

**Charleston Armory
Maintenance Complex**
Charleston, West Virginia
RFQ DEFK11026



Statement of Qualifications for A&E Services
February 24, 2011



ARCHITECTURE

SCHOOLS AND CLASSROOMS • GOVERNMENT FACILITIES • RECREATION FACILITIES
INDUSTRIAL BUILDINGS • AIRPORT TERMINALS AND SUPPORT FACILITIES • OFFICE BUILDINGS
HISTORIC RENOVATION AND RESTORATION • COMPUTER MODEL BUILDING AND RENDERING



February 24, 2011

Ms. Tara Lyle
Department of Administration
Purchasing Division
Building 15
2019 Washington Street, East
Charleston, West Virginia 25305

**Re: RFQ DEFK11026
Maintenance Complex for
Charleston Armory**

Dear Ms. Lyle:

Chapman Technical Group is most interested in providing the required A/E Services for the maintenance complex at the Charleston Armory. As you will see upon reviewing our submittal, we have a great deal of experience with the design of industrial and maintenance buildings. Our projects have included a 50,000 square-foot multi-tenant building in Philippi; a 22,500 square-foot multi-tenant building in Belington; and a nearly 10,000 square-foot fish hatchery building. We also recently completed the design of a 10,000 square-foot multi-tenant building for the Philippi-Barbour Airport Authority.

We have also provided site planning and design services for major projects around the state including the Philippi Industrial Park; the Seneca Rocks Visitors Center; the Robert C. Byrd Federal Courts and IRS Complex in Beckley; the Charleston Job Corps Center, and many others. We understand the engineering and utility issues associated with building major projects in West Virginia.

For mechanical, electrical and plumbing engineering, we will use Harper Engineering in St. Albans. The personnel at Harper Engineering have a wealth of experience on a wide variety of projects and we have worked with them for years. I have enclosed resumes of their key personnel.

Our current workload is such that would allow us to start on your project immediately. We would very much appreciate the opportunity to present our project team and further discuss your project. In the meantime, if you have any questions or need additional information, please contact me.

Sincerely,

CHAPMAN TECHNICAL GROUP

Joseph E. Bird, ASLA
Vice President

200 Sixth Avenue
St. Albans, WV 25177

304.727.5501
FAX 304.727.5580

Buckhannon, WV
Martinsburg, WV

www.chaptech.com

STATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT**

West Virginia Code §5A-3-10a states: 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.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

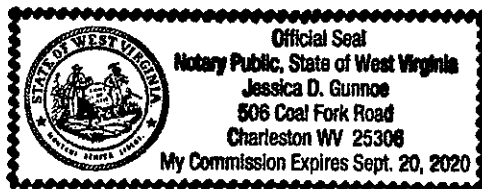
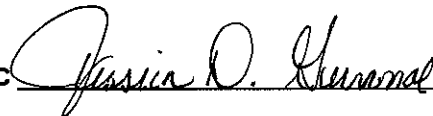
EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

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

WITNESS THE FOLLOWING SIGNATUREVendor's Name: Chapman Technical GroupAuthorized Signature:  Date: 2/24/2022State of West VirginiaCounty of Kanawha, to-wit:Taken, subscribed, and sworn to before me this 24 day of February, 2011.My Commission expires September 20, 2020.

AFFIX SEAL HERE

NOTARY PUBLIC



WV Guard Maintenance Complex DEFK11026



Chapman
Technical
Group

1

Company Overview & Awards

2

Relevant Project Experience

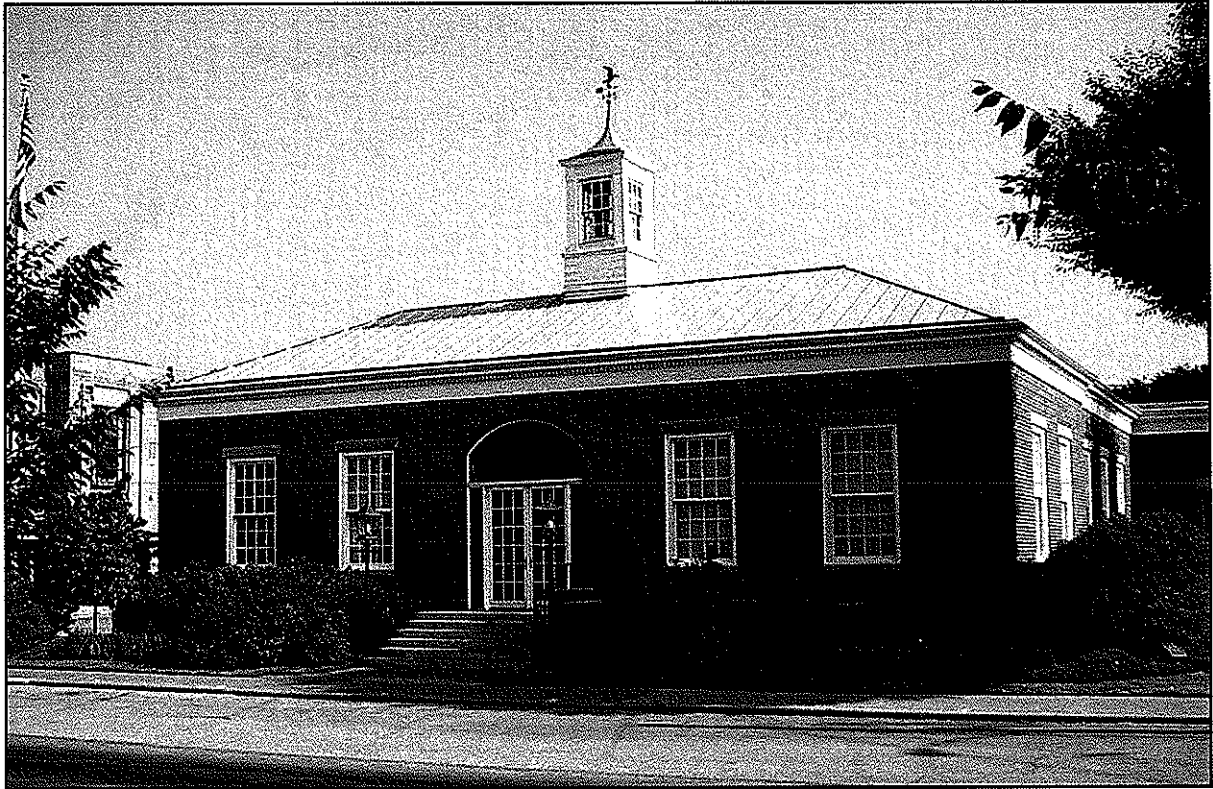
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Project Team

4

References

Company Overview



Chapman Technical Group's St. Albans Office

Chapman Technical Group is a full-service consulting firm with offices in St. Albans, Buckhannon, and Martinsburg, West Virginia offering an extensive range of professional architectural, engineering, interior design and landscape architectural services. Established in 1984, Chapman Technical Group has steadily grown to a diverse firm of professionals, many of whom were educated in West Virginia colleges and universities. We have achieved an outstanding reputation for providing high-quality design projects, while meeting client schedules and budgets and have received numerous awards for our work.

Our facilities are both state-of-the-art and architecturally significant. Our St. Albans office is a former post office and is now on the National Register of Historic Places.

Chapman Technical Group offers a broad range of professional services.

- Airport Design
- Architecture
- Civil Engineering
- Fire Pumping & Protection
- Interior Design
- Landscape Architecture
- Recreational Facilities
- Roads, Highways, & Bridges
- Site Development
- Space Planning
- Surveying
- Water & Wastewater Systems

Awards



AMERICAN INSTITUTE OF ARCHITECTS - MERIT AWARD FOR EXCELLENCE IN ARCHITECTURE, 2009 - Interstate 79 Rest Areas.

AMERICAN SOCIETY OF CIVIL ENGINEERS - NATIONAL - SUPERIOR EMPLOYER AWARD, 2009, Support of Young Professionals in the Private Sector.

AMERICAN COUNCIL OF ENGINEERING COMPANIES-WV - ENGINEERING EXCELLENCE AWARD, 2009, Gold Award - Special Projects Category for the Mercer County Airport Runway Safety Area Project.

AMERICAN INSTITUTE OF ARCHITECTS - HONOR AWARD FOR EXCELLENCE IN ARCHITECTURE, 2008 - Upshur County Courthouse Restoration and Renovations.

AMERICAN COUNCIL OF ENGINEERING COMPANIES-WV - ENGINEERING EXCELLENCE AWARD, 2008, Bronze Award - Wastewater Category for the Spring Run State Fish Hatchery Improvements.

AMERICAN COUNCIL OF ENGINEERING COMPANIES-WV - ENGINEERING EXCELLENCE AWARD, 2007, Silver Award - Structures Category for the Mercer County Airport Runway Safety Area Project.

GARY KING COMMUNITY SERVICE AWARD, 2006.
GOOD SCOUT RECIPIENT, 2005.

AMERICAN COUNCIL OF ENGINEERING COMPANIES-WV - ENGINEERING EXCELLENCE AWARD, 2003, Gold Award - Water Treatment Category for the City of Fairmont Water Treatment Plant Project.

AMERICAN COUNCIL OF ENGINEERING COMPANIES-WV - ENGINEERING EXCELLENCE AWARD, 2002, Gold Award - Transportation Category for the Raleigh County Memorial Airport Runway Rehabilitation Project.

WINNER - "COMMISSIONER'S ENGINEERING ACHIEVEMENT AWARD", 2000, The WVDOT - Division of Highways - Large Bridge Category for WV10 Buffalo Creek Bridge, Logan County, West Virginia.

FINALIST - "COMMISSIONER'S ENGINEERING ACHIEVEMENT AWARD", 1999, The WVDOT - Division of Highways - Large Roadway Category for WV10 Buffalo Creek - Taplin Project and 2000 for WV10 Buffalo Creek - Huff Junction Project, both in Logan County, West Virginia.

AMERICAN COUNCIL OF ENGINEERING COMPANIES-WV - ENGINEERING EXCELLENCE AWARD, 1999, Silver Award - Water and Wastewater Category, for the City of Beckley Piney Creek Wastewater Treatment Plant Project.

ENTREPRENEUR OF THE YEAR AWARD - FINALIST, 1999 and 2000, Sharon L. Chapman, President, was named one of twenty finalists in the West Virginia Area Entrepreneur of the Year Award. Sharon was recognized for leading Chapman Technical Group to become one of the most highly regarded engineering firms in the state after the death of her husband and company founder, Harvey R. Chapman.

"EXPECT THE BEST FROM WEST VIRGINIA AWARD", 1998, Charleston Regional Chamber of Commerce. The Expect the Best program was created to recognize West Virginia businesses and organizations that promote quality of life at home, work, and in the community so that individuals and organizations will implement quality principles and practices leading to unprecedented pride and economic growth in West Virginia.

HONOR AWARD, West Virginia Chapter of the American Society of Landscape Architects, 1994, Shrewsbury Street Area Redevelopment Plan, for excellence in planning and design projects. Joseph E. Bird, ASLA, Project Manager.

"GOVERNOR'S AWARD FOR ENGINEERING EXCELLENCE", 1990, The West Virginia Chapter of the American Public Works Association, in recognition of outstanding Public Works Engineering and Design of Projects within West Virginia.

DUNDEE CEMENT COMPANY ANNUAL DESIGN AWARD, 1988, Yeager Airport Taxiway Overlay Project. Harvey R. Chapman, P.E., Project Manager.

AUSTIN C. PALMER "OUTSTANDING FACILITY DESIGN AWARD", 1988, City of Bridgeport Swimming Pool Complex. Harvey R. Chapman, P.E., Project Manager.

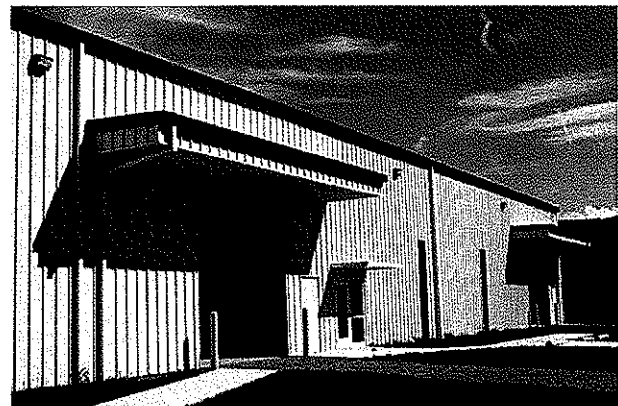
"GEORGE WARREN FULLER AWARD", Harvey R. Chapman, P.E., 1984, Robert G. Belcher, P.E., 2001, and Sharon L. Chapman, 2005, Jeffery D. Ekstrom, P.E., 2010, American Water Works Association, for distinguished service in the water supply field in the State of West Virginia.

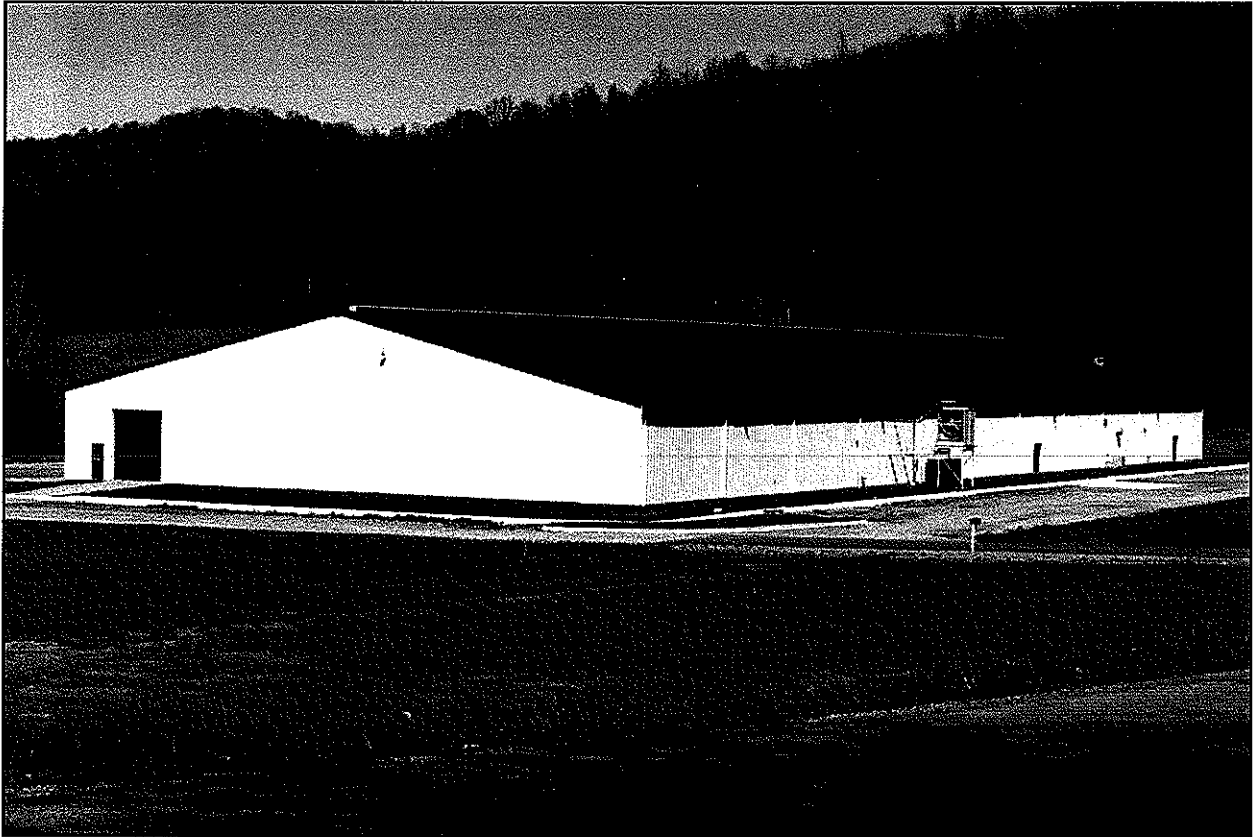


Barbour County Economic Development Authority

Belington Industrial Park
Belington, West Virginia

Chapman Technical Group assisted the Barbour County Economic Development Authority by providing design services and construction administration for the Belington Multi-Tenant Building located in the Belington Industrial Park. The Multi-Tenant Building is a 25,100 s.f. metal building which consists of three 8,300 s.f. tenant spaces, each with their own office core and bay spaces. The office cores create pedestrian entry and provide a reception area, offices, restrooms, and break area for each tenant. The bays provide 7,400 s.f. of open work area with covered vehicular access to the bays.





Philippi Board of Trade

124 North Main Street
Philippi, West Virginia 26416

Project involved the design, including structural, mechanical, and electrical engineering of a 50,000 square-foot, one-story, multi-purpose/multi-tenant office and industrial facility. Also included was the development of a 35-acre site involving roads and parking areas, electrical and power requirements, and storm, sewer and water systems, as well as all landscaping. Space planning is being performed for individual clients under separate contract.



Mason County Fish Hatchery

00010



Above: The Mason County Fish Hatchery building houses fish rearing facilities as part of WVDNR's hatchery operations at the Robert C. Byrd Locks and Dam. Right: Piping manifolds will distribute both well water and reservoir water to a variety of fish tanks.

West Virginia Division of Natural Resources

Capitol Complex, Building 3, Room 669
1900 Kanawha Boulevard, East
Charleston, West Virginia 25305



Located at the Robert C. Byrd Locks and Dam at Apple Grove, West Virginia, the Mason County fish hatchery building is the final component to the hatchery complex that also includes a series of fish rearing ponds and a reservoir to supply the ponds. The project also included the design and construction of two residences to be used by hatchery personnel.

The 9,200 square-foot fish hatchery building is a masonry and steel structure housing the actual hatching components, as well as offices and other support facilities. More than half of the building is open space to accommodate the fish hatching egg rack and a variety of rearing tanks that hold the fish until they are mature enough to be transferred

to ponds. The tanks are fed from either reservoir water or directly from well water which first passes through a degassing head tank. As water flows continuously through the tanks from an overhead distribution system, it is collected in a series of trench drains in the hatchery floor and eventually makes its way back to the Ohio River.

The hatchery also includes an office, a bunk room and kitchen for seasonal employees, a brine/shrimp room, and storage and maintenance garages. A mezzanine above the office area provides for additional storage.



Ritchie County Schools

134 South Penn Avenue
Harrisville, WV 26362

The design goal for this project was to significantly improve the health, safety and welfare of the students and staff of Smithville Elementary School. The project began by demolishing two buildings in the existing four building complex and designing a new classroom wing and a new kitchen addition adjacent to the remaining buildings. The new additions were designed to join with the existing classroom wing and multipurpose building to create a single cohesive facility, under one roof.

The new school will provide access control and better security, new HVAC systems and better Indoor Air Quality, compliance with ADA/ABA

requirements and the modern technology and amenities typical of today's schools. The renovations and additions to this school will have a direct impact on improving the learning environment for the students and improve the overall functionality of the school.



New Haven Elementary Addition

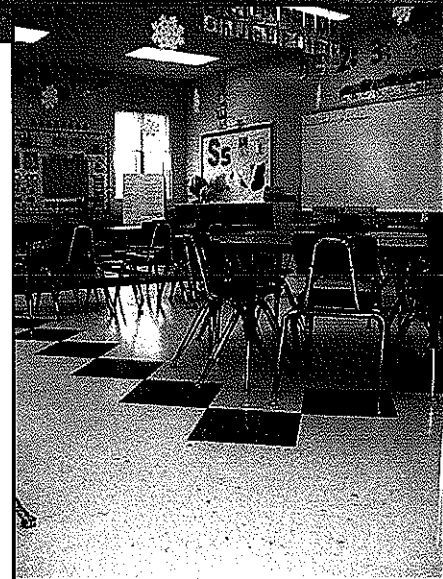
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Mason County Schools

1200 Main Street
Point Pleasant, West Virginia 25550

The project consisted of a 10,000 square-foot addition that included four classrooms, a multi-purpose room, and renovations to the cafeteria. A "pre-engineered" metal building structural system provided an economical solution for the height and clear floor space needed for the multi-purpose room which houses a stage, offices, accessible restrooms, and storage mezzanine, in addition to the basketball/play court. Colored/textured block and pre-finished metal siding and roofing made a durable and attractive facade. Simple yet colorful materials brighten the classrooms.





Upshur County Snow Removal Equipment Building

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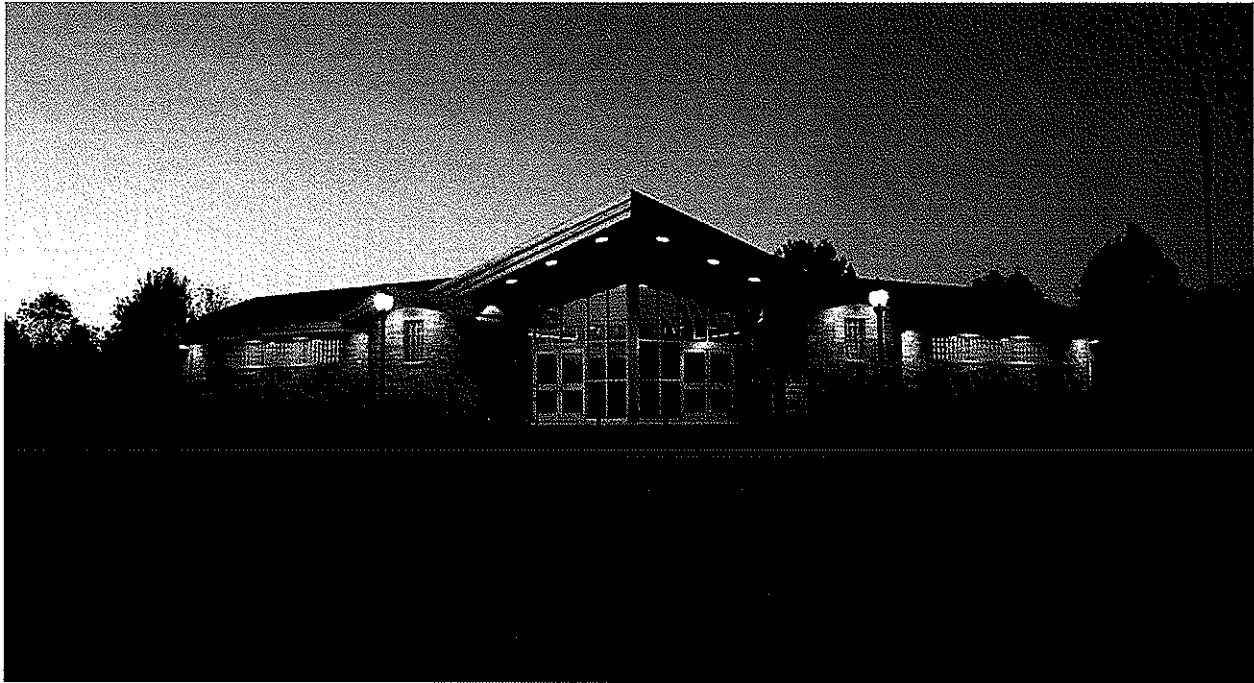


Buckhannon-Upshur Airport Authority

38 West Main Street
Buckhannon, West Virginia 26201

As part of the continuing expansion of the Upshur County Airport, Chapman Technical Group provided design and construction administration services for the three-bay Removal Equipment building. The building and the site were designed to easily accommodate future expansions. The 3,200 square-foot facility was completed in 2002 at an approximate cost of \$300,000.



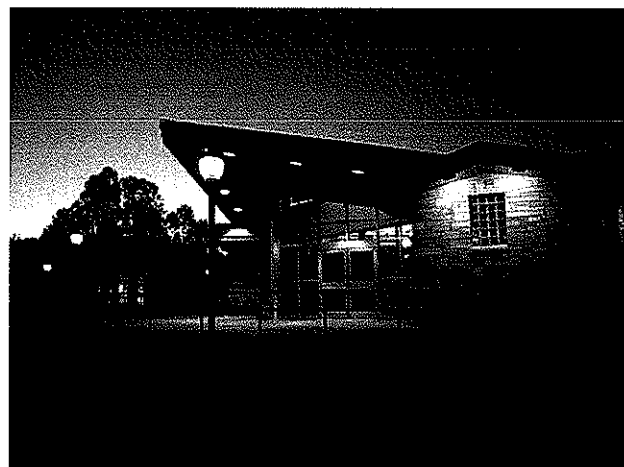


Burnsville Rest Areas

I-79, Mile Marker 86

West Virginia

The Burnsville Rest Areas are the first of the Standard Rest Areas to be built for the State of West Virginia. With dual sided men's and women's facilities, the structures are intended to meet the anticipated traffic load for twenty years from the date of design. They utilize materials native to the state, including smooth cut and rough stone, and a tern coated stainless steel roof system. A warm, but high-tech, Appalachian imagery greets the weary traveler, encouraging a more safe and rested trip. Low maintenance, but highly durable materials were used, including stone, stainless steel, glass, aluminum, wood, polished ground faced CMU, and epoxy terrazzo. Separate maintenance and vending buildings complement the main structures on the Northbound and Southbound sides.





Upshur County Courthouse Complex

AIA Honor Award 2008

Upshur County Commission

38 West Main Street
Buckhannon, West Virginia 26201

Since the design and construction of the courthouse annex in 1995, Chapman Technical Group has been involved in several improvement and restoration projects at the Courthouse in Buckhannon. In 2005, a lift was installed and the plaza renovated to make the original courthouse accessible. In 2006, the Courthouse dome and clock tower were completely restored. In 2007, the Courthouse portico stonework was restored, and in 2008 the work was honored by the AIA/WV for Excellence in Architecture.



Dome Restoration Detail



Roark Sullivan Lifeway Center Veterans' Transitional Living Center and Service Center

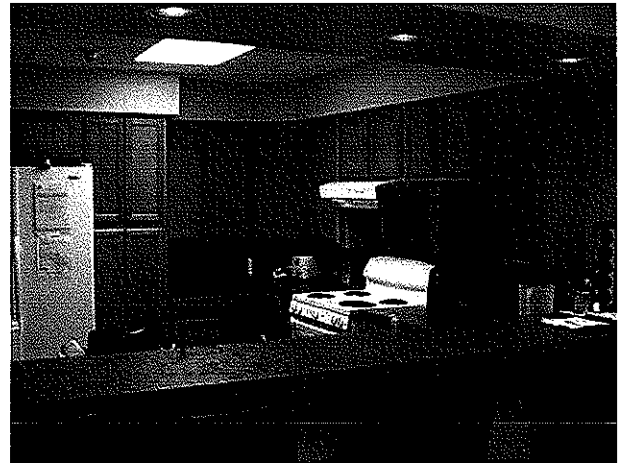
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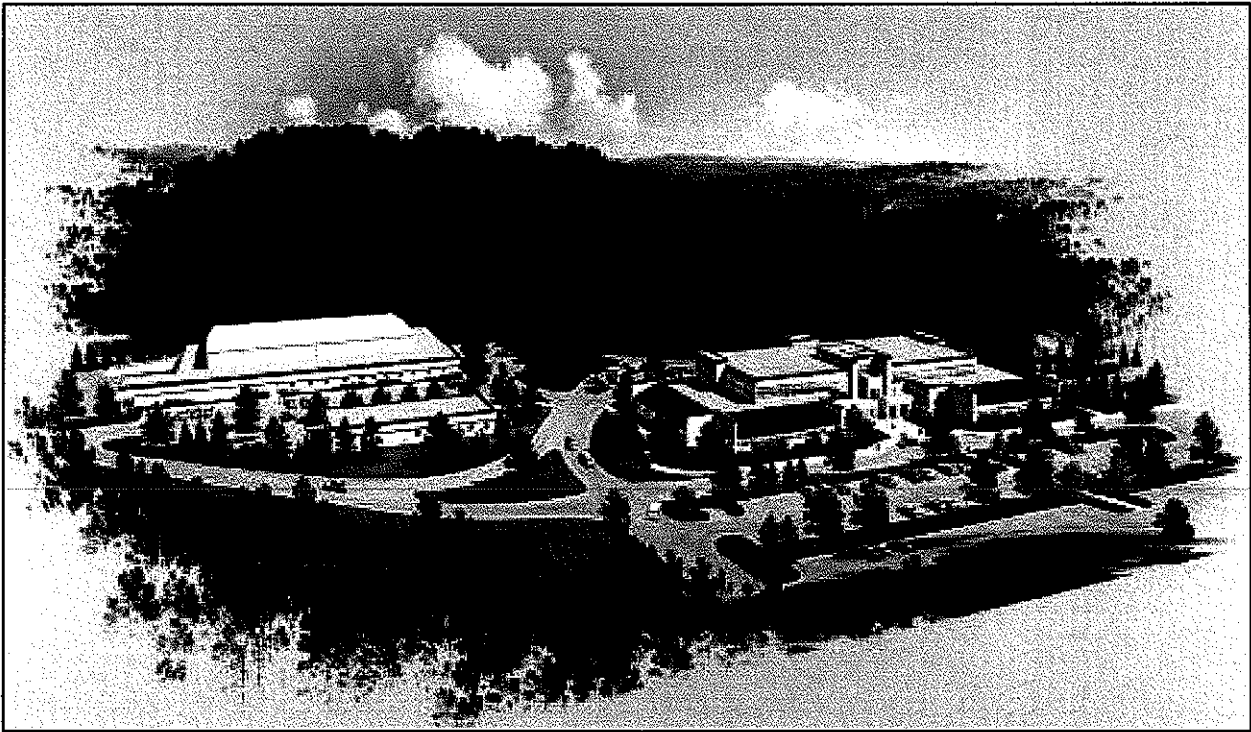


Roark Sullivan Lifeway Center

507 Leon Sullivan Way
Charleston, West Virginia

This 3,400 s.f. facility houses the Veterans Program and provides accommodations for 12 men in single room occupancies, geared to support veterans who are experiencing homelessness. The program provides housing and case management support, assisting men in the program to work toward self-sufficiency and community living. The design of the building supports that goal in providing modest bedrooms in favor of more spacious communal areas, thus providing the men with a space of their own while encouraging interaction with the other men in the program. A communal kitchen, laundry room, dining area, and two living and entertainment areas support the idea of interaction and self-sufficiency.

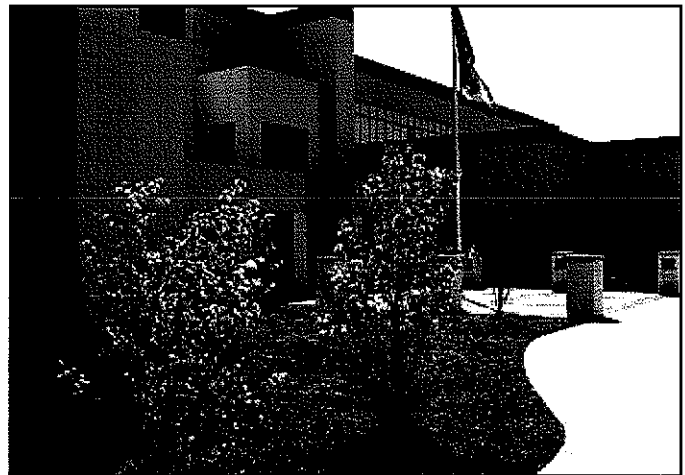




West Virginia Air National Guard

1679 Coonskin Drive
Charleston, West Virginia 25311

Design and construction inspection services for all site development project elements for a new complex of buildings for the 130th Airlift Group, West Virginia Air National Guard to include a new Headquarters Building, Consolidated Base Supply, and Security Police Headquarters. Firm's responsibility encompasses all site, civil engineering and landscape architectural design including site grading and drainage, storm sewers, sanitary sewers, underground electric, base-wide underground communications system, natural gas supply, potable and fire water supplies, roads and parking facilities, and pedestrian circulation.





King's River Church

777 Mallory Lane
St. Albans, West Virginia 25177

Chapman Technical Group provided site design services for a new church for the King's River Worship Center (formerly the First Assembly of God). The project included building siting, parking layout, grading and drainage design, utility design, and design of erosion and sediment control. The project also included the analysis, relocation design and permit application for a stream tributary within the Kanawha River Basin.



Seneca Rocks Visitors Center

Seneca Rocks, West Virginia

Construction Cost: \$600,000 (sitework only)

Completion Date: 1997

Contact: Missy Maxwell (215) 985-4410

Working with architectural firm Susan Maxman Associates, Chapman Technical Group provided site development services for a new visitor's center that would provide visitors a unique experience of Seneca Rocks, a popular tourist attraction for the state. Pedestrian walkways and vehicular circulation were emphasized in the project as well as integration into the existing site. Susan Maxman Architects relied on Chapman Technical Group for site grading, drainage, utilities, and material selection. Visitors can walk existing trails and enter the new facility through a series of raised walkways, pedestrian bridges, and overlooks.



Robert C. Byrd Federal Courthouse & IRS Complex

94074



Robert C. Byrd Federal Courthouse & IRS Complex

Beckley, West Virginia

Construction Cost: \$1,500,000 (sitework only)

Completion Date: 1998

Working with Project Architect Robert A. M. Stern of New York and Einhorn Yaffee and Prescott of Washington, D.C., Chapman Technical Group provided the design and construction services for Phase I excavation, shoring and existing utility relocations in support of Phase II building construction. Phase II design and construction services included all site civil and site structural engineering and landscape architectural design including site grading and drainage, storm and sanitary sewage systems, retaining walls, underground electric and communication systems, natural gas supply, potable water and fire services, roads, parking facilities, pedestrian circulation, and site security enhancements.



West Virginia State University
Post Office Box 1000
Institute, West Virginia 25112

When West Virginia State College decided to convert the central core of the campus into a pedestrian mall, the first step was to move vehicular parking to the perimeter of the campus. Chapman Technical Group was selected to design six perimeter parking lots and a portion of a new perimeter loop roadway system. The design provided parking for more than 400 vehicles at various locations around the campus.



JOSEPH E. BIRD, ASLA
Senior Vice President
Project Manager

EDUCATION

West Virginia University, BSLA, 1978

REGISTRATION

Landscape Architect, West Virginia, 1981

**PROFESSIONAL
HISTORY**

August 1985 to Present: Chapman Technical Group
Senior Vice President and Project Manager.

May 1978 to August 1985: Kelley, Gidley, Blair & Wolfe, Inc.
Landscape Architect and Project Manager.

Mr. Bird is a project manager and registered landscape architect. His experience ranges from large site development projects to the management of multi-discipline and architectural projects.

33 years professional experience.

**PROJECT
EXPERIENCE**

Site Development: Site planning and project management for numerous projects throughout West Virginia ranging from small campus sites to large sites for commercial, government, industrial, and institutional development. Projects include military complexes, campuses, public housing developments and other public facilities.

Parks and Recreation: Projects include swimming pools, bathhouses, cabins and support facilities for the West Virginia Division of Natural Resources and similar facilities for county and municipal park systems. Also involved in the design of facilities such as softball fields, fishing access facilities, recreation facilities for prisons, as well as passive recreation areas for public and private clients.

Miscellaneous: Other project experience includes the urban planning and development, streetscape design, roadway and storm drainage projects, as well as the project management of numerous major architectural projects throughout West Virginia.

AFFILIATIONS

West Virginia Chapter of the American Society of Landscape Architects

AWARDS

Honor Award for Shrewsbury St. Redevelopment Plan
West Virginia Chapter of American Society of Landscape Architects



DALE E. WITHROW, AIT
Project Coordinator, Department Manager
Architecture

EDUCATION

West Virginia Institute of Technology, AS, Drafting and Design, 1975.

PROFESSIONAL HISTORY

November 2000 to Present: Chapman Technical Group
Project Coordinator/Department Manager.

March 1993 to August 2000: The HDMR Group, Inc.
Project Coordinator.

February 1990 to March 1993: AFAB Services
Owner - Designer/Drafter.

Prior to 1990 Mr. Withrow worked with several architectural and engineering firms as an employee and independent consultant.

From 1978 to 1987 he was a Facilities Planner for the Kanawha County Board of Education.

Mr. Withrow is a Project Coordinator involved in all aspects of a wide variety of architectural projects. He is also Manager of the Architecture Group.

37 years professional experience.

PROJECT EXPERIENCE

Project Design and Management: Experience ranges from drafting, detailing and design through construction observation and project management of numerous building projects in West Virginia, Kentucky and North Carolina including:

- Residential/Housing
- Governmental Facilities
- Hospital/Healthcare Facilities
- Public School Facilities
- College Athletic Facilities
- Hotel/Hospitality Facilities
- Airport Support Facilities
- Historic Preservation
- Military Support Facilities/Armories
- Grocery and Drug Chain Stores
- Industrial Plant/Laboratory Facilities
- Office Buildings
- Banking Facilities
- Americans with Disabilities Act Assessment and Implementation
- Public Safety Facilities

AFFILIATIONS

Certified Architect-in-Training, State of Arizona
Associate Member WVAIA
President, St. Albans Business and Community Development Group
Vice Chair, Friends of the Alban Theatre
Board Member - St. Albans Chamber of Commerce



W. THOMAS CLOER, III, AIA, NCARB
Project Architect

EDUCATION

University of Tennessee, BArch, 2001

REGISTRATION

NCARB Registered Architect, 2009
IDP Program completed.

**PROFESSIONAL
HISTORY**

October 2006 to Present: Chapman Technical Group
Project Architect and Architectural Designer

2001-2006: N Visions Architect
Architect Intern and Architectural Designer

10 years professional experience.

**PROJECT
EXPERIENCE**

Experience ranges from drafting, detailing and design through project management and construction administration of building projects throughout West Virginia including the following project types:

Public School Facilities
Government Facilities
Office Buildings
Medical Office Facilities
Single Family Housing
Multi-family Housing
Recreational Facilities
ADA Assessments
Site Planning

AFFILIATIONS

American Institute of Architects
City of St. Albans Property and Maintenance Board, Member
City of St. Albans Historic District Committee, Member
Boy Scouts of America Troop 250 Committee Member



PHILLIP A. WARNOCK, NCARB, AIA
Project Architect

EDUCATION

The University of Tennessee, BArch, 1995

REGISTRATION

Architect, West Virginia, 2003

Architect, Tennessee, 2002

PROFESSIONAL HISTORY

September 2003 to Present: Chapman Technical Group
Project Architect.

June 2002 to July 2003: ZMM
Architect.

June 1995 to May 2002: Lockwood Greene
Intern Architect.

August 1991 to July 1993: Omni Associates
Architectural Draftsman.

20 years professional experience with additional experience in construction, interior design and developing.

PROJECT EXPERIENCE

Project Participation and Design: Experience ranges from design, detailing and drafting through project management and construction administration of building projects in various states, including West Virginia, Tennessee, Kentucky and South Carolina. Project experience includes:

- Public School Facilities
- Community Centers
- Recreational Facilities
- Aviation Facilities
- Health Care/Hospice Facilities
- Medical and Psychiatric Clinics
- Pharmaceutical Facilities
- Research and Development Labs
- Office Buildings
- Rest Areas and Welcome Centers
- Historic Preservation
- Historic Renovation/Additions
- Adaptive Reuse
- Governmental Facilities
- Military Support Facilities/Armories
- Multi-Family Housing
- ADA Assessments
- HUD 811, 202 and ECHO Facilities
- Small Cities Block Grants
- Public Safety Facilities

AFFILIATIONS

National Council of Architectural Registration Boards (NCARB)
American Institute of Architects (AIA)

AWARDS

2008 AIA West Virginia Honor Award for Excellence in Architecture
For the historic preservation of the Upshur County Courthouse.

2010 AIA-West Virginia Merit Award for Achievement in Architecture
For the I-79 Rest Areas in Burnsville



JOHN R. FARNHAM
CADD Technician

EDUCATION

Center College, Two Year Drafting Degree
Ben Franklin Career Center, AutoCad Course, 1995

**PROFESSIONAL
HISTORY**

July 1996 to Present: Chapman Technical Group
Architectural Technician and CADD Designer.

1986 to 1995: Jerry Goff Architecture
Draftsman.

1976 to 1986: Gandee, Thomas & Sprouse - Architects
Draftsman.

1974 to 1976: Don Moses - Architecture
Draftsman.

37 years professional experience.

**PROJECT
EXPERIENCE**

Bridge and Highway: Responsible for CADD drafting on right-of-way plans, maintenance of traffic plans, signing and marking plans, boring plans and boring cross sections, typical sections and details.

Water and Wastewater: Responsible for CADD drafting on treatment plants, improvements on existing and new facilities, stormwater plans, booster stations, meter vaults, water system updates for both public and private sectors, PRV plans and details.

Architectural/Structural: Responsible for CADD drafting on schedules, details, floor plan designs, framing plans and details, foundation plans and details, renovation of buildings, reflected ceiling plans, cross sections, building interior and exterior elevations, roof plans and details, plumbing plans and details, HVAC plans and details, and building code implementation.



ROBERT G. BELCHER, P.E.
Senior Vice President, Engineering
and Project Officer

EDUCATION

West Virginia Institute of Technology, BSCE, 1983

REGISTRATION

Civil Engineering, West Virginia, 1996

Civil Engineering, Ohio, 2006

**PROFESSIONAL
HISTORY**

January 1987 to Present: Chapman Technical Group
Senior Vice President and Project Officer.

June 1984 to January 1987: Regional Intergovernmental Council
Planning and Development Council for West Virginia Region III - Metropolitan
Planning Organization for Charleston, WV, MSA.

27 years professional experience.

**PROJECT
EXPERIENCE**

Water Systems: Design and project management for numerous water systems for both public and private water companies. Projects include new water treatment plants as large as 10 MGD, improvements to existing plants, water mains and distribution systems. Water storage projects include glass-lined steel tanks, welded high-strength steel tanks, and elevated pedestal tanks.

Wastewater Systems: Design and project management for numerous wastewater systems throughout West Virginia. Projects include new, secondary and tertiary wastewater treatment plants as large as 4.5 MGD, improvements to existing plants, small-flow treatment plants, new and rehabilitation of wastewater collection systems, and facility plan updates.

Miscellaneous: Design and project management for large highway and bridge projects, airport improvements projects, large stormwater management projects, as well as potable water and wastewater system design for site development projects throughout West Virginia.

AFFILIATIONS

Water Environment Association - WV Section
Contractor's Association of West Virginia - Associate Member
American Water Works Association - WV Section
WV Society of Professional Engineers
American Council of Engineering Companies - ACEC/WV
WVUIT Civil Engineering Advisory Board
WV Qualifications Based Selection (QBS) Council

AWARDS

George Warren Fuller Award, 2001



STEPHEN M. JOHNSON, PE
Group Manager
Civil/Environmental Engineering

EDUCATION

West Virginia Institute of Technology, BSCE, 2004

REGISTRATION

Civil Engineering, West Virginia, 2009
Civil Engineering, North Carolina, 2008
Civil Engineering, Virginia, 2011

EXPERIENCE

January 2009 to Present: Chapman Technical Group
Civil Engineer

October 2006 to January 2009: McKim and Creed
Civil Engineer

May 2004 to October 2006: Chapman Technical Group
Civil Engineer

June 2001 to May 2004: Allegheny Power
Gas Support Technician/Intern

7 years professional experience.

**PROJECT
EXPERIENCE**

Water Systems: Overall experience includes planning, design, bidding, and construction administration/management of various public and private water system projects throughout West Virginia, Virginia, and North Carolina. Specific project experience includes distribution systems, river crossings, horizontal directional drills, booster stations, treatment plants, ground and elevated water storage tanks, SCADA systems computer modeling, treatment process evaluation, and problem troubleshooting in existing systems.

Wastewater Systems: Overall experience includes comprehensive system master plans, design, bidding, construction administration/management of various public and private wastewater system projects throughout West Virginia, Virginia, and North Carolina. Specific project experience includes gravity and low-pressure collection systems, pump stations and force main transmission systems, treatment plant process evaluation and design, trenchless pipeline rehabilitation, bypass pump system design, odor and corrosion control, effluent infiltration ponds, decentralized and alternative on-site disposal systems, and SCADA systems.

Stormwater Systems: Overall experience includes comprehensive system master plans, design, bidding, construction administration/management of various public and private stormwater system projects throughout West Virginia, Virginia, and North Carolina. Specific project experience includes drainage basin hydraulic analysis, stormwater collection, detention and BMP system design, construction stormwater management plan preparation, and MS4 permit guidance.



ROGER J. KENNEDY, ASLA
Landscape Architect
and Project Manager

EDUCATION

West Virginia University, BSLA, 1990
Natural Stream Training Courses I - III, West Virginia University, 2000-2002.

REGISTRATION

Landscape Architect, West Virginia, 1993

**PROFESSIONAL
HISTORY**

June 1990 to Present: Chapman Technical Group

Landscape Architect, Project Manager and Computer Network Manager.

May 1989 to May 1990: WVU and the National Park Service

Inventoried and analyzed abandoned mine sites along the New River Gorge National River utilizing PC ArcInfo.

22 years professional experience.

**PROJECT
EXPERIENCE**

Site Development: Responsibilities include grading design, site planning and layout, analysis of existing features and services, storm water design and management, erosion control, as well as project management. Projects include prisons, landfills, military complexes, banks, airports, subdivisions, gas stations and other public facilities.

Bridge and Highway: Responsibilities include the design of horizontal and vertical road alignments, superelevation design, intersection layout, slope design and quality control review. Projects include several multi-lane highways and bridges throughout West Virginia.

Miscellaneous: Other experience includes the use of various civil design software packages for use in site development and road design, digital terrain modeling, hydraulic analysis and related computer aided design tools. Additional responsibilities include the development and management of the computing resources of the company. This includes the management of software and hardware inventories, as well as the development and management of all local area networks in each office and the wide area network which links them.

AFFILIATIONS

Member of the West Virginia State Board of Landscape Architects
Member of the Sigma Lambda Alpha Honor Society of Landscape Architects
President of St. Albans Riverfest, Inc.



ROBERT D. DINSMORE
Project Designer

EDUCATION

West Virginia University, BSLA, 2010

**PROFESSIONAL
HISTORY**

June 2010 to Present: Chapman Technical Group
Project Designer.

Fall 2008 to Fall 2009: West Virginia University
Teaching Assistant, Intro to Landscape Architecture Graphics

Fall 2009 to Spring 2010: West Virginia University
Teaching Assistant, History of Landscape Architecture

Summer 2008: Austin Outdoor Landscape Professionals
Landscape Architecture Intern,

2006 to 2007: Austin Outdoor Landscape Professionals
Project Manager

1 year of professional experience. Mr. Dinsmore is responsible for the design and development of urban design projects, parks and recreation projects, and landscape design.

**PROJECT
EXPERIENCE**

Urban Design: Designed and developed a master plan as part of his senior thesis for the Boston waterfront development.

Recreation Design: Developed master plans and designs for various facilities as part of scholastic studies.

Landscape Design: Designed and installed numerous landscape plans for high end residential and resort projects constructed in Florida.

AFFILIATIONS

Student Society of Landscape Architects (WVU Vice-President)
Sigma Lambda Alpha Landscape Architecture Honorary (WVU President)
G.E.R.M.A.N. Club of Virginia Tech
Sunnyside Up Campus Neighborhoods Revitalization Corporation (Volunteer)

AWARDS

ASLA Student Honor Award Winner 2010
ASLA Student Merit Award Nominee 2010



FRED L. BROWN
CADD Manager

EDUCATION

Carver Career Center, Two Year Drafting/Cad Degree, 1997
Glenville State College, 20 Hours Toward Forestry Degree, 1988
Attended AUTOCAD14 Training Class Provided By Digital Graphics

**PROFESSIONAL
HISTORY**

2002 to Present: Chapman Technical Group
CADD Manager.

1997 to 2002: Chapman Technical Group
Engineering Technician and CADD Designer.

14 years professional experience.

**PROJECT
EXPERIENCE**

Bridge and Highway: Responsible for CADD drafting on basemap, site development, construction plan sheets, signal plans, superelevation plans, existing and proposed utilities, utility relocation plans, lighting plans, boring construction plans, typical sections and details, mainline cross sections, bridge plans and details, attenuator details, guardrail plan layout and details, geometric plans, station and offsets of mainline centerline, stationing and curve geometric information, survey reference and control plans, point dump creations.

Architectural/Structural: Responsible for CADD drafting on existing and proposed building plans, structural framing plans and details, foundation plans and details, structural scheduling.

Site Design: Responsible for CADD drafting on proposed site layouts, site details and cross sections.

Airport: Responsible for CADD drafting on existing and proposed taxiways and runways, taxiway signage, hangar layout, and airport master plans.

Mapping: Responsible for CADD drafting for city street and zoning maps.

Water and Wastewater: Responsible for CADD drafting on treatment plants, improvements on existing and new facilities, stormwater plans and profiles, booster stations, meter vaults, water system updates for both public and private sectors, PRV plans and details.

AFFILIATIONS

Member, National Vocational-Technical Honor Society (NV-THS)

ACHIEVEMENTS

First place winner in Carver Career Center VICA skills competition and represented Carver at the state VICA competition for technical drafting.

Judge in 2001 State VICA skills competition for technical drafting.



H a r p e r E n g i n e e r i n g

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Jason E. Harper, PE
(304)-541-1390
jason@harperengwv.com

Education

West Virginia University Institute of Technology
Montgomery, WV
Bachelor of Science-Mechanical Engineering

Registrations/Professional Affiliations

WV licensed Professional Engineer
ASHRAE

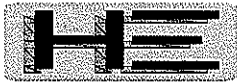
Experience

Jason E. Harper, PE brings 5 years design experience to our firm. He has experience with HVAC and piping design. His projects include educational facilities (including colleges and universities), health care facilities, office buildings, banks, emergency services facilities, postal facilities, and government buildings.

Projects

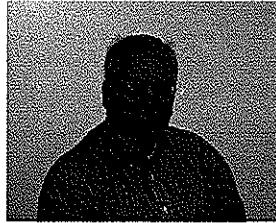
Princeton Community Hospital MRI
Lewisburg Readiness Center
WVARNG Fire Station
Mylan Pharmaceuticals Expansion
Raleigh Co. 911 Center

Independence High School HVAC
Liberty High School HVAC
Grafton High School Addition
Robert Byrd Health Science Center
TMH MRI Addition- Ashton Place



H a r p e r E n g i n e e r i n g

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Richard M. Standish
(304)-722-3206
Rick@harperengwv.com

Registrations/Professional Affiliations

ASHRAE

Experience

Richard M. Standish brings 35 years design experience to our firm. He has experience with HVAC, plumbing, and electrical design. His specialty is the electrical design of water treatment and wastewater treatment plants. Rick's projects include treatment plants, educational facilities (including colleges and universities), health care facilities, office buildings, banks, emergency services facilities, postal facilities, and government buildings.

Projects

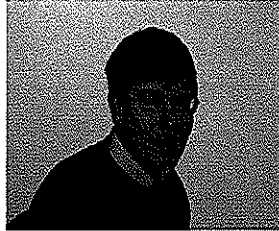
Brooke County High School
University of Charleston Dorm
Tri-State Gaming Center
Mylan Pharmaceuticals Expansion
Mason Co. 911 Center
Bank of Martinsburg
Kenova WTP
Boone County WWTP
Salt Rock PSD
Eleanor Maintenance Facility

Wyoming West High School
WVU- Boreman Hall
Greenbank Observatory
Robert Byrd Health Science Center
WV DEP Consolidated Offices
Glenville WTP
City of Mannington WTP
Charles Town WWTP
St. Albans WWTP
United Methodist Church



H a r p e r E n g i n e e r i n g

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Scott D. Phillips
(304)-722-3602
Scott@harperengwv.com

Education

Ben Franklin Career and Technical Center
Dunbar, West Virginia
Certificate: Mechanical Drafting

Registrations/Professional Affiliations

American Society of Plumbing Engineers

Experience

Scott D. Phillips brings 24 years design experience to our firm. He has experience with plumbing and fire suppression system design. His projects include educational facilities (including colleges and universities), health care facilities, office buildings, banks, emergency services facilities, postal facilities, and government buildings.

Projects

Wyoming West High School
Capital High School
Brooke County High School
WVARNG Fire Station
Mylan Pharmaceuticals Expansion
Tri State Gaming Center

Eleanor Readiness Center
Eleanor Maintenance Facility
Charleston Gardens Assisted Living
Concord Alumni Center
WVU- Boreman Hall Sprinkler

References



1. Mr. Dave Weekly
Facilities Manager

Ritchie County Board of Education
134 South Penn Avenue
Harrisville, WV 26362
(304) 643-2991
2. Mr. Steve Casto
Facilities Manager

Lewis County Board of Education
506 Holly Avenue
Weston, WV 26452
(304) 269-8300 ext. 112
3. Ms. Wilma Zigmond
Superintendent

Logan County Board of Education
506 Holly Avenue
Logan, West Virginia 25601
(304) 792-2060
4. Mr. Charles H. Wilson
Administrative Asst. for Facilities
/Operations

Kanawha County Board of Education
Facilities Planning Department
3300 Pennsylvania Avenue
Charleston, West Virginia 25302
(304) 348-6148
5. Mr. Bob Daquilante
Superintendent

Ritchie County Schools
134 South Penn Avenue
Harrisville, West Virginia 26362
(304) 643-2991, ext 237