

MINUTES OF BUDGET AND CONTROL BOARD MEETING

OCTOBER 24 1974

The State Budget and Control Board met at 10:00 a. m. on Thursday, October 24, 1974, with the following members in attendance.

Governor John C. West  
Senator Rembert C. Dennis  
Mr. Frederick J. LeaMond  
Mr. Henry Mills  
Mr. Grady L. Patterson, Jr.

The meeting was held in the Hearing Room of the Alcoholic Beverage Control Commission and the budget requests of the following Agencies were heard.

Commission On Higher Education  
Department of Insurance  
Clemson Public Service Activities  
Higher Education Tuition Grants  
Commission On Human Affairs

In addition to hearing the foregoing budget requests, the Budget and Control Board considered the following items of business.

MENTAL HEALTH COMMISSION - Dr. William Hall, of the Department of the Mental Health, reported to the Budget and Control Board that his Agency had received bids on Village "A" and that the cost had greatly exceeded original estimates. He, therefore, requested approval for increasing the total project cost from \$4,525,000 to \$11,750,000 and for using Revenue Sharing Funds provided in Act 354, Acts of 1973, for construction of Village "A" rather than for Village "B" as originally contemplated.

The Board approved the use of the Revenue Sharing monies for construction of Village "A" but requested that the Mental Health Commission rebid the entire project. The Board also approved the use of avail-

able bond monies for the hiring of an architectural firm for the design of Village "B".

AERONAUTICS COMMISSION - In a letter dated October 18, 1974, Mr. John W. Hamilton advised Board members that his Agency had installed a jet fuel pumping facility but that serious safety factors had been omitted. He requested permission to hire the firm of Aviation Fuel Technicians of Charlotte, North Carolina to do the necessary work to bring the facility up to airline standards. The contract price would be \$9,240.

The Board gave unanimous approval to this request.

Data pertaining to this matter has been retained in these files and is identified as Exhibit I.

CLEMSON UNIVERSITY - PEE DEE EXPERIMENT STATION - Dr. Robert C. Edwards, President of Clemson University, appeared before the Board and conducted a slide presentation of plans for the relocation of the Pee Dee Experiment Station. Dr. Edwards then asked for Budget and Control Board approval of the development concept.

Board members approved the concept as presented, but requested that Clemson officials contact the Congressman from the Pee Dee area to see if Federal funds could be made available to assist in the relocation.

A brochure furnishing information pertaining to the Pee Dee Experiment Station has been retained in these files and is identified as Exhibit II.

GENERAL SERVICES DIVISION - Mr. Furman McEachern appeared before the Board and presented the following items of business.

CAPITOL COMPLEX BIDS - Mr. McEachern reported that new bids had been taken for the two buildings and the parking facility of the Capitol Complex. The bid for the parking facility was lower than the previous bid, but the bids for the new buildings were significantly higher. He then recommended that the Board con-

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sider proceeding with the construction of the parking facility.

Senator Dennis pointed out that the intent of the Legislature was that the two buildings should take precedence over the parking facility; and Board members, therefore, recommended that all three projects be rebid.

PROPERTY TRANSFER - Mr. McEachern advised that the University of South Carolina would like to exchange a certain parcel of property located on South Main Street for property which would be adjacent to the new Cultural Complex. The property presently held by the State of South Carolina is commonly known as the Schirmer Property.

The Board approved this transfer.

The final item of business involved a personnel matter, and the Board declared itself in Executive Session.





## South Carolina Aeronautics Commission

BOX 1769 • COLUMBIA, SOUTH CAROLINA 29202 • TELEPHONE 803-758-2766

October 18, 1974

JOHN W. HAMILTON, DIRECTOR  
JOHN F. BARRY, DEPUTY DIRECTOR

RECEIVED  
OCT 21 1974  
GOVERNOR'S OFFICE

### COMMISSIONERS

E. MCLEOD SINGLETARY  
CHAIRMAN  
COLUMBIA

JOE WILDER  
VICE-CHAIRMAN  
BARNWELL

WILSON BUIE, JR.  
KINGSTREE

W. A. COWARD  
AIKEN

DAVID S. HARTER  
CAMDEN

RALPH SCHMIDT  
GREENVILLE

RICHARD J. SCHRIVER  
BEAUFORT

Honorable John C. West  
Governor  
State Capitol  
Columbia, S. C. 29211

Dear Governor West:

The S. C. Aeronautics Commission had a jet fuel pumping facility installed approximately three months ago. This facility was installed according to specifications set forth by General Services. The work was done by Southern Pump & Tank Company of Columbia, who was low bidder on the project. After this project was completed it was discovered that several very serious safety factors had been left out of the system. These are:

- (1) A method of recirculating the fuel to keep it from becoming stagnant.
- (2) A method of filtering the fuel as it is pumped from the tankers into our tanks.
- (3) Floating suctions need to be installed in each tank.
- (4) Galvanized pipe and fittings which were listed in the specifications were installed, this is not an acceptable pipe or fitting and must be changed.
- (5) Manhole covers need to be raised to ground level to prevent contamination.
- (6) The recirculating system needs to be changed from a hand hold method to prevent a fire hazard.

Aviation Fuel Technicians of Charlotte, North Carolina has proposed to do this necessary work for \$9,240.00. This will bring this facility up to air-line standards.

2300



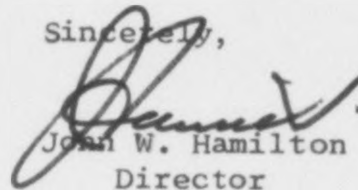
Page 2.

Since we have 32,000 gallons of fuel in these tanks at a cost of approximately \$13,000, that we need to start using as soon as possible to prevent it from becoming stagnant and unusable, we respectfully request permission from the Budget and Control Board to award a contract to AFTEC, Inc. of Charlotte to perform this work, without having to let it out on bids, since we feel they are the most qualified people in this area.

Funds for this project will come from our capital improvement funds that we have on hand.

With kindest personal regards.

Sincerely,



John W. Hamilton  
Director

JWH/gt

CC: Hon. Grady L. Patterson, Jr., Treasurer  
Columbia, S. C.

Hon. J. Henry Mills, Comptroller General  
Columbia, S. C.

Hon. Rembert C. Dennis, Senator  
Moncks Corner, S. C.

Hon. F. Julian LeaMond, Representative  
Charleston, S. C.

Hon. P. C. Smith, State Auditor  
Columbia, S. C.

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EXHIBIT II

OCT. 24, 1974

# Dee Research and Educational Center

AMENDED—April 21, 1971

Calendar No. H. 1303

Introduced by AGRICULTURE AND CONSERVATION  
COMMITTEE

Printer's No. 522—H.

Read the first time February 11, 1971.

## A BILL

To Authorize Clemson University to Relocate the Pee Dee Experiment Station; To Provide for the Conveyance of Certain Land to the Florence-Darlington Technical Education Commission and to Provide for the Right of Condemnation.

Whereas, Clemson University has given to the Florence-Darlington Technical Education Center two parcels of land, totaling 24.62 acres, formerly a part of the Pee Dee Experiment Station, and regarded as the best tobacco land in the Experiment Station. More recently, in order to expand needed facilities for the Technical Education Center, The Florence-Darlington Technical Education Commission has requested Clemson University to deed to it 5.48 acres adjacent to the Technical Center, but the request cannot be granted at this time as the land is essential to the tobacco research program; and

Whereas, the Legislative Agricultural Study Committee finds that the Pee Dee Experiment Station at Florence is being surrounded by industry and urban development, and that provisions should be made immediately concerning the acquisition of additional land on which to relocate this Experiment Station; and

Whereas, experiments are being carried on continuously at the station and the new site should be purchased now, so that the gradual transition from one location to another could take place in an orderly manner and without impairment to the programs now in progress; and

Whereas, the land where the present station is situated is valuable and by selling it at an opportune time the money derived from such sale would be applied to the cost of any new land that is necessary to be purchased. Now, therefore,

*Be it enacted by the General Assembly of the State of South Carolina:*



SECTION 1. In order to relocate the Pee Dee Experiment Station presently located at Florence, Clemson University may take such action as may be necessary to acquire lands suitable to and necessary for this purpose, upon such terms and condition as may be approved by the State Budget and Control Board. *Provided*, however, that 39.5 acres, more or less, of the Experiment Station land situated directly behind and adjacent to the Florence-Darlington Technical Education Center shall be conveyed by Clemson University to the Florence-Darlington Technical Education Commission. This acreage is bounded on the northeast by the Seaboard Coast Line Railroad, on the northwest by a swamp, on the southeast by other lands of the Clemson Experiment Station, and on the southwest by other lands of the Florence-Darlington Technical Education Commission and surrounding lands, as shown on a map of the Florence-Darlington Technical Education Center, dated November 5, 1968. This land shall be conveyed as soon as Clemson University has relocated the Pee Dee Experiment Station.

Careful consideration for the present and future requirements of the Pee Dee Experiment Station shall be taken into consideration prior to determination of its relocation to assure its ability to carry out its assigned work. The Experiment Station shall be relocated in Florence and Darlington Counties.

The State Budget and Control Board shall make available to Clemson University such monies as may be necessary to carry out the provisions of this act. In making such monies available the Budget and Control Board shall take into consideration the value of the property transferred by Clemson University to the Florence-Darlington Technical Education Commission for which no compensation was received. Subject to approval of the State Budget and Control Board, monies derived from the sale of the existing Experiment Station lands shall be used in order of priority as follows:

- (1) To pay for the purchase of lands authorized by this act.
- (2) For capital improvements on the new Station site.

SECTION 2. The Board of Trustees of Clemson University may, in its discretion, make use of the provisions of Chapter 3 of Title 25, Code of Laws of South Carolina, 1962, to acquire lands for the purposes herein provided. *Provided*, however, no legal action brought pursuant to this section shall be instituted after January 1, 1972.

SECTION 3. This act shall take effect upon approval by the Governor.

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DEVELOPMENT OF THE PEE DEE RESEARCH  
AND EDUCATION CENTER

<u>Fiscal Year</u>		<u>Cost</u>
1974-75	Architectural Fee, Planning and Engineering	\$ 60,000
1975-76	Architectural Fee, Planning and Engineering	126,000
	Construction of Buildings, Laboratories, Utilities, etc.	1,332,415
	Total 1975-76	<u>1,458,415</u>
1976-77	Architectural Fee, Planning and Engineering	64,000
	Construction of Buildings, Laboratories, Utilities, etc.	2,656,800
	Total 1976-77	<u>2,720,800</u>
1977-78	Completion of Construction of Buildings, Laboratories, Utilities, etc.	
	Total 1977-78	<u>500,000</u>
	TOTAL	\$4,739,215

**peer research  
and educational  
center  
development plan**



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2. climate
3. topography
4. watershed
5. vegetation
6. visual
7. soils

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- V. planning phases

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- A2. background
- A3. population
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- D4. program requirements
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## ENVIRONMENTAL DETERMINANTS

- E1. map summary
- E2. environmental impact

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# **preface**

This document presents the findings of a Planning Study presently underway to investigate the facilities and operations for an agricultural research center to be located in the Pee Dee Region of South Carolina. The purpose of this interim report is to provide a summary of the facts and analyses from which the study's recommendations are based. Hopefully, a knowledgeable discussion of the issues presented herein will lead to the development of improved research center facilities for all of South Carolina.



# history

Agricultural research in South Carolina dates from 1669 when the Lord's Proprietors provided for a test garden of ten acres on the Ashley River. This appears to be the first experimental farm established in America for improving agriculture.

Three subsequent events led to the development of the experiment station as it exists today. First, in 1886, the South Carolina General Assembly passed a bill providing for the establishment of experimental farms. Second, in 1887, the Congress passed the Hatch Act, which provided federal financial support for State agricultural experiment stations. And third, in 1889, the South Carolina General Assembly provided for the acceptance of the land willed by Thomas G. Clemson to establish an agricultural experiment station with authorization to expend federal and state funds for research on agricultural problems.

Today, the South Carolina Experiment Station is the research branch of the College of Agricultural Sciences of Clemson University. As such, the station's research program forms an integral portion of the teaching and public service functions of the College.



# organization

## officers/deans

Dr. R. C. Edwards  
President

Dr. Victor Hurst  
Vice President — Academic Affairs  
and Dean of the University

Melford A. Wilson  
Vice President — Business and  
Finance and Comptroller

Stanley G. Nicholas  
Vice President — Development

Joseph P. McDevitt  
Vice President for Executive Affairs  
and University Counsel

Walter T. Cox  
Vice President for Student Affairs  
and Dean of Students

Dr. Claud B. Green  
Dean, Undergraduate Studies

Dr. Arnold E. Schwartz  
Dean, Graduate Studies  
and University Research

Dr. Samuel M. Willis  
Dean, University Extension

Dr. L. P. Anderson  
Dean — College of  
Agricultural Sciences

## directors

Dr. O. B. Garrison  
Director — Agricultural  
Experiment Station

Dr. W. C. Godley  
Associate Director  
Agricultural Experiment  
Station

Dr. Wayne T. O'Dell  
Director — Extension Service

Dr. J. B. Copeland  
Associate Director  
Extension Service

## dept. heads

Dr. W. J. Lanham  
Head, Agricultural Economics &  
Rural Sociology

Dr. A. W. Snell  
Head, Agricultural Engineering

Dr. G. R. Craddock  
Head, Agronomy and Soils

Dr. R. F. Wheeler  
Head, Animal Science

Dr. W. A. King  
Head, Dairy Science

Dr. S. B. Hayes  
Head, Entomology and  
Economic Zoology

Dr. W. P. Williams  
Head, Food Science

Dr. T. L. Senn  
Head, Horticulture

Dr. W. M. Epps  
Head, Plant Pathology and  
Physiology

Dr. B. D. Barnett  
Head, Poultry Science

## planning

Robert D. Eflin, A.I.A.  
Campus Master Planner

Gordon W. Patterson, A.I.A.  
College of Architecture

## superintendent

Dr. J. B. Pitner  
Superintendent  
Pee Dee Experiment Station

# team & tasks

## TEAM MEMBERS

### MANAGEMENT DIRECTORS

### PLANNING/DESIGN

### IMPLEMENTATION

## MEMBERS

Dr. L. P. Anderson  
Melford A. Wilson  
Stanley G. Nicholas  
Dr. O. B. Garrison  
Dr. W. C. Godley  
Dr. John Pitner  
Robert D. Eflin

Robert D. Eflin  
Gordon Patterson  
Dr. John Pitner  
Dr. W. C. Godley

Dr. L. P. Anderson  
Dr. O. B. Garrison  
Robert D. Eflin  
Dr. John Pitner  
Dr. W. C. Godley  
Jerry Boyer  
Melford A. Wilson  
Stanley G. Nicholas

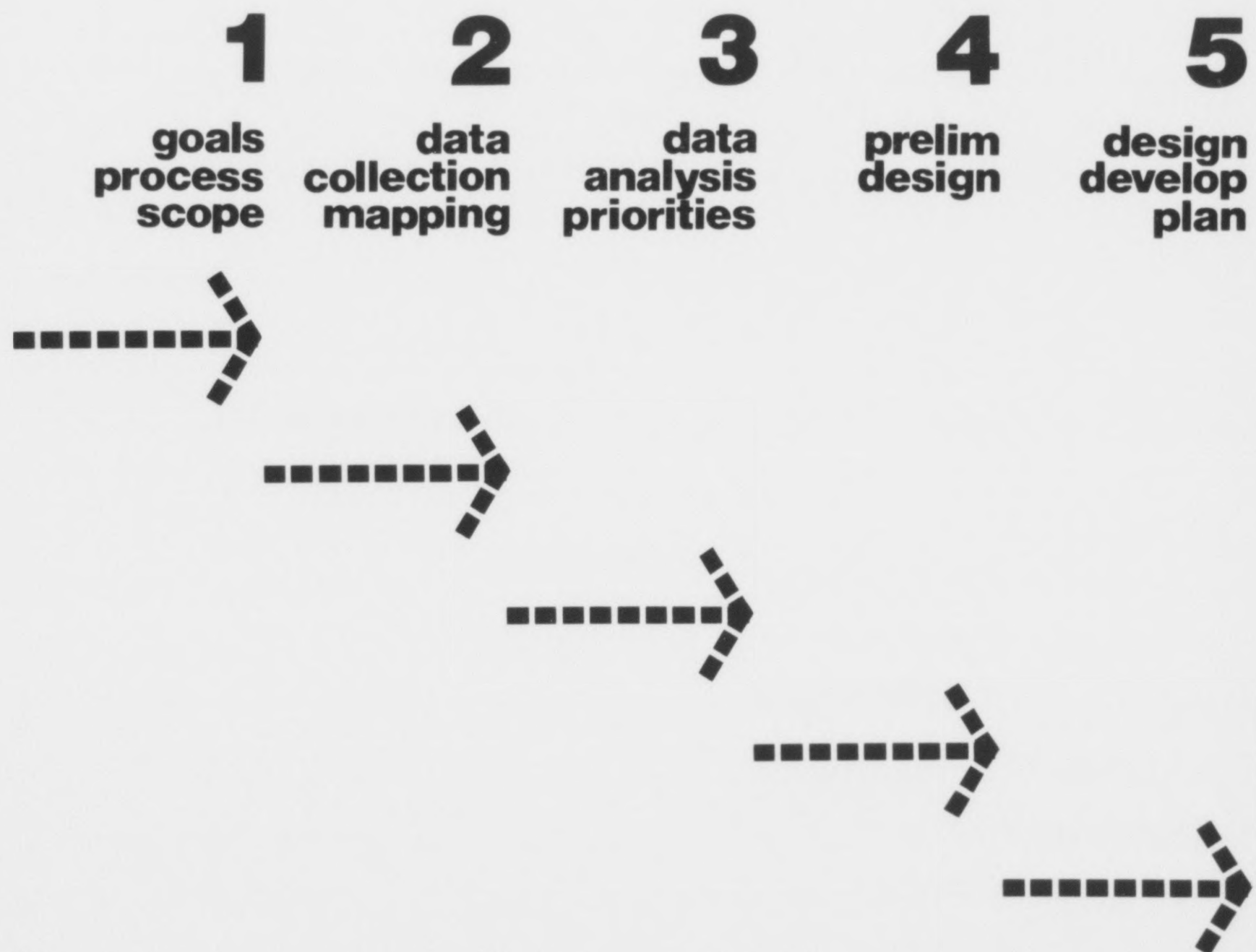
## TASKS

Financial Decisions  
Goals  
Priorities  
Consultation  
Approval/Review  
Ongoing Management

Process  
Programming  
Reports  
Coordination  
Base Maps  
Data Collection  
Analysis  
Priorities  
Summary Documents  
Brochures

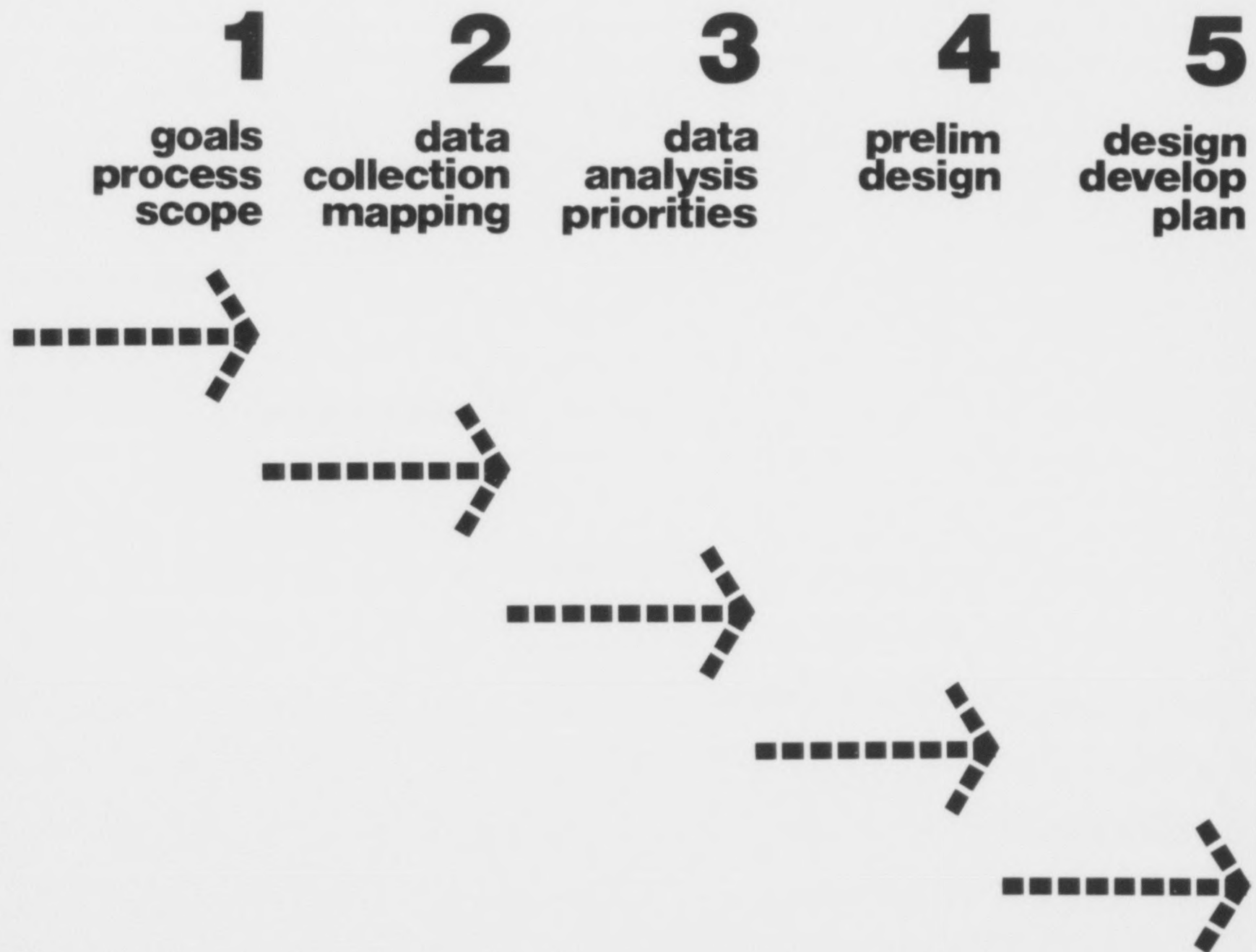
Development Administration  
Phases - Considerations  
Architectural Responsibilities  
Ongoing Management  
Maintenance

# planning phases

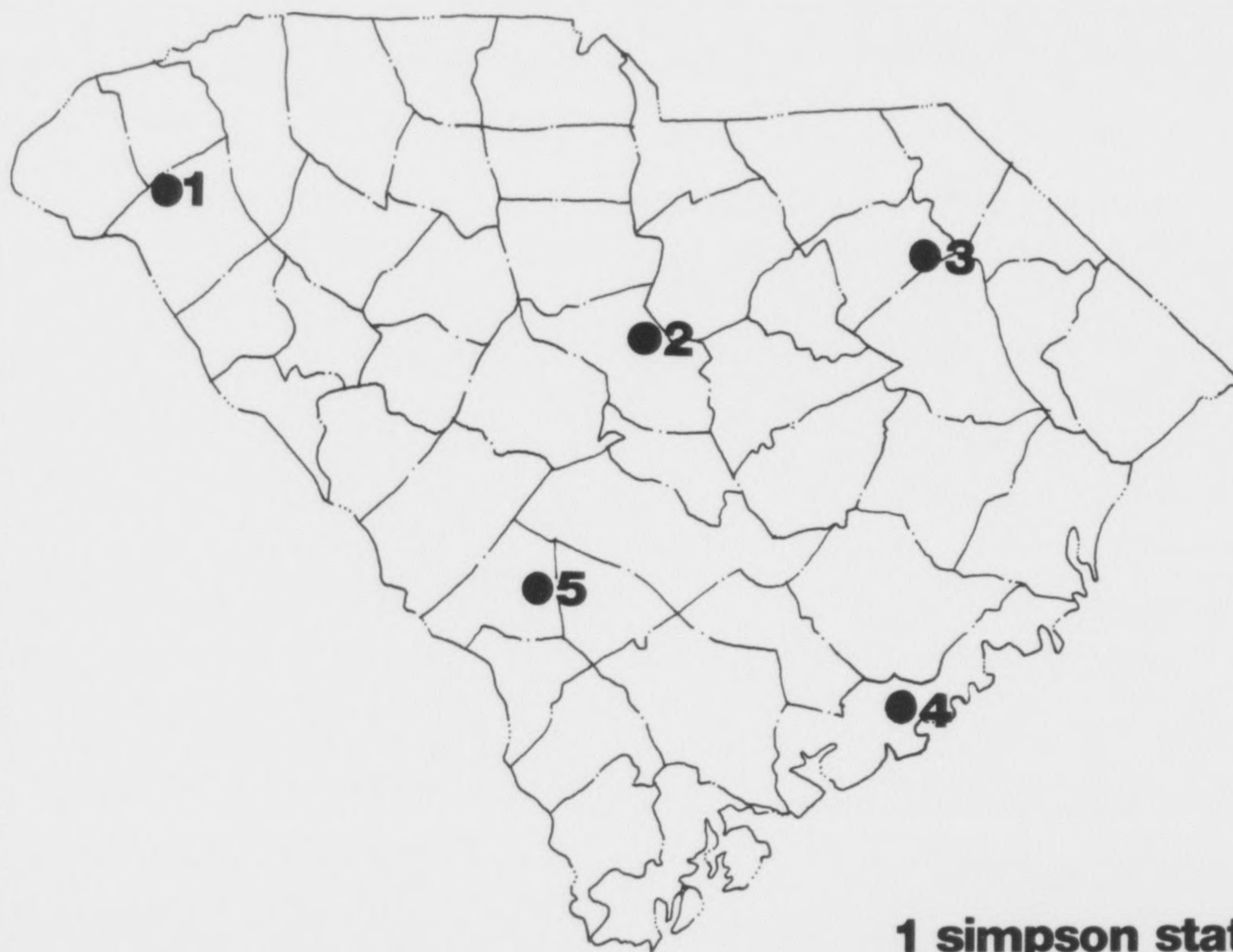




# planning phases



# state plan



1 simpson station  
2 sandhill station  
3 pee dee station  
4 truck station  
5 edisto station

A1

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# state plan

## STATE PLAN

South Carolina's formal agricultural research program has its headquarters and main station at Clemson University, Clemson, South Carolina.

The branch stations are located as follows: The Sandhill Experiment Station, near Columbia, also the site of the Livestock-Poultry Health Department; the Pee Dee Experiment Station, near Florence; the Truck Experiment Station, near Charleston; and the Edisto Experiment Station, near Blackville.

The South Carolina Agricultural Experiment Station is charged with conducting basic and applied research in agriculture and with providing this knowledge to all segments of our society. Besides serving farmers and homemakers, the station conducts a sizable portion of the research needed by agribusinesses which supply the inputs for agricultural production, such as farm chemicals and fertilizers, farm machinery, fuel, feed, seed, and building materials, and by those which market, process, and distribute food and other farm products.

The modern revolution in American agriculture began in the mid-1930's with most of the achievements since 1950. Twenty years ago, yields of corn, tobacco, wheat, hay, tomatoes, and some other crops were less than half of what they are today. In the past 20 years, milk production per cow has almost doubled and eggs per laying hen have increased by approximately 50%. The efficiency of feed conversion for broilers has doubled. The cotton picker, the tobacco harvester, and the peach harvester — major breakthroughs in mechanical harvesters for agricultural crops — have appeared since 1950. Soybean production has increased from almost nothing in 1950 to 24,750,000 bushels in 1972 and soybeans occupy the largest acreage of any South Carolina crop.

These technological achievements made possible by research and education have added many dollars to our pockets, far above the cost of the research itself. Historically, each dollar invested in agricultural research has been returned to the state's economy a hundredfold. Each dollar of agricultural products generates another three to five dollars of new economic activity.

Much of the progress of modern agriculture today can be traced directly to research. The South Carolina Agricultural Experiment Station is proud of the role it has played in this progress and its close relationship with all sections of our economy.



# population

South Carolina's population has increased steadily since 1950 when the total population exceeded the 2 million mark for the first time. Between 1950 and 1960 a 12.5 percent increase in population occurred, and the increase continued with an 8.7 percent increase during 1960-70. The lower growth rate during the past decade resulted from several factors, one being the rapid mechanization of agriculture and the accompanying migration out of the state.

For the current decade, a 12 percent population growth is projected, bringing the number of South Carolinians close to 3 million by 1980. Predictions of the accelerated growth rate during this period are based upon expectations of economic progress and continued moderately high birth rates.

South Carolina's rural population declined some 3 percent from 1960 to 1970, and villages and small towns declined almost 9 percent. Urban population in the state, however, increased nearly 26 percent during the same period, metropolitan areas registering an even greater rate of growth, slightly more than 40 percent.

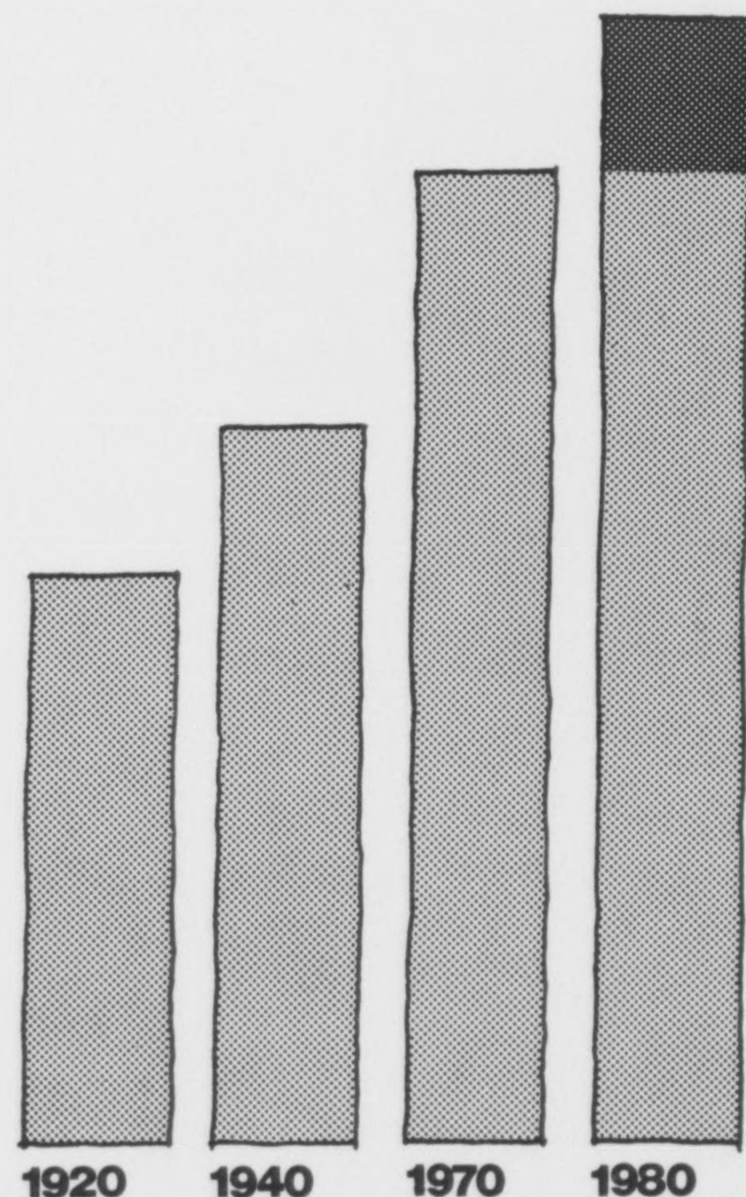
If future trends follow current patterns, we can expect the proportion of our rural population to be slightly under 50 percent and the urban proportion to be slightly over 50 percent by 1980.

Even though active farmers are decreasing in number, this does not mean that agriculture is any less vital to the state's economy. On the contrary, our farmers are increasing their productive capacity to grow more on shrinking farm acres, and each year the agricultural complex is using and demanding more capital, more science and technology, more managerial expertise, more purchased inputs, more specialized marketing facilities, and more research to feed and clothe our country's 94 percent non-farm population.

**3 million people**

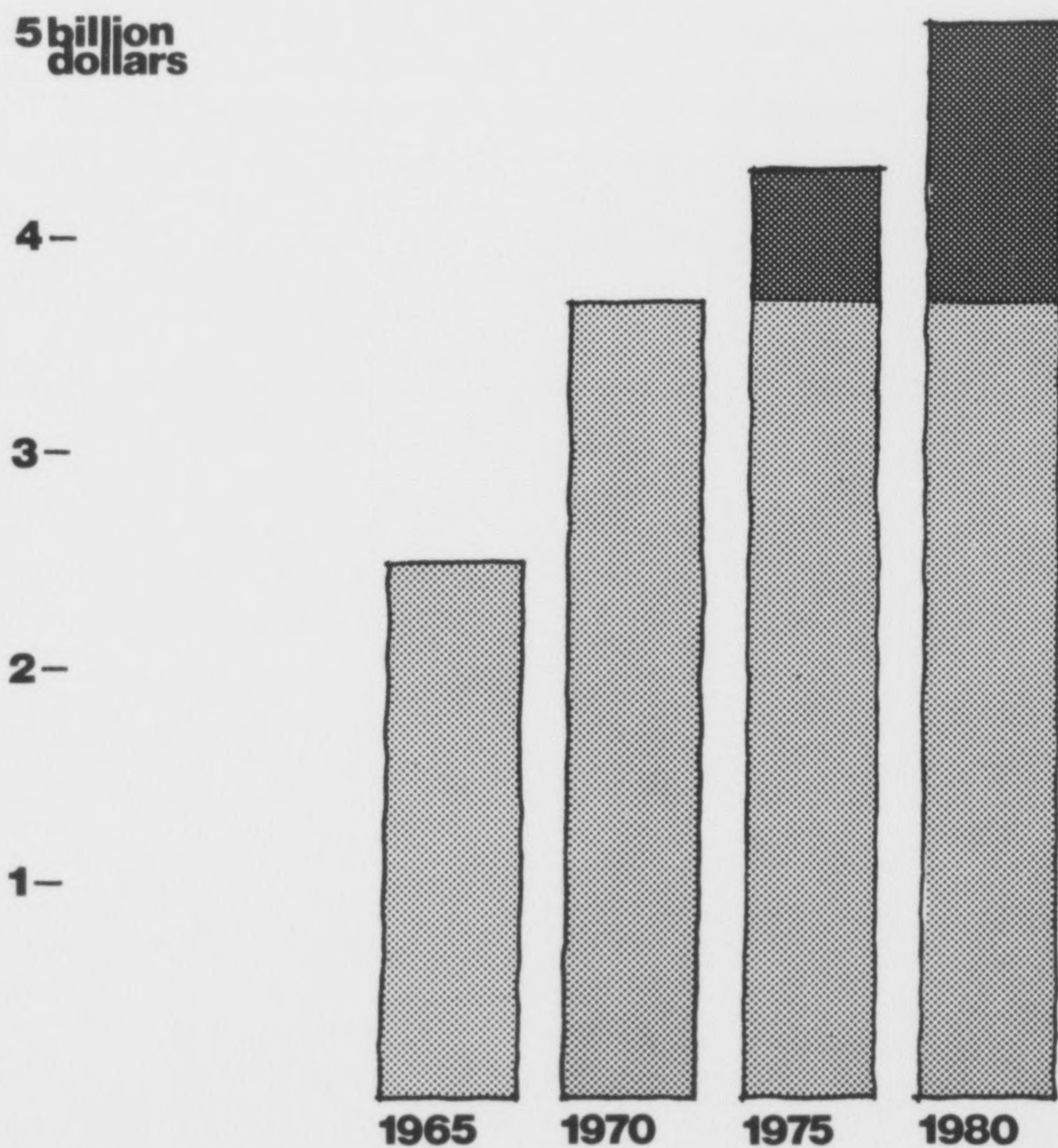
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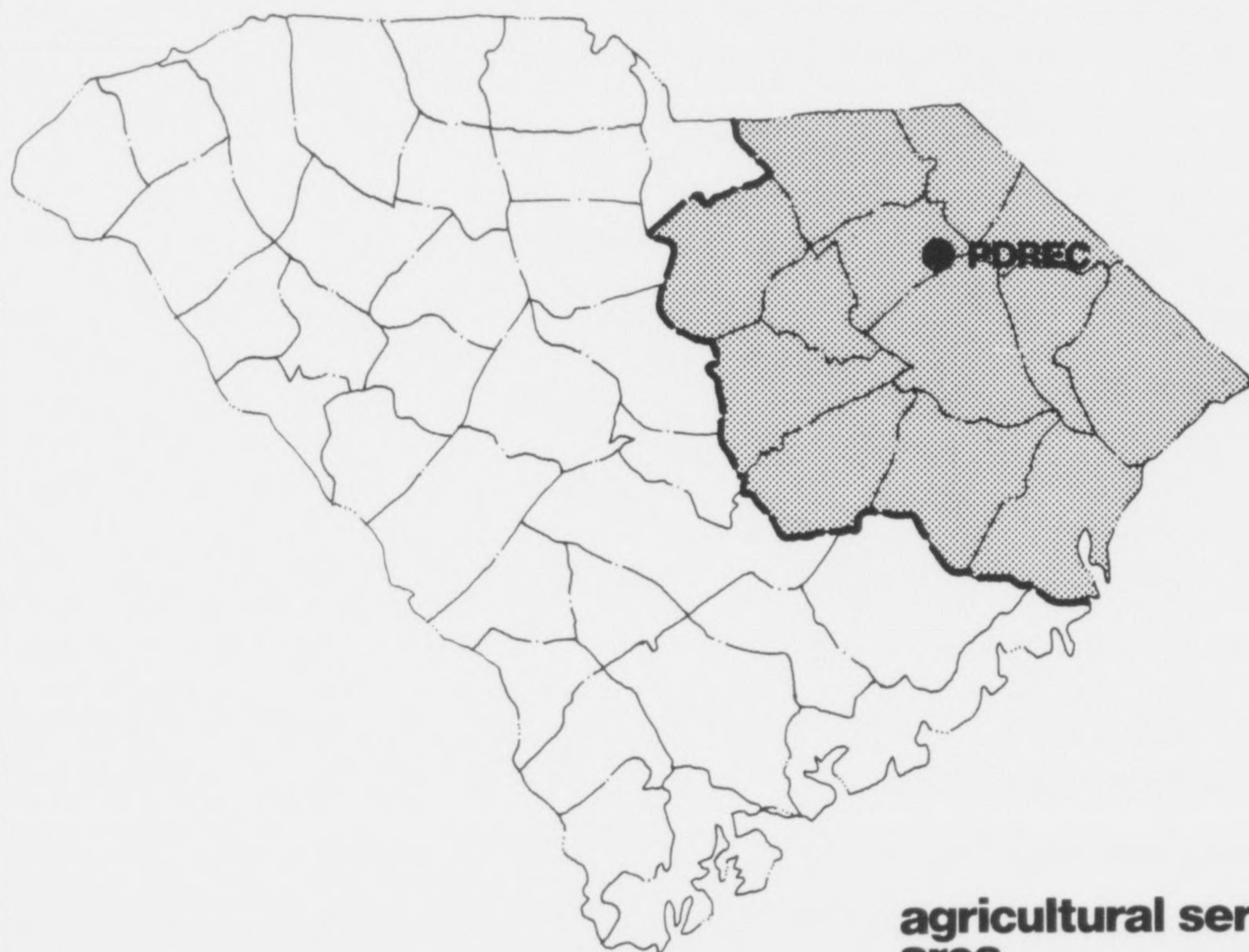


# agribusiness

South Carolina's agribusiness is projected to grow from 3.7 billion dollars to a 5.0 billion dollar goal by 1980. The new Pee Dee Research Center will be a major factor in achieving this goal.



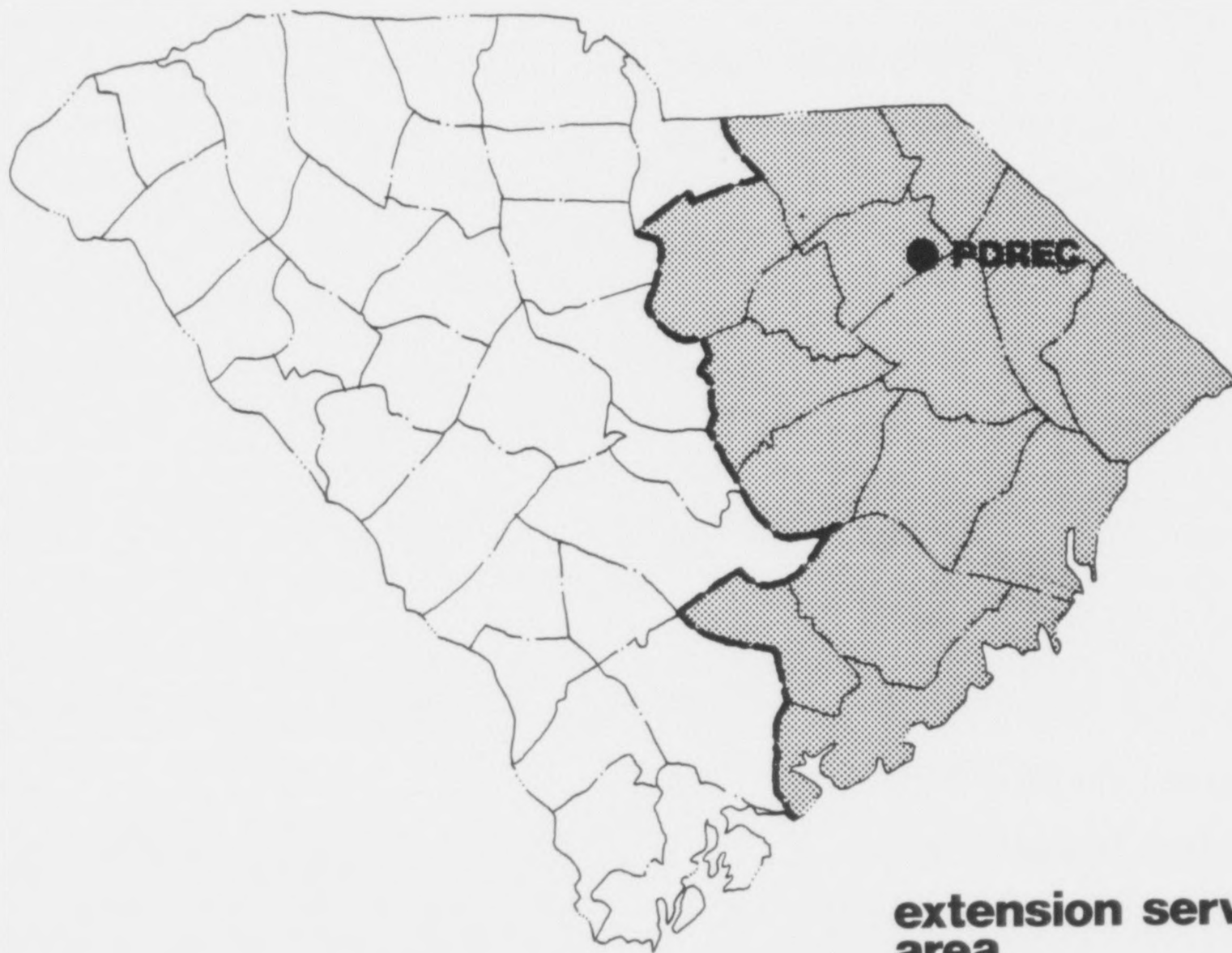
**region**



**agricultural service  
area**

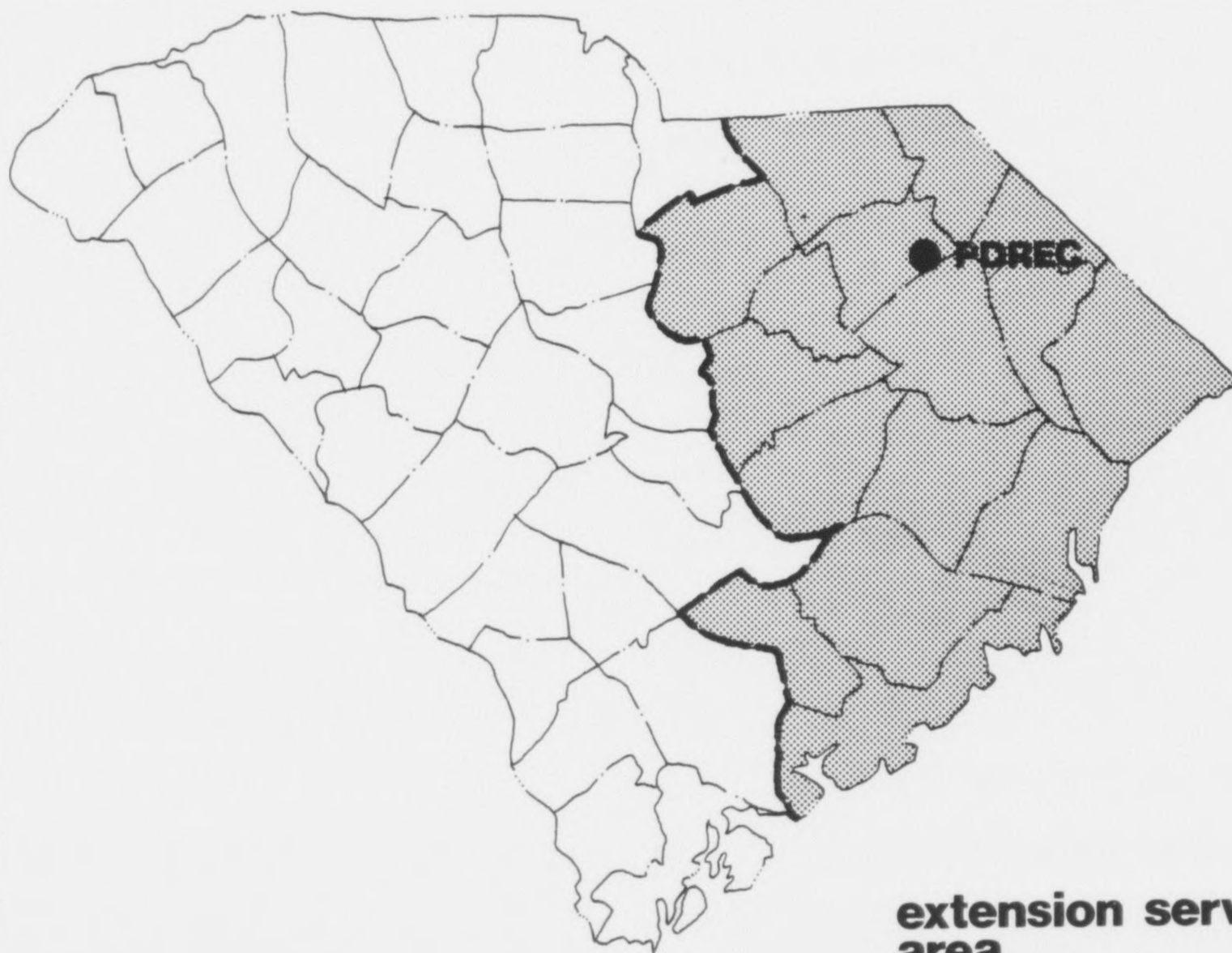


# region



extension service  
area

**region**



**extension service  
area**

# region

## REGION – POPULATION

COUNTIES SERVED AGRICULTURAL & EXTENSION	POPULATION 1950	POPULATION 1960	POPULATION 1970	CHANGE 50-60	CHANGE 60-70
CHESTERFIELD	36,236	33,717	33,667	- 7.0	- .1
CLARENDON	32,215	29,490	25,604	- 8.5	-13.2
DARLINGTON	50,016	52,928	53,442	5.8	1.0
DILLON	30,930	30,584	28,838	- 1.1	- 5.7
FLORENCE	79,710	84,438	89,636	5.9	6.2
GEORGETOWN	31,762	34,798	33,500	9.6	- 3.7
HORRY	59,820	68,247	69,992	14.1	2.6
KERSHAW	32,287	33,585	34,727	4.0	3.4
LEE	23,173	21,832	18,323	- 5.8	-16.1
MARION	33,110	32,014	30,270	- 3.3	- 5.4
MARLBORO	31,766	28,529	27,151	-10.2	- 4.8
SUMTER	57,634	74,941	79,425	30.0	6.0
WILLIAMSBURG	43,807	40,932	34,243	- 6.6	-16.3
	542,466	566,035	558,818	4.3	- 1.1
<u>EXTENSION</u>					
BERKELEY	30,251	38,196	56,199	26.3	47.1
CHARLESTON	164,856	216,382	247,650	31.3	14.5
DORCHESTER	<u>22,601</u>	<u>24,383</u>	<u>32,276</u>	<u>7.9</u>	<u>32.4</u>
TOTALS	217,708	278,961	336,125	28.1	20.5
STATE	2,117,027	2,382,594	2,590,516	12.5	8.7



# region

## CASH RECEIPTS FOR COUNTIES SERVED

COUNTY	1972 - THOUSANDS CROPS	1972 - THOUSANDS LIVESTOCK & LIVESTOCK PRODUCTS
CHESTERFIELD	7,974	9,016
CLARENDON	14,496	6,037
DARLINGTON	20,126	4,083
DILLON	17,389	1,382
FLORENCE	31,414	5,157
GEORGETOWN	3,779	1,214
HORRY	37,879	5,676
KERSHAW	2,850	2,941
LEE	13,543	4,195
MARION	13,833	1,849
MARLBORO	11,557	2,569
SUMTER	15,288	10,468
WILLIAMSBURG	21,551	4,945
<u>EXTENSION</u>		
BERKELEY	2,380	3,307
CHARLESTON	10,543	1,366
DORCHESTER	3,009	4,161
<u>SUMMARY</u>		
TOTAL CASH RECEIPTS FOR COUNTIES SERVED	227,611	68,366
TOTAL CASH RECEIPTS, SOUTH CAROLINA	344,826	214,337
COUNTIES SERVED AS A PERCENT OF STATE TOTAL	66.0	31.9

# background

In 1972, 2297 acres of land, located off I-95 near Florence, South Carolina, formerly the site of Dargan Farms, was purchased for the development of a new Pee Dee research center.

The task of this planning group is to translate the notion of creating a balanced new research center on this site into a set of program objectives, a building program, and a physical design. At the same time, this project is to demonstrate innovative technology in building construction and to provide for planned phases of growth.

The need for comprehensive planning cannot be overstated. Too often, planning studies are undertaken that attempt to evaluate pieces of the research program as isolated elements. The tendency in such a situation is to concentrate on replacing old facilities with new but similar ones, with little or no regard for the interrelated nature of facilities, personnel, and general operations. A building program should not be undertaken without considering a complete analysis of the fiscal, as well as physical, implications of their actions. In the same way, the manner in which a facility constrains or promotes administrative policies, research methods, personnel effectiveness, and involvement should be thoroughly investigated and brought to the attention of the decision makers.

At this point, it should be emphasized that planning cannot be separated from implementation if it is to be effective. This implies that planning for a research and educational program is an ongoing process, constantly being modified by the realities of the moment, and that it makes provisions for including the ideas of persons at every level of research and operation. This provides the best assurance that the goals and procedures which result from planning efforts will in fact be those towards which day-by-day research and education activities are directed.

## GENERAL PLANNING GOALS AND OBJECTIVES

These goals and objectives establish the common area of agreement from which the diverse interests involved in the development of the Pee Dee Research Center can pursue their own interests within the framework of a plan — a plan which structures these individual efforts in a mutually reinforcing and beneficial growth pattern. The following planning goals and objectives are the foundation upon which the priorities and Research Center were developed.

## GENERAL CHARACTER

A research and educational environment will be created for this new center. This environment can be defined as a compact and efficient area or areas which are composed of spaces that are well defined by building masses and orientations that promote an exposure to a variety of activities and amenities (i.e., walking, research activities, educational experiences, and a wide range of other amenities). The physical image created by this interplay of building masses and open space will contain a variety of spaces that are aesthetically pleasing experiences.

## RESEARCH ACTIVITIES

The Research Center will be strengthened as the dominant agricultural center in the region through the development of a substantial increase in research activities, and a general strengthening and improvement of knowledge of production, processing, marketing, and consumption for agricultural products.

## EDUCATIONAL ACTIVITIES

The Research Center will be strengthened as an educational center through the dispensing of knowledge gained through its research activities.

# goals

## ENVIRONMENTAL QUALITY

Special environment features and opportunities (i.e., the lakes, open space, etc.) will be properly recognized in the development of the Research Center. A strengthening of the image of the Research Center will provide a dominant and identifiable symbol of its research and educational capabilities.

## GROWTH AND FUNCTION

The Pee Dee Research Center will exceed its growth potential, as indicated by the current trends.

The Center will be improved as a center of research and education activities.



# objectives

## 1

### OBJECTIVES OF STUDY

- Should provide for orderly growth and development while preserving a measure of diversity among its parts.
- Allocate land for use, recognizing that it may become a scarce resource, to be conserved rather than wasted.
- Minimize conflicts with public and research facilities, particularly transportation and utilities.
- Develop strong pedestrian linkages between research and education facilities within a core and selected frame areas.
- Discourage office, research use directly adjacent to areas of primary public activity.
- Avoid duplication of facilities so as to provide better economic utilization of complex.
- Encourage public use of education facilities.
- Establish concentrated sub-centers which support additional services for research activities.

## 2

### CIRCULATION

- Develop a system of efficient movement of people and goods based upon the demands of activity concentrations.
- Establish an articulated circulation system which separates public, research, and educational movements and which defines the hierarchies of movement.
- Discourage vehicular dominance and thru traffic within core facilities.
- Separate both visually and functionally service activity from pedestrian circulation.

## 3

### PARKING

- Provide parking capacity adequate to meet future demand for research and public activities.
- Minimize the time required to get from vehicular access points to destinations within the core.
- Minimize overall cost of parking system by consolidating parking in major clusters in and around core facilities.
- Minimize aesthetic liabilities associated with vehicular storage.
- Distribute parking in proportion to activity generated by destinations.

## 4

### RESEARCH

- Provide (structures) to serve people with a variety of research activities.
- Relate supporting services to housing structures in order to create a well functioning research activity.
- Capitalize upon the unique aesthetic opportunities related to site.

## 5

### EDUCATION

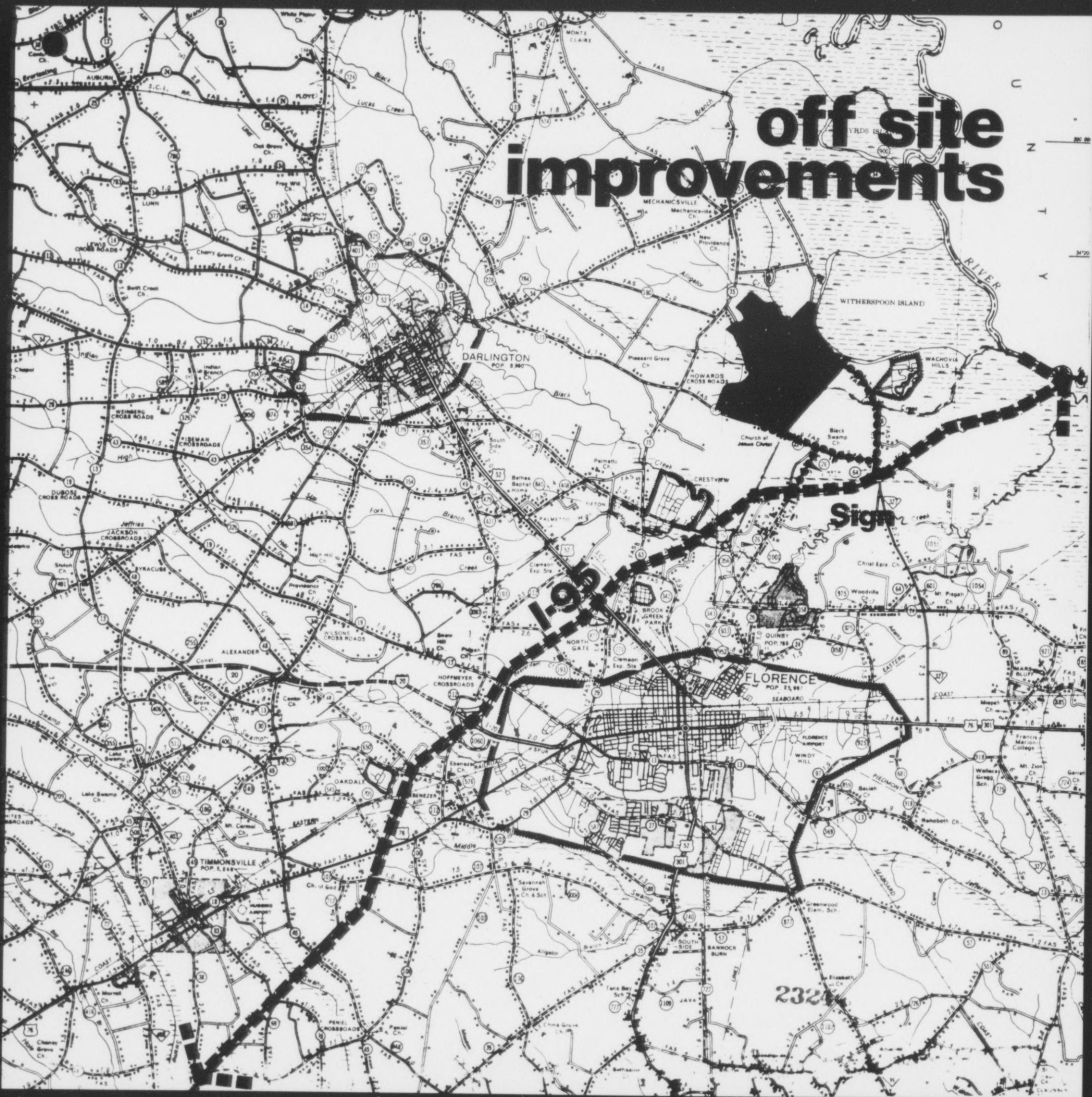
- Create in the complex an educational center which recognizes the demands of the region.

## 6

### OPEN SPACES

- Develop a system of public open spaces and recreation areas that take advantage of the character and potential of the site.
- Provide an image for the research center through open space that complements the total environment.
- Provide an ordered system, through a variety of spaces within the complex, recognizing the demand for pedestrian amenities and circulation.

# off site improvements





# development areas

**I.  
tobacco  
research  
500 acres**

**III.  
animal  
science  
research  
200 acres**

**II.  
IV.  
central  
educational  
1400 acres**

DARLINGTON  
FLORENCE

2325

north



0 1000



# program

## space allocations

A. ADMINISTRATION FACILITIES			Sq. Ft.
Administrative Offices			
Superintendent	1 @ 200		200
Farm Manager	1 @ 150		150
Secretarial Offices			
General	2 @ 90		180
Conference Room, Library			600
Total			1,130
B. EXTENSION FACILITIES			
Extension Specialists Offices			
General	10 @ 120		1,200
Secretarial Offices			
General	3 @ 90		270
Records and Work Space			300
Total			1,770
C. EDUCATIONAL FACILITIES			
Auditorium			3,000
Demonstration Laboratories			
General	2 @ 1,200		2,400
Conference Classrooms			
General	4 @ 600		2,400
Educational Staff Offices			
General	4 @ 150		600
Total			8,400

# D. RESEARCH FACILITIES

Sq. Ft.

## Research Scientists Offices

### General

Plant Pathology

1 @ 120

120

Entomology

2 @ 120

240

### Cotton

Agronomy

2 @ 120

240

Entomology

4 @ 120

480

Physiology

1 @ 120

120

Ecology

1 @ 120

120

### Tobacco

Agronomy

1 @ 120

120

Pathology

1 @ 120

120

Entomology

1 @ 120

120

Soils Science

1 @ 120

120

Ag. Economics

1 @ 120

120

### Horticultural Crops

Horticulture

2 @ 120

240

### Grain Crops

Agronomy

1 @ 120

120

### Animal Rearing

Animal Science

3 @ 120

360

### Farm Mechanization

Ag. Engineering

4 @ 120

480

## Research Secretarial Offices

### General

6 @ 90

540

## Records and Work Space

### General

500

500

## Research Laboratories

### General

Plant Pathology

1 @ 240

240

Entomology

1 @ 240

240

### Cotton

Entomology

4 @ 240

960

Physiology

2 @ 240

480

Ecology

2 @ 240

480

### Tobacco

Agronomy

3 @ 240

720

Pathology

3 @ 240

720

Entomology

3 @ 240

720

### Horticultural Crops

Horticulture

2 @ 240

480

### Animal Rearing

Animal Science

1 @ 240

240

Laboratory Equipment Preparation General			750
Laboratory Equipment Storage General			1,000
Chemical Storage & Mixing General			250
Research Greenhouses			
Cotton	Agronomy	2 @ 1400	2,800
	Entomology	2 @ 1400	2,800
Tobacco	Agronomy	1 @ 1400	1,400
	Pathology	1 @ 1400	1,400
	Entomology	1 @ 1400	1,400
Horticultural Crops	Horticulture	1 @ 1400	1,400
Grain Crops	Agronomy	1 @ 1400	1,400
Vegetable Crops	Pathology	1 @ 1400	1,400
Growth Chambers General			2,000
Research Mechanization Shops			
Tobacco Equipment	Ag. Engineering		4,000
General Farm Equipment	Ag. Engineering		2,000
Material Handling Equipment	Ag. Engineering		1,000
Research Mechanization Storage General	Ag. Engineering		3,000
Total			37,440

E. MAINTENANCE & STORAGE FACILITIES

Woodworking Shop General		2,000
-----------------------------	--	-------



Field Equipment Preparation & Repair General	3,000
Field Equipment Storage General	7,000
Seasonal Supply & Storage General	2,000
Agricultural Chemical Storage General	4,000
Insecticide Formulation General	2,000
Total	20,000

F. COTTON, GRAIN, & HORTICULTURAL CROPS  
FIELD RELATED FACILITIES

Cotton Gin	5,000
Cotton, Grain & Horticultural Seed Storage	5,000
Boiler & Cold Storage Rooms	2,000
Field Research Work Areas	2,000
Total	14,000

G. TOBACCO FIELD RELATED FACILITIES

Field Equipment Storage	1,400
Seasonal Supply Storage	1,000
Fertilization Storage	600
Cured Leaf Processing & Work Area	4,000
Cured Leaf Preparation, Sampling & Display	3,000
Cured Leaf Storage	5,000
Total	15,000

H. ANIMAL REARING FIELD RELATED FACILITIES

Field Equipment Storage	1,000
Feed & Seasonal Supply Storage	1,000
Animal Rearing Areas	5,000
Total	7,000

J. AUXILIARY FACILITIES

Security Residence(s)	2,000
Fish & Wildlife Field Related Facilities	Varies
Recreational Facilities	Varies
Total	2,000+

# summary

## buildings

A. ADMINISTRATION FACILITIES	Sq. Ft.
Net Area	1,130
Circulation, Mechanical, & Structural (30% of net)	340
Total	1,470
B. EXTENSION FACILITIES	
Net Area	1,770
Circulation, Mechanical, & Structural	530
Total	2,300
C. EDUCATIONAL FACILITIES	
Net Area	8,400
Circulation, Mechanical, & Structural	2,500
Total	11,900
D. RESEARCH FACILITIES	48,670
Net Area	37,440
Circulation, Mechanical, & Structural	11,230
Total	48,670
E. MAINTENANCE & STORAGE FACILITIES	20,000
F. COTTON, GRAIN, & HORTICULTURAL CROPS FIELD RELATED FACILITIES	14,000
G. TOBACCO FIELD RELATED FACILITIES	15,000
H. ANIMAL SCIENCE FIELD RELATED FACILITIES	7,000
J. AUXILIARY FACILITIES	2,000
TOTAL BUILDING AREA	122,340+

## parking

PARKING REQUIREMENTS		124,500
Staff	165 @ 300	49,500
Visitors	250 @ 300	75,000



# environmental determinants

## the grid

The PDREC land area is laid out on a grid, having letters and numbers along the two adjacent edges. This grid is keyed off the state and county grids which occur at 25,000 foot intervals. The primary purpose of the grid is to designate areas by identifying a square's proper coordinates, although utilities and other provisions will also be located along its lines.

One square of the grid is designated as a "land unit," 1000 feet by 1000 feet, and is equal to approximately one and one half acres. This provides for a continuing reference for developments and improvements as they relate to the PDREC, both now and in the future.

## maps

### 1

#### LOCATION AND CIRCULATION

This map gives the PDREC location with respect to the major road systems and county lines. The site is accessible from three sides — by existing roads, two of which have direct linkage with interchanges on I-95 (refer to Off Site Improvements Map - C4). Public and staff access from Florence and Darlington, the two major urban areas, will occur on Interstate I-95 and would logically indicate that the major entrance to the Center occur either on State Highways S16-173 or S16-26.

The following table summarizes the distances from the PDREC to key destinations within the area.

DESTINATION	DISTANCE
Downtown Florence	10.4 miles
Downtown Darlington	8.2 miles
Quinby	6.5 miles
Florence Airport	12.9 miles
I-95/State 52 Interchange	7.4 miles
Mechanicsville	6.0 miles
Oak Grove	13.2 miles

### 2

#### CLIMATE

This map gives the average maximum, mean, and minimum annual temperatures for the PDREC for a period of record of 71 years. Also included is the highest and lowest mean average months of this period.

Total precipitation during the period of 1901-1966 has averaged 43.7 inches annually, with the highest annual rainfall occurring in 1928 of 73.55 inches and the lowest being recorded in 1933 of 31.07 inches.

Winds and their predominant directions in the winter and summer are shown along with the average intensity in miles per hour. Also of pertinent interest to the PDREC is the length of growing season in the area. This is the interval during which the following meteorological conditions will permit plant growth. For the Darlington - Florence area, the average growing season varies from 227 to 235 days annually. This is among the longest growing seasons in the state, only exceeded by the coastal region.

### 3

#### TOPOGRAPHY

This map illustrates the basic topography of the site. Flat areas, sloping areas, and tops of hills are shown. The site has a total difference in elevation of 50 feet, with large, relatively flat, planting areas.

### 4

#### WATERSHED

This map shows surface water impoundments (lakes and ponds) and creeks. Also shown is the off-site drainage and on-site drainage.

### 5

#### VEGETATION

This map illustrates the existing areas of tree cover, in darker value, and the open land areas, in the lighter value.

### 6

#### VISUAL

This map summarizes the visual impact of existing site elements, the best visual exposure of the site areas from existing circulation elements and sites with good views to other areas.

#### E2

### 7

#### SOILS

This map gives the location of different surface soil types. Along with the map is included a legend of soil types and a limitations and features chart for the different soil types.

Predominant soil series are Norfolk, Wagram, Orangeburg, and Goldsboro with smaller acreages of Troup and Coxville.

Norfolk, Wagram, and Orangeburg are deep or moderately deep, well-drained, fine, sandy loams that have friable sandy clay loam subsoil. They have good structure medium in organic matter and plant nutrients. These soils are well adapted to tobacco, cotton, corn, soybeans, truck crops, and fruit and nut crops. Row crops can be grown every year if lime and fertilizers are applied.

Goldsboro is deep, nearly level soil that is moderately well drained. This soil is productive but usually needs drainage. Organic matter content is medium and plant nutrients range from moderate to high. When drained, Goldsboro is well suited for cotton, tobacco, corn, small grains, soybeans, truck crops, and all pasture and forage crops.

Coxville is level, poorly drained soil that must be drained before it can be used for row crops or pasture. After drainage, Coxville can be planted to row crops and pasture.

Troup sand is a sloping, deep soil with extensive drainage. These soils are sandy, droughty, and subject to severe leaching. These soils are not suited for cultivated row crops or pasture. Fruit and nut crops can be grown with proper fertilization and management.

## environmental impact

#### THE FREEWAY

The decibel level generated by the freeway located to the south will vary from 70 db up to 80 db. The distance to the site should diminish this to well within the recommended noise level outside most buildings of 30 decibels.

Other traffic around the site are not major circulation elements and should not contribute measurably to this noise level.

#### LAND USES-VISUAL

Visual pollution from certain land uses within the PDREC development is a minor environmental problem. The largest single source is the tv tower located directly across from the south-east corner of the site.

#### WATER POLLUTION

The site is located several miles from the city of Florence and its utilities. This means that all utilities will have to be developed on the site and therefore are a source of pollution to the water impoundments on the site and surrounding areas. Waste treatment facilities and heavy animal use areas will require careful placement to insure that they are not potential water contaminants.



**circulation**

**S16-35**

**S16-26**

**S16-173**

**to I-95**

2334

**to I-95**

**1**



1000



# climate

winds  
winter  
8 mph

winds  
summer  
8 mph

## temperature

annual: max. 75.2°  
mean 63.6  
min. 46.3

month: january 52.4  
july 90.1

## precipitation

annual: 43.7"

2

2335

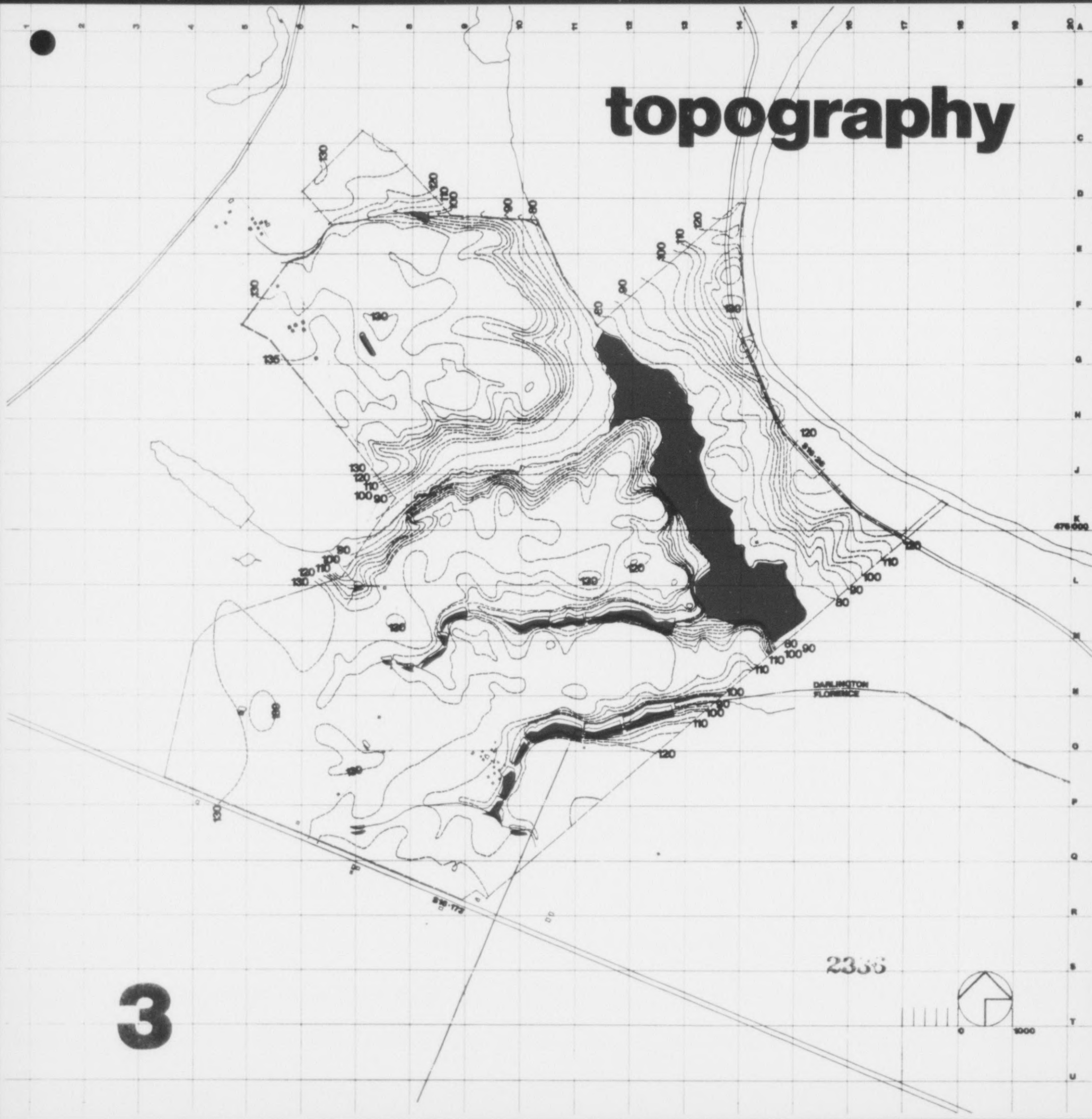


1000

# topography

3

2336





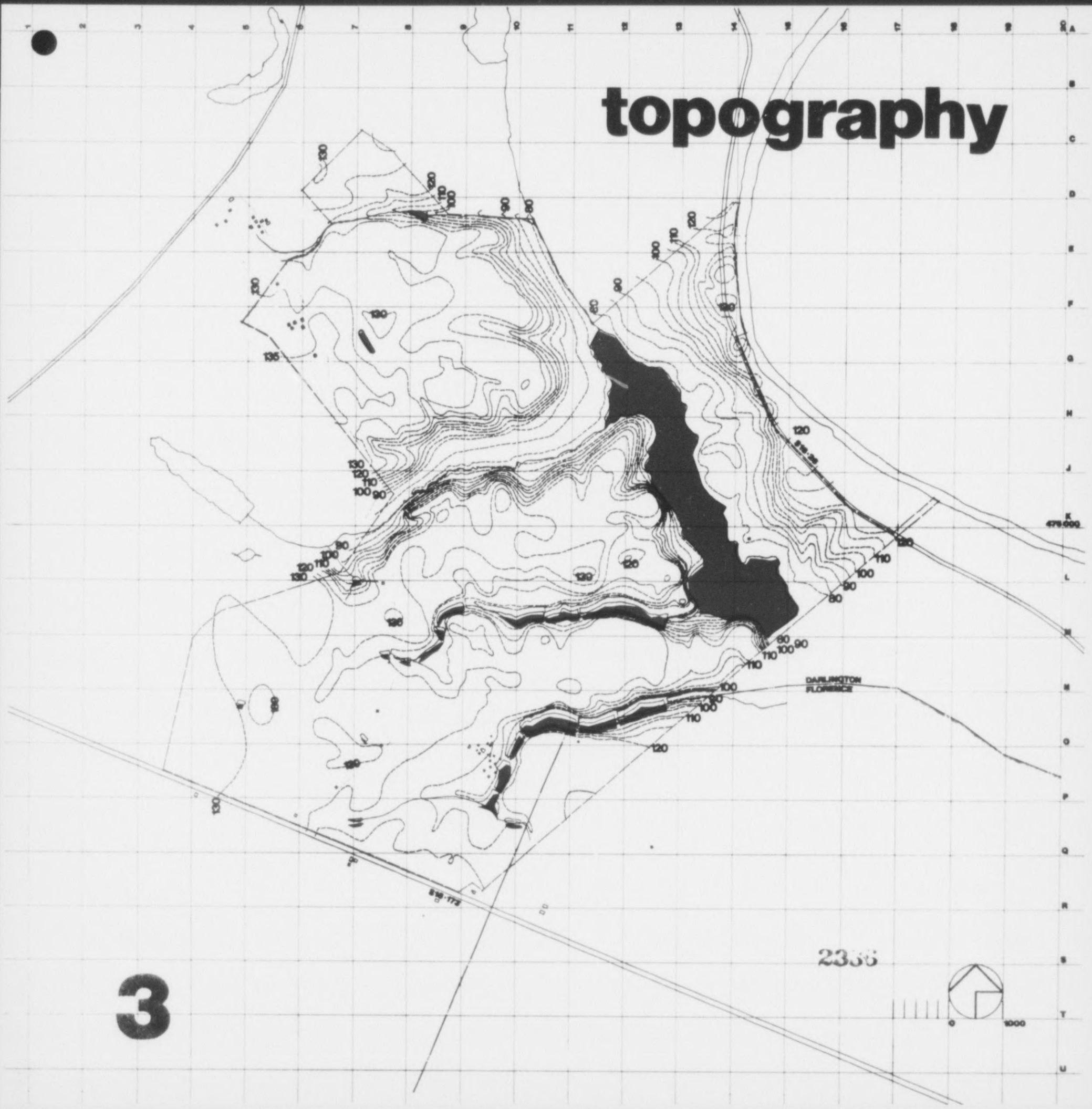
# topography

3

2336

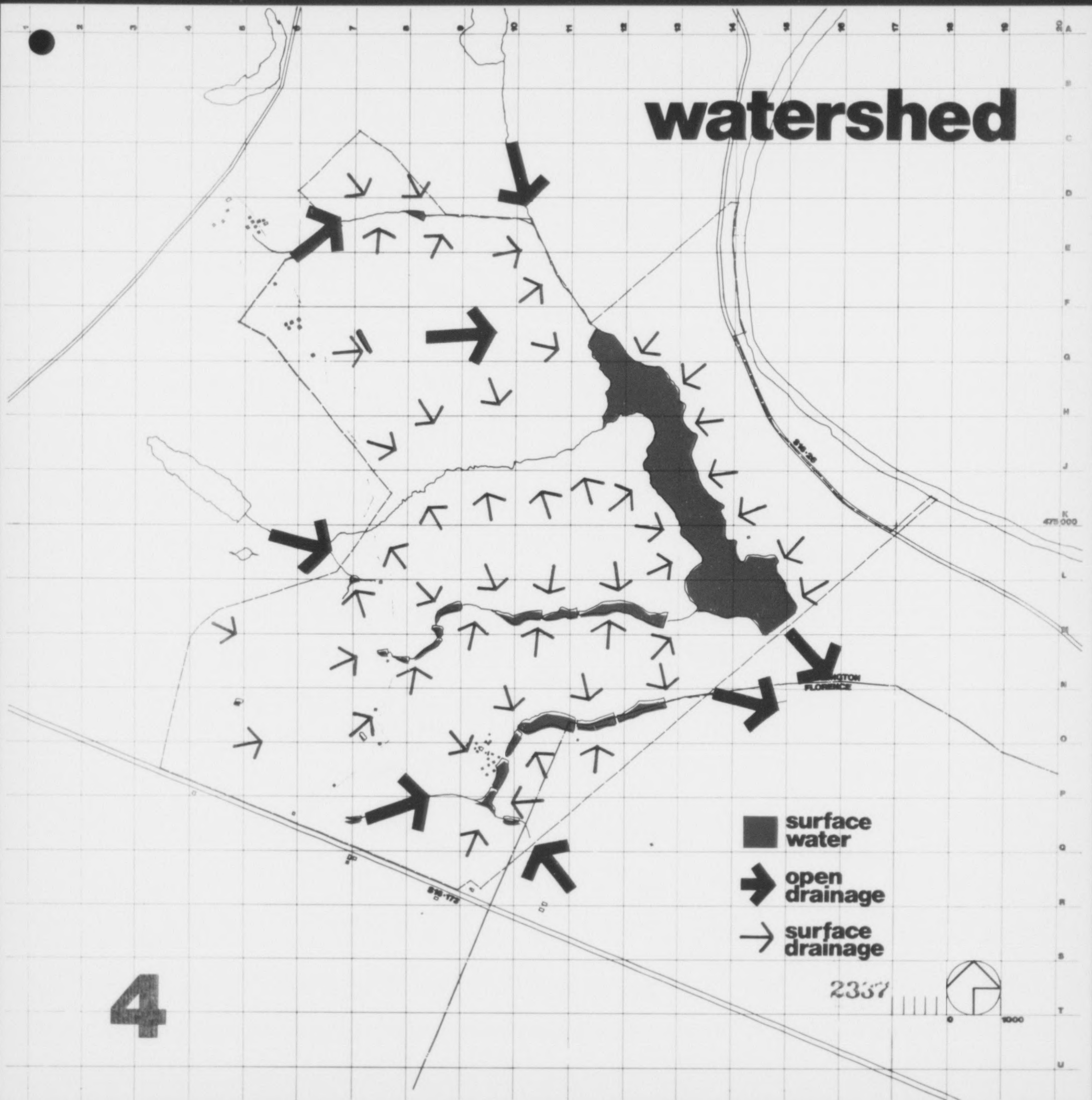


0 1000

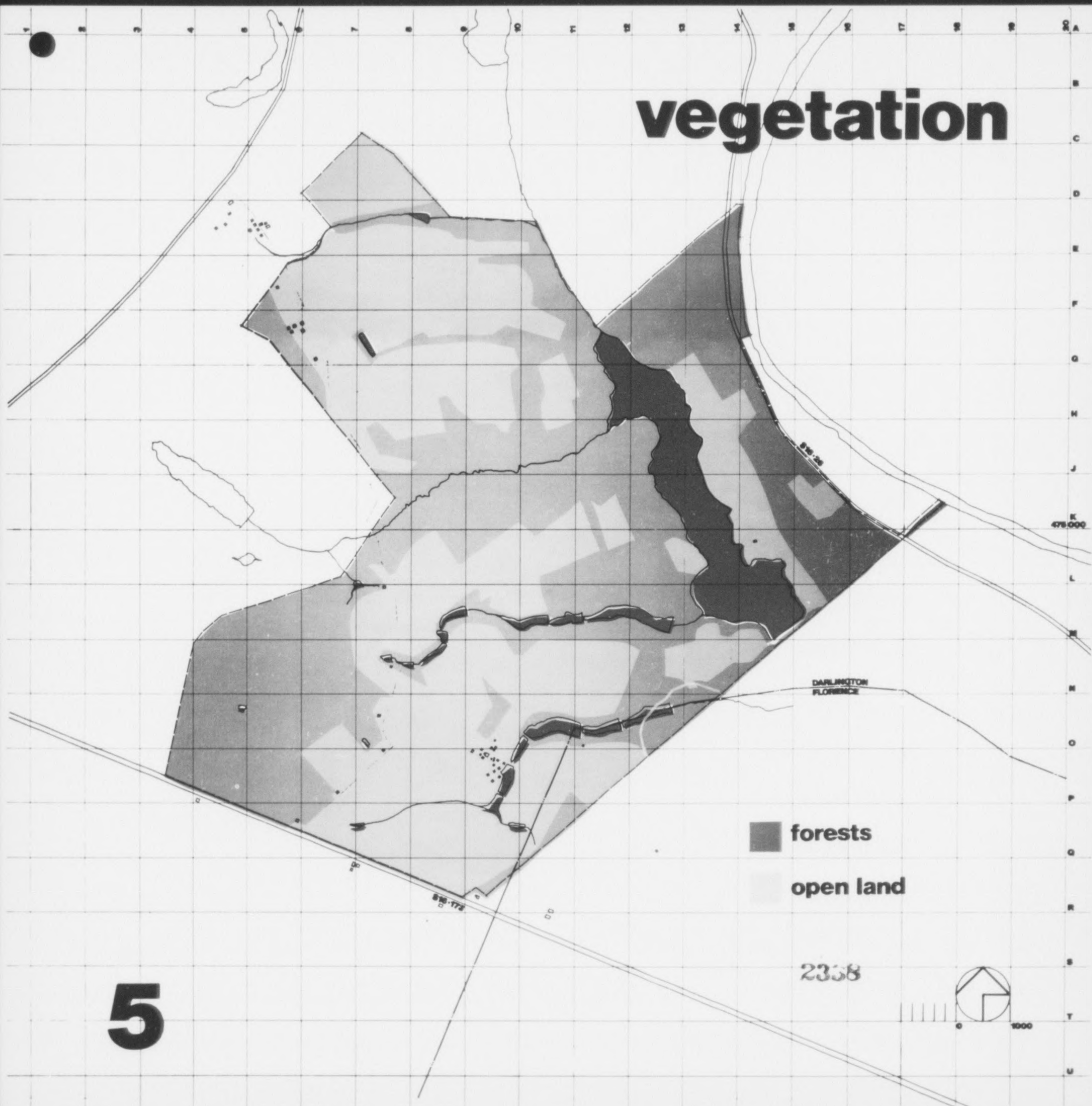




# watershed



# vegetation





**visual**

**5**

**4**

**2**

**3**

**6**

**1**

DARLINGTON  
FLOWENCE

2359

**6**





# soils

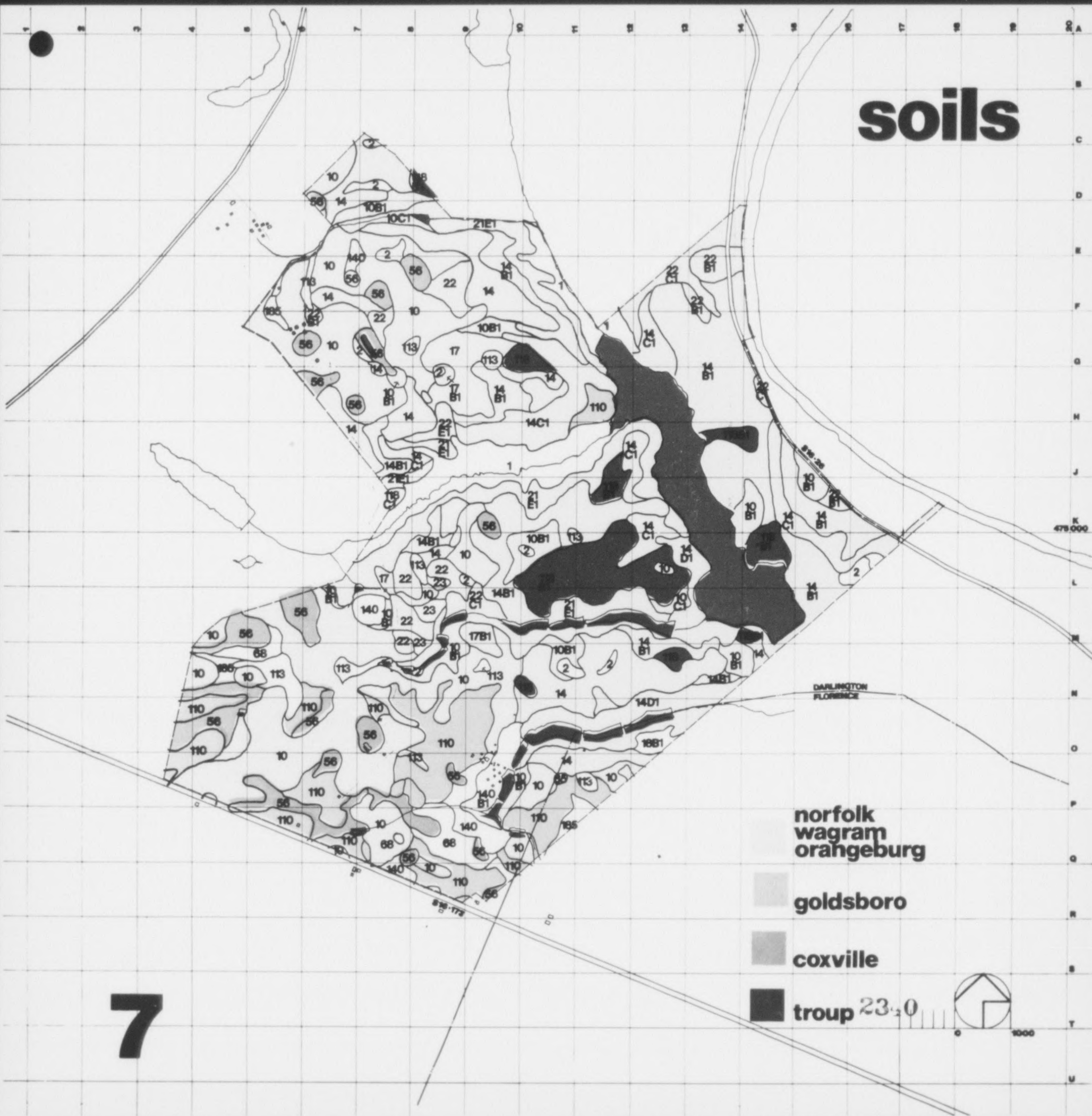
7

**norfolk  
wagram  
orangeburg**

**goldsboro**

**coxville**

**troup 23.0**







# soils

<u>Number</u>	<u>Soil Name</u>		
1	Johnston and Wehadkee soils, frequently flooded	23	Lucy loamy sand 0 to 2% slopes
2	Local alluvial land	56	Coxville fine sandy loam
10	Norfolk loamy sand 0 to 2% slopes	68	Dunbar fine sandy loam
10B1	Norfolk loamy sand 2 to 6% slopes	110	Goldsboro loamy sand
10C1	Norfolk loamy sand 6 to 10% slopes	113	Rains fine sandy loam
14	Wagram loamy sand 0 to 2% slopes	118	Troup sand 0 to 2% slopes
14B1	Wagram loamy sand 2 to 6% slopes	118B1	Troup sand 2 to 6% slopes
14C1	Wagram loamy sand 6 to 10% slopes	118C1	Troup sand 6 to 10% slopes
14D1	Wagram loamy sand 10 to 15% slopes	140	Duplin loamy fine sand 0 to 2% slopes
17	Wagram sand 0 to 2% slopes	140B1	Duplin loamy fine sand 2 to 6% slopes
17B1	Wagram sand 2 to 6% slopes	185	Lynchburg sandy loam
18B1	Lakeland sand 0 to 6% slopes		
18D1	Lakeland sand 10 to 15% slopes		
21E1	Orangeburg and Lucy soils 10 to 25% slopes		
22	Orangeburg loamy sand 0 to 2% slopes		
22B1	Orangeburg loamy sand 2 to 6% slopes		
22C1	Orangeburg loamy sand 6 to 10% slopes		



# soils

## LIMITATIONS AND FEATURES OF SOILS AFFECTING SELECTED USE

Soil Series & Slope Range	Sites for Light Industries	Local Roads & Streets	Septic Tank Filter Fields	Sewage Lagoons	Depth to Seasonal High Water Table (ft.)
Coxville 0 - 2%	Severe— wetness, flooding	Severe— wetness, flooding	Severe—depth to water table, permeability, flooding	Severe—depth to water table, flooding	0 - 1
Dunbar 0 - 2%	Severe—depth to water table, unified soil grouping	Severe— subgrade	Severe—permea- bility, depth to water table	Moderate depth to water table	0 - 1½
Duplin 0 - 6%	Moderate — wetness, shrink- swell potential, unified soil group	Severe — traffic supporting capacity	Moderate—depth to water table, permeability	Slight	2½
Goldsboro 0 - 2%	Moderate — unified soil group	Moderate — subgrade	Moderate—depth to seasonal high water table	Moderate — depth to seasonal high water table, permeability	2½ - 3
Johnston & Wehadkee 0 - 2%	Severe—soil drainage class, seasonal water table, flooding	Severe—soil drainage class, flooding, sub- grade	Severe—depth to water table, flooding	Severe—depth to water table, flooding	0 - 1
Local Alluvial Land 0 - 2%	Moderate	Moderate— subgrade	Moderate— depth to seasonal high water table	Moderate—depth to seasonal high water table, permeability	2½ - 3
Lakeland 0 - 15%	0 - 6% slopes Slight 10-15% slopes Moderate	0 - 10% slopes Slight 10-15% slopes Moderate	0 - 10% slopes Slight <u>1</u> 10-15% slopes Moderate slope	Severe — permeability	6+
Lucy 0 - 25%	0-6% slopes Slight 6-10% slopes Moderate- slope 10-25% slope Severe-slope	0-10% slopes Slight 10-15% slopes Moderate-slope 15-25% slopes Severe slope	0-6% slopes Slight 6-10% slopes Moderate-slope 10-25% slopes Severe-slope	0-6% slopes Moderate- permeability 6-25% slopes Severe-slope	6+

Norfolk 0 - 10%	0-6% slope Slight 6-10% slopes Moderate- slope	Slight	Slight	0-6% slopes Moderate- permeability Moderate- permeability, slope	6+
Orangeburg 0-25%	0-6% slopes Slight 6-10% slopes Moderate-slope 10-25% slopes Severe-slopes	0-10% slopes Slight 10-15% slopes Moderate-slope 15-25% slopes Severe-slope	0-10% slopes Slight 10-15% slopes Moderate-slope 15-25% slopes Severe-slope	0-2% slopes Moderate- permeability 2-6% slopes Moderate- permeability, slope 6-25% slope Severe-slope	6+
Rains 0-2%	Severe- soil drainage class, depth to water table, flooding	Severe- soil drainage class, flooding	Severe- depth to water table, flooding	Moderate- permeability	0-1
Troup 0-10%	0-6% slopes Slight 6-10% slopes Moderate	0-10% Slight	0-10% slopes Slight <sup>1/</sup>	Severe permeability	6+
Wagram 0-15%	0-6% slopes Slight 6-10% slope Moderate-slope	0-10% slopes Slight 10-15% slopes Moderate-slopes	0-10% slopes Slight 10-15% slopes Moderate-slopes	Severe permeability	6+

<sup>1/</sup> Pollution is a hazard to water supplies

# costs

## summary

The following is an estimate of costs involved for the development of the Pee Dee Research and Educational Center located near Florence, South Carolina.

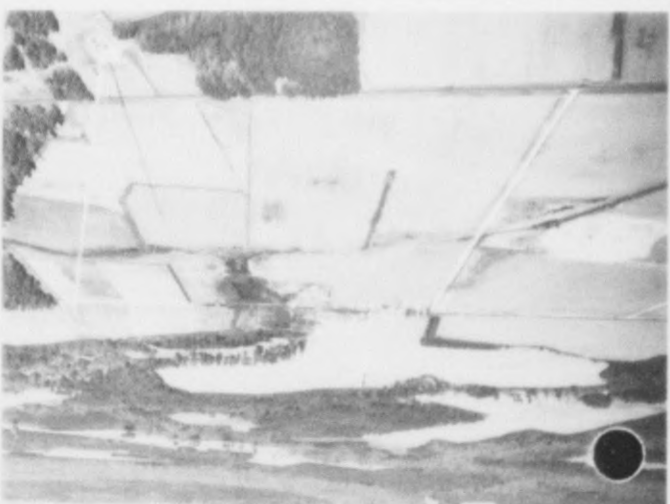
These costs include:

Preparation of 2,297 acres of land with utilities, road systems, land clearing and preparation of land for agricultural research.

Construction of 122,340 square feet of fully equipped and furnished buildings for carrying on the research and educational programs of the Clemson University College of Agriculture.

LAND AREA DEVELOPMENT	COST(\$)
Land Preparation — includes irrigation, fencing landscaping, and parking	463,492
Utility Systems — includes waste treatment, water and road systems	751,470
<b>BUILDINGS</b>	
Research Offices and Laboratories	2,230,799
Educational Facilities	757,997
Processing and Service Facilities	535,457
<b>ESTIMATED COST OF DEVELOPMENT</b>	<b>4,739,215</b>





aerial  
views  
of  
site

# resources

## TITLE

1969 Census of Agriculture  
Source: U. S. Dept. of Commerce

South Carolina Agri. Exp. Station  
Source: Clemson U. Agri.

Land Resource Map of South Carolina  
Source: Soil Cons. Service

Land Resource Map of Florence County

Air Diffusion Patterns — South Carolina  
Source: Weather Service

Climate @ S. C. Agri. Exp. Stations  
Source: USDA - Environmental Science  
Services Adm.

Length of Growing Season in S. C.  
Source: USDA — Env. Sci. Services Adm.

South Carolina Opportunities Production  
Goals - Ecology & Education — 1972  
Source: Clemson University

Growing Opportunities in S. C.  
Source: S. C. State Dev. Board

1. Population Change of Counties — '72  
Source: USDA

2. Population Characteristics  
Source: USDA

3. Agri. Characteristics, S. C.  
Source: USDA  
Soil Survey — Darlington Cty.  
Source: USDA

Cash Receipts from Farm Mtg S.C.  
September 1973  
Source: Dept. of Agri. Economics

Livestock & Poultry Stats. 71-73  
Source: Dept. of Agri. Economics

Livestock & Poultry Stats. 71-73  
Source: Dept. of Agri. Economics

Livestock & Poultry Stats. 65-70  
Source: Dept. of Agri. Economics

Crop Statistics 65-72  
Source: Dept. of Agri. Economics

Atlas of Agriculture 1960-70  
Source: Dept. of Geography  
U. of South Carolina

S. C. Land Use Information System  
Overview — James C. Hite  
Source: Dept. of Agri. Economics and  
Rural Sociology

Industrial Data on Florence County  
Source: Chamber of Commerce  
Florence, S. C.





EXHIBIT III  
South Carolina Department of Mental Health

OCT 24 1974

P.O. Box 485 / 2414 Bull Street / Columbia, South Carolina 29202 / (803) 758-8090

William S. Hall, M.D.  
State Commissioner of Mental Health

October 21, 1974

*Called Dr. Hall 5:00  
10/21  
He will attend P.C.B.  
mtg 10/22 at conclusion of  
drawings - 2:30. AB*

Mr. P. C. Smith, Secretary  
South Carolina State Budget and Control Board  
State Auditor  
P. O. Box 11333  
Columbia, South Carolina 29211

Dear Mr. Smith:

We deeply appreciate the interest you indicated in the South Carolina Department of Mental Health and the concern for our choosing a proper direction on Village A of the proposed Village System --- as was expressed in your telephone conversations with me and with Mr. C. M. Tucker, Jr., Chairman of the Mental Health Commission, on Friday.

The information which you gave to us was fully discussed by those Commissioners present and this letter fully reflects the opinions and wishes of the Commission.

By way of brief review, the Village System is a regional concept of acute intensive treatment programs which have been developed after over five years of study and with countless hours of deliberation by a group of highly qualified professionals from our own staff and with the architectural expertise which was made available through the cooperation of the College of Architecture of Clemson University.

In addition, the Budget and Control Board, the Legislative-Governor's Committee on Mental Health and Mental Retardation, as well as other key members of the General Assembly, have been thoroughly briefed and kept up to date on these plans and the progress of our intentions to fully expedite this project.

It is our professional opinion that construction of the four Villages in key regions of the state will dramatically advance and improve the ability of the Department to meet the needs of patients as well as materially improve the treatment program for the ultimate good of the patient. All groups concerned have agreed with this stated goal.

On September 10, 1974, bids were opened for the construction of Village A to serve the 15-county Midlands area. The bids, in general,

2347-A



Raymond E. Ackerman, M.D.  
Deputy Commissioner Community Mental Health Services

Alexander G. Donald, M.D.  
Deputy Commissioner Educational and Research Services

Thomas G. Faison, M.D.  
Acting Dep. Comm. Alcohol & Drug Addiction Services

P. G. Reeves, Jr.  
Deputy Commissioner Administrative Services

Rodney D. Brown, Ph.D.  
Director Program Development

Charles H. Eater  
Deputy Commissioner Technical Support Systems

Mental Health Commission: C. M. Tucker, Jr., Chairman  
Pageland

G. Werber Bryan  
Sumter

Walter H. Solomon  
Charleston

J. C. Bull, M.D.  
Spartanburg

Bernard Warshaw  
Waltham

Gettis D. Wood, Jr.  
Columbia

Herbert Schneider, M.D.  
Camden

John M. Fennell, M.D.  
Greenville  
Member Emeritus

Mr. P. C. Smith  
Page Two  
October 21, 1974

exceeded greatly what had been our projected construction costs --- but then this figure was based on an estimate some two and one-half years old.

Mercury Construction Company, of Montgomery, Alabama, was the low bidder on the Village project --- and even though their bid likewise exceeded our estimate, it was the opinion of our architects and others that the Mercury bid was more than reasonable in view of exorbitant and highly inflated construction costs of recent months.

The Commission feels that the Department should be allowed to proceed with the construction of Village A, but we recognize that final approval must come from the Budget and Control Board.

Should it be the opinion of the Budget and Control Board that this construction project should be delayed --- current bids being rejected and the project rebid at a later date --- then the Commission will accept your decision and recommendation for further action.

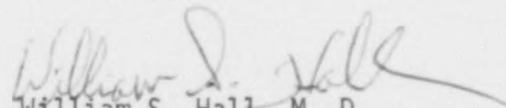
We must act by Friday, which is the deadline under the 45-day time frame for consideration of the bids.

In the event you wish to discuss this personally or desire that I be present or on standby when this matter is presented to the Budget and Control Board, I will be available at your call.

We deeply appreciate the immediate attention we feel sure you will give this project and we anticipate your immediate response.

With warm regards,

Sincerely,

  
William S. Hall, M. D.  
Executive Secretary of the South  
Carolina Mental Health Commission  
and State Commissioner of Mental  
Health

WSH:kp

CC: Mr. C. M. Tucker, Jr.  
Members of the Mental Health Commission

2348

COPY



STATE OF SOUTH CAROLINA  
OFFICE OF THE STATE AUDITOR  
P. O. BOX 11333  
COLUMBIA

P. C. SMITH  
STATE AUDITOR

TELEPHONE  
(803) 758-3106

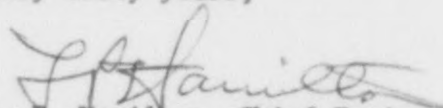
October 15, 1974

Dr. William S. Hall  
State Commissioner of Mental Health  
P. O. Box 485  
Columbia, South Carolina 29202

Dear Dr. Hall:

In response to your letter of October 11, 1974 and the attached "E" forms relative to Village "A", your Mr. Price and I have discussed the project with Mr. P. C. Smith. It is Mr. Smith's feeling that this is a matter for the judgment of the Budget and Control Board, and accordingly the file is being placed with Mr. Smith for the agenda at the Board's next meeting.

Very truly yours,

  
L. P. Hamilton, Chief Engineer  
State Budget and Control Board

LPH/fmj

cc: Mr. P. C. Smith  
State Auditor

2349





## South Carolina Department of Mental Health

P.O. Box 485 / 2414 Bull Street / Columbia, South Carolina 29202 / (803) 758-8090

William S. Hall, M.D.  
State Commissioner of Mental Health

October 11, 1974

Mr. L. P. Hamilton, Chief Engineer  
S. C. State Budget and Control Board  
P. O. Box 11333  
Columbia, South Carolina 29211

Re: Project #26-75  
Village "A"

Dear Mr. Hamilton:

I am enclosing a "Revision of Project Cost Estimate" (Budget and Control Board Form E-11) for your consideration and approval by the Budget and Control Board. The referenced project was initially approved March 9, 1970, as a planning project to more clearly define the type of structures the Department should build to house and treat the mentally ill of the State of South Carolina. The initial request for the \$25,000 was for early involvement of the architect in a study of the type of design for a 200 bed complex for the campus of the South Carolina State Hospital. Through the planning process of our planning committee and research provided by professional consultants, it was determined that the wiser choice would be to establish a new facility with separate identity for the most beneficial treatment of the mentally ill. The Village System was born from this early information.

The research and planning continued and other factors were identified and recognized. The number of beds requested initially was determined not to be the optimal number. The statistical information revealed that approximately 300 beds would be the more economical; therefore, the bed capacity was increased to accommodate the acute patients from the Midlands region of the State. The number of beds needed for this region was 304 total, with 17 of this number as an infirmary. With the statistical information that we are obtaining through our Pilot Project, it appears that the number of acute beds necessary could be reduced, however, with this facility being located in the Midlands region, a number of the beds could be used as a children's unit for the emotionally disturbed children from all areas of the State. The statistics may not hold after the Village in the Midlands region is constructed. We anticipate that there will be an increase in the number of voluntary admissions into the State Mental Facility. Some training and some other ancillary facilities were not included in our earlier financial planning and programming.

2350

Mr. L. P. Hamilton  
October 11, 1974  
Page Two

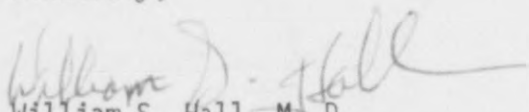
With Village "A" being separated from the existing hospitals, an increase was necessary for these areas.

With the factors mentioned above and with the inflation that has occurred since 1971, the Mental Health Commission has agreed that the contract should be awarded to the low bidder, Mercury Construction Company of Montgomery, Alabama.

The Department of Mental Health is requesting that the Revenue Sharing funds provided by the Appropriation Act for 1973-74 be designated for this project with the remaining funds provided through the Paying Patient Bonding Program provided by Act No. 1100, of 1964, as amended. The Department will earmark \$6,000,000 of the Paying Patient Bond Funds for the construction of the Mental Health Village "B" to be located in the Piedmont region.

Your prompt attention and assistance to this request will be greatly appreciated.

Sincerely,

  
William S. Hall, M. D.,  
State Commissioner of Mental Health

WSH:RBP:csc  
Enclosure

REVISION OF PROJECT COST ESTIMATE

Date October 10, 19 74

Institution or Agency South Carolina Department of Mental Health

Name of Project Village "A" No. 26-75

To: State Budget and Control Board  
Columbia, South Carolina

Your approval of the following revised cost estimate on the above project is requested.

A statement is attached indicating the necessity of these revisions.\*

Item	Last Estimate	Revised Estimate	Change
Site	\$	\$	\$
Grading			
Construction	3,600,000	** 9,395,250	5,795,250
Fees	225,000	544,925	319,925
Renovation			
Basic Equipment and Supplies	600,000	1,125,000	525,000
Landscaping		150,000	150,000
Builder's Risk Insurance		10,000	10,000
Other <u>Advertising, Clemson Architectural Foundation, Consultants, Surveys, Etc.</u>		149,825	149,825
Contingencies	100,000	375,000	275,000
Total Estimated Cost	\$ 4,525,000	\$ 11,750,000	\$ 7,225,000

(Signed) William S. Hall, M.D.  
WILLIAM S. HALL, M. D.,  
Title STATE COMMISSIONER OF MENTAL HEALTH

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
State Auditor

\*If the total estimated cost of the project has been increased, the source of the additional funds required should be indicated also.

\$ 4,525,000 - Bonding Program - of Act 1100 of 1964, as amended - Approved E-11, 2352  
Nov. 4, 1971  
1,225,000 - Bonding Program - of Act 1100 of 1964, as amended.  
6,000,000 - Revenue - of the State and Local Fiscal Assistance Act of 1972.  
Sharing



Project #26-75  
Village "A"

\*\* Cost of construction is based upon the following:

Base bid	\$ 7,857,000.00
Alternate No. 1 - Lodge C	520,000.00
Alternate No. 2 - Lodge F	525,000.00
Alternate No. 3A - Sidewalks, curbs, & Gutters	70,000.00
Alternate No. 4 - Lawn sprinkler system	138,000.00
Alternate No. 6 - Carpet	68,000.00
TOTAL	9,178,000.00
Food Service (Food Service Supplies) (Columbia, S.C.)	217,249.24
Construction	<hr/> \$ 9,395,249.24



STATE OF SOUTH CAROLINA

OFFICE OF THE STATE AUDITOR

P. O. BOX 11333

COLUMBIA

29211

P. C. SMITH  
STATE AUDITOR

TELEPHONE  
(803) 758-3106

August 16, 1974

Dr. William S. Hall, Commissioner  
S. C. Department of Mental Health  
Post Office Box 485  
Columbia, South Carolina 29202

Dear Dr. Hall:

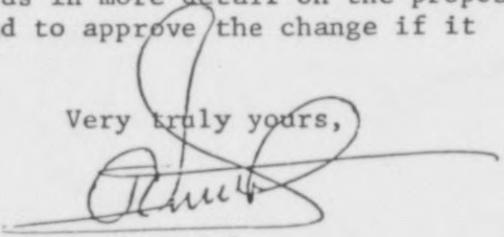
This is in reply to your letter of August 13 regarding the financing of Village "A" and Village "B".

We have not yet determined precisely which construction projects Capital Improvement Bond Funds will be available for during 1974-75. Within a few days you will receive a circular request from us asking that you give us a projection of your actual cash requirements for construction projects during this year. It is, as you probably know, our responsibility that we hold the actual issuance of bonds this year to \$65,000,000.00.

The fact that your projects are well advanced will, I am sure, put you in a priority position. At this point we do not believe you will have any difficulty.

With respect to your using Revenue Sharing Funds for construction of Village "A" rather than Village "B" as designated in the Appropriation Act, we see no objection to this provided the cost of "B" is substantially the same as that for "A". Our concern in this connection is the fact that Revenue Sharing Funds may ultimately be subjected to audit by the Federal authorities, in which case it is always better if these funds are not co-mingled with others. We would suggest that you confer with us in more detail on the proposed change. We will, of course, be glad to approve the change if it appears practicable.

Very truly yours,

  
P. C. Smith  
State Auditor

PCS:dr

2354



## South Carolina Department of Mental Health

P.O. Box 485 / 2414 Bull Street / Columbia, South Carolina 29202 / (803) 256-9911

William S. Hall, M.D.  
State Commissioner of Mental Health

August 13, 1974

Mr. P. C. Smith, Secretary  
S. C. State Budget and Control Board  
P. O. Box 11333  
Columbia, South Carolina 29211

Dear Mr. Smith:

In reference to both your letter of October 19, 1973, stating approval by the Budget and Control Board of additional allocation from available bond funds and your letter of September 19, 1973, allocating available Capital Improvement Bond Funds for 1973-74, the Department has not received an allocation of Capital Improvement Bond Funds for fiscal year 1974-75.

The Department is receiving bids for the construction of Village "A" on August 27, 1974, with the anticipation that funds would be allocated for this Capital Improvement project. Mr. P. G. Reeves, Jr., has discussed with the State Treasurer, Mr. Grady Patterson, the use of Revenue Sharing Funds for the construction of Village "A" and the use of Bonding Funds for the construction of Village "B". Mr. Reeves was informed by Mr. Patterson that the use of funds in this manner was acceptable. With cost of material and labor rapidly increasing, we feel that Village "A" will require the total amount of Revenue Sharing Funds plus a portion of Bonding Funds.

We need the allocation of funds for the beginning of Village "B", especially a portion for planning and design. With the increase in the amount of bonds issued during the fiscal year from \$35,000,000 to \$50,000,000, it is requested that the Information Center and Fire Alarm System remain to be financed by Institutional Bonds and that allocation be granted.

Your assistance and prompt attention to this request will be greatly appreciated.

Sincerely,

William S. Hall, M. D.,  
State Commissioner of Mental Health

WSH:RBP:csc

2355



REVISION OF PROJECT COST ESTIMATE

Date October 10, 19 74

Institution or Agency South Carolina Department of Mental Health

Name of Project Village "A" No. 26-75

To: State Budget and Control Board  
Columbia, South Carolina

Your approval of the following revised cost estimate on the above project is requested.

A statement is attached indicating the necessity of these revisions.\*

Item	Last Estimate	Revised Estimate	Change
Site	\$	\$	\$
Grading			
Construction	3,600,000	** 9,395,250	5,795,250
Fees	225,000	544,925	319,925
Renovation			
Basic Equipment and Supplies	600,000	1,125,000	525,000
Landscaping		150,000	150,000
Builder's Risk Insurance		10,000	10,000
Other <u>Advertising, Clemson Architectural Foundation, Consultants, Surveys, Etc.</u>		149,825	149,825
Contingencies	100,000	375,000	275,000
Total Estimated Cost	\$ 4,525,000	\$ 11,750,000	\$ 7,225,000

(Signed) William S. Hall, M.D.  
WILLIAM S. HALL, M. D.,  
Title STATE COMMISSIONER OF MENTAL HEALTH

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
State Auditor

\*If the total estimated cost of the project has been increased, the source of the additional funds required should be indicated also.

\$ 4,525,000 - Bonding Program - of Act 1100 of 1964, as amended - Approved E-11, Nov. 4, 1971  
1,225,000 - Bonding Program - of Act 1100 of 1964, as amended.  
6,000,000 - Revenue - of the State and Local Fiscal Assistance Act of 1972.  
Sharing

2356

REVISION OF PROJECT COST ESTIMATE

Date October 10, 19 74

Institution or Agency South Carolina Department of Mental Health

Name of Project Village "A" No. 26-75

To: State Budget and Control Board  
Columbia, South Carolina

Your approval of the following revised cost estimate on the above project is requested.

A statement is attached indicating the necessity of these revisions.\*

Item	Last Estimate	Revised Estimate	Change
Site	\$	\$	\$
Grading			
Construction	3,600,000	9,395,250	5,795,250
Fees	225,000	544,925	319,925
Renovation			
Basic Equipment and Supplies	600,000	1,125,000	525,000
Landscaping		150,000	150,000
Builder's Risk Insurance		10,000	10,000
Other <u>Advertising, Clemson Architectural Foundation, Consultants, Surveys, Etc.</u>		149,825	149,825
Contingencies	100,000	375,000	275,000
Total Estimated Cost	\$ 4,525,000	\$ 11,750,000	\$ 7,225,000

(Signed) William S. Hall, M.D.  
WILLIAM S. HALL, M. D.,  
Title STATE COMMISSIONER OF MENTAL HEALTH

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
State Auditor

\*If the total estimated cost of the project has been increased, the source of the additional funds required should be indicated also.

\$ 4,525,000 - Bonding Program - of Act 1100 of 1964, as amended - Approved E-11, Nov. 4, 1971  
1,225,000 - Bonding Program - of Act 1100 of 1964, as amended.  
6,000,000 - Revenue - of the State and Local Fiscal Assistance Act of 1972.  
Sharing

2357

REQUEST FOR AUTHORITY TO EXECUTE A CONSTRUCTION CONTRACT

Date October 14, 19 74

Institution or Agency South Carolina Department of Mental Health

Name of Project Village "A" No. 26-75

To: State Budget and Control Board  
Columbia, South Carolina

Attached herewith is a tabulation of bids received on the above named project on September 10, 19 74

Your authorization is requested to enter into a contract with the following bidder, whose bid has been determined to be the most advantageous:

Name of Bidder Mercury Construction Company, Montgomery, Alabama  
Food Service Supplies, Columbia, South Carolina

	Base Bid & Alternates 1, 2, 3A, 4, & 6	9,178,000.00
*Amount of Bid -	Food Service Base & Alternates 1 & 2 . . . . .	\$ 217,249.24
		9,395,249.24
Amount Estimated Prior to Receipt of Bids - - - - -		\$ 6,500,000.00

(Signed) William S. Hall  
WILLIAM S. HALL, M. D.,

Title STATE COMMISSIONER OF MENTAL HEALTH

APPROVED: \_\_\_\_\_  
State Auditor

DATE: \_\_\_\_\_

Note:—Two copies of Form E-11, "Revision of Project Cost Estimate" should be submitted with this Request.

\*If alternates were involved in the call for bids, it should be clearly shown how the proposed contract figure was determined.



REQUEST FOR AUTHORITY TO EXECUTE A CONSTRUCTION CONTRACT

Date October 14, 19 74

Institution or Agency South Carolina Department of Mental Health

Name of Project Village "A" No. 26-75

To: State Budget and Control Board  
Columbia, South Carolina

Attached herewith is a tabulation of bids received on the above named project on September 10, 1974.

Your authorization is requested to enter into a contract with the following bidder, whose bid has been determined to be the most advantageous:

Name of Bidder Mercury Construction Company, Montgomery, Alabama  
Food Service Supplies, Columbia, South Carolina

	Base Bid & Alternates 1, 2, 3A, 4, & 6	9,178,000.00
*Amount of Bid -	Food Service Base & Alternates 1 & 2	\$ 217,249.24
		9,395,249.24
Amount Estimated Prior to Receipt of Bids		\$ 6,500,000.00

(Signed) William S. Hall  
WILLIAM S. HALL, M. D.,

Title STATE COMMISSIONER OF MENTAL HEALTH

APPROVED: \_\_\_\_\_  
State Auditor

DATE: \_\_\_\_\_

Note:—Two copies of Form E-11, "Revision of Project Cost Estimate" should be submitted with this Request.

2359

\*If alternates were involved in the call for bids, it should be clearly shown how the proposed contract figure was determined.

REQUEST FOR AUTHORITY TO EXECUTE A CONSTRUCTION CONTRACT

Date October 14, 19 74

Institution or Agency South Carolina Department of Mental Health

Name of Project Village "A" No. 26-75

To: State Budget and Control Board  
Columbia, South Carolina

Attached herewith is a tabulation of bids received on the above named project on September 10, 19 74

Your authorization is requested to enter into a contract with the following bidder, whose bid has been determined to be the most advantageous:

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	Base Bid & Alternates 1, 2, 3A, 4, & 6	9,178,000.00
*Amount of Bid -	Food Service Base & Alternates 1 & 2	\$ 217,249.24
		9,395,249.24
Amount Estimated Prior to Receipt of Bids		\$ 6,500,000.00

(Signed) William S. Hall  
WILLIAM S. HALL, M. D.,

Title STATE COMMISSIONER OF MENTAL HEALTH

APPROVED: \_\_\_\_\_  
State Auditor

DATE: \_\_\_\_\_

Note:—Two copies of Form E-11, "Revision of Project Cost Estimate" should be submitted with this Request.

2360

\*If alternates were involved in the call for bids, it should be clearly shown how the proposed contract figure was determined.

# BID TABULATION DATA

Proj No. 26-75

Job No 7106

MENTAL HEALTH VILLAGE "A"  
COLUMBIA, SOUTH CAROLINA

SOUTH CAROLINA  
DEPARTMENT OF MENTAL HEALTH

## BIDDERS

### BASE BID

### SUB - CONTRACTORS

### ELECTRICAL

### HEATING and VENTILATING

### PLUMBING

Alternate No. 1  
Add Lodge C

Alternate No. 2  
Add Lodge F

Alternate No. 3A  
Add sidewalks, curbs, and gutters

Alternate No. 3B  
Add paving system

Alternate No. 4  
Add lawn irrigation system

Alternate No. 5  
Change plaster

Alternate No. 6  
Furnish carpeting

Alternate No. 7  
Omit Swimming Pool

Algernon-Blair, Inc.  
Montgomery, Ala.

6,679,000.00

DFG ELEC.  
CO.

W.L. BLACKSTONE

W.L. BLACKSTONE

593,000

610,000

51,000

146,000

262,000

-45,000

68,000

-15,800

D & J Contractors  
Columbia, S.C.

← NO

BID

SUBMITTED

Mercury Const. Co.  
Montgomery, Ala.

7,857,000.00

DFG

WLB

WLB

520,000

525,000

79,000

103,000

138,000

-59,000

68,000

-11,000

R. H. Coody & Assoc.  
Albany, Georgia

← NO

BID

SUBMITTED

R. H. Elliott, Cont.  
Columbia, S.C.

9,115,000.00

DFG

SIFCO  
INDUSTRIES

O'NEAL

550,571

562,479

63,422

92,917

240,000

-59,000

72,520

-25,540

Tandy Const. Co.  
Charlotte, N.C.

8,648,000.00

DFG

WLB

WLB

625,181

628,824

39,400

106,100

145,800

-36,200

74,900

-16,400

★ LOW BIDDER



100 September 1974

THE TARLETON-TANKERSLEY ARCHITECTURAL GROUP, INC.

SCDMH



# BID TABULATION DATA

PROJ No. 26-75

Job No 7106

FOOD SERVICE EQUIPMENT FOR  
MENTAL HEALTH VILLAGE "A"  
SOUTH CAROLINA DEPARTMENT  
OF MENTAL HEALTH  
COLUMBIA, SOUTH CAROLINA

BIDDERS

BASE BID

Alternate No. 1  
Add Lodge Kitchen

Alternate No. 2  
Add Lodge Kitchen

Carolina Kitchens, Inc.  
Columbia, S.C.

NO BID SUBMITTED

Commercial Metal  
Fabricators - Columbia,  
S.C.

NO BID SUBMITTED

Delay & Daniels, Inc.  
Columbia, S.C.

NO BID SUBMITTED

Food Service Supplies  
Columbia, S.C.

\$ 217,249.24 (1) ORIGINAL BID INCLUDED ALTERNATES BUT DID NOT BRING OUT.  
(197,125.22) (2) CLARIFIED BY LTR. DATED 11 SEPT. 1974 RECEIVED BY SCDMH.

NOT LISTED (10,062.01) NOT LISTED (10,062.01)

Southern Scale & Refrig  
Columbia, S.C.

\$ 162,922.00 (3) QUALIFIED BID, SEE ATTACHED LETTER OF CLARIFICATION. LETTER SENT TO STATE ENGINEER FOR EVALUATION 19 SEPT 1974

11,009

11,009

2362

10 September 1974

THE TARTLETON-TANKERSLEY ARCHITECTURAL GROUP, INC.



44025

FORM OF PROPOSAL

Food Service Supplies, Inc.  
Columbia, S.C.

FOOD SERVICE EQUIPMENT FOR  
MENTAL HEALTH VILLAGE "A"  
SOUTH CAROLINA DEPARTMENT OF MENTAL HEALTH  
COLUMBIA, SOUTH CAROLINA

The undersigned, as bidder, agrees that he has read and familiarized himself with the requirements, stipulations, conditions, terms, and all other contents of the drawings and specifications issued him for the purpose of submitting this proposal. In accord with that called for in the Instructions to Bidders section of those specifications, following is an itemized listing of bids for the specific items of equipment which are to be included, such individual item prices being inclusive of all related charges for taxes, delivery and installation, etc., as stipulated.

Furthermore, it is agreed that all prices shown are based upon that which is called for, unless deviation from same has been specifically authorized by written addendum, in accord with the terms of the specifications.

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>BID PRICE</u>
1.	STORAGE SHELVING	N.I.C.
2.	STORAGE PLATFORMS	N.I.C.
3.	MOBILE DELIVERY LOCKERS	N.I.C.
4.	RECEIVING AND ISSUE TABLE	\$ <u>271.00</u>
5.	TRI-TEMP LOCKER REFRIGERATORS	\$ <u>31,969.08</u>
6.	UTILITY CART	N.I.C.
7.	LAVATORY	N.I.C.
8.	LOCKER WASHING MACHINE	\$ <u>15,143.70</u>
9.	BOOSTER HEATER	\$ <u>785.07</u>
10.	SPARE NUMBER	
11.	COMPACTOR BAG RACK	N.I.C.
12.	MOBILE DUNNAGE RACK	N.I.C.
13.	WASTE COMPACTOR	N.I.C.
14.	SERVICE SINK	N.I.C.
15.	REFRIGERATION CONDENSING UNITS	PART OF ITEM 16
16.	COLD STORAGE ROOM ASSEMBLY	\$ <u>13,144.53</u>

2363



17.	MOBILE SHELVING	N.I.C.
18.	MOBILE FROZEN FOOD RACK	N.I.C.
19.	PORTABLE PRODUCE RACKS	N.I.C.
20.	SPARE NUMBER	
21.	PORTABLE STAND	N.I.C.
22.	MIXER AND ATTACHMENTS	N.I.C.
23.	PREPARATION TABLE WITH SINKS	\$ <u>1,573.00</u>
24.	ELEVATED SHELF	\$ <u>328.90</u>
25.	SLICER	N.I.C.
26.	WASTE CANS	N.I.C.
27.	CAN OPENER	\$ <u>22.88</u>
28.	LAVATORY	N.I.C.
29.	VENTILATOR FIRE CONTROL SYSTEM	\$ <u>929.50</u>
30.	SPARE NUMBER	
31.	DISH STORAGE TRUCKS	N.I.C.
32.	ELEVATED SHELVES	\$ <u>250.25</u>
33.	RACK DOLLIES	N.I.C.
34.	CLEAN DISHTABLE	\$ <u>1,501.50</u>
35.	COMBINATION DISHWASHER/UTENSIL WASHER	\$ <u>2,396.68</u>
36.	EXHAUST HOOD	\$ <u>500.50</u>
37.	PRE-RINSE SINK	PART OF ITEM 41
38.	PORTABLE SILVER SOAK SINK	N.I.C.
39.	ELEVATED SORTING SHELF	\$ <u>128.70</u>
40.	SPARE NUMBER	
41.	SOILED DISHTABLE ASSEMBLY	\$ <u>1,430.00</u>
42.	ELEVATED HOSE REEL	\$ <u>171.60</u>
43.	LAVATORY	N.I.C.
44.	SOILED DISH DEPOSIT PORT	PART OF ITEM 41
45.	FOOD WASTE ACCUMULATOR	\$ <u>1,261.26</u>

2364



46.	CUBE ICE MACHINE	\$	<u>1,246.33</u>	
47.	ELEVATED SHELF	\$	<u>107.25</u>	
48.	EXHAUST VENTILATOR ASSEMBLY	\$	<u>4,004.00</u>	
49.	CONVECTION OVEN	\$	<u>2,947.23</u>	
50.	SPARE NUMBER			
51.	HOT FOOD WELLS	\$	<u>SEE #69</u>	
52.	SPREADER TOP	\$	<u>75.79</u>	
53.	OPEN BURNER RANGE	\$	<u>629.20</u>	
54.	FRY TOP RANGE WITH OVEN	\$	<u>1,634.49</u>	
55.	HEATED PLATE DISPENSER	\$	<u>324.61</u>	
56.	SANDWICH PLATE DISPENSER	\$	<u>140.14</u>	
57.	TOASTER			N.I.C.
58.	SPREADER TOP	\$	<u>75.79</u>	
59.	DEEP FAT FRYER	\$	<u>880.88</u>	
60.	SPARE NUMBER			
61.	REFRIGERATED SALAD/SANDWICH COUNTER	\$	<u>SEE #102</u>	
62.	CHAR BROILER	\$	<u>803.66</u>	
63.	WORKTABLE WITH SINK	\$	<u>1043.90</u>	
64.	ELEVATED SHELF	\$	<u>286.00</u>	
65.	CAN OPENER	\$	<u>22.88</u>	
66.	PORTABLE BREAD AND PASTRY RACK			N.I.C.
67.	REACH-IN REFRIGERATOR	\$	<u>2,063.49</u>	
68.	ICE CREAM CABINET AND DIPPER WELL	\$	<u>SEE #102</u>	
69.	SERVING COUNTER ASSEMBLY	\$	<u>2,037.75</u>	
70.	SPARE NUMBER			
71.	ELEVATED PLATE WARMER	\$	<u>84.37</u>	
72.	SOUP WELL	\$	<u>65.78</u>	2365
73.	SERVICE COUNTER	\$	<u>500.50</u>	
74.	ROLL WARMER	\$	<u>459.03</u>	

75.	COFFEE MAKER	N.I.C.
76.	SAUCER DISPENSER	\$ <u>124.41</u>
77.	SILVERWARE DISPENSER	N.I.C.
78.	ICED TEA URN	N.I.C.
79.	WATER STATION AND ICE BIN	\$ <u>SEE #102</u>
80.	SPARE NUMBER	
81.	MOBILE COLD BUFFET COUNTER	N.I.C.
82.	MOBILE PLATE DISPENSER	N.I.C.
83.	MOBILE BUFFET UTILITY COUNTER	N.I.C.
84.	MOBILE HOT BUFFET COUNTER	N.I.C.
85.	TABLES AND CHAIRS	N.I.C.
86.	PORTABLE BUSSING CART	N.I.C.
87.	CASHIER'S STAND	\$ <u>286.<sup>00</sup></u>
88.	CASH REGISTER	N.I.C.
89.	REACH-IN FREEZER	\$ <u>1,657.37</u>
90.	SPARE NUMBER	
91.	REACH-IN REFRIGERATOR	\$ <u>1,481.48</u>
92.	MOBILE SUPPLY LOCKER	N.I.C.
93.	LAVATORY	N.I.C.
94.	CO2 AND SYRUP TANKS	PART OF ITEM 107
95.	VENTILATOR FIRE CONTROL SYSTEM	\$ <u>715.<sup>00</sup></u>
96.	FLAKE ICE MACHINE	\$ <u>1,360.61</u>
97.	STORAGE SHELVING	N.I.C.
98.	SERVICE SINK	N.I.C.
99.	DEEP FAT FRYER	\$ <u>253.11</u>
100.	SPARE NUMBER	2368
101.	GRIDDLE	\$ <u>396.11</u>
102.	SHORT ORDER STAND WITH VENTILATOR	\$ <u>32,918.60</u>
103.	TOASTER	N.I.C.

104.	REFRIGERATED SANDWICH COUNTER	\$	<u>SEE 102</u>
105.	ICED TEA URN		N.I.C.
106.	ELEVATED DISPLAY CASES AND SHELVES	\$	<u>SEE 102</u>
107.	SOFT DRINK DISPENSER WITH ICE BIN	\$	<u>SEE 102</u>
108.	COFFEE MAKER		N.I.C.
109.	PAPER CUP DISPENSER	\$	<u>120.12</u>
110.	SPARE NUMBER		
111.	DRINK MIXER		N.I.C.
112.	ICE CREAM CABINET WITH DIPPER WELL	\$	<u>SEE 102</u>
113.	CASH REGISTER		N.I.C.
114.	COFFEE WARMER		N.I.C.
115.	UTILITY SINK		PART OF ITEM 116
116.	COUNTER	\$	<u>1072.50</u>
117.	STOOLS	\$	<u>500.50</u>
118.	TABLES AND CHAIRS		N.I.C.
119.	WASTE RECEPTACLES		N.I.C.
120.	SPARE NUMBER		
121.	VENDING MACHINES		N.I.C.
122.	UTILITY CART		N.I.C.
123.	MOBILE DELIVERY LOCKER		N.I.C.
124.	TOASTER		N.I.C.
125.	COUNTER ASSEMBLY WITH SINK	\$	<u>SEE 102</u>
126.	HOT PLATE	\$	<u>151.58</u>
127.	HOT FOOD WELL	\$	<u>80.08</u>
128.	CONVECTION OVEN		N.I.C.
129.	ELEVATED STORAGE CABINETS	\$	<u>547.69</u> 2367
130.	SPARE NUMBER		
131.	REACH-IN REFRIGERATOR/FREEZER	\$	<u>2,210.78</u>
132.	COFFEE MAKER/DISPENSER		N.I.C.



133.	COUNTER	\$ <u>360.36</u>
134.	ICE MAKER	\$ <u>715.00</u>
135.	ICED TEA URN	N.I.C.
136.	PATIENT TRAY DELIVERY CART	N.I.C.
137.	UNDERCOUNTER DISHWASHER	\$ <u>943.80</u>
138.	ELEVATED SHELF	\$ <u>128.70</u>
139.	DISHTABLE WITH SINK	\$ <u>484.77</u>
140.	SPARE NUMBER	
141.	WASTE COMPACTOR	\$ <u>265.98</u>
142.	ELEVATED STORAGE CABINETS	\$ <u>2,598.31</u>
143.	UNDERCOUNTER DISHWASHER	\$ <u>7,550.40</u>
144.	DISHTABLE WITH SINK	\$ <u>3,861.00</u>
145.	WASTE COMPACTOR	\$ <u>2,127.84</u>
146.	LAVATORY	N.I.C.
147.	REACH-IN REFRIGERATOR/FREEZER	\$ <u>17,149.99</u>
148.	CUTTING BOARD	N.I.C.
149.	MIXER AND ATTACHMENTS	N.I.C.
150.	SPARE NUMBER	
151.	COUNTER WITH SINKS	\$ <u>SEE 102</u>
152.	ELEVATED SHELF	\$ <u>1,029.60</u>
153.	ALL-PURPOSE RANGE WITH OVEN	\$ <u>8,172.45</u>
154.	COUNTER	\$ <u>SEE #102</u>
155.	TOASTER	N.I.C.
156.	SERVICE COUNTER WITH STORAGE UNDER	\$ <u>18,304.00</u>
157.	HOT FOOD WELLS	\$ <u>SEE 156</u> 2368
158.	UNDERCOUNTER HOT FOOD CABINET	\$ <u>9,975.68</u>
159.	UNDERCOUNTER REFRIGERATOR	\$ <u>SEE 102</u>
160.	SPARE NUMBER	
161.	ICED TEA URN	N.I.C.

162.	ICE MAKER/DISPENSER	\$ <u>7,709.13</u>
163.	COFFEE MAKER/DISPENSER	N.I.C.
164.	REMOVABLE FOOD PROTECTOR	N.I.C.
165.	SPARE NUMBER #3CS-9	314.60
166.	#C-18 BOOSTER	470.47
TOTAL BID PRICE		\$ <u>217,249.24</u>

In submitting this bid, it is acknowledged that the following Addenda have been received and requirements of same have been included in the prices quoted (Identify Addenda received):

1 & 2

It is agreed that the above unit prices are for use in the event that negotiations are required to bring the project within the budget, or when changes in the work may be required.

RESPECTFULLY SUBMITTED THIS 10<sup>TH</sup> DAY OF SEPT. 1974.

Food Service Supplies, Inc.  
Name of firm or corporation making bid.

BY: Bob Blanton

WITNESS:

TITLE: PRESIDENT  
Owner, Partner or Corporation President or Vice-President only.

Proprietorship or Partnership

ADDRESS: \_\_\_\_\_

ATTEST:

BY: Heber Richardson

TITLE: Secretary  
Corporation Secretary or Assistant Secretary only

2369

(Corporate Seal)



162. ICE MAKER/DISPENSER

\$ 5,781.84

163. COFFEE MAKER/DISPENSER

N.I.C.

164. REMOVABLE FOOD PROTECTOR

N.I.C.

165. SPARE NUMBER #3CS9 HATCO

314.60

166. #C18 BOOSTER

470.47

TOTAL, BASE BID, PRICE (6 UNITS)

\$ 197,125.22

ALTERNATE NO. 1 7 UNITS

\$ 207,187.23

ALTERNATE NO. 2 8 UNITS

\$ 217,249.24

In submitting this bid, it is acknowledged that the following Addenda have been received and requirements of same have been included in the prices quoted (Identify Addenda received):

1#2

It is agreed that the above unit prices are for use in the event that negotiations are required to bring the project within the budget, or when changes in the work may be required.

RESPECTFULLY SUBMITTED THIS 10<sup>TH</sup> DAY OF SEPT. 1974.

Food Service Supplies, Inc.  
Name of firm or corporation making bid.

BY:

Bob Blanton

WITNESS:

TITLE:

PRESIDENT

Owner, Partner or Corporation President or Vice-President only.

Proprietorship or Partnership

ADDRESS:

ATTEST:

BY:

Helen Richardson

TITLE:

Secretary

Corporation Secretary or Assistant Secretary only

2370

(Corporate Seal)



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