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ONE -

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ARCHITECTURE/4

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ARCHITECTURE /6

FOR ARCHITECTS ONLY

This year the national convention of the American Institute of Architects will be held in June between the 14th and the 18th, in St. Louis at the Chase-Park Plaza Hotel. The theme of the Convention will be "The City" and discussions will be divided into three sessions.

- First—"The Invisible City"—urban psychology, sociology, law, history, culture, family and religion.
- Second—"The City and the Body Politic"—planning, zoning, renewal, pollution control, transportation, taxation, and economics.
- Third—"The Visible City" visual aspects and the realm of the architect.

The AIA Convention will be the first major convention of the St. Louis Bicentennial Celebration and it is anticipated that the dedication of the huge Jefferson Memorial Arch, competition winner of some years ago by the late Eero Saarinen, will take place at this time.

Our next issue will feature "Young Architects," meaning those

architects in business for about five years more or less, rather than those young in age only. The third issue of the year will feature an Architectural Tour of South Carolina's second city, Greenville in conjunction with the regional AIA meeting and our last issue of the year will be a review of residential building the state with special emphasis on the less expensive home and the question this kind of house poses - are architectural services worthwhile for construction of an inexpensive home inasmuch as this home represents the largest expenditure the owner may ever make at one time.

Our next issue will have a special feature on the prize winners in the annual awards for excellence in architecture given at the February convention mentioned elsewhere in this issue. At this writing it is anticipated that all of the entries in this competition will be displayed in various cities throughout the state during the year under the sponsorship of the local Architects Councils.



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EDITORS NOTES

In this issue's review of architectural progress in Columbia, it was most interesting to the Editor to see the large volume of new construction taking place in Columbia, a great deal more than would have been imagined in a casual look about the town. And in this panorama of new architecture it has been necessary to omit a good number of buildings, doctor's clinics, office buildings, shopping centers, all residential work, some banks, and other structures that are noteworthy. Others, Columbia's new post

Others, Columbia's new post office, new University build-

ings, schools and other projects - have been featured in earlier issues of the REVIEW OF ARCHITECTURE. One project, the \$9.000.000 Richland Civic Center, shown below, was killed by the vote of shortsighted people, in the eyes of the Editor, yet it held the potential to generate a spark that would have set off an economic explosion of benefit to all of the people, and that would have made the building progress of today in Columbia seem slow indeed. A real tragedy.

Stuart Baesel, Editor





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ARCHITECTURE/10



REVIEW OF ARCHITECTURE



John Weems Presents Journalism Award To Miss Levona Page.

REPORT ON THE 1964 ANNUAL

Against a background theme "Festival of Building Materials" the fifty first annual meeting of the South Caorlina Chapter of the American Institute of Architects brought almost a hundred architects, and others from allied industries to Columbia on Friday and Saturday, the 14th and 15th of February. New York City architect Caleb Hornbostel, author of a college textbook on building materials and a "student" of the nature, usability, and properties of building materials. made the convention's keynote address and urged architects to make themselves aware of the developments in building materials "for your own advancement and protection".

As a follow-up to this address, thee representatives of the building material industry discussed advancements in their particular fields. Mr. Robert A. Schoolbred of the Portland Cement Association spoke of some of the newest advancements in concrete; an expansive cement that would eliminate the need for expansion joints, new ways of forming concrete roofs, such as inflated "balloon" forms with lightweight concrete blown on top, developments in concrete shells and in precast concrete construction, and with slides showed some of the most advanced uses of concrete in shapes that defy accurate computation and must be proven by the use of models.

Trends in the steel industry were discussed by Carl C. Caskadon of United States Steel and slides of the use of Cor-ten, a steel with great resistance to atmospheric corossion were shown and discussed in detail. This material develops a dense outside oxidation that tends to inhibit further oxidation, protects the steel and turns a purple-black color requiring no painting or maintenance. It is interesting to note that this material has been in use for more than thirty years, not by the building industry, but as a rust resistant material for railroad coal cars.

The Manager for Technical Promotion of the National Lumber Manufacturers Association, William Penoyar spoke of the recent advancements in the wood industry to standardize sizes through control of moisture content, to accurately measure stresses of various woods, and of the development of uniform methods or systems of measure for the wood industry. He further discussed the research projects under way in the wood industry such as the development of a durable natural exterior finish without maintenance and fire resistant wood.

One of the highlights of the business meetings was the presentation by Albert Simons of restoration drawings for the Ainsley Hall mansion in Columbia to the chapter. These drawings are the result of an earlier offer by the SCAIA to underwrite the cost of the necessary architectural work to restore this structure in the manner and spirit originally conceived by architect Robert Mills. Mr. Simons visited Mills designed buildings in Washington, Philadelphia, Richmond and other cities and was thus able to arrive at a close approximation of Mills' ideas. It is interesting to note that, for economic reasons, the final building was completed on a much more modest scale than originally planned by Robert Mills. For the present work the Charles-

MEETING S.C.A.I.A. IN COLUMBIA

ton firm of Simons, Lapham, and Mitchell associated with the Columbia firm of Reid Hearn and Associates to obtain measured drawings and other assistance on this project. It is anticipated that the restoration work will begin in the near future.

Another business item of general interest was the adoption of a very short and simple standard form of agreement between client and architect to be used in conjunction with the new architect's booklet on the Standards of Architectural Practice.

A special awards luncheon on Friday honored William Paul Childress of Salem naming him the state's "outstanding craftsman of the year" for, as AIA President John Weems noted, "the wonderful things Mr. Childress does with wood." On Saturday at another luncheon the AIA presented two first awards for news writing in the architectural field to Miss Levona Page, women's writer for The State and The Columbia Record, and Julian Starr, publisher of The Lancaster News. Miss Page was selected for a story in The Columbia Record, 17 October 1963, on the new Columbia Country Club designed by architects Lyles, Bissett, Carlisle and Wolff, entitled "A Clubhouse Styled for Ouiet Elegance." Mr. Starr's award was for a story published in the weekly newspaper on 3 October 1963 entitled "Lancaster Proud of Robert Mills Courthouse."

The final event of the convention, the formal banquet on Saturday night, was sparked by a humorous welcoming address by Columbia Mayor Lester L. Bates. One of the highlights of this banquet was the announcement of honor awards for Excellence in

Design. These were presented to two South Carolina firms whose designs were chosen from those entered by architects throughout the state in the annual design award competition. Hallman and Weems of Aiken won for the design of the first Women's Residence Hall at Clemson College and Lyles, Bissett, Carlisle and Wolff won for the design of the Forest Lake Country Club in Columbia. Presentations were made by James H. Finch of Atlanta, president of the North Georgia chapter of the AIA and chairman of the judging committee which included Scott Ferebee of Charlotte, president of the North Carolina AIA and Caleb Hornbostel of New York City, prominent architect and author.

During the evening architect Walter Petty was recognized for his outstanding contribution to the profession in South Carolina. Also recognized during the banquet were the trustees and past presidents of the Clemson Architectural Foundation. Harold Heston of Delph Hardware Co. of Charlotte accepted the certificate on behalf of the trustees and officers. Mr. Heston was also cited for the outstanding job he had done in organizing the exhibits of building materials for the "Festival of Building Materials" the theme of the convention.

A dance sponsored by Richland Shale Products Company followed the banquet. During the convention, special gatherings and parties were sponsored by Carolina Solite Company, The Carolinas Producers' Council Inc., and A. A. Wire Products Company. John Weems Presents Craftsmans Award To William Paul Childress.









Clemson Architectural Foundation Officials At Ribbon Cutting.

FESTIVAL OF BUILDING MATERIALS

A unique feature—a Festival of Building Materials—was the theme of the architects convention this year. Planned for the purpose of are-acquainting South Carolina architects with products manufactured or distributed by members of the Clemson Architectural Foundation, this year the entire convention was developed around the effective use of new building products.

Mr. Harold Heston, a Director of the Clemson Architectural Foundation and President of Delph Hardware & Specialty Co. of Charlotte was Exhibit Chairman for the Festival, and put together an immensely successful show with thirty two participants in a large display hall at the Jefferson Hotel. A special ribbon cutting ceremony was held on Saturday morning and architects from throughout the state visited an array of handsome displays of new building products handled by the following members of the Clemson Architectural Foundations:

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Architects John Weems, Aiken; Tom Harmon, Columbia; and Albert Simons, Charleston, discuss exhibit with Bill Hamson.



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An Architectural Tour

Highlights Of Recent Building In Columbia

COLUMBIA/WEST



Jetport For Columbia Architects: Upshur, Riley, and Bultman

This project encompasses the reworking of all parts of the existing Columbia Airport to equip it for present and future air travel requirements. The work includes construction of a new jet length runway and taxiways, construction of a new roadway system for internal circulation, construction of a new commercial passenger terminal buildings, landscaping of the entire property involved and construction of such new facilities as a control tower, private aviation buildings and ramps, gasoline service

station, etc. The master plan for the Airport designates sites for future industrial lease areas, a motel and a golf course; it envisions future usage of the two existing hangars and the existing terminal building.

The Project aims at providing the central part of South Carolina with a complete and diversified air facility to handle "Jet Age" demands. An attempt has been made throughout the planning to project an airport which will be low in maintenance cost and furnish during its use a maximum fair return of money to the taxpayers.

As can be seen in the photograph of the model of the airport site, the new passenger terminal is set at approximately the center point of the new runway, about a half mile west of the existing terminal. It is located on a slope which rises to the north from the airplane parking ramp; thus a passenger drives up to the north side of the building, walks through the building and descends one level on the south side to reach the airplane



parking level. This change in level has advantages: service areas are located on the lower level and vehicles circulate at the airplane ramp level, one level below passenger and public areas; views from the upper level are enhanced by being raised above the level of the field.

The core of the terminal building is a two-story-high "mall" running north to south shown in the illustrations. The concept is borrowed from the many new shopping center malls. The center of the mall is occupied by seating for passengers awaiting flights. The seating is set amidst large planting areas and a fountain and is surrounded by the main walkway circulation. Surrounding the two-story mall are the various public-serving activities of an airport terminal: the restaurant and coffee shop at the south end overlooking a spectator garden and the airplane ramp; rest rooms, baggage pick-up counter, auto-rental counters and a small concession area on the east side; a large general merchandise shop, insurance counter, coin-operated vending machine group and stairs to the lower floor occupy the west side; the north end opens to the long car loading loggia occupying the entire front of the building. The idea is to make waiting or walking through the terminal as pleasant and interesting as possible.

The "L" wing to the west is fronted by the ticketing lobby; airline offices of Delta, Eastern, Southern and Piedmont occupy the

chanical areas and large unfinished spaces for future expansion of pub-

ters.

lic and airline office areas. The lower level is bisected by a vehicle underpass used by service traffic. To the south of this are the kitchen areas under the restaurantcoffee shop area on the upper level.

The lower level at the front of

the building is occupied by addi-

tional public rest room facilities,

airport management offices, me-

Provisions are made in the planning of the building for a future baggage pick-up wing to the east along the north facade balancing the airline wing to the west. Where and if required, space will be added around the upper level of the mall to house such requirements as rented office space. Access to this space will be from a balcony surrounding the upper level of the mall.

As seen in the air view of the terminal, the upper second story part of the mall rises through the main roof. The sloping exterior walls of this block will be sheathed in blue aluminum roofing. The flat roofing of the main building will be done in a pattern formed by two colors of stone topping. Roof edges will be white porcelain enamel. The exposed concrete frame of the building will be painted a white both on the interior and exterior. Oversize brick will be used for exterior and interior walls, with accent materials of fine plywood panellings, vinyl wall

coverings, sculptural tile, etc. at feature areas. Public areas of the building will be floored with quarry tile in keeping with the garden character of the mall.

The route of the passenger to the boarding concourses takes him through garden areas-a general theme of the building. The concourses are fully enclosed for their entire length for the protection and comfort of passengers. Aircraft at the Columbia terminal will be too diversified in type in the foreseeable future to allow for specific airplane boarding systems (such as second-story direct bridge access) to be incorporated in the original building. Requirements for such features in the future will be met by remodeling the concourses.

Fronting the building is a large reflecting pool with fountains. The construction of this shallow pool will be similar to the paving of an asphalt road—an economical and effective method. The pool is set in a large lawn area planted with trees around which vehicles sweep up to the front of the building—a changing and interesting approach to the building.

The grading of the airport property has been completed; contracts have been let for paving of the airfield, roads and walks, and this work is now under way. Present schedules call for receiving bids on the construction of the terminal building early in 1964. The new jetport serving the Midlands of South Carolina is scheduled to be in complete operation in the spring of 1965.





First National Bank Of South Carolina - Branch Architect: Alex Dickson

South Carolina Farm Bureau Federation Architects: Jackson and Miller





The Weston And Brooker Co. Architects: Upshur, Riley and Bultman

ARCHITECTURE/19



"The growth and modernization of Columbia need not necessarily rob us of these heritages left by our forefathers. The time for deploring the situation has passed and positive steps must be taken to develop a technique for the preservation of houses having historical and cultural value and which add much to Columbia's beauty and charm." - Columbia's Urban Rehabilitation Commission.

Preservation Of Historic Buildings In Columbia

By William K. Marsh Director: Urban Rehabilitation For Columbia Columbia, the capital of South Carolina, is young as cities go, and is only just beginning to develop an awareness of the problem of architectural erosion. Founded in 1786, it was burned by Sherman's troops in 1865. However, a number of buildings predating the war survived and are still standing. Some are directly connected with historical events and others are outstanding architectural examples of their period.

While Sherman destroyed much of the city's valuable architectural history — time, obsolescence and neglect have taken an even greater toll. It is safe to say that more antebellum houses have been destroyed during the last two decades by "progress" than were put to the torch during the burning of Columbia. The city's historic architecture has been subject to a continuous process of loss and deterioration.

The proposed demolition of the Ainsley Hall mansion in 1960 started a chain reaction which has resulted in considerable official and unofficial concern for the preservation of Columbia's historical and architectural heritages. This building was erected in 1825 for Ainsley Hall, a prominent merchant, and was designed by Robert Mills. It is considered one of Mills finest residential efforts. (See October 1961 issue). The Ainsley Hall mansion is the only building in Columbia which has been designated by the Department of Interior as being of national significance.

When a 'permit was issued to raze the mansion, the Urban Rehabilitation Commission realized the time for immediate action had come and they adopted the following resolution:

"We deeply deplore the fact that many of Columbia's fine

homes of historical and architectural significance have been lost to future generations through the lack of proper maintenance and the expansion of our business districts. We feel that the growth and modernization of Columbia need not necessarily rob us of these heritages left by our forefathers. The time for deploring the situation has passed and positive steps must be taken to develop a technique for the preservation of houses having historical and cultural value and which add so much to Columbia's beauty and charm."

The Commission immediately appointed a citizens advisory committee with instructions "to explore every avenue to determine how this building and others like it of historic or architectural value may be preserved for posterity." They further directed the city's Urban Rehabilitation Department to work closely with the committee so that they might have a paid staff to assist them with their problem. The outcome of the committee's work was the eventual formation of the Columbia Historic Foundation which receives an annual subsidy of \$10,000 from both the City of Columbia and Richland County. Since its formation the Foundation has raised nearly a half a million dollars from private sources to preserve and restore the Ainsley Hall mansion. It now stands ready to assist with the preservation of other threatened buildings.

Efforts were made by the Commission to interest the Housing and Home Finance Agency of the federal government to assist Columbia in developing a technique for adapting buildings of historical and



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AINSLEY HALL MANSION BEFORE RESTORATION Architect: Robert Mills, 1825



DeBRUHL-MARSHALL HOUSE

Built 1820, for Jesse DeBruhl – Probably Robert Mills design, many similarities to the Ainsley Hall Mansion. Headquarters for General James A. Johnston during Columbia occupation. (Photo by R. P. Boyleston)

MAGOFFIN HOUSE

Building date between 1850 and 1855. Beautiful example of type typical to Columbia and referred to as a "Columbia Cottage" – 1½ stories with an "English" basement. (Photo by R. P. Boyleston)



architectural significance to modern contemporary reuses. Money was available under the 314 Demonstration Program and the project was backed by such people as our U.S. Senator, members of the County Delegation, Department of Interior's supervising architect of historic structures, the South Carolina Chapter of the American Institute of Architects and the local city government. However, the Urban Renewal Agency was as usual more interested in destroying than in preserving—in mass clearance than in developing new techniques. The project was rejected and the nation lost an opportunity to develop new approaches to this problem which should be of great concern to everyone interested in our American culture.

This lack of foresight on the part of the federal government did not dampen the Commission's determination to develop a comprehensive approach to the problem and they then turned to the City Planning Department. Working in cooperation with individual members of the South Carolina Chapter of the American Institute of Architects and the Urban Rehabilitation staff, the City Planning Department conducted a survey to locate historic houses within the city. Each of these structures was inspected and rated as to physical condition and The information thus compiled was evaluated and transferred to maps for further study. These maps were a very important factor in drafting certain provisions of a modern zoning ordinance for the City of Columbia.

The new zoning ordinance adopted in March 1963 not only contains the usual provisions as to use and bulk controls, but also takes into consideration the neces-

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CRAWFORD - CLARKSON HOUSE

Built in 1838, for John A. Crawford. Architect unknown. Excellent Greek Revival detail, unusual shape; flat roof of copper; front portico has square glass columns used to display plants. Slaves saved house during burning of Columbia.

Preservation of Historical Buildings in Columbia

sity for historic preservation. Two areas have been delineated as historic areas and provisions for architectural controls have been provided for in these districts. In addition, a Historical and Cultural Buildings Commission is called for by the ordinance. It is their responsibility to oversee and enforce the provisions relating to historic preservation. The authority of this Commission is also extended to any building of historical or cultural significance located anywhere within the city whether or not it is located within one of the two historic districts.

The ordinance provides that before a zoning permit may be issued "(a) In connection with the erection or moving of any building or (b) In connection with alterations or additions materially affecting the exterior appearance of any building designated in the Historical and Cultural Buildings Plan as of major historic or cultural significance, the Commission on historic and cultural buildings shall have reviewed and approved such plans and specifications of buildings, landscaping plans of premises, and other information as it deems necessary in the circumstances of the case."

"No permit for the demolition of all or part of any building designated in the Historical and Cultural Buildings Plan as having major historical or cultural significance shall be issued unless the Commission on historical and cultural buildings shall certify that the demolition permit may be issued, provided however, that the Commission on historical and cultural buildings must provide such certification within six months after application therefore has been made."



ROBERTSON HOUSE

Actual Date of construction as yet unknown, but built about 1832. Outstanding feature is iron work added about 1860, made by Palmetto Iron Works. (Shield's Foundary)

HAMPTON - PRESTON HOUSE

Built about 1818. Architect unknown; possibly Robert Mills as portico is almost a duplicate of State Hospital building by Mills. Purchased for a town house by Wade Hampton I. Headquarters for Federal General Logan during occupation of Columbia. Thus saved.



The Historical and Cultural Buildings Commission is appointed by the City Council and is composed of seven qualified unpaid citizens who unselfishly contribute their time to make their city a better place in which to live. Presently it is composed of two architects, a lawyer, a land developer, a contractor, a historian and a newspaper editor.

A Historical and Cultural Buildings Plan has been developed which contains approximately 175 historic or culturally significant structures. Each of these structures is presently being inspected, measured, photographed and its history is being researched. It is anticipated this work will be completed within the next two years. The project is being greatly expedited by the fine spirit of cooperation shown by a number of civic groups. Member clubs of the South Carolina Federation of Women's Clubs have volunteered to do the historic research on a number of these, houses and the Columbia Photographic Society is is the process of photographing the houses along with some of their more important architectural features.

Columbia, of course, has not found the answers to all the problems involved in preserving its historic and architectural assets. But the most important obstacles of all have been overcome—apathy and indifference. There is now in Columbia a public recognition that we have a responsibility to future generations to find a way'to preserve, renew, and bring historic architecture into a living use; that the present must be balanced with the past if we are to have a worthwhile future.

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ARCHITECTURE/27

profile / WILLIAM G. LYLES Of Lyles, Bissett, Carlisle, &



Wolff - Columbia

Does anyone want a ride to Washington? Bill Lyles leaves every few days at five or six in the morning, returns sometime that night, and usually has an extra seat or so on his plane. He was asked why he continues to work himself so --yet he says he doesn't. Work is his hobby as well as livelihood and he enjoys every minute of it. But he says he couldn't quit if he wanted to. He has too good a memory. He remembers his first job — age 13 — \$6.25 per 55 hour week. The depression-when his family and most other people in his home town of Newberry had a hard time finding enough to eat. His first job in an architect's office -with Heyward Singley in Prosperity - when he made his own drafting board for the privilege of working for no salary-but good experience. Bill has no desire to go back to the "good ole days". And he hesitates to turn down any job for fear he might be looking for one as he was during those days.

Bill, as he is known by most people, is William G. Lyles the senior member of the firm of Lyles, Bissett, Carlisle & Wolff, Architects —Engineers. To those who aren't familiar with LBC&W it may be said that it's one of the country's larger firms and responsible for many of the landmarks in this and other states. Such buildings as Russell House, the Undergraduate Library, and the new Women's Dormitory at the University of South Carolina, the Sergeant Jasper in Charleston,

> STATE OFFICE BUILDING, Columbia



Cornell Arms, Claire Towers, and the Federal Office Building in Columbia, Calhoun Towers in Greenville and the Clemson House at Clemson are their making. Others soon to rise are the new State Office Building and Post Office for Columbia, the V. A. Hospital and Federal Office Building for Charleston and a new library for Clemson.

The 75 people in his Columbia office—his Washington office—and Associates in Jackson, Mississippi, and Little Rock, Arkansas, do not by any means consume all of his time and energy. A generous amount these days is being bestowed on his two young grandchildren. Robert Lyles, Jr., who is at Clemson where his father is an architectural student, and Bill Jr.'s daughter Miss Gray Lyles. Bill Jr. is now working with the firm. Lyles father and mother, Mr. and Mrs. John T. Lyles, who reside in Columbia come in for their share of attention. And his gracious wife, Louise—to whom he gives all the credit for pulling him along and putting up with his foolishness says there's no husband in Columbia who spends more time at home. And on long trips Louise is usually aboard.

But family and office still aren't enough. Probably half of his working time is spent on service to his community, his profession, and his church. The announcement from The American Institute of Architects in Washington last fall that Bill had been appointed Co-Chair-

man of a committee to study the General Services Administrationthe agency that designs and con-came as no surprise to those who know him. His committee spent four months of very concentrated effort formulating recommendations for improving the efficiency and quality of design of GSA. While this was going on he found time to serve as Chairman of a committee to find a new pastor for his church, Ebenezer Lutheran - and Co-Chairman of another special civic committee. He sandwiches in such things as addresses last year before the Pennsylvania Society of Architects and Baltimore Chapter of The American Institute of Architects. He is currently serving the

CLEMSON HOUSE - CLEMSON UNIVERSITY



National AIA as a member of a small and select "Government Liaison Committee" — as a link between the profession and all federal agencies concerned with building design.

Lyles has been of continuing service to the South Carolina Chapter, The American Institute of Architects down through the years. He's held all of the Chapter offices and has headed committees responsible for all the recent publications of the Chapter concerning the practice of architecture - including its current "Standards of Architectural Service". When important matters come up Lyles is always in the forefront. Several of the profession's legislative battles may not have fared so well without his guidance and leadership.

Lyles attributes much of his outlook to convictions formed during his five years of World War II service. At Fort Jackson at the age of 27 he was second in command of design and construction. From there he was transferred to Augusta in charge of selecting the site and designing Fort Gordon. And then to Washington as a junior officer on the General Staff. From there on the first boat of American troops to England. He served three and one-half years as head of Design and Engineering for the Chief Engineer of the European Theatre and returned after the war with his Colonel's eagles and a Legion of Merit. These experiences-particularly in Europe where he had opportunity to select and direct the best architectural and engineering talent

that this country, France and England, could offer—gave him a profound respect for the "boys from the South". Their common sense and perseverance seemed more important than degrees and titles many times when the going was rough.

Bill believes we in the South have ability commensurate with anyone anywhere. And he thinks Columbia and South Carolina have the greatest potential of any places in the world. Yet he's disappointed that, despite our progress in recent years, we still aren't fully developing our potential—we still have such a long way to go. He says there's no time for bragging as long as our per capita income and educational standards compare so poorly with the rest of the nation.

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He looks forward to the day when our children will have opportunities that compare favorably with those to be found anywhere. He thinks it's a tragedy that so many of our brightest young people—our greatest asset—have left the South, and are leaving each year, to take advantage of opportunities we can't offer.

He believes industry, commerce, and education to be the answer. And he's tried to do something about it. The Columbia Industrial Development Commission was formed under his chairmanship. He was Chairman of the Chamber of Commerce's business climate committee which is credited with being a motivation force behind Columbia's progress in recent years. He served actively on the Board of Directors and in other important areas for the Chamber—on local and national levels.

But he says we'll never fully reach our objectives until we lick our fundamental problem - the scars and prejudices that somehow still exist left by the Civil War. "We've tried secession and it didn't work. We should by all means keep the best of our 'Southern Way of Life' but give up the "Magnolia Blossoms' which most of us never enjoyed anyway." With a forebearer as signer of the Ordinance of Secession and participation by both sides of his family in the tragic war and it aftermath he thinks he has a right to this opinion.

Lyles' efforts in furthering education have been centered principally in the School of Architecture of Clemson. In 1954 he was instrumental — through the S. C. Chapter of The American Institute of Architects-in working with Clemson in a much needed reorganization of its Department of Architecture. He was concerned over the fact that, since Clemson is the only school in the State teaching architecture, South Carolina boys were spending the most important five years of their lives thinking they were being well trained only to find after finishing-after it was too late-that their studies left much to be desired. He thought architecture at Clemson should compare favorably with the best or else be discontinued. Lyles' efforts were instru-

mental in the employment of Dean Harlan McClure; the formation, nurturing, and implementation of the Clemson Architectural Foundation to provide much needed private funds; and the elevation of the Department of Architecture to the full status of School of Architecture at Clemson. Those who know are quick to say that these efforts have been a godsend to architectural education and the profession of architecture in South Carolina. In a few short years the school has attained a position second to none in the country.

An insight into Lyles' philosophy concerning the practice of arcitecture can be gleaned from his recent speeches and writings:

"I believe that if we're to prosper as a profession and render to the public the service it has every right to expect it will be through continual improvement of our basic services aided by a fuller understanding of all factors having a bearing on the building concerned.

"We should start with architectural design in its strictest and narrowest sense. And goodness knows, we're got plenty of room for improvement in this area alone. Some of the stuff we've produced as a profession in recent years isn't worthy of the name architecture."

"In the final analysis any real progress must be based on achievement and maintenance of the highest possible standards in our main forte—architectural design—aesthetically and functionally. But a good design today usually requires eminently more than being aesthetically pleasing and functional.

"It must be something that can be constructed within the budget—that can be financed —that must fufill a myriad of other technical considerations and requirements—and that ends up by producing an acceptable profit for the owner." "We must prove to owners that we can do business in a simple, straightforward and reliable manner—that we architects are not only capable of giving them a well-designed building but that we can also show them how they can make a greater profit than they could without our services."

He believes that successful design usually requires a team of specialists:

> "Most buildings have become entirely too complex for any one man to handle by himself —and besides, we architects have learned or should have learned that we can spend our time more effectively by concentrating on our specialty over-all design and coordination.

> "Electrical, mechanical, and structural engineers are essential elements today of almost every design team. As buildings become more complex and we become more sophisticated in our design approaches we must rely on more and more specialists soil experts, landscape architects, interior designers, acoustical and lighting engineers and a host of others.

"These specialists should have a genuine appreciation of and basic understanding of one another's problems — with a collective objective to produce excellence in an over-all solution rather than in its various components."

He thinks there should be a closer relationship between architects and engineers — and hopes that that some day they may receive training alongside one another in school:

> "Building design engineers have much more in common with their colleagues in the mechanical, electrical, and civil fields who are concerning themselves with turbines, electronics, dams, and outer space."

"Educationally, I believe that the answer lies in all members of the building design team or environmental design team if you prefer—having at least a couple of years common training with specialization in the later years—and with the closest possible association throughout college.

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"Personal friendships and a basic knowledge and appreciation of one another's areas of special interest would, I believe, thus form an effective base for later teamwork. And when in practice, all environmental designers should be eligible for equal membership and participation in a single professional association."

This thinking has been one of the vital forces that has shaped Lyles, Bissett, Carlisle & Wolfe into the successful firm that it is today. And its continuing success will be based on a constant search for means to serve the client to the best of its ability. Bill Lyles feels strongly that the future of the architect lies in his ability to offer a comprehensive service to the client and his firm does just that. If an economic analysis is needed to determine the feasibility of a project, this can be done. If site selection is a problem, if a detailed program of requirements is necessary, if the budget and cost control need special emphasis, LBC&W can take care of this need. Yet Bill Lyles will not allow any consideration to over-shadow the basic responsibility of the architect to provide a handsome and well designed building.

His offices are staffed with design specialists; architects; site planners, structural, electrical and mechanical engineers, industrial planners, interior space planners among others—all vital in the offering of comprehensive services to the client—and all vital in the complex thinking of Bill Lyles as he pursues "this business of architecture" as leader of one of the most progressive firms in the nation today.

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Columbia Chamber Of Commerce Architect: Maynard Pearlstine



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William S. Hall Psychiatric Institute, State Hospital Architects: Lafaye, Fair, Lafaye And Associates

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Architects: Lyles, Bissett, Carlisle And Wolff









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COLUMBIA/NORTH



South Carolina National Bank Branch Architect: Maynard Pearlstine

Home Office Building Blue Cross - Blue Shield

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Luthern Seminary Administration Building

Architects: Lyles, Bissett, Carlisle & Wolff

August Kohn & Co. Architect: Maynard Pearlstine





Spring Valley Country Club Architects: G. Thomas Harmon, William Keenan



Columbia Country Club Architects: Lyles, Bissett, Carlisle & Wolff



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COLUMBIA, S. C.



Mr. Dennis Eugene Daye, who heads The Department of City Planning, Columbia, S.C., is a young North Carolinian-born March 9, 1931, in Statesville, N.C.-who has taken the reins in the Planning Department and already has contributed much to the sound growth of the city. His friendly manner and reasonable approach to various problems have won him the respect and admiration of the city officials as well as builders and property owners.

Mr. Daye attended the public schools of Charleston, S. C. and Kannapolis, N.C.. He graduated from the University of North Carolina with an A.B. in Political Science in 1956. He further studied for a Master of Regional Planning, which he earned in 1958 from the same Tar Heel institution.

He served as Planner for the City of Columbia from June 1958 until June 1959; Assistant Planning Director, Greensboro, N.C. from June 1959 through April of 1963; he accepted the position of Director of City Planning, City of Columbia, S.C. in May, 1963.

Dennis belongs to the following professional organizations: American Institute of Planners (Associate Member), Southeast Chapter, American Institute of Planners; American Society of Planning Officials.

In 1952 Dennis married the former Miss Shirley Nesbitt of Concord, N.C. and they have two daughters, Diana Carol, age 5 years, and Pamela Lea, age 3. They reside at 3638 Deerfield Drive. Their church affiliation is Presbyterian.

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SELF DETERMINATION

By Dennis E. Daye Director of City Planning For Columbia

We are living in the day and age of change. It is a time of innovation and a period of tremendous scientific and technological progress. Man appears to be caught in a swiftly moving stream which seems to be directed primarily toward advancement in all fields of endeavor. The present mode of living and activity of man implies and dictates, without any question, that progress is a major product and that we cannot simply sit still and expect to achieve anything. Changes are not made just for the sake of being different. Changes are made to improve ourselves and our situation. With swollen pride, we point to achievements in education, industry, agriculture, transportation, communications and a host of others. As we see these changes taking place, we begin to realize that our cities and communities also change to meet new conditions. The most obvious change taking place in our cities is size, both in area and population. As our communities grow, we are faced with more and new problems which must be solved.

Our communities are undergoing certain fundamental changes which have definite implications for their future, especially with respect to orderly physical development. Within this day and age of scientific achievement, man has embarked upon a tremendous period of growth, both in population and in construction of new facilities ranging all the way from private homes to mammoth office buildings, industrial plants and commercial structures. In many instances, these facilities are constructed without considering their functional relationships which can harm the community and the individual developer. It is "that"

time when we cannot afford to sit idly by and expect everything to go right. We must plan for our growth and carry the process to its conclusion by implementing our plans. It is a period of time in which we must determine, to the best of our ability, what the future will hold for us. While the future belongs to those who plan for it, planning for the future also means planning for ourselves, as well as future generations. We must make plans for the future because we have a responsibility to ourselves and future generations.

We often speak of our past, our heritage and how fortunate we are to have had wise leaders in many of our communities throughout America. We are grateful for the things passed on to our generation. But when we refer to the past it behooves us to think in terms of what we are doing at the present time as to how it will be received by the future generations. Are we doing things which will be of value and be received with esteem and sincere appreciation by the citizens of tomorrow? We are speaking now in terms of our destiny. What do we want? What are we trying to achieve for ourselves and for our communities? What type of communities do we desire for the immediate future? We must decide this question for ourselves. This is a time of "self-determination" for our community. What will our direction be in the Columbia area? Will it be toward a pattern of orderly physical development, or will it be into the unknown by letting things supposedly take care of themselves without any thought as to how one project will relate to another. Our present period of history has been charac-



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SELF DETERMINATION

by Dennis Daye

terized by some individuals as an age of short cuts to success. While there are numerous short cuts in certain types of problem solving, it is important that problems associated with community development be given the full range of study by public bodies and the citizenry. Our approach must take this direction because our solutions must consider the total development of the community. In too many cases we become involved and concerned only about ourselves, selected individuals or associations which, in turn, creates conflict when we try to plan for the entire community. Orderly physical development must consider the group-the total community.

In this period of self-determination, we must determine the course of our future. Where are we going in our community? What will its form be? What is the image that has been created? What about the future image? It is up to us to determine our course, to create the community which can best serve us. Both public and private groups have a tremendous responsibility in determining what kind of community we shall have. We are in the position of making our community exactly what we want it to be. It will not be easy and it will take work, coordination and cooperation among the various people in our community. There are many ideas and approaches to establishing the community we desire and all of these ideas must be brought together for review. Government, private enterprise and individuals have a joint responsibility in planning for the community because the activities of each are interrelated.

(continued)

The Past

At this point, it is appropriate to review some of the past activities in our community. Columbia, like Washington, D. C., had the somewhat remarkable and unusual privilege of choosing its own site, as well as having the fortune to have a plan for the development of the city prepared before the city itself actually existed. The people who designed Columbia to serve as the state capital in 1789 had the wisdom and the foresight to look far enough into the future to provide us with uniformly broad streets. which are wide enough in many respects to handle some of our present-day traffic. However, we must admit that apparently very little thought was given to the topography of the land, because streets ran to a point where they could not cross streams and at the same time no provision was made for moving around the city. A person traveling, regardless of his mode of travel, had to move in a straight line through a given point, whether it be crowded or not.

The gridiron pattern, on which our community was planned and has developed in the original four square miles, is not entirely satisfactory, especially for the movement of traffic in this particular day and age. It becomes extremely difficult with some wide rightangle streets because of their grades as well as the fact that they terminate altogether at rather abrupt points, Bull Street is a case in point. While we point to some of these problems, we must at the same time be thankful that our forefathers did have the foresight to provide us with wide streets which help, but not eliminate, our traffic problems in the Columbia

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ARCHITECTURE/46

Self Determination (continued)

by Dennis Daye

central business district. Even though numerous streets have been improved to facilitate traffic movement, more improvements are necessary as we meet the challenge of metropolitan growth.

Now we are on the threshold of the future and we have a responsibility at this time to think as our forefathers did for those who are yet to come after us. In a comprehensive plan prepared for the Columbia area in 1905, the authors of the report stated that they were very much impressed with the rapid development of the outlying suburban districts immediately adjoining the City limits of Columbia. They were quite taken by the fact that the original pattern of wide streets had suddenly become ignored and narrow streets with the utter lack of uniformity of plan were prevalent just beyond the original city. They warned that unless action was taken immediately, disastrous conditions would result with respect to residential development and transportation. They also noted that the cost to correct mistakes in the area would be tremendous and almost prohibitive in the future. The report emphasized that it was important to guide, regulate and control the development of streets, boulevards and residential development because the areas outside would be totally unfit to become a part of the major city. A paragraph from the 1905 plan is quoted because it is appropriate for us today.

"Why should Columbia with its wonderful opportunity of being noted as the city of magnificent streets allow itself through inaction and lack of foresight to be built in by sporatic growth . . . awaken too late only to find much of the evil impossible of correction.

"So much of the proper future development of Columbia depends on the actual municipal or governmental control of these suburban districts which are even now a physical part of the city and we should urge such immediate action as may be necessary to accomplish this purpose."

We can see by the statements which are contained in this old plan that our forefathers were concerned in the early 1900's about the future development of the community. Now is the time to ask ourselves if there has been any change with respect to the development of our community. While it is true that we have more and more modern conveniences in our homes and community which have all been brought about through technological achievements, we must confess as we examine ourselves that we have not reached a point in community development which is entirely satisfactory. We are continuing to make mistakes by permitting unrelated residential development, poorly designed streets, development of incompatible land uses and so on. Major streets leading to the heart of our community have become blighted because of strip commercial development which has encouraged a hodge-podge of poorly designed buildings, glaring signs and a mixture of industrial, retail and residential uses. We have failed to provide adequate building setbacks to eliminate conflicts between pedestrians and vehicular traffic. The lack of adequate off-street parking facilities has not only created traffic problems, but it has actually hurt the entrepreneur.

The Future

As we consider our planning for



LANCASTER, SOUTH CAROLINA

the future, we are obligated to think of a larger city and community than exists at the present time. Assuming that the growth pattern of the past 20 years continues, the Columbia urbanized area could very easily contain approximately 350,000 by 1980. This is less than 20 years in the future. In our total planning program, we must look to and beyond 1980. It is not an easy task, but we must address ourselves to the fact that we have to assume the responsibility of planning for the future and not necessarily just 20 years hence, but even longer.

Development in our community has reached the crossroads. Two choices are available concerning future development. First, we can sit back and do virtually nothing. We can watch every good piece of land be developed in a haphazard way disregarding appearance, form and function. We can watch our streets become crowded with traffic and quickly see that we are willing to be subdued by our own creations.

Fortunately, there is a second choice. Through cooperation among all responsible agencies and persons, we can plan for orderly development in a day and age of rapid growth. We can work together to raise our community to a high and important position in the regional economy. Proper planning is the answer. By no stretch of the imagination will the task be easy. We must not be like a vehicle stuck in the mud, engine roaring, but getting nowhere. There must be direction and cooperation. The only conclusion is that public and private groups must demonstrate responsible leadership if our community is to develop in an orderly way. The decision is ours. What must we decision be?

COLUMBIA/ EAST



Masonic Hall Architects: G. Thomas Harmon, William Keenan



South Dormitory, U.S.C. Architects: Lyles, Bissett, Carlisle and Wolff



Westley Methodist Student Center - U.S.C. Architects: Lafaye, Fair, Lafaye and Associates







Senate Plaza Architect: Maynard Pearlstine



Married Student Housing Architect: Alex Dickson



Architects Offices Architect: Lyles, Bissett, Carlisle & Wolff



State Bank & Trust Co. - Branch Architects: G. Thomas Harmon, William Keenan



U.S.C. Addition Architects: Upshur, Riley & Bultman

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Architectural Historian Finds City Pleasurable

By ANNE W. MARSHALL Columbia Record Staff Writer

A genial Englishman visited Columbia overnight and "jolly well" almost left the local citizens longing for colonial status again.

The handsome Britisher, Alec Clifton-Taylor, stopped off here on a nationwide speaking tour to address the Columbia branch of the English Speaking Union recently.

An architectural historian, the visitor found Columbia "very pleasurable."

He particularly liked the colonial homes made of wood and the porches designed to provide shade.

"In England, you know, we don't have the problem of keeping out the sun."

The wooden homes were particularly attractive to Clifton-Taylor because there is such a shortage of this building material in his native country.

"We wasted it building ships and making charcoal — by the 18th Century, England had a shortage of wood."

Brick and stone are England's most popular building materials and concrete block is being used a great deal now, he says.

As an architectural historian, the lecturer is interested in buildings made of traditional materials.

Not an enthusiast for modern glass towers, he said that every age in architecture left its mark.

Certain of the earlier work of Frank Lloyd Wright and the Dutch architect Mies van der Rohe are admired by Clifton-Taylor.

A condition Clifton-Taylor attached to his current U. S. tour was a trip to the South and especially to Charleston.

Born near London, he is a graduate of Queen's College, Oxford; the Courtauld Institute of Art, University of London; and the Sorbonne in Paris.

For 16 years he lectured on art at London University and has lectured widely for the past 15 years in all parts of England and in France, Switzerland and Holland.

COLUMBIA/EAST



Dormitory - Allen University Architect: Maynard Pearlstine







Five Points Citizens And Southern National Bank

Architects: Lafaye, Fair, Lafaye And Associates

Dunbar Devine Street Chapel

Architects: Jackson and Miller



St. Martin's In The Fields Architects: Lafaye, Fair, Lafaye & Associates



Forest Lake Country Club Architects: Lyles, Bissett, Carlisle & Wolff



Security Federal Savings & Loan Association

Architects: Lafaye, Fair, Lafaye and Associates

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Men's Residence Halls - U. S. C. Architects: G. Thomas Harmon, William Keenan









Columbia National Guard Armory Architects: Lafaye, Fair, Lafaye And Associates



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