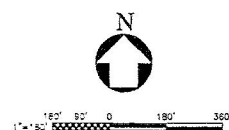




BUILDING KEY	
1	OFFICE / LAB
2	COMPUTER CENTER
3	RESIDENT UNITS
4	STUDENT UNION
5	CLASSROOM / LAB
6	AUDITORIUM
7	LIBRARY

AREA = 75 acres



NC A&T CAMPUS MASTER PLAN UPDATE 2001

MILLENNIUM CAMPUS PHASE 3

M19c

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The plan, as presented here is divided into five phases. These phases represent a planned approach which takes into consideration specific projects in the near term, and potential opportunities for the future. The first phase includes projects that are either currently on the board or those for which funds have already been allocated. They include the Chemistry/Science Building, new student dormitories, and the Hazardous Materials Storage and Handling facility. Later phases identify building opportunities that are either part of the "wish list" discussed by the University, or conceptual elements that further strengthen the campus plan.

Further development near the intersection of Bluford and Benbow Streets expands student service related facilities. These include a Student Wellness Facility with nearby playing fields in proximity to the expanded Tennis Center and a new Student Dining Hall that will provide more casual dining in close proximity to the new residence halls. In addition, the proposed Enrollment Management Service building in Phase 4 will enable demolition of Brown Hall, thus optimizing the openness of the link between the north and south campuses. Buildings designed in this area will enhance the circle at Benbow and Bluford, and strengthen the secondary axis along Bluford Street.

A unifying feature of the Master Plan for the Main Campus is a strategy to improve the identity and image of the campus as seen from surrounding thoroughfares. Identity is achieved through developing gates that mark the points of entry, major and minor, into the campus. These are shown as part of Phase 5, but could be implemented at any point in time. Along O'Henry Boulevard to the east, a screen wall and landscaping are recommended to buffer the effects of the highway.

A second task of the Master Plan develops the Millennium Campus. This initiative creates an opportunity to foster partnerships between industry and the University's technology and agricultural research. The development is located on the University's 567-acre operating farm east of the main campus and is located less than a mile from an I-85 interchange, providing easy access from both Greensboro and the Research Triangle. The development is targeted to develop new opportunities for both research and education in both the private and academic arenas.

The Millennium Campus is developed on 75 acres of land along East Lee Street and is phased with initial construction targeted at attracting interest from the private sector. The initial phase builds Office / Laboratory buildings which will provide a business incubator environment. Adjacent to these, a Conference Center will provide related needs for meeting, dining and both short and long term residence. Utilizing the front acreage along the highway will provide the highest possible profile and identity to the development.

Subsequent phases of the Millennium plan expand the site and the facilities along the highway frontage. In Phase 2 facilities are targeted toward both expanding the presence of private industry, and establishment of initial academic facilities. Buildings include a Library, Classroom / Laboratory buildings and expanded residence facilities. Built incrementally with this phase will be infrastructure for future expansion. As the campus grows, a closer connection will develop between the private sector research, the academic environment, and the operating farm.

## **II. HISTORICAL BACKGROUND**

North Carolina Agricultural and Technical State University was established as the A&M College for the "Colored Race" in 1891. The college operated as an annex to Shaw University in Raleigh, North Carolina from its beginning until 1893. A group of Greensboro citizens donated 14 acres of land for the new college site and \$11,000 to assist in the construction of its buildings. The college opened in Greensboro during the fall of 1893 upon completion of its first building.

In 1915 the institution became known as the Agricultural and Technical College of North Carolina as a result of an act of the State Legislature. In July of 1967, the North Carolina General Assembly voted to elevate A&T to Regional University status. In 1971 the North Carolina General Assembly ratified an act for the consolidation of the institutions of higher learning in North Carolina. As a result, North Carolina Agricultural and Technical State University, hereafter referred to as A&T, became a part of the University System of North Carolina in July 1972. Today A&T's main campus has grown to encompass in excess of 187 acres. A&T also maintains a University Farm that includes approximately 551 acres of land and facilities.

## **III. UNIVERSITY MISSION & GOALS**

As a land-grant public university, North Carolina A&T is committed to fulfilling its...*"Fundamental purpose through exemplary undergraduate and graduate instruction, scholarly and creative research, and effective public service. The university offers degree programs at the Baccalaureate, Master's and Doctoral levels with emphasis on engineering, science, technology, liberal arts, nursing, literature and other selected areas. As one of North Carolina's three engineering schools, the university offers Ph.D. programs in engineering. Basic and applied research is conducted by faculty in university centers of excellence, in interinstitutional relationships, and through significant involvement with several public and private agencies. The university also conducts major research through engineering and its extension programs in agriculture.*

The major goals of the university include the following:

- *To help students to improve their interpersonal and communication skills*
- *To insure adequate career preparation for students which will enable them to lead productive lives*
- *To develop innovative instructional programs which will meet the needs of a diverse student body and the expectations of the various professions*
- *To maintain an environment which fosters quality instruction and encourages the further professional development of faculty and staff which supports the ideals of academic freedom and shared governance*
- *To assist students in developing their powers of critical and analytical thinking*
- *To promote managerial efficiency in all administrative functions including the continued development of operational efficiency and productivity in the accounting and fiscal system of the university consistent with the needs of the various university programs and functions and with the expectations of state and federal regulations*
- *To assist students in developing in-depth competence in at least one subject area for a global economy with changing technology*
- *To aid students in the further development of self-confidence and a positive self image*
- *To identify and secure additional sources for internal and external funds to support the development of competitive financial aid awards to academically qualified students and to needy students*
- *To further develop and maintain the institutional research and planning processes which are necessary for the continued competitiveness, relevance, productivity, and credibility of the university, its programs and its operations*
- *To develop and maintain undergraduate and graduate programs of high academic quality and excellence*
- *To encourage research and other creative endeavors by the faculty and students*



- o *To identify and help to satisfy educational, cultural and other public service needs in the state, nation, and international environment*
- o *To plan, construct, and maintain physical facilities for the achievement of the goals of the educational programs, research, and administrative functions.*

#### IV. THE MASTER PLAN UPDATE

As the University re-continues to grow into the Twenty-first Century, the increase in enrollment, coupled with the ever-changing needs of technology, requires careful strategic planning. In 1995, HSMM prepared a master plan of growth and development featuring strategic planning measures that were established and in many cases implemented. A&T has experienced tremendous growth over the last decade and has come to the dawn of a new beginning. The time has come to re-examine, assess and continue the direction of procession. A&T has employed the planning services of **Hayes, Seay, Mattern & Mattern, Inc. (HSMM)** to once again assist with this endeavor. The resulting A&T Master Plan Update 2001 is contained here in on the following pages.

There are three major determinants which necessitate a plan's revision: 1) Changing conditions, 2) Shifting or available resources, and 3) Goal changes and alterations. Due to the fact that A&T has experienced all of these factors, it is necessary to revise, adapt, and update the previous master plan. The intent of this plan is to focus attention on the process and to create a basis for debate, discussion, and conflict resolution. In order to proceed, an analysis of what a master plan is and how it will assist the University in accomplishing its goals is needed. A master plan is a fundamental guide to the physical development of the University. It can be broken down into four basic components: **statement of goals and objectives, research and investigation, plan preparation and plan implementation.** It is the translation of values into a concept which describes how, why, when and what to build, rebuild, demolish, or preserve. Additionally, the plan should indicate how the desires are to be incorporated and how they are to be implemented within the legal boundaries of the local government.

Universities are unique in that they represent an independent urban environment within the city. From an urban design perspective, planning is a complex process in that it involves many elements, including diverse community interests, the development of interrelated subjects, and the cohesion of interdisciplinary skills. Just as a master plan has individual components, the urban design process typically involves goal and objective formation, data collection and analysis, concept generation and elaboration, evaluation and implementation. So the two processes are similar and forever linked

## **XI. THE MILLENNIUM CAMPUS**

The Master Plan of the new Millennium Campus is a strategic initiative to foster partnerships between industry and the University's technology and agricultural research. The development, on the site of the University's 567-acre operating farm, will provide new opportunities for research and education. The site is located several miles east of Greensboro along East Lee Street, less than a mile west of the I-85 interchange. The site has 2000 feet of frontage to the highway, and is primarily rolling meadow traversed by a stream leading to a wetland in the southeast corner of the site. The buildable portion of the site has been identified as Parcel "A" (45 acres) and Parcel "B" (30 acres). The grade elevations will provide good access and visibility from the highway.

### **A. PHASE 1**

Phase 1 of the Millennium Campus development will construct buildings designed to establish a business incubator environment to attract outside industry. Initial construction will be on Parcel "A" lending the development the highest possible visibility to the public. The initial phase will consist of a pair of two-story laboratory/office buildings situated along the southern portion of the site, bordering East Lee Street. Access will be provided from the highway, through a well-defined entrance gate. In addition to the office buildings, a new conference center complex is proposed which will provide meeting and dining facilities as well as residential units for short and/or extended-term living. The proximity of this development to NC A&T's farm campus will create synergy between the research and academic activities. (See Map M19a)



#### BUILDING KEY

- OFFICE / LAB
- CONF CENTER
- RESIDENT UNITS
- STUDENT UNION
- CLASSROOM / LAB
- AUDITORIUM
- LIBRARY

AREA = 21 acres



1" = 180' 0' 180' 360'

NC A&T CAMPUS MASTER PLAN UPDATE 2001

MILLENNIUM CAMPUS PHASE 1

M19a

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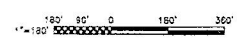
## **B. PHASE 2**

The campus development in the second phase will expand to both add additional laboratory/office facilities to attract greater industry participation and to build facilities related to academic programs. The roadway will be extended to provide a second gated entrance from Lee Street and, at a central point a traffic circle will be constructed, creating a focal point to the campus development. Though building projects during this phase are limited to Parcel "A", a new roadway will be extended from this traffic circle to bridge the creek and, in a rough graded form, traverses Parcel "B", thereby providing a connection to the existing farm. In future phases, as the campus expands onto Parcel B, this road will be further improved. With Phase 2, parking will also be expanded to meet the increased requirements of the campus. The construction of two more laboratory/office buildings along the Lee Street frontage will create a high profile façade. North of the entrance drive expansion will include construction of several classroom buildings and a library. Campus development will include landscaping, walks, plazas, exterior activity areas and other appropriate site amenities. Additional residential units may also be added at the east edge of the campus. By the completion of this phase, the campus will house a combination of academic programs for approximately 500 students and approximately 120,000 square feet of laboratory and office space for industry conducting related research. (See M19b)



BUILDING KEY	
[Symbol]	OFFICE / LAB
[Symbol]	CONF. CENTER
[Symbol]	RESIDENT UNITS
[Symbol]	CLUB / UNION
[Symbol]	CLASSROOM / LAB
[Symbol]	AUDITORIUM
[Symbol]	LIBRARY

AREA = 45 acres

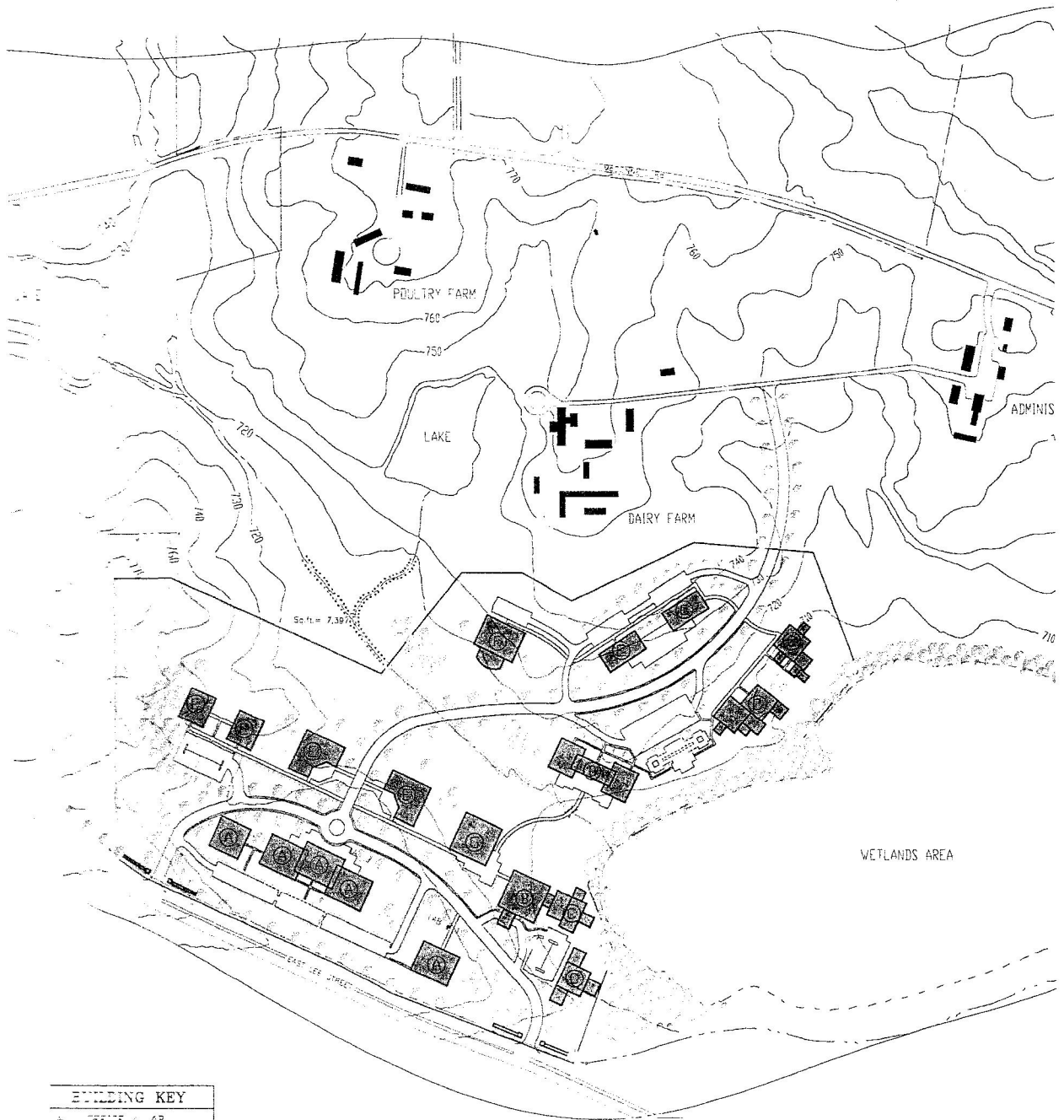


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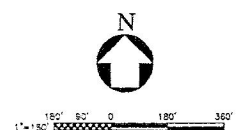
**MILLENNIUM CAMPUS PHASE 2**

**M19b**



BUILDING KEY	
1	OFFICE / LAB
2	CONF. CENTER
3	RESIDENT UNITS
4	STUDENT UNION
5	CLASROOM / LAB
6	RESTROOM
7	LIBRARY

AREA = 75 acres



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	MILLENNIUM CAMPUS PHASE 3	M19c