

-Founders' Day Anniversary Issue-

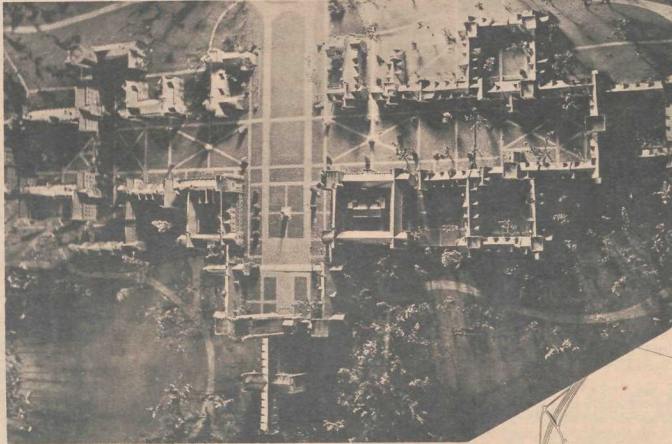
The Duke Chronicle

Volume 62, Number 34

Duke University, Durham, N. C.

Saturday, December 10, 1966

The Fifth Decade: Building On The Past . . .



Neo-Gothic Study Sets Building Plan

By DAVE SHAFFER

In November, 1963, Caudill, Rowlett, and Scott, Architects Planning Consultants, submitted a Campus Design Study to the Building and Grounds Committee of the Board of Trustees. The report was a review of the existing design features of West campus and included recommendations for design philosophy to be incorporated into future planning and building.

Ideally, the report states, any new construction should avoid "sacrificing the beauty of the natural landscape, the unity of the campus, and the heritage of existing buildings."

The report first takes an inventory of the characteristics of West campus, including: large tracts of rolling terrain, densely wooded and superbly landscaped strong architectural unity through steadfast adherence to a formal axial plan; "a magnificent chapel — symbolic and awe-inspiring"; two separate but connected campuses serving one student body; and "a row of unrelated brick buildings" on Science Drive.

On the basis of this inventory, the study's authors analyzed the essential characteristics of the Gothic architecture on West campus and made suggestions for incorporating these characteristics into comparatively inexpensive, more efficient, and more modern design for future construction. The authors felt that the rising cost of duplicating the original, along with its functional shortcomings, demanded more economical construction and a more workable plan.

The type of Gothic architecture evident on West, the report concluded, has limited functional value and is no longer necessary to duplicate outside of the Gothic quadrangle. The basic considerations of the Gothic style, however, should be imitated.

The inherent characteristics of Gothic architecture were classified as: verticality, human scale, richness, variety, and unity. All of these characteristics may be seen on West and should be incorporated into new designs in modified forms.

Verticality, the most obvious of the Gothic characteristics, "suggests the noble, the dramatic, the inspiring." The study recommends that verticality be emphasized wherever possible, with particular consideration given to the foreshortened view one has of a building while walking past it. This vertical element may be expressed by columns, stair towers, and pipe chases, and by giving a vertical proportion to windows, doors, and wall panels where possible.

Less obvious an element than verticality is human scale — the individual scale of the buildings is based upon the span of a man's hand. Despite the loftiness of the chapel and others of the original buildings on West, the human hand can span almost any element, and the proportions of the larger elements are generally human proportions.

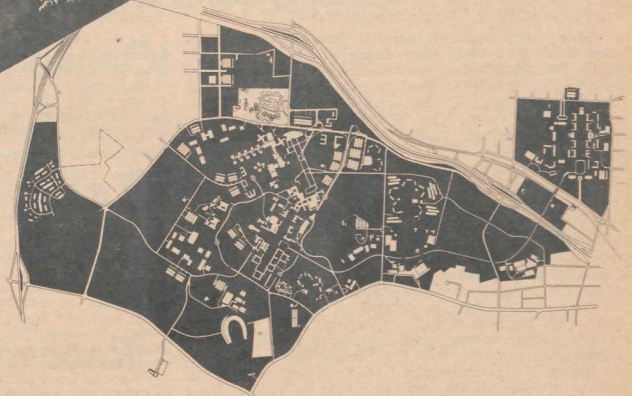
The richness of the Gothic style is evident in the extensive ornamentation used on the older buildings, but the cost of duplicating these has become

(Continued on Page 3)

Special Issue

Tomorrow is the forty-second anniversary of the Indenture of Trust which created Duke University. From that time to this Presidents Few, Flowers, Edens, Hart and now President Knight have given distinguished leadership. The University under their guidance was once isolationistic, bolstering internal strength without expansion. In the late fifties a new outlook resulted in a massive long range planning study. From this has come the Fifth Decade, a program of expansion and improvement to meet the needs of a great university in our growing society. We salute Mr. Duke on this Founders' Day, even as we try to understand the extensive plans now made for his University in the Fifth Decade.

. . . For A Vigorous Future



'A National Force In Every Field'

Master Plan Sets Decade Goals

By JIM McCULLUGH

Ever wonder if President Knight, sitting at breakfast, asks himself, "Where will I get \$93,864.97 today?"

It's doubtful that he does. The University's Fifth Decade program leaves time for precious little sitting or reflection, only working.

The program is vast. The committees, reports, plans, and revised plans grow in number almost daily, and no part of the campus can help but feel their touch. Time lends fury to all the activity — the Fifth Decade is entering its second year.

How did it begin? and what does it cover?

The fifth Decade grew out of the reports of the Long Range Planning Committee, beginning in 1958 under President Hart. Essentially, the program is an extension and revision of these reports.

It is rumored that the term "Duke's Fifth Decade" was originated on the back porch of

the Vice President for Institutional Advancement, and that this was shortened to "the Fifth Decade" by President Knight. In any case, as Vice Provost Dr. de Vyver put it, "it's a good 'talking' word."

First in all the booklets is undergraduate education. The problem is seen as threefold — improving its quality, recognizing simultaneously the time needed by faculty members for other work, and making use of the higher level of preparation in the students.

Firm plans are not given, but the outlook is clear: fewer graduate instructors, less time spent on "basic and routine" work, and more research with faculty. Also, more seminars and interdisciplinary courses.

The aim in graduate and professional education is for the University to make "a significant contribution in all the major disciplines."

This will include setting up or greatly improving programs in:

art, the classics, music, Russian, mechanical and electrical engineering, geology, German, philosophy, business management, and the Romance languages.

Major revisions are underway in the curricula of the School of Medicine and the College of Engineering, which reflect the change in outlook of these two areas and which may even draw them closer together.

Complementary to both the above areas is the need for faculty. Particular emphasis is laid upon increasing the number in four areas: The College of Engineering, a majority of the disciplines in the humanities, the Department of Geology, and the Med Center.

Over the decade some 237 professors will be added, along with 339 associate and assistant professors. One hundred instructors are also included in the planned increase from 851 to 1527 faculty members.

Qualitative upgrading of the
(Continued on Page 5)

The Duke Chronicle

FOUNDED IN 1905

The opinions expressed on these pages are not necessarily those of the University.

Pleading The Fifth

We commemorate this weekend the forty-second anniversary of the signing of the Duke Endowment on December 11, 1924. The University is the principal beneficiary of the nearly \$150 million Endowment left by James B. Duke. Now, in the second year of the Fifth Decade, we recognize "our responsibility for using his gifts wisely," as President Knight noted last night.

The University has embarked on a decade of expansion that should see more than one hundred million dollars expended on new facilities, the student body enlarged by 60 per cent, and the faculty by better than 75 per cent. The University seeks national recognition, yet welcomes its continuing regional responsibilities. It feels an obligation to open its doors wider as the number of qualified students seeking admissions increases. It wants to diversify, to offer a greater range of possibilities to those who come. It hopes through improved instruction and facilities to provide the best possible education for all its students.

The University strives for greatness. In this quest for greatness, however, we must be careful that we do not overlook some of those things that will make us truly great. In his 1962 Founder's Day address, Dr. Knight, then President-Elect, warned that "Issues that go by default, good ideas sacrificed to expediency, money and material that come to look more important than the mind and spirit—these are the immediate and destructive forces which a University must face. . . ."

At a time when our major efforts are directed toward fund-raising and these funds are earmarked primarily for construction, we must remind ourselves that a University is only as good as its faculty. Money that goes into buildings at the expense of faculty salaries is never well spent. The 'A' faculty salary rating is reportedly in jeopardy. While enrollment is considerably ahead of projected figures, faculty recruitment is behind. Any expenditure, and revision in the Fifth Decade program to close this gap would be justified.

The improvement of our educational system comes before all else. We must not be afraid of being a leader in university reform; taking a big step in this area as we have in another with our building program. A new idea should be judged solely on whether or not it will move us toward our goal of better education. We cannot hold back because an idea is untried or because it would meet with regional disfavor. We must not be bound by artificial or conventional notions. President Knight identified this as our "style," in his Convocation address. "In the style of a university I see," he said, "the power to have a vision of what will or might be and to risk a good deal in accomplishing that possibility. The willingness to risk is part of the style of a sensitive place. . . ."

The University must be willing to take risks in any area in which it has a legitimate concern. A university that fails to exert leadership in the community, fails to guarantee dignity to both its students and its employees, or fails to support free speech unflinchingly does so only at the expense of its integrity. Money can never be a consideration deciding what is right.

The University has a great future if it is truly committed to improving education and if it is not afraid to take the necessary risks. We look anxiously to the fulfillment of this promise in the Fifth Decade.

308-A

Dr. Knight presided at the Founder's Day dinner last night. In his introductory remarks he noted that "Undergraduates are alumni who have not grown up." Later he warned that "Cliches for others are the best ways not to understand them."

Whoops!

Dr. Knight also told the story about the time Washington Duke admitted that there were only three things he didn't understand. "One," he said, "is electricity. One is the Holy Ghost. And one is my son, Buck Duke."

We sometimes get the feeling our elders still do not understand us

We asked for the current figure on Trustee contributions to the Campaign and were told that "It would be premature to release this figure at this time." We understand that the approximate figure to date is \$2.5 million and that the announcement is being held back until the figure gets to \$4 million. We sure hope they make it. That would mean that the Board as a group qualifies as a Major Gift giver.

In doing research for this issue, it was discovered that books on the University, all ten of them, are kept in the Undergraduate Reading Room under 18th Century Literature.

The Campaign: A Committee Operation

By MARK LOVINGTON
If financial contributions are to be the criteria of success for the Fifth Decade, then the greater responsibility for the project's successful completion lies with the Campaign Operations Committee (COC).

Raising the \$102.8 million needed for the first phase of the program is no small task. The complexity of the COC's organization seems to be directly proportional to the size of its goal.

Structurally, the COC is the fund-raising sub-committee of the Trustee Committee for Institutional Advancement. It functions as the organizing and controlling group for the systematic investigation and solicitation of sources for campaign funds. Under the primary committee are three major sub-committees, divided as to the size of the gifts handled by each.

The three groups are, Major Gifts, \$100,000 and above, Special Gifts, \$10,000-\$99,999 and Key Gifts, \$1000-\$9,999

Major Gifts Active

Major Gifts has been the only active group, soliciting donations from several individual contributors ranging as high as \$5 million. The other two committees are expected to become active in later stages of the campaign.

General Chairman of the campaign, George V. Allen, who calls the fund drive for the Fifth Decade "The most ambitious capital fund campaign yet undertaken by an American university," considers its

Dave Birkhead, Mary Earle, and Joe Schwab answer questions on the WDBS OPEN MIKE Program. 9 p.m. Sunday.

first year a success. As of October 31, 1966, \$88 million had been collected toward the eventual goal of \$102.8 million.

Of this figure, \$44 million came from private sources solicited largely by the Major Gifts Committee. The balance comes from federal grants and loans and from an \$8 million grant from the Ford Foundation.

Branch Offices Collect

Many of the funds were collected in Fifth Decade Campaign offices that have opened in New York, Atlanta and Washington, D. C.

Funds received in the campaign are to be used for capital purposes, current operating expenses and endowment funds. Thus gifts to the Loyalty Fund used for operating expenses are to be counted toward the final goal.

While the remaining \$35 million to be collected presents a great challenge to the COC and all those interested in the Fifth Decade program, the organizers

expect that with the continued interest and enthusiasm of the fund-raisers, the goal can be met.

Acknowledgement

The Chronicle wishes to acknowledge and thank these members of the administration for their cooperation and interest in this special issue, as shown by their willingness to provide us with pertinent materials. The content of this issue, of course, is the responsibility of the Chronicle and is its interpretation of the material made available to us.

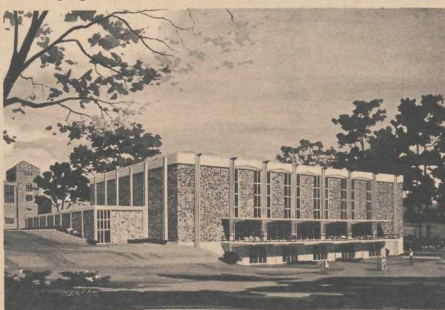
—Vice President for Business and Finance Charles B. Heustis.

—Vice President for Advancement Frank Ashmore

—Director of Development Tom Broce

—University Architect James A. Ward.

—Vice Provost Frank DeVyer.



UNIQUE DIVING FACILITIES are included in the planned Swimming Pool building which will be located near Card Gymnasium. The contracts have not been let for this project, so no completion date is available.

Unity Still Possible

Renovations Defer Arts Center

department.

The Arts Center had originally been planned as three buildings located directly behind Alspaugh House on East. Part of the idea was to centralize the work in the arts. The change of plans represents a compromise with aesthetics in the name of time, efficiency and economy.

The new plan will get the pictures and sculptures of the Brummer collection hung sooner. The Music Building was and

still is the first building of the original center planned for construction. The priority on the Science renovation (bids out in four months?) may have the first part of the planned renovation done by September, 1968.

The new plan will also use space in buildings now unused. Few classes are scheduled in the ugly main lecture hall in Science. When the Chemistry Building is completed, the chem labs in Science will be vacated. When the Engineering Building is complete and the old Engineering is renovated for math and geology, Science will be empty but for a few English offices.

Finally, the new plan will save a good deal of money. The Science renovation had already been planned, costing \$500,000. The Art Building plans are incomplete.

With all this, however, the old plans will probably not be thrown away.

In the paraphrased words of one administrator, "When I come back in twenty years and say to the Board 'I'll give you a million dollars if you put the arts back together as they were originally planned,' then they're going to be able to do so. This other plan is fine for now, but it would be a shame that if they ever had the money they couldn't build what's best."



FINANCED BY THE NATIONAL SCIENCE FOUNDATION, the Animal Behavior Station, or primate colony, will soon rise in the Forest. It will contain "animals that have the pointed ears and snout and bushy tails of squirrels but otherwise look like monkeys." The Colony, scheduled to cost \$366,000, will be completed sometime in 1967.

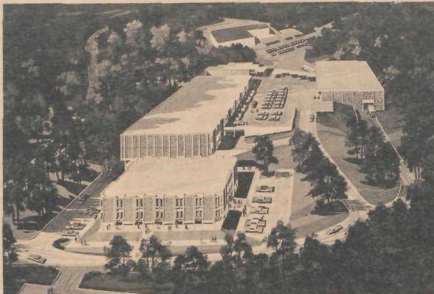
\$75 Million For Building

THE \$75 MILLION set aside in the Fifth Decade program will finance the following buildings. Projects which have not been contracted yet have no firm target dates. In the absence of dates we have inserted an indication of the phase in which the building will be constructed.

| Facility | Presently Estimated Cost | Target Date |
|-------------------------------------|-----------------------------|----------------|
| GENERAL EDUCATION BUILDING | | |
| Main Library Addition | \$7,000,000 | April '68 |
| Chemistry Building | 4,000,000 | Dec. '68 |
| Renovate Old Chemistry | 1,300,000 | B |
| Renovate Old Engineering | 1,400,000 | C |
| Phytotron | 1,885,000 | Aug. '67 |
| Arts Center (Music) | 2,400,000 | Dec. '69 |
| Accelerator Building | 545,000 | Sept. '68 |
| Special Library Materials | 600,000 | A |
| WOMAN'S COLLEGE | | |
| Renovate Science | 750,000 | A |
| P.E. Building | 800,000 | A |
| Renovate Library | 500,000 | B |
| Renovate Carr | 500,000 | A |
| Undergraduate housing | 3,300,000 | Sept. '68 |
| Student Center | 1,200,000 | A |
| UNDERGRADUATE MEN | | |
| P.E. Building | 800,000 | A |
| Union Renovate | 200,000 | Dec. '67 |
| Housing—Phase I (complete) | 3,800,000 | Nov. '66 |
| Housing—Phase II | 3,000,000 | B & C |
| COLLEGE OF ENGINEERING | | |
| Engineering Building | 4,000,000 | A |
| MEDICAL CENTER | | |
| PDC Clinic Addition | 150,000 | complete |
| Basic Sciences I | 5,235,000 | May '68 |
| Clinical Research (Hyperbaric) | 1,704,000 | Nov. '67 |
| Hospital Renovations | 800,000 | |
| Teaching/Administration | 10,000,000 | |
| Library | 2,000,000 | A |
| New Hospital (140 beds) | 8,000,000 | |
| Hospital Chapel | 155,000 | B |
| DIVINITY SCHOOL | | |
| Divinity Addition | 2,002,000 | July '69 |
| MARINE LAB (Beaufort, N. C.) | | |
| Research/Teaching Bldg. | 1,000,000 | A |
| LAND AND SERVICE FACILITIES | | |
| Heating Plant Renovation | 600,000 | Feb. '67 |
| Parking and Roads, Phase I | 520,000 | A |
| Parking and Roads, Phase II | 780,000 | B & C |
| Renovate Insti. Ad. and Old | | |
| Presidents House | 150,000 | May '67 |
| Service Center | 2,400,000 | B & C |
| Duke Press Building | 300,000 | A |
| Land Acquisition | 1,000,000 | A |
| TOTAL COST | 75,576,000 | |

The following projects have been added since the most recent edition of the Fifth Decade.

| | | |
|----------------------------------|-------------------|----------|
| Electrical System | 3,000,000 | 1968 |
| Primate Colony | 366,000 | 1967 |
| Hospital Main Entrance | 5,180,000 | June '67 |
| Rehabilitation, Phase I | 839,000 | Nov. '67 |
| Rehabilitation, Phase II | 1,001,000 | Nov. '68 |
| Vivarium | 2,310,000 | Oct. '67 |
| Limited Life Bldg.-Research Park | 700,000 | Oct. '67 |
| GRAND TOTAL | 88,962,000 | |



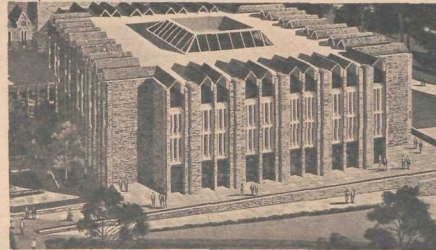
ONE OF THE MOST NEEDED FACILITIES now being planned is the Service Center to be located south of Campus Drive near East. Unfortunately this project has not been much of a drawing card for donations up to now.

Published every Tuesday, Thursday, and Saturday of the University year by the students of Duke University, Durham, North Carolina. Second-class postage paid at Durham, North Carolina. Delivered by mail \$7.00 per year. Subscriptions should be mailed to Box 4686, Duke Station, Durham, North Carolina, 27706.



THREE NEW WOMEN'S DORMS are presently scheduled for completion in September, 1968. If construction delays plague this project, a housing shortage of unique proportions will result. The new dorms, located between Southgate and

Carr Buildings, will accommodate a projected increase in enrollment. To unite the architecturally disparate buildings around them, the new dorms will be constructed of a pink brick.



THE WILLIAM R. PERKINS LIBRARY is now scheduled for completion in April, 1968. The enlargement will more than double the capacity of the stacks, raising the possible holdings to two million volumes.

Fund Drive Progress Ahead Of Schedule

By JACK LESUER

Prior to the announcement of the Ford Foundation grant, the total financial requirement of the University's Fifth Decade program was set at \$187,411,000. This figure breaks down as follows: \$44,400,000 for annual budget support, 1965-75; \$40,600,000 for increased endowment funds and \$102,411,000 for plant expansion and renovation. On June 5, 1965, the trustees adopted a three-year goal of \$102,876,000 to be raised by the end of 1968. The Ford grant, which will provide the University with one dollar for every four dollars raised, established an additional and separate goal of \$32 million to be reached by June 30, 1969.

Figures showing progress through November 30, 1966, indicate that money-raising efforts in both these areas are running ahead of schedule.

Totals of \$43,996,656 from funds pledged or in hand, \$17,715,147 from anticipated federal grants and loans and \$8,354,000 from anticipated matched funds from the Ford Foundation leave the balance of the \$102 million goal to be acquired at \$34,810,197—this with less than one year of three having passed.

Gifts received toward the Ford grant goal through the

same date amounted to \$1,704,374 and, added to \$3,611,500 in unpaid pledges, left \$26,684,126 to be raised. While this progress has not been so rapid as that toward the larger figure, it represents only five months of a 36-month period. A more accurate indication of the progress will be available after one complete year of the Ford program passes.

It is expected that in meeting the \$32 million Ford challenge, the \$102 million goal will be surpassed.

-Design Study-

(Continued from Page 1)

prohibitive. The study suggests that decoration of future buildings be an extension of the Gothic tradition of enrichment of essential elements. "The size and texture of masonry units or exposed aggregate, treatment of window framing and door hardware, the design of water drainage features, can all be handled in ways that enrich without ostentation or artificiality."

The variety of West's architecture within the unifying Gothic form and basic materials impressed the authors of the study. While modern technology tends to create more uniformity in construction, the rolling character of future building sites on campus will work to offset this uniformity.

Turning from the character of the Gothic style to its components, the study recommended that modern methods be utilized to achieve unity through the use of the basic materials already in use in the Gothic quadrangle. A technique which could be employed to recall the existing use of the Duke stone would be, the study suggests, to use a large aggregate in precast wall panels (this technique was employed in the construction of the new men's residence halls.)

Calling attention to the unique color properties of the stone buildings "should respect the

(Continued on page 6)



CONTROLLED CONDITIONS for plant growth will be kept in the Phytotron behind the Biological Sciences Building. The \$1.8 million facility is planned for completion in August of next year. The concrete shell of the building is now being completed.

Student Group May Hold Fund Drive

By KATHY GOSNELL

The student arm of the Fifth Decade program is the Student Development Committee, headed by Kent Zaiser '67.

Sponsored by IGC, the committee works with Frank L. Ashmore, Vice President for Institutional Advancement. At the present time, the only committee member is Zaiser, who, with Guy Solie '67, is choosing the rest of the committee. He plans to complete the membership by January.

"We will work on getting out information to students, supplying manpower to various pro-

jects of the Fifth Decade program and possibly, running a fund drive among students," explained Zaiser.

These plans are concentrated into one big effort to be made in February. Pamphlets will be distributed to the students explaining the goals of the Fifth Decade program and expected sources of revenue.

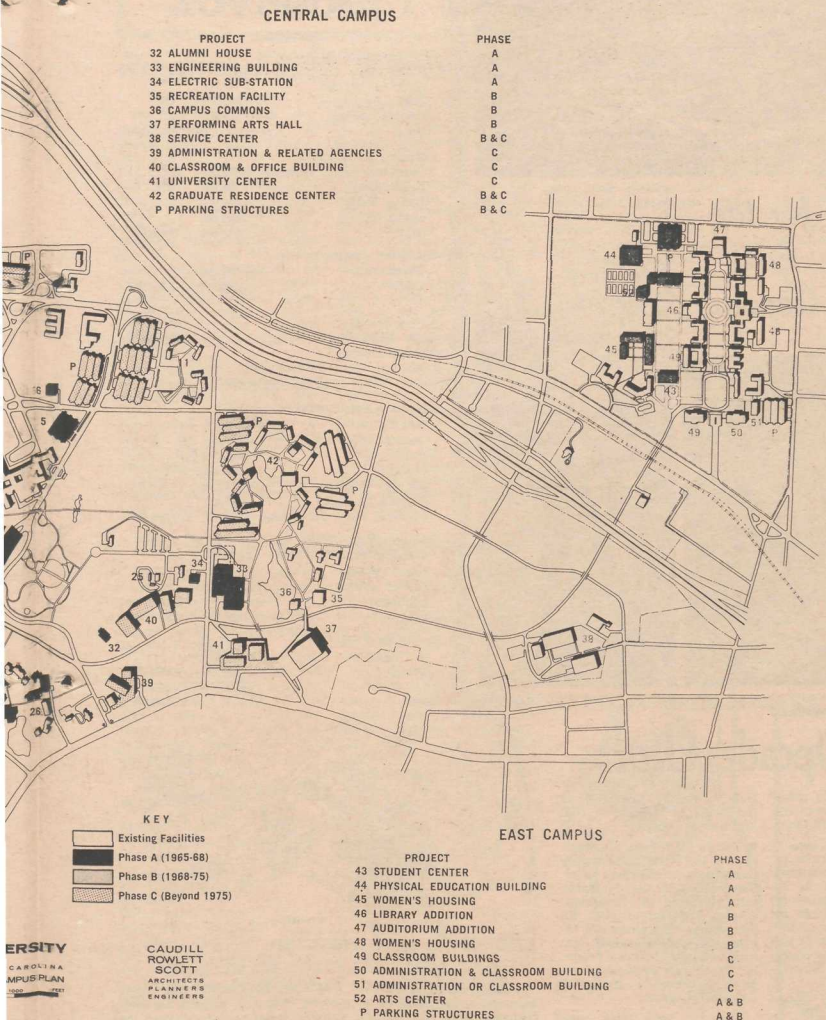
The University is renovating the house across from the Admissions Office with the idea of putting in an information center and reception area, which may be staffed by students, according to Zaiser.

Tentative plans for a fund drive include a door-to-door campaign and a request to seniors to donate their \$25 room deposit fee to the drive. Presently, the deposit is returned to graduating seniors, who are asked to contribute it to the Alumni Fund by that office. A pilot committee would be selected to handle this project separately from the other two functions of the Development Committee, if a fund drive is decided upon.

A student-alumni coordinated drive for funds on a more general scale is also being considered.

The plans for the project are not well developed. Phase I covers most cases completely unplaned for most basic functions. An example is a Center located south of the central campus. Beyond this is a city center by geographical ties are notably undeveloped in planning.

ole Campus Expansion Program



Building Procedure Details Route For Proposed Projects

By MARK PINSKY

How are buildings built at Duke?

When a particular department feels that their facilities are inadequate, a "Users Committee" is appointed to assess those needs. The nature and scope of these changes, including estimated project costs, are then discussed with the Education Facilities Committee and administration officials. A decision is then made whether remodeling, additions or a new facility is desirable.

Formal Procedure

If the discussions are favorable and a new facility is recommended, formal procedural machinery is set in motion. Very briefly the steps are:

1. The "Users Committee" prepares a program outlining the specific needs.
2. This program is presented to the E.F.C. for approval and submission to the President. (The University Architect is then advised that the project is ready to be launched.)
3. The University Architect, the Administrative officers and the "Users Committee" take the proposal to the Buildings and Grounds Committee of the Board of Trustees. Their approval includes scope, architecture and location of the building.

Step II

4. A Project Architect, along with the University Architect and the "Users Committee" draws up an architectural program and design development drawings and returns with them to the Buildings and Grounds Committee for step II approval.

5. With this approval obtained the University Architect authorizes the Project Architect to proceed with plans and specifications.

6. Copies of the plans are then reviewed by the University Engineer, the Assistant Business Manager and the Architect.

Step III

7. The Buildings and Grounds Committee considers the plan a third time to decide on advertising for bids and awarding contracts. (All funding arrangements are handled by the Vice President for Business and Finance and the Executive Committee of the Board of Trustees.)
8. Bids are then let, a contractor chosen and an agreement is made.

9. Before work is begun, a pre-construction conference is held which includes the University Engineer, Assistant Business Manager, representatives of the "Users Committee", Project and University Architect, and Engineers, contractors, subcontractors and all involved government agencies.

Objective

These procedures may seem to be extraordinarily lengthy and detailed, but they have the obvious advantage of preventing the wasting of resources through hasty and thoughtless action.

To The Map-

ive Campus Plan shown brochure entitled, *Duke, the decade*. Once used principally raising purposes, it has been complicated, but also informative booklet. The maps and relationships of all existing considered presently by

drawn projects like the new Wannamaker parking lot, a appear in the Fifth Decade. allow for a continuity in the pansion of the campus which lies will continue. (See in-

Campaign has been extended ce the printing of the map. he projects in Phase B are Phase C buildings are inly unplanned except for their s. An example is the Univer-south Campus Drive in Beyond its being a univer-saphical necessity, its facili-developed at this stage of

-Fifth Decade-

(Continued from page 1)

faculty is another goal. Use of few graduate instructors has been noted. At the same time, with the idea in mind that "dollars define the limits of what we can hope to achieve," faculty salaries will be maintained at a level high enough to qualify for an 'A' rating from the AAUP.

Facilities

While the qualitative improvement of faculty and programs is the most important part of the Fifth Decade, the physical changes are easiest to see. And new facilities will help increase quality, especially in the sciences and engineering. At the same time the benefit to the humanities should not be overlooked. The most urgent need of all is the renovation and doubling in size of the Main Library.

Growth in the size of the student body and "the inadequacies built into student housing and recreational facilities have resulted in substandard living and studying conditions of students," states the Fifth Decade booklet. Housing, then, is another area of major attention.

Another group of buildings are slated for renovation. These range from Chemistry to Carr to the Hospital. (A complete list of buildings, costs, and target dates is on page 6).

Also necessary is the need for service facilities, which includes the West Campus heating plant, parking, telephones, warehouse and office space.

Enrollment Increases

Another part of the Fifth Decade is large scale increases in enrollment. A jump to 7,874 (total University) is planned for 1970. A further increase to 10,504 by 1975 is hoped for if some way is found to have twelve - month operation.

Projections call for a more than 50 per cent increase in both professional and graduate enrollment, while undergraduates will number around 6,000 also a 50 per cent jump.

Though some morn the passing of the idea of the University as 'small', the plan points out that more qualified people apply than ever before and that the demand for graduates has never been greater. As seen in the plan, "the fulfillment of the role of a university in society depends not only on the degree of quality, but upon its impact, which depends in part on numbers."

The Money

None of this can be accomplished without money, of course, which is why President Knight and the Office of Institutional Advancement are putting in long hours.

As originally decided upon, the Fifth Decade was to cost some \$187 million. About \$102 million

for plant expansion and renovation, some \$40 million for increased endowment, and over \$44 million for annual budget support.

Revised estimates and new buildings have sent the cost well over \$200 million to date, and chances are it will rise further before the program is finished.

The immediate goal, set for December 11, 1968, is nearly \$103 million to be raised through alumni, friends, the federal government and corporation grants. The balance, which includes most of the money slated for the endowment and budget support, is to be raised during the program's last seven years.

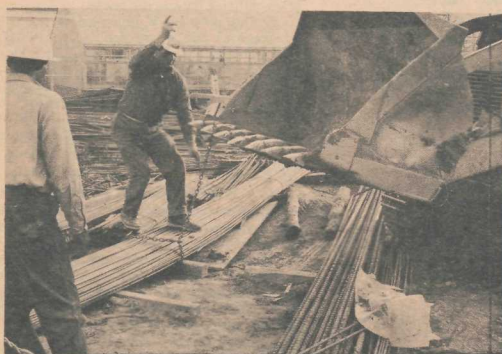
That is a simple overview of the Fifth Decade program, at least as it stands today. The planning reports are "living documents" subject to change as the situation changes.

It has been 42 years since James B. Duke gave those millions to the Duke Endowment, and as the University grows, the Endowment has provided less and less of the total educational and general expense costs of the University. In 1965 it provided 31 per cent, in 1975 perhaps only 20 per cent.

But perhaps money was not his most important gift. "James B. Duke's own boldness and vision give the University another tradition and another obligation — to be worthy of his example."



Building for the Fifth Decade



Annual Budget 1966-1967

REVENUE

| | |
|--------------------------|------------------------|
| Educational and General: | |
| Endowment | \$ 8,368,710 |
| Gifts and Grants | 1,240,000 |
| Tuition and Fees | 8,188,219 |
| Summer Session | 300,000 |
| Other | 2,305,120 \$20,402,049 |
| Auxiliary Enterprises | |
| Dormitories, Residences | 1,680,000 |
| Retail Stores | 1,730,000 |
| Dining Halls | 2,050,000 |
| Laundries | 400,000 |
| Other | 640,000 6,500,000 |
| Sponsored Programs | |
| Government | 17,500,000 |
| Other | 6,500,000 24,000,000 |
| Grand Totals | 5,902,049 |
| Less: Expenditures | 50,894,380 |
| Net Revenue | 7,669 |

EXPENDITURES

| | |
|---------------------------|------------------------|
| Education and General | |
| Administration | \$ 2,260,488 |
| General Operations | 1,522,367 |
| Instruction | 12,842,571 |
| Library | 1,240,431 |
| Summer Sessions | 211,619 |
| Related Activities | 264,477 |
| Physical Plant Operations | 2,352,427 \$20,694,380 |
| Auxiliary Enterprises | |
| Dormitories, Residences | 1,580,000 |
| Retail Stores | 1,630,000 |
| Dining Halls | 1,980,000 |
| Laundries | 390,000 |
| Other | 620,000 6,200,000 |
| Sponsored Programs | |
| Government | 17,500,000 |
| Other | 6,500,000 24,000,000 |
| Total | 50,894,380 |

Volunteers Head Decade Effort

What kind of men administer the Fifth Decade? Where do the men who volunteer to serve on campaign committees come from?

Examples from the committee system of the Fifth Decade program show that many are trustees, most are Southern, all are exceedingly successful in their private concerns. The following are examples:

● Clifford Perry, now chairman of the Campaign Operations Committee, was elected a trustee at the Board's November meeting. Treasurer of the Hanes Corporation in Winston-Salem,

Perry has also served as president of the General Alumni Association and the National Council.

● Edwin L. Jones, chairman of the Major Gifts Committee, heads the international J. A. Jones Construction Company of Charlotte. A 1912 graduate of Trinity College, Jones is on the Executive Council of the Board of Trustees, and serves as chairman of the Board of Brevard College.

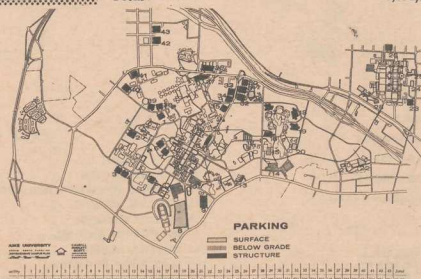
● Thomas A. Finch, Jr., president of the Thomasville Furniture Industries of North Carolina, heads the Special Gifts Committee. A University trustee, Finch was named "Furniture Man of the Year" in 1963.

● Charles B. Wade, Jr., Key Gifts committee chairman, is Vice President of the R. J. Reynolds Tobacco Company. A '38

Duke graduate, he serves on the Board of Trustees of Duke and Salem College.

● James R. Killian, Jr., chairman of the National Sponsorship Committee, is chairman of the Corporation of the Massachusetts Institute of Technology. A past president of MIT, Killian serves as chairman of the committee of influential businessmen, educators and leaders in church and government who have "endorsed" the Fifth Decade Campaign.

Some of these men serve honorary positions. Most, however, have and will be responsible for the major part of the soliciting for the Campaign. As Director of Development Thomas Broce put it, "When I or Mr. Ashmore get into the soliciting, then something is really wrong."



EVER SEEN A GOTHIC PARKING BUILDING? The above map shows the locations of parking structures planned for construction during the Decade. Thirteen structures are planned for Phase A (1965-1968), 25 for Phase B ('68-'75) and the remainder beyond 1975. The parking buildings will be connected by a new circulation system which will gradually remove traffic from the most heavily used walkways.

Planning for the first such structure was started earlier this year, but is held up presently awaiting financial backing.

- Design Study -

(Continued from Page 3)

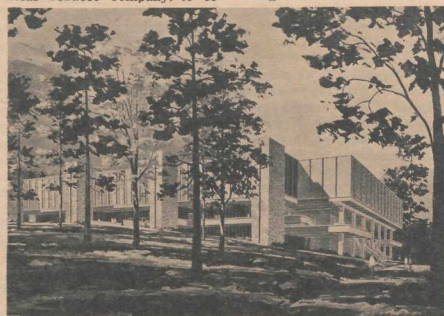
warm, dignified gray quality of the existing stone buildings" and referred to the choice of the brick red for the science and Law buildings "a disruptive one."

Imitation of the jagged profile of the Gothic buildings was recommended as an extension of the vertical element. Variety of window types and groups in West campus buildings was also praised.

Emphasizing the need to follow up ideas of architectural philosophy with practical applications, the study observed, "We know from experience that the temptation to place expediency over principle and the ever-present tyranny of dollar cost as distinguished from value received can place many pit-falls

in the path of proper campus development."

The Buildings and Grounds Committee of the Board of Trustees issued Phase 2-Comprehensive Campus Plan in May of this year. This report repeated many of the conclusions of the design study, but took into account the more advanced planning of the Fifth Decade program and the need to build a central campus consistent with both the Gothic West campus and the Georgian East campus. Among the points emphasized as guidelines in designing this new campus: "The physical environment of the central area must reflect the goal of University unity"; "The architectural design should be dignified and restrained"; and "duke stone should be the masonry material."



THE CHEMISTRY BUILDING, it is hoped, will be completed this month two years hence. It will be a part of a pedestrian mall which will include the present Law Building. The facility will cost \$4 million.

CHRONICLE CLASSIFIED

DUKE CHRONICLE CLASSIFIED ADVERTISING

Rates

5c per word
50c minimum per insertion
Prepayment required

GRADUATE STUDY IN MATERIALS SCIENCE: Graduate research assistantships available for physicists, chemists, engineers in outstanding research group. Stipend—\$2500/12 months (half time) plus dependency allowances and remission of all tuition and fees. Post doctoral positions, fellowships (NDEA, industrial), and traineeships (NSF, NASA) also available. For information and applications, write to: Professor Ruston Roy, Director, Materials Research Laboratory, The Pennsylvania State University, 1-12 Research Building, University Park, Pa. 16802.

Merry Christmas Trustees:—Then I will draw near to you for judgment; I will be a swift witness against the sorcerers, against the adulterers, against those who swear falsely, against those who oppress the hiring in his wages.

—Malachi 3:5

SPORTS

Ruggers Finish Undefeated

By THE RUGGER

The Duke Rugby Club completed a most successful fall season Sunday with a 10-5 victory over N. C. State at Riddick Stadium in Raleigh. The win was the second against State this fall. It topped the Devils' mark for the fall to 6-0. The State contingent, which Duke had beaten easily in Durham by a score of 27-3 earlier in the season, proved to be much tougher on their home grounds. They played a tough defensively - oriented game aimed chiefly at stopping Duke's high-scoring center Bill Harvey.

State outlasted Duke during the first half. The Durham ruggers managed to score, however, on an intercepted pass and 60-yard run for the try by Harvey. Harvey made the conversion, and the score stood at 5-0 at halftime.

Early in the second half the Wolfpack took advantage of a Duke offensive lapse. State's

Junie Andrews recovered the ball in the Duke backfield and ran the ten yards for the try. Andrews' conversion was successful, knotting the score at 5-5.

The score remained tied until, with two minutes to play, Lee Spence, the Devils' fly - half - back, scored on a twenty-yard run. Harvey converted, and the game ended, happily for the Devils, at 10-5.

This event capped what has been a promising fall season. With a full schedule of 16 matches lined up in the spring, the Duke ruggers are looking forward to another successful year. Included in the plans are a spring vacation trip to New York City to play such well-established teams as the Old Blues and the New York Rugby Club.

Duke will also host several Ivy League teams. All in all, the spring season promises to be an interesting one for players and fans.

Phi Delt Win Wrestling Tourney

The winning team in last week's newly-initiated intramural wrestling tournament was the Phi Delta Theta aggregation. Second was the team representing Phi Kappa Psi.

All - America A Linebacker ("Time Magazine") Bob Matheson had barely left the auditor before leading his Phi Delt brothers to the wrestling tourney victory by winning the heavyweight class. The other Phi Delt winner was Carl Pfeiffer in the 145-lb. class.

Individual champions and their weight classes were:

CLASS WINNER
Heavyweight - Matheson (Phi Delt);

177-Board (House M)
167-O'Donnell (ATO)
160-Lavine (Delt)
152-Deveau (Law)
145-Pfeiffer (Phi Delt)
137-Green (Phi Psi)
130-Parthum (Delta Sig)
123-Lundholm (Phi Psi)

Kappa Sigma with 235 points leads the race for the Intramural

Team High Point Trophy after the fall season (and including wrestling). With competition having taken place in 7 sports, Sigma Chi holds down the number two position with 189 points.

Phi Kappa Sigma is third with 186. Battling closely for the next two spots are Lambda Chi Alpha and Lancaster, whose totals are 165 and 163 respectively. These small margins between point totals are unprecedented in the recent experience of the Intramural Office. The scoring is based on both participation and proficiency.

Today's Staff

EDITORIAL
Editor-Dave Birkhead
Associate Editor-Mark Pinsky
Managing Editor-Save Johnston
Copy Editor-Bill Holt
Staff-Doug Adams, Kathy Gosnell, Jack LeSueur, Mark Lovington, Jim McCullough, Dave Shaffer

SPORTS
Editor-Dick Miller
Associate Editor-Jim Wunsch
Photographer-Save Conaway
Staff-Gordon Grant

PHOTOGRAPHY
Editor-Jim Powell
Staff-Cliff Rose

BUSINESS
Business Manager-Bill Ackerman
Assistant Business Manager-Mike Shahan
Co-Ed Business Manager-Pam Graves
Advertising Manager-Mason Holmes
Staff-Harold Brody, Geoffrey Decker
Office Manager-Diane Wolf
Circulation Manager-Dan Nagel

Bladesmen At John Hopkins

By GORDON GRANT

"Pret? A la coquille. Allez! L'attaque a droite. Le riposte a gauche. Touche. Halte."

Yes, the 1966 fencing season has arrived and amidst the din of clashing blades and electronic buzzers, the Duke team prepares for another year.

Today marks the opening of the season as the Blue Devils are in Baltimore, taking on the Fencers' Club of Baltimore (a group of veteran fencers), and the Johns Hopkins University team. Duke has never fenced either of these teams before; however, last year the Blue Devils defeated the Baltimore Tri-Weapons Club here, 16-11.

Starting for Duke today will be Bob Swennes, Walt Bradley, and Steve Carver in foil; Greg Perett, Dudley Houghton, and John Melville in sabre; Al Moretz, Murray Brown and George Ganaway in epee. In reserve will be Frank Craig, Walt Green and Gerry McKenzie.

Coach John LeBar is well pleased with the way things have been going so far. LeBar, now in his second year as head coach of the Duke team, is trying to achieve parity with the top fencing powers in the country. He has scheduled several of the best teams for this year, including number-one-ranked NYU and Wisconsin, which is also in the top ten.

A total of almost fifty freshmen and upperclassmen came out for the team this year. The coach will be relying heavily on sophomores for varsity action, as they make up three-fourths

of the first team.


Several sophomores proved themselves quite proficient this past Saturday. In the AFLA (Amateur Fencers' League of America) novice meet Duke had several high finishers in the individual competitions. In epee, George Ganaway won first and Ryan Dydbahl fifth; in foil Steve Carver took second and Walt Bradley fourth; and in sabre John Melville placed second and Shang-tai Tuan third.

The Duke fencers have a 24-1 record in regular season competition over the past two years. The only loss came in March, 1965 against VMI. Last year the fencing team was 9-0 and the freshman record was 2-0.

Returning from last year's squad are four lettermen—three seniors, Houghton, Perett, and Swennes, and one junior, Moretz—who had a total bout record among them of 80-13. Perett, a history major from Tulsa, Oklahoma, is the team captain and defending North Carolina State champion.

Campus Calendar

SUNDAY:
1:30 p.m. Liberal Action Committee meeting, 204 Flowers.
7 p.m. Arch Meeting, 301 Flowers. All persons interested in working for the Archive in paying staff positions should attend.
9 p.m. "Spoon River Anthology" to be presented by the Wesley Players at the Dividing Line.
TUESDAY:
7:30 p.m. Mensa will discuss "The Concept of the Experimental College." Guest speaker will be Fred Zengel, chairman of the Experimental College Committee. Place of meeting will be announced Tuesday.
WEDNESDAY:
7:30 p.m. Pre-Med Flicks. "Hope in Peru," will be shown at the Hospital Amphitheater.



CAROLINA
Billy Wilder's
The Fortune Cookie
with Jack Lemon

CENTER
What's Up Tiger Lilly?
Woody Allen
in color

NORTHGATE
Fantastic Voyage
with
Stephen Boyd
Edmund O'Brian

John Frankheimer's
"Seconds"
Based on novel by
David Ely
(former UNC student)
1:10, 3:07, 5:05, 7:03, 9:01

Patronize Our
Advertisers

—THE— FESTA ROOM

Open 7 days a week—5-12 p.m.

Festa Room Specials:

Served from 5-7 Sunday thru Thursday



1. Spaghetti with meat sauce, Italian Bread, tossed salad

\$1.25

2. Baked lasagna, Tossed salad and Italian bread

\$1.30

3. Half-pound Charcoal-broiled Chopped Sirloin Steak

With mushroom sauce, french fries, tossed salad and Italian bread

\$1.35

4. 14" Plain Pizza with tossed salad

\$1.00

Other Italian Specialties

Festa Room & Charcoal Hearth

—RESTAURANT—

605 WEST CHAPEL HILL ST., DOWNTOWN-DURHAM
AT HOLIDAY INN

EXCELLENT BANQUET FACILITIES 15-TO-250

Duke Radio Log

SATURDAY ON WDBS (560 AM):
Duke vs. Michigan—freshmen 6 p.m.
Duke vs. Michigan 8 p.m.
The Late Show (Popular and Folk Music) 10-11 a.m.
Jay Roberts: Open Phone Forum 1 a.m.-2

SUNDAY ON WDBS (560 AM):
9 a.m.-1 p.m. TRANSCRIBED MUSIC
Jennie Lou Divine 1-3 p.m.
Bob Seidel 3-5 p.m.
560 Report (UPI wire service) 7-7:30 p.m.
The Late Show with Rick Watson (popular and folk music) 7:30-9 p.m.
Folkfest with Gerret Warner 10-12 a.m.
Nightcap (Jazz) 12-2 a.m.
1-6 a.m. NIGHTCAP (TRANSCRIBED MUSIC)



An Unusual Gift For The Hard To Please!
While You Are Here Dining In Dining Room, Cosmopolitan Room or Delicatessen.

The Gourmet Center Operating THE IVY ROOM

1004 W. Main St. (Parking in rear) 688-0461-682-7771

It's That Time Again!
Christmas Is Near!
Select A

Gourmet Gift Basket
Custom Made
To Your Specifications



This is a Cool Cat.

What breed of cat are you?

If you're a smart cat, you just naturally play it cool.

For example, you can begin a career in life insurance sales while still in college. Consider a business that will be built by your own ability and initiative; a livelihood that offers plenty of financial rewards, security and personal satisfaction. And our Campus Internship Program gives you a chance to earn while you learn.

Play it cool, cat. Plan now for your future. For complete details on our Campus Internship Program, call or write

CHRIS C. CRENSHAW
Campus Supervisor
201 First Union Bank Bldg.
Telephone:
Bus. 682-2127 Res. 477-3932

PROVIDENT MUTUAL LIFE
INSURANCE COMPANY OF PHILADELPHIA

ADVERTISEMENT



CL 692/CS 8760*



CL 1195/CS 8021*



CL 2225/CS 9025*†



CL 2076/CS 8876*†



CL 1701/CS 8501*†



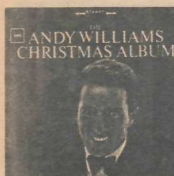
CL 1892/CS 8692*†



CL 1903/CS 8703*



CL 1381/CS 8176*†



CL 2087/CS 8887*†



CL 2406/CS 9206*†



CL 2117/CS 8917*



CL 1205/CS 8027*†



CL 2226/CS 9026*†



CL 2262/CS 9062*

BRING YOUR FAVORITE STARS HOME FOR THE HOLIDAYS...

The Sound of Christmas

ON COLUMBIA RECORDS®



CL 2577/CS 9371*

PERCY FAITH

Christmas Is! The very essence of Christmas is reflected in the tender and warm music of Percy Faith. Silver Bells • I'll Be Home for Christmas • Do You Hear What I Hear? • 8 more.



CL 2558/CS 9368*

THE BROTHERS FOUR

Merry Christmas! The popular foursome lend their distinctive harmonizing to an album filled with the spirited song of the holiday season. Silent Night • Mary's Little Boy Child • The Night Is Christmas Eve • 11 more.



CL 2556/CS 9356*

THE NEW CHRISTY MINSTRELS

Christmas With The Christys! A sparkling song-package performed by the greatest folk group of them all. Rousing renditions of your Christmas favorites, new and old. We Need a Little Christmas Card • Sleight Ride • Little Drummer Boy • 7 more.



CL 2557/CS 9357*

EYDIE GORME AND THE TRIO LOS PANCHOS

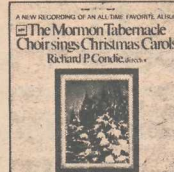
Navidad Means Christmas! An unusual treat you'll cherish for many Christmases to come. Eydie teams with the Trio in an album entirely in Spanish. Noche de Paz (Silent Night) • Blanca Navidad (White Christmas) • Gloria • Dios • 7 more.



CL 2555/CS 9355*

CHARLIE BYRD

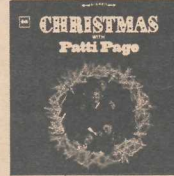
Christmas Carols for Solo Guitar! Breath-takingly beautiful renditions by Charlie Byrd of all the best-known Christmas carols. An inspiring listening experience. God Rest Ye Merry Gentlemen • Joy to the World • Hark! The Herald Angels Sing • The First Noel • 10 more.



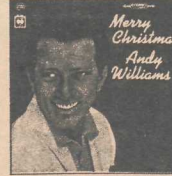
ML 6177/MS 6777*†



CL 2404/CS 9204*



CL 2414/CS 9214*



CL 2420/CS 9220*†



HL 9550



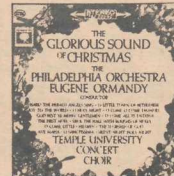
HL 7400/MS 11200*



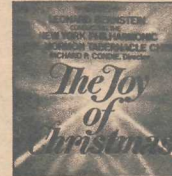
ML 6328/MS 6928*†



ML 5423/MS 6100*†



ML 5769/MS 6369*†



ML 5899/MS 6499*†



ML 6335/MS 6935*



CL 2400/CS 9200*



ML 6179/MS 6779*†



M2L 263/M2S 607*†

(A 2-Record Set)

COLUMBIA RECORDS

&

Durham

THE RECORD BAR

Chapel Hill

LP ALBUMS-25% OFF

COLUMBIA MASTERWORK PLAYERS - COMPLETE STOCKS AT DISCOUNT PRICES