

SEPTEMBER-OCTOBER 1984

NORTH CAROLINA ARCHITECT

Bulk Rate
US Postage Paid
Charlotte, N.C.
Permit No. 2180

JAMES M. EDWARDS, III
420 N. BOYLAN AVE.
RALEIGH, NC 27603



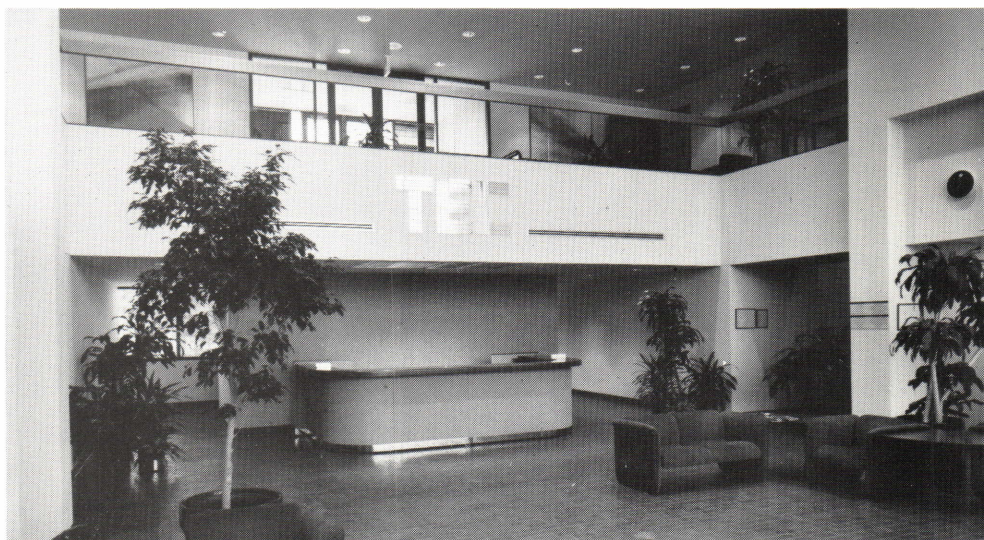
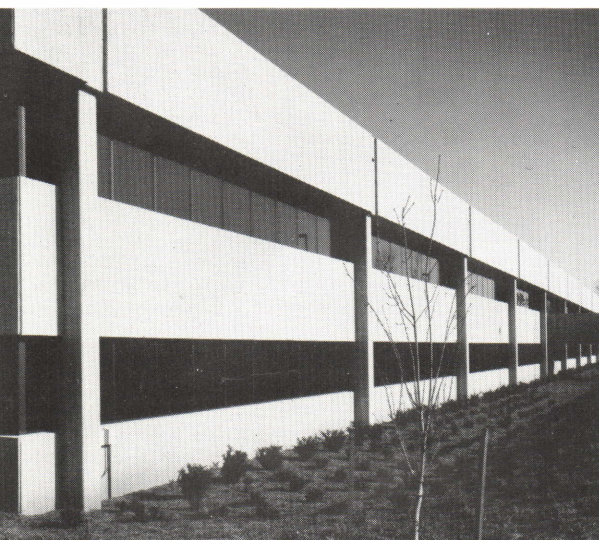


Vantage Space

PRESTRESSED CONCRETE OFFICE BUILDING SYSTEMS

...designed for quality and economy.

Tindall's multi-story construction for prestige office park development ... produces attractive, fire resistant, energy efficient facilities.



At lowest first cost for multi-level offices, Vantage Space offers faster construction, lower insurance premiums and more open space than competing systems.

Specify fast, economical construction on your next office project and experience the benefits of single-source responsibility for structure and cladding. That's Vantage Space, and that means Tindall. Call us today for details.



*"When we promise delivery, it happens.
When we say TOTAL SERVICE, we mean it."*

The Budgetmakers



It's only natural

to consider David Allen Company a valuable source of information. With sixty years of experience, we welcome the opportunity to provide you with technical information, specifications, product recommendations or budget prices on *tiles, terrazzo, acoustical, resilient flooring, special flooring, marble and movable partitions*. Give us a call at 919-821-7100.



SINCE 1920

DAVID ALLEN COMPANY

P. O. BOX 27705 • RALEIGH, N. C. 27611 • (919) 821-7100

BRICK

IN NORTH CAROLINA
ARCHITECTURE



ST. PAULS PARISH CENTER NEW BERN, N.C.

ARCHITECT: ROBERT W. CARR, INC.
GENERAL CONTRACTOR: FASCO, INC.
MASONRY CONTRACTOR: FLASH MASONRY



NORTH CAROLINA ARCHITECT

Volume 32, No. 5
September-October

Publisher/Editor

Whitney Shaw

Editor in Chief

Gaylord Shaw

Art Director

Jim Burris

Advertising Director

Sam Rogers

Sales Representative

Elizabeth Jackson

Office Manager

Tamara O'Brien Shaw

Editorial/Graphics Associate

Stacey H. Brown

**Patrons Of North Carolina
Architect Magazine:**

Tashiro Associates, Wilkesboro

Peterson Associates, Charlotte

Hakan/Corley & Associates, Chapel Hill

Robert W. Carr, Inc., Durham

Hammill-Walter Associates, Inc.,
Winston-Salem

Ramsay Associates, Salisbury

Clemmer, Bush, Sills, Abernethy, Inc.,
Hickory

Owen F. Smith, Architect, Raleigh

Newman Calloway Johnson Winfree,
Winston-Salem

Skinner, Lamm & Highsmith, Wilson

O'Brien/Atkins Associates, P.A.,
Chapel Hill

L. Pegram Holland, Jr., Architect, P.A.,
Shelby

Daniels-Worley, Architects A.I.A., Brevard

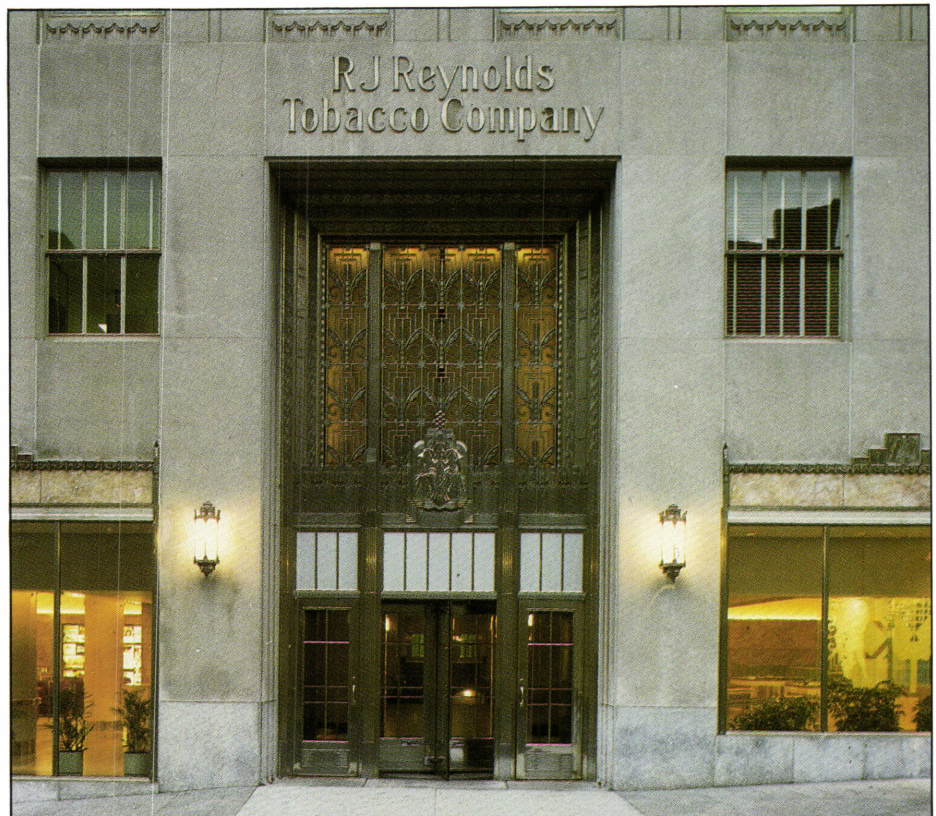
G. Milton Small & Associates, Raleigh

Odell Associates, Inc., Charlotte

J. N. Pease Associates, Charlotte

North Carolina Architect is published six times a year by Shaw Communications Inc., Charlotte, N.C., for the North Carolina Chapter of the American Institute of Architects. Advertising and editorial offices are located at 212 S. Tryon St., Charlotte, N.C. 28281. NCAIA offices are located at 115 W. Morgan St., Raleigh, N.C. 27601. Address editorial, advertising and circulation correspondence to *North Carolina Architect*, 212 S. Tryon St., Charlotte, N.C. 28281. Telephone (704) 372-9794. Subscription rate: \$12 a year for non-NCAIA members. Third class postage (permit number 2180) paid at Charlotte, N.C. Copyright © 1984 NCAIA and Shaw Communications Inc. POSTMASTER: Send Form 3579 to *North Carolina Architect*, 212 S. Tryon St., Charlotte, N.C. 28281.

Printed by Greensboro Printing Company



COVER STORY

- 4. Managing Growth.** How the firm of Clark Tribble Harris & Li stays on top of its rapid expansion.
-

FEATURES

- 10. A Future for the Past.** Preservation can bring tax breaks—and good design.
- 16. Barrier Free Architecture.** Accessible design is stressed in North Carolina.
- 24. Four N.C. Winners.** SARC honors firms at Asheville convention.
-

DEPARTMENTS

- 18. Off the Drawing Board.**
-

Cover: The Arts Classroom Building in Chapel Hill designed by Clark Tribble Harris & Li. Photography by Joann Sieburg Baker.



Some of the recent additions to the diverse architectural design portfolio of Clark Tribble Harris & Li include: Capital Tower in Tyson's Corner, Va., designed for the Hadid Investment Group (left); The Marriott Hotel in Charlotte's new Independence Center (below); and in Jacksonville, Fla., the Florida National Bank Building in Enterprise Center (below left).



MANAGING GROWTH

Clark Tribble Harris & Li Stays on Top of Expansion

By Whitney Shaw

Every year since the late 1970s, the management of Clark Tribble Harris & Li has gone on a weekend planning retreat to develop one-year and five-year business plans.

"The scale of the plan and the scope of it changes," says Joe Harris, one of the founders of the Charlotte-based architectural firm. "What hasn't changed is what we want to do. We've always sought a diversity of work, a multi-disciplined approach."

At Clark Tribble, that approach has meant an organized and carefully planned effort to land government projects, to work with developers of office buildings, hotels and mixed-use projects and to work with specific corporate clients. Even in the firm's early days, the strategy was to "resist the low profile house in the suburbs," Harris says.

With a "mixed portfolio," Harris explains, "a firm can ride the economy and take out the peaks and valleys." What Harris might add is equally clear: successful diversification can bring growth, regardless of what's happening in the marketplace or what mood the economy is in, and entirely new challenges for a firm's management.

There's little doubt that Clark Tribble has grown at a fast clip since it was founded in 1973. By 1976, there were still only six employees; today, the work force is approaching 150, offices have been opened in Washington, D.C. and New York City with additional locations being planned, and construction costs of its projects have increased from \$50 million to more than \$500 million in 1983.

This is one of a series of occasional profiles of N.C. architects and architectural firms.



Principals in the firm are (left to right): Joe Harris, Jerry Li and Mike Tribble.

Photo by Jay Weinmiller

According to Building Design and Construction, a trade magazine, Clark Tribble's 1983 fee income was \$4.5 million, which ranked it 57th in the country among firms responding to the publication's questionnaire. Harris anticipates a 30 percent increase in fee income this year.

"For us, it's actually gotten easier to grow because the scale of the project we do is up," Harris explains. "In terms of project management, it's actually easier because we have fewer individual projects but the size of the project has grown."

The level of activity that has made Clark Tribble one of the fastest growing architectural firms in the country has brought an unquestioned need for savvy business and management moves.

"When we organized the firm, we set out a game plan with a potential clients list and costs for years one through three," Harris recalls. "Then we financed the firm based on those projec-

tions. We exceeded what was our three-year projection in the first 10 months. We've concentrated on implementing a plan since we started, rather than looking back with regrets. It's been more a case of keeping up with it."

Jerry Li, another founder of the firm, adds:

"Architectural firms are sometimes thought to be in the middle ages in terms of management, but we know we're running a business. We acquire clients through a 10 percent edge we have in glamour, in design, but we keep our clients, and we're on the tenth or twelfth building with some, through the speed and accuracy of our work. We're good listeners."

Harris says the firm's growth has intensified the need to listen to existing clients and meet their requirements rather than concentrating efforts completely on attracting new business.

"In terms of benchmarks of our growth, I look back and think first of

(continued)



Clark Tribble's design of Georgetown Park in Washington, D.C. won a 1984 NCAIA Design Award for its careful detailing in recreating a turn of the century atmosphere.

plantscapes

Interior Landscaping • Plant Design
Commercial • Residential
Purchase • Lease
Maintenance
(Guaranteed Plant Replacement)

Retail
Short Term Rentals
Corporate Open Houses
Special Events • Seasonal Displays

11412 Strickland Road • Raleigh • 847-5929

yesterday's project, the last one."

"If you don't develop a nucleus of sufficient size, you can't get the scale of projects you really might want," Harris says.

Whether it's architecture or industry, he adds, it's logical to conclude that repeat business is often the steadiest source of growth.

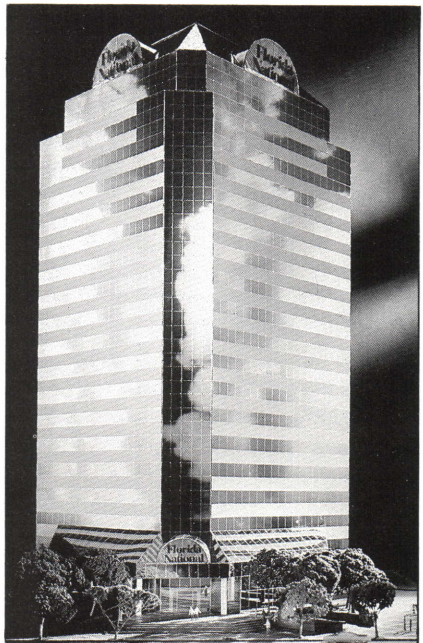
Mike Tribble, another founder, remembers when the firm stuck to its business plan and sought to win the design competition for Discovery Place, a downtown Charlotte science museum. At the time, the firm had eight employees.

"It was a risk," Tribble says. "We spent two or three months concentrating our energies to get the project, without pay or guarantees, of course."

Clark Tribble's design of Discovery Place has been widely praised as both visually pleasing and functional.

Today, 80 percent of Clark Tribble's work is outside Charlotte, an important factor in the decision to open offices in Washington and New York.

"Washington and New York offer an opportunity to participate in large scale



Florida National Bank Building.

projects," says Harris. "We're specialists in the suburban office market, and there are naturally going to be bigger opportunities in large cities. We've got 1 million square feet of space under construction right now at Tyson's Corner in Washington, and that's just one location."

The Washington office has also played an important role in the development of

(continued)

WHAT DOUGLAS AIRPORT DID TO KEEP ITS ENERGY COSTS FROM SOARING.

When they began to plan Charlotte's new airport, the people at the Airport Authority expressed great interest in an area that is also of great interest to us at Duke Power: Energy efficiency.

Out of this mutual interest came a cooperative working relationship between their engineers and our experts. Which eventually resulted in an innovative airport facility designed to keep energy costs to an absolute minimum.

For instance, sky-

lighting is used wherever possible to utilize the sun's light. Energy storage devices are employed to store energy during off-peak hours as a way of cutting the airport's peak demand charges. Extra insulation in the walls and ceilings results in lowered heating and cooling costs. And much more.

The significant lowering of energy costs produced by these efforts hasn't gone unnoticed. Douglas Airport

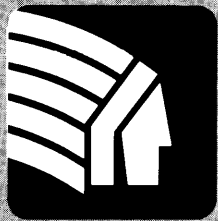
Electric Exchange's 1983 Energy Efficiency Award.

Obviously, you don't have to have a facility as large as Douglas Airport to realize significant energy savings. Nor do you have to have a new building. There are lots of energy saving ideas you can put to work today. And we'd like to help.

For more information on making your facility more energy efficient, contact your local Duke Power office.

DUKE POWER





Cherokee Design Materials

A division of
Cherokee Brick Company
of North Carolina

North Carolina's Largest Distributor of Architectural Products:

- Face Brick
- Paving Brick
- Glazed and Unglazed Tiles
- Terra Cotta Veneer and Coping
- Colored Mortars and Agents

520 Brickhaven Drive, P.O. Box 33629,
Raleigh, N.C. 27606
919-828-0541
Toll Free N.C. 1-800-662-7087

federal government projects at Clark Tribble. One part of the firm's early strategy was to develop such projects so they would account to 20 percent to 30 percent of the firm's business.

One major federal project currently being worked on is a museum for the Army Corps of Engineers.

Such projects require substantial coordination between the firm's offices. Clark Tribble uses state-of-the-art technology, including computer-aided drafting and telecommunications, to accomplish that.

Major projects also attract the attention of potential employees.

"What I believe we do specifically is attract people with quality professional attributes and give them the environment in which they can do what they want," Harris says.

With growth has come a need to maintain communications within the firm, something that has been emphasized since Clark Tribble's early days. Shortly after Steve Falkenbury, whose 30 years as an engineer, contractor and consultant was sought to open the gov-

ernment marketplace for Clark Tribble, joined the firm, he initiated the weekend planning retreat. As an added twist to that first retreat, he sent a confidential questionnaire to the wives of the firm's principals that asked their objectives for the firm and their husband.

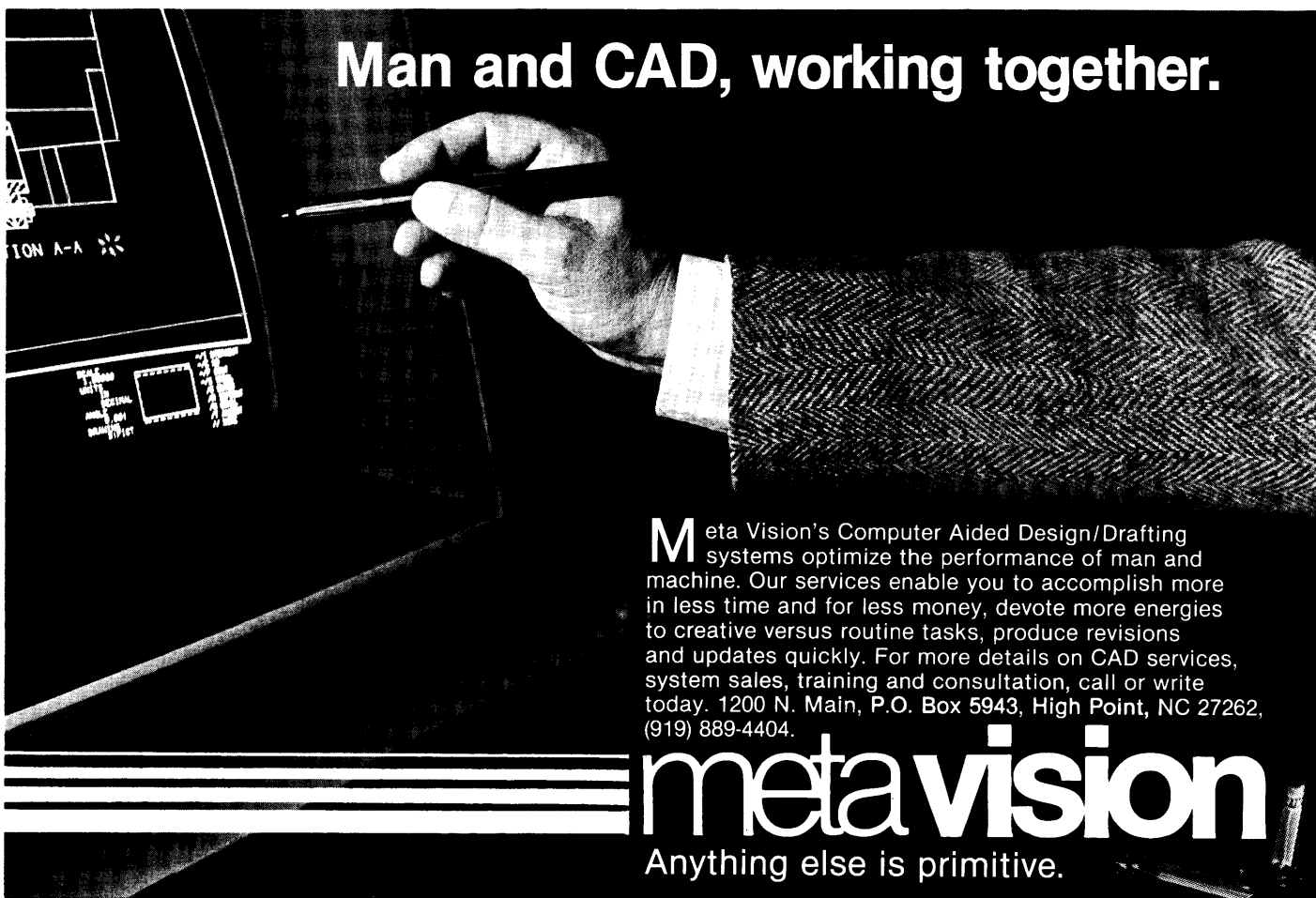
Falkenbury says its purpose was to spot problems before they developed. If, for example, a wife wanted her husband to work 20 hours a week while he wanted to dedicate his entire life to Clark Tribble, there was bound to be a problem that affected everybody.

Tribble, for one, thinks the most important thing to a firm's success is the ability and desire to "nurture your people," making sure they grow with the firm and develop the skills and judgment that will enable them to serve clients.

"Now that we've been doing it for a while, I think back to all the people who helped us," says Harris. "In the beginning, we'd call on clients and prospects during the day but design overnight. That's something we still provide."

Contributing to this article was freelance writer Norris Frederick. □

Man and CAD, working together.



Meta Vision's Computer Aided Design/Drafting systems optimize the performance of man and machine. Our services enable you to accomplish more in less time and for less money, devote more energies to creative versus routine tasks, produce revisions and updates quickly. For more details on CAD services, system sales, training and consultation, call or write today. 1200 N. Main, P.O. Box 5943, High Point, NC 27262, (919) 889-4404.

meta vision

Anything else is primitive.

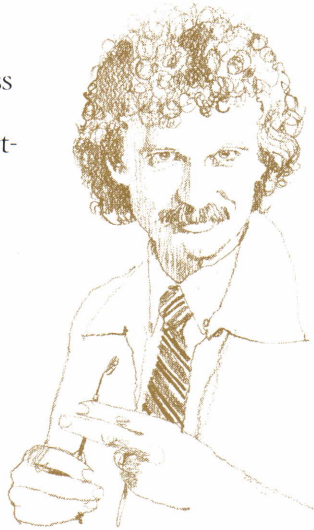
Why business people like doing business with Southern National Bank.

The best advertising for a bank is its satisfied customers. If you don't find your type of business represented here, just call our marketing department toll-free at 1-800-672-9863, and we'll be happy to give you all the references you need.

AUTO SALVAGE

"With the help of Southern National, we've grown from 3 employees to 50."

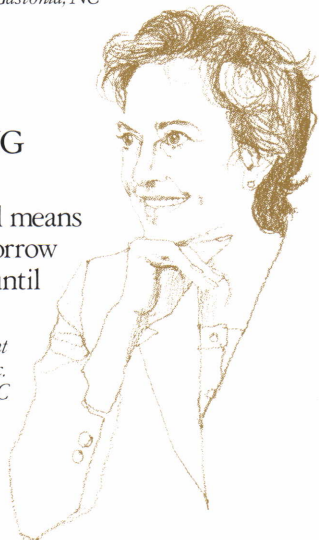
*Tom Hunter, President
Hunter Auto & Wrecker
Service, Charlotte, NC*



BICYCLES

"If you operate a small business, you know that getting a small loan can be tougher than getting a big one. That's why we switched to Southern National originally. Along with better rates, they were ready to give us more personal attention, and we've never regretted our decision."

*Toad Davis, Owner
Piedmont Schwinn, Gastonia, NC*



CONTRACTING

"Banking with Southern National means we don't have to borrow operating money until the last minute."

*Joan Bowling, President
Industrial Roofing Co., Inc.
Winston-Salem, NC*

DENTISTS

"Someday I'd like to do an ad for Southern National Bank to show my appreciation. They've never played games with me, and they've met most of my needs on the spot."

*Dr. John Pfefferle
Pedodontics, Raleigh, NC*

INSURANCE

"Instead of dictating their rules to you, Southern National actually responds to your problems. They invest time that other bankers just don't have for you. All in all, it's the best service I've ever received, and I've been in the insurance business for 19 years."

*Dave McAndrew, Owner
Dave McAndrew Insurance Agency
Charlotte, NC*

MICROFILMING

"When we first started this business, Southern National was the only bank that took the time to give us step-by-step instructions for putting together a professional financing package. Today I deal with three different divisions of the bank and I have nothing but praise and appreciation for all of them."

*Jim Rumph, President
Southeastern Microfilm, Inc.
Raleigh, NC*

PLASTICS

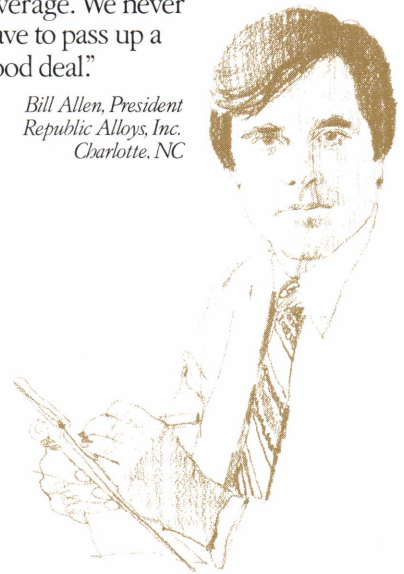
"When we shopped the banks in this market for an industrial revenue bond, it was obvious that Southern National was the only one that really wanted our business. Since then, they have never left us with an unsatisfied need or an unanswered question."

*Ken Barbee, President
Plastics Manufacturing, Inc.
Harrisburg, NC*

SCRAP METAL

"Southern National's quick-decision policy gives us terrific purchasing leverage. We never have to pass up a good deal."

*Bill Allen, President
Republic Alloys, Inc.
Charlotte, NC*



TRANSMISSIONS

"Working with Southern National gives me a very comfortable feeling. I know they're looking out for me, so instead of wasting my time shopping the market for rates and services, I can attend to my business."

*Dick Lang, Owner
Aamco Transmissions, Raleigh, NC*

SOUTHERN NATIONAL BANK
You can tell we want your business.

A FUTURE FOR THE PAST

Preservation Can Bring Tax Breaks—and Good Design

By Gerald Traub

EDITOR'S NOTE: Written by a member of the NCAIA Historic Resources Committee, this is the first of a periodic series of articles on issues and topics of interest to architects.

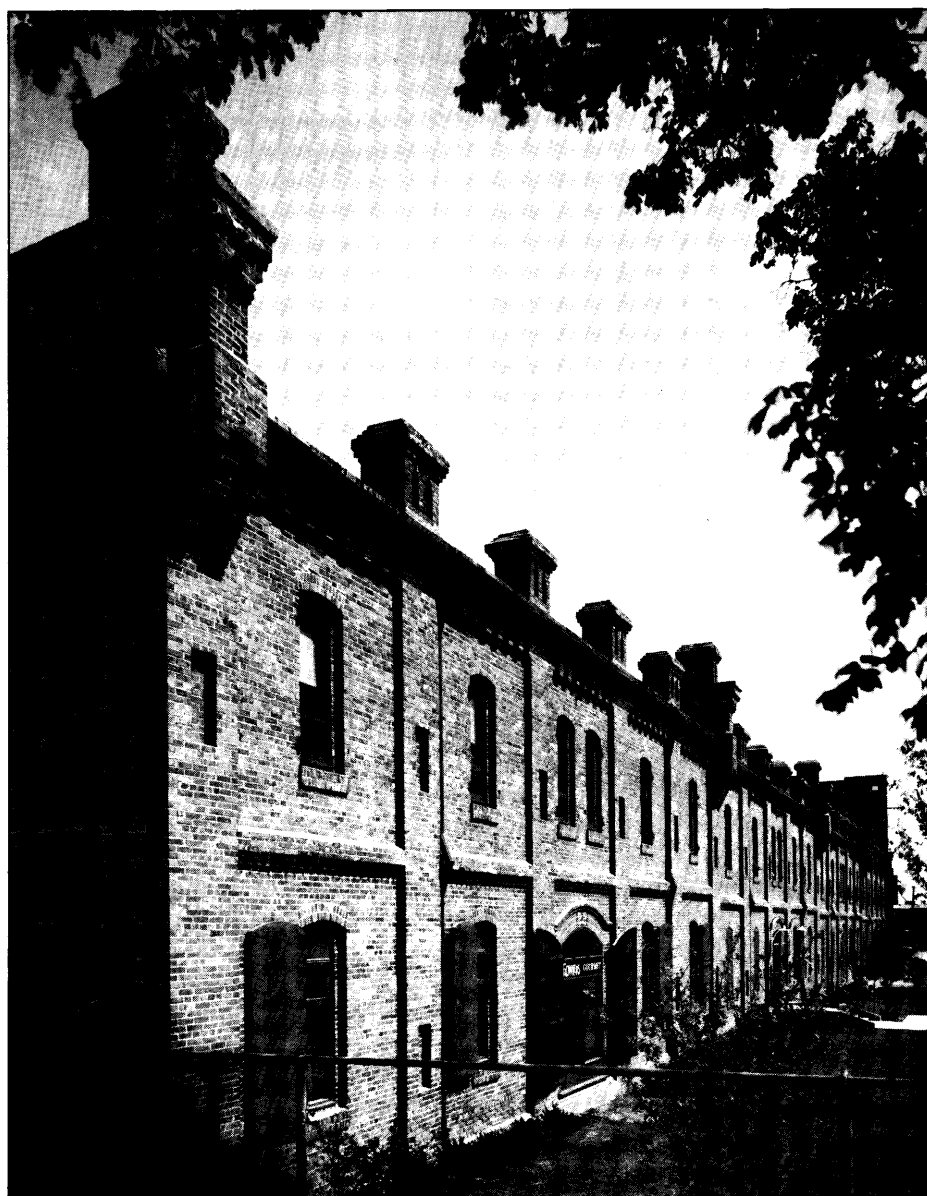
Today's professional architecture journals are filled with historic preservation or adaptive re-use projects. This is due, in part, to a heightened awareness of the value of recycling older buildings. The movement toward sensible re-use also has gotten a major shot in the arm from federal tax programs, starting as early as 1976. The most recent incentives for rehabilitation are in the Economic Recovery Tax Act of 1981.

As architects we have a responsibility to our clients to be conversant with the Secretary of the Interior's Standards for Rehabilitation. This document is the sole guideline by which projects are judged to be or not to be "certified rehabilitations." A project must be certified so that the owners can claim the full 25% tax credits provided in the tax act.

The number of tax act projects is growing every year as more and more investors become aware of the obvious benefits. Frank Branan, AIA, Tax Act Coordinator for the state Historic Preservation Office, says that in 1983 alone there were 116 tax act projects worth \$12.1 million in North Carolina.

The need for a complete understanding of the guidelines at the earliest stages of planning is imperative to avoid costly design changes that might be required to make your project comply.

There are ten standards that the designer must follow. They are explicit and based on common sense. They are standards that we all should have been applying to projects on existing structures long before the Tax Act was ever thought about. They attempt to define "good design" in objective terms. To



Brightleaf Square in Durham is an example of old tobacco warehouses renovated through revitalization projects.

Photo by Rick Alexander

qualify for tax credits your client must be prepared to take the time necessary and spend the money to do it right. In that respect, the standards are no more restrictive than the parameters the original architect worked with to make a high quality building, one ultimately worthy of historic designation.

Here are the ten standards, presented verbatim from the U. S. Department of the Interior's document, and followed by a discussion of each:

Standard No. 1. *Every reasonable effort shall be made to provide a compatible use for a property which requires minimal alteration of the building, structure, or site and its environment, or to use a property for its originally intended purpose.*

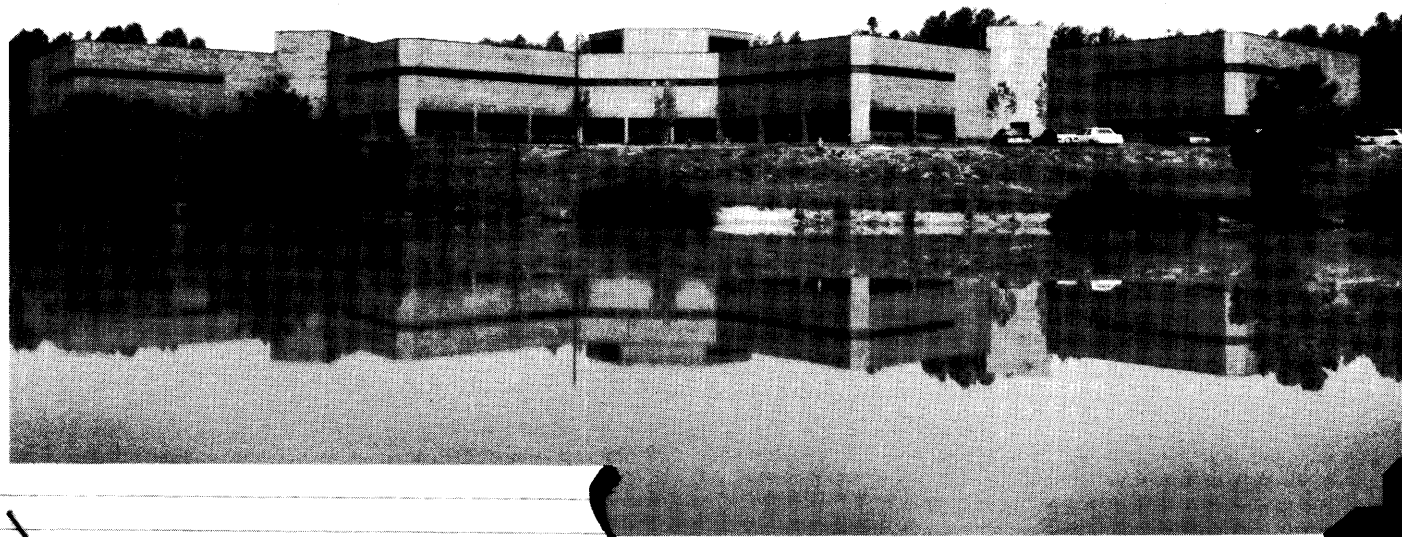
Careful consideration must be given to the adaptive re-use of your historic

structure so that its architectural fabric and character will not be destroyed. If the new use requires removal or alteration of original partitions, doors, windows, stairs, porches, etc., you may need to re-examine your plans or re-examine the proposed use itself. Design inconsistent with the standards can occur at the most basic level—the intended use may be inappropriate to the original structure.

Standard No. 2. *The distinguishing original qualities or character of a building, structure, or site and its environment shall not be destroyed. The removal or alteration of any historic material or distinctive architectural features should be avoided when possible.*

Where a distinctive architectural feature, such as a projecting bay, porch,

(continued)



J.R.
Request
complete
product
brochure.
WED

Teakwood

SUBTLE TONES
ACCENTUATED BY
SUNLIGHT GIVE THIS
BRICK A RANGE OF
AESTHETICALLY

PLEASING COLORS. THE EFFECT IS REALIZED IN THE
CAS SIRMINE BUILDING, RESEARCH TRIANGLE PARK,
NORTH CAROLINA, WINNER OF THE AMERICAN INSTITUTE
OF ARCHITECTS' HONOR AWARD.

CAROLINA CERAMICS IS NOTED FOR THE CREATION OF HAND-
BLENDED, DISTINCTIVE TONES THAT FIT ATTRACTIVELY INTO
ANY SETTING, FROM URBAN CENTERS TO RURAL LOCATIONS.
OUR COMMITMENT TO QUALITY AT ALL STAGES OF PRODUCTION
ASSURES THE ARCHITECT OF BRICK THAT IS CONSISTENT AS
SPECIFIED IN AN UNLIMITED VARIETY OF SIZES AND SHAPES.
CALL OR WRITE TODAY FOR OUR BROCHURE, AND THE NAME OF
THE CAROLINA CERAMICS DISTRIBUTOR IN YOUR AREA.

**CAROLINA
CERAMICS** INC.

ROUTE 3, BOX 266 · COLUMBIA, SOUTH CAROLINA 29206 · (803) 788-1916



EZRA MEIR ASSOCIATES, INC.

CONSULTING ENGINEERS

- Structural Engineering
- Geotechnical Engineering
- Civil Engineering
- Materials Testing Services
- Inspection Services

401 Glenwood Avenue - P.O. Box 12447 - Raleigh, N.C. 27605
919/828-0801

The Only Thing Better Than Old Money Is... Old Brick.

For the elegant
look of affluence and
ageless beauty, our
handmade bricks are in
a class by themselves.
Use your imagination.

Old Carolina Brick

Majolica Road., Salisbury, NC 28144—(704) 636-6650

Ceramic Crafters

slate roof, cornice, window sash, etc., is removed, it destroys an important original quality or characteristic of the structure. Efforts should be made to preserve historic features and materials rather than removing or replacing them with modern substitutions. Features that must be removed and cannot be replaced should not be destroyed. Rather, it should be carefully preserved for its historic value.

Standard No. 3. All buildings, structures and sites shall be recognized as products of their own time. Alterations that have no historical basis and which seek to create an earlier appearance shall be discouraged.

Perhaps the classic violation of this standard is when a modest 19th century commercial building is "earlied up" by destroying the storefront, creating an arcade, installing "ye olde colonial" doorway, complete with shuttered windows and tiny panes of glass.

The Georgian style of early Williamsburg is very good, but it is a rare town that has buildings of this style or period of history. Yet time and again we see "Williamsburg" features added to late 19th or early 20th century buildings. It has been called "Phony Colonie." The skillful use of color, detailing or accessories from the appropriate period of history can do much to enhance the original qualities of the building.

Standard No. 4. Changes which may have taken place in the course of time are evidence of the history and development of a building, structure, or site and its environment. These changes may have acquired significance in their own right, and this significance shall be recognized and respected.

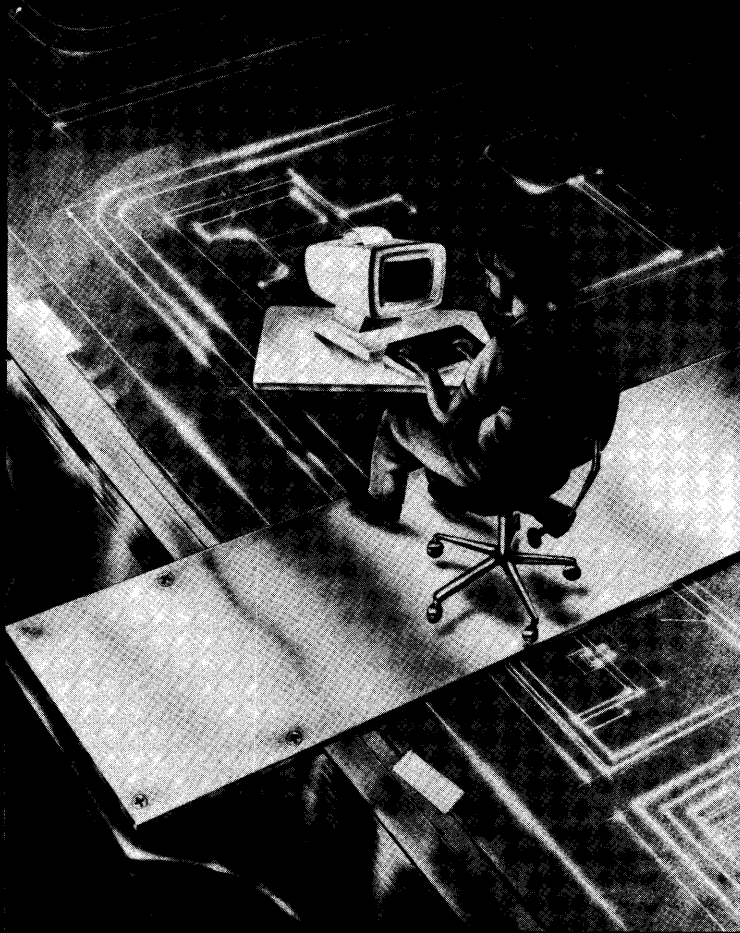
An example of this is a building dating from the 1840s, which lost its later wing. While not original, the wing was over 100 years old, and had acquired significance in its own right. It had become a familiar adjunct of the original building. The missing wing was evidence of the evolving history and development of the building that had acquired significance, and that significance should have been recognized and respected.

Sometimes it is difficult to determine significance. When does an addition acquire significance? If the changes are substantial and were obviously intended to be permanent, or if they reflect the changing taste or use of the owner, or if a significant historic event is associated

(continued)

IMAGINE

STEPPING INTO THE FUTURE TODAY



HEWLETT-PACKARD / HOLGUIN COMPUTER-AIDED DESIGN / DRAFTING

No doubt you've heard stories of the increased productivity, total dependability, and unfailing accuracy of Computer-Aided Design/Drafting (CADD) systems. Perhaps you've even wondered if a system exists for your operation.

The answer is YES. The Hewlett-Packard / Holguin System is a total solution; a comprehensive turnkey design and drafting package that is a leader in the CADD industry in these major categories . . .

- Cost effective performance with a quick return on investment; considering the savings in man hours alone,

we make it possible to incorporate design changes without redoing drawings.

- Adaptable for use in any design/drafting department.
- A unique implementation plan (The "Holguin Method") that produces 2 to 1 or 3 to 1 productivity levels within the first weeks of operation.
- So easy to learn that the staff you now have can become expert even without prior computer experience.
- Powerful state of the art single or multi-user workstations.
- Proven track record with over 1200 systems installed.

. . . All this leads to increasing your competitive edge in the market. Please call your nearest Hewlett-Packard office to arrange a demonstration today.



**HEWLETT
PACKARD**

CHARLOTTE (704) 527-8780
GREENSBORO (919) 852-1800
RALEIGH (919) 467-6600
KNOXVILLE
(WESTERN N. CAROLINA) (615) 966-4747

HOLGUIN

ATLANTA, GA. (404) 951-9481
(800) 351-1061

with the addition, then the addition has significance of its own.

Standard No. 5. *Distinctive stylistic features or examples of skilled craftsmanship which characterize a building, structure, or site shall be treated with sensitivity.*

Some examples of stylistic features are patterned masonry and slate roofs, window shapes, sash patterns, and ornamental woodwork. Sometimes a rehabilitation involves subdividing a space which includes a significant architectural feature such as an elaborate plaster cornice or wainscot. The new partition wall should be carefully cut to conform to the profile of the original feature and thus the craftsmanship will have been treated with sensitivity.

Some examples of insensitivity are: the cutting out of mortar joints with power grinders, the removal of original plaster to expose masonry that was never intended to be exposed, stripping paint from originally painted doors or

paneling to obtain a "natural" finish, the use of aluminum or vinyl siding over original wood siding, etc.

Standard No. 6. *Deteriorated architectural features shall be repaired rather than replaced, wherever possible. In the event replacement is necessary the new material should match the material being replaced in composition, design, color, texture, and other visual qualities. Repair or replacement of missing architectural features should be based on accurate duplications of features, substantiated by historic, physical, or pictorial evidence rather than on conjectural designs or the availability of different architectural elements from other buildings or structures.*

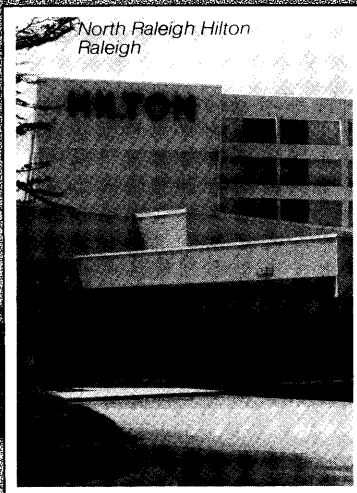
In some instances, it may be relatively simple to repair the damage done to the historic material as a result of decay or of earlier and inappropriate alterations. In other instances replacement of architectural elements may be necessary. If so, replacement should be

based on historic photographs or physical evidence rather than on conjectural designs. Careful examination of a deteriorated feature many times reveals that the finish is the bad part, not the material itself. It is better to repair and reuse than to destroy and replace.

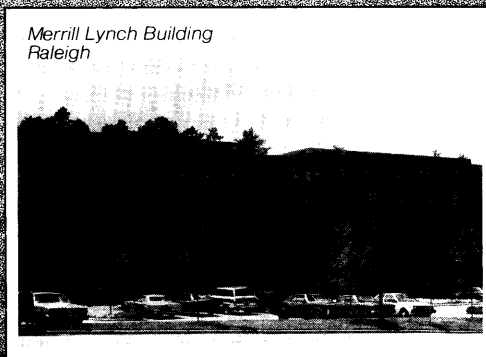
The use of salvaged materials, such as "used brick," or components, such as mantels from a building of a different style or quality, demeans the original quality of an historic structure.

Standard No. 7. *The surface cleaning of structures shall be undertaken with the gentlest means possible. Sandblasting and other cleaning methods that will damage historic building materials shall not be undertaken.*

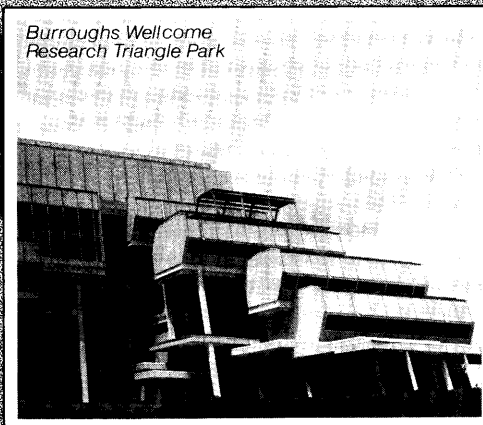
In the past few years, this standard has become well-known, and we have witnessed a slight decrease in the use of sandblasting, or very high pressure water, and of combination processes that may include chemicals inappropriate for the fabric of the building being



North Raleigh Hilton
Raleigh



Merrill Lynch Building
Raleigh



Burroughs Wellcome
Research Triangle Park

When it comes to Roofing, Carlisle and Westover Products have North Carolina covered.

WSOC Television in Charlotte

cleaned. The basic issue with any of these methods is damage.

Tests are usually required to determine the appropriate cleaning materials and methods. In most cases water and a chemical solution at a low pressure are sufficient to clean a masonry building. Detergents and Clorox in warm water with the use of stiff bristle nylon brushes and a lot of elbow grease will do the job on wood. These methods do not destroy the historic materials.

Standard No. 8. *Every reasonable effort shall be made to protect and preserve archeological resources affected by, or adjacent to, any project.*

It may be assumed in most rehabilitation projects that there are likely to be archeological remains underneath and in close proximity around historic buildings. Almost any excavation, whether for plumbing lines, drainage ditches, or underground electric lines might encounter some archeological feature or evidence of earlier archeological re-

sources which should be taken into account in the planning and execution of a rehabilitation project.

If such is the case in your project, please contact the Archeology Branch of the Division of Archives and History for advice and instructions before you proceed with the work.

Standard No. 9. *Contemporary design for alterations and additions to existing properties shall not be discouraged when such alterations and additions do not destroy significant historical, architectural or cultural material, and such design is compatible with the size, scale, color, material, and character of the property, neighborhood, or environment.*

A contemporary fill-in addition, between two portions of an historic building, which does not destroy significant architectural materials, and which is compatible with the scale, color, and character of the property, can be very successful in both design and function

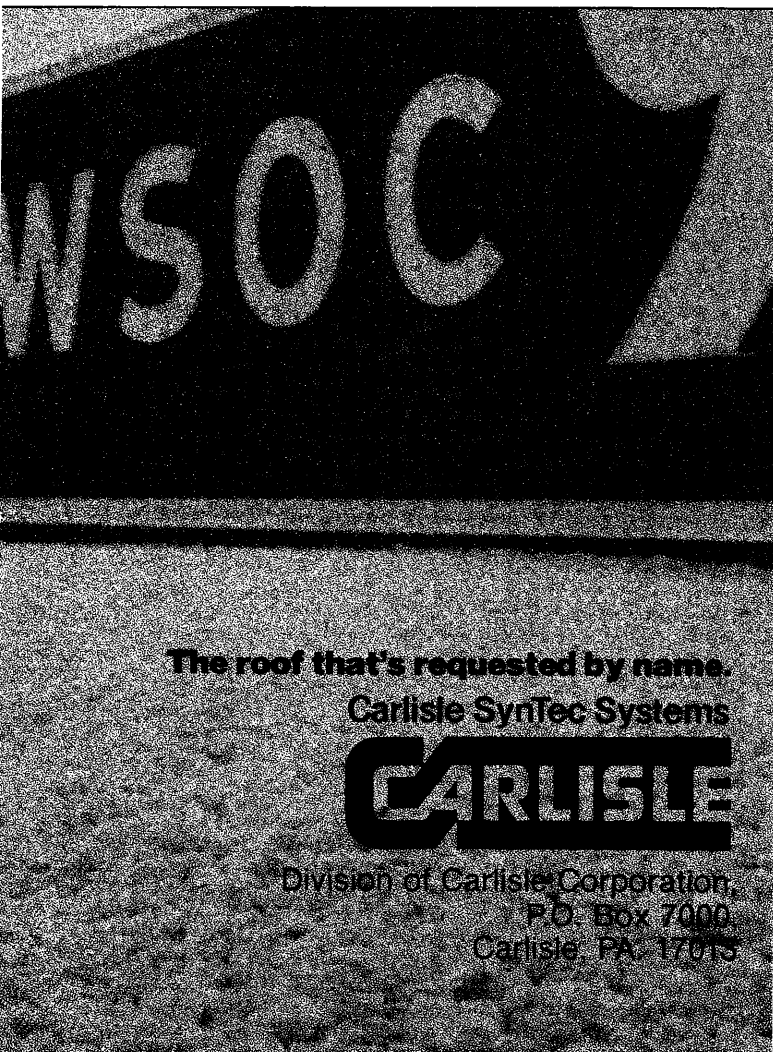
without compromising the historic integrity. Suitable contemporary wings separated from the original shell by a connecting passage are also acceptable. Here good taste and sympathy for the historic structure is the rule.

Standard No. 10. *Wherever possible, new additions or alterations to structures shall be done in such a manner that if such additions or alterations were to be removed in the future, the essential form and integrity of the structure would be unimpaired.*

An addition should not only preserve the historic character, but also allow for its future removal without impairing the essential character of the original structure.

The common thread that runs through all of this is to treat existing buildings and sites with respect and sensitivity, good design and common sense.

This article was prepared with the assistance of the North Carolina State Historic Preservation Office. □



The roof that's requested by name.
Carlisle SynTec Systems
CARLISLE
Division of Carlisle Corporation
P.O. Box 7000
Carlisle, PA 17013

Whether you're traveling through Raleigh, Greensboro, or Charlotte, Westover Products really does cover North Carolina!

The new North Raleigh Hilton and Burroughs Wellcome in the Research Triangle Park are just a few of the many companies all over North Carolina with Carlisle's Sure-Seal™ roofs.

And, with over 20 years of experience in single ply roofing, it's no wonder more and more companies all over North Carolina are turning to Westover Products for their roofing needs.

Westover Products is the exclusive dealer for Carlisle's Sure-Seal™ roofs throughout North and South Carolina. What's more the Carlisle Sure-Seal™ roof has withstood the tests of time. And it comes with all these added benefits:

- Over 25,000 roofs installed-still going strong.
- Carlisle-trained applicators.
- All the accessories and technical help you need.
- A water-tight warranty up to 15 years!

So give us a call or write. We know how to deal with bad roofs.

Westover Products
P.O. Drawer 5583
Greensboro, NC 27435-0583
Phone: 919-274-1151

Carlisle and Sure-Seal are trademarks of Carlisle Corporation.

BARRIER FREE ARCHITECTURE

*Accessible Design
Stressed in N.C.*

By Stacey Brown



In 1970, when a study committee was formed to decide how to re-work North Carolina building codes to encompass barrier free architecture, it soon became clear that negotiations would revolve around two groups who spoke different languages: architects and disabled people.

Luckily for the committee, one of its members, Ronald L. Mace, is bilingual. He is an architect who has been disabled since having polio at age nine.

Mace was instrumental in working out the new N.C. Code, including the

illustrations he drew which have helped make it a manual used worldwide. Since then, he has gone on to become recognized as one of the nation's foremost experts on barrier free architecture. He has formed his own company, Barrier Free Environments, which concentrates solely on this issue. (BFE is in addition to his Raleigh architectural firm, Mace and Associates).

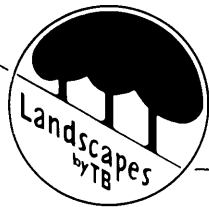
From his wheelchair, Mace long has championed the importance of accessibility design. Now, he says, the situation

has gotten to the point of being "about 50/50. Fifty percent of the architects understand the laws and deal with them easily, while the other 50 percent don't understand it and therefore have negative feelings."

The laws to which Mace refers include the 1968 Architectural Barriers Act, a federal law dealing with access to buildings; the 1973 Rehabilitation Act which covers accessibility in programs receiving federal assistance; the Right to Education Act passed in the mid-1970s; the N.C. Building Codes and the N.C. Rights laws.

Mace seeks to broaden architects' understanding of the subject. "We architects," he says, "like to think of ourselves as all-inclusive problem solvers . . . free thinkers. It's hard to accept when you're told you know nothing about this whole area and how your architecture affects it."

"What happened in the beginning was that the architects didn't know all of the specifications and so they made mistakes. Then they had to start all over again and came away from the whole thing with a negative attitude."



**Landscapes by
tom buzzard, inc.**

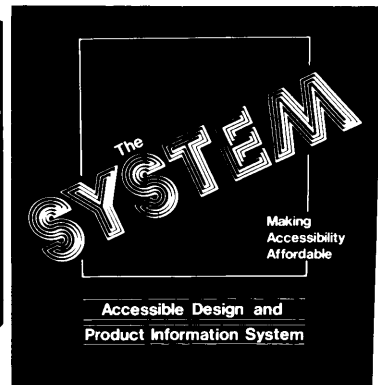
**Site Development
Contractor.**

*Associated with Don Brandt
Associates, Site Development
Planners.*

3610-A
South Wilmington Street
Raleigh, NC 27603

(919) 772-2909

AT LAST! ONE SOURCE FOR DESIGN INFORMATION ON HANDICAPPED ACCESSIBILITY.



Design Solutions • Products

The SYSTEM is loaded with cost-saving products and design solutions to meet the requirements of: • N.C. Handicapped Code • ANSI A117.1 (1980) • New 1984 Uniform Federal Accessibility Standards • PLUS • Manufacturers' literature on the best products for making your buildings comply. Most not found in Sweets. Update and inquiry services available.

Pre-publication price: 2-volume set and free first update: **\$169.95**

To order, send check to: Information Development Corporation
360 St. Alban Court, Winston-Salem, NC 27104
For additional information, call: (919) 765-2321

Architects have been aided by the Special Office for the Handicapped set up within the state Department of Insurance to assist in implementation of barrier free features.

Also, last August, the Uniform Federal Access Standard was set so that standards and specifications would no longer vary from state to state and from one industry to the next.

Manufacturers have helped, too, by developing universal products that meet the federal codes. James Keane of Keane Monroe Corp., which manufactures automatic doors installed in airports, hospitals, stores and many other types of public buildings, says, "Our products have been designed to meet the codes. If they don't, we modify them or develop new ones."

According to Mace, North Carolina "is one of the most successful states in the nation in terms of implementation, enforcement and acceptance."

Architects have varying views on the issue.

Bill Nahory of J.N. Pease Associates in Charlotte, for instance, says, "It's just something to be provided for. It's a situation to solve just like any other aspect of design."

Freeman-White Associates' Dave Murray agrees that "It's accepted as something you just do." Since his firm deals extensively with health care facilities, Murray says, "We had been thinking along those lines anyway."

Another N.C. architect, who asked to remain anonymous, contends that barrier free architecture "causes design problems and adds costs where owners shouldn't have to pay them. One example is that of an office so small that it only had one person and a secretary. The codes on barrier free architecture required them to add a lot to their building costs when they really didn't need to have those features."

Regardless of how architects feel philosophically about the issue, they seem to agree there is a need for easy-to-use information on the subject. And Mace is moving to meet that need. In November, he is publishing "The System," a two-part "accessible design and product information service."

With such sources of information, Mace says, he hopes barrier free specifications will become part of the architects' "base of knowledge."

"Once that happens," he adds, "architects can use their creativity from there. There are a world of creative solutions to the specifications." □

We'll open doors for you, North Carolina. [automatically]

Since purchasing the Norton automatic door operator product line from Eaton Corporation in 1976, Keane Monroe automatic door operators and automatic sliding entrance systems have been installed in airports, hospitals, colleges and universities, retail stores and every type of public building throughout North Carolina. It makes good sense to specify Keane Monroe products because

not only are our engineering, manufacturing and headquarters facilities located in North Carolina (you are cordially invited to visit our facilities in Monroe), but this close proximity assures quick and easy availability of warranty and after-warranty parts and service if needed. A strong network of servicing dealers has been developed which can be further supported by factory personnel.

Since acquiring the Norton automatic door operator product line, heavy emphasis has been



placed on further product improvement and the development of new products and product innovation. The Series 7000 Sliding Entranceway is a complete package of automatic door operating equipment, doors and frames, all of which are built in our factory in Monroe.

Series 4500 Overhead Concealed automatic operator for swinging doors incorporates the advantages of electrohydraulic door

control in a clean, crisp package which mounts above the door out of sight. The new Series 830 passive infrared sensor provides motion detection without radiation.

All Keane Monroe swing door operators incorporate proven electrohydraulic control which was first introduced by Norton Door Closer Company in 1958. In its more than 25 years on the market, this design has proven unmatched for door control, adjustability and long life.



KEANE MONROE CORPORATION

Keane Monroe Corporation
Broome & Mason Street, P. O. Box 1071
Monroe, North Carolina 28110

704 289-5581
Charlotte - 372-3630 Raleigh 919 832-3416 Asheville area 704 684-8817

We're the only manufacturer of automatic door operators headquartered in North Carolina.

Off The Drawing Board

JENKINS-PEER DESIGNS Apple Support Center

Jenkins-Peer Architects, Charlotte, are designers of Apple Computer Inc.'s regional support center at Parkway Plaza office park in Charlotte.

The \$4 million facility combines 35,000 square feet of office space with 75,000 square feet of distribution space for Apple's rapidly expanding wholesale activities in 10 southeastern states. Developer is Spectrum Properties Inc. and contractor is McDevitt & Street Co.

The architects say the design responds to Apple's desire for a "user friendly" environment for its employees. The building is sited to take maximum advantage of the woodland setting, with the entire length of the office area enclosed with floor-to-ceiling reflective glass. There is extensive landscaping, patios, gardens with picnic tables and an elevated free-form deck in an adjacent wooded ravine.

The building's entrance is marked by a barrel-vaulted skylight 25 feet in diameter over the main reception space. The skylight, in turn, is connected with a 100-foot linear skylight that defines the building's major circulation spine and introduces natural light into the

heart of the office area.

The distribution portion of the building is designed to blend with the office space and is capable of future expansion of an additional 40,000 square feet.

MARTIN MARIETTA UNIT GIVES NCSU \$10,000

North Carolina State University's School of Design has received \$10,000 from Martin Marietta Aggregates of Raleigh for the Environmental Simulation Laboratory.

The funds will purchase a new computer system and a high resolution graphics screen which will be used with a land-development software program in the laboratory.

Steve Zelnak Jr., president of the Aggregates Division, Basic Products Co. of the Martin Marietta Corp., presented the check to Claude McKinney, dean of the design school, who says "Martin Marietta continues to provide an excellent example of industry interaction with design education . . ."

Odell Designs New Piedmont Expansion

Odell Associates Inc., Charlotte, is the architect for a 127,500-square-foot expansion of Piedmont Airlines' maintenance facility at the regional airport near Greensboro.

The addition to the existing 140,500-square-foot facility is estimated to cost \$6 million and will be owned by the Greensboro-High Point Airport Authority, which will lease it to Piedmont.

The original facility, also designed by

Odell Associates, cost an estimated \$11.5 million and was completed last year.

UNC-G OFFERS NEW INTERIOR DESIGN DEGREE

The University of North Carolina at Greensboro has received approval to offer a master of science degree in interior design beginning in the spring semester of 1985.

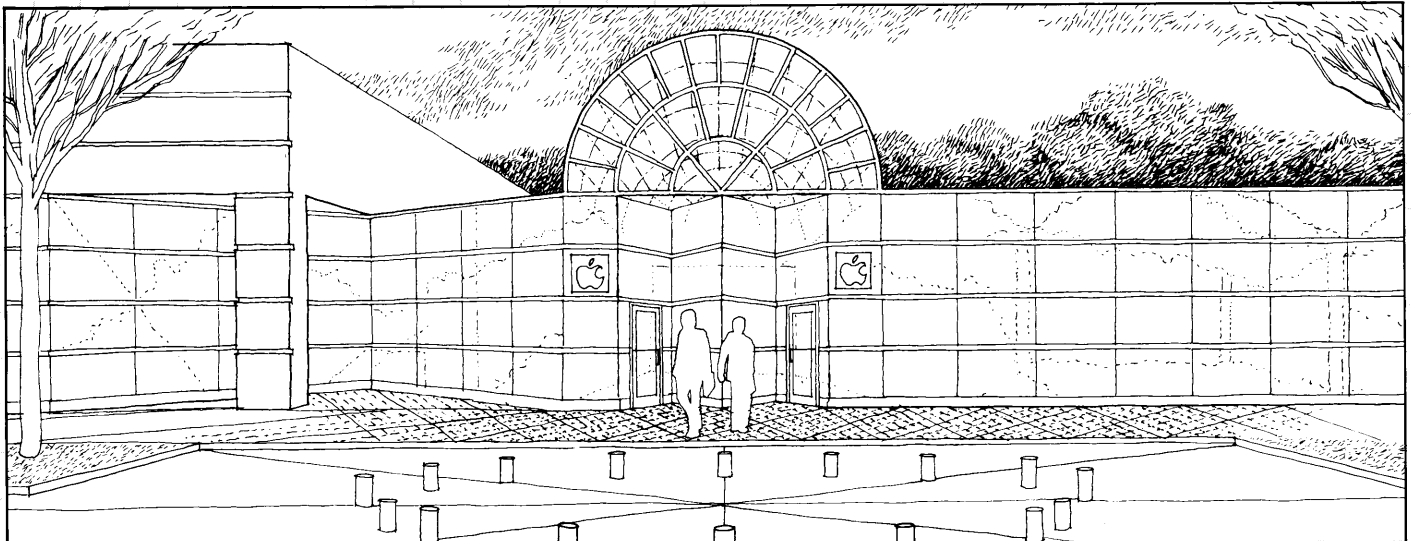
University officials say it will be the only such degree offered within the state. "We are delighted to have this program approved and are excited about it," says Jan G. McArthur, who is head of the Department of Housing and Interior Design within UNC-G's School of Home Economics. "We want it to be a high quality program and we anticipate that admission will be very selective."

She says she anticipates enrollment in the two-year, 36-hour degree program will be about 20 to 25 students. "Over the last two years, we've had around 50 requests for such a program," she says. "Some have been from students and many have been from professionals in the field. We feel that the new degree will meet existing needs of people who are seeking a terminal degree in interior design." McArthur's department currently has eight faculty members and 163 undergraduate majors.

MIDDLETON, MCMILLAN DESIGNING HOSPITAL

Middleton, McMillan Architects of Charlotte and Charleston is designing a new satellite hospital to be built in Pineville, adjacent to the Mercy Hospital Medical Park at N.C. 51 and Park Road.

(continued)



Apple Computer Inc.'s regional support center, designed by Jenkins-Peer Architects.



Harper and Shuman and CFMS

Consider the Advantages...

☐ The most comprehensive, fully integrated computer-based financial management system available to architectural and engineering firms.

☐ Created by, and specifically for, design professionals.

☐ Sponsored by AIA and endorsed by NSPE/PEPP

☐ A company with 10 years' experience serving nearly 400 design firms throughout the United States and Canada.

☐ Skilled financial management specialists working with you to meet the specific needs of your firm.

☐ A broad range of products and service options from a national time-sharing service to a variety of standalone systems utilizing in-house equipment from selected microcomputers to DEC/VAX and Prime.

For all the facts on the Harper and Shuman/CFMS advantages, call us today at 617-492-4410.

Harper and Shuman, Inc.
68 Moulton Street
Cambridge, MA 02138
617-492-4410



Prefer Custom Elevator Interiors? Southern is the Simple Solution.

More and more elevator interiors are taking on a sophisticated look...a discriminating image extension of the building's own interior design.

Southern Elevator realizes those first and last impressions are important. That's why we custom build our elevators tailored to your particular design requirements. Period.

Whether the image commands rich woods, sleek mirrors, or carpeting. Subtle tones or vibrant colors.

Be demanding.

Call Southern Elevator: 800-632-1307. Outside NC, call collect: 919-274-2401. Main offices and plant in Greensboro, NC. Branches in Charlotte, Raleigh, Durham, and Fayetteville.

southern
elevator

A Southern Company for Southern Services.

Construction of the new hospital, to be known as Mercy Hospital South, is scheduled to begin in the spring of 1985 with completion in the fall of 1986.

FEREBEE, WALTERS OPENS IN HILTON HEAD

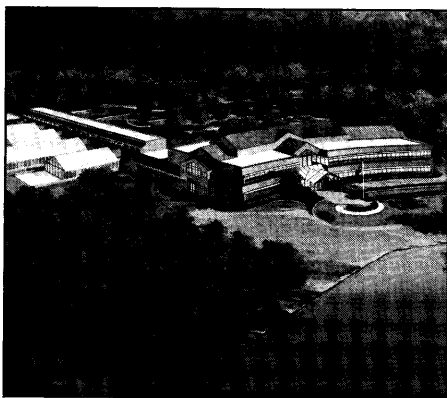
S. Scott Ferebee Jr., president of Ferebee, Walters & Associates, a 50-person architectural firm with offices in Charlotte and Research Triangle Park, has announced the establishment of a Hilton Head, S.C., office through the acquisition of Keane/Sherratt Inc., an architectural and planning firm on the island.

The new office of Ferebee, Walters will initially be located in the Keane/Sherratt offices at 18A Pope Ave., and will provide the same professional services with an expanded staff. According to the announcement, James T. Keane will remain with Ferebee, Walters as a project manager, and Peter E. Sherratt will pursue new business interests as president of Interland Inc.

Interland, based on Hilton Head, has two multi-family condominium projects totaling 701 units in Columbia, S.C., currently in design by Ferebee, Walters.

CONSTRUCTION STARTS ON TRIANGLE CENTER

Construction is underway on BASF Wyandotte Corp.'s \$15 million agricultural chemicals research center in Research Triangle Park. Ferebee, Walters & Associates is architect and engineer.



BASF Wyandotte Research Center

The 100,000-square-foot complex is designed in a series of three interconnected two-story structures alongside a four-acre lake. Completion is expected in the first quarter of 1986.

(continued)

CUSTOM BRICK CO.

SERVING RALEIGH and
EASTERN NORTH CAROLINA

VISIT OUR SHOWROOM
COMPLETE DISPLAY
OF SAMPLES

PRODUCTS

FACE BRICK
HAND-MADE BRICK
GLAZED BRICK
GLAZED TILE
PAVERS

SUPPLIERS

Nash Brick Company
Borden Brick and Tile Company
Hanley Company
Taylor Clay Products Company
Lee Brick and Tile Company
Boren Clay Products Company
Old Virginia Brick Company
Pee Dee Ceramics Company

1613 Old Louisburg Rd., Raleigh, N. C. Ph. 832-2804

Binswanger Glass Company

A National Gypsum Company

**Serving the Architectural
Community for over
100 years.**

Branch locations in:

Charlotte
704-376-4886

Raleigh
919-821-4121

Fayetteville
919-485-3101

Greensboro
919-292-2930

Rocky Mount
919-446-9145



**Southern
Photo Print &
Supply Company**

SUPPLYING NORTH CAROLINA
ARCHITECTS FOR OVER 40 YEARS
WITH QUALITY DRAFTING
ROOM FURNITURE AND AC-
CESSORIES — REPRODUCTION
MACHINES AND MATERIALS.

— AIA DOCUMENTS —

BRANCHES IN

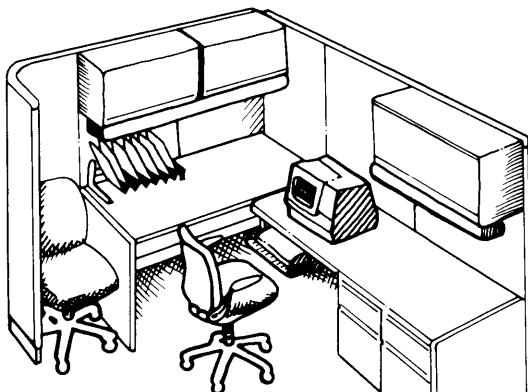
GREENSBORO, NC • CHARLOTTE, NC • DURHAM, NC • FAYETTEVILLE, NC
HIGH POINT, NC • WILMINGTON, NC • BURLINGTON, NC • LYNCHBURG, VA.

Call Toll Free 1-800-632-0351

OR YOUR NEAREST  LOCATION

o.g. penegar company

- interiors for business
- space planning
- design
- office furniture systems
- total office environments
- since 1936



Steelcase Office Environments

Gunlocke, Stow/Davis, Alma, Touhy, Myrtle, Vecta, Boling, Donn Wall, Brayton, Burroughs, Gregson, Hickory Chair, Karastan, Krueger, Milliken, Melinke Safe, Salem Carpet, Rubbermaid, Southwood, Supreme Filing Systems, Thonet, La-Z-Boy, Patrician, Samsonite, Baker, and many other top lines.

117 W. Franklin
Gastonia, NC 28054
(704) 865-1236

4701 Hedgemore Plaza
Charlotte, NC 28209
(704) 525-3010

NAMES AND CHANGES IN N.C. ARCHITECTURE

Thomas Phoenix has joined O'Brien/Atkins Associates in the new position of chief engineer. Phoenix is a graduate of North Carolina State University' engineering school and a member of the national Society of Professional Engineers. The firm has offices in Chapel Hill and Durham.



Thomas Phoenix

Art Killebrew has joined Jenkins-Peer Architects, Charlotte, as a project architect. A graduate of the Mississippi State University School of Architecture, he formerly was with Kirksey-Meyers Architects, Houston.



Art Killebrew

R.W. "Bud" Wilkerson III has re-established Wilkerson Associates Inc., an architecture-engineering-planning firm, at Two Parkway Plaza, Charlotte. Joining him as principal will be **C.D. "Buddy" Moose**. Both are Clemson University graduates and have been principals with Freeman-White Associates, Charlotte.

Ferebee, Walters & Associates has

EPDM/Firestone

The name to write for the roof that's right.

EDPM/Firestone means membrane materials that are the result of more than twenty years of performance testing throughout the world.

EDPM/Firestone means three separate roofing systems with the flexibility to conform to the designer's concept.

Contact: N.B. HANDY CO.

Manufacturers Agents and Distributors to the Architectural and Roof Contracting Community



Division of The Firestone Tire & Rubber Company.



LYNCHBURG, VIRGINIA 24506

Raleigh, N.C.
919-828-5421

Greensboro, N.C.
919-855-3900

announced the addition of three new principals to the firm. They are **William E. Foust II**, a graduate of Pennsylvania State University who joined the firm in 1972 and is a senior project architect; **Stephen A. McCall**, a Clemson University graduate who joined the firm in 1978 and is a senior project architect; and **Trudy A. Williams**, a graduate of UNCC who joined the firm in 1979 and who also was promoted to director of marketing. She is the first woman partner in the firm's 31-year history. The firm has offices in Charlotte and Research Triangle Park.

Charles M. Watts has been named vice president of Reg Narmour The Architectural Group PA. Watts is responsible for office administration and project coordination for the firm, which he joined in 1978 after graduating from the University of Virginia. The firm, based in Charlotte, has other offices in Raleigh, Tampa, and Washington, D.C.

Eugene P. Brantly has been elected a principal associate of J.N. Pease Associates, architects-engineers-planners, where he heads the structural engineering department. In other action, the firm with offices in Charlotte and Research Triangle Park says engineers **Ronald B. Wilson**, **Henry L. Hopper** and **Stephen M. Mead** and architect **Adi Mistri** were promoted to senior associates, and **Bobby T. Jordan** and **Henry E. Whitmire** were named new staff assistants.

Formation of a Durham design firm, Abbate and Company Inc., has been announced by **Charlotte R. Abbate** and **Angelo R. Abbate**. She is a former assistant professor of interior design at the University of North Carolina at Greensboro and he is an associate professor of design in the landscape architecture department at N.C. State University. According to the announcement, the firm offers services in renovation, interior planning, interior design, environmental planning and landscape design.

Reinhard "Rick" Widmann has been named director of Charlotte-based Gold Bond Building Products' newly formed construction systems sales group. Widmann has been assistant district manager for Gold Bond in Houston. The company says the new group was formed to assist architects and other in selecting and planning tailored office environments and systems.

Corrections & Amplifications

An article in the July-August issue of North Carolina Architect gave an incorrect year for the South Atlantic Regional AIA award to Burnstudio Architects for design of an addition to the Lenoir County Courthouse. The SARC award was in 1980.

We Need Your Help

The editors of *North Carolina Architect* seek the help of AIA members in keeping readers up to date on interesting and innovative projects throughout the state.

If you wish to nominate a project for consideration by the editors of *North Carolina Architect*, call or write us at: 212 S. Tryon St., Suite 1450 Charlotte, NC 28281 (704) 372-9794

We'll send you a form and further instructions. We can't, of course, promise to publish every project. But we will endeavor to select those representing the vitality and creativity of architecture in North Carolina. □

SEE N.C.'S FINEST ARCHITECTURE EVERY MONTH!

Fill out the form below
and start your own
subscription to
North Carolina Architect.

Enclosed is \$12 for a 1 year
subscription to North Carolina Architect.

Name _____

Street Address _____

City _____

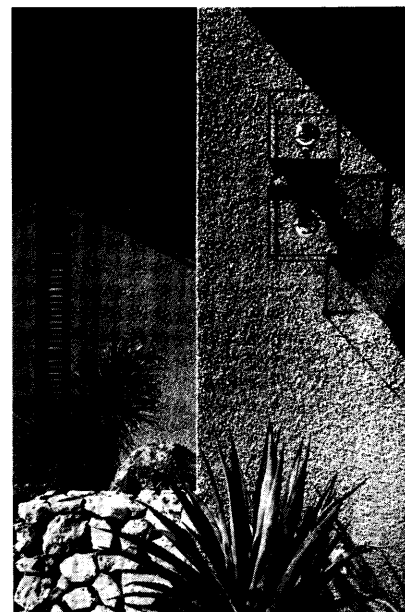
State _____

Zip _____

Signature _____

mail to: North Carolina Architect
212 S. Tryon St. Suite 1450
Charlotte, N.C. 28281

SANSPRAY STONE WALL. PANEL PRICE.



Sanspray stone walls give you the permanence and beauty of stone at a fraction of the cost. The panels utilize all natural stone, may be cut with a saw and are easily fastened, offering versatility and fast job completion..

Important product notice: In addition to CAB or APA approved structural plywood based panels, Sanspray is now available with Minerit HD substrates. The incredible cement panel is **asbestos free and U.L. Class I approved.** (Minerit is available bare or with the Sanspray finish.)

Sanspray's passed the tests: ICBO, BOCA, SBCC, HUD, Military Specification, Army Corp of Engineers, boil and bake, freeze and thaw. Grade? A+. And it's backed up with a 10 year warranty and some of the best service in the business. Write or call today for a free catalog:

AFI, 1941 Bancroft St.
Charlotte, N.C. 28233
704-377-3461
800-438-4008 (GA, SC, VA)





FOUR N.C. WINNERS

SARC Honors Firms At Asheville Convention

By Gaylord Shaw

A classroom building fits in without sacrificing originality. An office building is restored with Art Deco's sense of ebullience. A suburban office park building creates beauty and interest. Another office building design uses classical motifs in a boldly unclassical way.

These were among the jurors' comments as they selected projects by four North Carolina architectural firms to be among 11 winners of the 1984 awards for design excellence presented by the South Atlantic Regional Council of the American Institute of Architects.

The awards, announced Sept. 22 at SARC's convention in Asheville, went to the N.C. firms of:

- Clark Tribble Harris & Li Architects, Charlotte, for an art classroom studio building at the University of North Carolina at Chapel Hill.

- Hammill-Walter of Winston-Salem, in association with Croxton Collaborative of New York, for ground floor restoration of the R.J. Reynolds Tobacco Co. building in Winston-Salem.

- Ferebee, Walters and Associates, Charlotte, for the Union Carbide Technical Center at Research Triangle Park.

- Jenkins-Peer Architects, Charlotte, for the One Coltsgate Place office building in Charlotte.

The winners were selected from 110 submissions, all of which were displayed at the Asheville convention. SARC is

composed of the North Carolina, South Carolina and Georgia chapters of the AIA, with approximately 3,000 practicing architects in the three states.

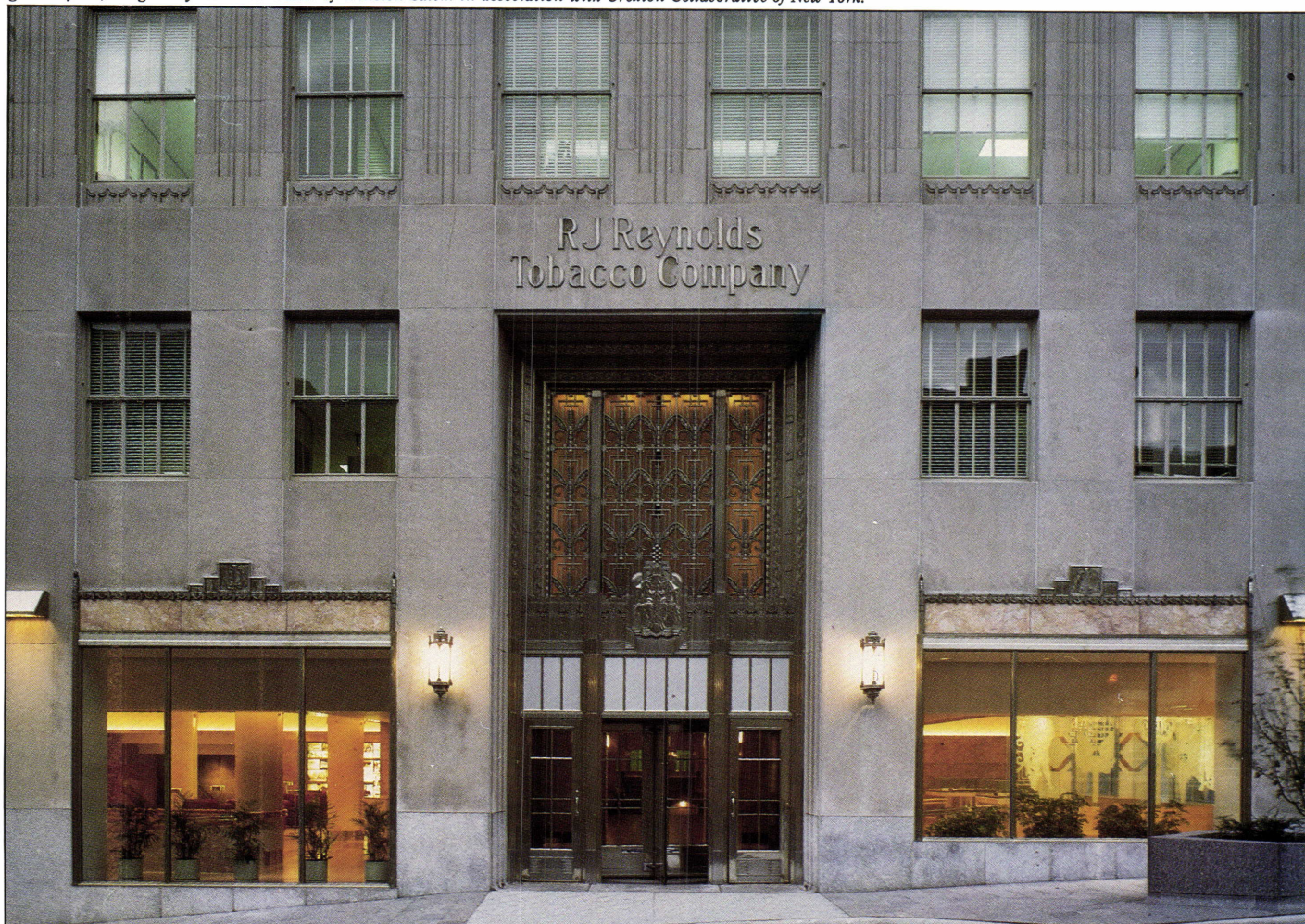
In commenting on Clark Tribble's design of the art classroom studio building on the Chapel Hill campus, the jury notes "the building design is in large part a response to the context of neo-Georgian buildings around it, and it succeeds in fitting in without sacrificing originality of form or detail.

"Surprising elements such as the carved-back glass entry facade, the Palladian portico, industrial-looking sash and others cohere into a unified building."

In commenting on the ground floor

(continued)

At left is Union Carbide Technical Center at Research Triangle Park, designed by Ferebee, Walters and Associates, and below is restoration of R.J. Reynolds Tobacco Co. building ground floor, designed by Hammill-Walter of Winston-Salem in association with Croxton Collaborative of New York.



restoration of the RJR building, a project of Croxton Collaborative and Hammill-Walter, the jury says "in this model renovation, a considerable amount of new space has been added to an existing and magnificent Art Deco interior, which has itself been restored, and transforms rather than copies it, and as a result achieves much of the sense of ebullience and inventiveness the original has."

As for the Ferebee, Walters design of the technical center owned by Union Carbide Agricultural Products Co., the jury says "of a number of suburban office-park buildings that were submitted, this was the most sophisticated and elegant work of architecture."

"The S-shape of the plan emphasizes the smooth, extruded building form, and the use of cobalt blue to define voids and structural elements and to suggest further growth of the building is handled in a way that creates great beauty and interest."

The Jenkins-Peer design of One Coltsgate Place, an office building in south Charlotte owned by Spectrum Properties Inc., receives these com-

(continued)

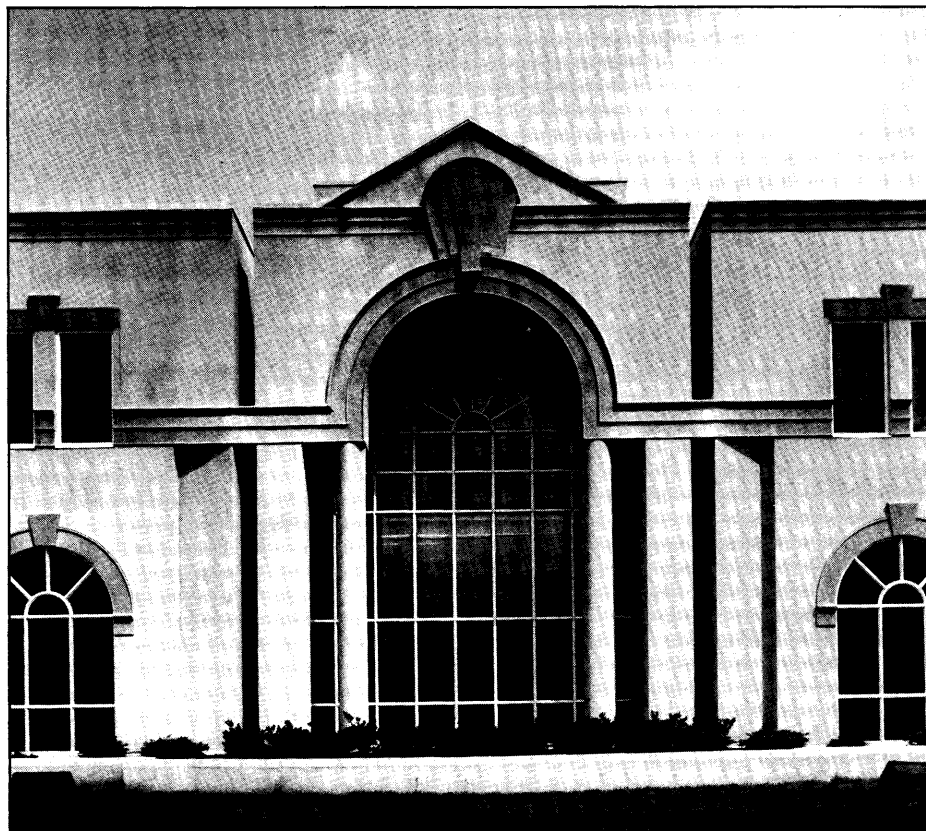


Photo by Gordon Schenck

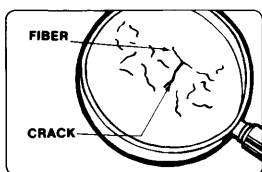
One Coltsgate Place office building in Charlotte, designed by Jenkins-Peer Architects.

FIBERMESHTM

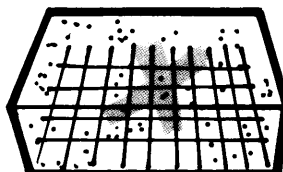
Stops Cracks in Their Tracks ENGINEERED SYNTHETIC FIBERS FOR CONCRETE

CONTROLS CRACKING

Fibermesh fibers intersect cracks in their micro stage and reinforce the crack zone, thereby stopping propagation. This arresting action occurs throughout the concrete.



REPLACES WIRE MESH



Unlike wire mesh which is located only in a single plane, fibermesh fibers provide identical physical properties in every direction throughout the mass, usually eliminating the need for wire mesh, making complete placement faster.

- ✓ EASY TO USE - NON CORROSIVE
- ✓ GREATER SHRINKAGE CONTROL
- ✓ PRODUCES DUCTILE CONCRETE

Available At Your Local Ready Mix Concrete Supplier



DISTRIBUTED IN THE CAROLINAS BY

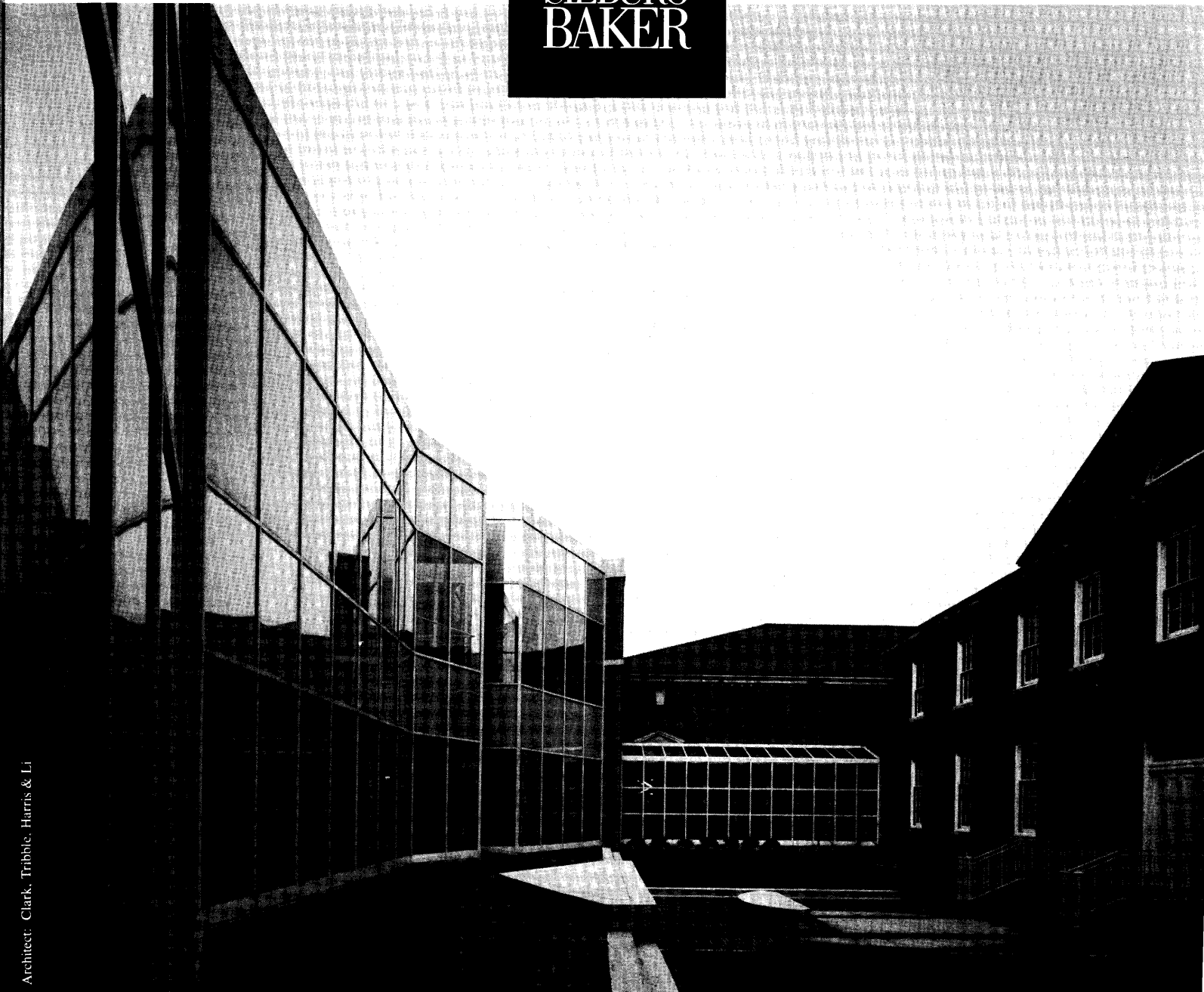
Spartanburg, S.C.	(803) 585-4241
Greenville, S.C.	(803) 269-4664
Asheville, N.C.	(704) 253-9383
Charlotte, N.C.	(704) 597-8255

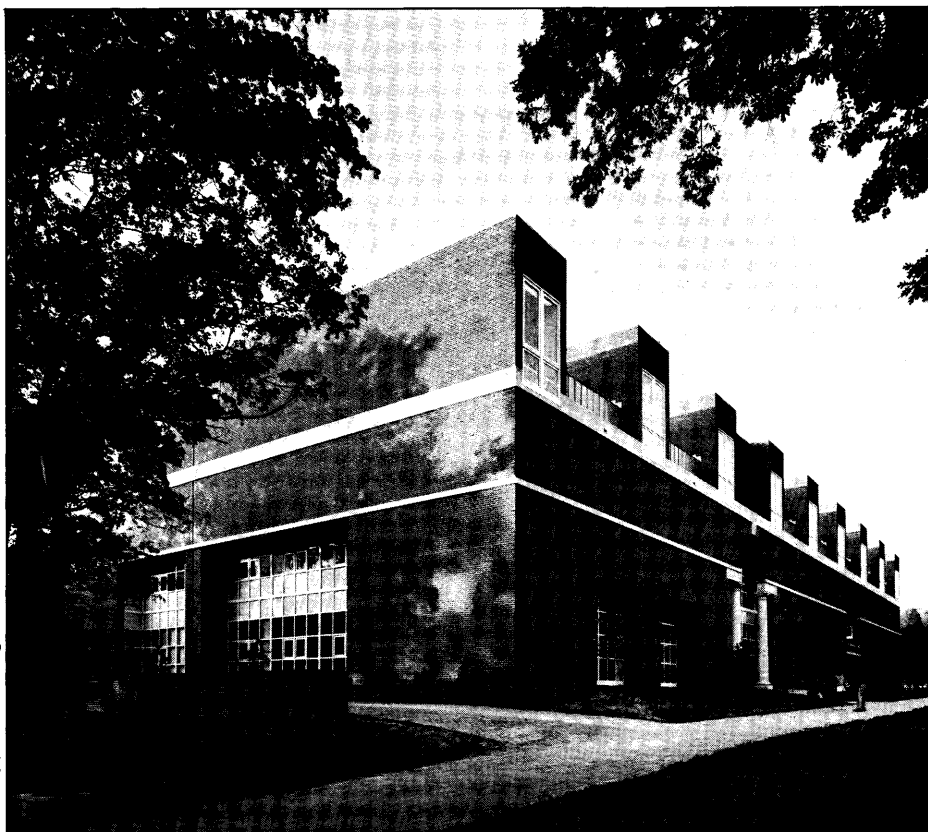
7137 Stonington Lane
Charlotte, NC 28212
704/537-4716

ARCHITECTURAL

JOANN
SIEBURG-
BAKER

PHOTOGRAPHER





Art classroom studio building at the University of North Carolina at Chapel Hill, designed by Clark Tribble Harris & Li Architects.

ments from the jury:

"The use of classical mostly Palladian motifs in a boldly unclassical way gives this building both dignity and zest. The formal inventions are delightful, and the building has unusual interest and presence for a suburban office development."

The other SARC winners were:

Anthony Ames of Atlanta for an artist's studio;

Richard Rauh of RMPMHR Architects of Atlanta for renovation of the Netherland Plaza Hotel, Cincinnati;

Toombs, Amisano & Wells Inc., of Atlanta for the MARTA Peachtree Center Station;

Craig, Gaulden and Davis, Architects, Inc. of Greenville, S.C., for the John A. Sibley Horticultural Center at Callaway Gardens, Pine Mountain, Ga.;

Dowling Architects and Associates Inc., Atlanta, for The Cupola House at Fripp Island, S.C.;

Diedrich Architects and Associates, Atlanta, for the Grand Cypress Golf Clubhouse, Lake Buena Vista, Fla.; and

The Spriggs Group, Savannah, Ga., for renovation of the City Hall and Davis Buildings, St. Marys, Ga. □

You Design The Best... Your Customers Demand the Best... We build the Best!

*Since 1956. The Prestige Pool Builder in
North and South Carolina. You Design it:*

We can Build it!

price
aquatech
pools

P.O. Box 1201, 1401 Pecan St.
Florence, SC 29503


In North Carolina, call
800-845-4355
S.C. 800-922-5110



CLANCY & THEYS
CONSTRUCTION COMPANY
GENERAL CONTRACTORS

INDUSTRIAL — COMMERCIAL — INSTITUTIONAL

516 WEST CABARRUS STREET / POST OFFICE BOX 11008 RALEIGH, NORTH CAROLINA 27604 (919) 834-3601



You build your reputation when you build with Borden Brick.

When William H. Sigmon, A.I.A. of Olsen Associates designed the Merrill Lynch building in Raleigh, he chose Borden's Colonial Handtique, the modern brick that looks handmade.

Architect Sigmon wanted a brick with the color, texture and style that would give him the warm but solid appearance his design required. And his design called for the brick to be laid in flemish bond with colored mortar...the brick had to be consistent in color, consistent in size. Borden brick met his specifications with no problems.

The architect was happy with the result, the builder and owner were happy with the "no problem" Borden



brick and the warmth and solidity of the building's appearance.

When you start to buy or specify brick, make it Borden—the no-problem brick with a palette of a thousand colors, styles and textures to bring your design to life.

We've got the right brick to build your reputation...and ours. Call or write for a spectrum of colors and styles, today.



Post Office Box 11558, Durham, NC 27703
In NC, call 800/672-0081. Outside NC, 919/596-8241

Owner, Builder: Williams Realty and Building Co.