



**Chapman  
Technical  
Group**  
a division of  
GRW

David Pauline, Senior Buyer  
Department of Administration, Purchasing Division  
2019 Washington Street, Eastt  
Charleston, WV 25305-0130

RECEIVED  
07/29/21 10:55:36  
WV PURCHASING DIVISION

**Re: EOI/Statement of Qualification  
For Historic Preservation Services**

Dear Selection Committee:

Chapman Technical Group is proud to provide this Expression of Interest and Statement of Qualifications for historic preservation services to the West Virginia Army National Guard for seven WVANG facilities. Having provided these services for WVDOH and WVDNR, this project is firmly within the expertise of Chapman Technical Group, and we look forward to having an opportunity to assist with your Historic Resource Surveys.

Chapman Technical Group has a proven track record of providing successful historic preservation projects which meet client goals, budgets, and timelines. Our expertise in preservation work led to providing historic resources surveys and facility assessment reports of nine buildings for WVDOH Division One in Charleston. Through this process we determined which buildings were of historic nature and the conditions of those buildings. This information was used to determine which buildings could economically and effectively be repurposed to their needs and how to develop the Division One Campus. For WVDNR, we provided surveys for five buildings to support and provide guidance for improvements at the Bowden and Ridge State Fish Hatcheries. Information on these projects and sample HPI forms are included.

Chapman Technical Group, as part of GRW, has a staff of architects and engineers in our family of over 200 professionals. From this wealth of talent, we will select a team that is experienced in historic preservation projects to efficiently complete this project. If assessments of the buildings are desired in addition to historic resources surveys, we will add to the team Carol Stevens of CAS Structural Engineering, whom we work with regularly and who has particular expertise in historic structural work.

Enclosed are descriptions of relevant past projects that demonstrate our overall capabilities, firm and team experience, project management plan, key personnel expected for this project, proposed subcontractors, as well as a discussion of project quality and cost control. We would appreciate a personal interview to discuss your project and our capabilities. Meanwhile, if you have any questions or need additional information, please contact me.

200 Sixth Avenue  
Saint Albans, WV 25177

304.727.5501  
304.727.5580 Fax

Buckhannon, WV  
Lexington, KY

[www.chaptechnical.com](http://www.chaptechnical.com)

Sincerely,

**CHAPMAN TECHNICAL GROUP**

Phillip A. Warnock, AIA, NCARB  
Historic Architect

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# COMPANY OVERVIEW & AWARDS



Established in 1984, Chapman Technical Group has steadily grown into a diverse firm of professionals, many of whom were educated in West Virginia colleges and universities. We have achieved an outstanding reputation for developing high-quality projects, while meeting schedules and budgets.

In 2013, Chapman Technical Group was acquired by the Lexington, Kentucky based A/E firm of GRW, allowing us to provide a wider range of services while expanding our resources. Now, in addition to our offices in St. Albans, Buckhannon, and Martinsburg, West Virginia, as part of the GRW family, we also work in Kentucky, Ohio, Tennessee, and Indiana.

Our architectural group not only designs new buildings from the ground up, but also specializes in renovations and historic restoration projects. Our award-winning landscape architects provide master planning, as well as detailed site design for parks and public spaces projects.

In addition to our building studio, our engineering support staff gives us the ability to meet almost any challenge a project may present. All of our mechanical, electrical, plumbing engineering is provided in-house, and our civil engineers work with our landscape architects to provide site designs that are functional while achieving a high level of aesthetics.

Water and sewer system design is accomplished by our environmental engineers, and when on-site wastewater treatment is required, we can do it.

Working with our airport group, we can provide full airport design services, from runway and lighting design, to hangars and terminal buildings.

# COMPANY OVERVIEW & AWARDS



SRC Building Renovation  
WV AIA Merit Award, 2016  
Historic Preservation



I-79 Rest Area  
AIA Merit Award, 2010

# COMPANY OVERVIEW & AWARDS



Upshur County Courthouse Renovations  
WV AIA Honor Award, 2008  
Historic Preservation



# COMPANY OVERVIEW & AWARDS



Upper Big Branch Miners Memorial  
WV ASLA Honor Award, 2012



Nuttallburg Historic Mining Complex  
WV ASLA Merit Award, 2012

## SECTION 1.0 - RELEVANT EXPERIENCE



**WV State Capitol Building  
Stair and Plaza Restoration  
Charleston, WV**

Chapman Technical Group and our parent company GRW is a full service architectural and engineering firm with a wealth of experience in historic preservation.

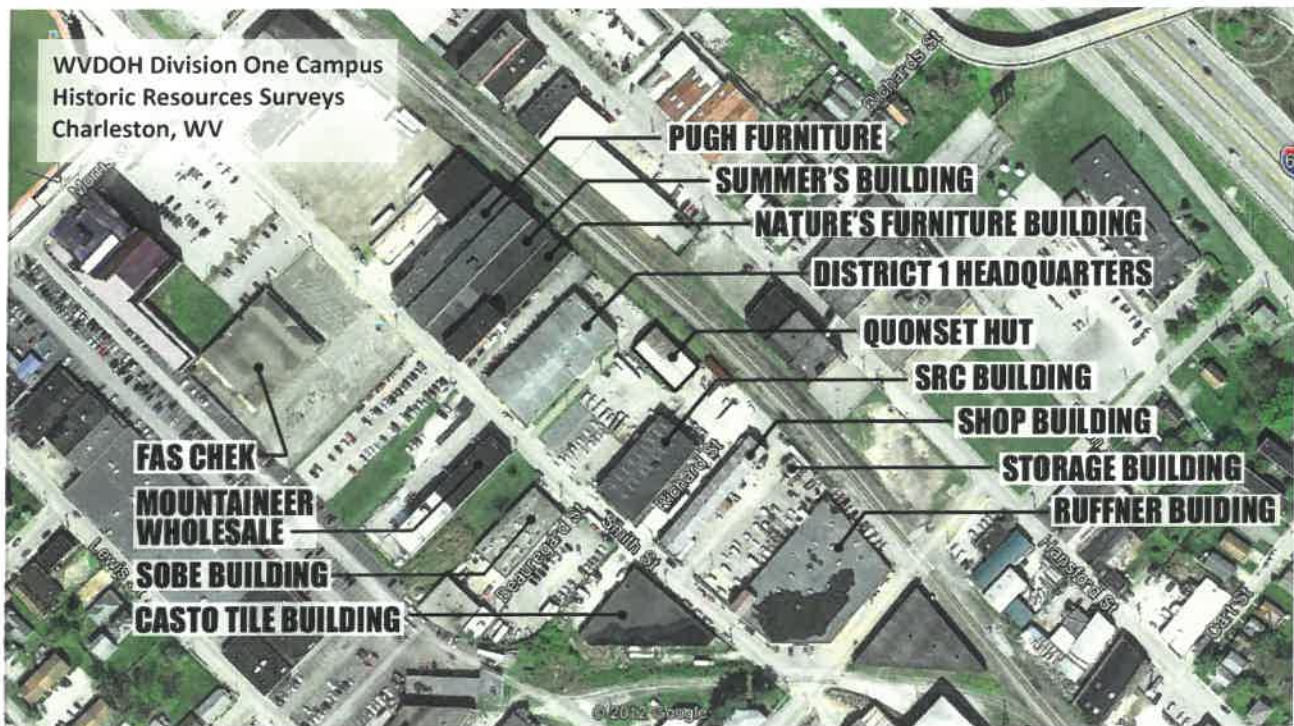
Our experience with Historic Resource Surveys follows directly from our experience in historic preservation.

Our team has restored and replaced the common materials present historic buildings. We have observed previous repairs and continually add to our understanding of what works well. We have the experience and knowledge to observe a building's conditions, determine the root causes of issues, detail restorations, prioritize needs, and assist you in determining how and when the work would best be accomplished.

Chapman Technical Group's historic preservation work is provided according to the Department of Interior Standards for Treatment of Historic Properties, and we work well with the State Historic Preservation Office to accomplish the Owner's goals and needs while preserving the true history of the place.

Through this process of historic preservation design, learning about the history of the building is essential. Understanding the building - the setting, the people who used it, what the building was, what it became, when it was constructed, why it was built, and what happened there – informs the decisions about what is important to preserving in the building and how to do it. Examples of our Historic Resources Surveys and select Historic Preservation projects follow.

# HISTORIC RESOURCES SURVEYS



Our historic preservation projects led Chapman Technical Group to performing building evaluations, Historic Resources Surveys, and completing Historic Property Inventory (HPI) Forms according to the guidelines in the WVSHPO's National Register and Architecture/History Survey Manual.

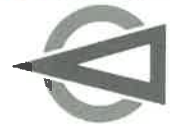
The WV Department of Transportation, Division of Highways (WVDOH), District One Campus is in Charleston's East End Historic District. We provided building evaluations for nine structures in the campus area, determining their historic relevance, physical conditions, and which buildings could economically be repurposed to support various District One functions.

We provided similar evaluations for buildings at Ridge Fish Hatchery and Bowden Fish Hatchery for WVDNR.



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# HISTORIC RESOURCES SURVEYS



HPI forms were provided for the WVSHPO for the following structures:

**WVDOH, D1 Campus, Charleston, WV**

Quonset Hut  
State Road Commission (SRC) Building  
Shop Building  
Nature's Furniture Building  
Casto Tile Building  
Summer's Building  
Ruffner Building  
SOBE Building, and  
Mountaineer Warehouse Building.

The WV Division of Natural Resources (WVDNR) used Chapman Technical Group to provide several HPI Reviews for State Fish Hatcheries in accordance with WVSHPO requirements. Those structures include:

**Ridge Fish Hatchery, Berkely Springs, WV**

Spring House

**Bowden Fish Hatchery, Elkins, WV**

Feed Storage and Nursery Building,  
Hatchery and Office Building,  
Shop and Vehicle Storage Building, and  
Visitor's Center.

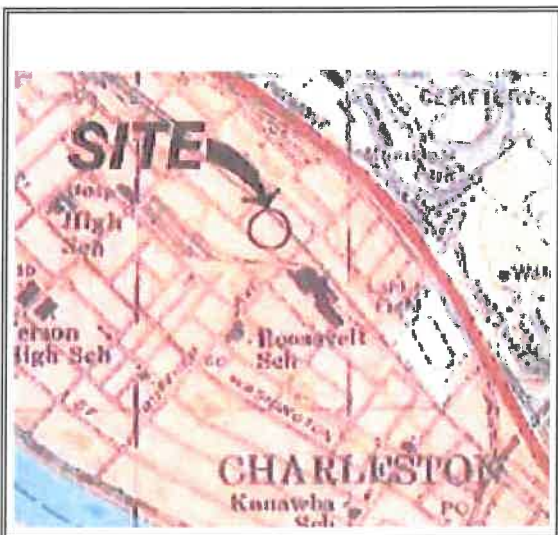
With the provision and acceptance of these HPI forms by the WV SHPO, Chapman Technical Group is fully qualified to provide the Historic Resource Surveys for WVARNG. The following HPI survey for the SRC Building serves as an example of our work, as the project sheets which follow illustrate a portion of our Historic Preservation Experience.

Internal Rating: \_\_\_\_\_



## WEST VIRGINIA HISTORIC PROPERTY INVENTORY FORM

<b>Street Address</b> 1340 Smith Street	<b>Common/Historic Name/Both</b> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> SRC (State Road Commission) Building	<b>Field Survey #</b> HPI #2	<b>Site # (SHPO Only)</b> KA 4649 – 0039
<b>Town or Community</b> Charleston	<b>County</b> Kanawha	<b>Negative No.</b> N/A	<b>NR Listed Date</b>
<b>Architect/Builder</b> Walter F. Martens, Architect 318 Masonic Temple Charleston, WV Builder unknown	<b>Date of Construction</b> Drawings dated 1927 Renovation drawings dated 1930, other renovations 1970s	<b>Style</b> Neo-Federal/Commercial	
<b>Exterior Siding / Materials</b> Brick	<b>Roofing Material</b> Composition Roofing, then EPDM	<b>Foundation</b> Concrete	
<b>Property Use or Function</b> SRC offices, drafting rooms, repair garage, machine shop	<b>UTM Zone 17S NAD 83</b> Easting 445735 Northing 4244541		
<b>Survey Organization &amp; Date</b> Chapman Technical Group 07/20/2012	<b>Quadrangle Name</b> Charleston East		
<b>Part of What Survey / FR#</b> WVDOT/DOH Dist.1 Campus State Project # G020-HDQ/6. 00			



Site No.

Name: District One Headquarters Campus Project  
 Survey Number: State Project: # G020-HDQ/6. 00  
 Project / FR#:

Federal Project: # None

<b>Present Owners</b> State of West Virginia Department of Transportation Division of Highways	<b>Owners Mailing Address</b> 1900 Kanawha Blvd. Building 5 Charleston, WV 25305
<b>Describe Setting</b> <span style="float: right;">Unknown -- &lt;1 Acres</span> <input type="checkbox"/> Archaeological Artifacts Present The SRC Building is located within the Warehouse District of the East End of Charleston, Kanawha County, West Virginia. The surrounding resources are almost entirely commercial, mercantile, or industrial in nature. Many structures are multi-story, multi-wythe brick masonry structures. Many area structures are zero-lot line structures, with entire lots being utilized for built area, common demising walls being provided between structures, and entries built directly adjacent to the sidewalk, without yards. This building was built on a corner lot facing Smith Street. The side street is now gated, utilized for DOH campus access and has grassed areas buffering the building. The opposite side of the building is bounded by parking lots, and the back of the building has vehicle access, fuel pumps and a fuel house.	
<b>Description of Buildings or Site (Original and Present)</b> <span style="float: right;">2 Stories      3 Front Bays</span> The SRC Building is a raised two-story, multi-wythe, red brick structure with concrete foundation walls. Circa 1927, the building has operable windows on all facades, having high ceilings and transoms to provide cross-ventilation. The structure exhibits a functional symmetry, providing symmetrical dual stone entries at the front of the building, though the symmetry of the rear of the structure is interrupted with two vehicle ramps leading to the first floor and the basement. The street sides were clad in a finer, vertical raked brick while the less exposed facades were clad with flat brick. Stone parapet caps, window sills and entries were provided. The first and second floor structure is concrete encased steel supporting concrete decks. The roof structure consists of sloping bar joists supporting a concrete deck which originally had composite roofing. The low slope roof drains to the parking lot side of the structure, where rain runoff is collected in a single gutter running almost the full length of the building. Corbelling of the brickwork provides detailing that accentuates the entries and provides a cornice toward the front of the building.	
<b>Alterations</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No    If yes, describe Drawings dated 1930 detail renovations that expanded the offices throughout the first and second floors, removed a vehicle ramp along the side street, and provided skylights with ventilators to the new drafting areas and offices on the second floor. An elevator at the center of the structure was also removed and replaced with a set of stairs connecting the first and second floors. 1970's era renovations provided drop ceilings and wood paneling in certain offices, presumably as part of that era's energy conservation efforts.	
<b>Additions</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No    If yes, describe  	
<b>Describe All Outbuildings</b> Fuel house – Roughly 8'x48' wood structure with T-111 siding and shed roof. Fuel Tank and pumps – 20,000 gallon gas/diesel fuel tank. Tank and pumps are protected by bollards. Quonset Hut – 100'x40' US Navy Utility Building. See HPI 1 "Quonset Hut" for additional information.	
<b>Statement of Significance:</b> See Continuation Sheet	
<b>Bibliographical References</b> Drawings for State Road Commission Building, dated 1927, and 1930 revised drawings by Walter F. Martins, Architect. Charleston East End New Market Square Warehouse District Historic Resource Survey 2002: by Michael Gioulis. Nature's Furniture Property, Phase I Environmental Site Assessment, June 2011: Environmental Resources Management. Additional information on Walter F. Martens and the State Road Commission obtained from <a href="http://www.wvencyclopedia.org">www.wvencyclopedia.org</a> .	
<b>Form Prepared By:</b> Phillip A. Warnock, NCARB, AIA <span style="float: right;"><b>Date:</b> 10/09/2012</span>  <b>Name/Organization:</b> Chapman Technical Group <b>Address:</b> 200 Sixth Avenue St. Albans, WV 25177  <b>Phone #:</b> (304)727-5501	

# WEST VIRGINIA HISTORIC PROPERTY FORM

## CONTINUATION SHEET

Name: District One Headquarters Campus Project  
 Survey Number: State Project: # G020-HDQ/6. 00  
 Project / FR#:

Federal Project: # None

The State Road Commission (SRC) Building, located at 1340 Smith Street, was originally constructed from drawings by Walter F. Martens, Architect, dated 1927. The building was renovated from drawings dated 1930 by the same architect. The building appears on the 1933 Sanborn Maps along with the Nature's Furniture, Summer's, and Pugh Furniture Buildings, illustrating the shift from a residential neighborhood to a warehouse commercial district in the area.

The structure is similar to many schools and government office-type buildings of that era. The red brick structure is corbelled, providing subtle horizontal detailing and a dentilled cornice. Stone accents are provided at the parapet caps, window sills and entries. Dual stone front entries which led to the SRC Offices and Garage are raised from street level and are symmetrically aligned with stairs leading forward to the sidewalk. Finer, vertical raked brick was used at the street sides of the building with smooth brick being utilized on the less obvious sides.

The building is located within the Warehouse District of the East End of Charleston. The Warehouse District is significant for its association with the railroad; for its association with industry through manufacturing; and for its association with commerce and trade in the city and in the region. The SRC Building was the headquarters for the State Road Commission (precursor to the WV Department of Transportation, Division of Highways) which was created to provide "designation, construction, and maintenance of a state road system". Commerce, manufacturing and trade throughout the State have been greatly affected by the functions of the Commission through the building and maintenance of roads and interstate highways. Therefore, it is our recommendation that the SRC Building is eligible for listing in the National Register of Historic Places under Criterion A for its significance as a contributing commercial building to the Warehouse District.

The building was designed by Walter F. Martens, Architect. Martens designed notable structures including the Governor's Mansion, the Science and Liberal Arts Halls of Davis & Elkins College, the Charleston Woman's Club, Riverview Terrace Apartments, and several distinctive residences. In partnership with his son, they produced modern buildings including Ripley High School and the Charleston Civic Center. Martens served on the State Board of Architects, served a term as president of the WV American Institute of Architects, and was bestowed with the honor of AIA Fellow in 1952. Therefore, it is our recommendation that the SRC Building is eligible for listing in the National Register of Historic Places under Criterion B.

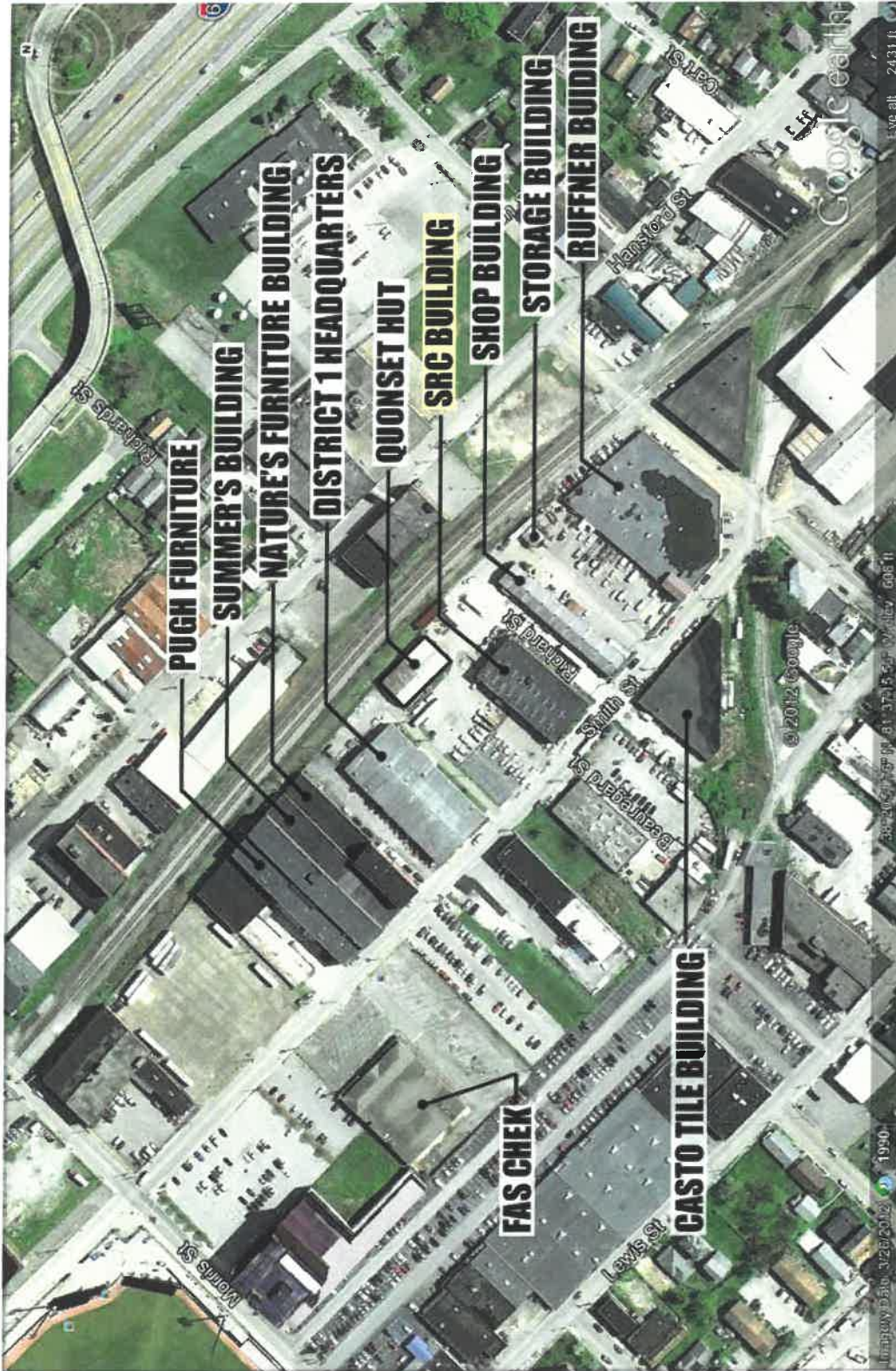
The Warehouse District is associated with architectural and engineering resources that reflect significant styles and/or reflect the application or influence of the buildings' function on the design of the building. Ramps are provided at the rear of the structure, going to the basement and first floor. The positioning of the ramps illustrate that functionality was more important than rigid symmetry in the design of the structure. Therefore, it is our recommendation that the SRC Building is eligible for listing in the National Register of Historic Places under Criterion C as an example of functional design which contributes to the Warehouse District.

The SRC Building, located at 1324 Smith Street, provides little potential to yield information important to history or prehistory. Therefore, the building is not eligible for listing in the National Register of Historic Places under Criterion D.

# WEST VIRGINIA HISTORIC PROPERTY FORM CONTINUATION SHEET

Name: District One Headquarters Campus Project  
Survey Number: State Project: # G020-HDQ/6. 00  
Project / FR#:

Federal Project: # None



SRC Building, 1340 Smith Street, Charleston, Kanawha County, West Virginia

# WEST VIRGINIA HISTORIC PROPERTY FORM CONTINUATION SHEET

Name: District One Headquarters Campus Project  
Survey Number: State Project: # G020-HDQ/6. 00  
Project / FR#:

Federal Project: # None



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Federal Project: # None



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Project / FR#:

Federal Project: # None





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Project / FR#:

Federal Project: # None



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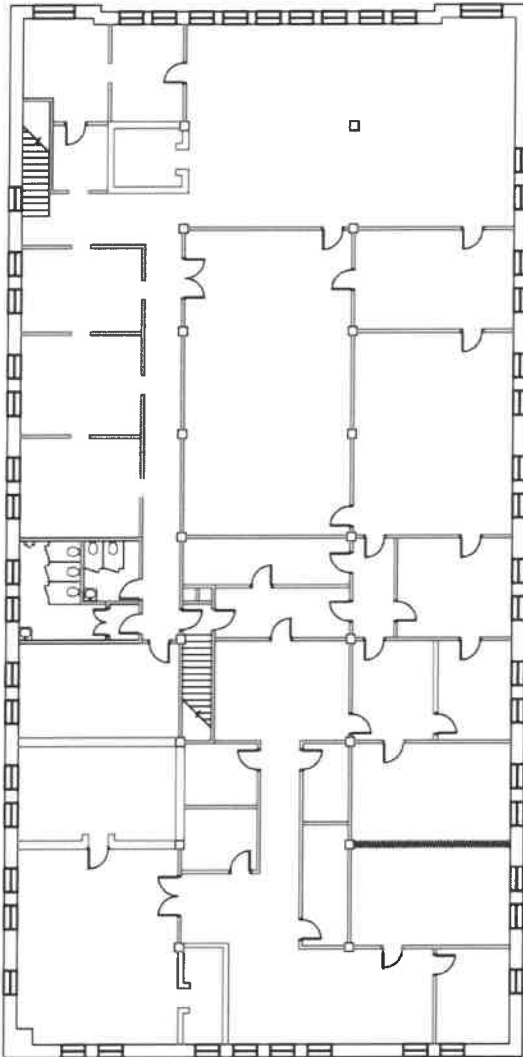


Federal Project: # None

	2012 KANAWHA WV		SHEET NO. <b>1</b>
		EAST FLOOR	FLOOR PLANS
		WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS SRC BUILDING STATE PROJECT TBD	
		REVISIONS	
Designed By: <b>BRD</b> Drawn By: <b>JAW</b> Scale: <b>AS NOTED</b>	Checked By: <b>SEN</b> Job No.: <b>13001</b> Date: <b>FEB 2012</b>		

# WEST VIRGINIA HISTORIC PROPERTY FORM CONTINUATION SHEET

Name: District One Headquarters Campus Project  
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 Project / FR#:

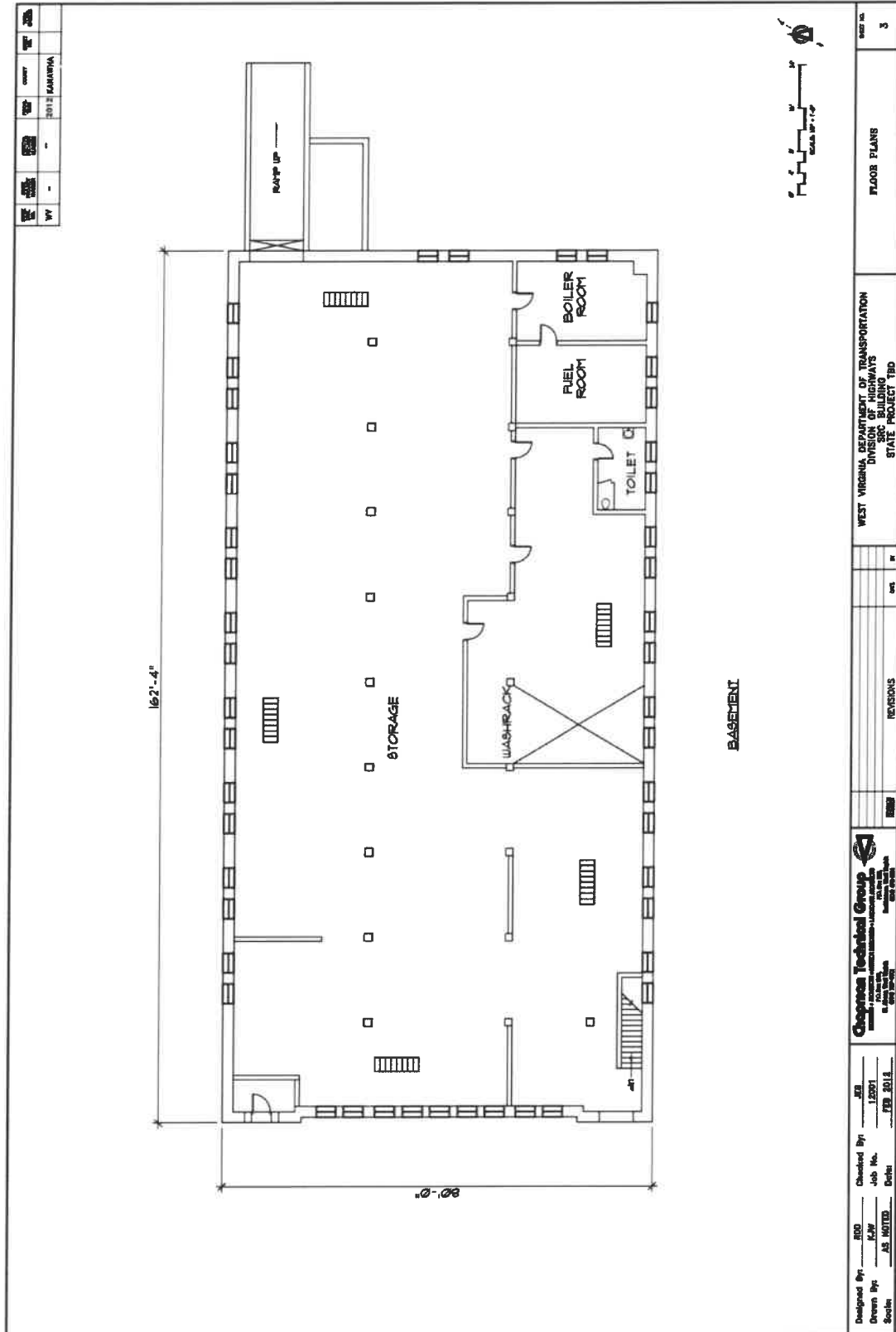
Federal Project: # None

			SHEET NO. <b>2</b>
<b>SECOND FLOOR</b>		WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF AIRPORTS SRC BUILDING STATE PROJECT TBD	
DESIGNED BY: <u>                    </u> DRAWN BY: <u>                    </u> SCALE: <u>                    </u>		CHECKED BY: <u>                    </u> JOB NO.: <u>                    </u> DATE: <u>                    </u>	
DESIGNED BY: <u>                    </u> DRAWN BY: <u>                    </u> SCALE: <u>                    </u>		CHECKED BY: <u>                    </u> JOB NO.: <u>                    </u> DATE: <u>                    </u>	
REVISIONS			
			

# WEST VIRGINIA HISTORIC PROPERTY FORM CONTINUATION SHEET

Name: District One Headquarters Campus Project  
 Survey Number: State Project: # G020-HDQ/6. 00  
 Project / FR#:

Federal Project: # None



DESIGNED BY: <b>BRD</b>	CHECKED BY: <b>JAN</b>	DATE: <b>12/21/11</b>	<b>Chester Technical Group</b> ARCHITECTS 1000 MARKET STREET CHARLESTON, WV 25301 304.742.1111	WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS SRC BUILDING STATE PROJECT TBD	FLOOR PLANS 3
DRAWN BY: <b>AS NOTED</b>	JOB NO. <b>12021</b>	DATE: <b>FEB 2011</b>			
REVISIONS					



## Chapman Technical Group St. Albans Office

200 Sixth Avenue  
St. Albans, West Virginia 25177

The project included the design of the renovation of an existing 7,000 square-foot building and an 8,000 square-foot addition. The building, formerly U.S. Post Office, now serves as the main office of Chapman Technical Group. The renovation was completed in accordance with the U.S. Department of Interior standards and is now on the National Register for Historic Places.

The office was designed to provide optimum working conditions and included custom-designed CADD workstations and lighting, as well as conference and meeting room facilities. The building houses a complete fitness center, including locker rooms and showers, to provide incentive for employee wellness.





## West Virginia Department of Administration WV State Capitol Main Stairs and Lincoln Plaza Restoration Charleston, West Virginia

Built in 1930's, ninety years of use and exposure to elements deteriorated the monumental entry stairs and Lincoln Plaza at the WV State Capitol. Chapman Technical Group designed and provided construction administration for their restoration of the 28,000 SF, \$1.6M historic project.

Limestone at stairs, fountains, and landings were repaired with stone mortar, re-surfaced, re-set, or were replaced entirely. That limestone was repointed along with the brick plaza pavers. The concrete walks and ramp were replaced with the ramp's curved bronze handrails now providing access to the plaza level. Failed trench drains were replaced with stainless steel to manage storm water that caused some of the deterioration. The limestone base for the statue of Lincoln was re-set, with new lead caps protecting the transition to the granite. This work, plus the stair wing walls, were cleaned using methods appropriate for historic work.





## WV Division of Highways State Road Commission Building Renovation Charleston, WV

As part of the West Virginia Division of Highways District One Campus Renovation, the former State Road Commission Building was renovated to serve as an office building for various DOH personnel. The historical 40,000 square-foot facility retained many historical features, including original doors and transoms, while providing energy-efficient and cost effective systems throughout. In addition to a complete interior makeover that included a historic information center and radio studio, the building also received new exterior doors, windows, roofing and a new elevator. A skywalk connects the building to a new Headquarters Building being constructed beside the SRC Building. A courtyard was also constructed for employee use.





**Upshur County Commission**  
**Upshur County Courthouse Renovations**  
38 West Main Street  
Buckhannon, West Virginia

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 plaza renovated in 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.

*American Institute of Architects, Honor Award, 2008*



*Dome Restoration Detail*





**Lewis County Commission**  
**Courthouse Conditions Report/Roof Restoration**  
18 Garton Plaza  
Weston, West Virginia

Chapman Technical Group provided the Lewis County Commission with a report to identify and evaluate the conditions of their courthouse, including prioritized recommendations for repairs and restorations for the building envelope and structure, based on the urgency and consequences of the work. These recommendations were coupled with anticipated construction cost, to assist the Commission in determining funding and scheduling phases for the work to be accomplished. The Commission then selected Chapman Technical Group to design and provide construction administration services for the most urgent of the Courthouse needs, which included restoring the steel domes and roofing, providing structural improvements where past leaks had caused damage to bell tower members.



Court House, Weston, W. Va.

Pub by T.P. Wright & Co



## Tucker County Commission

### Jailer's Residence Restoration

213 First Street  
Parsons, West Virginia

Chapman Technical Group was hired by the Tucker County Commission to provide a conditions report for the stabilization and restoration of the Tucker County Courthouse and Jailer's Residence. After evaluating and assessing the condition of the existing structure; Chapman Technical Group submitted a detailed plan for the stabilization of the structure, and recommendations on how to restore and renovate the structure for future use. A prioritized budget was compiled identifying the most critical and immediate repairs that should be scheduled as soon as funds became available, and restoration, upgrades, and ongoing maintenance that could be delayed to future dates. Phase 1 of this plan was completed in 2011 to refurbish, repoint, and stabilize the chimneys of the Courthouse and the Jailer's Residence (Commission Offices).





## U.S. Federal Courthouse Renovation

Atlanta, GA

GRW was part of the design-build team selected by the U.S. General Services Administration (GSA) to design and construct improvements for the federal courthouse located on Barr Street in Lexington, KY. The project team's design enhanced security at the building through the renovation of existing space, as well as new construction. Improvements included upgraded security electronics, site blast protection, and circulation / control enhancements.

Built in 1934, the building is listed on the National Register of Historic Places. The Federal Courthouse was originally constructed as a Post Office and is the base for one of six U.S. District Court locations for the Eastern District of Kentucky. The four-story building, plus basement, contains 84,000 SF of rentable space and currently houses both the U.S. District Court, the U.S. Marshals Service, U.S. Attorneys, and the U.S. General Services Administration.

GRW's specific role on the design-build team was to provide civil/site engineering, and mechanical and electrical engineering. Sustainability was a key factor as the addition achieved a 33% energy efficiency improvement over code, exceeding EPA requirements for federal buildings. The project involved a phased construction schedule; work was completed while the building was occupied.



# STRUCTURAL INVESTIGATION MAIN CAPITOL BUILDING DOME

Charleston, West Virginia



The structural steel in the lantern level shows evidence of deterioration. Project included probing to determine extent of deterioration and preparation of plans and specifications for repairs.



The structural steel after being repaired and the regilding complete. Project included returning the dome to the original Cass Gilbert color scheme.

**AIA New York State Merit Award 2006**





Concrete at the railing level was hidden from view and repaired once the sheet metals was removed and the deterioration was found.



Completed dome restoration shows the original sheet metal detail on the previous lead coated copper sheet metal. The lead coating was compromised over the years. As a result, a coating system had to be applied to protect the copper sheet metal.

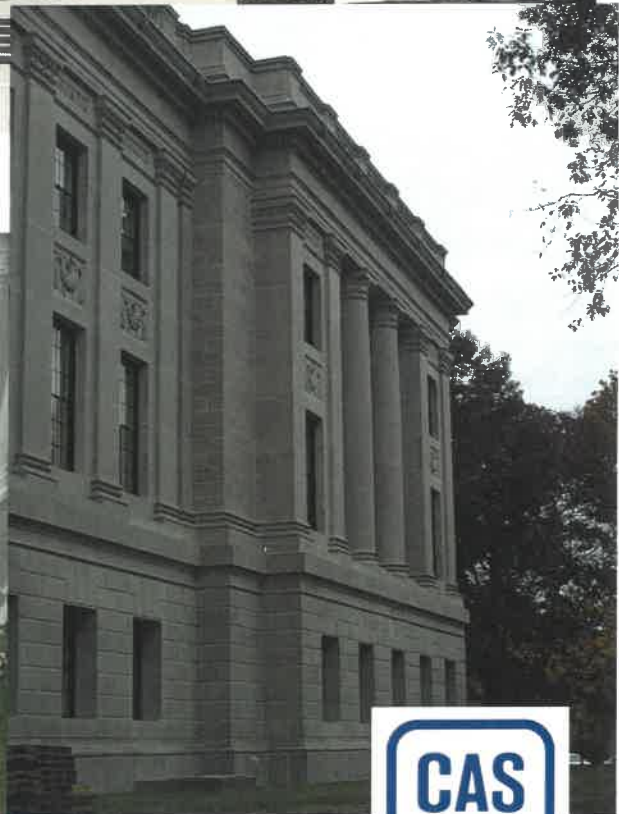


# EXTERIOR FAÇADE RESTORATION MAIN CAPITOL BUILDING

Charleston, West Virginia



Exterior façade restoration included cleaning, pointing, and repairs to the limestone and terra cotta components, windows and doors.



# TUCKER COUNTY COURTHOUSE INVESTIGATION AND REPAIRS

Parsons, West Virginia



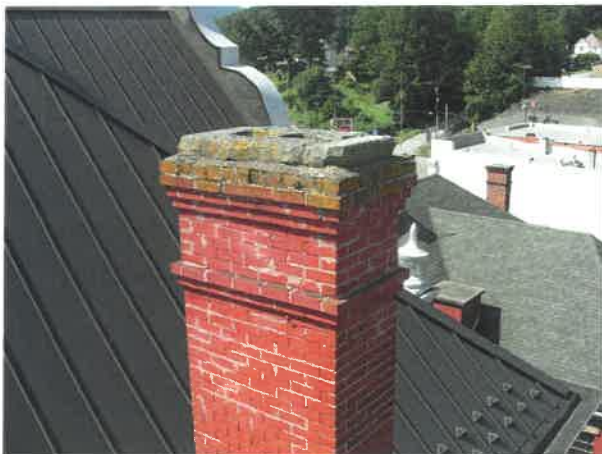
This 1898 courthouse is constructed of massive red brick with and is a centerpiece in Parson, Tucker County, WV. This project included providing a condition assessment report for stabilization and restoration of this structure.



The façade elements are in need of repair in many locations.



The chimneys are in need of repointing and new caps. Additionally, there are several structural issues related to framing that are in need of repair. The assessment report, which included budgeting of the repair items, led to the first phase of repairs/restoration of the chimneys.





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Limestone at stairs, fountains, and landings were repaired with stone mortar, re-surfaced, re-set, or were replaced entirely. That limestone was repointed along with the brick plaza pavers. The concrete walks and ramp were replaced with the ramp's curved bronze handrails now providing access to the plaza level. Failed trench drains were replaced with stainless steel to manage storm water that caused some of the deterioration. The limestone base for the statue of Lincoln was re-set, with new lead caps protecting the transition to the granite. This work, plus the stair wing walls, were cleaned using methods appropriate for historic work.





## WV Division of Highways State Road Commission Building Renovation Charleston, WV

As part of the West Virginia Division of Highways District One Campus Renovation, the former State Road Commission Building was renovated to serve as an office building for various DOH personnel. The historical 40,000 square-foot facility retained many historical features, including original doors and transoms, while providing energy-efficient and cost effective systems throughout. In addition to a complete interior makeover that included a historic information center and radio studio, the building also received new exterior doors, windows, roofing and a new elevator. A skywalk connects the building to a new Headquarters Building being constructed beside the SRC Building. A courtyard was also constructed for employee use.





*American Institute of Architects, Honor Award, 2008*

## **Upshur County Commission Upshur County Courthouse Renovations** 38 West Main Street Buckhannon, West Virginia

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 plaza renovated in 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*



**Lewis County Commission**  
**Courthouse Conditions Report/Roof Restoration**  
18 Garton Plaza  
Weston, West Virginia

Chapman Technical Group provided the Lewis County Commission with a report to identify and evaluate the conditions of their courthouse, including prioritized recommendations for repairs and restorations for the building envelope and structure, based on the urgency and consequences of the work. These recommendations were coupled with anticipated construction cost, to assist the Commission in determining funding and scheduling phases for the work to be accomplished. The Commission then selected Chapman Technical Group to design and provide construction administration services for the most urgent of the Courthouse needs, which included restoring the steel domes and roofing, providing structural improvements where past leaks had caused damage to bell tower members.



Court House, Weston, W. Va.

Pub by T.P. Wright & Co



## Tucker County Commission

### Jailer's Residence Restoration

213 First Street  
Parsons, West Virginia

Chapman Technical Group was hired by the Tucker County Commission to provide a conditions report for the stabilization and restoration of the Tucker County Courthouse and Jailer's Residence. After evaluating and assessing the condition of the existing structure; Chapman Technical Group submitted a detailed plan for the stabilization of the structure, and recommendations on how to restore and renovate the structure for future use. A prioritized budget was compiled identifying the most critical and immediate repairs that should be scheduled as soon as funds became available, and restoration, upgrades, and ongoing maintenance that could be delayed to future dates. Phase 1 of this plan was completed in 2011 to refurbish, repoint, and stabilize the chimneys of the Courthouse and the Jailer's Residence (Commission Offices).





## U.S. Federal Courthouse Renovation

Atlanta, GA

GRW was part of the design-build team selected by the U.S. General Services Administration (GSA) to design and construct improvements for the federal courthouse located on Barr Street in Lexington, KY. The project team's design enhanced security at the building through the renovation of existing space, as well as new construction. Improvements included upgraded security electronics, site blast protection, and circulation / control enhancements.

Built in 1934, the building is listed on the National Register of Historic Places. The Federal Courthouse was originally constructed as a Post Office and is the base for one of six U.S. District Court locations for the Eastern District of Kentucky. The four-story building, plus basement, contains 84,000 SF of rentable space and currently houses both the U.S. District Court, the U.S. Marshals Service, U.S. Attorneys, and the U.S. General Services Administration.

GRW's specific role on the design-build team was to provide civil/site engineering, and mechanical and electrical engineering. Sustainability was a key factor as the addition achieved a 33% energy efficiency improvement over code, exceeding EPA requirements for federal buildings. The project involved a phased construction schedule; work was completed while the building was occupied.



# STRUCTURAL INVESTIGATION MAIN CAPITOL BUILDING DOME

Charleston, West Virginia



The structural steel in the lantern level shows evidence of deterioration. Project included probing to determine extent of deterioration and preparation of plans and specifications for repairs.



The structural steel after being repaired and the regilding complete. Project included returning the dome to the original Cass Gilbert color scheme.

**AIA New York State Merit Award 2006**





Concrete at the railing level was hidden from view and repaired once the sheet metals was removed and the deterioration was found.



Completed dome restoration shows the original sheet metal detail on the previous lead coated copper sheet metal. The lead coating was compromised over the years. As a result, a coating system had to be applied to protect the copper sheet metal.



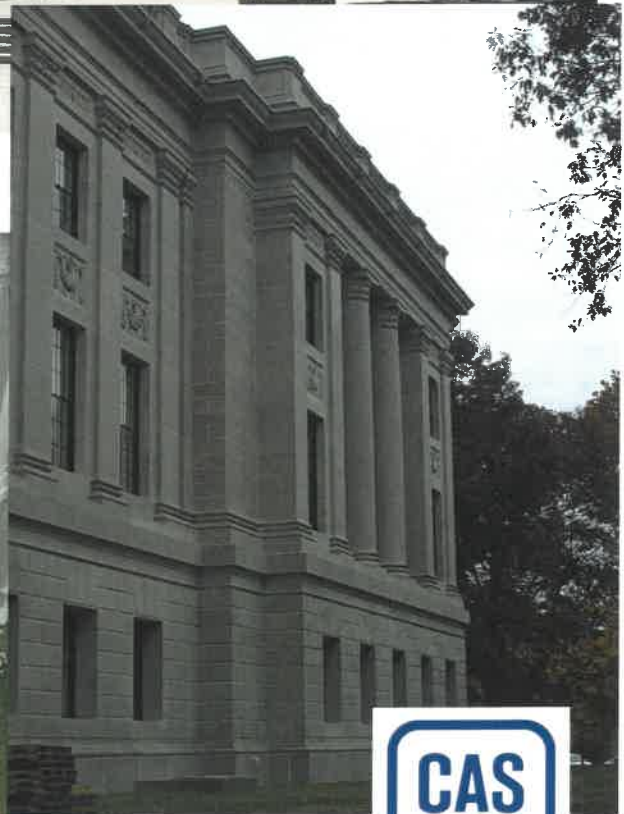


# EXTERIOR FAÇADE RESTORATION MAIN CAPITOL BUILDING

Charleston, West Virginia



Exterior façade restoration included cleaning, pointing, and repairs to the limestone and terra cotta components, windows and doors.



# TUCKER COUNTY COURTHOUSE INVESTIGATION AND REPAIRS

Parsons, West Virginia



This 1898 courthouse is constructed of massive red brick with and is a centerpiece in Parson, Tucker County, WV. This project included providing a condition assessment report for stabilization and restoration of this structure.



The façade elements are in need of repair in many locations.



The chimneys are in need of repointing and new caps. Additionally, there are several structural issues related to framing that are in need of repair. The assessment report, which included budgeting of the repair items, led to the first phase of repairs/restoration of the chimneys.



## SECTION 2.0 - PROJECT MANAGEMENT PLAN



Chapman Technical Group  
Office Building  
Saint Albans, WV

Chapman Technical Group has a commitment to providing exemplary historic preservation services. This commitment is part of our way of doing business.

We strive to understand your goals, wants, and needs. We balance those with your budget and schedule. This enables us to make sure your priorities are met, and we make the most of every dollar spent.

Chapman Technical Group vets each project to make sure our goals and capabilities are compatible with our clients. As such, we are invested in each project we take.

The success of each project relies on good communication throughout the process. Chapman Technical Group will make sure lines of communication are clearly delineated. We will listen to you. And we will act accordingly.

Chapman Technical Group will guide you through the Historic Resources Survey process, with the Project Manager/Historic Architect as the single point of contact through the entire process. From the interview, through completion, the Project Manager will be with you all the way to provide a consistent, informed support.

## SECTION 3.0 - PROJECT TEAM



The project team for the WVARNG Historic Resources Survey has been carefully selected from the Chapman Technical Group/GRW staff of 200+ employees.

We selected a core group of experienced members who will have integral roles in the project to efficiently evaluate and produce the work. Their experience and expected tasks are noted under the Key Personnel. We also identified individuals who may take on significant roles should the observations expose needs that are not as readily apparent.

## Organization Chart



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## KEY PERSONNEL



**Joseph Bird, Vice President**, will serve as Project Officer and will provide oversight during the entire project and has more than 35 years experience in the development of projects throughout West Virginia. He will also serve as the primary editory written work.

**Phill Warnock, AIA, NCARB**, is a licensed architect and will serve as Project Manager and lead Project Architect. Mr. Warnock is an award-winning historic architect with extensive preservation experience. He will be the main point of contact throughout the entire project, and will personally observe the buildings, provide and coordinate documentation, research, analyze; and produce the building surveys.

**Tom Cloer, AIA, NCARB**, is a licensed architect and will also serve as Project Architect. Mr. Cloer will assist with the development and verification of project documents for quality control.

**Dennis Duncan** is an experienced architectural designer and structural draftsman who will provide and coordinate the drafting for the project additionally Mr. Duncan may assist with the field research.

**Kate Wilson** is an experienced architectural designer with an interior design background and experience with SHPO HPI Forms. Ms. Wilson will provide research support and drafting support for the project.

**Gina Moore, Business Development**, will lead administrative document control for the project, along with McKenzie Young.

**Carol Stevens, P.E.**, is a licensed structural engineer with extensive preservation experience. If necessary Ms. Stevens will provide observation of the building and will provide any necessary structural design, while reinforcing the team with her knowledge and experience of historic detailing and techniques.

**Jimmy Piper, AIA**, is a licensed architect and has extensive historic preservation experience. If necessary, Mr. Piper will reinforce the team with his knowledge and experience of historic detailing and techniques.

**Monty Maynard, P.E.**, is a licensed electrical engineer with 40 years experience. If necessary, Mr. Maynard will be responsible for the design of electrical, security, or communications alterations should they be necessary for the project.

**Cory Sharrard, P.E., LEED**. is a licensed mechanical engineer with more than 20 years experience. if necessary, Ms. Sharrard will be responsible for the design of mechanical alterations should they be necessary for the project.



## Joseph E. Bird, ASLA

Senior Vice President  
Project Manager

### Experience

Joe has been involved in a wide range of projects in his 40+ years of experience. In addition to his landscape architectural design experience, he has served as Project Manager for many major multi-discipline projects ranging from campus development projects to ski area renovations. His experience includes coordinating the efforts of various local, state, and federal agencies.

**Years of Experience: 42**  
**Years with Chapman: 36**

#### Education

B.S., Landscape  
Architecture, 1978  
West Virginia University

#### Registration

Architect: WV, KY, IN

#### Affiliations

Council  
of Landscape  
Architectural  
Registration Boards

WV Chapter,  
American Society of  
Landscape Architects

#### **WV DOH District One Master Plan;** Charleston, WV

Project Manager and Designer for the development of a master plan for the West Virginia Division of Highways District One campus to plan for future building sites, pedestrian and vehicular circulation, and the relocation of overhead utilities underground. The project also included the implementation of sustainable stormwater principles including bioswales, pavement infiltration where possible, and underground stormwater detention, to help alleviate chronic flooding which has plagued the project area.

#### **Smith Street Streetscape;** Charleston, WV

Project Manager and Landscape Architect for the design of a streetscape project as part of the overall development of the District One Campus project. The plan includes placing overhead utilities underground, new street lights, new sidewalks and curb ramps, and new street trees.

#### **Covington Streetscape Project;** Covington, KY

Project Manager and Landscape Architect for the design of seven blocks of streetscape in Covington, Kentucky. The plan includes placing overhead utilities underground, new street lights, new sidewalks and curb ramps, and new street trees. The project also included the design of new traffic signals and pedestrian crossing signals.

#### **Scottsville Streetscape Project;** Scottsville, KY

Landscape Architect for the design of two blocks of streetscape in Scottsville, Kentucky. The plan includes placing overhead utilities underground, new street lights, new sidewalks and curb ramps, and new street trees.

#### **WV DOH Alternative Transportation Projects**

Project Manager and Designer for the Alternative Transportation and Trail projects throughout West Virginia, including sidewalk projects, streetscape projects, and recreational trail projects. Managed and designed several phases of the ongoing streetscape projects for the City of St. Albans.



## Phillip A. Warnock, NCARB, AIA

Project Architect/Historic Architect

### Experience

Phill is an award-winning architect with extensive experience, having worked with clients on programming / planning, budget analysis, design, construction documents, meeting coordination, bidding / negotiation services, construction phase services, and code compliance. He is especially skilled in renovation and historic restoration projects for government and municipal facilities.

**Years of Experience: 27**  
**Years with Chapman: 18**

#### Education

B.S., Architecture, 1995  
University of Tennessee

#### Registration

Architect: WV, KY, IN, TN

#### Affiliations

National Council  
of Architectural  
Registration Boards

WV Chapter,  
American Institute  
of Architects

#### Awards

Honor Award, WV AIA  
Upshur County Courthouse

Merit Award, WV AIA  
I-79 Burnsville Rest Area

Merit Award, WV AIA  
State Road Commission  
Building

#### Publications

Structure Magazine,  
February 2010  
"A Gem in the Mountains"  
Upshur County Courthouse  
Restoration

**WV DOH District One Structure Evaluations** ; Charleston, WV  
Responsible for documenting nine historic structures for submission of Historic Property Inventory forms to the West Virginia State Historic Preservation Office in conjunction with the redevelopment of the District One campus.

**WV State Capitol Main Stairs and Lincoln Plaza Restoration**;  
Charleston, WV

Project Architect for the restoration of the 28,000 SF, \$1.6M historic project, including limestone and brick repair and repointing at the main stairs, fountains, and landing of the West Virginia State Capitol.

**State Road Commission Building**; Charleston, WV

Project Architect for the restoration of the historic State Road Commission Building for the West Virginia Division of Highways. The 40,000 square-foot building houses offices and support facilities for the local highway district. In addition to a complete interior makeover that included a historic information center and radio studio, the building also received new exterior doors, windows, roofing and a new elevator. A skywalk connects the building to a new Headquarters Building that was constructed beside the State Road Commission Building.

**Upshur County Courthouse Renovations**; Buckhannon, WV

Project Architect for several improvement and restoration project at the Courthouse in Buckhannon. The projects made the courthouse accessible, restored the dome and clock tower, and repaired the sandstone columns at the main portico.

**Marlinton Depot Project**; Marlinton, WV

Project Architect for the rebuilding of the historic C&O Railroad Terminal Building after the original building was destroyed by fire. The building was reconstructed from drawings of the original structure on its original foundations.

**WV State Capitol East Plaza, Governor's Entry, and East Executive Stairs**; Charleston, WV

Project Architect for design and construction administration for the restoration and repair for the restoration of limestone plazas and granite stairs at the West Virginia State Capitol.





## W. Thomas Cloer, III, NCARB, AIA

### Project Architect

## Experience

Tommy has extensive architectural experience, having worked with clients on programming, planning, budget analysis, design, construction documents, meeting coordination, bidding / negotiation services, construction phase services, and code compliance. He regularly provides leadership in architectural design and project management for new building design and renovation projects such as K-12, parks and recreation, and government and municipal facilities.

**Years of Experience: 20**  
**Years with Chapman: 14**

### Education

B.S., Architecture, 2001  
University of Tennessee

### Registration

Architect: WV, VA, KY

### Affiliations

National Council  
of Architectural  
Registration Boards

WV Chapter  
American Institute  
of Architects

St. Albans Historic District  
Committee Member

### Comprehensive Educational Facilities Plan

Tommy has worked as part of a team to develop the 2020 Comprehensive Educational Facilities Plan (CEFP) for both Ritchie County Schools and Clay County Schools. Work on the CEFP's include facilities assessments and reports, participation in educational planning committee meetings, presenting findings to the county board of education and assisting the county in translating educational needs into facility needs.

### Jane Lew Elementary School Addition; Jane Lew, WV

Project Architect for the design of an addition and renovation project that included five new classrooms, an updated office suite, and a new building entrance and bus loop. Toilet rooms were also renovated and new floor finishes were installed throughout the building. A new HVAC system serves the addition, and a new sprinkler system and fire alarm were installed for the entire school. New ceilings and lighting were also provided throughout.

### Smithville Elementary School Addition; Smithville, WV

Project Architect for the addition and renovation of the Smithville Elementary School project which included the demolition of two buildings in the existing complex and the design of 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 facility under one roof.

### Man K-8 Addition; Man, WV

Project Architect for the Man K-8 Addition which included the design and space planning for a 9,360 square-foot addition to the existing school. The addition included four new classrooms, a 2,400 square-foot gymnasium/multipurpose room, ADA compliant restroom facilities, and a small landscaped courtyard. The design and construction was accomplished in 10 months and nearly 15% below budget.

### Other School Experience

Tommy has served as an architect and designer on numerous school projects throughout West Virginia ranging from small renovation projects to new middle schools. He is well versed in the requirements and procedures of the West Virginia School Building Authority and the West Virginia Department of Education Policy 6200.



## Dennis N. Duncan

### CADD Technician

## Experience

Mr. Duncan is an Architectural Designer with 28 years of architectural, structural, drafting experience, He is proficient in Auto CAD and Revit with additional experience in Sketchup. He also assists with field surveys and existing structures.

**Years of Experience: 28**  
**Years with Chapman: 23**

### Education

EDSI REVIT, 2014  
Mountain CAD, 1996  
West Virginia State  
College, 1996  
AS, Computer Aided  
Drafting and Design  
Putnam County  
Vocational School, 1992

### Projects Include

State Road Commission  
Building Renovation  
(Charleston, WV)

New WV DOH Rest Areas  
and Welcome  
Centers  
(21 Locations throughout  
WV)

WVDNR  
Beech Fork State Park  
Cabins  
Blackwater Falls State Park  
Cabins

New Canaan Valley State  
Park Ski Lodge  
(Canaan Valley, WV)

New Pocahontas County  
Community Center  
(Marlinton, WV)

## Qualifications

### Bridge and Highway

Responsible for CADD drafting on mainline and side road profiles, maintenance of traffic, signing and marking plans, intersection details, survey reference and control plans, typical roadway sections, stormline profiles, bridge sections and details.

### Architectural and Structural

Responsible for CADD drafting on recreational and commercial floor plans, building cross sections and details, structural framing plans, foundation plans and details, and building renovations.

### 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.



## Kathleen J. Wilson

### CADD Technician

## Experience

Kathleen is an experience CAD technician with ten years at Chapman. She graduated University of Charleston with a bachelor's degree in interior with minors in art and psychology. She is proficient in AutoCAD and Revit with additional experience in Civil 3D, Sketchup, and Photoshop. She has been tasked with working on various diciplines in the company including structural, architectural, and civil. She is also experienced in historic preservation research, field reconnaissance, and information gathering.

**Years of Experience: 10**  
**Years with Chapman:**

### Education

EDSI REVIT, 2014  
B.S., Interior Design, 2012  
University of Charleston

### Projects Include

West Virginia Air National  
Guard Airport Hangars  
(Martinsburg, WV)

WV DNR  
Bowden Fish Hatchery  
new raceways and historic  
building renovations  
(Elkins, WV)

Coal Heritage Discovery  
Center Historic Building  
Restoration  
(Mt. Hope, WV)

WV DOH  
State Road Commission  
Building Renovation  
(Charleston, WV)

Islamic Center of WV  
Additions and Renovations  
(South Charleston, WV)

WVDOH  
District One Headquarters  
Facility  
(Charleston, WV)

### Bridge and Highway

Responsible for CADD drafting on mainline and side road profiles, maintenance of traffic, signing and marking plans, intersection details, survey reference and control plans, typical roadway sections, stormline profiles, bridge sections and details.

### Architectural and Structural

Responsible for CADD drafting on recreational and commercial floor plans, building cross sections and details, structural framing plans, foundation plans and details, and building renovations.

### 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.



## Jimmy Piper, Jr., AIA, LEED AP BD+C Architect

### Experience

Jimmy has comprehensive architectural services experience, having worked with clients on programming, planning, design, construction documents, bidding, and construction phase services. He regularly provides leadership in architectural design and project management for new building design and renovation projects including higher education facilities, municipal buildings, and historic and cultural renovations.

### Relevant Project Experience

**Historic Moore Building, Versailles, KY** – Project Manager. Schematic studies for a 3,600 SF Family Court Room fit-up in an existing building on historic Main Street.

**Trust Lounge Renovation, Lexington, KY** – Principal. Design services to restore original architectural glazed terra cotta façade of structure (circa 1908) which suffered severe damage as a result of two previous extensive façade renovations. Work includes patch and repair of remaining terra cotta façade to extent possible, and reconstruction of missing pieces. 3D laser scanning technology utilized to survey existing condition; data can be used to reverse engineer and replicate pieces of the existing façade.

**Harlan County Courthouse Renovations, Harlan, KY** – Project Manager. Design for phased renovation of 31,040 SF, 4-story courthouse constructed in 1922 of poured-in-place concrete columns, beams, floor slabs and roof deck, and classically-styled Indiana limestone exterior. Initial phase provided masonry and metal cornice restoration at parapet area, roof replacement. Phase 2 included addition of four-stop elevator and ADA/code upgrades; Phase 3 involved replacement of water main feed and all interior water lines. Phase 4 encompassed new public restrooms on second floor; renovation of existing non-ADA compliant ground floor restrooms; renovation of courtroom to provide small meeting rooms and fit-up for use as multi-purpose meeting room. Vacant County Judge Executive suite on ground floor was renovated for use by Commonwealth Attorney.

**Fred M. Vinson Birthplace/Visitor Center Renovation, Louisa, KY** – Project Manager. Design for historic renovation and restoration of the 2,400 SF birthplace home of a former Truman cabinet member and Supreme Court Chief Justice to provide exhibition spaces for display of memorabilia and historic artifacts. Involved masonry restoration, window restoration, exterior porch reconstruction, exterior soffit restoration, interior stair replacement, interior finishes, and electrical/plumbing/HVAC upgrades.

**Years of Experience: 35**  
**Years with GRW: 26**

### Education

Bachelor of Architecture,  
1987, University of Kentucky

### Registration

Registered Architect: KY, IN, VA,  
OH, MI, GA

National Council of Architectural  
Registration Boards (NCARB)  
Certification

LEED Accredited Professional  
BD+C

### Affiliations

Kentucky Housing, Buildings and  
Construction Advisory Committee  
(2016-2017, 2017-2018)

AIA East Kentucky Chapter  
Board of Directors (2017)

American Institute of Architects  
(AIA)

Kentucky Masonry Institute  
Certified Masonry Specialist  
Steel Window Restoration  
Seminar, Kentucky Heritage  
Council

AIA School Facilities Construc-  
tion A to Z Continuing Education



# Carol A. Stevens, PE, F.ASCE

## Structural Engineer

### EDUCATION

West Virginia University, BSCE, 1984  
Chi Epsilon National Civil Engineering Honorary  
The Pennsylvania State University, ME Eng Sci, 1989

### PROFESSIONAL REGISTRATION

P.E. 1990 Pennsylvania  
P.E. 1991 West Virginia  
P.E. 1994 Maryland  
P.E. 2008 Ohio  
P.E. 2010 Kentucky  
P.E. 2013 Virginia

### BACKGROUND SUMMARY

2001 – Present President, Structural Engineer  
CAS Structural Engineering, Inc.

1999 – 2001 Structural Engineer  
Clingenpeel/McBrayer & Assoc, Inc.

1996 – 1999 Transportation Department Manager  
Structural Engineer  
Chapman Technical Group, Inc.

1995 – 1996 Structural Engineer  
Alpha Associates, Inc.

1988 – 1995 Structural Department Manager  
Structural Engineer  
NuTec Design Associates, Inc.

1982 – 1988 Engineer  
AAI Corporation, Inc.

### PROFESSIONAL ASSOCIATIONS

American Society of Civil Engineers  
National Society of Professional Engineers  
American Concrete Institute  
American Institute of Steel Construction  
West Virginia University Department of Civil and  
Environmental Engineering Advisory Committee  
West Virginia University Institute of Technology  
Department of Civil Engineering Advisory Committee

### EXPERIENCE

**West Virginia, State Capitol Complex, Holly Grove Mansion:** Structural evaluation report for preliminary condition assessment of building structure. Another project included complete analysis of structure for new use. Building is on the National Register of Historic Places and was constructed in 1815.

**West Virginia, State Capitol Complex, Main Capitol Building Dome:** Exploratory investigation of structural steel components of Lantern Level of dome and development of contract documents for repairs. Building is on the National Register of Historic Places and was constructed in the 1930's. Received a NYAIA Merit Award for Design Excellence.

**West Virginia, State Capitol Complex, Main Capitol Building Exterior Façade Restoration:** Investigation and preparation of details for repairs to limestone and terra cotta exterior façade. Building is on the National Register of Historic Places and was constructed in the 1920's and 1930's.

**West Virginia, State Capitol Complex, Main Capitol Building Parapet:** Exploratory investigation of limestone/brick parapet/balustrade of Main Capitol Building to determine cause of movement/cracking/leaks. Construction contract for repairs has been completed. Building is on the National Register of Historic Places and was constructed in the 1920's and 1930's.

**West Virginia, Roane County Courthouse:** Structural analysis of existing floor framing for addition of new high-density file storage system on upper floor level.

**West Virginia, Lewis County Courthouse:** Structural investigation for work required to update structure and apply for grant monies through WVCFIA.

**West Virginia, Tucker County Courthouse:** Structural investigation for work required to update structure and apply for grant monies through WVCFIA.

**West Virginia, Boone County Courthouse:** Structural analysis of existing floor framing for addition of high-

density file storage systems at different locations.

**West Virginia, Gilmer County Courthouse:** Structural analysis of existing floor framing for addition of high-density file storage system on upper floor level.

**West Virginia, First Presbyterian Church Restoration:** Structural renovations of steel in lantern level and terra cotta cornice, overview of repairs to limestone and terra cotta façade of 1920's structure.

**West Virginia, State Capitol Complex, Governor's Mansion:** Structural analysis and design in addition to evaluation report for modifications and renovations to several areas of mansion. Building is on the National Register of Historic Places and was constructed in the 1920's.

**West Virginia, State Capitol Complex, Building 5:** Structural design and analysis for support of new boilers and other mechanical equipment to be placed in mechanical penthouse.

**West Virginia, State Capitol Complex, Building 7:** Investigation and development of Construction Documents for new elevators.

**West Virginia, State Capitol Complex, Building 3:** Structural design and construction administration of repairs to limestone canopy. Building is eligible to be placed on National Register of Historic Places and was constructed in the 1950's.

**West Virginia, Upshur County Courthouse:** Developed construction documents for structural repairs to main entrance, dome and monumental sandstone columns of 1899 structure. Work was recently completed and received a WVAIA Honor Award for Design Excellence.

**West Virginia, State Capitol Complex, Governor's Mansion:** Structural analysis and design in addition to evaluation report for modifications and renovations to several areas of mansion. Building is on the National Register of Historic Places and was constructed in the 1920's.

**Ohio, Mahoning County Courthouse:** Completed preliminary structural observation report of exterior façade conditions to recommended phased repairs for terra cotta and granite façade. Building is on the National Register of Historic Places and was constructed in the early 1900's.

### **PREVIOUS EXPERIENCE**

**West Virginia, State Capitol Building, North Portico Steps:** Designed structural system to replace deteriorated reinforced concrete slab at landing on north side of Capitol steps. Building is on the National Register of Historic Places and was constructed in the 1930's.

**West Virginia, Upshur County Courthouse Annex:** Performed structural evaluation and design for repairs to existing multi-story Annex addition.



## Monty Maynard, PE, LEED AP BD+C

### Vice President

## Experience

Monty's experience with electrical design, process instrumentation and control design, and project management is extensive. He has been involved with the design of building systems for more than 300 projects, ranging from water resources projects to the design-build of federal prisons with total construction values as high as \$984 million. His areas of technical expertise include electrical power distribution, substation design, alarm systems, communications, lighting, lightning protection, instrumentation/controls/telemetry, power quality, energy efficiency and code compliance.

**Years of Experience: 41**  
**Years with GRW: 21**

### Education

B.S., Electrical Engineering,  
1978,  
University of Kentucky

### Registration

Professional Engineer (Elec-  
trical): KY, WV, IN, GA, TN,  
TX, NV, NC, MS, MI, AL, CA

LEED Accredited Profes-  
sional, Building Design +  
Construction

### Affiliations

National Fire Protection  
Association

International Society of  
Automation

American Council of  
Engineering Companies

National Council of  
Examiners for Engineering  
and Surveying

### Cumberland Valley Technical College Building One

**Renovation**, Harlan, KY - Electrical Engineer. Renovation design for 31,000 SF building including updated exterior appearance, and modernized teaching spaces. Work included total replacement of building mechanical and electrical systems.

### Fort Knox Macdonald Elementary School Renovation

**Renovation**, Ft. Knox, KY - Principal-in-Charge. Renovation of a 63,000 SF Army school with year-round schedule. Involved a new standing seam roof installed over 48,000 SF to create an attic for 100% replacement of existing HVAC system equipment with geothermal-based heat pump system, new electrical service system, and fire alarm system upgrade.

### Lexington Catholic High School Phase II Addition

**Addition**, Lexington, KY - Engineering Manager. 48,000 SF addition included 1800-seat two level gymnasium and running track, performing arts stage, art wing, and new administration area.

### Marshall University Weisberg Family Engineering Laboratory

**Building**, Huntington, WV - Electrical Engineer. New, 16,000 SF engineering laboratory building. Building security systems included access control and CCTV. HVAC systems feature rooftop VAV systems with variable electric reheat.



## Cory Sharrard, PE, LEED AP

### Mechanical Engineer

### Experience

Cory possess more than 20 years' experience with mechanical engineering including design of traditional water source heat pump (WSHP), geothermal WSHP, hybrid geothermal WSHP, variable refrigerant flow (VRV), split system, rooftop units, unit ventilators, variable air volume (VAV), and ice storage systems. Her experience includes numerous K-12, higher education, vocation school, detention center, church, and library projects.

**Years of Experience: 21**  
**Years with GRW: 1**

### Education

B.S., Industrial Technology,  
1996, Murray State  
University

B.S., Mechanical  
Engineering, 1998,  
University of Kentucky

### Registration

Professional Engineer: KY  
(NY & WV, Reciprocity  
Pending)

NCEES Member allows  
reciprocity with other  
states

LEED AP

### Affiliations

American Society of  
Heating, Refrigerating and  
Air-Conditioning Engineers

Kentucky Society of  
Professional Engineers

### Projects

Berea Independent Schools HVAC Renovation: *Berea, KY*

Corbin Independent Schools Middle School HVAC  
Renovation, Corbin: *Corbin, KY*

Western Kentucky University Boiler Replacement: *Bowling  
Green, KY*

Madison County Schools Bus Garage: *Richmond, KY*

Sayre School New Lower School: *Lexington, KY*

Scott County Schools Facility Surveys: *Georgetown, KY*

Scott County Schools Cooling Tower Projects: *Georgetown, KY*

Scott County Schools Energy Projects: *Georgetown, KY*

Western Kentucky University Boiler Replacement: *Bowling  
Green, KY*

Hickman County Justice Center: *Clinton, KY*

Bullitt County Detention Center: *Shepherdsville, KY*

Frankfort Public Safety Facility and Emergency Operations  
Center: *Frankfort, KY*

Olive Hill Community Center: *Olive Hill, KY*

City Hall: *Upper Sandusky, OH*

Capital Plaza Complex HVAC Renovation: *Frankfort, KY*



## SECTION 4.0 - SUBCONTRACTORS



**Upshur County Courthouse  
Dome Preservation  
Buckhannon, WV**



It is not expected that subcontractors will be required based on the published project specifications. However, if there is a need that requires observation by a structural engineer for historic facilities, **Carol Stevens, P.E., of CAS Structural Engineering** would be retained for those purposes.

Carol Stevens is exceptionally qualified for historic work and has teamed with Chapman Technical Group on several successful projects, including:

**Upshur County Courthouse,  
Lewis County Courthouse,  
Tucker County Courthouse,  
Coal Heritage Building,  
Marlinton Depot,  
SRC Building,  
WV Regional Airport Terminal,**

**Twin Falls SP Lodge,  
Hawks Nest SP Lodge,  
Pipestem SP Lodge,  
Pipestem Upper Tram,  
Pipestem Lower Tram,  
Pipestem River Lodge,  
St. Albans Water Treatment Plant**

We have recently been selected by WV Northern Community College to provide work at their Northern Campus in the old **B&O Railroad Building** in Wheeling, WV.



## Firm Profile

**CAS Structural Engineering, Inc.** – CAS Structural Engineering, Inc. is a West Virginia Certified Disadvantaged Business Enterprise structural engineering firm located in the Charleston, West Virginia area.

Providing structural engineering design and/or analysis on a variety of projects throughout the state of West Virginia, CAS Structural Engineering has experience in excess of 30 years on the following types of building and parking structures:

- Governmental Facilities (including Institutional and Educational Facilities)
- Industrial Facilities
- Commercial Facilities

Projects range from new design and construction, additions, renovation, adaptive reuse, repairs and historic preservation (including use of The Secretary of the Interior's Standards for Rehabilitation) to evaluation studies/reports and analysis.

CAS Structural Engineering utilizes AutoCAD for drawing production and Enercalc and RISA 2D and 3D engineering software programs for design and analysis. Structural systems designed and analyzed have included reinforced concrete, masonry, precast concrete, structural steel, light gauge steel and timber.

Carol A. Stevens, PE is the firm President and will be the individual responsible for, as well as reviewing, the structural engineering design work on every project. Carol has over 30 years of experience in the building structures field, working both here in West Virginia and in the York, Pennsylvania vicinity. Carol is also certified by the Structural Engineering Certification Board for experience in the field of structural engineering.

CAS Structural Engineering, Inc. maintains a professional liability insurance policy.

PO Box 469 • Alum Creek, WV 25003-0469  304-756-2564  304-756-2565  [www.casstruceng.com](http://www.casstruceng.com)

PROVIDING STRUCTURAL ENGINEERING SOLUTIONS FOR YESTERDAY, TODAY AND TOMORROW  
COMMERCIAL, GOVERNMENTAL AND INDUSTRIAL STRUCTURAL DESIGN, ANALYSIS AND RESTORATION  
WEST VIRGINIA CERTIFIED DBE CONSULTANT • CERTIFIED IN THE PRACTICE OF STRUCTURAL ENGINEERING



## SECTION 5.0 - QUALITY CONTROL



The Chapman Technical Group team will comply with WVSHPO National Register and Architecture/History Survey Manual in providing the surveys for WVARNG. We will provide drafts to WVARNG and WVSHPO for review. Any comments received will be properly incorporated into the work. The final work will be provided to the WVARNG and submitted to WVSHPO.

Chapman Technical Group will research the WVARNG building types, uses, and histories, supplementing oral interviews and Owner provided information with our own document investigation. Prior to any exterior review, Chapman Technical Group will internally edit and review the work.

# METHODOLOGY/WORK PLAN



A well-designed work plan provides initial quality control and improves the ability to control costs. Chapman Technical Group will work with WVARNG to determine priorities, schedules, and budgets for the work. We want to understand your goals and the reasons behind them, so we may more fully meet your needs.

Chapman Technical Group will meet with WVARNG to schedule and coordinate the work for the Seven Facilities. We will discuss the surveys, who will perform which tasks, and how the surveys will be completed within the appropriate timeline.

We will research and review historical property use information and conduct interviews with persons (selected by WVANG) who have direct knowledge of the buildings and their histories. We will tour the structures to photograph and document the facilities per WVSHPO requirements. We will review and include significant information in the final reports.

Chapman Technical Group will develop and submit Historical Resources Surveys in the form of HPI forms per the requirements of the WVSHPO and the National Register and Architecture/History Survey Manual for each of the seven facilities. These will include photographs and narrative reports describing the Setting, Buildings, Alterations, Additions, Outbuildings, and Statement of Significance, with Bibliographical References. The Statement of Significance will include determinations of eligibility for the National Record of Historic Places.

The Criteria for Evaluation of significance for these surveys will require the individual facility have “integrity of location, design, setting, materials, workmanship, feelings, and association, and:

- A. That are associated with events that made a significant contribution to the broad patterns of our history; or
- B. That are associated with the lives of persons significant in our past; or
- C. That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- D. That have yielded or may be likely to yield, information important in prehistory or history.”

## SECTION 6.0 - COST CONTROL



Upshur County Courthouse  
Dome Renovation  
Buckhannon, WV



Controlling project costs is always critical to the success of each project. By distilling the project team to those necessary to fulfill the survey work and by utilizing properly classified personnel with experience in their tasks, Chapman Technical Group will control the costs of the project.

Further developing the scope of work to be accomplished and the level of research desired will determine fees necessary to complete the surveys. In this situation, negotiations of fee versus scope will provide the main cost control mechanism for the project, with the amount of research desired by WVARNG being the primary variable.

## SECTION 7.0 - PURCHASING FORMS



State of West Virginia Purchasing Division  
Forms:

Centralized Expression of Interest  
Certification and Signature  
Purchasing Affidavit follows.



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

State of West Virginia  
 Centralized Expression of Interest  
 Architect/Engr

Proc Folder: 909738

Doc Description: EOI- Historical Building Surveys

Reason for Modification:

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2021-07-14	2021-07-29 13:30	CEOI 0603 ADJ2200000001	1

**BID RECEIVING LOCATION**

BID CLERK  
 DEPARTMENT OF ADMINISTRATION  
 PURCHASING DIVISION  
 2019 WASHINGTON ST E  
 CHARLESTON WV 25305  
 US

**VENDOR**

Vendor Customer Code: 000000207246

Vendor Name : Chapman Technical Group

Address : 200

Street : Sixth Avenue

City : Saint Albans

State : West Virginia

Country : USA

Zip : 25177

Principal Contact : Joseph E. Bird, Senior Vice President

Vendor Contact Phone: 304-727-5501

Extension: 154

**FOR INFORMATION CONTACT THE BUYER**

David H Pauline  
 304-558-0067  
 david.h.pauline@wv.gov

Vendor  
 Signature X

FEIN# 550704766

DATE 7-29-2021

All offers subject to all terms and conditions contained in this solicitation

**ADDITIONAL INFORMATION**

The West Virginia Purchasing Division, for the agency, the West Virginia Army National Guard, Construction and Facilities Management Office, is soliciting Expressions of Interest from qualified firms to provide professional engineering consulting services to provide historical resources surveys on seven (7) WV Army National Guard facilities, located across, WV, per the attached documentation.

**INVOICE TO**

ADJUTANT GENERALS OFFICE  
1707 COONSKIN DR

CHARLESTON                      WV    25311  
US

**SHIP TO**

ADJUTANT GENERALS OFFICE  
1705 COONSKIN DR

CHARLESTON                      WV    25311  
US

Line	Comm Ln Desc	Qty	Unit Issue
1	EOI- Historical Building Surveys		

Comm Code	Manufacturer	Specification	Model #
81101508			

**Extended Description:**  
EOI- Historical Building Surveys per the attached documentation.

**SCHEDULE OF EVENTS**

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
-------------	--------------	-------------------




	Document Phase	Document Description	Page
ADJ220000001	Final	EOI- Historical Building Surveys	3

**ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions


**DESIGNATED CONTACT:** Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

 V.P.  
\_\_\_\_\_  
(Name, Title)  
Joseph E. Bird, Senior Vice President  
\_\_\_\_\_  
(Printed Name and Title)  
200 Sixth Avenue, Saint Albans, West Virginia 25177  
\_\_\_\_\_  
(Address)  
304-727-5501 / 304-727-5580  
\_\_\_\_\_  
(Phone Number) / (Fax Number)  
jbird@chaptech.com  
\_\_\_\_\_  
(email address)

**CERTIFICATION AND SIGNATURE:** By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

Chapman Technical Group  
\_\_\_\_\_  
(Company)

 Joseph E. Bird, V.P.  
\_\_\_\_\_  
(Authorized Signature) (Representative Name, Title)

Joseph E. Bird, Senior Vice President  
\_\_\_\_\_  
(Printed Name and Title of Authorized Representative)

7-29-2021  
\_\_\_\_\_  
(Date)

304-727-5501, 304-727-5580  
\_\_\_\_\_  
(Phone Number) (Fax Number)

STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

**CONSTRUCTION CONTRACTS:** Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

**ALL CONTRACTS:** Under W. Va. Code §5A-3-10a, 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: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

**EXCEPTION:** The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. 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.

**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.

**"Employer default"** means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

**"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.

**AFFIRMATION:** By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: Chapman Technical Group

Authorized Signature: [Signature] Date: 7-29-2021

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 29<sup>th</sup> day of July, 2021

My Commission expires October 17, 2024

AFFIX SEAL HERE



NOTARY PUBLIC

[Signature: Gina R. Moore]

## SECTION 8 - REFERENCES



**Marlinton Train Depot  
Historic Rebuild  
Marlinton, WV**



Chapman Technical Group is proud of our work history and would be happy to have WVARNG talk with any of our clients about our service.

References for our work in completing Historic Resources Surveys and HPI Forms include:

Gary Mullens, P.E.  
Construction Engineer  
WV DOT/DOH  
Office of the District Engineer/Manager  
District One  
1340 Smith Street,  
Charleston, WV 25301-1492  
Gary.W.Mullins@wv.gov  
(304) 558-1492

Bradley S. Leslie, P.E.  
Chief Engineer  
WV DNR  
324 4th Avenue  
South Charleston, WV 25303  
Brad.S.Leslie@wv.gov  
(304) 389-7663

Letters of reference follow which indicate the high level of satisfaction achieved and provide the contact information for many of the projects noted.



STATE OF WEST VIRGINIA  
DEPARTMENT OF ADMINISTRATION  
GENERAL SERVICES DIVISION  
State Capitol  
Charleston, West Virginia 25305

Allan L. McVey  
Cabinet Secretary

Gregory L. Melton  
Director

April 9<sup>th</sup>, 2021

Mr. Phillip A. Warnock, AIA, NCARB  
Project Architect  
Chapman Technical Group  
200 Sixth Avenue  
St. Albans, WV 25177

Dear Mr. Warnock,

It is my pleasure to recommend Chapman Technical Group (CTG) for upcoming roles as Project Architects, Engineers and Construction Managers for any small, medium, or large-scale projects you seek. I have worked with the CTG design team for the past (4) years serving as a Building Project Management Specialist for the State of West Virginia and CTG has exhibited excellent professional skills and delivered spectacular results on all projects.

CTG has also demonstrated extensive knowledge of project management and superb communication skills. The team's ability to facilitate clear communication has ensured project change orders and overruns were few and far between. Their in-depth knowledge of the A/E profession has led to the increase of projects completed on-time and within budget.

The team's work on the Lincoln Plaza Restoration, located at the main entry to the West Virginia State Capitol Building, as well as restorations to the East and West Main entries have brought much of the old grandeur back to the building and grounds. Their design for the extensive campus-wide Spot Repair Project, now in construction, is demonstrating remarkable results by eliminating existing trip hazards, correcting multiple ADA deficiencies, as well as improving current water runoff conditions.

CTG has my highest recommendation for professional design services.

Sincerely,



Mark A. Crites  
Building Project Management Specialist  
General Services Division – Engineering Section  
Building 4, Fifth Floor  
112 California Avenue  
Charleston, WV 25305



**WEST VIRGINIA DEPARTMENT OF TRANSPORTATION**

**Division of Highways**

**Office of the District Engineer/Manager  
District One**

**1340 Smith Street · Charleston, West Virginia 25301-1492 · (304) 558-3001**

**Byrd E. White, III  
Secretary of Transportation/  
Commissioner of Highways**

**Jimmy Wriston, P. E.  
Deputy Secretary/  
Deputy Commissioner**


**April 6, 2021**

**Gentleman:**

**I would like to take this opportunity to express my appreciation for the services Chapman Technical Group has provided over the years to the West Virginia Division of Highways. It has been a positive experience working on the Redmond/McClausland House and the SRC Renovation contracts with the dedicated staff of your company. Your professionalism has been appreciated in every phase of the projects.**

**Again, we appreciate your services and look forward to continuing our professional relationship on future contracts.**

**Very truly yours,  
Travis Knighton, PE  
District Engineer**

**By:**   
**Gary W. Mullins, PE  
Construction Engineer**

**GWM**



National Coal Heritage Area Authority  
P. O. Box 15  
Oak Hill, WV 25901  
304-465-3720

April 6, 2021

To whom it may concern:

Please consider this a letter of reference for Chapman Technical Group in regard to work they did for us on a historic structure, located in the Mount Hope Historic District. This project involved the exterior restoration of the building located at 814 Main Street, Mount Hope, WV. The building had numerous issues to be addressed including restoration of crumbling masonry, a completely new roof, restoration of the storefront and replication of the original windows in the rear of the building.

We were extremely pleased with the work that Chapman did on this project and the outcome met all our expectations. Phil Warnock, who was the architect on the project worked closely with us in development of the design plans and facilitated regular meetings with our staff, the general contractor and other Chapman staff as he performed construction management services. Mr. Warnock was also very effective in securing the appropriate approvals from the State Historic Preservation Office, revising plans and documents as needed.

If you require additional information or have questions, please feel free to contact me at [cbailey@coalheritage.org](mailto:cbailey@coalheritage.org) or at the phone number above.

Sincerely,

*Christy Bailey*

Christy Bailey  
Executive Director



RECEIVED DEC 19 2006

JAMES E. MORROW LIBRARY  
400 Hal Greer Boulevard  
Huntington, West Virginia 25755-2060  
304/696-3120

December 15, 2006

Dale E. Withrow  
Chapman Technical Group  
200 Sixth Avenue  
St. Albans WV 25177

Dear Mr. Withrow,

I wish to express the appreciation of my department for your work in renovating the third floor of the Morrow Library.

We had a thoroughly pleasant experience while you were working on this project. You and the contractors were generous with your time in keeping us informed, allowing us to attend your meetings and asking for our input, and extending us every courtesy.

The workmen were friendly and generous in their interaction with us. We were also very satisfied with the workmanship done on the third floor of the library.

Overall we enjoyed having you work on this project.

Sincerely,

A handwritten signature in black ink, appearing to read 'Lisle G. Brown', written over a horizontal line.

Lisle G Brown, Curator  
Special Collections  
Marshall University