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The Christopher Fordham Hall at University of North Carolina at Chapel Hill, a 1994 Design Award winner designed by The FWA Group, P.A., of Charlotte. Photography by Rick Alexander.

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The Domino’s Pizza in Matthews, designed by Clark-Nexsen/Gunn-Hardaway of Charlotte, is one of four Honor award selections in this year’s AIA North Carolina Design Awards competition. The 1994 design awards feature begins on page 10.
Marley P. Carroll, FAIA

Charlotte Architect Receives Kamphoefner Prize

Marley P. Carroll, FAIA, remembers the late Henry Kamphoefner as an advocate for modern architecture whose passion for architecture was contagious while Carroll was a student at N.C. State’s School of Design.

“When (Dean Kamphoefner) first came to N.C. State, he was kind of a crusader for modern architecture in North Carolina,” said Carroll, “therefore, the faculty he hired tended to be international and all of them trained in the Bauhaus method. They were very much proponents of what was, at the time, a new architectural style for North Carolina. When I got to N.C. State, I think the battle was almost won. Modern architecture was fairly common by then, but Dean Kamphoefner was still very influential in the selection of the faculty and on student development. He was especially influential in showing how important architecture was.

“Those of us who were there when Dean Kamphoefner was there almost had a crusade attitude, a near religious attitude, about architecture — about what it was and what it meant,” said Carroll.

Carroll, who graduated in 1962 from N.C. State’s School of Design with a bachelor’s degree in architecture, carried Kamphoefner’s passion for architecture with him throughout his architectural career. Carroll’s passion for architecture led him to excellence while he was still at N.C. State where he received the AIA North Carolina award for outstanding designer in his class. Throughout his 30-year-plus professional career, Carroll has continued to win accolades for his design prowess.

Carroll’s excellence in architecture has now led him to win the most prestigious honor a North Carolina architect can receive — the Kamphoefner Prize — named after the very man who influenced Carroll while he was a student at N.C. State.

The Kamphoefner Prize, administered by the North Carolina Architectural Foundation, gives a $10,000 award to a North Carolina architect or architectural firm for sustained contributions to the Modern Movement of architecture. The Prize is funded through an endowment from the late Henry and Mabel Kamphoefner and named for the founder and long-time dean of N.C. State’s School of Design.

In honoring Carroll, the Prize committee chose an architect who remained close to architectural education after graduating from N.C. State. At UNC-Charlotte, Carroll taught in the College of Architecture in 1975 and 1976 as well as served as a thesis advisor to a fifth-year student in 1975, 1977 and 1979. In addition, Carroll reviewed student projects at both UNC-Charlotte’s College of Architecture and at N.C. State’s School of Design throughout his professional career.

For Carroll, it was important to work with students because he was able to share his passion for architectural design with them.

“For me at least, and for many architects, I think that architectural education — being in school, learning to be an architect and designing buildings — is very exciting, and it’s pretty heady stuff,” said Carroll. “The idea of influencing students and giving them a sense of excitement is important and fun.”

And for Carroll, he received as much from his teaching experience as he gave. “You’re able to stay in touch with the academic side, where you have more freedom for newer ideas, because you’re exposed to more people from all over the world with different ideas,” said Carroll. “It’s refreshing as a professional to keep in that context so that you can see what’s going on and what the new ideas are because you can get to be very pragmatic very soon in practice.”

But for Carroll, becoming pragmatic was never a problem because he was continually excelling wherever he went. After graduation and three years of architectural work in New York and Florida, Carroll returned to North Carolina where he held a variety of positions with Wolf Associates, Architects in Charlotte from 1966 to 1979. While at Wolf, Carroll was project director for 16 firm projects which won state, regional and national design awards. Two projects, both of them branches of NationsBank, received AIA national design awards.

In 1979, Carroll received the lifetime honor of being elected to the College of Fellows in the American Institute of Architects for his many contributions to the advancement of the profession of architecture.
From 1980 to 1985, Carroll was corporate architect for R.J. Reynolds Industries and was in charge of special project development for all of RJR’s affiliated properties. One of these projects was the renovation of the R.J. Reynolds Tobacco Company Building in Winston-Salem which won a national honor award from the American Institute of Architects in 1984.

Since 1985, Carroll has been director of design for Odell Associates, the state’s largest architectural firm. His role has evolved from being responsible for design quality for the four Odell offices in Charlotte, Greenville, S.C., Richmond, Va. and Tampa, Fla. to that of principal-in-charge on projects for a few selected clients. This has allowed for direct involvement in all phases of a variety of project types including university, public assembly, health care, research, aviation, corrections, corporate, interiors and space planning. In addition, Carroll heads Odell Associates’ design council and is a stockholder and member of the firm’s strategic planning group.

And for Carroll, all of these architectural accomplishments grew out of his basic childhood love of drawing.

“As a kid, I loved to draw,” said Carroll. “In my hometown of Shelby, a real good friend of my family was an architect, and I used to go over and see his drawings. I thought that was pretty cool.”

And this love of creating an idea on paper is what initially attracted Carroll to a career as an architect more so than the building aspect of it.

“It’s a great charge to go out to a site to see something under construction that you can sort of touch and say ‘I remember thinking about this,’” said Carroll. “With the design phase, you’re conceiving ideas. Your ideas are lofty and your goals are even idealistic to some degree. That’s when you aim high.”

(Above) Exteriors of Charlotte Coliseum and (Below) of Kammhoefner Hall which was an addition to N.C. State’s School of Design and won an AIA South Atlantic Region design award.
(Above) The NCNB (now NationsBank) building in Charlotte which won Carroll an AIA national design award. (Below) An interior view of Carroll’s residence in Charlotte.
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1994 Design Awards
Four Honor And Six Merit Awards Are Presented

Eight North Carolina architectural firms have received 1994 AIA North Carolina Design Awards, signifying the best architectural design work in the state. A total of 10 awards were presented, as two firms won two awards each, on the evening of Saturday, August 13, in Wrightsville Beach.

Chairing the jury was Merrill Elam, AIA, of the Atlanta firm Scochin, Elam and Bray. Assisting on the jury was Mark McInturf, AIA, of Bethesda, Md. A total of 67 projects were submitted for jury consideration. Awards were presented in two categories: Honor and Merit. (Award winners are listed below.)

The Design Awards, presented annually since 1955, encourage and recognize excellence in architecture and are intended to illustrate the variety, scope and value of architectural services. The 1994 Design Award winners represent a wide variety of building projects and styles. Three of the winners are university projects, four are commercial or industrial projects, two are secondary school projects and one is affiliated with a church.

Many of the winning projects were mentioned for smooth adaption to their surrounding environments. For example, the jury mentioned how well Christopher Fordham Hall’s “lantern quality” fit into its campus environment. Another project mentioned was the Bell Tower at St. Stephen’s Episcopal Church which the jury described as “a surgical insertion into the site which makes an entry to the church campus and organizes the site.”

Both David Furman Architecture, of Charlotte and O’Brien/Atkins Associates, P.A., of Research Triangle Park received design awards for a second year in a row. David Furman received a design award both years for his work with the Charlotte Montessori School & Daycare. This year’s award was for an addition to the original plan.

O’Brien/Atkins Associates, P.A., and another Triangle firm, Hobgood + Cannon Architecture, each won two awards in this year’s competition. Hobgood + Cannon Architecture is less than three years old and its two principals, Kenneth E. Hobgood, AIA, and Roger A. Cannon, AIA, worked together previously as design architects at O’Brien/Atkins.

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Marley P. Carroll, FAIA

for winning the 1994 Kamphoefner Prize

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Christopher Fordham Hall  
Architect: The FWA Group, P.A., Charlotte

Owner: The University of North Carolina  
Location: Chapel Hill  
General Contractor: Pizzagalli Construction Company, RTP  
Mechanical/Electrical Engineer: MEPS Associates, Charlotte  
Structural Engineer: Yates/Starnes Engineering, Charlotte  
Civil Engineer: Dudley Stone, P.E., Charlotte  
Photographer: Rick Alexander, Charlotte  
Project Completion Date: October 1992

The program called for 66,000 square feet of faculty research space for the university's biotechnology program. The facility was programmed to foster interaction and collaboration between faculty from several departments. The selected site was a tight sloping parcel with less than one acre in area wedged between the hospital emergency entrance and the existing biology laboratory/classroom buildings.

The design parameters required a multistory solution with five floors of research laboratories. Below the lab floors, a partial floor is carved into the sloping site to house mechanical and electrical equipment and common building functions such as chemical storage and labware washing facilities. Above, the design is capped by a mechanical penthouse at the roof level.

Jury Comments: The jury enjoyed the lantern quality of the building at night which is extremely important on a university campus. The simple, general treatment of the brick is very seductive and handsome. The plan of the building is straightforward and the slipping of its parts seems to work well with the inclined up-plane of the site.
Burroughs Wellcome South Building


Owner: Burroughs Wellcome Company
Location: Research Triangle Park
General Contractor: Sutti Construction Company, Raleigh
Structural Engineer: GKC Associates, Durham
Civil Engineer: Ballentine Associates, Chapel Hill
Photographer: Rick Alexander, Charlotte
Project Completion Date: October 1992

The client needed a design for an addition to an existing brick building. The addition would double the size of office space and provide a new entrance into the office building complex to transform the image of the existing building. The site is located at the intersection of two major roadways with a natural pond east of the existing building. The solution created a linear configuration to screen the existing building and to present a new image to the public.

Jury Comments: The jury enjoyed the serenity of the scheme set on the edge of the pond and the masking of the older structure in a single, elegant stroke, providing a new character for the client. The contrast between the planning and organization of the new building to that of the older building makes both projects more energized. The space between the two does not become a throw-away space.

The completeness and consistency of the execution of the interior is on par with the depth of development and articulation of the exterior. The interior seems to glow with a luminous quality.
Minges Fieldhouse
Architect: Hobgood + Cannon, Architecture, Raleigh
Owner: Arendell Parrott Academy
Location: Kinston
General Contractor: Worthington Construction, Kinston
Structural Engineer: Morrison & Sullivan, Raleigh
Mechanical Engineer: Adcock Engineering, Raleigh
Landscape Architect: Little and Little, Raleigh
Photographer: Hobgood + Cannon Architecture, Raleigh
Project Completion Date: September 1993

Located in eastern North Carolina, this area is highly dependent on farming, and the academy’s landscape is defined by large areas of tobacco fields and barns.

This project provides a new press box, bleachers and concession facility for the school’s athletic fields. The wood frame, masonry and metal panel structure were constructed under a restricted budget. The brick at the base of the building and at the site walls match the brick of the existing campus building. The singular massing of the press box recalls the massing and siting of the region’s tobacco fields and barns.

Jury Comments: This project is much like a little machine, beautifully assembled and composed. The standard building components and materials were carefully considered. The drawings demonstrated the care and vigor with which this architect worked.
Domino's Pizza
Architect: Clark-Nexsen/Gunn-Hardaway, Charlotte
Owner: Domino's Pizza Carolina, Charlotte
Location: Matthews
General Contractor: T.C. Carter Construction, Charlotte
Structural Engineer: Robert T. Williams Associates, Charlotte
Consultant: Steve W. Haas & Associates, Charlotte
Consultant: David W. Shultz Associates, Charlotte
Photographer: Gordon Schenk
Project Completion Date: January 1990

This full-service delivery and carry-out pizza store was designed as a free-standing prototype building to respond to the site and current market trends in the pizza business. The site in the small town of Matthews is on the fringe between a commercial strip shopping center and an established neighborhood. Decisions were made early to preserve as many existing trees as possible and utilize residential materials and colors that occur on the adjacent homes. The goal was to create a unique alternative architectural solution to an otherwise typical problem.

Jury Comments: The three-dimensional expression of the grid is strong and clean—a wonderfully abstract expression. The design is very controlled and decommercializes the facility without gratuitous moves. This building acts like a garden folly which is an entirely interesting idea for such a commercial project.
Office/Showroom/Warehouse
Architect: ARCHITECTVS, MCMLXXXVIII, Charlotte

Owner: Delle Vedove USA Inc.
Location: Charlotte
General Contractor: Liles Construction Co., Inc., Concord
Photographer: Tim Buchman
Project Completion Date: November 1992

The building is the United States headquarters of an Italian company which makes belt sanding and finishing machines with 5,600 square feet of warehouse/showroom and 3,300 square feet of office space which includes administrative, sales and technical offices, a conference room, break room and lobby.

The typical warehouse is often not much more than the “back-of-the-house” and takes on little architectural importance. However, in this design, the offices, commons and support functions are arranged in symmetry along a single axis. This establishes a hierarchy that emphasizes the major importance of the warehouse showroom. The intention of the lobby is to reveal the entire staff to express the company’s accessibility, openness and the important value each individual holds with respect to each other and with the client.

Jury Comments: This design involves an alteration of the diagonal axis across the site and into the building — making the most of a small site and small building. We thought that the architects listened closely to the client and invented an architectural problem that they then solved. In general, we appreciated the machine aesthetic relating to the client’s product.
This project for an architect’s office is located four blocks from the State Capitol in Raleigh. The streetscape in this area presents a variety of buildings from formal (axial) to informal (individual buildings surrounded by parking.) The design of the building restores an existing brick facade and infills the site with a new structure.

The design intent was to retain the scale and character of the streetscape and provide an open studio space inside. The interior space is divided by a steel and concrete block volume. The street side of the space contains the entry, waiting and conference area. Located on the opposite side are the design studio and drafting room. The concrete volume contains a kitchen and restroom. The new exposed steel joist roof structure provides the visual continuity of one unified space. Indirect lighting provides an even illumination on the work surfaces and highlights the ceiling structure.

This project is part of a two-phase renovation. Phase two began construction in August 1994.

**Jury Comments:** The economic means and simple moves make this an elegant scheme with each part carefully considered. It was of interest that this was a public process to “put architecture on the street” but it is softened by the subtle setback of the store. The quality of light seems extraordinary.

409 Hillsborough Street
Architect: Hobgood + Cannon Architecture, Raleigh
Owner: Kenneth E. Hobgood, AIA
Location: Raleigh
General Contractor: Carneal Downey Construction Company, Raleigh
Structural Engineer: Morrison & Sullivan, Raleigh
Mechanical Engineer: Bass, Nixon & Kennedy, Inc., Raleigh
Photographer: Hobgood + Cannon Architecture, Raleigh
Project Completion Date: October 1993
Scott Hall Department of Poultry Science

Architect: Whisnant Morgan Adams Collaborative, Charlotte

Owner: North Carolina State University
Location: Raleigh
General Contractor: L.P. Cox Company, Sanford
Mechanical Engineer: Professional Engineering Associates, Charlotte
Electrical Engineer: Steve Haas & Associates, Charlotte
Structural Engineer: Structural Engineers, Inc., Charlotte
Photographer: Gordon Schenck
Project Completion Date: October 1992

In response to the immense growth of the poultry industry, the existing Department of Poultry Science needed both renovation and expansion. The completed facility houses teaching and research laboratories, faculty offices, a lecture classroom, graduate research studios and animal-care facilities. The project consists of 41,000 square feet of renovated space and 33,000 square feet of new construction.

The building is designed to form a gateway to the student commons in response to the campus planner's dictum that "every building must give something back to the campus." The image of the new facility addresses the industrial character of the older campus while complementing the commercial buildings along the adjacent Hillsborough Street. In the space formed between the old Scott Hall and new structure stands an arbor of a half-dozen egg forms greened by Carolina Yellow Jessamine.

Jury Comments: The design gives a new face to the existing facility and brings together an extremely complex/unresolved corner of the campus. We enjoyed the architect's wit with reference to the egg shapes.
The new 11,500 square-foot center serves as the physical and spiritual heart of student life for a small liberal arts college campus. It is located, as an infill structure, to interact functionally with an existing dining hall, bookstore and post office, thereby focusing all student social activity at this new central hub.

It was the college’s wish that the Center’s exterior and interior design respond to the historic context of the College’s turn-of-the-century classical architecture. New brickwork is carefully matched to the existing brick while cast limestone columns, terracotta tile roof and gridded windows repeat a recurrent historic theme.

**Jury Comments:** This represents a direct use of the classical language without trying to modernize the elements. For all its classical style, the design is very abstract and strong and gathers the various disparate parts of this place on campus into a strong whole. The logic of the exterior extends into the interior and allows the project to look back onto and into itself.

**Trexlер College Center**

**Architect:** Jenkins-Peer Architects, Charlotte

**Owner:** Queens College

**Location:** Charlotte

**General Contractor:** McDevitt Street Bovis, Charlotte

**Structural Engineer:** Browning-Smith Associates, Charlotte

**Mechanical/Plumbing Engineer:** David N. Shultz Associates, Charlotte

**Electrical Engineer:** Haas & Kennedy Engineers, Charlotte

**Photographer:** Stanley Capps Photography, Charlotte

**Project Completion Date:** August 1993
Charlotte Montessori School & Daycare, Addition
Architect: David Furman Architecture, Charlotte

Owner: Mrs. Maura Leahy-Tucker
Location: Charlotte
General Contractor: Carocon Construction, Charlotte
Landscape Architect: Design Resource Group, Charlotte
Photographer: Tim Buchman
Project Completion Date: November 1993

The initial building of this growing school was completed in 1992, and its success in attracting new students created a need for expansion. A new building of approximately 7,000 square feet was designed including three classrooms for primary education, two for toddlers and a cafeteria that could convert into a meeting facility.

There is a porch/deck surrounded by trees on the side of the cafeteria where children can eat outside, as well as an informal outdoor classroom that provides a cozy setting for leaders to supervise play.

Small walled-in courts are located outside of each classroom to protect children from the parking lot.

The old barn on the site required too much money to upfit but is left to reflect the character of the original site and is used for storage. The red roof of the school takes a cue from the rusted barn roof while creating a playful look to the campus.

**Jury Comments:** The architect refused to accept a traditional institutionalized mold and attempted to resolve the differences between the tradition of the barn and the lovely existing building. The school is playful without being cute. There is an interplay of the exterior spaces that are crucial to the building.
The congregation and its design committee desired a physical and emotional completion of its sanctuary and parish hall complex. The tower design creates a series of kinetic visual perceptions and views of the bells. The design creates openings in the most massive elements that act as windows to view pieces and parts of the tower. This visually allows the tower’s components and bells to be uncovered during the different approaches, be it from a car or pedestrian level. The stone wall references the primary structure’s base material and acts as the ballast to the main frame which references the sanctuary’s exposed structure. The tower is intended to appear light and transitional which is consistent with the church’s strong history and changing perceptions of the future.

**Jury Comments:** The tower is a surgical insertion into the site which makes an entry to the church campus and organizes the site. The tower itself is delightful in its variety of parts and pieces, with delicate parts played against heavier bolder parts. The final product is a complementary piece that resides nicely with its period predecessor.

**Bell Tower**

**Architect:** O’Brien/Atkins Associates, P.A., RTP

**Owner:** St. Stephen’s Episcopal Church

**Location:** Durham

**General Contractor:** C.T. Wilson Construction Company, Durham

**Structural Engineer:** GK&A Associates, P.A., RTP

**Bell Consultants:** Van Bergen Bell Foundries, Johns Island, SC

**Photographer:** Gordon Schenck

**Project Completion Date:** December 1993
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Legislative Report
A New Code For Renovation Is Adopted

The North Carolina Building Code Council adopted a new volume of the State Building Code in June. Until this time, there was only one building code for any construction activity, whether it was renovation of an existing building or entirely new construction. Volume IX, "Existing Buildings," is the newly adopted code and may apply to any building built before 1991, when the code was last modified. The new code is a "formal acknowledgment of the growing need for a code that is sensitive to the conditions and circumstances which are encountered in renovating or altering an existing building."

The new code is voluntary. Renovation work on existing structures may now be done according to the new Volume IX code, but owners of existing buildings also have the option to use the code applying to new construction.

Several significant changes are incorporated into the new code. The 50% rule, which required that buildings undergoing substantial renovation in excess of 50% of their assessed value comply with the code for new construction, has been eliminated. Under the new code, an existing structure which was built under an earlier edition of the code may be renovated according to the requirements of that earlier code. The committee found that "since the adoption of the first State Building Code in 1936, "life safety standards have not changed significantly."

The "Change of Occupancy Rule" has also been modified. Under the previous code, whenever a change of use occurred, the building had to be updated to meet the most recent code requirements. The new code creates "hazard groups" which combine similar occupancy types such as mercantile and business. If a change of use occurs within the same hazard group or to a lower hazard group, full compliance with the code for new construction is not required. Only when there is a change of occupancy to a higher hazard group must the building meet current new construction requirements.

The new code allows for an evaluation of existing installed systems rather than requiring them to be updated. Existing electrical, plumbing and HVAC systems may be inspected by a professional engineer, architect or licensed contractor and, if found to be safe and in good working order, those systems may be completely or partially retained in a renovation project.

Reaction to the new code has been generally positive. Gerald Traub, AIA, of Raleigh who specializes in historic structures, considers the new code a major step forward for historic preservation. In his opinion, the next big step will be to acquaint owners, inspectors and contractors with the new possibilities which the code presents. Tim E. Simmons, AIA, of the State Historic Preservation Office, cited several minor problems yet to be resolved, but said the new code would allow a more sensitive approach to renovation of historic structures.

A special ad hoc committee, including five AIA North Carolina members, played a major role in writing the new code. The committee, chaired by James J. Tschupp, AIA, of Raleigh also included Simmons, Barbara A. Field, AIA, of Asheville, Jonathan B. Graham, III, AIA, of Cary and Donald W. Yelverton, AIA, of Charlotte.
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Off The Drawing Board
William H. Dove, AIA, Elected President of N.C. State's Alumni Association

William House Dove, AIA, of Rocky Mount has been elected president of the North Carolina State University Alumni Association for 1994-95.

Dove earned a bachelor's degree in architecture from NCSU in 1956. He is married to the former Jeanette Stancil of Rocky Mount, and they have two daughters and one son.

A practicing architect, Dove is president of Dove-Knight and Associates. He is on the boards of directors of the YMCA and Tri-County Industries.

The NCSU Alumni Association is a service organization that provides programs for alumni and supports the university's teaching, research and extension efforts through scholarships, graduate fellowships and faculty recognition programs.

The association will award more than $500,000 in merit and need-based scholarships for the 1994-95 academic year. These awards will include 100 John T. Caldwell Alumni Scholarships, the university's most prestigious merit-based awards.

The Doves have endowed a Caldwell/Dove Scholarship.

RECOGNITION AND AWARDS
Timothy D. Kent, executive director of AIA North Carolina and an Honorary Affiliate of the Chapter, has received designation as a Certified Association Executive (CAE) from the American Society of Association Executives. Kent successfully passed a day-long exam in June, covering 24 different aspects of association management. He qualified for the exam through required education and expe-
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Mr. Gantt previously served as mayor of Charlotte, N.C., and was the Democratic nominee for the U.S. Senate from North Carolina in 1990.

The National Capital Planning Commission is the central planning agency for the federal government in the National Capital Region. As such, the Commission reviews and approves federal construction proposals within the National Capital Region and evaluates the Federal Capital Improvements Program for the Office of Management and Budget. The Commission has a full-time staff of 55 and an annual budget of approximately $5.75 million.

Alan T. Baldwin, AIA, of Charlotte is the new president of the North Carolina Board of Architecture. Baldwin succeeds W. Calvin Howell, AIA, of Southern Pines who has retired from Board service. Norma DeCamp Burns, FAIA, of Raleigh is the new Board vice-president while Kenneth Burnette, AIA, of Morehead City is secretary-treasurer. The newest architect member of the Board of Architecture is Kenneth C. Mayer, Jr., AIA, of Greensboro.

Speaker of the House Daniel T. Blue, Jr. has appointed two architects to state boards and commissions. Christopher McClure, AIA, of Raleigh has been reappointed to the N.C. Child Day Care Commission. His term expires June 30, 1996. Philip G. Freelon, AIA, of Durham has been appointed to the Capitol Preservation Commission. Freelon’s term expires June 30, 1998.

Alfred F. Platt, Jr., AIA, has received the Private Sector Support award at the 1994 annual conference of Arts North Carolina held in Boone. The Brevard firm was honored for its work with the Transylvania County Arts Council in the creation of its new office and gallery. Platt donated his firm’s services in the renovation of the Council’s headquarters.

Associate member G. Graham Yarborough, Jr., was a finalist in the national competition for Vocational Industrial Clubs of America Adviser of the Year. Yarborough teaches architectural drafting at Bladenboro High School.

William Robert Wakeham, AIA, of Raleigh has received a Cary Mayor’s Award for its design of the clock tower at Preston Corners in Cary.

Contributions to “Off The Drawing Board” should be mailed to: Moore Marketing, 4117 N. Roxboro Rd., Suite 210, Durham, NC 27704. Contributions can also be faxed to 919-477-6368.
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