diameter and umbrella shaped. The roof structure is the same as one constructed earlier in Hensel Park at College Station.

Other advantages of the building are offered in natural lighting and natural ventilation techniques.

Education Facilities Laboratories has worked with A&M architects on several other projects, including the original research on the Lift-Shape technique.

Beef Cattle Short Course Ends Wednesday At Noon

A&M's 13th annual Beef Cattle Short Course ended at noon Wednesday after a two and a half-day run. The event was sponsored by the Department of Animal Husbandry.

About 400 cowmen attended the meet designed to bring them up to date on latest beef-producing trends and problems.

The busiest speaker at the conference was Dr. Irwin Allen Dyer, professor of animal science at Washington State University, who made four talks, including a graduate lecture.

Dyer discussed recent developments in beef cattle nutrition, the use of enzymes in rations for fattening cattle and the use of electronic computers in balancing cattle rations. He also showed the effects of certain antibiotics on intestinal microbes in swine.

His graduate lecture, heard Wednesday night, was titled "Nutritional Implications in the Etiology of Bloat."

Also featured at the short course was Charles Ball of Dallas, regional editor of "Farm Journal" magazine, who spoke on sale of beef breeding stock.

Smoked Hams advertisement with prices for Shank Portion, Half or Whole, Butt Portion Ham, and Center Slices/Center Roast.

Coffee and Jell-Well advertisement with prices for Maxwell House All Grinds and various Jell-Well flavors.

Safeway advertisement for ARK PEACHES at 9¢ per lb.

Food store advertisement listing prices for TOMATOES, CREAM STYLE CORN, EARLY JUNE PEAS, PINEAPPLE JUICE, and PRESERVES.

Food store advertisement listing prices for CANNED MILK, DETERGENT, and ICE CREAM.

Food store advertisement listing various 50 FREE GOLD BOND STAMPS offers.