CHAPTER NEWS

DELEGATES TO AIA CONVENTION

Delegates to the national convention of The American Institute of Architects at Portland, Oregon will be:

Jack C. Cohen, AIA
Ronald S. Senseman, FAIA

NEW ADDRESS

Warren G. Sargent, AIA, announces the opening of his office for the practice of architecture at:

10605 Concord Street
Kensington, Maryland 20795
Phone: 933-1558

CHAPTER MEETING REMINDER

Members of Potomac Valley Chapter, AIA, are reminded that in accordance with the bylaws there will be no Regular Meetings in the months of July and August. Meetings will resume in September with ample notice provided.
Hold everything!

Right now this brand-new building-to-be is out of date... unless the plans include completely modern communications planning.

Nowadays, chances are that tenants will need more than just telephones. They'll probably use Data-Phone® service, teletypewriter, Tele-Lecture, even closed-circuit TV.

Today, architects and builders know that these services should be a part of the planning, in the blueprint stage. That avoids expensive alterations and unsightly wiring later.

To get the experienced counsel of our communications specialists, just call any of the following offices.

DISTRICT OF COLUMBIA  202-392-3349
MARYLAND SUBURBAN  202-392-3844
VIRGINIA SUBURBAN  202-392-6476

At C&P, service to you comes first with us.
"All-Electric helped us finish this building ahead of schedule,"
say veteran builders Coakley and Williams.

There are several reasons why this building was completed in 124 days—a record for Coakley & Williams. But one of the most important was the decision to make it total electric, which eliminated several time-consuming and cost-creating steps.

It also resulted in a "plus" for Vitro Laboratories, which occupies the entire building. Individual through-the-wall heating and cooling units serve the perimeter areas. Each office occupant can choose heating or cooling (or nothing) at any time, even after hours or on weekends. The interior is heated and cooled by a central ducted system. Electric heaters inserted in the ducts provide winter warmth. In summer the same ducts dispatch cooled air from a central air conditioning unit.

Electricity provides many choices. Let us know your objectives and needs, and we'll help with product information, facts, figures, case histories, even estimates of operating costs. No obligation. Call NAtional 8-8800, ext. 591 for commercial or ext. 442 for residential.

Builder-Owner: Coakley & Williams, Inc., General Contractors
Architect: Loewer, Sargent & Associates
Mechanical & Electrical Engineer: Loewer, Sargent & Associates

PEPCO
National Electric Power Company
Ask about our special rate provisions for electric space heating and water heating for commercial customers.

INSULROCK Roof Deck Systems can match your best design and engineering ideas... all in one material... acoustical, insulating, non-combustible. And an INSULROCK deck gives you the added feature of an attractive, light-reflecting ceiling surface.

For custom specifications, technical assistance, and personal attention to your requirements... contact the INSULROCK Distributor nearest you:

- GYPSUM ROOF DECKS, Zelienople, Pa.
- THE HALLY COMPANY, Princeton, N. J.
- LEE D. HARNER COMPANY, Berwick, Pa.
- ACOUSTICAL DECK ERECTORS CORP.
  Tuckahoe, N.Y.
- JOHN H. HAMPShIRE, INC., Baltimore, Md.;
  Bladensburg, Md.

INSULROCK ROOF DECK SYSTEMS by
BUILDING PRODUCTS GROUP
10 Stuyvesant Ave., Lyndhurst, N. J. 07071
Understanding of 18th and 19th century American character and thought provides insight into the architectural order and consistency bound to the inherent social structure of the time.

It is a period dealing with strong solids and cavities spoken in a uniform architectural language, expressing the prevailing character of the people. Remaining buildings and bridges provide visual and tangible means of understanding an architecture solving practical and functional problems. It must be felt within its own environment — among the elements supporting its very existence.

"Architecture" could well be the word substituted for "painting" in this description of Andrew Wyeth's work, which so aptly states the message one receives in experiencing the stone structures of Western Maryland. "The painting made of that moment contains the meaning of a day, a place, a season of the year, a phase of America."
German immigrants, landing in Philadelphia, brought to America a stone architectural expression strongly reflecting the stone structures found in the villages clustered along the banks of the Rhine. A solid, vigorous, practical, sound character is evident in what may be called a sensible job of building.

The regional character of these stone villages, houses, barns, mills and bridges form a sharp contrast to the degree of elegance and refinement found in the brick manor houses built by the English in Tidewater Maryland. Social and cultural differences are clearly defined.

Jonathan Hager, the founder of Hagerstown, attracted many German artisans to his new settlement. "Hager's Town" became a village of artisans representing many crafts and trades; and among them, the stone masons.

Hager, a fur trader, blacksmith and gunsmith, built a stone house in 1739, the oldest known existing stone house west of the Blue Ridge. Architecturally, it authentically states a solution to problems of function encountered by the self-sufficient settler.
CHARACTERISTIC
ARCHITECTURAL FEATURES AND DETAILS FOUND IN EARLY STONE STRUCTURES

SITE: Houses were built over one or more springs
- to assure water supply during Indian attacks
- for fire protection
- for convenience

CONSTRUCTION: They were constructed for defense in a fort-like manner
- of field stone found on or near the site
- usually not of "dressed" stone
- with brick chimneys
- wood shingles for roofing
- heavy timber framing
- a central flue in middle of dwelling

DOORS & WINDOWS: Both the flat "jack arch" and the slightly rounded arch were used
- over both doors and windows
- doors were deep-set and heavily paneled
- wood pinned door jambs and window sash
- window sash were divided into nine lights in the top sash, and six lights in the lower sash

INTERIOR FEATURES: Paneled enclosure surrounds stairwells
Simply detailed wood trim and paneling
Wide floor boards
Heavy chair rails
Immense fireplace openings and corner fireplaces
Plastered wall and surfaces
- plastered with a mixture made from plaster of Paris, mud and straw
Hardware was varied
- rat tail, "Holy Lord" and strap hinges
- thumb latches, sliding bars
- wooden box latches (wood because of English tax on metal locks)
Colors used:
- natural plaster and natural wood
- mustard yellow, earth red and rich blue
Erected over two springs and built against a bank; the house originally had one and a half stories. Hager added the second story prior to 1745.
The van Swearingtons, Holland Dutchmen, came from New Amsterdam to Felfoot in 1752. This cluster of stone buildings along the Little Antietam was originally surveyed in 1734. A datestone of 1754, surrounded by unusual diamond-shaped stones is located high in one end wall of the gabled barn. It is believed that the barn was constructed in preparation for the outfitting of Braddock's expedition in 1755.

"Felfoot Bridge", possibly one of the earliest stone bridges in Washington County, is unique in the squared-off piers at the base of the arches.
Stone houses on the corner of Main Street and Hall Street in Sharpsburg, Maryland, a town originally laid out by Joseph Chapline in 1763.

Of interest is the early half-timbered and squared-log wing attached to the stone house at the corner. This form of medieval construction was brought to America by German and English settlers.

The Peter Mong house was built over a spring and added to in four stages. The main house bears a date stone of 1810, but is pre-dated by other sections of the structure.
These handsome dressed stone structures were built by immigrant Irish workmen to carry the C. & O. Canal over tributary streams to the Potomac River.

Classical Roman influence is especially evident in the squared pilasters and techniques of arch construction. Of interest is the fact that "keystones" were employed at the center of arches in aqueducts, but they were not used in stone bridges built for vehicular traffic.

Licking Creek Aqueduct near Park Head. The overall length of the single arch span is over 120 feet, at one time the largest aqueduct arch in the United States.

Wilson's Bridge spans the Conococheague Creek with five graceful arches. Erected in 1819, at a cost of $12,000, it extended the National Road westward.

Antietam Aqueduct near Antietam Furnace, built in 1834.
Beaver Creek, a tiny community of stone buildings is close to Route 40 and lies several miles south of Hagerstown. A few buildings have since disappeared, but most of them remain intact. Houses, barns, outbuildings, springhouses, a mill, a tannery, a blacksmith, a cooper’s shop (barrel maker) and a shoemaker’s shop formed the nucleus.

"Cooper's Shop"

The Trovinger Mill, located on Trovinger Road near Chewsville. Originally Rohrer’s Mill, it has a date stone marked J. R. — 1771.
ACKNOWLEDGEMENTS

Mrs. Frank W. Mish, Jr.

It was through the untiring effort and determination of Mrs. Mish that the restoration of the Hager House became a reality. She is a trustee of Maryland Historical Trust, National Park Service Historic Buildings Survey and the National Trust for Historic Preservation.

We want to express our appreciation to Mrs. Mish for her interest and guidance.

David T. Cottingham

Mr. Cottingham is the Chief of Photography and Engraving for the Daily Mail and the Morning Herald daily newspapers in Hagerstown, Maryland. We wish to thank Mr. Cottingham for photographically documenting all the stone structures used in the preceding article.

Denver Wyand

The stone mason who appears in the photograph on the title page.

Eleanor V. Lakin

Cover design and graphics

A map giving the location of the structures included in this issue is available from the office of

Bushey • Chapman • Burrey
49 Summit Avenue
Hagerstown, Maryland 21740

The Hager House is open to the public:

Tues. through Sat.

10:00 A.M. to 5:00 P.M.

Sun. 1:00 P.M. to 5:00 P.M.

Mon. closed
look at the changing skyline and you'll see how big
gas air conditioning looms today

when problems loom on your horizon, call ST 3-5225, ext. 8330

Washington Gas Light Company

The important jobs are going gas. Scores of the newest buildings on our skyline use gas for economical, dependable cooling and heating. With experience in virtually every kind of installation, our staff can be of important help on your next project. A phone call will bring you any assistance you require in the many applications of gas for commercial, residential or industrial users.

One of a series on why it will pay you to use Corson's Products

YOU'RE ASSURED
Permanent Insulation For Buildings

WHEN YOU USE
STYROFOAM® • DORVON® •
THURANE® • brands of plastic foam insulation of The Dow

Chemical Company. Styrofoam is unique. Dorvon is a bead board. Thurane is a urethane. Each product has its advantages and is of topmost quality. To efficiently use these insulation materials in building construction we have developed . . .

“SYSTEMS CONCEPTS”
 Miller System (for drywall) on interior face of walls
 Plaster Base
 Perimeter—on foundations
 Cavity Wall—on exterior walls
 Form Liner—with poured concrete

“PERMANENT INSULATIONS FOR BUILDINGS” is an informative booklet on products of the Dow Chemical Company. Write for your free copy today.

DIRECTORY OF PROFESSIONAL SERVICES

Foundation Test Service, Inc.
James J Schnabel, President
Test Borings—Auger Borings
Rock Core Drilling—Roc Testing
4909 Cordell Ave. Bethesda, Maryland
Phone: OL 2-8430

Granger & Oliver
Test Borings
Box 31—Kensington, Md. 20728
946-3013

Wayne C. Greathouse & Assoc.
Engineers—Land Surveyors
2401 Blueridge Ave., Wheaton, Md.
933-1616

Oyster, Imus
And Associates, Inc.
Civil Engineers and Land Surveyors
2410 Reedie Drive Wheaton, Md.
946-2011

PROVIDING BUSINESS AND INDUSTRY WITH QUALITY PHOTOGRAPHS
INDUSTRIAL ADVERTISING
ARCHITECTURAL COMMERCIAL
outstanding realism and quality!

BORLAND PHOTOGRAPHY
9523 TELEGRAPH ROAD, SEABROOK, MARYLAND
PHONE 301-577-1877

DIRECTORY OF BUILDING EQUIPMENT & SERVICES

A & E BLUEPRINTERS, INC.
Washington - 2009 K St., N.W. 338-6220
Silver Spring - 1004 Hipley St. 589-7992
Bethesda - 4914 St. Elmo St. 657-3555
Silver Spring - 2409 Linden Ln. 585-3000
Featuring Excellent Service At Modest Prices • No Minimum Charge • Free Delivery in Metro Area • Night — Weekend — Holiday Service.

KLEIN MODELS
ARCHITECTURAL • PLANT LAYOUT • TOPOGRAPHICAL
9160 BROOKVILLE RD., SILVER SPRING, MD.
PHONE 587-0005

STONE — SLATE
1460 Rockville Pike, Rockville, Md. 20852
"Dealers In Natural Stone"
Flagstone, Building Stone
Jackie Stone Products
424-5444

United Clay
PRODUCTS COMPANY

HEADQUARTERS FOR:
Georgetown Colonial Brick
Aluminum Windows & Doors
Bryant Heating Equipment
Float-Away Folding Closet Doors
Aluminum Sliding Glass Doors
Johns-Manville Building Products
Brick & Building Materials

931 INVESTMENT BUILDING
15TH & STREET, N.W.
WASHINGTON, D.C. 20005
PHONE: 832-8000

Chas. G. STOTT & CO.
OFFICE FURNITURE
Art Metal/Knoll, Jack Cartwright,
Harter, Jens Risom, Kittinger
Lehigh/Leopold, B. L. Marble,
Herman Miller and others.
CARPETING • FABRICS • ACCESSORIES
Nationally famous fine quality brands.
Furniture showrooms
1310 New York Ave., N.W.
Phone 628-4181