# M-DJC South Campus: Shape of the Future

By PETE MANN

Designing Miami-Dade Junior College's South Campus, slated to open in September 1966, offered a chance and a challenge to both educational and architectural planners.

The chance: To take the "virgin territory" of a 180acre site, dotted with sabal palms, palmettos and Caribbean pines, and transform it into an attractive and functional center for higher learn-

The challenge: To provide flexibility and permanence, unity and diversity, invitation and isolation simultane-

The planners think they have found the answers. Announcing the \$7.8-million "first phase" of construction, they gave several indica-

tions of how.

Architects for the campus, at SW 112th Ave. and 104th St., are Pancoast, Ferendino, Grafton & Skeels, who were the master planners for M-DJC's North Campus, too. Working with M-DJC's Projected Enrollment

	-		
	N. Campus	S. Campus	Total
1966	8,605	4,550	13,155
1967	9,384	5,086	14,470
1968	9,561	6,268	15,829
1969	10,420	7,151	17,571
1970	11,587	7,916	19,503

Figures based on students taking credit courses only. Non-credit students have not been projected. M-DJC officials expect the North and South Campuses to be equal in size by 1985.

director of planning and development, Don Bulat, and the man who appears likely to head the South Campus, Dr. Robert McCabe, they hit upon several design principles for the campus. Among

WHEREVER possible, natural growth will be preserved and new landscaping will be carefully planned to blend with it.

BUILDINGS will be grouped around plaza-like open spaces which will be inviting, while the structures

themselves will be "necessarily introverted," as Lester Pancoast said, because they will be air-conditioned and virtually windowless.

PARKING lots will be outside the academic areas, so that all traffic through the heart of the campus will be pedestrian. But walking time to the central point will be no more than five minutes from any parking space.

ROADS will be peripheral, with a four-lane artery feeding the parking lots and another serving such essential on-campus traffic as service cars, visitors, faculty members and buses.

INTERIORS of the buildings will be unusually flexible in that only the outside walls will be "bearing walls" (that is, necessary to support the structure) and other partitions will be removable or adjustable.

EXTERIORS will be simplicity itself in design, but they will provide a feeling of Additionally, permanence. the use of a precast stone composition will provide a continuum from one building to another, despite diverse shapes and sizes.

Applying these principles to the first-phase buildings, the architects have come up with three major structures which — on paper and in scale model - indicate the challenge is being happily

The largest - and costliest - of them is the learning resources center. A \$2million, two-story, 128,000square-foot structure, it will serve as library, audio-visual treasure house and largeclass instruction center.

Half of the first floor will be the library, and the other half will be divided into four concentric teaching auditoriums. The second floor will be devoted to specialized audiovisual aids and materials.

When the building opens, it will contain 14 classrooms on the outside fringes of each floor. Later, as other buildings are erected, these spaces will be converted for library use as needed.

Nearby, a three-story, \$1.9-million, 125,000-squarefoot science building will

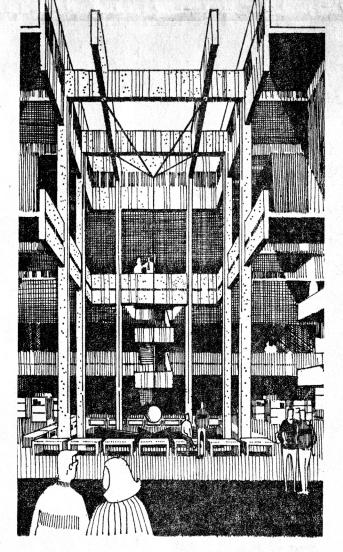
Its first two floors will be devoted to laboratories and offices, the third to class-

To achieve an airy, sunlit effect despite the lack of windows, the first two stories will consist of four separate wings, with open spaces between, and the third story will rest atop them like a tablet on four fat pillars.

A central courtyard will be open to the sky.

Office space in the science building will be devoted primarily to student services such as admissions, registration, guidance, program advisement, testing and student affairs.

Finance offices and



Location of 180-Acre Site for Campus

... now dotted with palms, palmetto, pines

**Cross Section Shows Courtyard** ... proposed science building

SYMMASIUM PARKING: PARKING Û STUDENT CENTER POOL 0 ACADEMIC PLAZA NING RESOURCES UTILITIES DMINISTRATIVE PLAZA

> Architect's Diagram of the Completed Campus ... phase one includes science, learning resources, administration

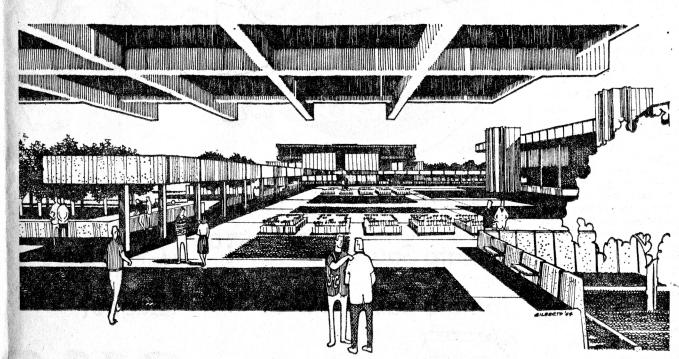
computer laboratories also will be located there.

The third major building will be considerably smaller and less expensive, and it will house administrative offices for both the South Campus staff and the countywide staff of President Peter Masiko Jr.

It will be a one-story, 24,-000-s q u a r e-foot structure costing about \$400,000. Beneath its main floor, the designers have located mechaniand communications equipment rooms to serve the entire campus.

In the first phase, the only other building will be a low-22,000-square-foot, service structure housing air-conditioning, heating and electrical equipment, receiving and distributing areas, duplicating equipment, a central mail room and storage areas.

On a temporary basis, it also will contain a snack bar, showers and locker rooms. These will be replaced in a subsequent phase by the student center, including cafeteria, and a gymnasium.



South Campus Plaza Viewed From Administration Building ... background, center, is science building; at right, learning resources

As designed, the capacity dents. When the total cam- about 6,000. of the first-phase structures pus is completed, as enviwill be 4,000 full-time stu-

sioned now, capacity will be

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