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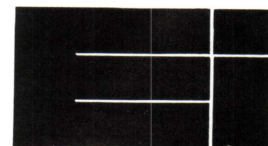
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Cover Photography by Wilton Abel



REBIRTH of THE GRAYLYN ESTATE

Elegant Winston-Salem estate is transformed into a unique conference center.

By Whitney Shaw

For Winston-Salem architect Edwin Bouldin, the Graylyn Conference Center has been a once-in-a-lifetime project.

How many architects get to transform an elegant, tobacco-executive's estate into what some are already calling one of the most outstanding—and unique—conference centers in the country?

Rarely, if ever, does an architect get to preserve a 52-year-old building featuring:

- An indoor swimming pool that resembles an ocean liner, complete with portholes, stained glass and ironwork.
- One bathroom with a 17-nozzle shower and another with shower tiles featuring a Camel-cigarette and smoking motif;
- A Persian card room with intricately carved paneling from a Moorish estate;
- A tent room highlighted by the Arabian tent used by the house's owners on a trip to Egypt.

Bouldin says the job of harmonizing such unique old features with new construction was "monumental."

Originally built for the late Bowman Gray Sr., former chairman of R.J. Reynolds Tobacco Co., Graylyn was donated to Bowman Gray School of Medicine and later to its parent institution, Wake Forest University.

The university has restored Graylyn, the second largest residence in the state and a prime example of superb Norman Revival architecture, as an academic/executive conference center.

Less than four years ago, there were questions in Winston-Salem about what to do with the estate. Its third floor was gutted by fire and the lower floors damaged by smoke and water as hundreds of Winston-Salem residents, who were attending an outdoor concert on the grounds of the estate, watched in disbelief. Since then, \$5 million has been invested to repair the damage and pre-



Considered a prime example of superb Norman Revival architecture, Graylyn (exterior view on left) was the second largest residence in North Carolina when it was converted into a conference center. Among its interior features is a swimming pool that resembles an ocean liner with portholes, stained glass and ironwork (above).

Photography by Wilton Abel

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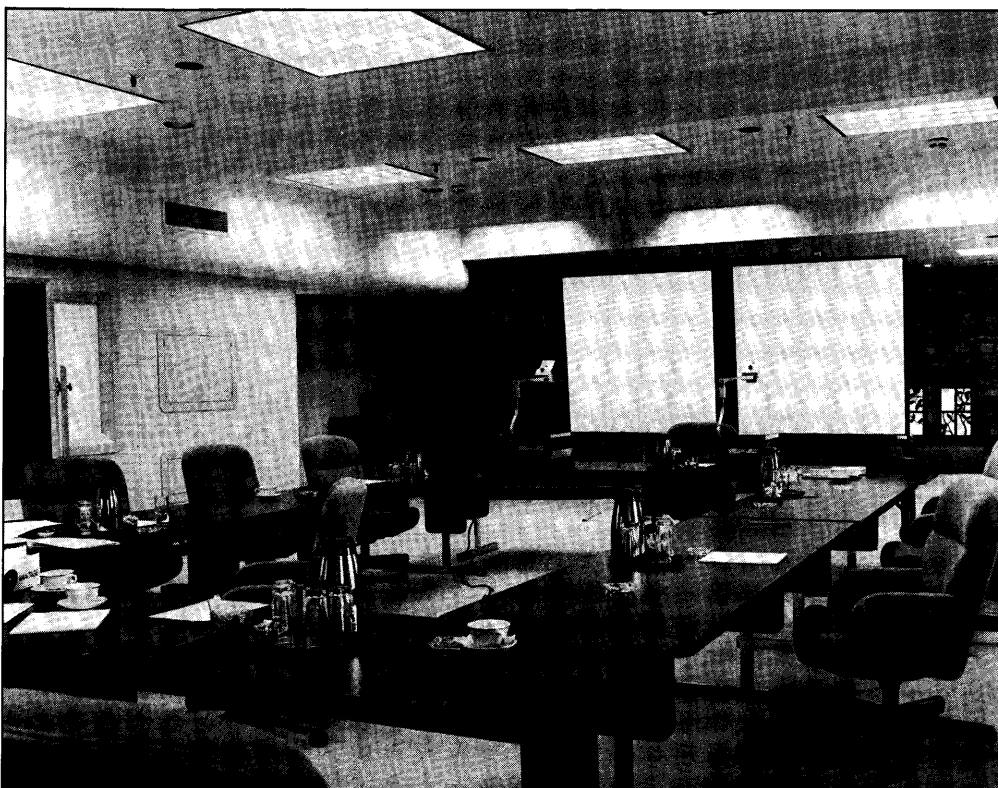
serve the home's original splendor.

In addition to restoring all of the building's original flavor, 16 guest rooms with private baths and two lounges have been added on the third floor. In all, Graylyn Conference Center has 45 bedrooms, three dining rooms, 10 meeting rooms and the indoor pool.

Graylyn, which was completed in 1932 after five years of construction, has been on the National Register of Historic Places since 1978.

"Wake Forest is trying to do something that no other institution has dared to attempt—combine an academic environment with the very finest in hotel service, and I've walked in both worlds, the academic and the hotel practitioner," conference center director Albert Ginchereau told the *Winston-Salem Sentinel*.

"I've visited a lot of university conference centers, including Arden House at Columbia, which is generally regarded as number one in the country, and I haven't seen anything that even comes close. Graylyn will rank with the top conference centers in the country."



Smooth lines and well-placed lighting are featured in the conference room shown above, one of 10 meeting rooms at the Graylyn Conference Center, which was restored and is now operated by Wake Forest University.

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It's unlikely that many are as unique as Graylyn and its 66 acres of grounds.

Bouldin, who also worked on the restoration and conversion of Wake Forest's Reynolda Gardens into a mixed-use development, was originally hired as a consultant on the Graylyn project.

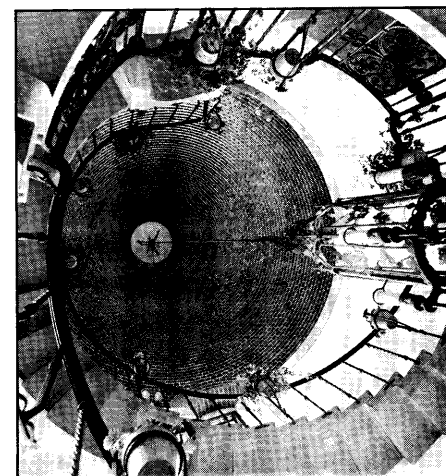
"After the fire, the first thing we had to do was to make what was essentially a waterproof envelope around the house," Bouldin says. "When the third floor was destroyed, we had to make sure the lower floors were protected.



Sunlight streaming in through first floor windows offers a bright setting for refreshments.

"On one hand, a project like this can be rather mundane because you're going through things trying to determine what can be saved and what needs to be replaced and what the insurance value is on things.

"Often in restoration and preservation work, you're less concerned with design than you are in other work. In this case, the third floor was totally revamped.



Looking upward through Graylyn's spiral staircase, one is offered an interesting view of the interior of estate's turret.

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The other areas of the house were totally renovated; some were made more contemporary, so we had to integrate the old and the new so it all pulls together and flows well. A lot of that was done with fabrics and colors. Due to the fact that Tom Gray (grandnephew of Bowman Gray) had done his thesis on Graylyn, we had an extensive catalog on furnishing and similar things."

Bouldin feels some rooms and areas of the house are more spectacular now than they were in their original state.

"The dining room is magnificent," he explains. "And both of the enclosed porches have a sparkle to them and tie in well with the rest of the house. But if there is any one space that is more magnificent, it has to be the third floor. It starts when you get off the elevator and immediately see a large mural prepared from a 1939 photograph of the house."

Although Graylyn's third floor was completely destroyed, Bouldin says he and Wake Forest "had to be careful about the minor surgery we were doing since the house is on the National Register."

Bouldin says there are several different styles in the house.

"The whole house is not medieval. You have baths with art deco, there are American touches, English, French and others. That and cost were the main reasons for adding something clean and even contemporary when we needed new spaces. Then we all worked hard to make sure everything flowed smoothly."

Bouldin says people like Paul McGill, Wake Forest's liaison on the project, Tom Gray and his wife Connie and a large group of volunteers helped in the complex undertaking.

Bouldin cites an example: "When we were trying to pull together the fabrics, Jane Slick and Katie d'Braganza (two volunteers) took some of the original fabrics used in the house, which had been custom made, and went to Burlington, where they bought replacement fabrics.

"Whenever you go into a project like this, I think you always have a vision of how things will work and what it will look like. It's only now that I've started to sit back and reflect on it. It's only been recently that I've gone back and started to collect all of the files we assembled; we've got thick files just on the roofing slate we used, for example.

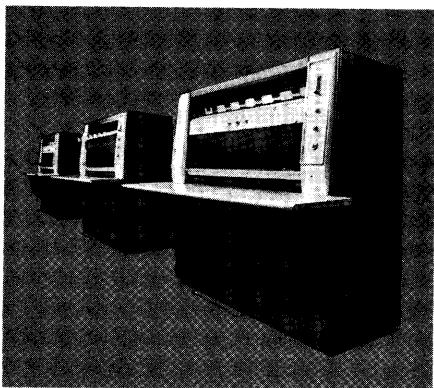
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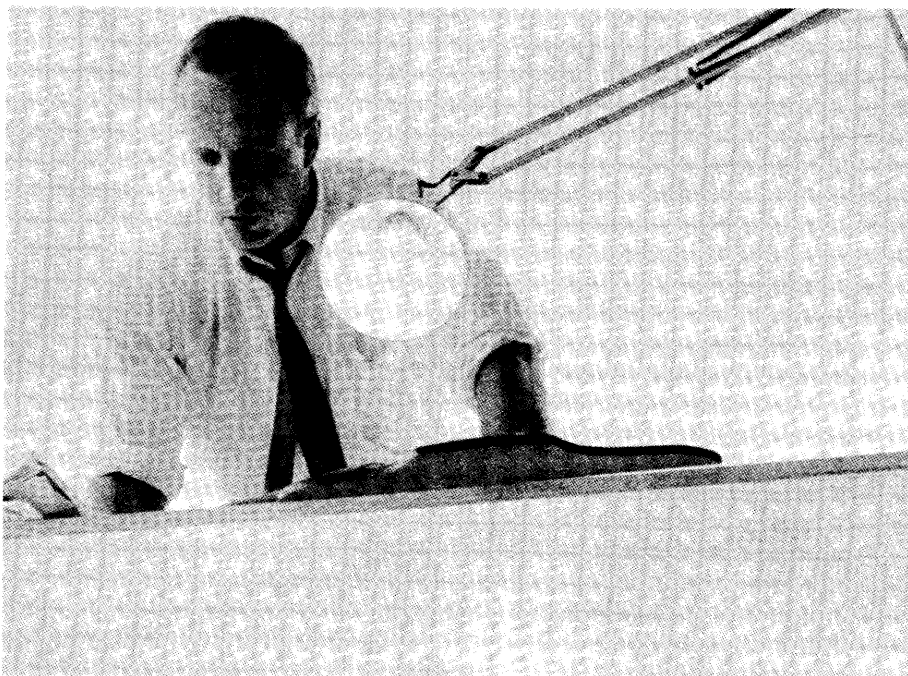
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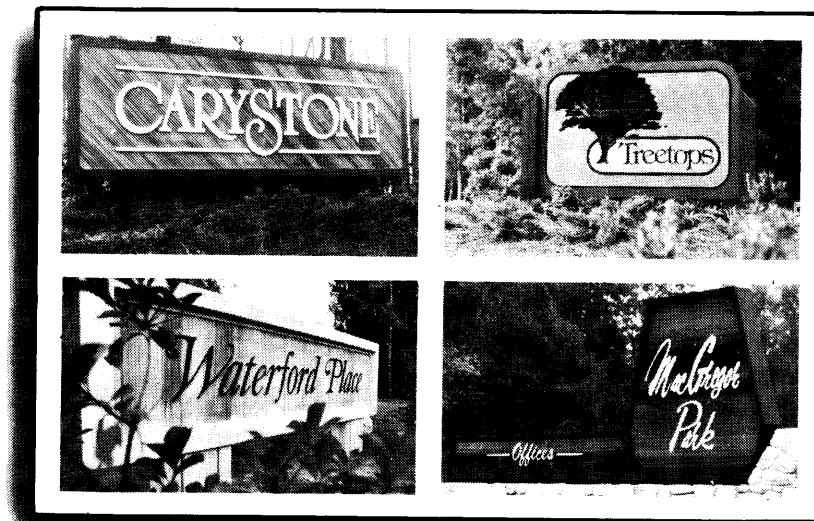
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—Source: Edwin Bouldin, Architect



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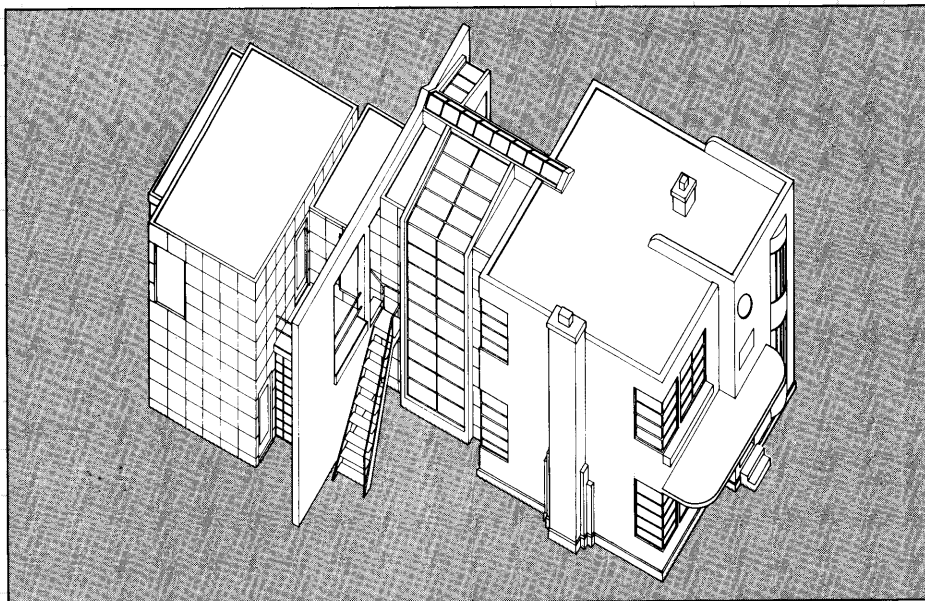
STUDENTS, PROFESSOR AT UNCC HONORED FOR ART DECO PROPOSAL

Five students and a professor at the University of North Carolina at Charlotte's School of Architecture won a national award from the Art Deco Societies of America for their restoration proposal for an art deco residence in Glenview, Ill., near Chicago.

And the UNCC academic study may have saved the structure. Vacant for three years and slated for demolition, the house was purchased after the study focused attention on it, and now it is being restored.

The award, one of ten presented by the Art Deco organization, went to assistant professor Robert G. Venn and the five students—Brandy Long, Alan McGuinn, Lee Matthews, John Hocutt and Mike Reynolds—at a national conference in Miami Beach.

At the conference, Venn presented slides in a lecture discussing the entire process undertaken by him and the students—design and structural analysis, restoration planning, insulation and



Drawing of "Glenview Steel House," with existing structure on right and proposed addition on left.

other functional considerations, finishing and potential rehabilitation approaches.

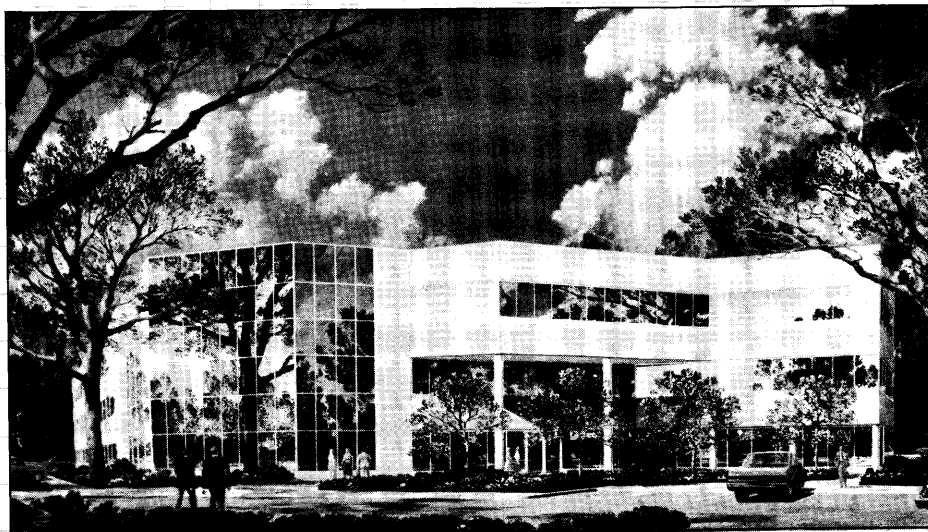
Historical investigation, aided by William and Robert Knack of the Chicago Art Deco Society, strongly suggested that the house, constructed around 1936, was designed and built by Alphonso Iannelli as his prototype for low cost but aesthetically pleasing housing. Best known for his work on Frank Lloyd Wright's "Midway Gardens," Iannelli was a noted sculptor and industrial designer of the period.

Now known as the "Glenview Steel House," the residence has a structural steel framing system that was prefabricated and assembled on the site, and an exterior skin of structural steel plate. The two-story, two-bedroom 1,000-square foot residence has the geometric

form of a cube (except for a wooden addition added in the 1960s) and the original plans were based on a simple grid ordering system characteristic of the art deco influence.

In its proposal for a two-phase restoration, the study outlined ways to renovate the existing residence and add a 1,200 square foot addition to include a bedroom, bathroom, solarium and garage—plus exterior improvements including a swimming pool. The new addition would have a metal stud framing system and exterior aluminum panel system.

The study was supported by grants from the UNCC College of Architecture, UNCC Student Council, American Institute of Iron & Steel and the Southern Regional Education Board.




Artist's rendering of second office building at CharlottePark Executive Center.

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Construction is underway on the second of eight buildings being developed at CharlottePark Executive Center by Spaulding & Slye.

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HAMMILL-WALTER FORMS Groups, PROMOTES 3

Hammill-Walter Associates of Winston-Salem has formed a conceptual design group and a technical design group within the firm and announced the promotion of three associates to new management positions.

C. Laurence Robbs, vice president who has been with the firm since graduating from NCSU School of Design in 1971, has been named manager of conceptual design; Clark M. Pierce, who joined the firm in 1977 two years after receiving his masters from Clemson, has been named manager of technical design; and Rence Callahan, who joined the firm in 1977 one year after graduating from UNC—Charlotte, has been named marketing programs manager.

The firm also announced it has been joined by Lester R. Love, a graduate of NCSU and the University of Arizona; Robert W. Lisi, a graduate of Kansas State University; and Walter J. Currin, a Virginia Tech graduate.

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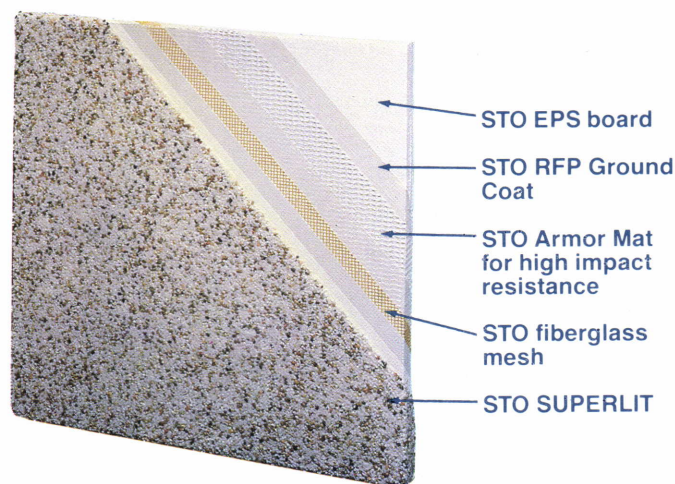
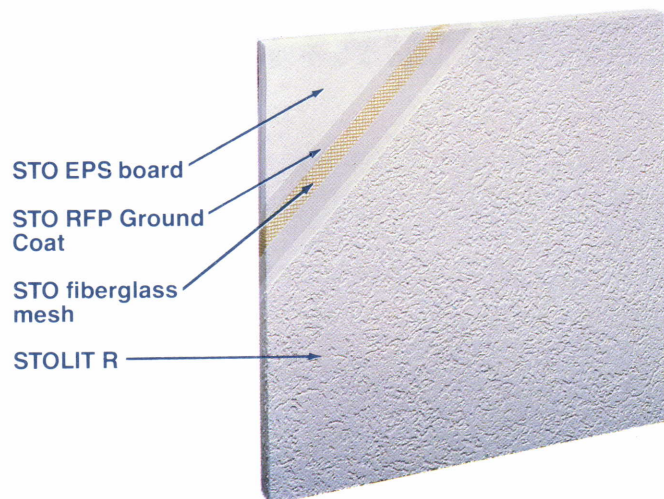


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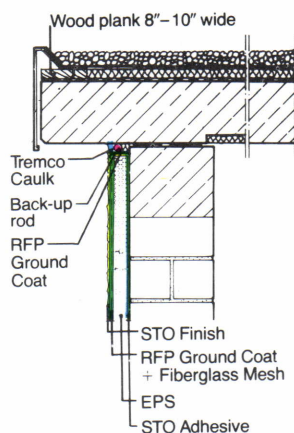
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for maximum impact protection. For full details on these and all other STO products, and for more specifics on the basic detail drawings that follow, write or call directly to STO's Rutland or Atlanta offices.

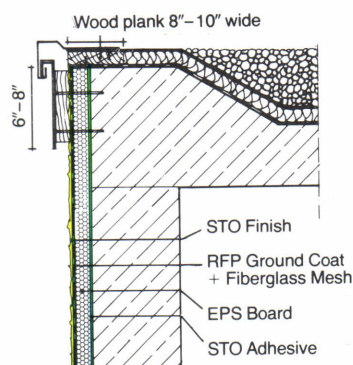


STO Full Thermal System Typical Details of Installation

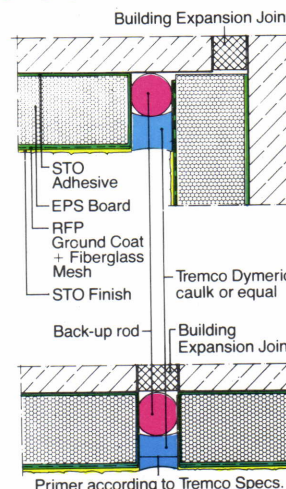
Flat Roof Soffit



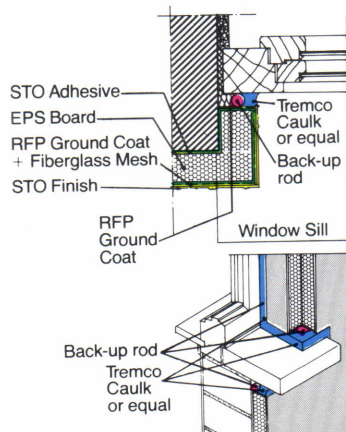
Flat Roof Fascia



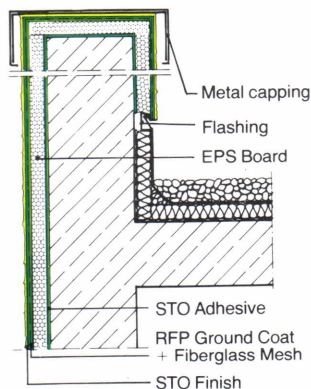
Expansion Joints



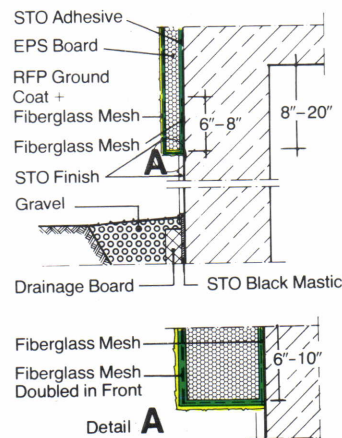
Window Sill—Insulated Return



Flat Roof Parapet



Back Wrapped Fiberglass Mesh Starting

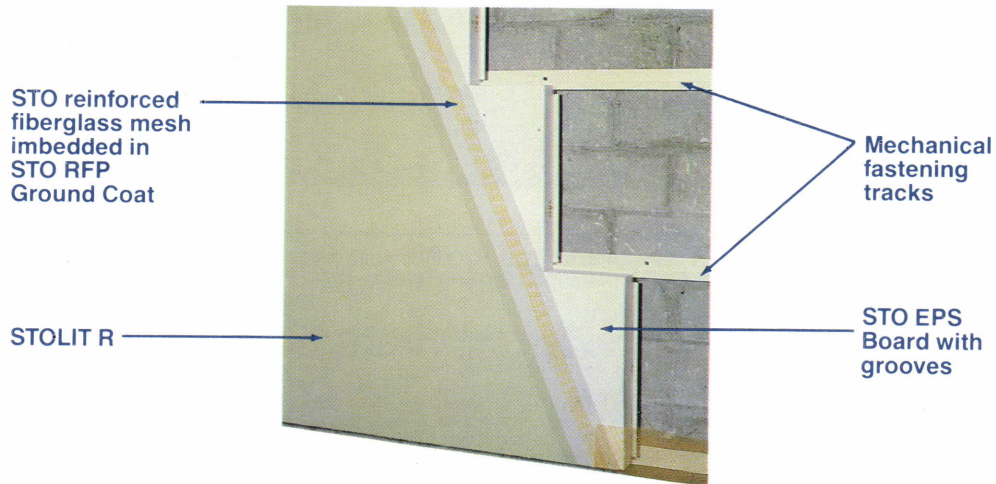


STO Full Thermal System M – mechanically fastened

7.13/Sto

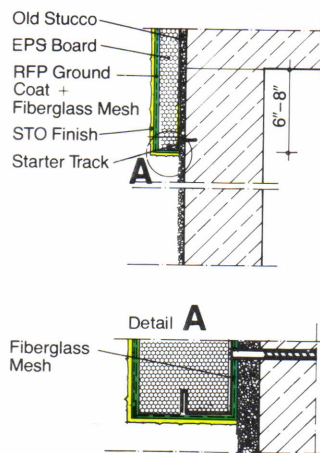
STO Full Thermal exterior insulation system M is applicable to any existing structure.

One of the most modern and reliable mechanical systems available today, System M offers totally compatible components that are easy to handle for high speed installation. STO ground coat and RFP can be applied immediately after installation of the M system track and EPS board. No waiting required as in common adhesive systems.

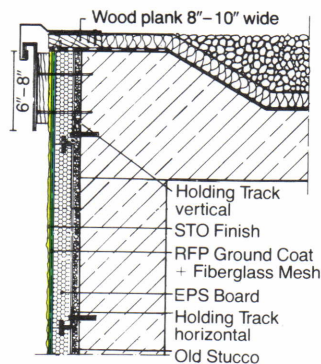


STO Full Thermal System M Typical Details of Installation

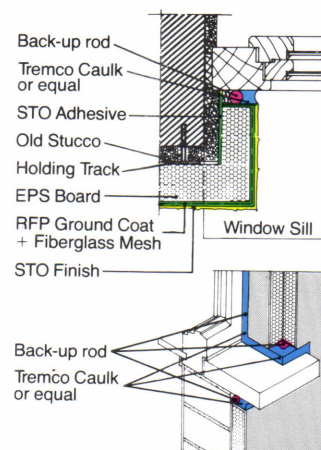
Back Wrapped Fiberglass



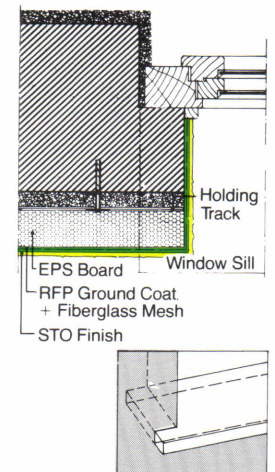
Flat Roof Fascia



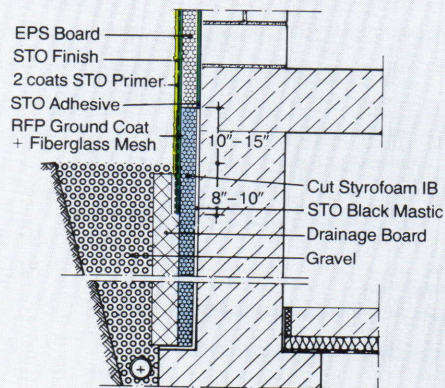
Window Sill— Insulated Return



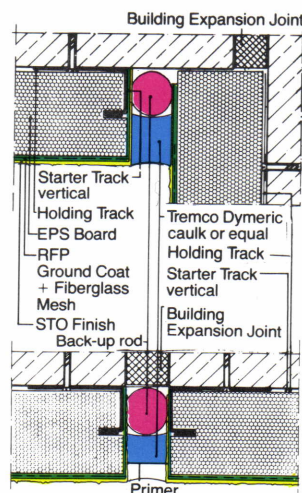
Uninsulated Return



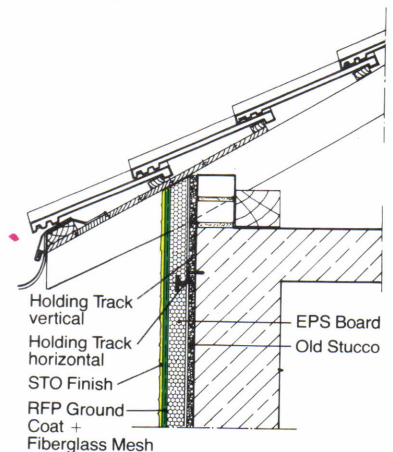
Typical Below Grade Insulation Detail Full Thermal System



Expansion Joints

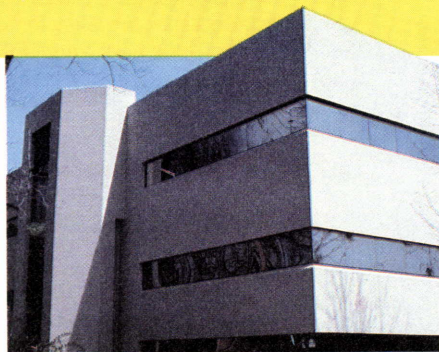


Sloping Roof





BEFORE



AFTER

The restoration of Lincoln Medical says it all.

Though energy savings may be the prime objective of STO Full Thermal exterior insulation systems, a beautiful new facade certainly runs a close second. Lincoln Medical's transformation is a testimonial to the dramatic changes that can be achieved.

TS: SPECIFICATIONS STO Adhesive Full Thermal Insulation Systems.

For standard application on Gypsum board, plywood, flakeboard and wood board.

MATERIALS

STO Dispersion Adhesive manufactured by STO Industries, Inc.—expanded polystyrene, less than 25 Flame Spread, 1.0 lbs./cu. ft. average density; K=0.23 per inch; Federal Specification HH-1-524C, Type 1, Class A. Thickness (specify as required for U-Factor of wall—minimum 3/4"). In addition, Insulation Board shall be aged by air drying for six weeks before use. The following dimensional tolerances shall apply for Insulation Board in lieu of Federal Specification HH-1-524C: Edges shall be square within 1/32 inch per foot. Thickness shall be within a thickness of plus or minus 1/16 inch. As manufactured by STO approved manufacturer and bearing the STO trademark.

STO RFP as manufactured by STO Industries, Inc.

STO Fiberglass Mesh as supplied by STO Industries, Inc.

STOLIT/STOLIT R Finish as manufactured by STO Industries, Inc.

INSTALLATION INSTRUCTIONS

All materials in this section shall be installed by certified STO applicators only. The surface shall have no irregularities greater than 1/4 inch. No special preparation is required for clean, dry and solid surfaces.

MIXING—STO Dispersion Adhesive is ready mixed and shall not be mixed with cement or any other additives.

STO Insulation Board— Apply to vertical surfaces beginning at the base from a firm permanent or temporary support. Adhesion shall be made to a clean hard surface as described under "Preparations of the Wall Surface." Precut insulation board to fit around openings, projections, etc. Stagger vertical joints. Apply adhesive directly to substrate with a fine notch trowel or sponge type roller. Apply firm pressure over entire surface of board to insure uniform contact and high initial grab. Abut all joints tightly, to insure an overall flush level surface. All areas where STO finish joins other materials or terminates at roof lines, window jambs, heads and sills, etc. must be protected in order that no water can penetrate behind STO Insulation Board.

STO RFP and Reinforcing Fiberglass Mesh—no cement or any other additives shall be mixed with the ready mixed RFP. A small amount of clean water may be added to help workability. Using a stainless steel trowel, apply a ground coat of STO RFP over EPS Board to a uniform thickness of approximately 1/16 inch. Work horizontally or vertically from the bottom in strips of 40 inches, and immediately embed the Fiberglass Mesh into the wet ground coat. STO Fiberglass Mesh shall be continuous at all corners and overlapped not less than 2 1/2 inches at Mesh joints. Avoid wrinkles in the Mesh. The finish thickness of the ground coat and reinforced Fiberglass Mesh shall be that the Mesh is fully embedded. Allow this application to dry overnight before applying.

STOLIT Finish— Thoroughly stir the factory prepared material with a high speed mixer with stainless steel paddle until a uniform workable consistency is obtained. A small amount of clean water may be added to aid workability. Avoid application in direct sun. Always work to a wet edge. Use a clean stainless steel trowel to roughly apply an even coat slightly thicker than the largest aggregate size in an upward motion. Next use a horizontal motion to level the rough application to a finish thickness no greater than the largest aggregate of the material. The final texture is achieved by applying light pressure in a circular motion.

TS: SPECIFICATIONS STO Mechanically Fastened Insulation System (M-System)

MATERIALS

Track System— Horizontal starter tracks 8 feet long. Horizontal holding tracks 8 feet long. Vertical T-Bars 22 inches long. Special fastening screws.

Insulation Board— Expanded polystyrene less than 25 flame spread, 1.0 lbs./cu. ft. average density; u=0.24 per inch; Federal Specifications HH-1-524C, Type 1, Class A.

Dimensional Tolerances shall be as follows: 1. Edges shall be square within 1/32 inch per foot. 2. Thickness shall be plus or minus 1/16 inch. 3. 2 feet by 2 feet EPS Board with special grooves at all 4 sides for track installation.

Thickness shall be indicated on drawings, minimum 2 inches.

Board shall be aged by air drying for eight weeks or equivalent kiln dried.

INSTALLATION INSTRUCTIONS

All materials shall be installed by STO Certified Applicators. Condition of surface to receive STO M System is not a consideration.

Establish horizontal line on bottom of substrate. Install starter track with special screws and install 2x2 EPS Board with groove into tracks with vertical T-Bar between each EPS Board. Start second row with holding tracks and continue row after row. Unevenness is corrected with shims between surface and tracks.

STO RFP and Reinforcing Fiberglass Mesh— No cement or any other additives shall be mixed with the ready-mixed RFP. A small amount of clean water may be added to help workability. Using a stainless steel trowel, apply a ground coat of STO RFP over EPS Board to a uniform thickness of approximately 1/16 inch. Work horizontally or vertically from the bottom in strips of 40 inches, and immediately embed the fiberglass mesh into wet ground coat. STO Fiberglass Mesh shall be double wrapped at all corners and overlapped not less than 2 1/2 inches at mesh joints. Avoid wrinkles in the mesh. The finish thickness of the ground coat and the reinforced fiberglass mesh shall be that the mesh is fully embedded. Allow this application to dry before applying STO Finish.

Caulking— All joints of the finished STO System to dissimilar materials shall be sealed with STO RFP and caulked with Tremco Acrylic Latex, as per STO Standard Details. In addition, at roof lines, adequate coping must be installed to prevent penetration of water behind the STO System. The STO Thermal System does not require control of expansion joints except when the substrate has a control or expansion joint, the joint shall extend thru the STO Thermal System and be caulked with Tremco Dymeric. On expansion joints, the STO Reinforcing Fiberglass Mesh and ground coat shall completely wrap the edges of the STO Insulation Board so that the Tremco Dymeric shall not come in direct contact with the STO Insulation Board.

STO LIT/STO LIT R Finish— Thoroughly stir the ready-mixed finish material with a high speed mixer with a stainless steel paddle until a uniform workable consistency is obtained. Small amounts of clean water may be added if needed. Using a stainless steel trowel, apply the STO Finish directly to the STO RFP Ground Coat. The final thickness of the finish shall be no greater than the diameter of the largest aggregate in the STO Finish Material. The final texture of the finish is achieved by floating the finish with a plastic or stainless steel trowel to match the approved sample.

Test Results and Code Approvals for STO Full Thermal Systems

Fire Hazard Classification

| TEST: | METHOD: |
|---------------------------------------------------------------------|---------------------|
| Surface Burning Characteristics (U.S. Testing Co.) | ASTM E84-79a |
| Large Scale Vertical Fire Test (University of California, Berkeley) | ASTM E-108 modified |

*This numerical flame-spread rating is not intended to reflect hazards presented by this or any other material under actual fire conditions.

STO Insulation Board

STO Insulation Board meets all requirements of Federal Specification HH-1-524C, Type 1, Class A.

| TEST: | METHOD: |
|----------------------------|-------------|
| Thermal Conductivity | ASTM C-177 |
| Average Density | ASTM D-1622 |
| Compressive Strength | ASTM D-1621 |
| Coefficient of Expansion | ASTM D-696 |
| Water Vapor Transmission | ASTM C-355 |
| Water Absorption | ASTM C-272 |
| Fire Hazard Classification | ASTM E-84 |

Federal Test Standard

| TEST: | METHOD: |
|------------------------------------|---------|
| Moisture Resistance | 6201 |
| Accelerated Weathering | 6151 |
| Salt Spray Resistance | 6061 |
| Abrasion Resistance (Falling Sand) | 6191 |

Military Standards

| TEST: | METHOD: |
|----------------------------|-------------|
| Mildew Resistance Mil-810B | 508 |
| Rain Test | Mil-E-5272 |
| Fiberglass Mesh | Mil-Y-1140H |

ASTM Tests

| TEST: | METHOD: |
|---------------------------------------------------------------------------------------------|-------------------------|
| Tension Test of Flat Sandwich Construction in Flatwise Plane Negative and Positive Windload | ASTM E330-70 and E72-77 |
| Impact Resistance | ASTM E72 |
| Salt Spray Resistance | ASTM B-117 |
| Water Vapor Transmission | ASTM C-355 |

United States Testing Co.

| TEST: | METHOD: |
|-----------------------------|-------------------------|
| Absorption-Freeze 60 Cycles | ASTM C-297 |
| Toxicity of STO Materials | ASTM E330-70 and E72-77 |
| | ASTM E72 |
| | ASTM B-117 |
| | ASTM C-355 |

ASTM E330-70 and E72-77
ASTM E72
ASTM B-117
ASTM C-355

CODE APPROVALS: Southern Building Code Congress, March 1, 1981, Report No. 8117; U.S. Department of Housing and Urban Development, May 20, 1981, Materials Release No. 1020; Building Officials and Code Administrators International, April 21, 1981, Report No. 80-87; ICBO, October 1982, Approved, Report No. 3906; Wisconsin Building Materials Approval, March 15, 1981, Report No. 810303. Connecticut Board of Materials Review, State of Connecticut BMR File 005-80; City of Boston and Commonwealth of Massachusetts; New York City Approvals: Insulation System with Fiberglass—MEA114-82M, Finishes—MEA-TI-MEA 6-82-M.

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MARTIN, Bardsley FORM PARTNERSHIP

James I. Martin, Architect, has changed the Shelby firm's name to Martin/Bardsley Associates P.A., reflecting a recently formed partnership with H. Keith Bardsley.

Martin has practiced in Shelby for the past 10 years, and before that worked in Charlotte and Puerto Rico. Bardsley, a native of Canada, has been associated with Martin for the past five years.

The firm says its current projects range from a \$100,000 lawyer's office to a \$15 million retirement community, as well as a number of renovation and residential projects.

Bolin Creek Center Installs Advanced Telecommunications

The developer of Bolin Creek Center on Airport Road in Chapel Hill says his 40,000 square foot office complex is the first multi-tenant speculative development in the Research Triangle area to have a state-of-the-art telecommunications system installed as part of the building's infrastructure.

Todd C. Zapolski, president of Consolidated Ventures Corp., says the agreement signed with Heins Communications Inc. of Sanford, N.C., could have far-reaching implications for developers of office space.

"Some day pre-installed telephone systems will become part of the standard leasing package offered to tenants everywhere," Zapolski says, adding that "because this is a first for this area, it stands out as a landmark agreement."

Besides reducing a tenant's phone installation costs, the Bolin Creek phone system offers Least Call Routing (LCR), which can reduce long distance charges by scanning and selecting the least expensive path for outgoing calls, and automatic set relocation, which enables any phone set and its number to be moved from one office to another by entering a four digit access code.

According to Ben Stewart, general sales manager for Heins Communications, the Bolin Creek system is "the first multi-tenance office building application I've seen." He says the coordinated approach by developer and com-



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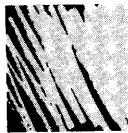
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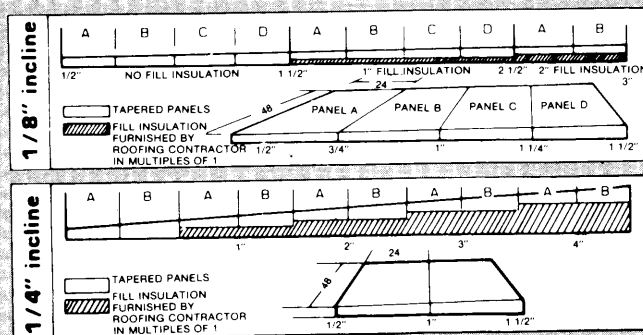


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| 1/4" | A | 1/2" - 1" |
| | B | 1" - 1 1/2" |
| 1/8" | A | 1/2" - 3/4" |
| | B | 3/4" - 1" |
| | C | 1" - 1 1/4" |
| | D | 1 1/4" - 1 1/2" |

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munications specialist is a direct result of increased competition with the divestiture of AT&T.

Overall design concept for the \$7 million Bolin Creek Center was created by CHR Associates P.A. of Chapel Hill. In addition to the phone system, CHR's design allows for rooftop satellite communication hookups, Ethernet Cable connections and other sophisticated advances.

R.J. Reynolds Project Wins Another Award

Restoration of the R.J. Reynolds Tobacco Co. building in downtown Winston-Salem has won another award.

The Art Deco Society of New York singled out the interpretive restoration of the Reynolds Building Lobby and exterior in presenting the award for outstanding achievement.

Earlier, the work on the Reynolds Building was honored by awards from the North Carolina and New York City chapters of the American Institute of Architects.

Croxton Collaborative Architects, New York, in conjunction with the project architects, Hammill-Walter of Winston-Salem, were responsible for the restoration.

The building, completed in 1929, was renovated in 1982. Originally designed by architects Shreve and Lamb, the Reynolds Building was the prototype of the Empire State Building.

Raleigh Paving Design Cited by MASONRY GROUP

Sam Reynolds of the landscape architectural firm of Dockery, Hunter, Reynolds, Jewell of Raleigh received a first place award in the national concrete block paver design competition sponsored by the National Concrete Masonry Association.

Reynolds won the residential category for his paving installation design for Bishops Park condominium community, being developed on the former site of the Methodist Home for Children in Raleigh by Martin Development Group of Charlotte.

The judges cited excellence in detail, color and compatibility with other on-site materials in selecting Reynolds' design.

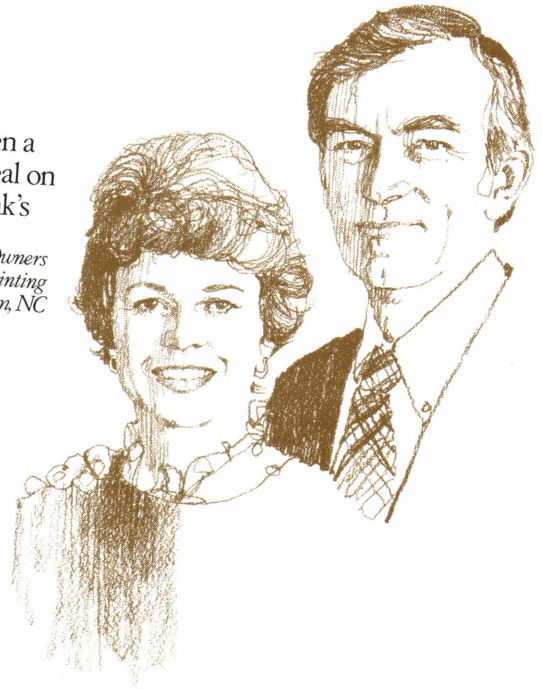
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George Mason Realtor
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*Jack Miklas, Owner
Miklas Tire & Auto Service, Raleigh, NC*

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*David K. Taylor, Jr., President
D.K. Taylor Oil Company, Inc., Fayetteville, NC*

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

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*Bill Allen, President
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Clark Tribble PLANS TO CONVERT WAREHOUSE INTO ITS NEW OFFICES

Clark Tribble Harris & Li has disclosed plans to rebuild a vacant office-warehouse building in downtown Charlotte to serve as its principal offices.

The firm, which has grown from six employees in 1976 to more than 100 employees today in Charlotte, Washington, D.C. and New York, applied for a \$1.77 million low-interest loan under the city's downtown renovation program as part of the estimated \$2.65 million cost of the project.

The structure at 7th and North College Streets in Charlotte's First Ward was originally a warehouse but was converted in the late 1950s into offices for Central Motor Lines. It has been vacant for more than a decade.

Plans call for adding a new front to the building, a rooftop skylight to form an atrium, a fountain, columns and arched windows. Office space will be nearly four times greater than at the firm's present quarters at 121 W. 7th St. in Charlotte's Fourth Ward.

ARCHITECTS' IMPACT ON FUTURE of CITIES Subject of Symposium

How is a city's economy, culture and quality of life influenced by its built environment? That question will be among the issues discussed May 16 at a Charlotte symposium on architecture sponsored by the Charlotte section of the North Carolina Chapter of AIA and the UNCC College of Architecture.

The public symposium at Spirit Square is titled "A City by Design: Directions for Charlotte" and is aimed particularly at business and political decision-makers who help shape public policy concerning major public/private development.

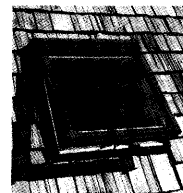
"The discussion at this symposium will offer implications for pending projects in Charlotte that will approach an investment of nearly \$1 billion over the next 10 years," says Bob Gunn of Dellinger/Lee Associates, president-elect of the Charlotte section, who is program chairman.

Scheduled speakers include Charlotte Mayor Harvey Gantt, the first architect/



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planner to be elected mayor of a major city in recent years: George B. Notter, president of AIA whose 1984 theme, "American Architecture and its Public," is focus of the symposium; Edward Sullivan, executive director of the Heritage Fund, Columbus, Ind.; John McNair, chairman of the North Carolina Board of Economic Development; Dennis Rash, president of NCNB Community Development Corp.; Robert Campbell, architecture critic of the *Boston Globe*; and Ernest Wood, design editor of *Southern Living Magazine* and former editor of *North Carolina Architect*.

The symposium is scheduled for 2 p.m. to 5 p.m., with a reception to follow showcasing projects by Charlotte architects and fifth year thesis projects by students at UNCC College of Architecture.

PEASE GARNERS ANOTHER AWARD FOR PRISON DESIGN

J.N. Pease Associates has won another award for its design of the North Carolina Central Prison in Raleigh.

The Prestressed Concrete Institute's award for creative design was accepted by John H. Duncan, the project's manager and architect.

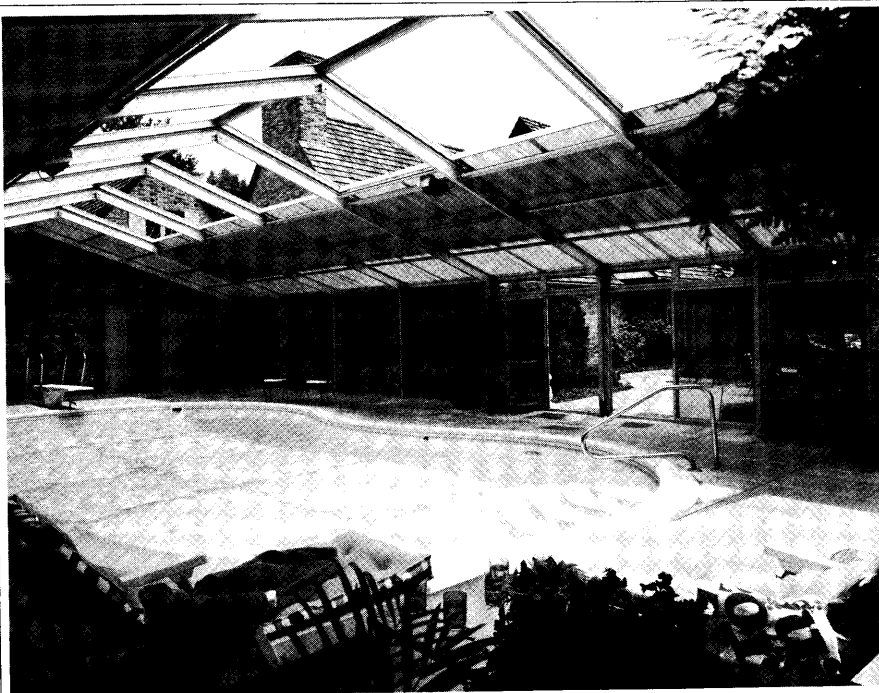
Earlier, the architecture, engineering and planning firm with offices in Charlotte and Research Triangle Park had received design awards from the American Correctional Association and the Illuminating Engineering Society for its design of the prison.

Odell Opens New Office in Tampa

Odell Associates, a Charlotte-based planning, architecture and engineering firm, has opened a new office in Tampa.

William C. McLellan, a landscape architect and Odell principal who joined the firm in 1974, has moved from Charlotte to Tampa to direct the Florida operations. The new office is located at Riverside Plaza on West Kennedy Blvd.

With a staff of 150, Odell also has offices in Richmond and Greenville, S.C. The most recent Odell building in Florida is the Pensacola Hilton Hotel. The firm's other current projects include manufacturing facilities for IBM and



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Verbatim Corp., the \$400 million James Center in Richmond, several hotels and apartment complexes, University Place in Charlotte and renovations at the U.S. embassy in Bonn, West Germany.

MEMBERSHIP DIRECTORY ADDITIONS & CORRECTIONS

The NCAIA Directory of Membership published in January-February issue of *North Carolina Architect* had several errors or omissions which have been called to the attention of the NCAIA office. These corrections should be noted:

Member Firms by City

ASHEVILLE

Wood and Cort Architects
239 Haywood St. 28801
(704) 252-3513

CARY

Hackney, Sears & Associates Architects
1142 Executive Circle 27511
(919) 467-5703

DURHAM

Hackney, Sears & Associates Architects
P.O. Box 1067
321 Chapel Hill St. 27702
(919) 682-5475

RALEIGH

Moore and Burton Architects
P.O. Box 17652 27609
(919) 782-6471

Scovil & Rairden

3715 Benson Dr. 27609
(919) 876-1048

WINSTON-SALEM

J. Aubrey Kirby Associates Inc.
234 S. Broad St. 27101
(919) 723-2984

Alphabetical Listing of Members

William C. Brantley, AIA
222 S. Church St.
Charlotte 28202
(704) 377-5941

Jack W. Clontz, AIA
P.O. Box 725
Matthews 28105
(704) 847-8288

John E. Cort, AIA
239 Haywood St.
Asheville 28801
(704) 252-3513

George D. Knight, AIA
3136 Zebulon Road
Rocky Mount 27801
(919) 443-3173

T. Edward Moore, AIA
P.O. Box 17652
Raleigh 27609
(919) 782-6471

Theresa J. Rosenberg, AIA
P.O. Box 26387
Raleigh 27611
(919) 733-3901

James A. Scovil, AIA
3715 Benson Dr.
Raleigh 27609
(919) 876-1048

Marcus S. Smith, AIA
1142 Executive Center
Cary 27511
(919) 467-5703

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AN AWARD FOR DISTINCTION

*Martin Development Group
honored by NCAIA.*

The Martin Development Group, a Charlotte-based company specializing in the development of unique, luxury townhouses and condominiums, has been selected as the first winner of an Award for Distinction presented by the North Carolina Chapter of the American Institute of Architects.

Headed by J. Franklin Martin, the firm was honored at the NCAIA's annual meeting, along with the five winners of the 1984 Design Awards Program.

Over the past several years, Martin's company has won plaudits for stressing outstanding architecture in the redevelopment of inner-city neighborhoods. The high-density developments make feasible use of smaller available sites by employing innovative designs to attract buyers back from the suburbs.

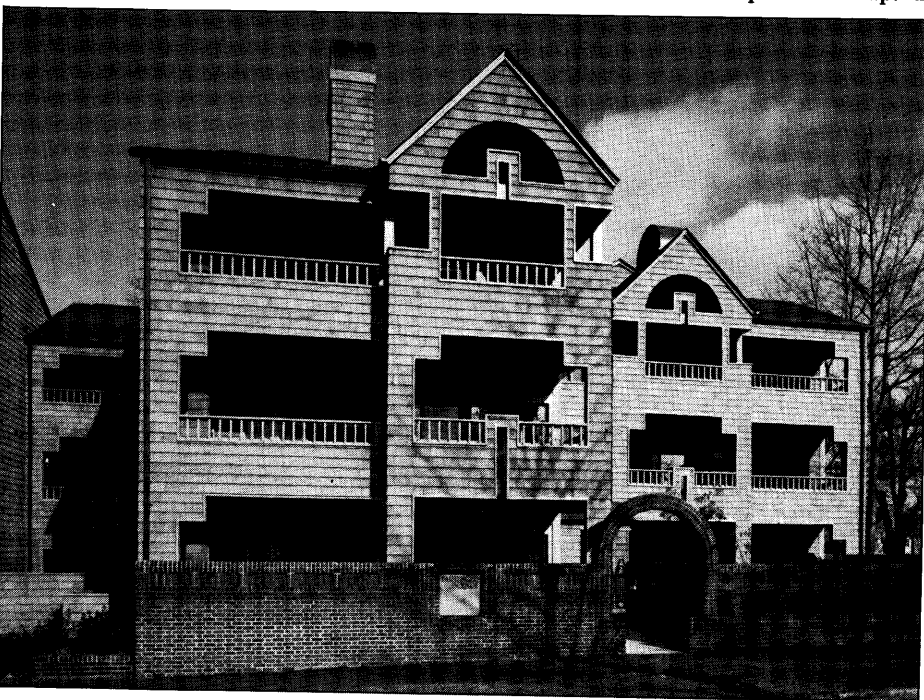
As one architect who has worked extensively with company described it: "J. Franklin Martin will critique and enrich project designs with the economic savvy of a developer, but with the architectural insight far beyond the layman. Quite simply, he gives us the opportunity to do some of the best multi-family architecture in the country. Not only that, he demands it."

Perhaps more importantly, this architect adds, Martin has been a pacesetter in efforts to improve neighborhoods. He cited Charlotte's Fourth Ward as an example, saying "development was sporadic until Martin's company took a chance. Eventually they would build over 100 units which set the standards for the new prospering area."

Martin was a Morehead Scholar at the University of North Carolina and graduated with Phi Beta Kappa honors in 1966, receiving his A.B. in economics. Following three years as a Navy officer, he entered Harvard Business School as a J. Spencer Love Fellow and received his M.B.A. in 1971. From 1971 until 1978 he was one of the four principals of Venture Management Inc., a

firm that developed and marketed over 1,000 condominium units in North Carolina, South Carolina, Georgia and Florida.

In 1978 he resigned his position as executive vice president of Venture Management to form Martin McGuire Inc., now Martin Development Group. □



This multi-family project is typical of innovative, attractive designs used by the Martin Development Group.



J. Franklin Martin of the Martin Development Group of Charlotte, winner of the NCAIA's "Award for Distinction."

Highlights of NCAIA CONVENTION

Greensboro meeting features award presentations, discussions.



A panel discussion on "Whither Architecture" featured (left to right) Brian Shawcroft, a partner in the Raleigh firm of Shawcroft-Taylor; James Nagle of Chicago, who chaired the NCAIA design awards jury; and Eduardo Catalano of Cambridge, Mass.



David Furman of Charlotte (right), cited for his design of Queen's Station multi-family project, accepts NCAIA award from competition chairman Marley Carroll of Winston-Salem.



Tyke Jenkins of Jenkins-Peer Architects (right) and Robert P. Burns of Burnstudio Architects (second from right) are honored for joint venture design of Lenoir Courthouse.



Norma DeCamp Burns of Burnstudio, Jesse Thomas of Van Thomas Contractor and Robert Hall, director, Chatham County Social Services, accept awards from Marley Carroll for Social Services Building in Pittsboro, winner of one of the NCAIA's 1984 design awards.



Accepting NCAIA awards for Stevens Center were (from left) Michael Newman, AIA; Bill Knott of Frank L. Blum Construction Co.; Donald Johnson, AIA; Dr. Lawrence Hart and Sam Stone of N.C. School of the Arts; Thomas Calloway, AIA, and Alan L. Moore, AIA.



W. David Kelly Jr. of Clark Tribble Harris and Li Architects accepts from Marley Carroll the scrolls honoring his firm for its interior design of Georgetown Park, Washington, D.C.

Photography by Wilton Abel

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Project:

County Courthouse
Kinston, N.C.

Architect:

Burnstudio and Jenkins-Peer,
Architects PA, a joint venture

Owner:

Lenoir County

General Contractor:

Hardy-Harvey

Judges' Comments:

"The addition . . . was actually done better than the predecessor. The linkage is convincing, the entry wonderful, the interiors are thoughtful and the detailing spectacular."

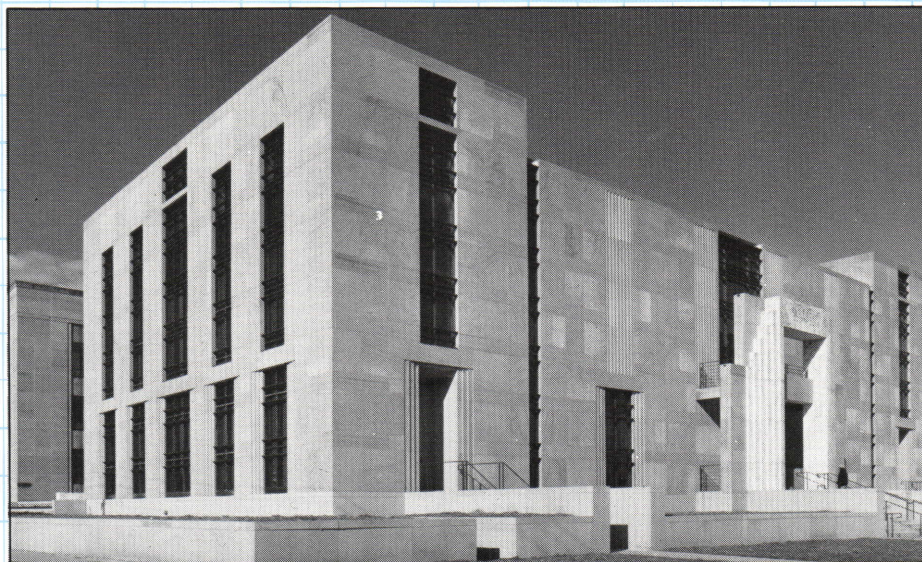
Architect's Synopsis:

The project called for a 45,000 square foot addition to existing 36,000 square foot courthouse built in 1938 and representative of WPA/Art Modern design. Design of the addition is sympathetic to the character of the existing courthouse, duplicating its mass and proportion. Old and new are joined by a glazed two-story lobby with a continuous skylight.

The addition is clad in matching sandstone and is articulated and detailed to recall the style and feeling of existing building. Panels of stone are stepped in at windows and fluted vertically, and the marble portion of the new entrance is derived from a monument on the front lawn. Windows and curtainwall are of bronze glass and aluminum; the mullions are configured in a layered fashion to evoke the decorative bronze grills of existing building.

Photographer:

Joann Sieburg-Baker





Project:

The Stevens Center
Winston-Salem, N.C.

Architect:

Newman Johnson Calloway Winfree

Owner:

North Carolina School of the Arts

General Contractor:

Frank L. Blum Construction Co.

Judges' Comments:

"... comes alive with the dramatic center window and entry. The theater is spectacular and the entrance and sequence of spaces convincing but surprisingly rich."



Architect's Synopsis:

The project involved transformation of an existing 1929 movie theater and hotel into a fully equipped performance hall for music, musical theater, opera, dance and drama. Major deficiencies of the existing building included poor sight lines and acoustics, inadequate lobbies, dressing rooms and support spaces, and a cramped stage, inaccessibly located eight feet below street level.

The stage was enlarged and raised to street level. Acoustics and sight lines were improved by removal of the middle balcony and reconfiguration of other seating levels. An orchestra pit, new lighting positions and a forestage acoustical reflector were designed to blend with the ornate existing interior. Lobbies, a grand staircase and a restaurant were created, using space from the old hotel. A new marquee provides covered entry from two streets.

Photographer:

Rick Alexander





Project:

Retail shopping center
Georgetown Park, Washington, D.C.

Architect:

Clark Tribble Harris and Li
Architects PA

Owner:

Western Development Corp. and
The Donohoe Cos. Inc.

General Contractor:

Donohoe Construction Co. Inc.

Judges' Comments:

"... The Jury ... was won over by the enthusiasm of project. Obviously careful detailing and thematic consistency knit the complex together. When it is done it takes on a life of its own."



Architect's Synopsis:

A unified interior image was sought for an enclosed three-level shopping mall (121 stores, 210,000 square feet) which is part of nine-level, mixed use facility (three levels of parking below, three levels of condominium housing above) behind existing building facades.

The interior design concept recreates atmosphere of this historic district during Victorian period at turn of the century. This included designing and fabricating new details to recall another era, highlighting old pieces by making special places for them, using new pieces to recall a style appropriate to the desired image, and organizing and combining all these elements to create a unique environment.

Shopping mall interior is organized around a central grand atrium courtyard which is visible from all three shopping levels and which brings light into the public space from skylight above.

Photographer:

Sanchez Weber Photography





Project:
County Social Services Building
Pittsboro, N.C.

Architect:
Burnstudio Architects PA

Owner:
Chatham County

General Contractor:
Van Thomas Contractor

Judges' Comments:

"The idea of taking a seemingly ordinary building and manipulating the parts to create lively exterior and charming interior works very well. A beautifully articulated and detailed project."



Architect's Synopsis:

The building recalls the charm of the neighborhood's older rural structures while offering advantages of modern materials. The building's clients include women and children as well as elderly and handicapped persons, and the design achieves a respite from the commonplace institutional environment through skylights, interior trees, air movement, light, shade, visual texture.

Within the larger 'public' area, the 'open' vertical airiness sets off the small-scale individual offices. Pathways to offices are evident and legible, and the offices are grouped under gabled pediments facing walkways for easy access and recognition.

The structural system has many of the advantages of an industrial building. Heat pumps heat and cool offices in extreme periods; simple ventilating devices provide comfortable conditions much of the year.

Photographer:
Jimmy Williams





Project:

Queen's Station
Charlotte, N.C.

Architect:

David Furman/Architecture

Owner:

Martin Development Group Inc.

General Contractor:

Stickland/Martin Inc.

Judges' Comments:

"... The vernacular and contextual objectives work very well without taking on mannerisms that are dated ... the consistency of the image carried through in the interiors and details make the complex special."



Architect's Synopsis:

The project called for a high density (28 units/acre) multi-family condominium project in the midst of a picturesque 70-year-old neighborhood.

Units were tightly clustered behind the given front yard set back line and arranged to concentrate the density while leaving usable green spaces and courtyards. The building masses were broken down into a more residential scale along the street, and fit into the single family streetscape.

The exterior line of the buildings borrows from the vernacular of its neighbors and reinterprets their context into a contemporary blend of innovation and tradition. The building materials are chosen for warmth, texture and content.

Photographers:

Rick Alexander
Larry Harwell
Steve Murray





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