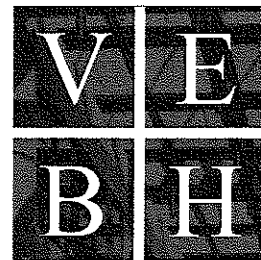




Prepared for the
State of West Virginia
Department of Administration
Purchasing Division

December, 2008

Architectural and Engineering Services
William R. Sharpe, Jr. Hospital
Weston, West Virginia

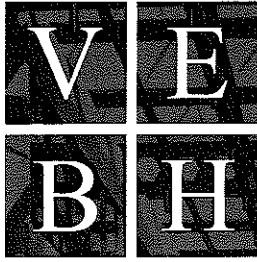


**VALENTOUR ENGLISH
BODNAR & HOWELL**

REGISTERED ARCHITECTS

470 WASHINGTON ROAD
PITTSBURGH, PA 15228

TEL 412.561.7117
FAX 412.561.9025
EMAIL vebh@vebh.com
WEB www.vebh.com



VALENTOUR ENGLISH
BODNAR & HOWELL
REGISTERED ARCHITECTS
PROFESSIONAL CORPORATION
470 WASHINGTON ROAD
PITTSBURGH, PA 15228
TEL 412.561.7117
FAX 412.561.9025
EMAIL vebh@usaor.net

December 3, 2008

Ms. Roberta Wagner
Purchasing Division
2019 Washington Street, East
P. O. Box 50130
Charleston, WV 25305-0130

RE: WSH90086
Architectural / Engineering Services
William R. Sharpe Jr. Hospital

Dear Ms. Wagner:

We are pleased to submit our firm's qualifications to provide Architectural / Engineering services to the William R. Sharpe Jr. Hospital for its anticipated expansion project.

Our firm is currently providing Architectural / Engineering services to 11 hospitals. We are licensed in the state of West Virginia and our experience includes work for Monongalia General Hospital in Morgantown. For your review, we have compiled descriptive material and a list of healthcare projects that illustrates our proposed design team's experience with similar hospital expansion and improvement projects.

In our work, we have developed a strong appreciation and knowledge of the wide range of issues a hospital faces as they improve their facilities. We have a deep understanding of healthcare practices, relevant building codes and the requirements for construction in a healthcare environment.

If you have any questions concerning our firm and/or the accompanying material, please don't hesitate to call.

Thank you for the opportunity to submit our qualifications.

Sincerely,

Robert D. Bodnar, AIA, President
Valentour English Bodnar & Howell, Registered Architects

ROBERT D. BODNAR AIA
PRESIDENT
JAMES D. HOWELL AIA
VICE PRESIDENT
THOMAS F. DURKIN AIA
SECRETARY
STEPHEN A. KURPIEWSKI AIA
TREASURER

LOUIS F. VALENTOUR AIA
WILLIAM F. ENGLISH AIA
SPECIAL ARCHITECTURAL CONSULTANTS

Enclosure



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
 WSH90086

PAGE
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF
 ROBERTA WAGNER
 804-558-0067

RFQ COPY

Valentour English Bodnar & Howell,
 Registered Architects
 470 Washington Road
 Pittsburgh, PA 15228

HEALTH AND HUMAN RESOURCES
 WILLIAM R. SHARPE JR. HOSPITAL
 CENTRAL RECEIVING
 936 SHARPE HOSPITAL ROAD
 WESTON, WV
 26452 304-269-1210

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.C.B.	FREIGHT TERMS
11/03/2008				

BID OPENING DATE: 12/04/2008 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		906-00-00-001		
EXPRESSION OF INTEREST RECEIVED 2008 DEC -4 A 9:30 PURCHASING DIVISION STATE OF WV						
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL ARCHITECTURAL AND ENGINEERING SERVICES TO PREPARE DETAILED SPECIFICATIONS AND DRAWINGS FOR PUBLIC BIDDING THAT WILL INCLUDE DESIGN OF A NEW 25,000 +/- SQUARE FOOT 50 BED PATIENT CARE UNIT AT THE WILLIAM R. SHARPE, JR., HOSPITAL LOCATED IN WESTON, WEST VIRGINIA, PER THE ATTACHED.						
BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT MAY BE DEEMED NULL AND VOID, AND TERMINATED WITHOUT FURTHER ORDER.						
***** THIS IS THE END OF RFQ WSH90086 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE TELEPHONE 412-561-7117 DATE December 3, 2008
 TITLE President FEIN 25-1221110 ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

VENDOR OWING A DEBT TO THE STATE:

West Virginia Code §5A-3-10a provides that: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

West Virginia Code §21-1D-5 provides that: Any solicitation for a public improvement construction contract shall require each vendor that submits a bid for the work to submit at the same time an affidavit that the vendor has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code. A public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the West Virginia Code may take place before their work on the public improvement is begun.

ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

LICENSING:

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit www.state.wv.us/admin/purchase/privacy for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (*West Virginia Code* §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and is in compliance with the requirements as stated.

Vendor's Name: Valentour English Bodnar & Howell, Registered Architects

Authorized Signature:  Date: December 3, 2008



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
WSH90086

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
ROBERTA WAGNER
304-558-0067

RFQ COPY

Valentour English Bodnar & Howell,
 Registered Architects
 470 Washington Road
 Pittsburgh, PA 15228

HEALTH AND HUMAN RESOURCES
 WILLIAM R. SHARPE JR. HOSPITAL
 CENTRAL RECEIVING
 936 SHARPE HOSPITAL ROAD
 WESTON, WV
 26452 304-269-1210

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
11/19/2008				

BID OPENING DATE: 12/04/2008 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 2 1. QUESTIONS AND ANSWERS ATTACHED. 2. ADDENDUM ACKNOWLEDGEMENT IS ATTACHED. THIS DOCUMENT SHOULD BE SIGNED AND RETURNED WITH YOUR BID. FAILURE TO SIGN AND RETURN MAY RESULT IN DISQUALIFICATION OF YOUR BID. EXHIBIT 10 REQUISITION NO.: WSH90086 ADDENDUM ACKNOWLEDGEMENT I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC. ADDENDUM NO.'S: NO. 1 X NO. 2 X NO. 3 NO. 4 NO. 5 I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS. VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY						

SIGNATURE		TELEPHONE 412-561-7117		DATE December 3, 2008
TITLE President	FEIN 25-1221110	ADDRESS CHANGES TO BE NOTED ABOVE		

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
WSH90086

PAGE
2

ADDRESS CORRESPONDENCE TO ATTENTION OF:
ROBERTA WAGNER
304-558-0067


RFQ COPY

Valentour English Bodnar & Howell,
 Registered Architects
 470 Washington Road
 Pittsburgh, PA 15228

HEALTH AND HUMAN RESOURCES
 WILLIAM R. SHARPE JR. HOSPITAL
 CENTRAL RECEIVING
 936 SHARPE HOSPITAL ROAD
 WESTON, WV
 26452 304-269-1210

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
11/19/2008				

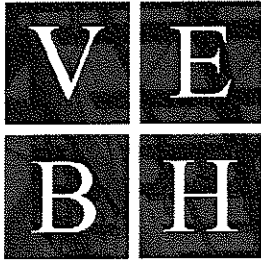
BID OPENING DATE: 12/04/2008 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p style="text-align: center;">  SIGNATURE Valentour English Bodnar & Howell, Registered Architects COMPANY December 3, 2008 DATE </p> <p>REV. 11/96</p> <p style="text-align: center;">END OF ADDENDUM NO. 2</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



VALENTOUR ENGLISH
BODNAR & HOWELL
REGISTERED ARCHITECTS

470 WASHINGTON ROAD
PITTSBURGH, PA 15228

TEL 412.561.7117
FAX 412.561.9025
EMAIL vebh@vebh.com
WEB www.vebh.com



Our Goal: a
straightforward
approach
to design
that provides
clients with
practical
solutions and
facilities that
function for
the long term.



QUALITY ARCHITECTURAL SERVICE FOR 60+ YEARS

Since 1945, our firm has provided quality architectural services from a single office in the South Hills of Pittsburgh. We provide prompt, efficient service to our clients for each of their construction and building maintenance projects. Throughout our history, our goals have remained simple... a straightforward approach to solving our clients' facilities needs... large and small / new construction, additions, renovation and repairs... that function for them for the long term.



Outstanding Service that is Rewarded with Long term Relationships. Our list of clients includes more than ten for whom we have served for a decade or longer. We have completed 58 years of continuous service to St. Clair Hospital.



We are proud of the many healthcare clients with whom we have developed a continuing client relationship:

- St Clair Hospital 58 years
- The Washington Hospital 26 years
- Monongahela Valley Hospital 18 years
- Alle-Kiski Medical Center
(Allegheny Valley Hospital)..... 18 years
- Canonsburg General Hospital 11 years
- Allegheny General Hospital -
Suburban Campus 7 years
- Heritage Valley Beaver 3 years
- Heritage Valley Sewickley..... 3 years



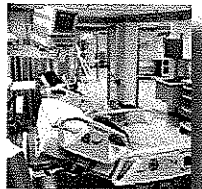
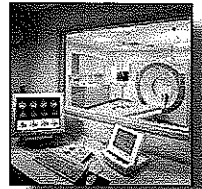
Principals who are Working Architects. An owner of the firm participates in all aspects of each project and communicates regularly with our clients in an effort to meet their needs and objectives.

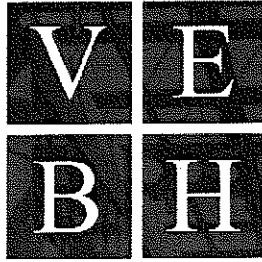


Open Communication as a framework to identify our clients' needs and to provide them with important input in the process of developing effective solutions.



Carefully Prepared Drawings and Specifications, and Attentive Contract Administration to establish and maintain a lasting quality and a life of low maintenance for our clients' facilities.





FULL RANGE OF ARCHITECTURAL SERVICES



In-House Services:

- Feasibility Studies
- Site Evaluation
- Site Development
- Master Planning
- Project Programming
- Schematic Design
- Design Development
- Systems Analysis
- Cost Analysis
- Construction Documents
- Equipment Layouts
- Interior Design
- Bidding & Negotiation
- Construction Contract Administration
- Maintenance Programming
- Agency Review
- Design / Build
- Sustainable Design Capability (LEED)



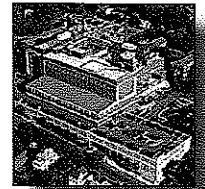
Throughout our long history, Valentour English Bodnar & Howell has provided complete Architectural Services to a wide variety of clientele. Unique in this industry, our relationships with clients extend from the initial planning for a project to beyond its final occupancy, and often times to additional work.

We measure our success by the number of projects we complete for a client rather than the number of clients we serve.

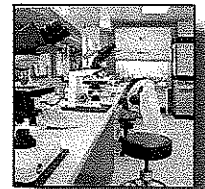
Planning: Beginning in the earliest stages of any project, VEBH Architects seeks design solutions that address short-term goals without losing sight of the long-term impact.



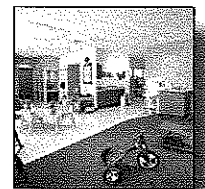
Design: Our firm takes a thoughtful approach to the design process focusing on the needs of our clients. We seek practical architectural solutions that function over time, are easy to maintain, and affordable to implement.



Construction Phase Services: Attentive administration of construction contracts is a vital component of our total service. Our participation in a project through the construction provides a critical quality control measure for our clients' benefit.



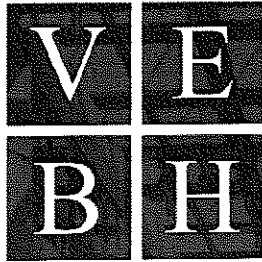
VEBH is intimately familiar with the complexities of construction in a healthcare environment, including the planning for a program of phased construction to assure continued operation, infection control, and acquiring the necessary approvals for projects to proceed.



Full A/E Service: With the support of appropriate and experienced consulting engineers and other design professionals, our firm serves as a single source for the full A/E needs of our clients.



VEBH+ARCHITECTS
VALENTOUR ENGLISH BODNAR & HOWELL, REGISTERED ARCHITECTS
470 WASHINGTON ROAD PITTSBURGH, PA 15228 412-561-7117



STAFF AND CAPABILITIES



Our Professional Staff:

- 8 Registered Architects
- 2 Graduate Architects
- 2 Interior Designers



Valentour English Bodnar & Howell, Registered Architects is purposely sized to maintain control of each project and provide personal service while providing the breadth of abilities from numerous professionals.

We have worked from the same suburban Pittsburgh address since 1950, in a building owned by the firm. Our offices and our technical capabilities have grown to allow us to effectively and efficiently serve our clients' needs.



Staff: Our staff of 19 includes eight Registered Architects and is diversely skilled with experience that has developed while serving a broad range of clientele.

Each of our clients' projects benefits from the full attention of a principal of the firm. Our principals are "working" architects, each with at least 20 years of experience.



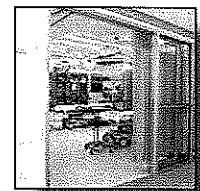
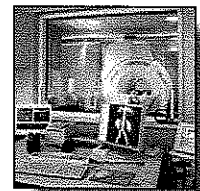
Engineering Design Services: Our clients benefit from the broader scope of the specialized experience that our consulting engineers and site planners have gained working on projects both with our firm and with other design firms.

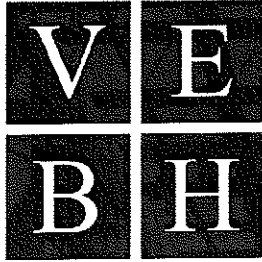


LEED and Sustainable Design: VEBH is capable of delivering services to provide state-of-the-art efficiencies through design and reduction of energy consumption in a finished facility.



Capabilities: VEBH Architects is fully CAD capable and compatible with systems utilized by the consulting professionals necessary to provide full Architectural / Engineering services to our clients.





FIRM PRINCIPALS



A high standard
for quality design
has been
instilled in each
generation
of the firm's
ownership

Founded in 1945 as
Kuhn and Newcomer

1956
Kuhn Newcomer and
Valentour

1973
Johnstone Newcomer &
Valentour

1979
Valentour English &
Associates

1987
Valentour English Bodnar

1997
Valentour English Bodnar
& Howell, Registered
Architects



Robert D. Bodnar, AIA, President

Mr. Bodnar graduated from the University of Notre Dame with the degree of Bachelor of Architecture in 1967. He joined the firm that same year. Mr. Bodnar is a member of the American Institute of Architects, the AIA - Pennsylvania and the Health Executive Forum of Southwestern Pennsylvania.



James D. Howell, AIA, Vice President

Mr. Howell has been with the firm since 1975 and received his Bachelor of Architecture degree from Kent State University. He is a member of the American Institute of Architect, AIA - Pennsylvania and holds a certificate from NCARB. He is also a member of the Council of Education Facilities Planners, International and the Tri-State Area School Study Council.



Stephen A. Kurpiewski, AIA, Treasurer

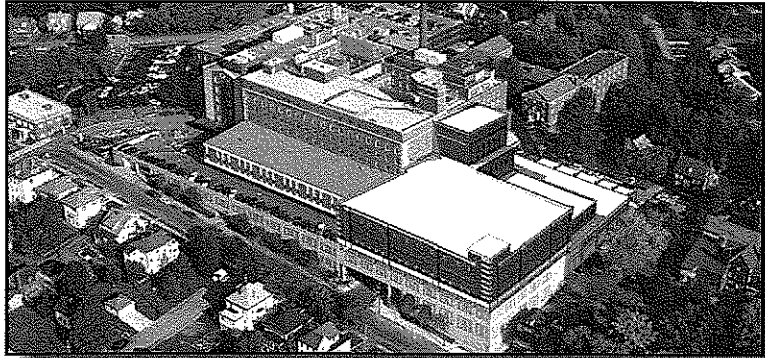
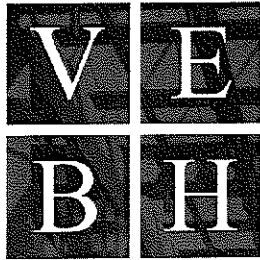
Mr. Kurpiewski graduated with University Honors, receiving a Bachelor of Architecture degree from Carnegie Mellon University in 1975. He joined the firm in 1984. He is a member of the American Institute of Architects, the AIA - Pennsylvania, and holds a certificate from NCARB.



Thomas F. Durkin, AIA, Secretary

Mr. Durkin received his Bachelor of Design in Architecture from the University of Florida in Gainesville in 1977. He joined the firm in 1988. Mr. Durkin is a member of the American Institute of Architects, AIA - Pennsylvania, and holds a certificate from NCARB.





■ ■ **Special Requirements of Healthcare Design**

VEBH Architects has earned a very strong reputation for quality, compliant design work with appropriate regulatory bodies.

We have also become intimately familiar with the infection control standards and inspections, and their impact on a construction schedule.

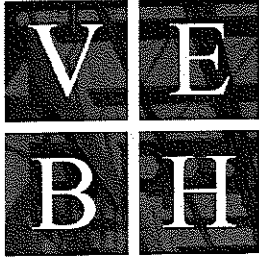
■ ■ **Building on Prior Experience**

Much of the work our firm undertakes involves the renovation of existing spaces for reuse and/or building additions. The need to design logical transitions, circulation patterns and mechanical systems that smoothly integrate the revised or added space makes these projects *more difficult* than new construction. This important perspective is valuable for new facility designs.

We are well versed in developing practical design solutions for accessibility and other life / safety code requirements.

This type of work is considered a specialty of our firm and an especially critical element to the success of implementing healthcare design improvements within a facility's budget and schedule. We have considerable experience planning for a phased construction program to allow facilities to continue to function with a clean and safe environment.





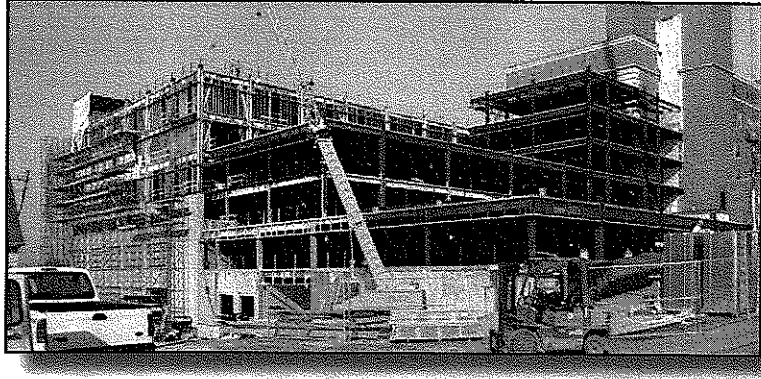
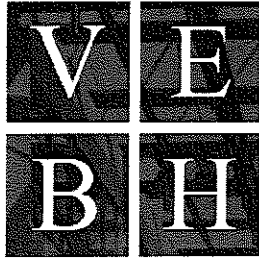
Healthcare Planning

Our recent experience and continuing work has included formal Master Planning efforts for several clients in addition to limited strategic planning to address the impact of specific projects or needs on the adjacent spaces, hospital operations and ultimately patient care.

Each of our healthcare clients utilizes a planning process that works for them and we are involved in varying degrees in the facility planning process with each of our clients. As participants, we offer our input and perspective based upon our many years of experience with hospital clients, the learning we acquire through working in the industry, and continuing education on current trends in healthcare design.

The depth of our involvement with our healthcare clients has created significant experience with long range / master planning issues and developing short-term solutions with long-term vision.





Construction Documents

Our firm's attention to detail serves to minimize complications during construction and reduce Change Orders. Detailed documents result in informed and responsive bids. A bidding process demands such care in the preparation of documents in order to define the standards for construction, the responsibilities of the various contractors, and of course, the quality of finished facility.



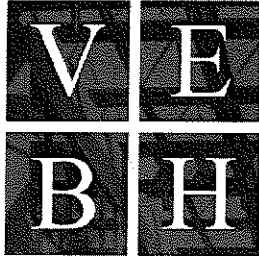
Construction Phase Services

Our firm maintains a significant role during the construction phase as a means of quality control.

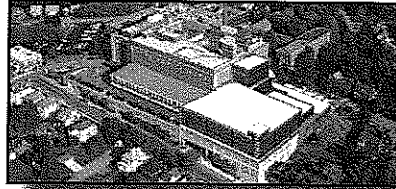
Our responsibilities include a prompt and thorough review of submittals (sample materials, shop drawings, etc.) and regular visits to the site. Our standard for service includes attending construction meetings at the site.

We observe the construction and review contractor payments. We utilize the tools provided to us in the contract documents in an effort to work towards the specified quality of construction.

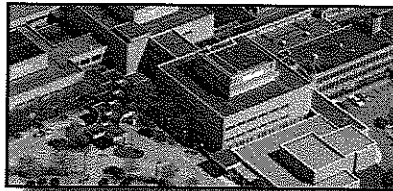




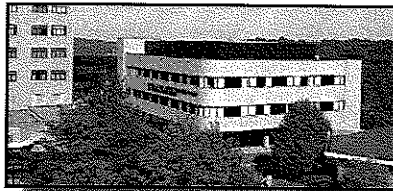
-
- ■ Recent projects similar to the proposed vertical expansion of the William R. Sharpe Jr. Hospital:



The Washington Hospital
2008 Addition and Alterations (under construction)
E Wing Addition
Family Medicine Center Expansion

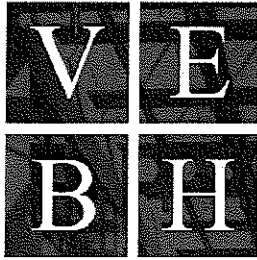


St. Clair Hospital
6E Nursing Unit
Parking Garage Annex Expansion



Monongahela Valley Hospital
Melenzyer Building Vertical Addition



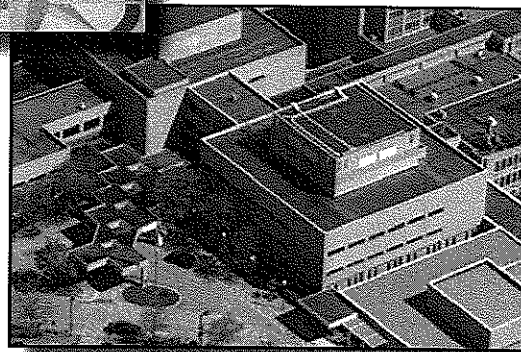


ST. CLAIR HOSPITAL 6E ADDITION / NURSING UNIT

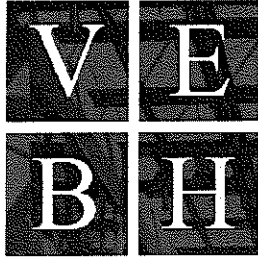


The new 6E Nursing Unit was created in a one-story vertical addition to the Hospital. The new unit provides beds for 21 patients, primarily in single-patient rooms.

Construction of the 6E addition occurred while the lower floors in the E Wing remained in use.



VEBH+ARCHITECTS
VALENTOUR ENGLISH BODNAR & HOWELL, REGISTERED ARCHITECTS
470 WASHINGTON ROAD PITTSBURGH, PA 15228 412-561-7117

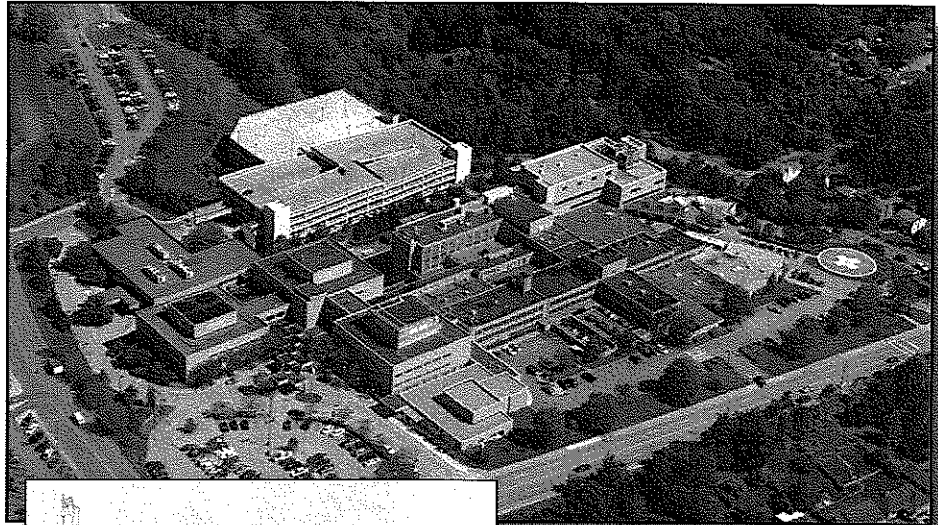


ST. CLAIR HOSPITAL 58 YEARS OF CONTINUOUS SERVICE



Major Hospital Projects and Expansions

- 1950**
Contract Signed October 18
- 1951**
Original Construction Drawings
and Documents Issued
- 1954**
Construction complete.
Original Hospital Opens February 22.
- 1955**
First Addition to the
original Hospital
- 1956**
B - Wing Addition
- 1962**
Original C - Wing Addition
- 1975**
Emergency Department Addition
Parking Garage (465 spaces)
- 1976**
E, F & G Wing Addition
- 1978**
O. R. Addition
- 1986**
Parking Garage Addition (225 spaces)
- 1991**
Cath Lab Addition
- 1992**
Nuclear Medicine / Ultrasound
Addition
- 1993**
Parking Garage Annex (254 spaces)
- 1995**
O. R. Addition
- 1996**
C-Wing Addition
- 1998**
Renovation for The Heart Center
O. R. Addition
- 2003**
6E Vertical Addition
Addition to Parking Garage Annex
(142 spaces)



AERIAL VIEW OF HOSPITAL, 2004

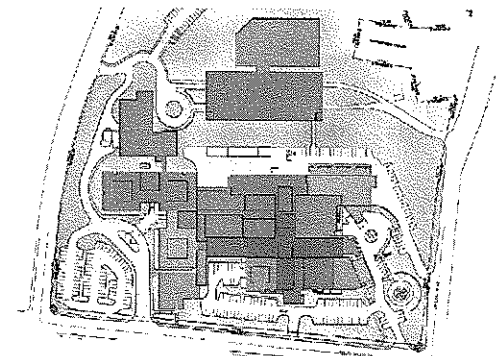


ORIGINAL HOSPITAL BUILDING RENDERING, 1951

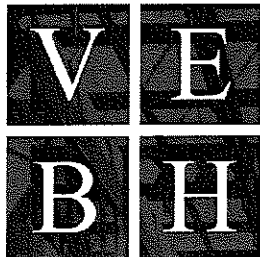
In late October of 1950, this firm's founders signed a contract to design the original St. Clair Hospital building. We have since been a part of each expansion and renovation project.

The original three-story hospital opened in February, 1954 with 56 beds and 73,000 sq. ft of space. It has grown to a facility that now has more than 300 beds, as many as six floors, and more than 579,500 sq. ft. of space.

Projects at St. Clair Hospital have included nine major additions; more than 350 major and minor renovation projects; extensive site improvements; and the construction of a parking garage which was recently expanded for the third time.



VEBH+ARCHITECTS
VALENTOUR ENGLISH BODNAR & HOWELL, REGISTERED ARCHITECTS
470 WASHINGTON ROAD PITTSBURGH, PA 15228 412-561-7117



ST. CLAIR HOSPITAL ADDITIONAL PROJECTS / CONTACT



St. Clair Hospital
1000 Bower Hill Rd.
Pittsburgh, PA
15243

Thomas Ague
Exec. VP of Planning
412-942-4000
ext. 1000

Stephen A. Novicki
Manager, Plant
Operations
412-942-4000
ext. 1570



We have been serving the A/E needs of St. Clair Hospital continuously for more than 58 years including the original Hospital designed in 1951.



Master Planning
Including the most recent plan completed in 2001 that studied and identified several major expansion projects.



Additions to the Main Hospital Facility
Over our long, continuous association with the Hospital, more than 11 additions have increased the Hospital area from 85,000 to more than 585,000 sq. ft., the most significant additions occurring since the 1970's and under the firm's current personnel and leadership.



Most Recent Renovation Projects

- Pharmacy Renovations
- Nursing Unit Renovations
- IMC Suite Alterations and Expansion
- ICU Suite Relocation and Expansion
- Imaging Department Renovations for CT Scanner and MRI
- Endoscopy Renovation and Expansion
- Pediatrics Suite
- 14,000 sq. ft. Heart Center consisting of Two Cardiac Catheterization Labs / Angioplasty Procedure Rooms, Seven-Bed CVSU, Six-Bed CICU, Diagnostics Area, Holter Monitoring, Echo and Stress Echo, and Expansion of Two O.R.'s for Cardiovascular Surgery
- Skilled Nursing Unit / In-Patient Rehab (Split Facility)
- OPSU / Infusion Center
- Wellness Center / Cardiac Rehabilitation
- Central Processing Lab
- Systematic Window Replacement
- Multiple projects to upgrade and improve individual facilities, equipment, and building systems



JCAHO Statement of Conditions
• Represented at all JCAHO facilities inspections



Four Story, 465 Space Parking Garage and Three Additions, 1074 Total Spaces



Site Development and Lighting, including a Helipad



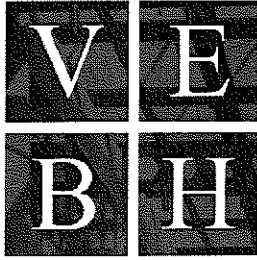
Outpatient Diagnostic Center
• Includes Full Imaging Equipment and Physical Therapy



Additional Off-Site Facilities
• Physicians' Suites
• Senior Care Pharmacy



VEBH+ARCHITECTS
VALENTOUR ENGLISH BODNAR & HOWELL, REGISTERED ARCHITECTS
470 WASHINGTON ROAD PITTSBURGH, PA 15228 412-561-7117



THE WASHINGTON HOSPITAL ADDITIONS AND ALTERATIONS

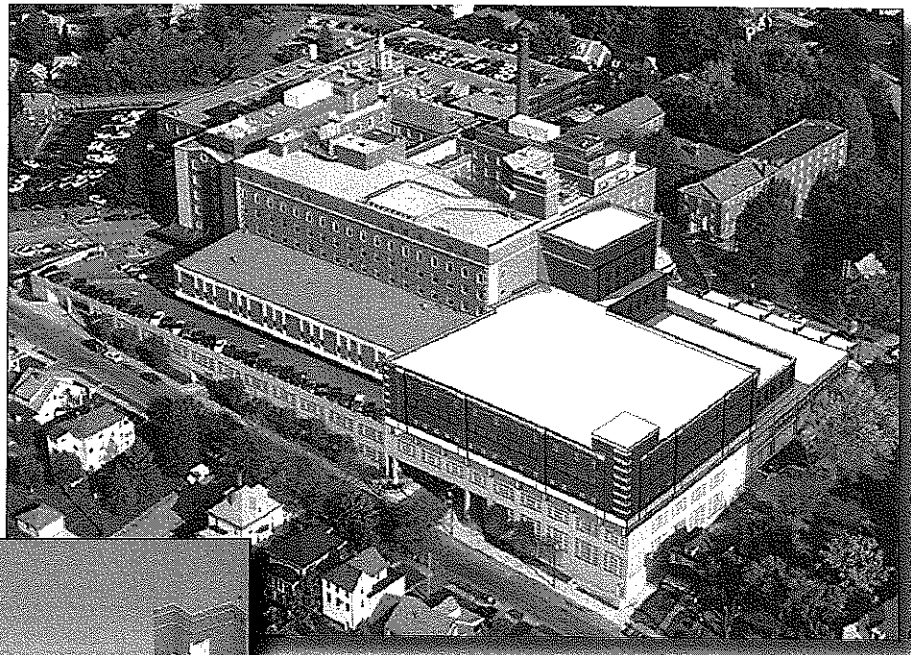


Photo illustration: Camton Design



In-progress June, 2008

A \$64 million expansion and renovation project, now under construction, is the largest expansion in The Washington Hospital's 100+ year history. The 145,500 sq. ft. expansion will create new and expanded facilities to meet the needs of the growing communities within Washington, Southern Allegheny and Greene Counties.

A major portion of the expansion is being construction over an existing parking garage that was designed in an earlier VEBH project to support the vertical addition.

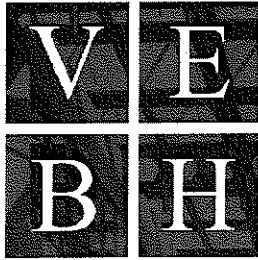
Included in the expansion are:

- A new Emergency Department with 32 Treatment Suites and six Holding Suites
- Four new Operating Rooms
- A new 26-Bed Critical Care Unit
- A relocated Outpatient Services Unit
- A new Storage and Receiving Area
- Additional Parking

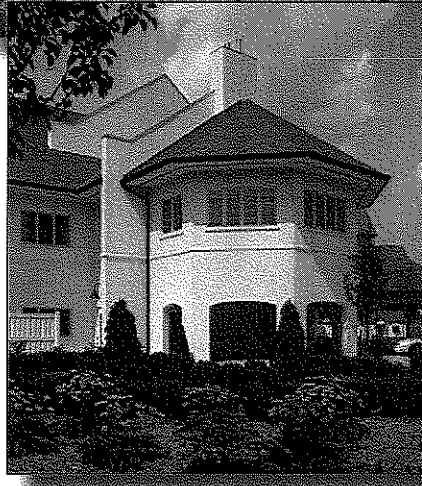
Construction of a parking deck, maintenance garage and generator building was completed prior to the start of the main Hospital expansion.



VEBH+ARCHITECTS
VALENTOUR ENGLISH BODNAR & HOWELL, REGISTERED ARCHITECTS
470 WASHINGTON ROAD PITTSBURGH, PA 15228 412-561-7117



THE WASHINGTON HOSPITAL DONNELL HOUSE - RESIDENTIAL HOSPICE



The Donnell House opened as the only free-standing facility of its type in Western Pennsylvania. It was designed and built to provide comprehensive care and comfort for terminally ill patients and their families. The architectural style for the facility has been adapted from an English country home and, together with the landscape provide a comforting environment.

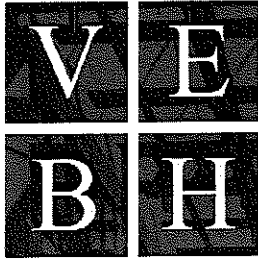
Interior spaces feature private rooms for eight patients, as well as a great room for group activities and family dining, private family rooms, day room, and chapel.



Each patient bedroom has direct access to a covered patio and garden.



VEBH+ARCHITECTS
VALENTOUR ENGLISH BODNAR & HOWELL, REGISTERED ARCHITECTS
470 WASHINGTON ROAD PITTSBURGH, PA 15228 412-561-7117



THE WASHINGTON HOSPITAL ADDITIONAL PROJECTS / CONTACT



**The Washington
Hospital**
155 Wilson Avenue
Washington, PA
15301

Greg Caldwell
Dir. of Maintenance
and Operations
724-223-3618



We have been serving the A/E needs of The Washington Hospital for over 26 years.



\$64 million expansion that would include building additions that add 145,500 sq. ft to the hospital is now under construction.



Additions to the Main Hospital Facility:

- Five-Story, 100,000 sq. ft. E-Wing that includes:
Two Linear Accelerators, Chemotherapy Treatment, Outpatient Registration, ICU, CCU, and O.R Suites, Social Services Department, Community Conference Center, Mobile MRI and an Enclosed Bridge connecting the Hospital and Nursing School Building.
- Four-Story 87,000 sq. ft. Vertical Addition to the E-Wing that includes:
OB/Post-partum/Nursery Unit, Oncology Unit, Cardiac Unit, Two Cardiac Cath Labs and a Roof-top Helipad.
- Computer Center



Renovation Projects

- Central Laboratory
- Morgan Learning Center
- Expansion and Renovation of the Emergency Department
- Renovations for new Endoscopy Suite
- Multiple Nursing Units and Labs
- CT Scan and Special Procedure Areas
- Expansion and Renovation to the Pharmacy
- Relocation and Expansion of Central Sterile, Admissions, Cashier and Security Offices
- Renovations and Expansion of Psychiatric Unit
- Relocation and Renovation of Nuclear Medicine and Ultrasound Depts
- Renovation of Existing OB/Postpartum for LDR / Delivery Suite
- Open Heart Surgery
- Relocation of Cardiac Diagnostic Svcs, Respiratory and Sleep Labs, PT, OT and Speech Therapy
- Subacute Unit (Skilled Nursing)
- Geriatric Psych Unit



Donnell House – Residential Hospice

20,000 sq. ft. freestanding patient care facility and offices the Hospice Care program.



Other Satellite Facilities

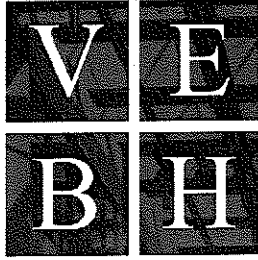
- Neighbor Health Center and three-story addition that includes:
Six O.R.s, Patient Prep / PACU, Central Sterile, Radiology and Lab
- Mobile Lithotripter, Family Practice Center, Breast Center, Pain Management, Physicians' Offices
- Family Practice Centers in Cecil, Avella, Canonsburg, and Bentleyville
- Greene County Medical Office Building
- Occupational Medicine
- Work-Hardening Building
- Alterations to the Cameron Wellness Center



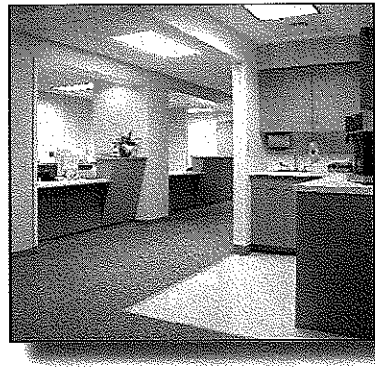
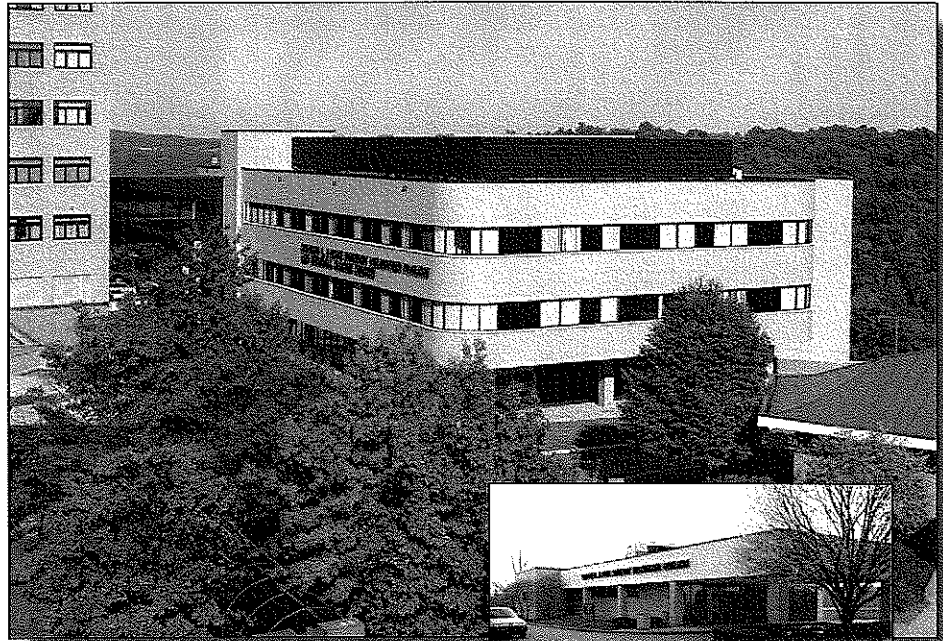
180 Space Parking Garage and 140 Space Addition



VEBH+ARCHITECTS
VALENTOUR ENGLISH BODNAR & HOWELL, REGISTERED ARCHITECTS
470 WASHINGTON ROAD PITTSBURGH, PA 15228 412-561-7117



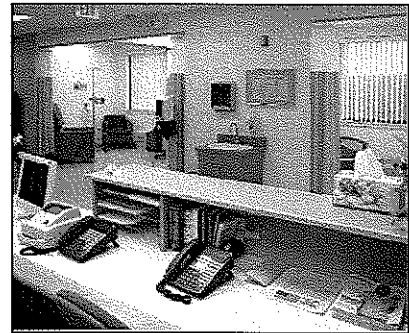
MONONGAHELA VALLEY HOSPITAL MELENYZER PAVILION AND REGIONAL CANCER CENTER



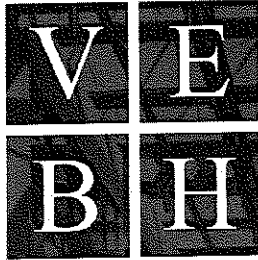
Two stories were added to the Charles L. and Rose Sweeney - Melenyzer Regional Cancer Center to provide additional Oncology diagnostics and treatment space at Monongahela Valley Hospital.

The vertical addition was constructed on an accelerated schedule and while the existing spaces in the building remained in use.

A number of examination and therapy suites were included in the finished space. A portion of the addition was initially unfinished, but later fitted to accommodate the relocation of the Hospital's central laboratory, sleep lab, and several office spaces.

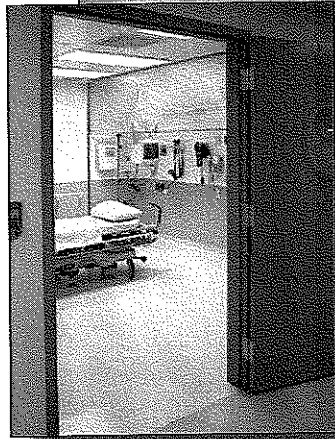
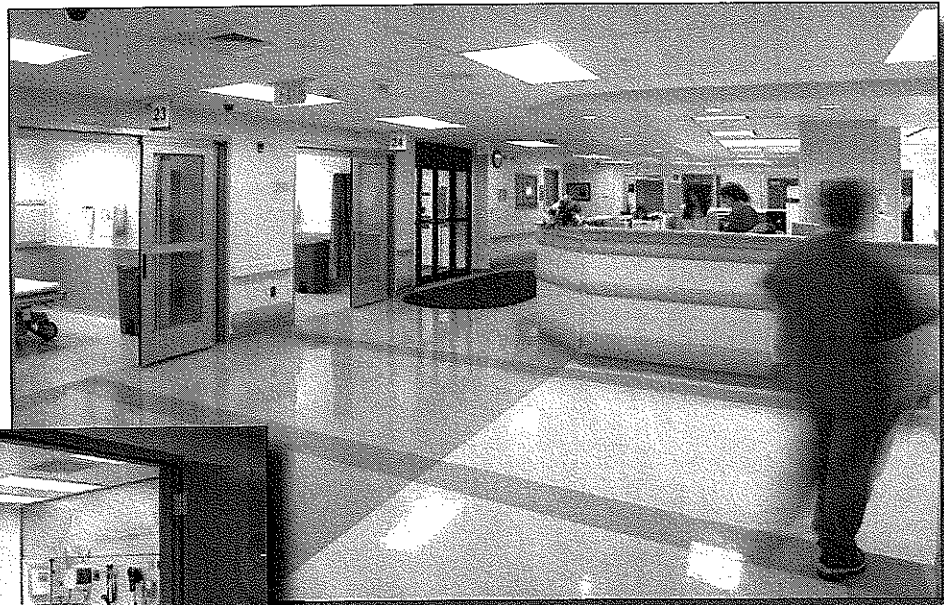


VEBH+ARCHITECTS
VALENTOUR ENGLISH BODNAR & HOWELL, REGISTERED ARCHITECTS
470 WASHINGTON ROAD PITTSBURGH, PA 15228 412-561-7117



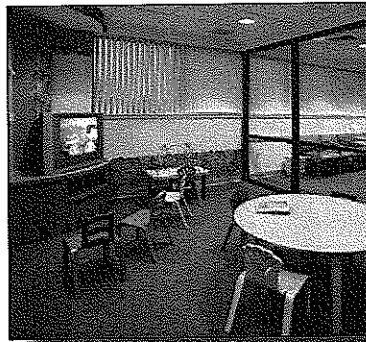
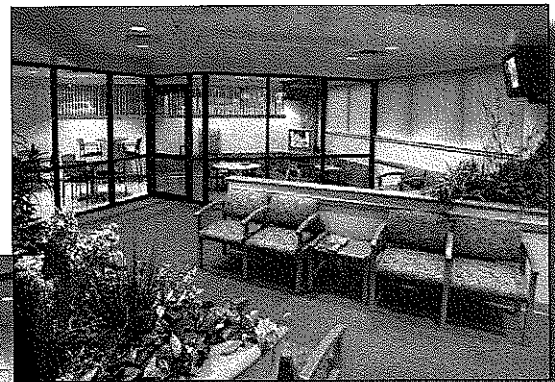
MONONGAHELA VALLEY HOSPITAL EMERGENCY DEPARTMENT EXPANSION

Monongahela Valley Hospital's Emergency Department was expanded by 11,000 sq. ft. to a total of 18,450 sq. ft.



The expansion of the Mon Valley Emergency Department doubled the number of treatment rooms to 24. Careful planning and the relocation of several departments within the Hospital created the space for the expansion, implemented in a multi-phase construction project while the Department continued to function.

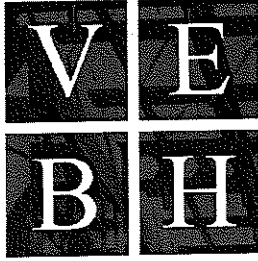
The utilization of a key-operated, roll-down steel door can transform one of the typical treatment suites into a Seculsion Room. The door serves to isolate patients from the medical gases and equipment.



A family-friendly waiting room features a children's play area and cafe-style vending space that are separated from the main seating area by glass walls. The waiting area design utilizes large planters and skylights to brighten the space and add color.



VEBH+ARCHITECTS
VALENTOUR ENGLISH BODNAR & HOWELL, REGISTERED ARCHITECTS
470 WASHINGTON ROAD PITTSBURGH, PA 15228 412-561-7117



MONONGAHELA VALLEY HOSPITAL ADDITIONAL PROJECTS / CONTACTS



**Monongahela
Valley Hospital**
Country Club Road
Monongahela, PA
15063

Mr. Louis Panza
President & CEO
724-258-6060

Mr. Patrick Alberts
Sr. Vice President
724-258-1103



We have been serving the A/E needs of Monongahela Valley Hospital for over 18 years



Two-Story Vertical Addition to Charles L. and Rose Sweeney Melenzyer Regional Cancer Center



Renovation Projects

- Emergency Department Renovations / Expansion
- Relocation of Cardiology
- Relocation of Laboratory
- Alterations for MRI
- Physician's Offices
- New Kitchen/Community Room and Day Care Center
- O.B. Suite
- Critical Care Unit Renovations
- Cardio-Pulmonary Rehabilitation
- Psychiatric Nursing Unit Renovations
- Skilled Nursing Unit
- Heart Cath Suite
- CT Scanner Unit
- Physical Therapy Department Renovation
- Renovations of Medical/Surgical Units
- Renovation of existing space for new In-patient Rehabilitation Unit
- Radiation Therapy Department
- Renovations related to Replacement of Cardiac Cath Lab Equipment



New Physicians' Office Building



JCAHO Statements of Conditions



New Fire Alarm System



Masonry Repair and Window Replacement



Parking Garage Structural Repairs



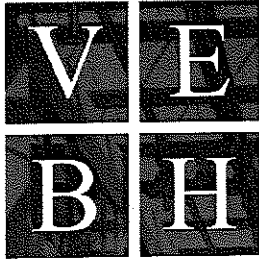
Addition for Engineering and Storage



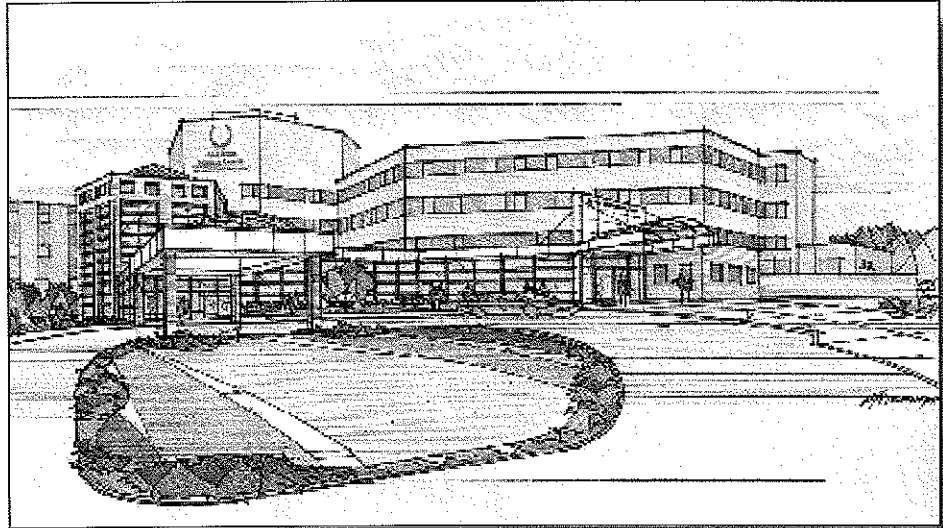
Master Planning



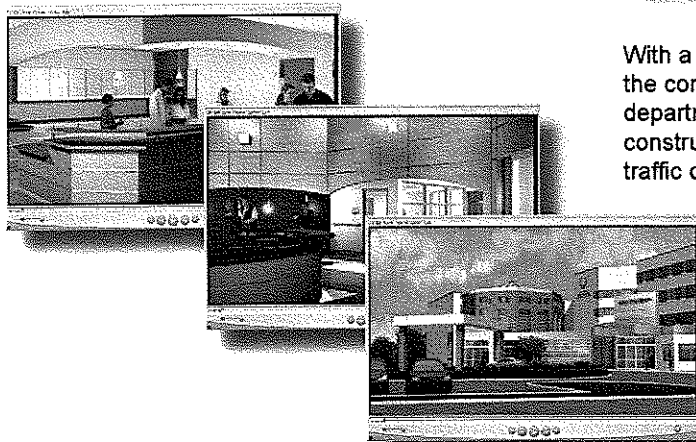
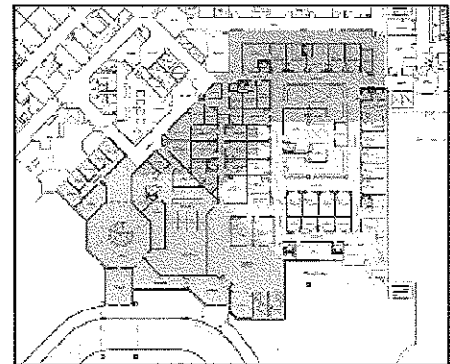
VEBH+ARCHITECTS
VALENTOUR ENGLISH BODNAR & HOWELL, REGISTERED ARCHITECTS
470 WASHINGTON ROAD PITTSBURGH, PA 15228 412-561-7117



ALLE-KISKI MEDICAL CENTER ALLEGHENY VALLEY HOSPITAL EMERGENCY DEPARTMENT EXPANSION



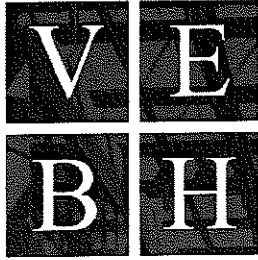
Through the planning and design process for improving the AVH Emergency Department VEBH has developed and evaluated several options for expanding and renovating the facility. Planning occurred during a successful fund raising effort that was aided by diagrams and renderings of proposed design options. Additional fund raising will be aided through the use of a 3-dimensional video tour produced through VEBH to illustrate the project.



With a significant funding now in place, the construction to relocate adjacent departments is underway. The first construction phase to reconfigure the traffic circle at the front of the Hospital was completed to anticipate the building's expansion.



VEBH+ARCHITECTS
VALENTOUR ENGLISH BODNAR & HOWELL, REGISTERED ARCHITECTS
470 WASHINGTON ROAD PITTSBURGH, PA 15228 412-561-7117



ALLE-KISKI MEDICAL CENTER / AVH ADDITIONAL PROJECTS / CONTACT



**Alle-Kiski Medical
Center / Allegheny
Valley Hospital**
1301 Carlisle Street
Natrona Hts, PA
15065

Michael Gross
Dir. Support Services
724-226-7350



We have been serving the A/E needs of Alle-Kiski Medical Center for over 18 years.



Emergency Department Expansion and the relocation of Endoscopy and Special Procedures



Additions to the Main Hospital Facility

- 10,000 sq. ft. Addition including new Pharmacy and Conference Center
- 10,000 sq. ft. Addition for Chemotherapy, O.R. and Central Sterile Storage



Renovation Projects

- Alterations for a 2nd CT Scanner
- Relocation and Expansion totaling 20,000 sq. ft. including PACU, Outpatient Surgery, Endoscopy and Special Procedures, Ambulatory Care, and Social Services
- In-patient Rehab Unit
- Labor / Delivery / Nursery Suites
- Isolation Rooms
- Expansion of Outpatient PT
- Radiology Waiting / Reception
- Expansion of Medical Records
- Cardiac Rehabilitation Unit
- Expansion of Occupational Medicine
- Pediatrics, EEG/Sleep Lab, and Lab Waiting / Reception
- Two Nursing Units
- Conversion to Skilled Nursing Unit



Feasibility Study for New Building to house Administration, Medical Records Laundry and Maintenance, Outpatient PT, 20,000 sq. ft. of Physician's Offices



Feasibility Study for Replacement of Cardiac Cath Lab Equipment



Satellite PT Facility



Master Facility Plan



ADA Compliance



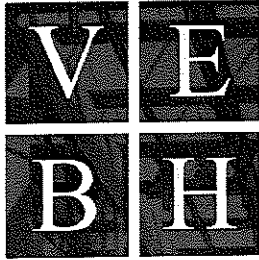
Parking Garage Restoration



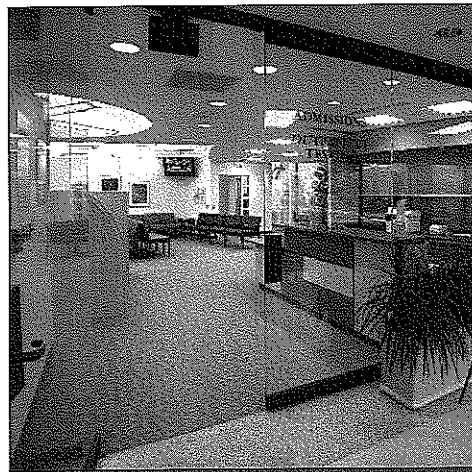
Services related to merger of AVH with Citizen's General Hospital, and the formation of the Alle-Kiski Medical Center



VEBH+ARCHITECTS
VALENTOUR ENGLISH BODNAR & HOWELL, REGISTERED ARCHITECTS
470 WASHINGTON ROAD PITTSBURGH, PA 15228 412-561-7117

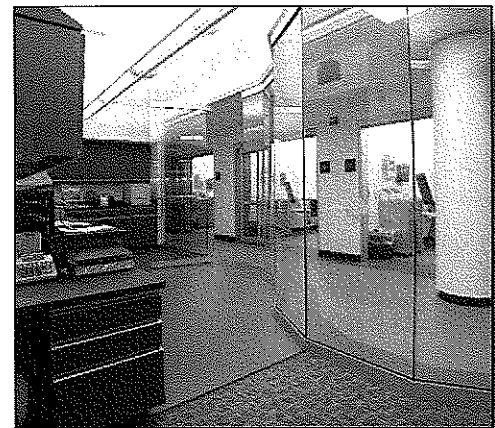


HERITAGE VALLEY BEAVER OUTPATIENT TESTING AND REGISTRATION

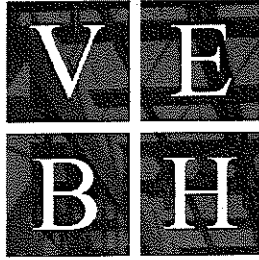


The use of full floor-to-ceiling glass panels provide a pleasing compromise to the competing demands of patient privacy and visibility at the new Outpatient Testing and Registration area at The Medical Center, Beaver.

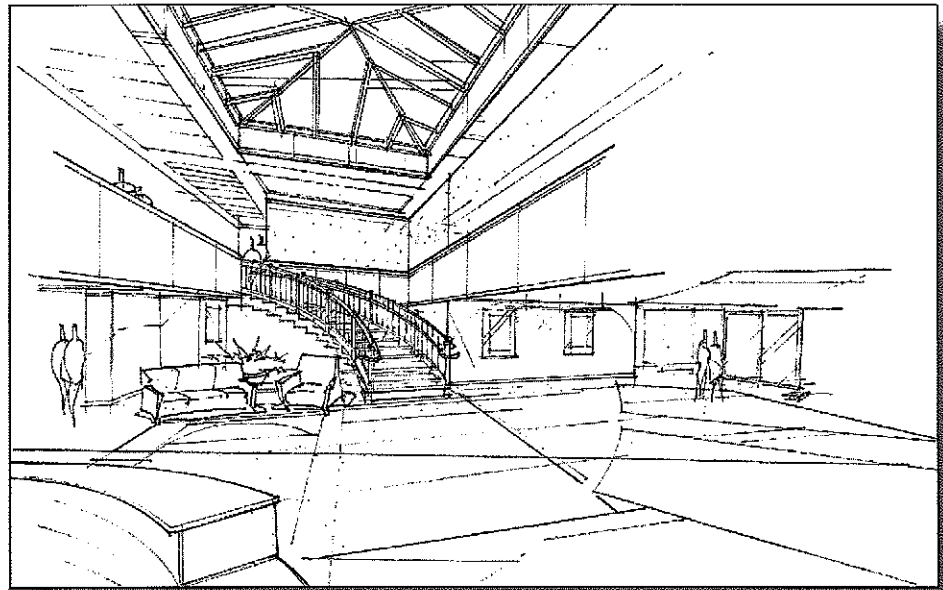
The panels separate the registration and lab work space from the patient access corridors. Panels also provide privacy at each of the the four registration stations.



VEBH+ARCHITECTS
VALENTOUR ENGLISH BODNAR & HOWELL, REGISTERED ARCHITECTS
470 WASHINGTON ROAD PITTSBURGH, PA 15228 412-561-7117

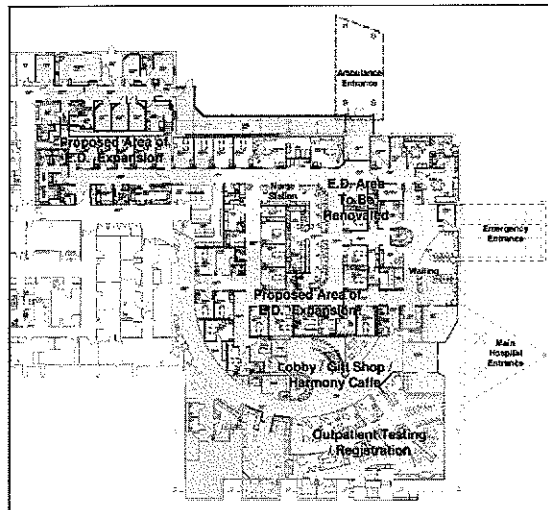


HERITAGE VALLEY SEWICKLEY EMERGENCY DEPARTMENT



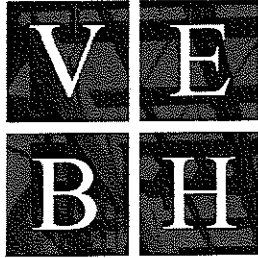
The Emergency Department expansion project at HVS will complete the Lobby renovations that will include a monumenal staircase and skylight.

The expansion of the Emergency Department will nearly triple the existing size and result in 25 private beds. Multiple isolation rooms and a decontamination room will be introduced to the Hospital with the project's construction.



The waiting area in the new Emergency Department will significantly expand from the current size. "Austin's Room", a children's play area will be included in the waiting area along with





HERITAGE VALLEY SEWICKLEY AND HERITAGE VALLEY BEAVER



Since beginning service to the Heritage Valley Healthcare System in September 2004, VEB&H has undertaken multiple projects at the System's two Hospitals and other satellite facilities.

**Heritage Valley
Sewickley**
720 Blackburn Road
Sewickley, PA 15143

**Heritage Valley
Beaver**
1000 Dutchridge Road
Beaver, PA 15009

Mr. Bob Skoff
System Director,
Engineering
412-749-7090



Heritage Valley Sewickley

Completed Projects

- * Alterations to Nurse Stations
- * Relocation of the Gift Shop
- * Relocation and Expansion of Outpatient Testing and Registration

Projects in-progress

- * Emergency Department Renovations / Expansion



Heritage Valley Beaver

Completed Projects

- * Relocation of Outpatient Testing and Registration
- * Relocation of Gift Shop
- * New Nurse Station on 2C and 3C



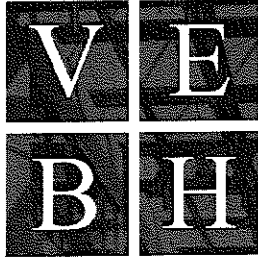
**Alterations to create an Outpatient Imaging Center at the
Family Practice Center - Moon Township**



**Relocation of the Stoughton Clinic and Outpatient Physical
Therapy to 1 Edgeworth Square.**



VEBH+ARCHITECTS
VALENTOUR ENGLISH BODNAR & HOWELL, REGISTERED ARCHITECTS
470 WASHINGTON ROAD PITTSBURGH, PA 15228 412-561-7117



SHARON REGIONAL HEALTH SYSTEM NEW OUTPATIENT DIAGNOSTIC & IMAGING CENTER



**Sharon Regional
Health System**
740 East State St.
Sharon, PA
16146

Mr. Jack Janoso
Vice President / CIO
724.983.3859



Sharon Regional Health System's new, Outpatient Care Facility was designed to provide advanced diagnostic services in a single, well-organized, and convenient location. The Center was built within Sharon Regional Medical Park, a grouping of the outpatient facilities in Hermitage.



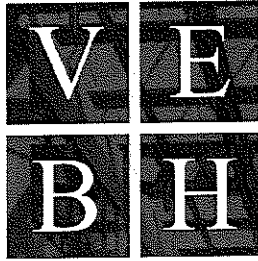
The Center is addressing needs defined by Sharon Regional Health System and includes CT and MRI equipment as part of a full imaging department; a Women's Health Center; and laboratory and blood draw facilities.



A conferencing space within the Center facilitates educational programs offered by the Health System as well as other professional advancement and community programs.



VEBH+ARCHITECTS
VALENTOUR ENGLISH BODNAR & HOWELL, REGISTERED ARCHITECTS
470 WASHINGTON ROAD PITTSBURGH, PA 15228 412-561-7117

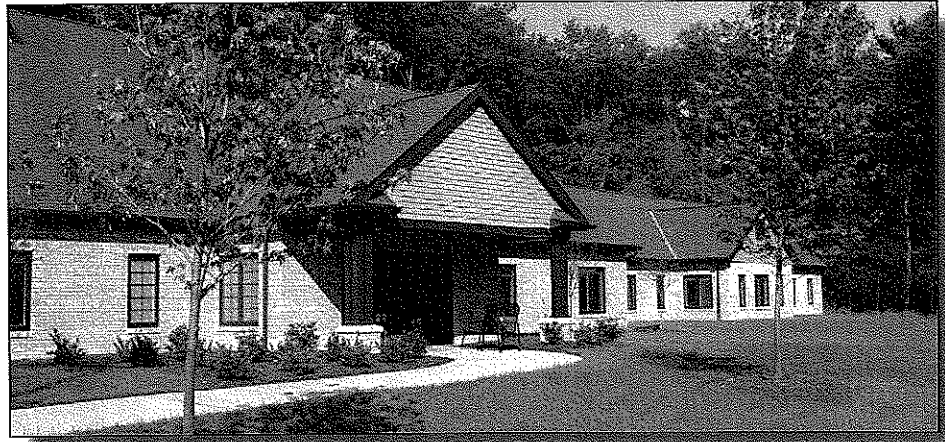


MENTAL HEALTH ASSOC. OF WASHINGTON COUNTY

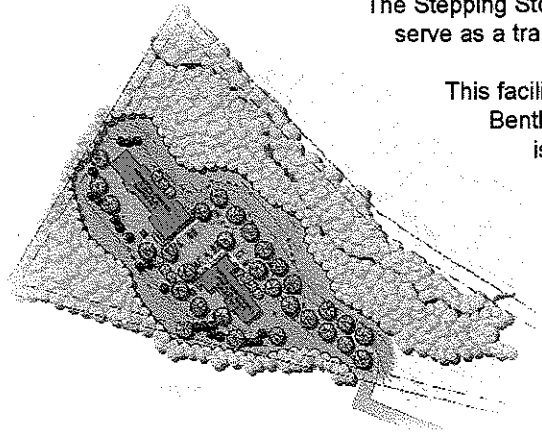


**Mental Health
Association of
Washington County**
15 S. College Street
Washington, PA
15301

Ms. Lynne Loesch
Director
724.225.2061



The Stepping Stone was designed to
serve as a transitional living facility.



This facility is located in
Bentleyville Pennsylvania and
is accompanied by a
second building that serves
as an enhanced personal
care home for older
persons.

The two facilities were
designed to house
a total of 28 residents and
to relocate the Association's
residential facilities to a more private,
rural location within Bentleyville.



VEBH+ARCHITECTS
VALENTOUR ENGLISH BODNAR & HOWELL, REGISTERED ARCHITECTS
470 WASHINGTON ROAD PITTSBURGH, PA 15228 412-561-7117



Robert D. Bodnar, AIA

PRINCIPAL IN CHARGE

Firm President since 1999

Experience 40 Years
Education Bachelor of Design in Architecture - University of Notre Dame - 1967

Professional Affiliations
American Institute of Architects
American Institute of Architects - Pennsylvania
Health Executive Forum of Southwestern Pennsylvania

Recent and Major Project Experience

THE WASHINGTON HOSPITAL

Mr. Bodnar has personally served the needs of The Washington Hospital for more than two decades.



Additions and Alterations

A \$57 million expansion, currently under construction, will provide 130,000 sq. ft. of new and renovated space for the Hospital. In addition of new ORs, the addition will provide a new Emergency Department.



Donnell House, Residential Hospice

This freestanding facility near the hospital provides an important service to the Hospital and its cancer patients. Donnell House, when dedicated, was the only freestanding facility of its type in Southwestern Pennsylvania.



Emergency Department Alterations

A separate Express Care area was created in this project. The existing treatment areas were resized to meet today's standards and to better accommodate equipment, circulation and patient privacy.

E-Wing, E-Wing Addition, and Parking Garage

87, 000 Sq. Ft., including Nursing Units for Cardiac Care, OB, and Oncology along with Cardiac Cath Lab Suite and Roof-top Helipad. The four story vertical addition atop the E-Wing was constructed while the lower floors of the original E-Wing addition remained in use, including its operating suites.



ST. CLAIR HOSPITAL

Since the mid 1970's, Mr. Bodnar has lead our total service to the hospital, including the planning, design and regulatory aspects of multiple expansion projects, a long series of renovations and facility upgrades. He has been involved in multiple Master Planning efforts, including one completed in 2001 which identified multiple expansion projects.



Out Patient Service Center at 2000 Oxford

The 18,000 sq. ft. facility occupies the first floor of the 2000 Oxford Building and provides outpatient and diagnostic services. Its largest component is a Medical Imaging Department with an MRI and CT scanner, Ultrasound, Mammography and Bone Density measurement equipment.



6E Addition

13,500 Sq. Ft. vertical addition to the hospital E-Wing provided space for a new nursing unit. The project was constructed while the floors under the addition remained in-use.

Parking Garage Annex Addition.

More than 140 parking spaces were added with the addition of two levels to the Hospital's Parking Garage Annex.



Heart Center

15,000 Sq. Ft. facility for comprehensive cardiac care facility that includes Cath Labs, CVSU, CVOR Expansion and Support Spaces.

Three O. R. Additions for a total of nine O.R.s, most recent complete in 1998

C-Wing Addition

This eight story, 72,000 Sq. Ft. C-Wing Addition houses several major hospital departments, including Emergency Department, Family Birth Center, and Psychiatric Unit as well as mechanical equipment that services the remaining Hospital.

D:\01\Working\Proc\12.01.2000\101116C\lastier.C



Robert D. Bodnar, AIA

CONTINUED



MONONGAHELA VALLEY HOSPITAL

Emergency Department Alterations and Expansion

Construction is complete for this project to expand the Emergency Department. Multiple phases for the construction were devised to allow continued use of the facility without relocating any of its services.



Addition to Melenzyer Regional Cancer Center.

Two floors were added to the existing three story building to expand the cancer diagnostics and treatment facilities at the hospital.



Bridge to connect Hospital and Melenzyer Pavilion

A bridge on the third level accommodates foot traffic. It also links the two buildings with a new pneumatic tube system.



Laboratory Relocation

The Hospital's Central Laboratory was relocated to shell space on the third floor of the Melenzyer Pavilion. The relocation freed space to expand the Emergency Department and provide a new, larger laboratory organized to create a safe, productive workspace.

Alterations to Relocate Cardiology

The relocation of the Cardiology freed space to expand the Emergency Department

Renovations to Various Nursing Units.

This series of renovation projects created a brighter, more colorful environment, a spaces more conducive to healing.



CANONSBURG GENERAL HOSPITAL

Cardiac Rehabilitation Addition

This combined facility served the Cardiac Rehabilitation and Physical Therapy Departments.

LIFECARE HOSPITALS OF PITTSBURGH

Long Term Acute Care Hospital with AGH/Suburban Campus

This approximately 25,000 sq. ft. 'hospital within a hospital' provides 41 patient beds to serve those in a medically stable condition, but still requiring observation and care. Construction was recently completed.



ALLE-KISKI MEDICAL CENTER (Allegheny Valley Hospital)

Emergency Department Addition and Expansion

This project will more than double the size of the Emergency Department and provide 24 private beds. It will also include a new main entrance for the Hospital. The project has been planned to be implemented in six construction phases without ever closing the Department.



Alterations to Relocate Endoscopy

The relocation of the Endoscopy Department will create space to expand the Hospital's Emergency Department.

Alterations for a 2nd CT Scanner



SHARON REGIONAL HEALTH SYSTEM

Outpatient Imaging and Diagnostic Center

This freestanding building was designed to provide multiple diagnostic services, a full imaging department, and woman's health center. The facility also includes space for community education and meetings.



Stephen A. Kurpiewski, AIA

PRINCIPAL / PROJECT ARCHITECT

Firm Treasurer since 1996

Experience 29 Years
Education Bachelor of Architecture, Carnegie Mellon University – 1975

Professional Affiliations
American Institute of Architects
American Institute of Architects – Pennsylvania
National Council of Architectural Registration Boards

Recent and Major Project Experience

ST. CLAIR HOSPITAL



6E Addition

13,500 Sq. Ft. vertical addition to the hospital E-Wing provided space for a new nursing unit. The project was constructed while the floors under the addition remained in-use.

Outpatient Center at 2000 Oxford



The 18,000 sq. ft. facility occupies the first floor of the 2000 Oxford Building and provides outpatient and diagnostic services. Its largest component is a Medical Imaging Department with an MRI and CT scanner, Ultrasound, Mammography and Bone Density measurement equipment.

Physicians' Offices / Outpatient Center

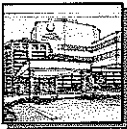
Medical offices for Fatigati / Nalin in a Bridgeville shopping center were designed as a renovation project to a vacant storefront tenant space.

Parking Garage Annex Addition.

More than 140 parking spaces were added with the addition of two levels to the Hospital's Parking Garage Annex.

C-Wing Addition

This eight story addition to the existing C-Wing included a new Emergency Department, Family Birth Center and Psychiatric nursing unit, as well as a new Chiller Plant to service the entire hospital.



ALLE-KISKI MEDICAL CENTER (Allegheny Valley Hospital)

Emergency Department Addition and Expansion

This project will more than double the size of the Emergency Department and provide 24 private beds. It will also include a new main entrance for the Hospital. The project has been planned to be implemented in six construction phases without ever closing the Department.



THE WASHINGTON HOSPITAL

Donnell House Residential Hospice

This 20,000 sq. ft. facility serves the Hospital's expanding hospice care program. When it opened, it was the only freestanding facility of its kind in Western Pennsylvania. Mr. Kurpiewski was the Design and Project Architect for this project.



Multiple Family Practice Centers

Satellite facilities in Washington, Cecil, Waynesburg and Avella provide services for the communities served by The Washington Hospital. The Washington facility was expanded vertically.

MONONGALIA GENERAL HOSPITAL

Alterations and Expansion of ICU

The renovation project is expanded the existing facility to a 10 bed suite by capturing underutilized space in an area adjacent to the existing suite.



Stephen A. Kurpiewski, AIA

CONTINUED



SOUTHWESTERN ENDOSCOPY CENTER

The project entailed renovations to expand the clinical practice of the Center to a vacant floor below their existing space in Uniontown, PA. The design worked to provide privacy for patients while still maintaining important visibility



HERITAGE VALLEY BEAVER

Gift Shop and Lobby Renovations

The renovation of these areas provided a new, more welcoming environment for patients and visitors. Full height, floor to ceiling glass panels open the space visually in addition to providing



Outpatient Testing and Registration

This relocated and expanded facility offers a variety of diagnostic testing and lab work at an easy-to-access location at the main entrance to the Hospital. The design for the Registration area incorporated a new self-registration system instituted by the Heritage Valley Health System.



HERITAGE VALLEY SEWICKLEY

Lobby, Gift Shop, and Snack Shop Renovations

In anticipation of the expansion of the Emergency Department the Hospital Lobby and support spaces were renovated and reconfigured in the architectural style of the Sewickley community.

Renovation to Relocate Outpatient Testing and Registration

The relocation of these departments near the Hospital's main entrance added convenience for patients by consolidating and streamlining services in a well-organized, comfortably designed area.

Emergency Department Expansion

This project is now under construction. In preparation, the relocation and renovation of adjacent departments and the Hospital lobby freed space for the ED expansion. The multi-phase construction project will result in 25 private beds and a new waiting area.

Imaging Center

A new Imaging Center was designed for the Hospital's Moon Township satellite facility.



THE UNIONTOWN HOSPITAL

Addition for Open MRI

This new addition expanded the MRI facility completed in 1999.

MRI Facility

This addition and renovation project utilizes light and color to create a comfortable facility for the Hospital's patients. A large skylight over the MRI magnet counters the enclosed nature of the equipment.

Multiple Renovation Projects

Work was completed on a series of renovations to nurse stations and various departments in the Hospital.



SOUTH HILLS MAGNETIC IMAGING INSTITUTE,

The design for this freestanding building provides a transition from a series of retail buildings and a residential neighborhood.



Thomas C. Stanko, AIA

PROJECT ARCHITECT

Experience 17 Years
Education Bachelor of Science in Architecture - Kent State University - 1991

Professional Affiliations
American Institute of Architects
American Institute of Architects - Pennsylvania

Recent and Major Project Experience

MONONGAHELA VALLEY HOSPITAL



Emergency Department Alterations and Expansion

Construction was recently completed on the expansion of the Emergency Department. Multiple phases for the construction were devised to allow continued use of the facility without relocating any of its services during construction.



Addition to Melenzyer Regional Cancer Center.

Two floors were added to the existing three story building to expand the cancer diagnostics and treatment facilities at the hospital.

CT and Engineering Addition



Laboratory Relocation

The Hospital's Central Laboratory was relocated to shell space on the third floor of the Melenzyer Pavilion.

Bridge to connect Hospital and Melenzyer Pavilion

A bridge on the third level accommodates foot traffic and links the two buildings with a new pneumatic tube system.



Renovation / Expansion of Medical Imaging Areas

Multiple projects initially improved and later expanded the Medical Imaging areas of the Hospital. Both MRI and CT Scanner installations have been included in these projects.

Nursing Unit Renovation Projects

Over several years, the renovation of several Nursing Units provided updated interior finishes, infrastructural improvements at the Hospital.



ST. CLAIR HOSPITAL

ICU on 4D

Renovations were designed to convert existing space to a 12-bed Intensive Care Unit.

6E Addition

13,500 Sq. Ft. vertical addition to the hospital E-Wing provided space for a new nursing unit. The project was constructed while the floors under the addition remained in-use.



Mt. Lebanon Surgical Center

Currently under construction, this renovation project will expand the Surgical Center.

Pediatrics Suite

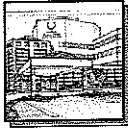
This renovation project relocated the hospital's pediatric care unit.

Various Nursing Unit Renovation Projects



Thomas C. Stanko, AIA

CONTINUED



ALLE-KISKI MEDICAL CENTER (Allegheny Valley Hospital)

Emergency Department Addition and Expansion

This project will more than double the size of the Emergency Department and provide 24 private beds. It will also include a new main entrance for the Hospital. The project has been planned to be implemented in six construction phases without ever closing the Department.



HERITAGE VALLEY SEWICKLEY

Emergency Department Expansion

This project is beginning designed while the design and construction of other relocation and renovation projects free space for at the Hospital.

Lobby, Gift Shop, and Snack Shop Renovations

In anticipation of the expansion of the Emergency Department the Hospital Lobby and support spaces were renovated and reconfigured in the architectural style of the Sewickley community.

Renovation to Relocate Outpatient Testing and Registration

The relocation of these departments near the Hospital's main entrance added convenience for patients by consolidating and streamlining services in a well-organized, comfortably designed area.

Outpatient Imaging Center

A new Imaging Center was designed for the Hospital's Moon Township satellite facility. The area includes Mammography, Ultrasound, X-Ray, Fluoroscopy and Bone Density.



HERITAGE VALLEY BEAVER

Alterations to Lobby and Gift Shop

This project grew out of the need to free space for the Expansion of the Emergency Department.

Outpatient Testing and Registration

This relocated and expanded facility offers a variety of diagnostic testing and lab services at an easy-to-access location at the main entrance to the Hospital. The design for the Registration area incorporated a new self-registration system instituted by the Heritage Valley Health System.



Multiple Nurse Station Renovation

ARMSTRONG COUNTY MEMORIAL HOSPITAL

Emergency Department Addition and Renovation

The newly renovated Emergency Department has increased patient capacity with new and renovated treatment and examination rooms and more support space.



PUBLIC LIBRARY OF STEUBENVILLE AND JEFFERSON COUNTY

Study and Site Design for Improvements to Adjacent Properties

Our study included four property parcels and various options for improvements. Construction was completed on one of four options developed for the Library.



VOLPATT CONSTRUCTION NEW HEADQUARTERS BUILDING

This new building contains the corporate offices of Volpatt Construction.



**H.F. LENZ
COMPANY**

**Johnstown
Headquarters**
1407 Scalp Avenue
Johnstown, PA 15904
Phone: 814-269-9300
Fax: 814-269-9301

Steven J. Gridley, P.E.

Principal-in-Charge of MEP Engineering

Mr. Gridley is responsible for the master planning and design of health care facilities, college and university facilities, industrial facilities, data operations centers, commercial office buildings, utility systems, and renovation/retrofit of historic buildings for private, public, and governmental agencies. He is experienced in the design of chilled water, steam, hot water, refrigeration, air distribution, heat recovery and control systems, uninterruptible power supplies, underground power distribution systems, and interior building distribution systems of all types including building lighting, building security and surveillance, fire protection, normal and emergency power distribution, communication systems, and computer power systems. His health care experience includes:

Ruby Memorial Hospital
West Virginia University Hospitals
Morgantown, West Virginia
176,000 sq.ft. addition and 47,000 sq.ft. renovation, the project included a new boiler/chiller plant to serve 878,000 sq.ft. of clinical space

Jefferson Memorial Hospital
West Virginia University Hospitals
Ranson, West Virginia
Various renovations and additions

Martinsburg Medical Office Building
Martinsburg, West Virginia
New medical office building

Hamot Medical Center
Erie, Pennsylvania
*- New Heart Institute
- Millennium Project including new operating rooms, and emergency room expansion
- New 9,800 square foot Outpatient Facility*

UPMC Lee Regional
Johnstown, Pennsylvania
New 105,000 sq.ft. patient care facility

Altoona Hospital
Altoona, Pennsylvania
New 153,000 sq.ft. outpatient services tower

Veterans Affairs Medical Center - Oakland
Pittsburgh, Pennsylvania
New four-story clinical, education, and outpatient addition and renovation of five floors

Good Samaritan Medical Center
Johnstown, Pennsylvania
Emergency Department renovation, New pain clinic, and New Urgi-Care Center

Balanced Care Corporation - Various sites including: Martinsburg, WV; PA; VA; OH; and FL - *New assisted living facilities ranging from 31,000 sq.ft. to 36,000 sq.ft. with 60- to 66-beds each*

Education

Bachelor of Science, Architectural Engineering, 1979, Pennsylvania State University

Experience

H.F. Lenz Company 1979 - Present

Professional Registration / Certification

Licensed Professional Engineer in West Virginia • Pennsylvania • Alabama • Arkansas • Arizona • California • Colorado • Connecticut • Florida • Georgia • Illinois • Indiana • Kansas • Kentucky • Louisiana • Maine • Maryland • Michigan • Minnesota • Mississippi • New Jersey • New Mexico • New York • Nevada • North Carolina • Ohio • Oklahoma • Oregon • Rhode Island • South Carolina • Tennessee • Texas • Utah • Virginia • Washington • Wisconsin

Professional Achievements and Affiliations

First Place, 1987 ASHRAE International Energy Award • National Society of Professional Engineers • Pennsylvania Society of Professional Engineers • Professional Engineers in Private Practice • American Society of Heating, Refrigerating and Air-Conditioning Engineers • Building Officials Code Administrators International • National Fire Protection Association



**H.F. LENZ
COMPANY**

Johnstown
Headquarters
1407 Scalp Avenue
Johnstown, PA 15904
Phone: 814-269-9300
Fax: 814-269-9301

Joel C. Shumaker, P.E.

Electrical Engineer and LEED™ Accredited Professional

As Project Manager, Mr. Shumaker is responsible for client contact; project scheduling; preparation of reports and cost estimates; coordination and supervision of project design teams; and other project management functions. He is experienced in the design of electrical systems for both new buildings and building retrofits for health care, educational, commercial, government, industrial, residential, and utility-related facilities. Mr. Shumaker is experienced in the design of power distribution systems; emergency power systems and monitoring; uninterruptible power supplies; fire alarm, nurse call, security, sound, and telephone systems; and lighting and emergency lighting systems. His project experience includes:

Ruby Memorial Hospital
West Virginia University Hospitals
Morgantown, West Virginia
176,000 sq.ft. addition and 47,000 sq.ft. renovation, included new boiler/chiller plant

Jefferson Memorial Hospital
West Virginia University Hospitals
Ranson, West Virginia
Various renovations and additions

Altoona Hospital
Altoona, Pennsylvania
New 153,000 sq.ft. outpatient services tower

Veterans Affairs Medical Center
Philadelphia, Pennsylvania
– Comprehensive utilities master plan and new construction program for an 11-acre, 25-building medical complex that serves 600,000 veterans
– New 240-bed nursing home care unit

Veterans Affairs Medical Center,
Aspinwall Facility, Pittsburgh, Pennsylvania
– Comprehensive technical evaluation and master plan for a 30-building medical complex on a 58-acre site
– New 240-bed nursing home

Balanced Care Corporation - Various sites including: Beaver Falls, Harrisburg, Dillsburg, and Reading, PA; Danville, Harrisonburg, and Roanoke, VA; Ravenna, Medina, and Steubenville, OH; Martinsburg, WV; Pensacola, New Port Ritchey, Titusville, Rockledge, and Leesburg, FL
New assisted living facilities generally ranging from 31,000 sq.ft. to 36,000 sq.ft. with 60- to 66-beds each

Bon Secours - Holy Family, Regional Health System, Altoona, Pennsylvania
– Renovation of geriatric/psychiatric unit
– Skilled nursing unit renovation
– Various Renovation projects throughout the facility

Hanover Hall Nursing Home
Hanover, Pennsylvania
JCAHO Study

Heritage Health System, The Medical Center
Beaver, Pennsylvania
– Numerous upgrades, alterations, and additions to a 500-bed medical center
– Electrical system upgrade of entire hospital

Education

Bachelor of Science, Electrical Engineering Technology, 1993, University of Pittsburgh at Johnstown

Experience

H.F. Lenz Company 1985 - Present

Professional Registration / Certification

Licensed Professional Engineer in Pennsylvania and West Virginia

Professional Affiliations

Association of Physical Plant Administrators • National Society of Professional Engineers • Pennsylvania Society of Professional Engineers • Southern Building Code Congress International



**H.F. LENZ
COMPANY**

Johnstown
Headquarters
1407 Scalp Avenue
Johnstown, PA 15904
Phone: 814-269-9300
Fax: 814-269-9301

David F. Bacci, P.E.
Mechanical Engineer

Mr. Bacci is experienced in the design of mechanical equipment rooms involving the installation of gas- and oil-fired steam and hot water boiler systems. He is also experienced in the design of heating, ventilating, and air conditioning systems including steam, hot water, chilled water, refrigeration, and air distribution systems. Mr. Bacci's involvement has encompassed field survey of existing conditions, engineering analyses, systems design, and the preparation of cost estimates. He has been involved in several energy conservation studies. Mr. Bacci also is a responsible Project Engineer. He performs project scheduling duties, coordination and supervision of project design teams, prepares reports and cost estimates, and other project management functions. His projects include (*indicates prior experience):

Conemaugh Memorial Medical Center
Johnstown, Pennsylvania

- *Multi-building master plan evaluation of utility systems*
- *Six-story, 220,000 sq.ft. addition and renovations within 25,000 sq.ft. of existing space*
- *Short Term Ambulatory Surgery relocation*
- *Good Samaritan Psychiatric Suite*
- *60+ renovation and/or addition projects*

Balanced Care Corporation - Various sites including: Beaver Falls, Harrisburg, Dillsburg, and Reading, PA; Danville, Harrisonburg, and Roanoke, VA; and Ravenna, OH
New assisted living facilities generally ranging from 31,000 sq.ft. to 36,000 sq.ft. with 60- to 66-beds each

Homewood Assisted Living Center
Martinsburg, West Virginia
60,000 sq.ft. assisted living center with therapy pool

- Bon Secours Family Hospital
Altoona, Pennsylvania
- *Bio-terrorism evaluation of 350,000 sq.ft. tertiary medical facility.*
 - *Master plan for HVAC upgrades*
 - *Comprehensive review of HVAC systems*

Education

Bachelor of Science, Mechanical Engineering Technology, 1986, University of Pittsburgh at Johnstown

Experience

H.F. Lenz Company 1997 - Present
Glassman and Associates 1989 - 1997 • Gauthier Alvarado and Associates 1986 - 1989

Professional Registration / Certification:

Licensed Professional Engineer in Pennsylvania and Virginia

Professional Affiliations

American Society of Heating, Refrigerating and Air-Conditioning Engineers • International Society of Pharmaceutical Engineers • Past President, Johnstown Chapter - Pennsylvania Society of Professional Engineers

Windber Medical Center
Windber, Pennsylvania

- *Hospice*
- *Medical Arts Building*
- *Senior Center*
- *Chiller Plant Upgrade*
- *Sprinkler Facility*

Altoona Hospital
Altoona, Pennsylvania

- *Master plan for the consolidation of Altoona Hospital and Bon Secours Holy Family Regional Health System. Determined the functional space requirements and individual department locations within each facility and developed a capital cost to implement a short-term implementation plan. A long-range feasibility study for a complete replacement facility was also developed*
- *50+ renovation and/or addition projects*

Hamot Medical Center
Erie, Pennsylvania

- *New Ambulatory Surgery Facility*
- *Millennium Project including new operating rooms and emergency room expansion*

Nason Hospital
Roaring Spring, Pennsylvania

- *Emergency Department Renovation*
- *Bioterrorism study*



H.F. LENZ COMPANY

Johnstown
Headquarters
1407 Scalp Avenue
Johnstown, PA 15904
Phone: 814-269-9300
Fax: 814-269-9301

Jeffrey L. Jarvis

Plumbing Designer / Medical Gas

Mr. Jarvis is experienced in all aspects of the design and specification writing of healthcare plumbing systems including extensive medical gas systems, acid waste and vent, plumbing fixture requirements, decontamination chambers and complete plumbing system requirements for health care correctional, institutional, industrial, educational, and commercial facilities. He also has several years of hands-on experience with a variety of field, plumbing, healthcare systems including laboratory, medical gas, and balancing return systems.

Mr. Jarvis's project experience includes:

Heritage Health System, The Medical Center
Beaver, Pennsylvania

- Geriatric/psychiatric unit
- Skilled nursing facility
- Facility-wide renovations for Patient Focused Care Program
- Outpatient surgery addition
- Cardiac catheterization laboratory addition
- Plumbing / Medical Gas design for neuropsychiatric unit
- Recovery area renovation
- Building systems upgrades (Medical Gas)
- Multiple CT Scan renovations
- Linear accelerator renovation

Hamot Hospital
Erie, Pennsylvania
Plumbing design of the 56,254 sq. ft. millennium addition and renovation project

Conemaugh Health Systems
Johnstown, Pennsylvania
Plumbing design of the 12,832 sq. ft. ambulatory surgery suite

Somerset Hospital
Somerset, Pennsylvania
Medical gas design for new 24,000 sq. ft. renovation

UPMC Lee Hospital
Johnstown, Pennsylvania
Medical gas design for new 45,000 sq. ft. renovation

Children's National Medical Center
Washington, D.C.

- Medical gas design for 250,000 sq. ft. addition
- New medical air and vacuum pump systems

Conemaugh Health Systems
Johnstown, Pennsylvania
Plumbing design of a new 242,000 sq.ft. medical pavilion

Children's Hospital Pittsburgh
Pittsburgh, Pennsylvania
Medical air system replacement and alarm upgrade

Kane Community Hospital
Kane, Pennsylvania
Plumbing design for new MRI suite

Sewickley Hospital
Sewickley, Pennsylvania

- 7th floor medical/surgical renovation
- Emergency department renovation

Education

Associate Degree, Specialized Technology, Mechanical Drafting 1988
Hiram G. Andrews Center

Experience

H.F. Lenz Company 1989 - Present
L. Robert Kimball & Associates 03/89 - 09/89
U.S. Government, The Pentagon 06/85 - 08/85

Professional Affiliations

ASPE Member
Medical Gas Professional Healthcare Organization



**H.F. LENZ
COMPANY**

Jeffrey A. McKendree, C.E.T.

**Fire Protection Designer
NICET Level III Automatic Sprinkler System Layout**

**Johnstown
Headquarters**
1407 Scalp Avenue
Johnstown, PA 15904
Phone: 814-269-9300
Fax: 814-269-9301

Mr. McKendree is a graduate of Eastern Kentucky University's Fire and Safety Engineering program, a program of distinction in the Commonwealth of Kentucky as certified by the Commonwealth of Kentucky Board of Higher Education. Mr. McKendree's experience prior includes conducting site inspections for emergency incident planning in Lower Paxton Township in suburban Harrisburg, Pennsylvania. Typical sites included educational, industrial, manufacturing, and mercantile properties. These plans have been utilized to protect lives and property from the effects of fire through the use of NFPA and local standards for safety.

He is fully knowledgeable of NFPA standards and is experienced in the design of wet, dry, preaction, deluge, and special application fire protection systems. He is responsible for sprinkler system design, layout, and calculations; selection and sizing of fire protection equipment; cost estimates; and site survey work. Mr. McKendree coordinates with other trades, municipal fire protection authorities, utility companies, and with the Project Engineer and project Architect. Mr. McKendree's projects include:

Ruby Memorial Hospital
West Virginia University Hospitals,
Morgantown, West Virginia
*176,000 sq.ft. addition and 47,000 sq.ft.
renovation, project included a new
boiler/chiller plant to serve 878,000 sq.ft. of
clinical space*

UPMC Lee Regional Patient Care Center
Johnstown, Pennsylvania
*New 105,500 sq.ft. state-of-the-art patient care
building*

UPMC Lee Regional Cancer Center,
Johnstown, Pennsylvania
New 33,660 sq.ft. cancer care center

Conemaugh Oncology Center
Johnstown, Pennsylvania
New 26,000 sq.ft. cancer care center

Hamot Surgery Center
Erie, Pennsylvania
*Designed the new automatic fire protection
system for this new one-story facility*

Education

Bachelor of Science Degree, Fire and Safety Engineering, 1999, Eastern Kentucky University
Associate of Arts Degree, Fire Science Technology, 1997, Harrisburg Area Community College

Experience

H.F. Lenz Company June 1999 – present
Paxtonia Fire Company incident preplanning committee August 1995 - August 1997

Professional Registration / Certification

NICET Level III in Fire Protection Engineering Technology / Automatic Sprinkler System Layout

Hamot Hospital
Erie, Pennsylvania
*– New 80,000 sq.ft. Heart Institute
– Millennium Project including new operating
rooms, and emergency room expansion*

Windber Medical Center
Windber, Pennsylvania
*Evaluated existing fire protection system and
provided recommendations to bring the facility
to the minimum requirements outlined in BOCA
Building Code – 1996 edition followed by the
redesign and adaptation of the existing fire
protection system to meet these requirements*

Children's National Medical Center
Washington, D.C.
New additions and renovations

Laurel Crest Manor
Cresson, Pennsylvania
Renovations to a 370-bed County nursing home



**H.F. LENZ
COMPANY**

Johnstown
Headquarters
1407 Scalp Avenue
Johnstown, PA 15904
Phone: 814-269-9300
Fax: 814-269-9301

Steve J. Kormanik, C.P.D.
Plumbing / Fire Protection Designer

Mr. Kormanik has designed complete plumbing and sprinkler systems for hospitals, colleges, schools, laboratories, office buildings, industrial facilities, prisons, and military installations. He is responsible for plumbing and sprinkler system design, layout, calculations; selection and sizing of equipment; cost estimates; and site surveys. He is knowledgeable of all applicable plumbing codes. He supervises drafting personnel; coordinates the plumbing design with utility companies, with other trades, and with the Project Engineer and Project Architect; and is responsible for assembling complete and accurate plumbing bid documents which meet H.F. Lenz Company standards.

Mr. Kormanik also conducts evaluations and prepared reports of existing plumbing and sprinkler systems for commercial and institutional facilities. His project experience includes:

West Virginia University Hospitals
Ruby Memorial Hospital,
Morgantown, West Virginia
New 176,000 sq.ft. addition and 47,000 sq.ft.
renovation including a new boiler/chiller plant
to serve 878,000 sq.ft. of clinical space

Martinsburg Medical Office Building
Tri-State Professional Complex
Martinsburg, West Virginia
New 30,000 sq.ft. medical office building that
houses The Center For Orthopedic Excellence,
Tri-State Surgery Center and Premier Physical
Therapy and includes additional space for
future tenant.

Conemaugh Memorial Medical Center,
Johnstown, Pennsylvania
Plumbing design for 250,000 sq.ft. hospital
expansion project

Conemaugh Oncology Center
Johnstown, Pennsylvania
Plumbing designer for a new 26,000 sq.ft.
cancer care center

Altoona Hospital
Altoona, Pennsylvania
- New 280,000 sq.ft., seven-story outpatient
tower
- Various renovation projects

Education

Associate, 1983, Interior Design, Art Institute of Pittsburgh

Experience

H.F. Lenz Company 1985 - Present

Professional Certification

Certified in Plumbing Design, ASPE • Certified Plumbing Plans Examiner (BOCA)
Certified Plumbing Inspector (BOCA)

Veterans Affairs Medical Center
Philadelphia, Pennsylvania
- New 680,000 sq.ft. clinical addition
- Building 1 renovation

Veterans Affairs Medical Center, Aspinwall
Facility, Pittsburgh, Pennsylvania
- New 160-bed intermediate care building
- New boiler/chiller plant

Hamot Hospital
Erie, Pennsylvania
- New 80,000 sq.ft. Heart Institute
- New 42,000 sq.ft. addition and renovation of
20,00 sq.ft. of clinical space (Millennium
Project)
- Facility-wide sprinkler system design
renovation
- North wing domestic water study and
conceptual design

Heritage Health System, The Medical Center
Beaver, Pennsylvania
\$30 million facility realignment program

Westmoreland Hospital
Greensburg, Pennsylvania
Plumbing and fire protection design for a new
four-story medical office building



**H.F. LENZ
COMPANY**

Johnstown
Headquarters
1407 Scalp Avenue
Johnstown, PA 15904
Phone: 814-269-9300
Fax: 814-269-9301

David B. Schmidt, Jr., P.E., RCDD
Communications Engineer

Mr. Schmidt is an Electrical Engineer with a wide range of engineering experience in corporate and commercial projects. His experience includes project planning, project management, facility design, project scheduling, cost estimating, construction administration, and training of operations and maintenance personnel. He is also a Registered Communications Distribution Designer (RCDD) with an extensive background in communications systems design including both optical fiber and copper backbone cabling systems. His specific experience includes project management and engineering design for data centers, call centers, operations centers, corporate office buildings, governmental facilities, and college and university facilities. He is experienced in power distribution systems, lighting systems, energy management, direct digital controls, fire detection and alarm systems, on-site power generation, and all types of structured communications cabling systems for telephone, voice, and data.

Harvard Business School Data Center
Boston, Massachusetts
Design of communication cabling system for the new Technology Operations Center including the extension and reconfiguration of the campus backbone.

Mellon Financial Corporation
Client Service Center
Pittsburgh, Pennsylvania
New 750,000 sq.ft., \$130 million building and data center; project included 1,200 miles of optical fiber and 26,000 copper information ports.

NaviSite Headquarters & Data Center
Andover, Massachusetts
New 150,000 sq.ft. data center capable of supporting over 3,000 servers.

NaviSite Data Center
San Jose, California
Highly reliable data center designed for 24x7 operation

Social Security Administration
Woodlawn, Maryland
Project Manager for the communications design in both the 1.2 million sq.ft. Operations Building and the 500,000 sq.ft. Annex Building. The cabling system includes fiber to the desk, UTP cabling for voice and data, and coaxial cable for video distribution.

Kennametal, Inc. World Headquarters
Latrobe, Pennsylvania
Design of new campus fiber optic and copper telephone systems backbones, and Category 5 horizontal communications wiring system for telephone, voice, and data in a new 135,000 sq.ft. corporate office facility.

Progressive Insurance Company
New Call Center
Austin, Texas
Project Manager for a new 217,000 sq.ft. 1800-person call center; fast track project Delivery

Education

Graduate Studies, Manufacturing Systems Engineering Program, 1995, University of Pittsburgh
Bachelor of Science Electrical Engineering Technology, 1990, University of Pittsburgh at Johnstown
Associate in Specialized Technology, Electronics, 1979, Penn Technical Institute

Experience

H.F. Lenz Company 1995 - Present
Johnstown America Corporation 1994 - 1995
LTV Steel 1991 - 1994

Metalworking Technology, Inc. 1989 - 1991
Lincoln Contracting & Equip. Co. 1982 - 1984

Professional Registration / Certification

Licensed Professional Engineer in Pennsylvania, PE-051691-E, Electrical Engineering
Registered Communications Distribution Designer AMP Act III Certified Network Designer
Lucent Technologies Systimax SCS, Certified Consultant Program

Professional Affiliations

Building Industry Consulting Service International (BICSI) • National Society of Professional Engineers (NSPE)



**H.F. LENZ
COMPANY**

**Johnstown
Headquarters**
1407 Scalp Avenue
Johnstown, PA 15904
Phone: 814-269-9300
Fax: 814-269-9301

Brian J. Rager

Construction-Phase Representative

Mr. Rager serves as a Construction-Administration Representative in all types of heating, ventilating, air conditioning, plumbing, fire protection, electrical, building management, automatic temperature control, and site utility projects. He has a thorough knowledge of system design concepts and is responsible for carrying out the company standard of quality during construction. His responsibilities include pre-design site surveys; on-site troubleshooting; mechanical/electrical coordination; monitoring and observing construction workmanship to ensure conformity with the contract documents; enforcing applicable codes during construction; attending construction and coordination meetings; providing cost estimates for contract revisions; and reviewing vendor/contractor submittals.

Mr. Rager has provided construction administration services for institutional, commercial, and industrial projects. His projects include:

Veterans Affairs Medical Center
Philadelphia, Pennsylvania
– 680,000 sq.ft. clinical addition
– 525-car parking garage
– New chiller building
– New 240-bed nursing home

Veterans Affairs Medical Center
Aspinwall Facility
Pittsburgh, Pennsylvania
– New 210,000 sq.ft. intermediate care building
– 7,200 sq.ft. boiler/chiller plant
– New 240-bed nursing home

Veterans Affairs Medical Center
Oakland Facility
Pittsburgh, PA
– Renovation of five floors of the existing hospital
– New four-story clinical, education, and outpatient addition
– Animal Research Building addition

Plastic Surgical Associates
Johnstown, Pennsylvania
New medical office building

Naval Research Laboratory
Washington, D.C.
– Replace HVAC system in two office buildings
– Emergency generator

Heritage Health System, The Medical Center
Beaver, Pennsylvania
– Boiler conversion
– Energy retrofit of AHUs
– Power factor correction for building electric service

National Institutes of Health,
Bethesda, Maryland
HVAC renovations

West Virginia University
Robert C. Byrd Health Sciences Center
Morgantown, West Virginia
Correct HVAC deficiencies in autopsy area

West Virginia University
Charles Wise Library
Morgantown, West Virginia
124,000 sq.ft. addition and 86,000 sq.ft. renovation to existing facility featuring an underground steam line

University of Pittsburgh
Sutherland Hall
Pittsburgh, Pennsylvania
New dormitory complex

Carnegie-Mellon University
Fluorescence Center
Pittsburgh, Pennsylvania
Renovation and upgrade of existing laboratory facilities

Education

Associate Degree, Electronics Engineering Technology, 1977, Ohio Institute of Technology

Experience

H.F. Lenz Company 1980 - Present



Atlantic Engineering Services

JOHN M. SCHNEIDER, P.E.
Vice President
Atlantic Engineering Services of Pittsburgh

Position: Principal in Charge

Education: Bachelor of Architectural Engineering
Pennsylvania State University, 1983

Experience:

Mr. Schneider began consulting for architects on structures in 1983. He has served as project manager and project engineer for a wide variety of facility studies, new construction/renovation, building additions and historic preservation projects, both in the United States and overseas. Mr. Schneider's experience includes many projects for the federal government. His duties include day to day project supervision, project scheduling for the entire organization, and coordination with other consultants.

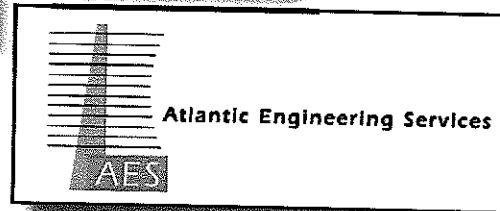
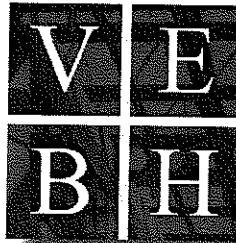
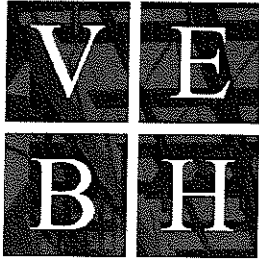
His recent hospital experience includes the Magee-Womens Hospital Addition and Renovation, an \$88 million addition to Magee-Womens Hospital in Pittsburgh, Pennsylvania completed in 1998. Because of Magee's landlocked condition, the addition was designed to be constructed without disruption to the hospital. Highlights of the project include an elegant lobby and 300,000 square feet of new laboratory, office and patient room space. In addition, construction was recently completed for the Lancaster General Hospital Orthopedic Center, a \$55 million addition and renovation in Lancaster, Pennsylvania. This five-story vertical expansion of the existing Lime Street Building on the campus included a full seismic design and retrofit of portions of the building. The new atrium lobby features exposed steel "tree columns" towering to 80 feet above floor level. The project was successfully fast-tracked requiring the structural design to proceed ahead of the other disciplines.

Other recent hospital work includes the \$64 million expansion to The Washington Hospital, the \$59 million addition to Uniontown Hospital and the \$80 million addition to Passavant Hospital. The Washington Hospital expansion included a four-story vertical expansion over an existing precast parking garage. AES completed an intensive review of the original parking garage drawings to verify its capacity to support the new addition, including a seismic design study based on new code requirements implemented after the parking garage design and construction.

Professional Registrations: Licensed Professional Engineer in Pennsylvania, Connecticut, District of Columbia, Maine, Massachusetts, Minnesota, New York, Rhode Island, Ohio, Utah, Virginia, and West Virginia. Mr. Schneider is NCEES certified.

Professional Memberships: National Trust for Historical Preservation
Pittsburgh History & Landmarks Foundation

Professional Affiliations: Member of City of Pittsburgh, Board of Appeals
Member of City of Pittsburgh, Board of Code Review



■ ■ **Consultants**

The design team that we propose for your project is one that has worked together on numerous occasions to successfully meet the needs of our healthcare clients.

In this section, we have included descriptions of two firms, H. F. Lenz Company (MEP Engineering Design) and Atlantic Engineering (Structural Engineering), along with a list of their similar projects.

Along with these consultants, VEBH will provide the resources necessary to identify and design the modern efficiencies sought for this project.

As necessary, VEBH will include in our design team McFarland Kistler & Associates to consult on the design of any kitchen or food service facility modifications.

Each of these consulting firms will provide services for the duration of the project, including during the construction phase(s).



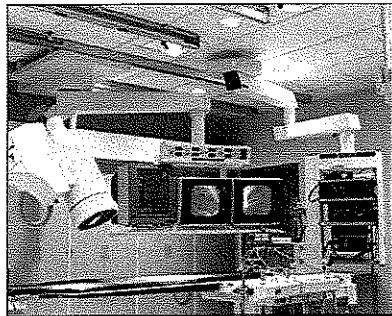


Currently in its 62nd year, the H.F. Lenz Company is a Pennsylvania-based firm offering a full range of engineering services for building systems, infrastructure, and industry. Our projects span the nation, with the heaviest concentration in the Northeast, and exceed \$300 million in MEP construction annually. Each market sector—corporate, government, health care, education, and industry—is served by a team of specialists who understand the unique needs of the clients they serve.



Services offered include:

- Mechanical Engineering
- Electrical Engineering
- Plumbing Engineering
- Life Safety / Fire Protection Engineering
- Communications Engineering
- Energy Management
- Civil Engineering
- Structural Engineering
- Industrial Engineering
- Surveying
- Construction Phase Services
- Commissioning



Health care reform, shrinking budgets, downsizing, and risk management all add up to major changes in building programs. Codes are constantly evolving, construction budgets shrinking, and liability concerns growing. Yet utility and building systems may not be adequate to meet the exploding needs of rapidly advancing medical and communications technologies.

Whether anticipating space renovations, infrastructure upgrades, or new construction, money can be saved by involving H.F. Lenz Company in the early stages of project planning. Our engineers will analyze infrastructure needs, identify their cost

impact, and investigate cost effective alternatives, all of which helps to establish an appropriate budget and avoid costly surprises.

The location, condition, and capacity of mechanical and electrical systems can greatly affect not only construction costs but its timing as well. By carefully examining present needs, steps can be taken to reduce future costs, budget for system replacement or upgrade in long-range plans, and reduce liability risks.

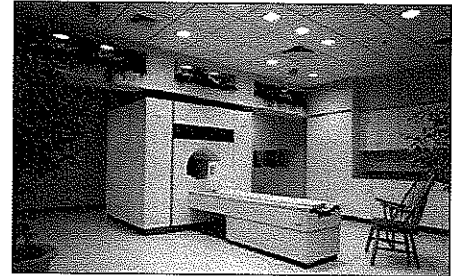
H.F. Lenz Company's engineers offer non-biased solutions based on a facility's overall requirements and a thorough understanding of hospital codes.

Our services include:

- Infrastructure evaluations and master plan
- Mechanical, electrical, and medical gas systems
- Life safety and fire protection systems
- Indoor air quality evaluations
- TB/isolation room upgrades
- Code evaluations
- Communications systems / computer rooms
- Building structural design



To better serve our clients, the H.F. Lenz Company has organized the firm into several multi-discipline design teams that are dedicated to specific market types or project types. Each team has the necessary resources and multi-discipline staff—HVAC, electrical, plumbing, and fire protection/life safety—to successfully complete both small and large projects. Our teams are headed by one or more principals of the firm who specialize in a particular market segment or type of engineering project. Our clients benefit from this approach because the team is focused, experienced, and dedicated to one type of project—the clients' project.



Our Health Care Team is headed by Timothy M. Earhart, P.E., Principal; Steven J. Gridley, P.E., Principal and Senior Vice President; and John R. Boderocco, P.E., Principal and President. The team's experience includes new construction, renovation projects, and evaluations and studies. Their experience ranges from renovations of individual departments, to modifying or replacing building-wide mechanical, electrical, and fire protection/life safety systems. Health care experience includes hospitals, nursing homes, assisted living facilities, laboratories, and medical office suites. Projects range in size from 500 to 850,000 sq. ft., are wide-spread throughout the eastern states, and total anywhere from \$5,000 to \$130,000,000.

The H.F. Lenz Company's responsiveness and technical expertise have allowed us to develop long-term business relationships with our health care clients. An example of this partnering relationship is Altoona Hospital, for whom we began working in 1946 and have since completed over 100 individual projects including the \$45 million outpatient tower that was completed in 1994. Another repeat health care client is the U.S. Department of Veterans Affairs. We have been working with this agency since the late 1970's and have provided the engineering design for over two million square feet of new and renovated space with a total construction value in excess of \$247 million.

The H.F. Lenz Company is currently providing Conemaugh Memorial Medical Center with mechanical, electrical and fire protection engineering design services for a \$40 million five-story 250,000 sq. ft. addition. The hospital has commissioned H.F. Lenz Company to begin a \$29 million master plan and utility systems upgrade/replacement of the existing facilities.

The H.F. Lenz Company is also currently providing mechanical, electrical, plumbing and fire protection design services for Children's National Medical Center in Washington, D.C.. In addition to the multi-year master plan, we are in the process of an \$8 million upgrade to the hospital primary and emergency power systems.



The following is a list of states where H.F. Lenz Company has performed engineering design services:

Alabama	Kentucky	New York
Arkansas	Louisiana	North Carolina
Arizona	Maryland	Ohio
California	Massachusetts	Oklahoma
Connecticut	Michigan	Oregon
Colorado	Minneapolis	Pennsylvania
Washington DC	Minnesota	Rhode Island
Delaware	Missouri	Texas
Florida	Nebraska	Virginia
Georgia	Nevada	Washington
Illinois	New Hampshire	West Virginia
Indiana	New Jersey	Wisconsin
Kansas	New Mexico	

All of our engineers are versed in the 2006 AIA Guidelines for Construction, the International Building Code which includes the Mechanical and Plumbing codes regularly used in healthcare design, as well as the West Virginia State Fire Code and NFPA. Our design team also has ongoing experience with JCAHO Environment of Care standards and regularly assists clients in preparing for JCAHO inspections. We have recently worked closely with the **WV Office of Health Facility Licensure and Certification** and the **WV State Fire Marshall** on projects including a 176,000 sq.ft. addition and renovation of 47,000 sq.ft. of WVUH Ruby Memorial Hospital, in Morgantown, and also various renovation projects at Jefferson Memorial Hospital, located in Ranson.

Our electrical engineers are all well versed on the National Electric Code and the interface with AIA, JCAHO, and NFPA. The healthcare section of NEC is critical in the initial stages of the electrical system schematic and design development of a project, specifically for emergency power systems. Dave Watters, PE, is H.F. Lenz Company's chief electrical engineer and is a member of the NFPA 110 committee.

One of our mechanical engineers is a committee member of NFPA and is an in-house reference for fire protection issues. NFPA 99 for medical gas systems is utilized for specific code and design requirements for medical gas primary and distribution systems. Our plumbing engineers and designers are often called by our clients regarding NFPA 99 issues for medical gas systems. Frequently, our plumbing engineers must obtain local codes and supplements when the local municipality is the authority having jurisdiction. This code review is done immediately at the start of any new project.

Our HVAC engineers and designers use the ASHRAE standards and guidelines, and the American Society of Hospital Engineers (ASHE) guidelines and reference material. ANSI,



CDC, USP 797 Pharmacy Requirements, and ASHRAE Healthcare HVAC Design Guide are just a few of the additional guides and reference material utilized.

In addition to our extensive experience with health care projects over the past 62 years, our team members are members of the American Society of Healthcare Engineers, Healthcare Engineers of Western Pennsylvania, American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), National Fire Protection Association (NFPA), and other professional organizations. These affiliations stress Continuous Education and professional self improvement to remain current both in code compliance as well as trends in healthcare design.

One of the best illustrations showing knowledge of codes, standards, and guidelines is our excellent record of no rejections of permit documents submitted to the West Virginia Office of Health Facility Licensure and Certification, the Pennsylvania Department of Health, the District of Columbia Regulatory Agency (DCRA), local jurisdictions, or other authorities having jurisdiction.



The H.F. Lenz Company presently employs 182 people in our Johnstown, Pennsylvania headquarters and our satellite offices in Pittsburgh and Erie. Within the firm, all engineering disciplines are represented in-house. Additionally, all of our engineers are cross-trained among the various disciplines, leading to improved communication and overall project efficiency.

The following is a breakdown of our staff capacity:

MECHANICAL/ELECTRICAL DIVISION 97 Total

- 33 Mechanical
- 23 Electrical
- 4 Plumbing/Fire Protection
- 37 Technicians/CADD Operators

CIVIL/STRUCTURAL/SURVEY DIVISION 34 Total

- 13 Civil
- 9 Structural
- 6 Technicians/CADD Operators
- 5 Surveyors
- 1 Construction Inspector

ADDITIONAL STAFF 51 Total

- 9 Construction Inspectors
- 7 Technicians/CADD Operators
- 35 Support Services

182 Total Personnel

CURRENT AND FUTURE WORKLOAD

H.F. Lenz Company prepares workload projections four times a year to determine if our clients will be properly serviced and if additional projects can be accommodated. A recent projection determined that the design team which will be assigned to this project is currently between **70% to 80%** of their total workload capacity for the next four to five months. The H.F. Lenz Company can properly staff this project and meet all schedules and deadlines. We will commit additional personnel as needed to meet accelerated schedules and multiple project deadlines.

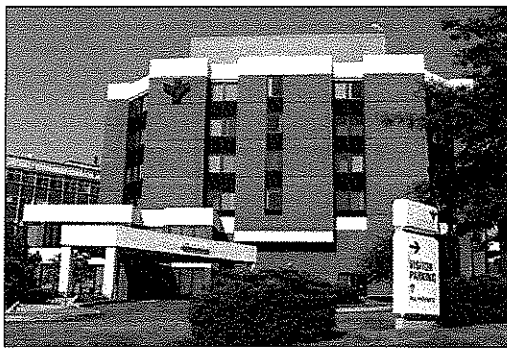


**Allegheny General Hospital
Pittsburgh, Pennsylvania**

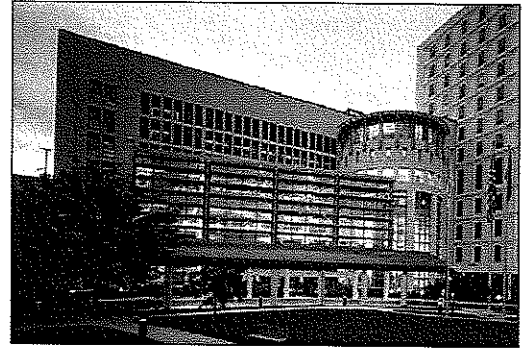
- Congestive heart failure research renovations (8th floor)
- Linear Accelerator equipment change-out
- CT Simulator equipment change-out
- Operating room washer
- Central supply sterilizer
- Same day surgery washer
- CT scan equipment change-out
- BSL-3 Lab HVAC study
- ER observation fit-out
- Joint center plumbing and electrical renovation
- Heritage Hall lighting design
- Cardiac Catherization Lab 5 equipment replacement
- New angiography room
- Installation of new ethylene oxide (ETO) sterilizer in central supply
- Pharmacy renovations
- Renovations for a new bi-plane angiography suite
- Re-routed oxygen line from bulk farm to inside the facility

**Altoona Hospital
Altoona, Pennsylvania**

- Master plan for consolidation of Altoona Hospital and Bon Secours Holy Family Regional Health System
- New seven-story outpatient tower and atrium
- 250,000 sq.ft. addition



Bon Secours Holy Family Regional Health System.
H.F. Lenz Company has completed approximately 80,000 sq.ft. of renovation projects throughout the entire hospital facility



Altoona Hospital. *The addition and renovation project received a Vista Award Honorable Mention presented by the American Society for Health Care Engineering.*

- New and renovated operating rooms
- Emergency room renovations
- New central heating/cooling plant
- Renovation of two patient buildings
- Isolation rooms
- OR exhaust system
- OR air flow study
- Tower building study

**Bon Secours Holy Family
Regional Health System
Altoona, Pennsylvania**

- Master plan for HVAC upgrades
- Comprehensive review of HVAC systems
- Bio-terrorism evaluation of 350,000 sq.ft. facility
- Skilled nursing unit renovation
- Renovation of geriatric psychiatric unit
- MRI suite renovation
- Physical therapy renovations
- HVAC Bioterrorism Study

**Bradford Regional Medical Center
Bradford, Pennsylvania**

- New boiler plant
- Electrical service modifications
- Kitchen wall structural evaluation
- ICU/CCU recovery renovations

**Buffalo General Hospital
Buffalo, New York**

- Installation of new helipad and support services