

Expression of Interest for

The State of West Virginia

**Architectural and Engineering Services for
Design of ADA Ramp to Levee/Boat Dock**

September 15, 2010

RFQ#: GSD116408

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PURCHASING DIVISION
STATE OF WV

State of West Virginia


WILLIAMSON
SHRIVER
ARCHITECTS



September 15, 2010

Krista Ferrell
General Services Division
Building 1
1900 Kanawha Boulevard, East
Charleston, West Virginia 25305

RE: Architectural and Engineering Services Proposal
ADA ramp to Levee / Boat Dock

Dear Ms. Ferrell,


Williamson Shriver Architects / Terradon Corporation have a proven track record in designing state-of-the-art facilities in the Charleston, WV region as well as throughout the entire State of West Virginia. Our work is responsive to the needs of the community it serves. This project is very challenging to recognize the intent of architect Cass Gilberts' concept and yet adapt it to today's modern needs of marine transportation and support facilities. We welcome this challenge!

We, along with Terradon's experience, offer this letter as our Expression of Interest to provide similarly successful architectural and engineering services for the proposed ADA ramp to Levee / Boat Dock. We at Williamson Shriver Architects are proud of our reputation of being a leader in architectural design in West Virginia. As a Charleston, WV company since 1967 our diversity of works speaks for themselves around the valley and state.

Please find enclosed four copies of our Statement of Qualifications featuring projects specifically selected to assist you in your evaluation. We are eager to be selected to work with you and your team in designing this project. We are looking forward to an interview with your selection team in the near future during which we can present our credentials in greater detail.

Thank you for considering Williamson Shriver Architects.

WILLIAMSON SHRIVER ARCHITECTS, INC.



Ted A. Shriver AIA · LEED AP
Vice President / Architect



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

Request for Quotation

RFQ NUMBER
 GSD116408

PAGE
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ADDRESS CORRESPONDENCE TO ATTENTION OF
 KRISTA FERRELL
 304-558-2596

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DEPARTMENT OF ADMINISTRATION
 GENERAL SERVICES DIVISION
 BUILDING 1
 1900 KANAWHA BOULEVARD, EAST
 CHARLESTON, WV
 25305 304-558-3517

DATE PRINTED 08/19/2010	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
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BID OPENING DATE: 09/15/2010 BID OPENING TIME: 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-07		
<p>A&E SERVICES: DESIGN OF ADA RAMP TO LEVEE/BOAT DOCK</p> <p>EXPRESSION OF INTEREST (EOI)</p> <p>THE WEST VIRGINIA STATE PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF GENERAL SERVICES, IS SOLICITING EXPRESSIONS OF INTEREST FOR ARCHITECTURAL AND ENGINEERING SERVICES FOR THE DESIGN OF AN ADA COMPLIANT ACCESS RAMP TO THE KANAWHA RIVER LEVEE AND FUTURE FLOATING BOAT DOCK LOCATED ON KANAWHA BOULEVARD ACROSS FROM THE GOVERNOR'S MANSION IN CHARLESTON, WEST VIRGINIA PER THE ATTACHED SPECIFICATIONS.</p> <p>TECHNICAL QUESTIONS CONCERNING THIS SOLICITATION MUST BE SUBMITTED IN WRITING TO KRISTA FERRELL IN THE WEST VIRGINIA STATE PURCHASING DIVISION VIA MAIL AT THE ADDRESS SHOWN IN THE BODY OF THIS EOI, VIA FAX AT 304-558-4115 OR VIA EMAIL AT KRISTA.S.FERRELL@WV.GOV. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 08/31/2010 AT THE CLOSE OF BUSINESS. ANY TECHNICAL QUESTIONS RECEIVED WILL BE ANSWERED BY FORMAL ADDENDUM TO BE ISSUED BY THE PURCHASING DIVISION AFTER THE DEADLINE HAS LAPSED.</p> <p>EXHIBIT 10</p> <p>REQUISITION NO.: <i>GSD 116408</i></p> <p>ADDENDUM ACKNOWLEDGEMENT</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE _____ TELEPHONE _____ DATE _____

ADDRESS CHANGES TO BE NOTED ABOVE

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



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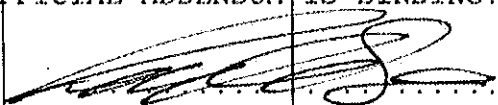
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BID OPENING DATE: 09/15/2010 BID OPENING TIME: 01:30PM

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<p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p> <p>ADDENDUM NO. S:</p> <p>NO. 1 ... <i>TAS</i> .</p> <p>NO. 2 ... <i>N/A</i> .</p> <p>NO. 3 ... <i>N/A</i> .</p> <p>NO. 4 ... <i>N/A</i> .</p> <p>NO. 5 ... <i>N/A</i> .</p> <p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF TH ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF EOIS.</p> <p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p style="text-align: center;">  SIGNATURE WILLIAMSON SHRIVER ARCHITECTS, INC. COMPANY <i>SEPT 15, 2010</i> DATE </p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE _____ TELEPHONE _____ DATE _____

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BID OPENING DATE: 09/15/2010 BID OPENING TIME: 03:30PM

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<p>NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE EOI.</p> <p>REV. 09/21/2009 BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED EOI MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE EOI SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE EOI MAY NOT BE CONSIDERED:</p> <p>SEALED EOI</p> <p>BUYER: KRISTA FERRELL-FILE 21</p> <p>EOI. NO.: GSD116408</p> <p>EOI OPENING DATE: 09/15/2010</p>						

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State of West Virginia
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 Purchasing Division
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 Charleston, WV 25305-0130

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08/19/2010				

BID OPENING DATE: 09/15/2010 BID OPENING TIME: 01:30PM

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EOI OPENING TIME: 1:30 PM PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR EOI: 304-345-1060 CONTACT PERSON (PLEASE PRINT CLEARLY): TED A. SHRIVER ***** THIS IS THE END OF RFQ GSD116408 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: TELEPHONE: DATE: TITLE: FEIN: ADDRESS CHANGES TO BE NOTED ABOVE

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



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*709053831 304-345-1060
 WILLIAMSON SHRIVER ARCHITECTS
 717 BIGLEY AVENUE
 CHARLESTON WV 25302 3356

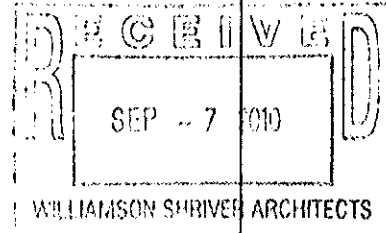
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ADDENDUM NO. 1						
THIS ADDENDUM IS ISSUED TO ANSWER ALL TECHNICAL QUESTIONS SUBMITTED IN ACCORDANCE WITH THE PROVISIONS OF THE ORIGINAL EXPRESSION OF INTEREST (GSD116408).						
EOI OPENING DATE REMAINS: 09/15/2010						
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A&E SERVICES DESIGN OF ADA RAMP TO LEVEE/BOAT DOCK						
***** THIS IS THE END OF RFQ GSD116408 ***** TOTAL:						



SIGNATURE _____ TELEPHONE _____ DATE _____
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WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

GSD116408: EOI for Design of ADA Access Ramp to Boat Dock

Technical Questions & Answers

Question #1: Are drawings of the existing levee & recently completed rehab work available? Paper or CAD?

Answer #1: A PDF file is attached to this addendum.

Question #2: Even though the dock is being designed by others, what size & types of watercraft do you anticipate being docked and in what quantity?

Answer #2: Anticipate anything that will float in the Kanawha River and fit through a lock. The majority of visitors will be small pleasure craft, sternwheeler boats are likely, an occasional tug and barges for special events. In the 1950's a navy cruiser visited the Capitol. Since the dock is new, we have no estimate of future dock usage.

Question #3: Will a Phase I be required? Has one been done? SHPO/NEPA clearance?

Answer #3: No, a phase I is not anticipated. The plans will be reviewed by SHPO prior to Capitol Building Commission approval. Federal funds are not involved so a NEPA review is not required.

Question #4: Will we be required to obtain the USACE 404 permit for the entire facility?

Answer #4: No. The permit for the dock is being obtained by the dock installer.

Question #5: Are we to design the dock abutment structure?

Answer #5: No, there will be a gangway to the dock by the dock installer.

Question #6: Since site electrical & security is included, are we to make provisions for lighting on the dock itself? Also, would there be a need for providing marine outlets (electric, voice, data, potable water) for watercraft moored at the facility?

Answer #6: Lighting should be provided for the ramp. Lighting for the dock is yet to be determined. Anticipate a moderate need for event power in the design. We do not anticipate long term mooring of boats at the dock.

Question #7: How many pedestrians should the facility accommodate at any given time/event? Specifically, the lower level landing?

Answer #7: The ramp is intended to provide handicapped accessibility. Although non-handicapped pedestrians may use the ramp, using the ramp as a observation/seating area during events would defeat its purpose.

Question #8: In relation to the normal pool, do you have a final dock elevation in mind?

Answer #8: The dock will be floating.

Question #9: On the lower level, are the cut stone steps to the immediate left & right of the main levee steps historically significant & shouldn't be disturbed?

Answer #9: Yes.

Question #10: Would you consider including ADA compliant pedestrian crossings at Greenbrier Street and California Avenue in the project?

Answer #10: Pedestrian crossings will be considered separately under another project.

Question #11: Do you have a budget/funds committed for the project? If so, what is the amount?

Answer #11: The State does not disclose budgetary information in solicitations for bids, proposals or expressions.

Question #12: Has a mechanical lift system been ruled out as an option?

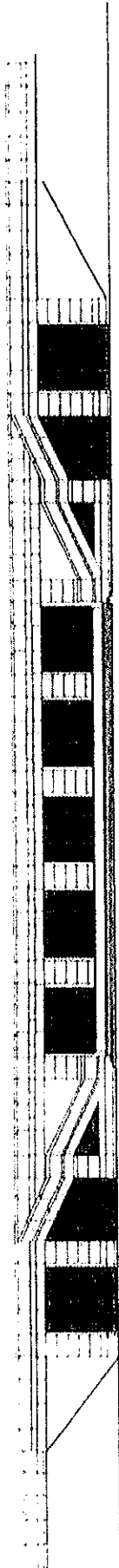
Answer #12: Yes, this was discussed early, but there were concerns about mixing electrical power & water, maintenance issues, debris damage to the track, vandalism, the need for multiple lifts at different sections of slopes and stairs. In the case of a chair-type lift, moving a wheelchair up the steep levee steps would be difficult. A ramp was considered to be the best solution for long term operation.

Question #13: There appears to be an old set of floating dock anchorages to either side of the main levee steps, possibly dating back to the 1950's. Do you have information on that dock system? Also, are the anchorages historically significant?

Answer #13: The West Virginia Capitol predates the construction of the Kanawha Lock system. These anchorages date to river bank improvements in the late 1930's and 1940's.

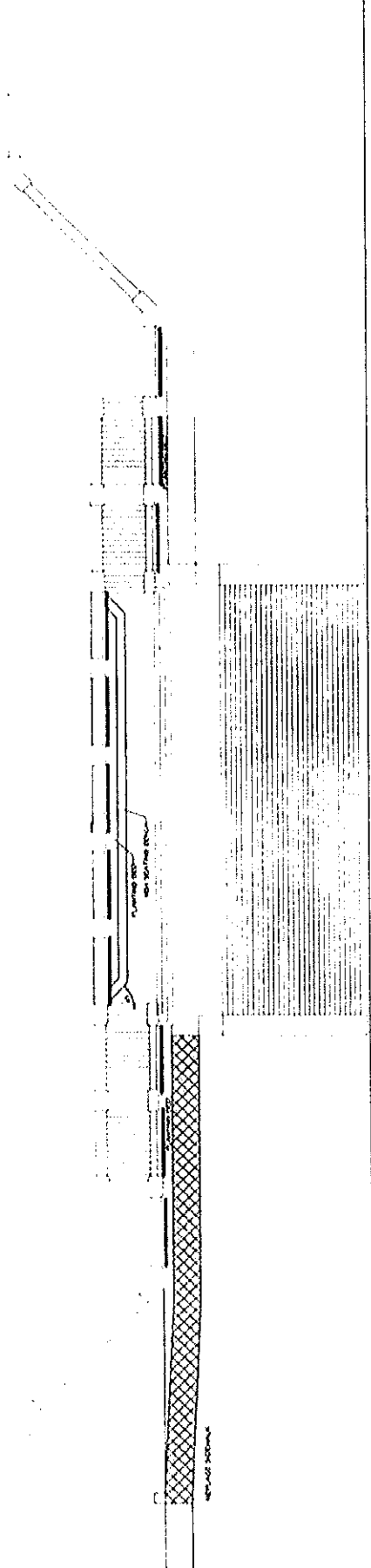
Question #14: Would you consider coordinating the design effort with the waterfront upgrades being done by the City of Charleston?

Answer #14: The intent of this project is to provide handicapped accessibility to the new dock.



LEVEE WALL - ELEVATION

KANAWHA BOULEVARD



KANAWHA RIVER

LEVEE WALL - PLAN VIEW

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 SIGNATURE

Vendor's Name: _____

Authorized Signature: [Signature] Date: SEPT 15, 2010

State of West Virginia

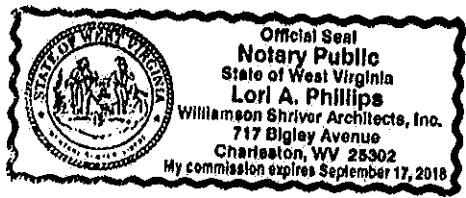
County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 15th day of September, 2010.

My Commission expires September 17, 2018.

AFFIX SEAL HERE

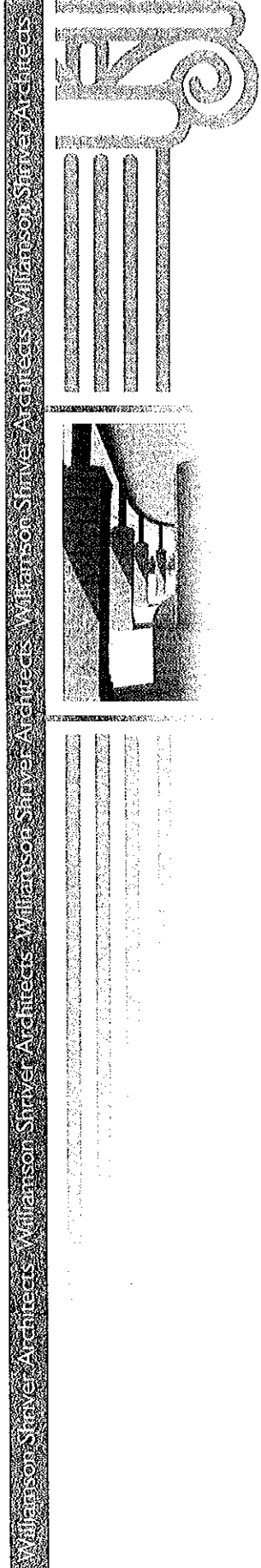
NOTARY PUBLIC Lori A Phillips



contents

Williamson Shriver Architects

Heritage and Experience	Tab 1
Staff and Resumes	Tab 2
Local Projects	Tab 3
Consultants	Tab 4
References and Testimonials	Tab 5



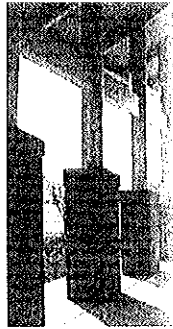
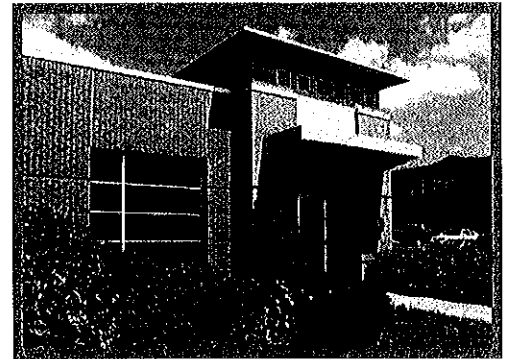
heritage & experience

Overview

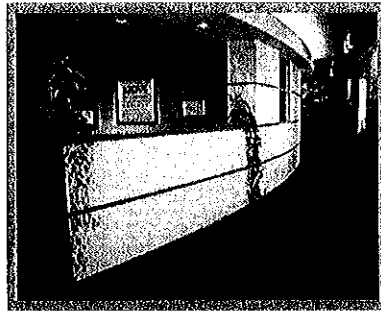
Williamson Shriver Architects

is an award-winning, multi-disciplinary design firm that has been in business since 1967. While specializing in educational planning and design, we provide design services to a diverse client base throughout West Virginia. With construction values exceeding one billion dollars over our history, the size and scale of our projects have ranged from detailed designs for small interior renovations to large multi-million dollar new new facilities. Large or small, simple or complex, every project has our commitment to diligent, well thought-out design. Our functional and distinctive buildings reflect the vision of our clients and the spirit of our communities.

The Office of Williamson Shriver Architects



The vision of our clients and the spirit of our communities.



Experienced, capable, and responsive, we have a long tradition of excellence and client commitment. Simply put ... we listen ... and combine what we learn from listening with a clear understanding of technology and a wealth of experience. Every Williamson Shriver Architects design is a collaboration with the end user. Our finished projects work for people because they start with people. Through focus groups, individual interviews, and public meetings, we ask our clients to stretch

their imagination and anticipate how they will use each space. The result of this process ... flexible design solutions that respond to people and make the most of budgets.

Experienced ... Capable ... Responsive



Commitment to quality, dedication to project and client, and a 40+ year tradition of innovation and architectural excellence... that's Williamson Shriver Architects. No matter what the program, site, or budget, we've been there and we have the experience and vision to shape your project into a success. At Williamson Shriver Architects, we're listening.



Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects

heritage & experience

Experience

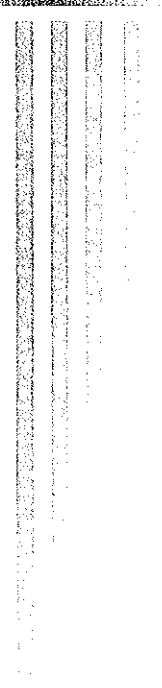
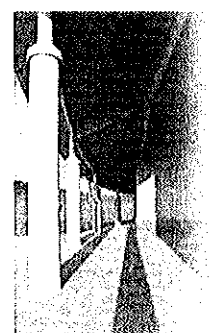
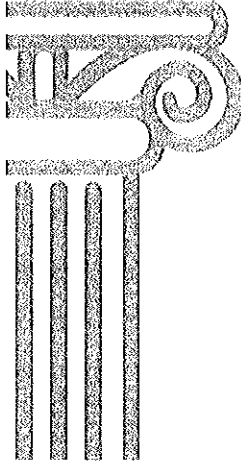
- National Guard Armories
- Government Facilities
- Libraries
- Office Buildings
- Art Center
- Restaurants

Technology

- First architectural firm in 1985 in West Virginia to utilize computer design and drafting technology for production of architectural drawings.
- First architectural firm in West Virginia to utilize Autodesk Revit, a building information modeling (BIM) software.

General Information

- Educational facilities have been recognized and granted awards by the West Virginia Society of Architects, Council of Educational Facility Planners International, American Association of School Administrators
- Architectural projects have been published in the American School and University magazine portfolio
- Members of the American Institute of Architects
- Members of the Council of Educational Facility Planners, International
- Members of the International Code Council (ICC)
- Members of the National Fire Protection Association



scope of available services

Williamson Shriver Architects offers our clients the design services listed here as either basic or additional services. Services offered by outside consultants are indicated as such.

Pre-Design Services

- Existing Facilities Surveys
- Feasibility Studies
- Programmatic Specifications
- Site Analysis and Selection
- Zoning Processing Assistance
- Bond Issue Planning Assistance
- Educational Facility Planning

Architectural Design

- Building and Site Design
- Structural Design
- Renovation / Restoration Design
- Materials Research and Specifications
- ADA / Life Safety Research
- Budget Analysis
- Value Analysis
- Scheduling

Interior Design

- Space Planning
- Tenant Fit-up
- Furniture and Equipment Procurement
- Selection of Interior Finishes
- Color Coordination

Construction Procurement / Administration

- Preparation of Contract Documents
- Bidding / Negotiation
- Construction Observation
- Contract Administration
- Post-Occupancy Services

Other Services

- Facilities Documentation utilizing Autodesk Autocad
- 3D Visualization
- Promotional Materials
- Graphic Design

The following services are provided through the assistance of outside consulting firms:

- Mechanical/Electrical Engineering
- Fire Protection Design
- Landscape Design
- Civil Engineering
- Stormwater Management
- Acoustical Design

project approach

The following are several aspects of our firm and proposed project team that make us uniquely qualified for your consideration:

Firm Management

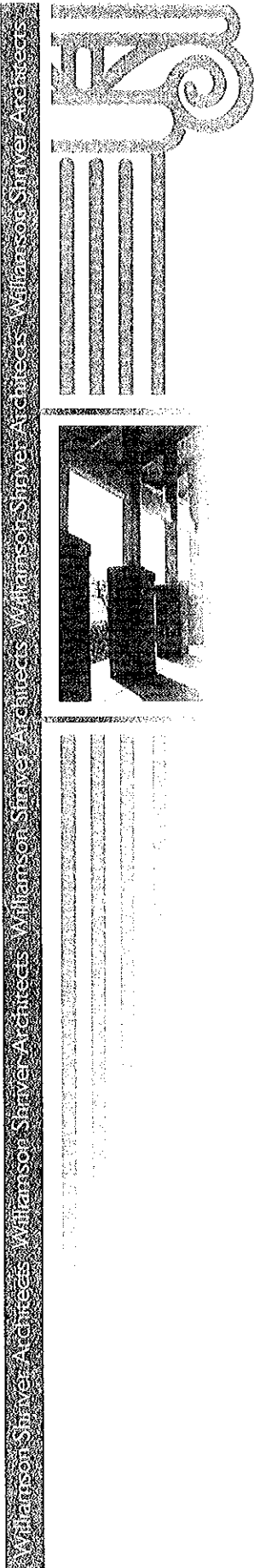
Williamson Shriver Architects is a mid-sized firm but with a small-firm attitude of service to our clients. Our principals, Greg Williamson and Ted Shriver, are actively involved in virtually all aspects of the firm's projects and most of the building planning and design concepts originate from the partners. On this Advanced Technology Center Project, Mr. Williamson will be the Partner-in-Charge and will serve as project designer as well as the main point of contact with the Council staff. A Project Architect / Manager will be assigned with the responsibility to produce documents and specifications based upon the design as well as to coordinate all team member activities and contributions to the project.

Inclusive Design Process

We believe that good design comes from good listening. We continually stress the importance of involving the building users throughout the design process and facilitating their input. This starts with the schematic "big picture" design concepts and continues all the way through the process to interior design and furniture selection. This is accomplished through a variety of methods including presentations, design charrettes, interior end exterior 3D modeling, and general discussions and feedback. Our track record of highly successful buildings is directly attributable to this inclusive process.

Technology Implementation

Way back in 1986, Williamson Shriver Architects was one of the first architectural firms in West Virginia to jump headlong into computer aided design and drafting (CADD) technology. Since that time, we have maintained our enthusiasm about the implementation of emerging technologies into the design process. In 2007, we did it again, becoming one of the first WV architectural firms to begin using Building Information Modeling (BIM) technology (specifically, Revit). Well beyond traditional drafting software, BIM is a more holistic approach to building design and culminates in an electronic 3-dimensional model of the building and its components. This offers the Owner the benefit of a long-term facility management tool upon completion of the construction process, and greatly reduces inaccuracies in the construction document preparation process. It is, without a doubt, the design and construction tool of the future.



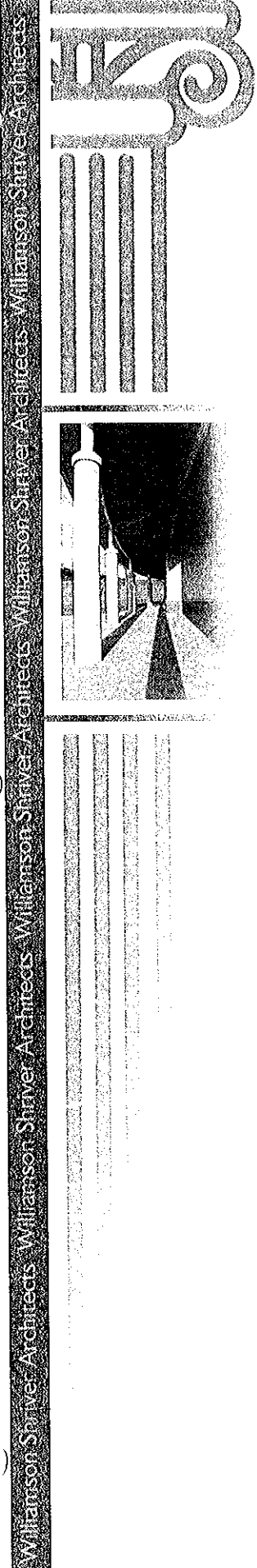
project approach

Construction Administration

The construction phase may be a small portion of an architect's fee, but this phase plays a large role in our success. After the commencement of construction, one of our three highly-experienced Construction Administrators (with a combined seventy years in construction) will undertake the day-to-day oversight of the construction process. While construction has been humorously defined as "an exercise in conflict resolution", we strive to remove any contentiousness from the process and to be fair with all parties. This attitude, and resulting actions, will ultimately save the Owner time and money (and frustrations) at the same time assuring that the intended design quality is ultimately delivered in the completed building.

Sustainable Design

Williamson Shriver Architects is proud to be in the forefront of West Virginia's sustainable design community. Both firm principals are LEED Accredited Professionals (LEED AP) along with Architect Eddie Bumpus. Additionally, team member Terradon Corporation also brings LEED AP and sustainable design experience to this project. We are currently designing what will be the School Building Authority of WV's first LEED rated facility (specifically targeting LEED Silver). When complete, Spring Mills Primary School in Martinsburg, WV will feature a geothermal heat pump system, natural daylighting, and many other energy saving and sustainable features. It is anticipated that the integrated design concepts being employed will save the owner over 25% in energy costs annually.



Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects

awards and recognition

Williamson Shriver Architects is proud to have been honored by its peers as well as the educational community for design excellence on the projects listed here:

Philip Barbour High School Philippi, WV
2006 Architectural Portfolio Publication
American School and University Magazine

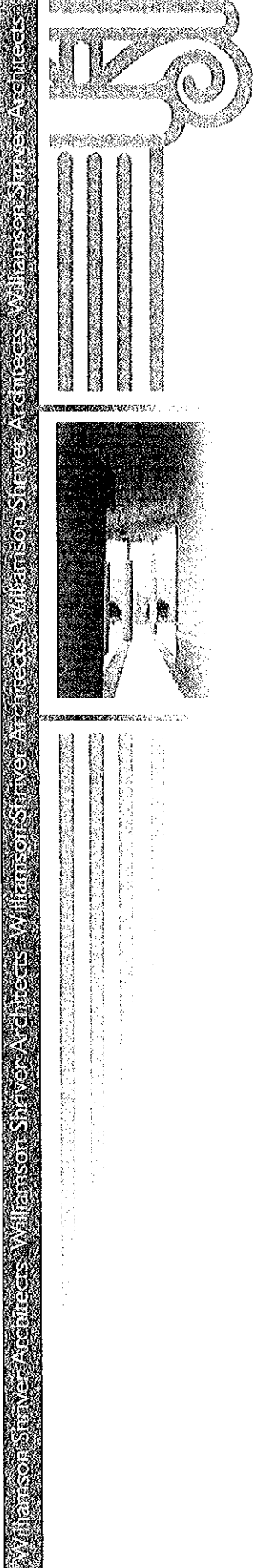
Shepherd College Stadium Addition Shepherdstown, WV
Merit Award for Achievement in Architectural Design - 2002
West Virginia Society of Architects / AIA

Caperton Center for Applied Technology Parkersburg, WV
Honor Award for Excellence in Architectural Design - 1999
West Virginia Society of Architects / AIA
Selected for Display - CEFPI Convention 1997
Council of Educational Facility Planners International

Cabell Midland High School Ona, WV
Honor Award for Excellence in Architectural Design - 1995
West Virginia Society of Architects / AIA
1995 Architectural Portfolio Publication
American School and University Magazine
Selected for Display - CEFPI Convention 1994
Council of Educational Facility Planners International

Huntington High School Huntington, WV
Merit Award for Achievement in Architectural Design - 1997
West Virginia Society of Architects / AIA
1997 Architectural Portfolio Publication
American School and University Magazine
Selected for Display - CEFPI Convention 1997
Council of Educational Facility Planners International
Selected for Display - AASA Convention 1998
American Association of School Administrators

Musselman High School Bunker Hill, WV
Merit Award for Excellence in Architectural Design - 2000
West Virginia Society of Architects / AIA
2000 Architectural Portfolio Publication
American School and University Magazine
Selected for Display - CEFPI Convention 2000
Council of Educational Facilities Planners International



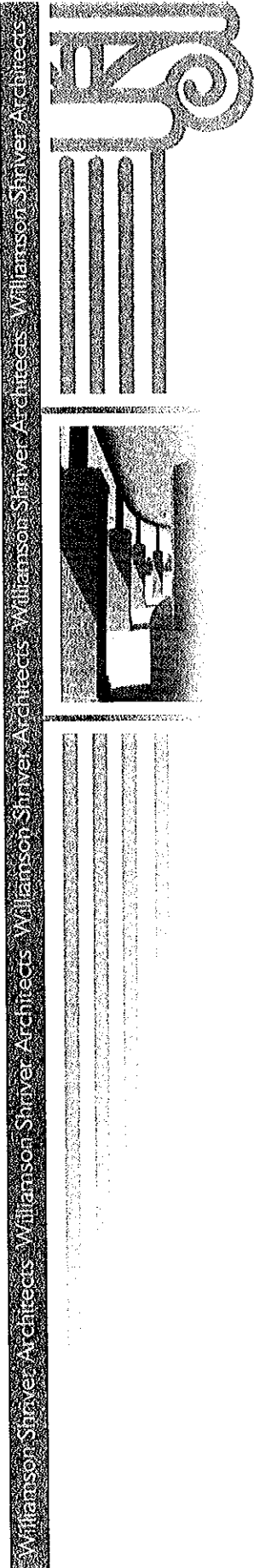
awards and recognition

Robert C. Byrd High School Clarksburg, WV
1997 Architectural Portfolio Publication
American School and University Magazine
Selected for Display - AASA Convention 1998
American Association of School Administrators

East Fairmont High School Fairmont, WV
1995 Architectural Portfolio Publication
American School and University Magazine
Selected for Display - AASA Convention 1994
American Association of School Administrators

Braxton County Middle School Flatwoods, WV
Selected for Display - AASA Convention 1993
American Association of School Administrators

Doddridge County Middle School Smithburg, WV
Selected for Display - CEFP Convention 1994
Council of Educational Facility Planners
Selected for Display - AASA Convention 1992
American Association of School Administrators



Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects

management approach & quality control

Management Approach

Overall management responsibility for the project will be with Ted A. Shriver, AIA LEED AP. He will function as the point of contact with the State of West Virginia and will serve as liaison between the design team and the State. In addition, Mr. Shriver will be responsible for project coordination among the consulting team during the design phases of the project. Under this leadership, we will utilize the services of Terradon Corporation, a consulting engineering firm providing designs for site and civil engineering.

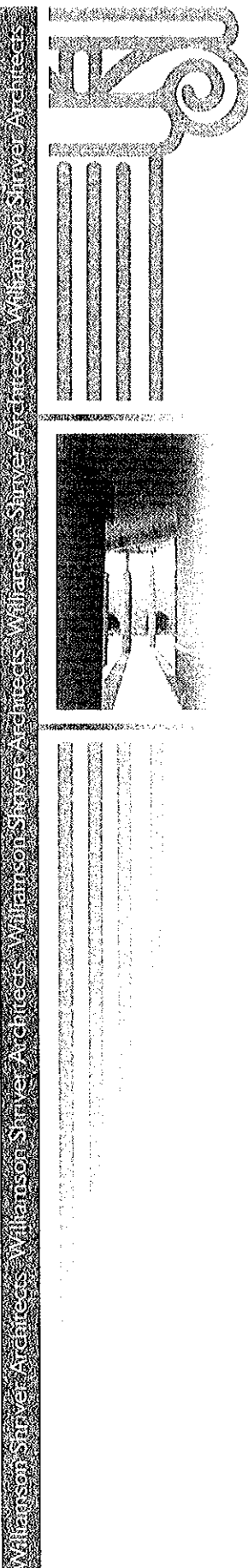
The approach taken to manage this project will incorporate proven procedures used on previous highly successful projects. We will utilize cost control techniques which we have developed and which have served clients successfully on past projects, and we will implement quality control procedures consistent with similar building programs of this nature and size.

1. Scheduling

A master project schedule will be prepared to reflect all of the work tasks for the project organized by design phase and showing timelines and milestone dates for all tasks. We will also show the organization/individual responsible for the task. It will be organized as a horizontal bar chart with the critical path shown as highlighted vertical lines. The schedule will be tested at critical intervals and measures taken to assure the schedule is maintained. Work efforts are tested against progress so that potential conflicts and delays can be detected quickly and appropriate action taken immediately to preserve scheduled milestones.

2. Cost Control

It is vitally important that the project budget and the project program and expectations are compatible from the outset. Once the initial project budget and concept document review scope is established and agreed upon, all future cost estimates and design decisions will be measured against that budget and program. Typically, further cost testing will be performed at the completion of schematic and design development drawings, and at 75% completion of contract drawings. Between formal estimates, the design team is constantly evaluating design and specification alternatives in an on-going effort to achieve the project goals in a cost effective manner and to maximize the value of the funds available for the project.



management approach & quality control

3. Quality Management

The Williamson Shriver Architects, Inc. design team subscribes to a Total Quality Management Plan (TQM) by using established TQM practices to avoid delays, overruns and losses through anticipation, cooperation, communication, and prevention. Quality consciousness is a top priority at every level of performance, from administrative services to project management to corporate management.

With respect to the design profession, the important issues of production control, quality control, cost control and loss control are addressed early in the project when they will have the greatest effect on the design decision-making process. Our consultants will participate in a continuous process of improvement. To fully engage in organizational policies that will further the long term strategy and technique of TQM, the following strategies are followed:

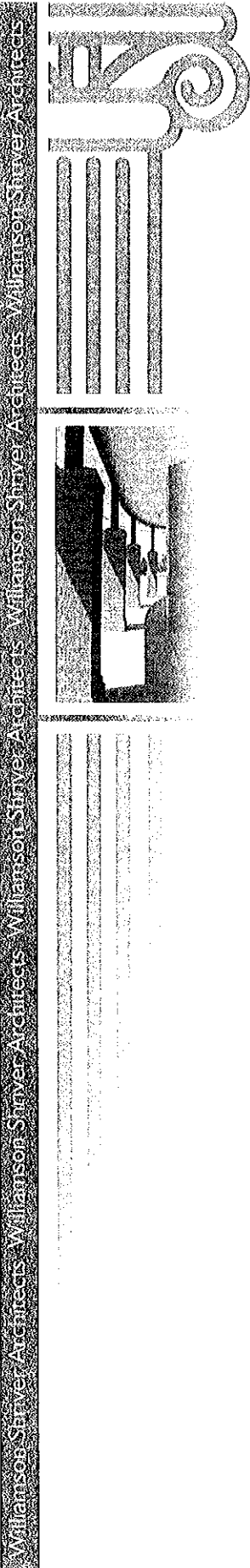
- Top management support
- Long term strategic planning
- Client focus
- Employee training and recognition
- Performance measurement
- Balance of project manager and quality advisor roles

Quality assurance reviews for this State of West Virginia project will be scheduled and performed to include the following important design and construction concerns:

- Concept document
- Value engineering and life-cycle costing
- Budget/cost compliance
- Code and Jurisdictional Compliance
- Design quality and Program Compliance
- Energy analysis
- ADA accessibility

4. CADD Capability

All of the major disciplines on this project have the capacity for CADD. Autodesk Revit, a building information modeling (BIM) software, and Architectural Desktop 2010 will be utilized throughout the design process. This is not only a valuable production tool for the design team, it also offers better technical control of the coordination between disciplines, enhanced clarity of contract documents, and it provides a potential facilities management benefit for clients. Williamson Shriver Architects was among the first architectural firms in West Virginia to utilize computer aided drafting and BIM software.



subtainable design

Williamson Shriver Architects began its mindset of sustainability design, with the adaptive reuse of an urban building for its own offices.

US Green Building Council

Williamson Shriver Architects, Inc. is a member firm of the US Green Building Council

LEED Professionals on staff

Firm Principals:

Gregory A. Williamson AIA, LEED AP, REFP

Ted A. Shriver AIA, LEED AP, REFP

Staff:

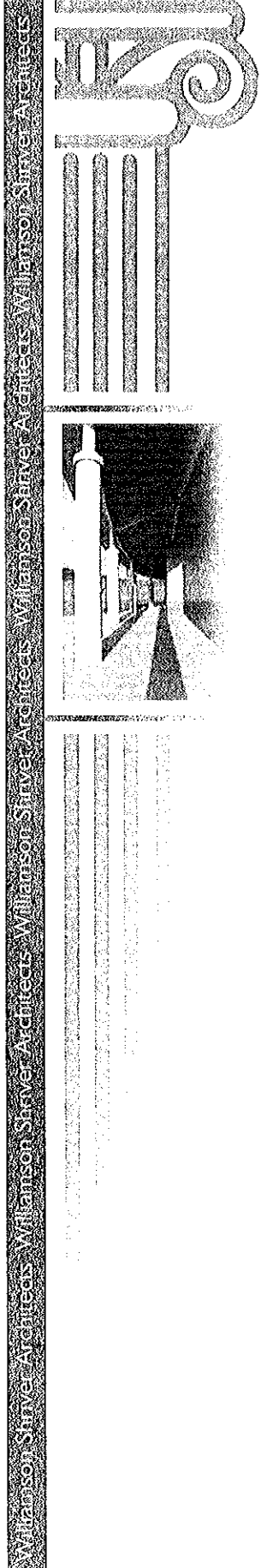
George E. Bumpus AIA, LEED AP

Spring Mills Primary School

In 2008, Berkeley County Schools was granted, and Williamson Shriver Architects awarded, the design of Spring Mills Primary School. This new primary school will utilize the USGBC rating system to achieve a LEED Silver certification.

new LEED School for Monongalia County Schools

In 2010, Monongalia County Schools was granted, and Williamson Shriver Architects awarded, the design of their new LEED Elementary School. This new primary school will utilize the USGBC rating system to achieve a LEED Silver certification.



staff and experience

Name	Position	Years This Firm (Total Experience)
Gregory A. Williamson AIA LEED AP REFP	Architect / President	24 (27)
Ted A. Shriver AIA LEED AP REFP	Architect / Vice-President	23 (28)
Lori A. Phillips	Executive Assistant	10 (18)
Rexanna VanHorn	Reception / Administrative Assistant	0 (20)
Joyce A. Johnson	Financial Administrative Assistant	1 (6)
Sarah Petry	Marketing Assistant	0 (9)
George E. Bumpus AIA LEED AP	Architect	6 (30)
Donald W. Beyer P. E.	Structural Engineer	18 (28)
Dana K. Scarberry	Project Manager	18 (23)
Michael L. Spencer	Project Manager	11 (16)
Mike Nichols	Project Manager	4 (9)
Justin Offutt	Assistant Project Manager	0 (1)
Greg Martin	Intern Architect	1 (3)
Andrew Crawford	Intern Architect	0 (1)
Brendon Leaptrot	Intern Architect	0 (0)
Steven W. Gibson	Contract Administration	22 (28)
Micah R. Whitlow	Designer	8 (9)
Bill Ratcliffe REFP	Educational Planning	5 (35)

09/10

Gregory A. Williamson AIA/LEED AP/PRP/LLP (AIA Fellow/President)

Mr. Williamson attended the University of Tennessee, where he received his bachelor of architecture degree in 1981. His professional career began at Sverdrup and Parcel and later with Donald L. Moses Associates, both in Charleston. In 1983 he joined Gandee Thomas and Sprouse / GTS Partners as an architect and project designer and obtained his West Virginia registration as an architect in 1985.

In 1994, along with Ted Shriver, Mr. Williamson acquired the firm from founder Kent Gandee, and together they have continued the tradition of quality, client-focused architectural design for which the firm has been recognized. As a design partner, Mr. Williamson has designed such prominent and well-received projects as Cabell Midland High School, Caperton Center for Applied Technology at WVU-Parkersburg, and the Lodge and Conference Center at Chief Logan State Park. Additionally, he represented Williamson Shriver Architects in their role as associated architect on two prominent commissions in Charleston, the United States Federal Courthouse with architect SOM of New York, and the Clay Center for the Arts and Sciences with Kise Straw Kolodner Architects of Philadelphia.

Mr. Williamson is a member of the WV Board of Architects, appointed by Governor Underwood in 1999. He has active registrations in West Virginia, Virginia, Maryland, and Kentucky, and is a holder of an NCARB certificate. He is a past president of the West Virginia Society of Architects, has served as a part time instructor at the University of Charleston, and has also served as a juror on several local or regional design award programs.

Education:

University of Tennessee, 1981
B. Architecture
West Virginia State College, 1978
Winfield (WV) High School 1976

Registration:

Architect, West Virginia No. 2101
Architect, Kentucky No. 4062
Architect, Maryland No. 9945
Architect, Virginia No.0401 011183
NCARB Cert. No. 33662

Affiliations:

West Virginia Board of Architects 1999-Present
American Institute of Architects
WV Society of Architects
President 1994 & 1995
Council of Educational Facility
Planners International
Recognized Educational Facility Professional
Putnam County Board of Zoning Appeals
Member - 1997 to 2001
NCARB Committee on Education 2006-2007

Related Experience:

Part-time Instructor, University of
Charleston Carlton Varney School of
Art & Design, 1987-1988
Part-time Instructor, West Virginia State
College, Industrial Technology, 1988

Project Experience:

Partner-in Charge for:
Shepherd College Stadium Addition
Caperton Center for Applied Technology
Cabell Midland High School
Huntington High School
Romney Middle School
Mountain Ridge Elementary School (Berkeley)
Brooke High School Wellness Center
Capon Bridge Middle School
Keyser High School
International Coal Group Headquarters

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Ted A. Shriver AIA LEED AP REFP (Architect/Vice President)

Mr. Shriver is an architect and Vice President of Williamson Shriver Architects and is responsible for the office-wide coordination and production of contract documents. He brings to the firm 25 years of architectural experience, and his primary responsibility is to ensure that appropriate production and support resources are applied to each project. Mr. Shriver's career began in 1979 with other local firms, but he has been with the firm since 1984 with partner Greg Williamson.

Ted and Greg provide client focused services, specializing in educational facilities. We are pleased to be a part of Monongalia County Schools 50 million dollar bond passage. This is the largest bond passed by the voters in the State of West Virginia, and it is matched with an additional 15 million dollars by the State School Building Authority.

Office management, marketing and construction administration on smaller scope projects add to his daily responsibilities. He also oversees the firm's computer system, including evaluation and installation of new technology. He has extended this computer expertise to an understanding of the utilization and implementation of technology in school facilities and attends the Council of Educational Facility Planners' Technology Conferences. Since 2005, Mr. Shriver has focused on establishing guidelines for our designs on implementing safe schools and monitoring systems.

Mr. Shriver is active in the Council of Educational Facility Planners International especially in the Southeast Region. In 2003, he was one of the founding members of the West Virginia Chapter and served as their President from 2004-2007. He has also served as the Southeast Director since 2002.

Education:

Fairmont State College, 1979
A.S. Architectural Technology
South Charleston High School 1977

Registration:

Architect, West Virginia No. 2811
Architect, Ohio No. 11173
Architect, Maryland No. 10948

Affiliations:

American Institute of Architects
WV Society of Architects

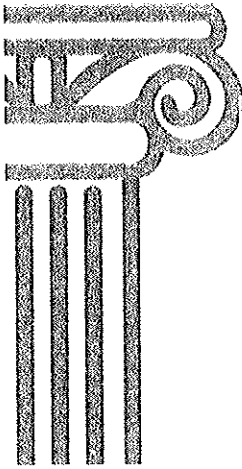
Council of Educational Facility
Planners International (CEFPI)
CEFPI Southeast Region Alternate Director 2002-2003
CEFPI Southeast Region Director 2003-Present
CEFPI Recognized Educational Facility Professional (REFP)

South Charleston Board of Health
National Fire Protection Association
Building Officials and Code Administrators International
Contractors Association of WV

Experience:

University High School
Doddridge County High School Bond Planning
Monongalia County Schools Bond Planning
Taylor County Schools Bond Planning
Chief Logan Conference Center
Moundsville Junior High School
University of Charleston -
Master Planning, Health Sciences Division
Musselman Middle School
Calhoun County Middle / High School
South Charleston Community Center
South Charleston Ice Arena
Tygart Lake State Park Lodge - Renovations
Robert C. Byrd High School
Ritchie County Middle / High School
Doddridge County Middle School
Bridgeport Middle School
Cagney's Restaurant / Office Building

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Steven W. Gibson (Construction/Administration)

Mr. Gibson is responsible for contract document administration and field observation during the construction phase of a project. His duties include shop drawing review, attending construction conferences, compiling construction observation reports, and serving as liaison between owner and contractor.

Prior to joining the staff in 1985, Mr. Gibson's experience was primarily in the engineering fields. He has participated in the design, project management and construction of numerous industrial, commercial, public housing and public works facilities since 1970.

Mr. Gibson has also worked for a large local construction firm. This employment allowed him to gain knowledge and understanding of the contractors' perspective toward construction projects.

Education:

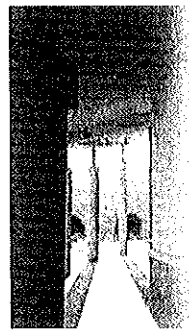
West Virginia State College, 1971
B.S. Industrial Technology

Affiliations:

American Institute of Architects
WV Society of Architects

Previous Employment:

Carlton Construction Company
Construction Estimator
Randolph Engineering



Bill Ratcliffe REFP (Educational Planning/Contract Administration)

Mr. Ratcliffe has over 20 years experience in Educational Facilities Planning on the county level working in the Kanawha County School system and on the state level working for the School Building Authority of WV (SBA).

Mr. Ratcliffe, through the Council of Educational Facilities Planners International (CEFPI), has obtained the designation as Recognized Educational Facilities Planner (REFP) and is the Secretary/Treasurer of the WV Chapter of CEFPI.

During his tenure with the SBA, Mr. Ratcliffe worked with twenty-five county Boards of Education on over 100 projects.

Education:

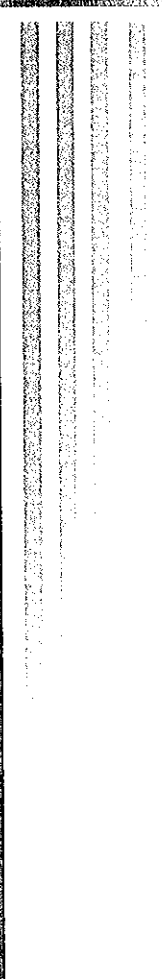
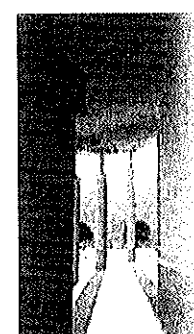
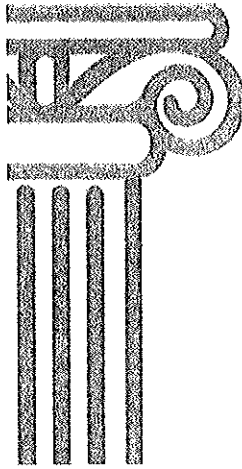
WV State University 2005
B.A. Regents Degree Business/Construction
St. Albans High School 1970

Affiliations:

Council of Educational Facilities Planners
International (CEFPI) (REFP)
WV Chapter CEFPI Secretary/Treasurer
American Institute of Architects
Associate Member of the WV Chapter
Chairman of the WV Legislative Committee to
Develop Guidelines for Radon/IAQ Prevention
in New School Construction
WV Legislative Committee to Develop Guidelines
for School Major Improvement/Preventive
Maintenance Programs
Kanawha County Schools Energy Conservation
Project Team

Previous Employment:

School Building Authority of WV
1991 to 2005
AH&M Carolina Environmental Consulting Eng.
1990
Kanawha County Board of Education
1977 - 1989
City of South Charleston
1977
Kelley, Gidley, Blair, & Wolfe Consulting Eng.
1975 - 1977
Wilkinson Surveying & Engineering Company
1974 - 1975
Southeastern Environmental Engineering Co.
1973 - 1974



George E. Bumpus AIA LEED AP (Architect)

Mr. Bumpus is an Architect with Williamson Shriver Architects and is responsible for project development and production of construction documents. His project activities include lighting design, preparation of construction documents including technical specifications for furnishings and equipment, and coordination with project consultants. He has served as lead designer and project manager on a variety of projects that include new construction, renovations and additions, with budgets from \$500,000 to \$23,000,000. Mr. Bumpus has 30 years total experience in architectural, mechanical and electrical design.

Education:

West Virginia State College

A. A. S. - Construction Mgmt. - 1989

B. S. - Architectural Technology - 1993

Registration:

Architect, West Virginia No. 4047

Architect, Arizona No. 38723

Previous Employment:

The HDMR Group, Inc.

1993 - 2002

John Brown, Inc.

1989 - 1993

Holderby Engineering, Inc.

1978 - 1981

1983 - 1989

Affiliations:

American Institute of Architects

WV Society of Architects

Illuminating Engineering Society of North America

(IESNA) Associate Member

Project Experience

North Berkeley Intermediate School

Point Harmony Elem. School - Add/Renov

Warm Springs M. S. - Add/Renov

Bunker Hill Elementary Addition

Mountain Ridge Elementary

Monroe Technical Center - Renov

Buckhannon Upshur H.S. - Renov

Ravenswood H.S. - Renov

University of Charleston - Renov

Mill Creek Intermediate School - Renov

War Pre K-8 School

Back Creek Valley Elem. School - Add/Renov

International Coal Group, Inc. - Office Bldg.

Pleasants County M.S. - Renov

Rosemont Elem. School - Renov

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Donald W. Beyer PE (Structural Engineer)

Mr. Beyer is responsible for the structural design of the firm's various projects. He participates in all phases of design, from the review of site characteristics to the design of economical as well as attractive structural systems. He is involved with the production of details and specifications for a project's structural materials.

Mr. Beyer's close involvement with the project architect provides for the smooth integration of the structural system into the project while maintaining the aesthetics of the architect's design. His availability for consultation is an asset to the design team.

Mr. Beyer draws from his years of experience as a structural steel detailer, a structural draftsman, and engineering technician.

Education:

WV Institute of Technology 1997
B. S. Civil Engineering
WV Institute of Technology 1978
A. S. Drafting & Design Eng. Technology

Affiliations:

American Society of Civil Engineers
American Institute of Architects
WV Society of Architects
Professional Affiliate Member

Registration:

Professional Engineer, WV No. 15054

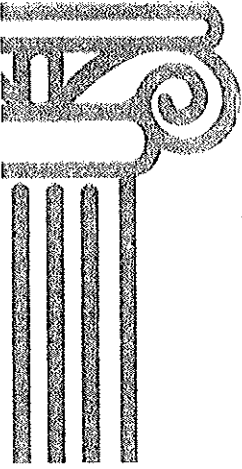
Previous Employment:

Kelley, Gidley, Blair and Wolfe Engineers
1986 - 1990
W. C. Haworth, Structural Engineers
1984 - 1986
Union Carbide Corporation
1979 - 1983
West Virginia Steel Corporation
1978 - 1979

Project Experience:

Romney Middle School
Jefferson County Middle School
Spring Mills Area Middle School
Huntington Summit High School
Teay's Corporate Center - Teays Valley
Charter Communications Office Building
Keyser High School
South Charleston Ice Skating Arena
Brooke County High School Wellness Center
Chief Logan State Park Conference Center
South Charleston Area Development
Office Building

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Gregory I. Martin AIA Associate

Mr. Martin received his Masters of Architecture Degree from Virginia Polytechnic Institute and State University in 2008 after graduating from Fairmont State University in 2005. He began his professional career with Marks, Thomas Architects in Baltimore MD, and came to Williamson Shriver Architects in October of 2008. As an Intern Architect, he specializes in building design and production / coordination of construction documents for projects of all types and sizes. In addition to his professional career, Mr. Martin is an accomplished craftsman, model maker, and sculptor in wood and other media.

Education:

Virginia Polytechnic Institute and State University
Master of Architecture - 2008
Fairmont State University
B. S. - Architectural Engineering Technology - 2005
Ripley High School - 2001

Previous Employment:

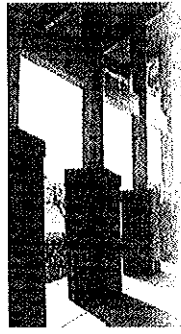
Marks-Thomas Architects
2008
Thomas Koontz Architect , P.C.
2006 (Summer Intern)
WYK Associates, Inc.
2003-2005

Affiliations:

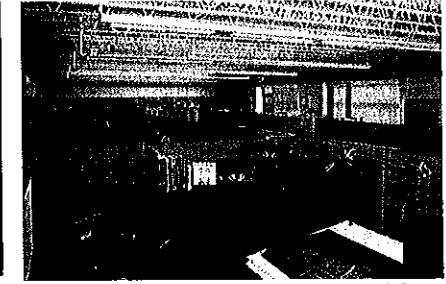
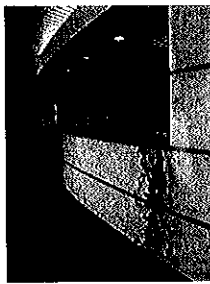
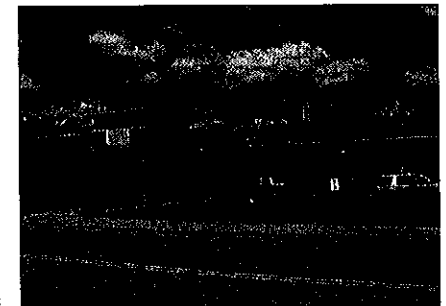
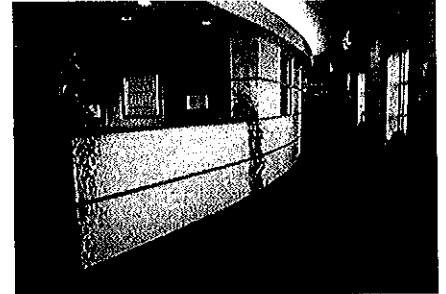
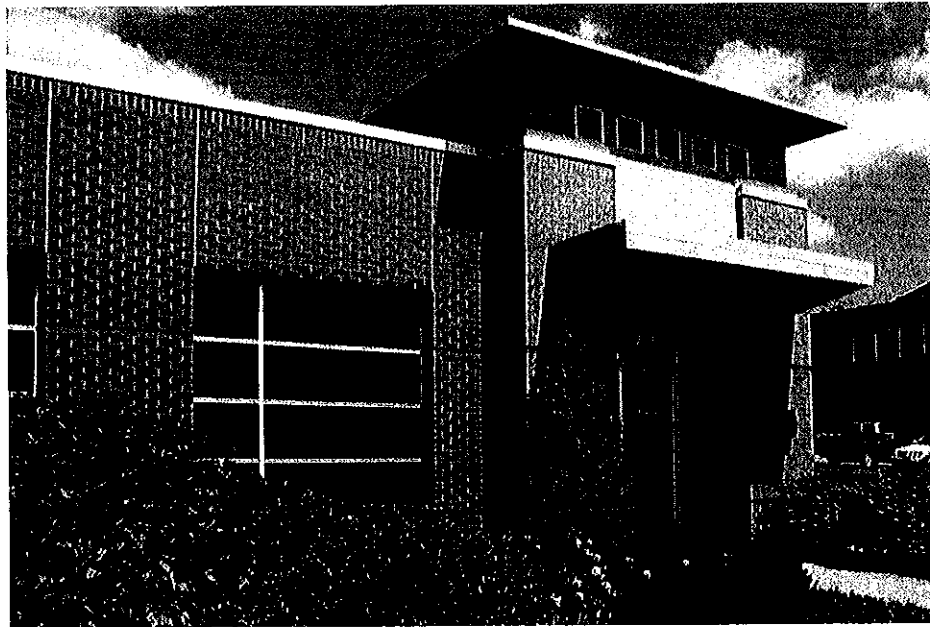
American Institute of Architects
WV Society of Architects

Project Experience

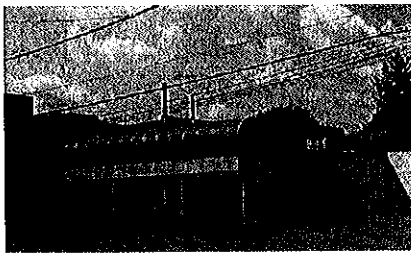
Mingo Central High School
Morgantown High School Stadium
Little Creek Country Club
1111 Light Street - Baltimore (MTA)
Price's Fork Office Building (TKA/PC)
West Union Bank (WYK)



Williamson Shriver Architects Offices Charleston, West Virginia



After



Before

Owner: TGEA Group, LLC

Project Team: Williamson Shriver Architects

Responsible Partner: Ted. A. Shriver, AIA

Project Manager: Michael L. Spencer

Project Data:

Square Footage: 6,000

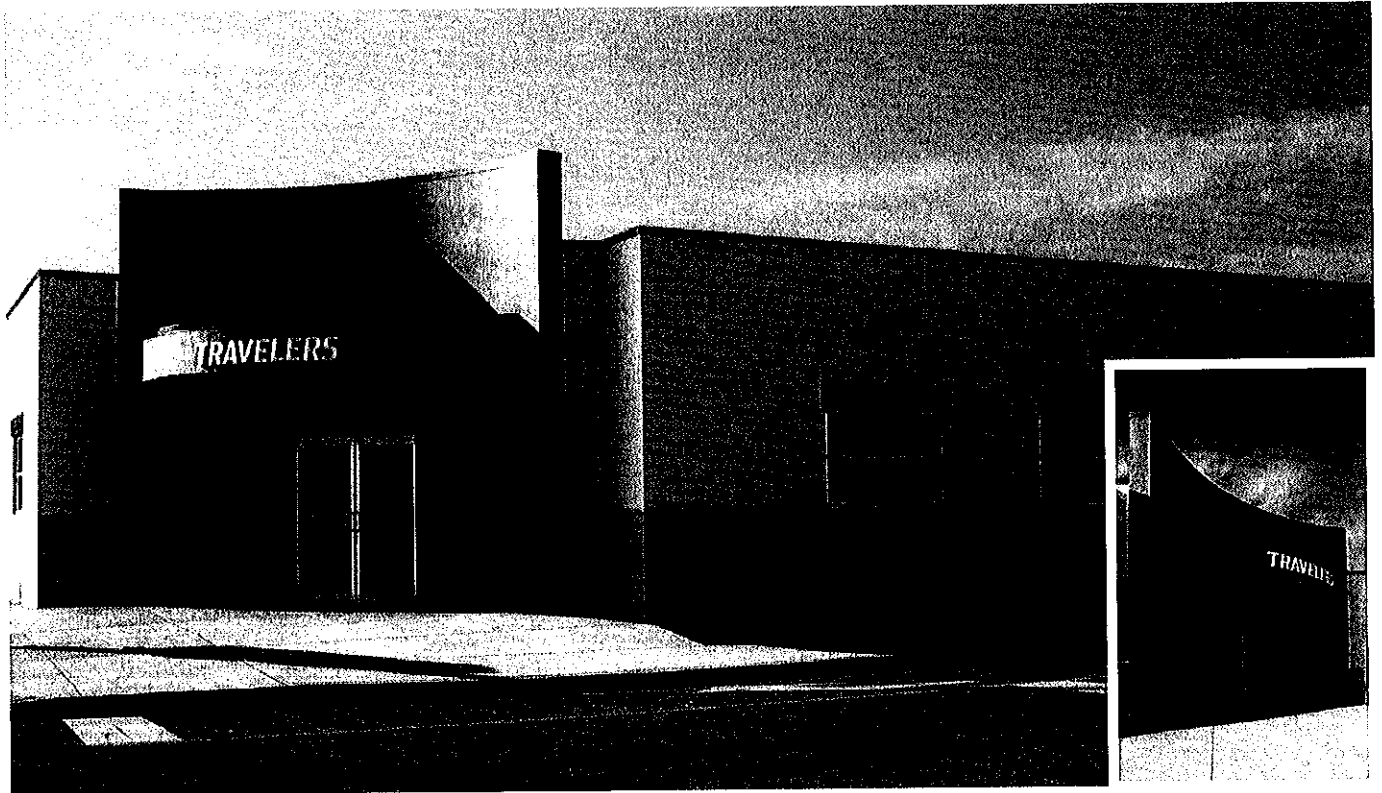
Year Occupied: 2001

Project Scope: Complete Renovation of Existing Building

Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects

Travelers Insurance Office Building

Charleston, West Virginia

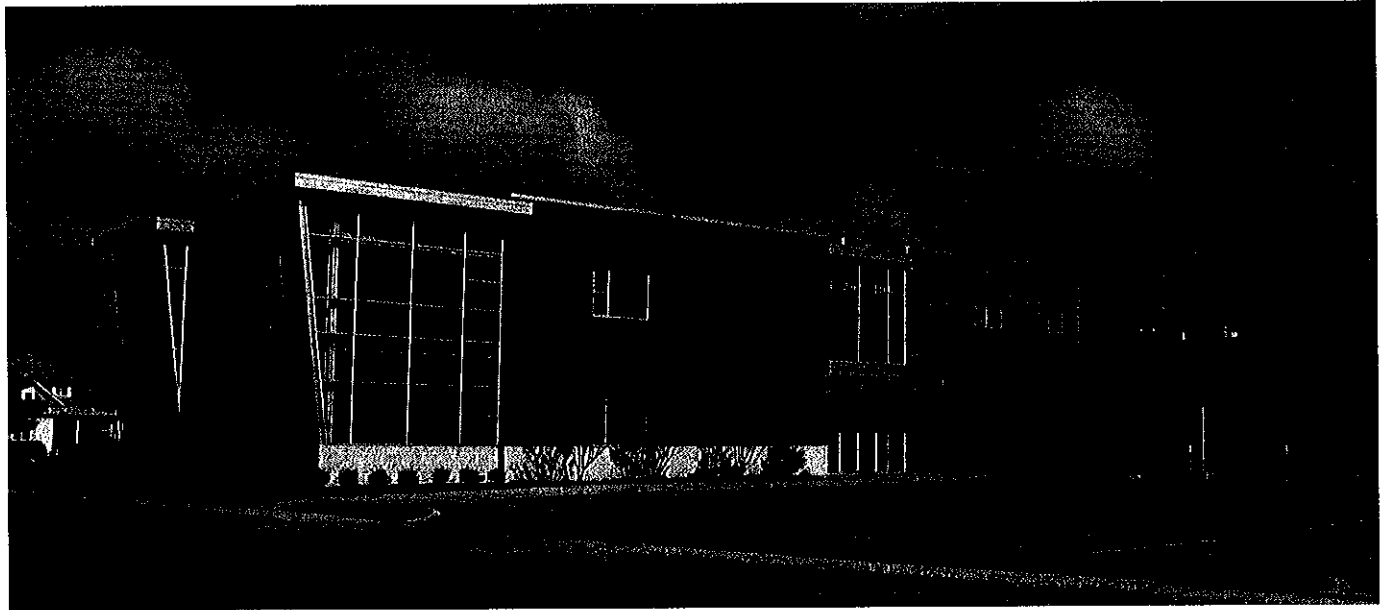


Owner: First Bank of Charleston

Project Team: Williamson Shriver Architects
Responsible Partner: Gregory A. Williamson, AIA, LEED AP
Project Manager: George Kayurapun
Structural Design: Donald W. Beyer, PE

Project Data:
Square Footage: 9,800
Year Occupied: 2008
Project Scope: New Construction

Agsten Construction Office Building Charleston, West Virginia

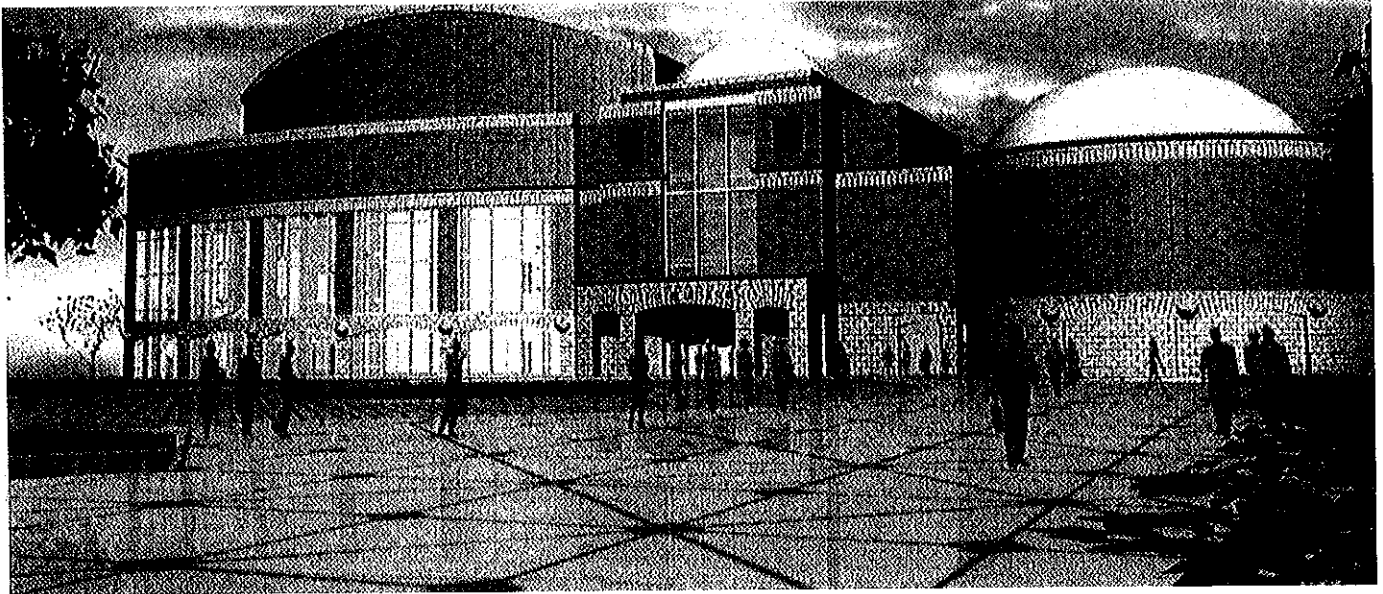


Owner: Agsten Construction

Project Team: Williamson Shriver Architects
Responsible Partner: Gregory A. Williamson, AIA, LEED AP
Project Manager: Micah Whitlow

Project Data:
Square Footage: 13,800
Year Occupied: 2006
Project Scope: New Construction

Clay Center for the Arts and Sciences Charleston, West Virginia



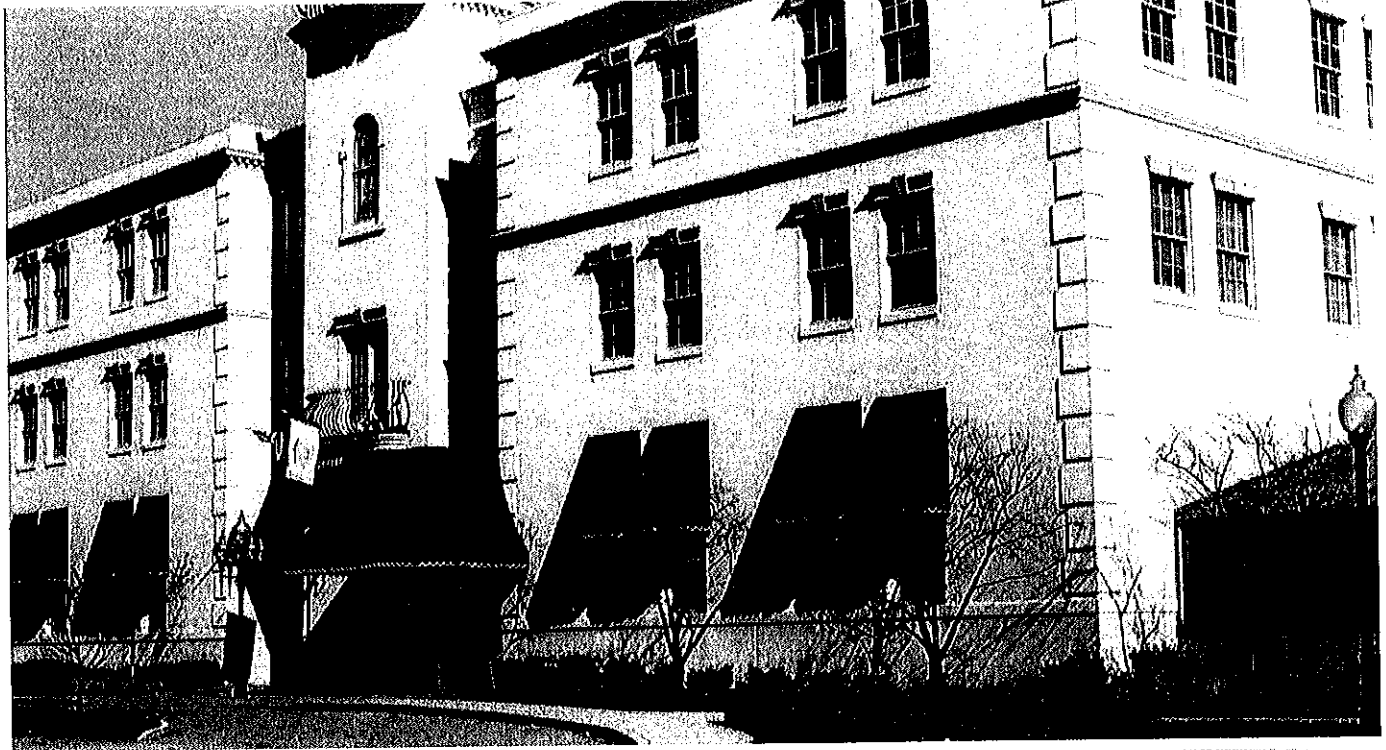
Owner: The Clay Foundation

Architect: Kise Straw and Kolodner, Philadelphia, Pennsylvania
Consult. Architect: Williamson Shriver Architects
Responsible Partner: Gregory A. Williamson, AIA, LEED AP

Project Data:
Square Footage: 210,000
Project Cost: 61 Million
Year Occupied: 2001
Funding Source: Public and Private
Project Scope: New Construction

Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects

Cagney's Restaurant and Office Building Charleston, West Virginia



Owner: Cagney Development Corporation

Project Team: Williamson Shriver Architects
Responsible Partner: Ted A. Shriver, AIA, LEED AP

Project Data:
Project Cost: \$1.5 Million
Year Occupied: 1990
Project Scope: New Construction

Teays Corporate Centre Office Building

Scott Depot, West Virginia



Owner: GDY L.L.C.
Gary D. Young, President

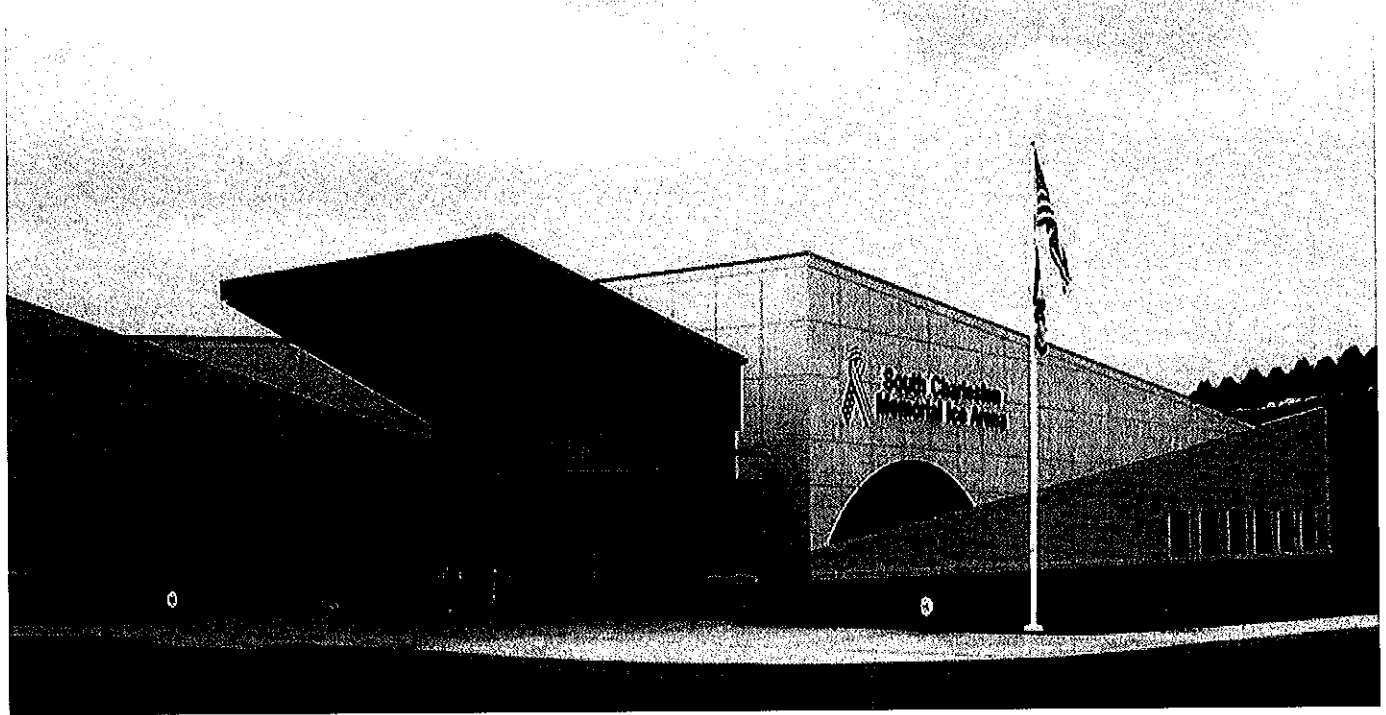
Project Team: Williamson Shriver Architects
Responsible Partner: Gregory A. Williamson, AIA, LEED AP
Structural Design: Donald W. Beyer, PE, PE

Project Data:
Square Footage: 42,300
Project Cost: \$4 Million
Year Occupied: 1998
Project Scope: New Construction

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South Charleston Memorial Ice Arena

South Charleston, West Virginia



Owner: The City of South Charleston
The Honorable Richie Robb, Former Mayor

Project Team: Williamson Shriver Architects
Responsible Partner: Ted. A. Shriver, AIA, LEED AP
Project Manager: Dana K. Scarberry
Structural Design: Donald W. Beyer
Const. Admin. Steve W. Gibson

Project Data:
Square Footage: 39,826
Project Cost: 3.2 Million
Year Occupied: 2001
Funding Source: Local
Project Scope: New Construction

South Charleston Fire Station

South Charleston, West Virginia



Owner: City of South Charleston

Project Team: Williamson Shriver Architects
Responsible Partner: Ted. A. Shriver, AIA, LEED AP
Project Manager: Dana Scarberry

Project Data:
Square Footage: 5,760
Year Occupied: 2008
Project Scope: New Construction

Regional Intergovernmental Council Office Building

South Charleston, West Virginia



Owner: South Charleston Area Development Corporation
Steve Weir, Executive Director

Project Team: Williamson Shriver Architects
Responsible Partner: Ted. A. Shriver, AIA, LEED AP

Project Data:
Square Footage: 4,208
Project Cost: \$0.5 Million
Year Occupied: 1999
Project Scope: New Construction

Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects

South Charleston Area Development Corporation South Charleston, West Virginia



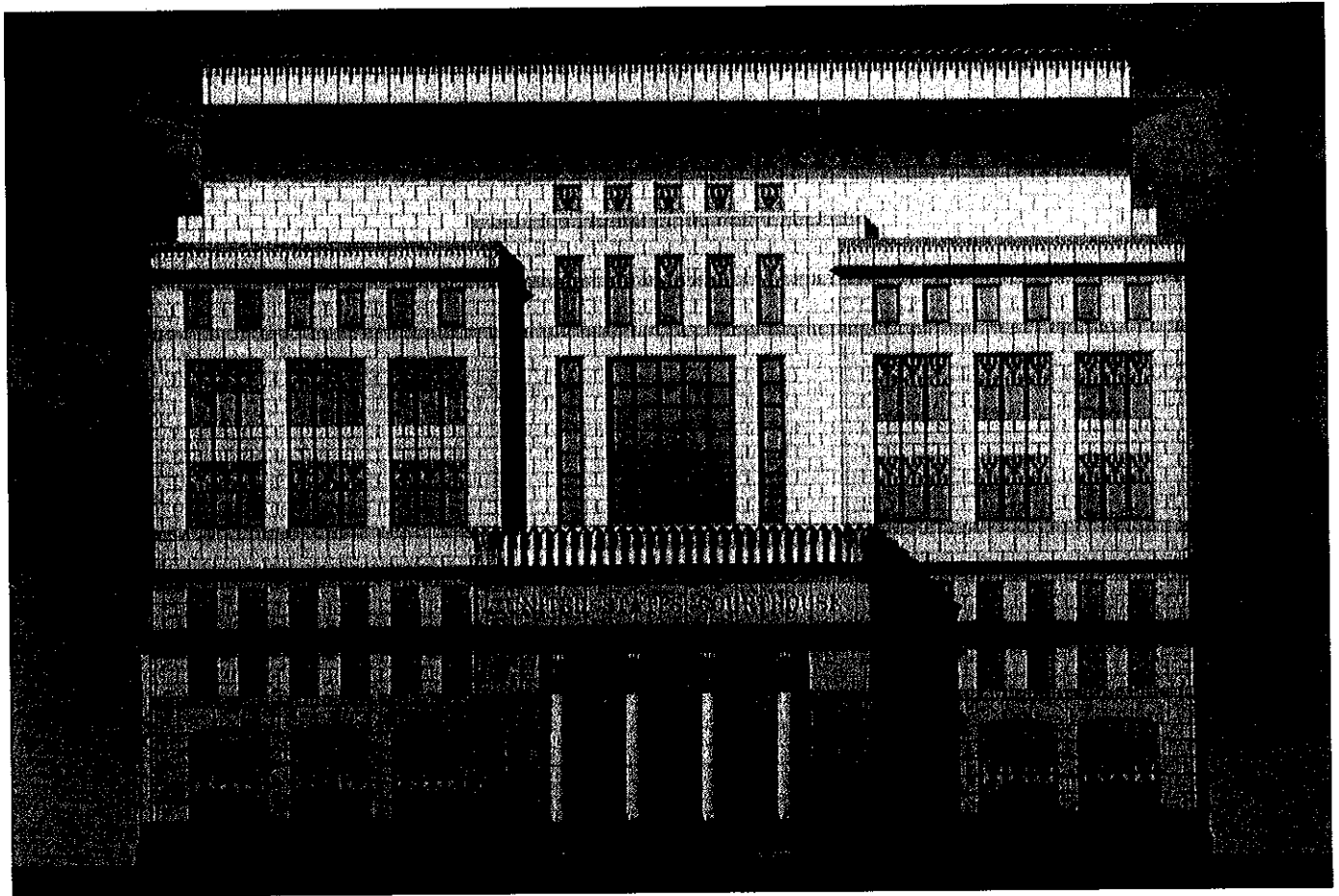
Owner: South Charleston Area Development Corporation
Steve Weir, Executive Director

Project Team: Williamson Shriver Architects
Responsible Partner: Ted. A. Shriver, AIA, LEED AP

Project Data:
Square Footage: 3,245
Project Cost: \$0.5 Million
Year Occupied: 1999
Project Scope: New Construction

United States Federal Courthouse

Charleston, West Virginia



Owner: General Services Administration

Architect: Skidmore Owings and Merrill, New York, New York

Consult. Architect: Williamson Shriver Architects

Responsible Partner: Gregory A. Williamson, AIA, LEED AP

Project Manager: Dana K. Scarberry

Project Data:

Square Footage: 300,000

Project Cost: 75 Million

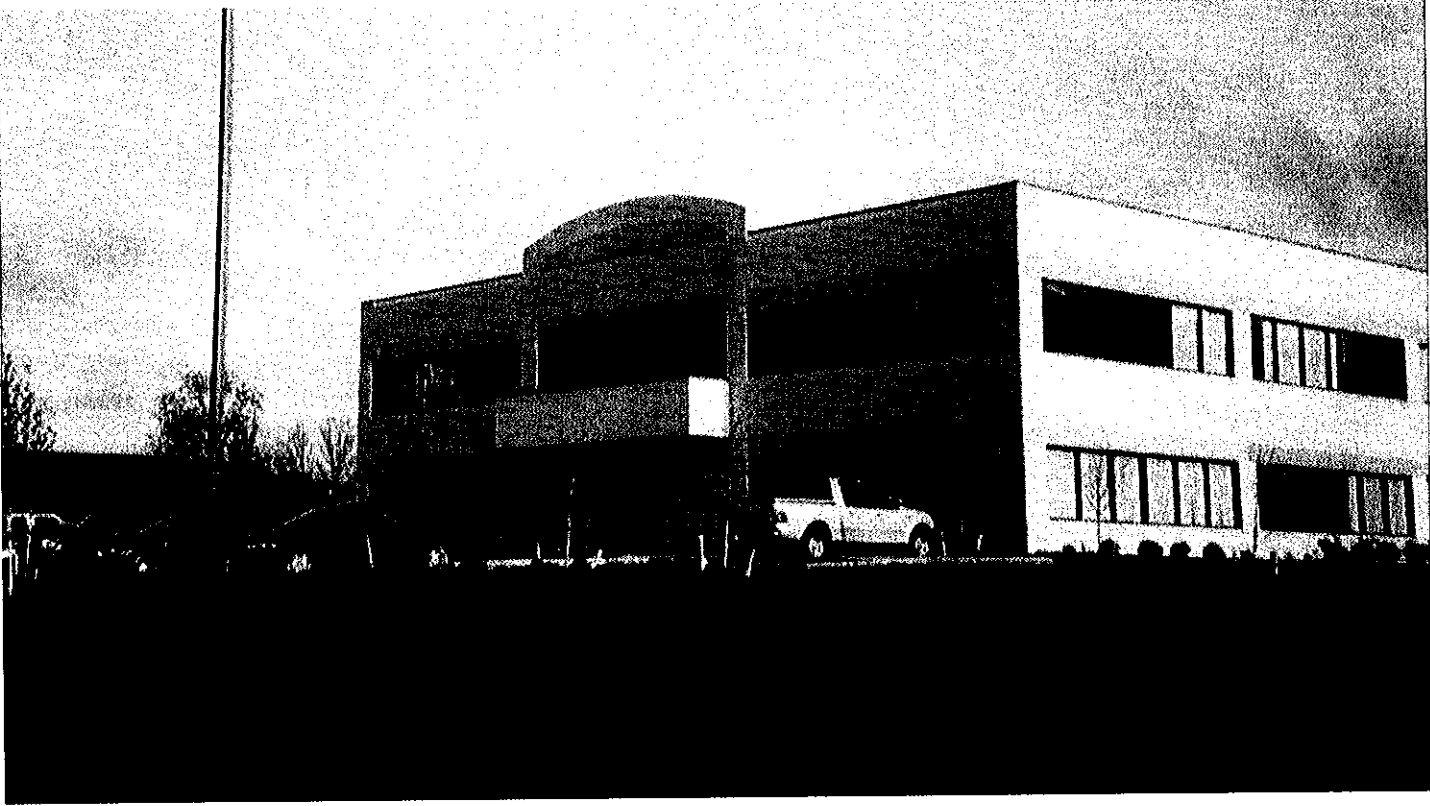
Year Occupied: 1997

Funding Source: Federal

Project Scope: New Construction

Charter Communications Office Building

Scott Depot, West Virginia



Owner: Charter Communications

Project Team: Williamson Shriver Architects

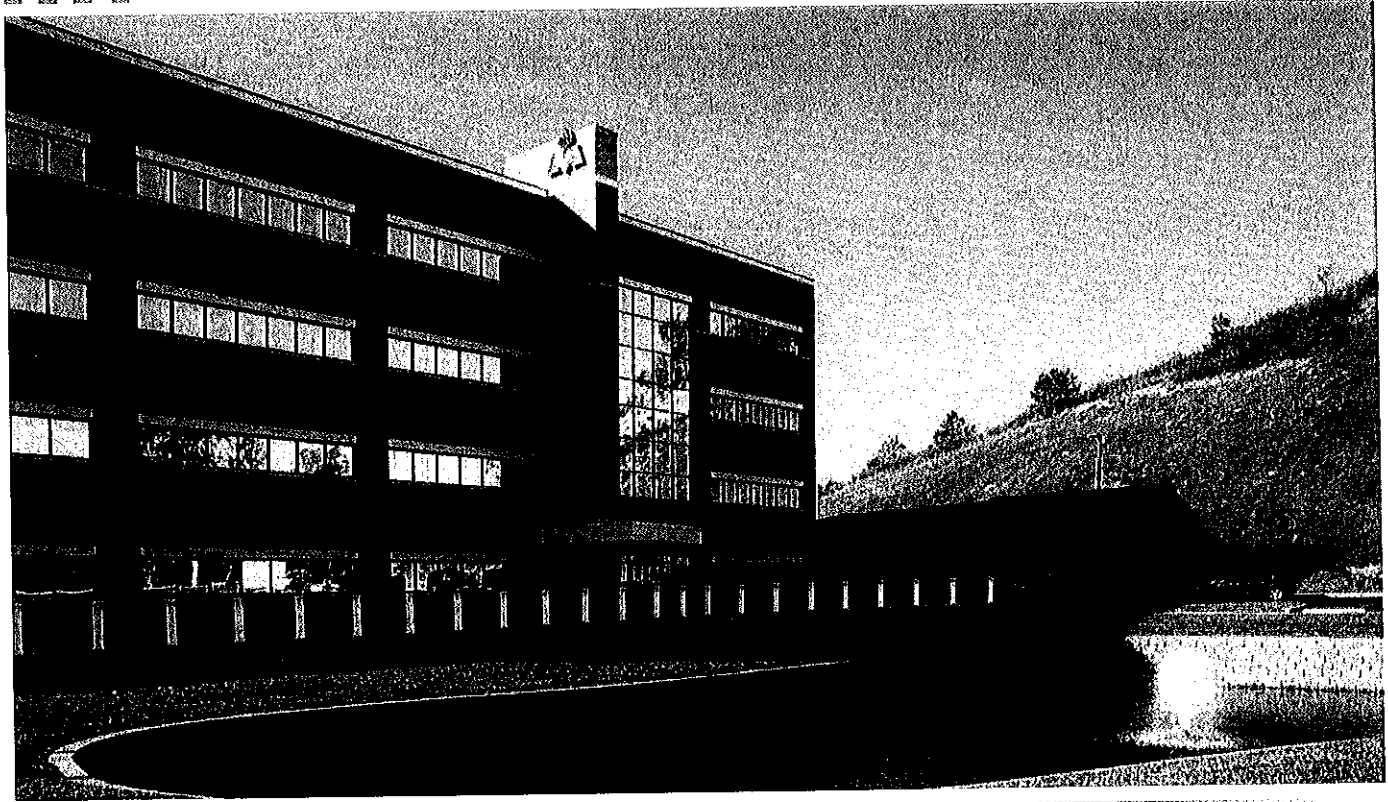
Project Data:

Square Footage:	24,300
Year Occupied:	2000
Project Scope:	New Construction

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Massey Coal Services Office Building

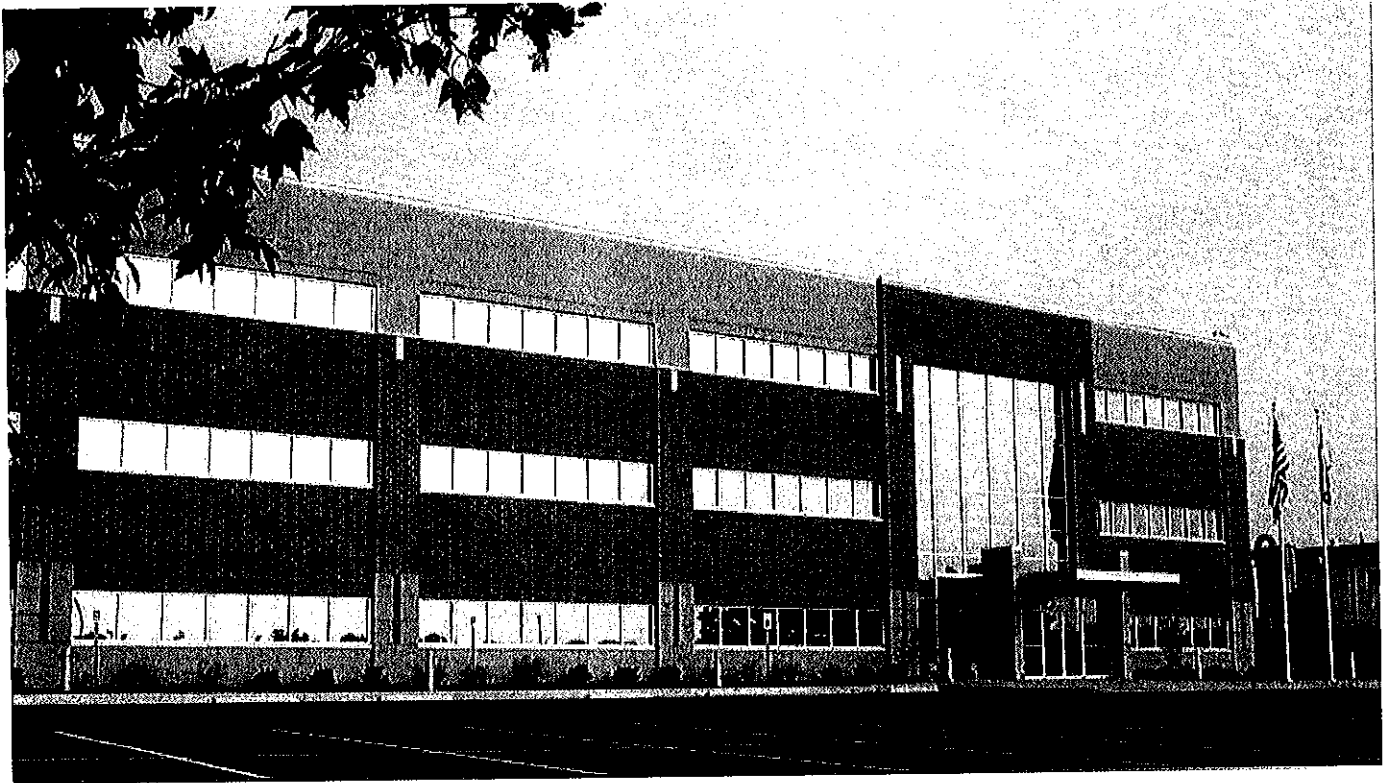
West Virginia



Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects

Owner:	Massey Coal Services
Project Team:	Williamson Shriver Architects
Responsible Partner:	Gregory A. Williamson, AIA, LEED AP
Project Manager:	Eddie Bumpus, AIA, LEED AP
Structural Design:	Donald W. Beyer, PE
Project Data:	
Square Footage:	70,000
Project Cost:	\$13.6 Million
Year Occupied:	2008
Project Scope:	New Construction

Corporate Headquarters for International Coal Group Scott Depot, West Virginia



Owner: ICG - International Coal Group

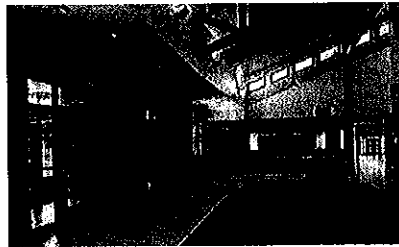
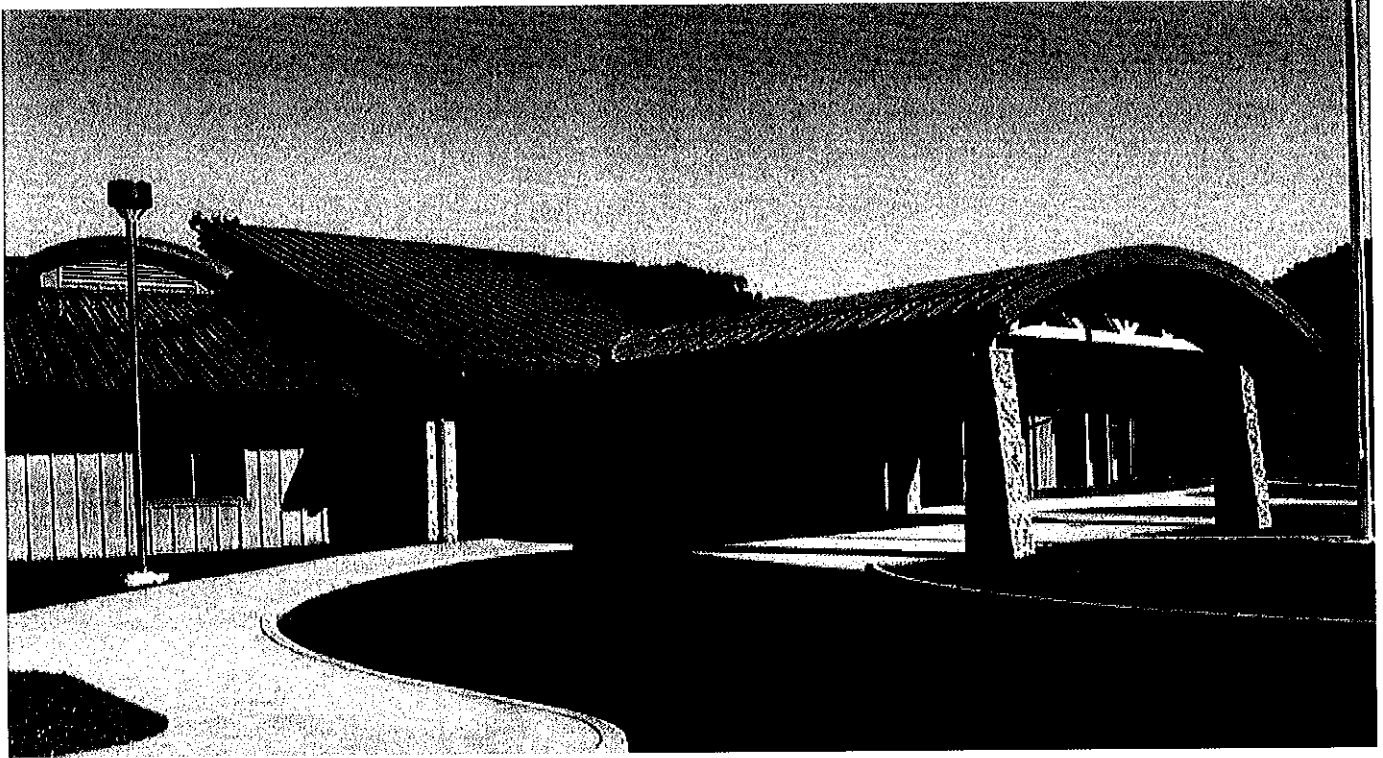
Project Team: Williamson Shriver Architects
Responsible Partner: Gregory A. Williamson, AIA, LEED AP
Project Manager: Eddie Bumpus, AIA
Structural Design: Donald W. Beyer, PE

Project Data:
Square Footage: 52,000
Year Occupied: 2006
Project Scope: New Construction

Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects

Earl Ray Tomblin Convention Center

Chick Logan State Park
Logan, West Virginia



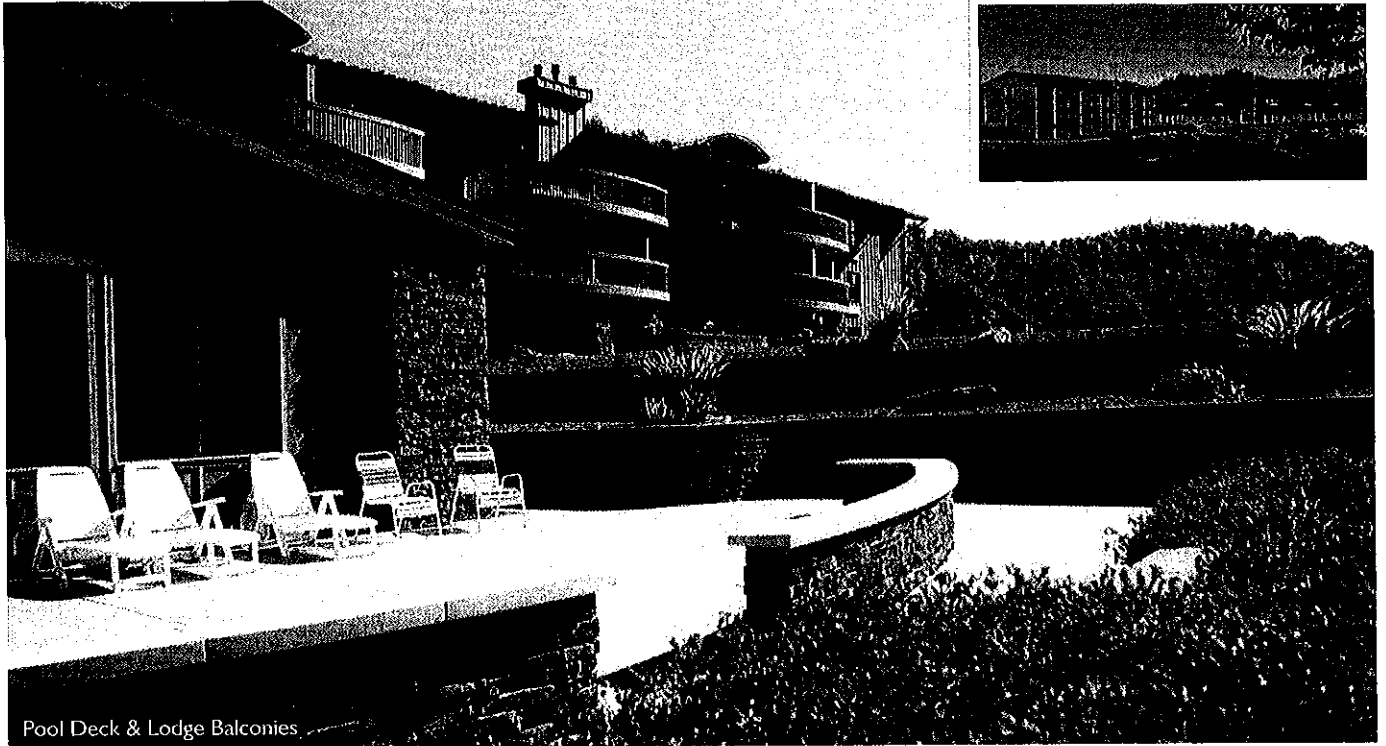
Owner: WV Division of Natural Resources
Parks and Recreation - PEM Section

Project Team: Williamson Shriver Architects
Responsible Partner: Ted. A. Shriver, AIA, LEED AP
Project Manager: Michael L. Spencer
Structural Design: Donald W. Beyer
Const. Admin. Steve W. Gibson

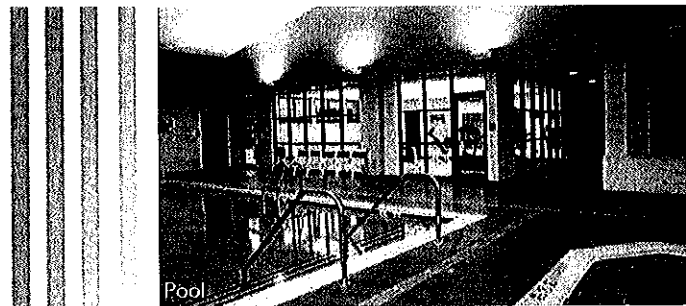
Project Data:
Square Footage: 28,000
Project Cost: 4.5 Million
Year Occupied: 2001
Project Scope: New Construction

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Earl Ray Tomblin Convention Center Lodge Chief Logan State Park Logan, West Virginia



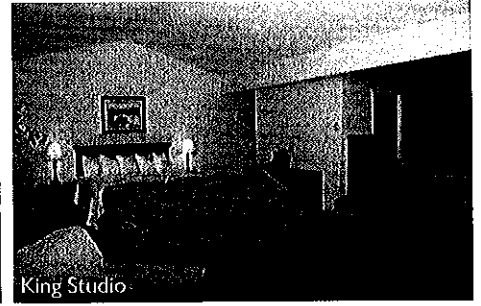
Pool Deck & Lodge Balconies



Pool



Lobby



King Studio

Owner: WV Division of Natural Resources
Parks and Recreation - PEM Section

Project Team: Williamson Shriver Architects
Responsible Partner: Ted. A. Shriver, AIA, LEED AP
Project Manager: Michael L. Spencer
Structural Design: Donald W. Beyer
Const. Admin. Steve W. Gibson

Project Data:
Square Footage: 50,000
Project Cost: \$6 Million
Year Occupied: 2006
Project Scope: Addition

Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects

South Charleston City Hall

South Charleston, West Virginia



Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects

Owner: The City of South Charleston
The Honorable Richie Robb, Mayor

Project Team: Williamson Shriver Architects
Responsible Partner: Ted. A. Shriver, AIA, LEED AP
Project Manager: Dana K. Scarberry
Structural Design: Donald W. Beyer
Const. Admin. Steve W. Gibson

Project Data:
Project Scope: Masonry Restoration & ADA Renovations and Additions
Year Occupied: 2000
Project Scope: Addition & Renovation

Carpenter's Training Facility

South Charleston, West Virginia



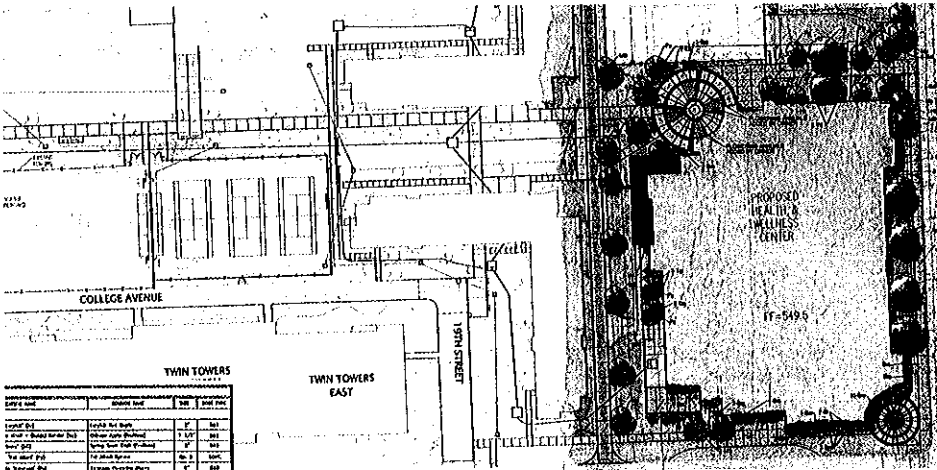
Owner: WV Contractor Association

Project Team: Williamson Shriver Architects
Responsible Partner: Ted. A. Shriver, AIA, LEED AP
Project Manager: Michael L. Spencer

Project Data:
Square Footage: 7,500
Year Occupied: 2002
Project Scope: New Construction

Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects Williamson Shriver Architects

Land Development

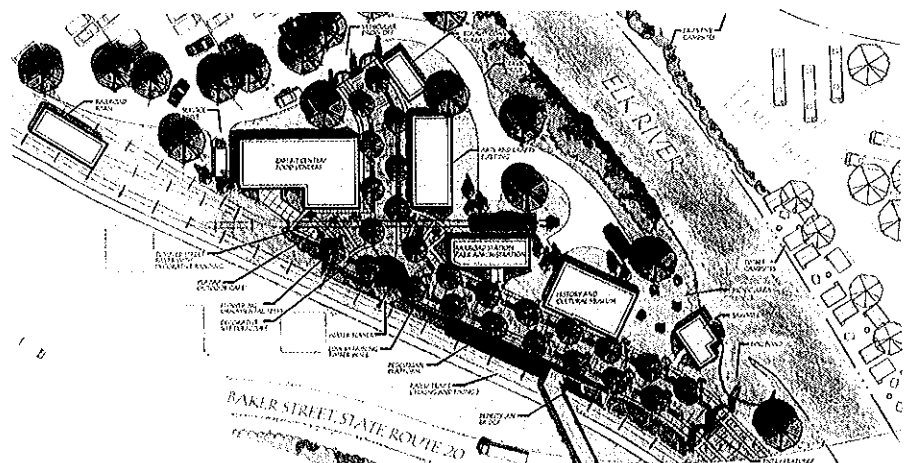


TERRADON is recognized as a leader in providing site design and land planning services. The firm's professional landscape architects work closely with the client from the project's initial phase, through schematic design, construction documents, and project delivery. Services provided include master planning, site feasibility studies, schematic design, layout plans, grading plans, storm-water management plans, erosion control plans, planting plans, presentation drawings/renderings, graphic design, and construction observation.

TERRADON is experienced in providing a wide variety of engineering, environmental, and surveying services required for your project. These related services enhance and integrate with Landscape Architecture. This provides TERRADON with the opportunity to provide clients across the region with the highest level of quality site design and landscape architecture available. The engineering and environmental services include identifying site constraints and conditions that could have an impact on the feasibility of a site.

Site design and land planning services are provided for a wide range of project types including:

- » Recreation facilities
- » Education institutions
- » Commercial Developments
- » Government entities
- » Residential Development
- » Environmental elements
- » Medical facilities
- » Riverfront enhancement
- » Greenway/greenspace projects
- » Vehicular/Pedestrian circulation and storage facilities



EXPERT PERSONNEL

Greg Fox, ASLA, LEED
Department Head
Land Development

TERRADON's Land Development Services are managed by Gregory D. Fox, ASLA, LEED. Mr. Fox, a native of West Virginia, has been responsible for a number of notable recreation, commercial, and educational site development projects since joining TERRADON in February of 2000.

His group earned a 2002 Engineering Excellence Award from the West Virginia Association of Consulting Engineers and a 2002 Merit Award from the American Society of Landscape Architects for the City of Fairmont Riverfront Master Plan project. Most recently, the 2005 Gold Award from the American Council of Engineering Companies and a 2005 Honor Award from the American Society of Landscape Architects was presented to the firm for the site design of the new West Virginia Division of Environmental Protection Headquarters Building.

Surveying and Mapping



KEY PERSONNEL

Robert Thaw

Professional Surveyor
Department Head – Survey

Robert Thaw is Department Head for TERRADON's survey operations. Thaw organizes and supervises survey crews; designs commercial sites for drainage, building site locations, parking and utility easements; reviews project plans; and creates base mapping.

Thaw specializes in control surveys (conventional and GPS, topographical surveys, waste management facilities, boundary surveys, site design, gas well locations and permitting, and construction stakeout.

With nearly 25 years of surveying experience, Thaw brings a wealth of knowledge to TERRADON projects and provides solid results to clients.

TERRADON has an experienced staff of professional surveyors who provide mapping, construction layout, ALTA surveys, topographic surveys, and boundary surveys.

TERRADON is equipped with the newest surveying instruments, ensuring the highest standards of efficiency and accuracy. Fully equipped data collection stations are utilized for complete field-to-office automation, resulting in high productivity levels. The latest software is then used to process the data and achieve the desired end product/results.

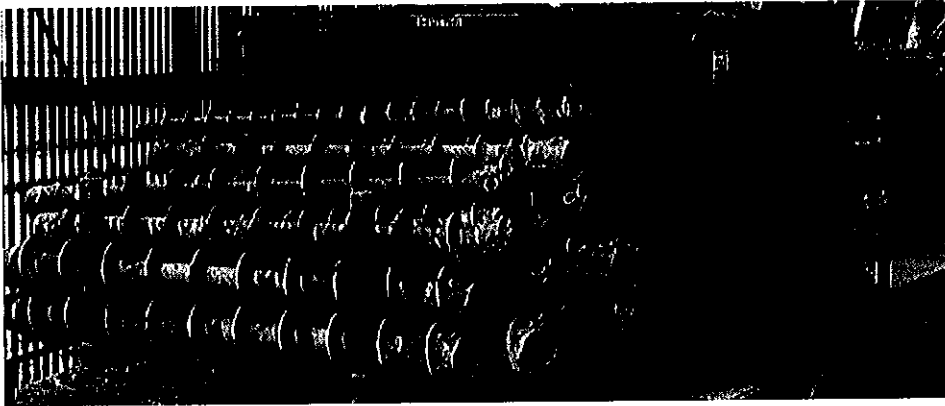
Small mapping projects are completed in-house, following the aforementioned process. Large projects are more economically mapped by aerial mapping with TERRADON providing the necessary control surveying. As a quality control measure, mapping is field checked for accuracy. Mapping information is then received in digital format for direct input into the CAD system.

TERRADON also offers Global Positioning System (GPS) services. Data acquisition is accomplished by visiting the point and recording its attributes for inclusion in a geographic information system or database. Labor costs are significantly reduced by a one-person operation. The more remote or geographically diverse your needs are, the greater the savings using TERRADON'S GPS services.

"Working with the TERRADON staff is an exceptional experience. They always respond to our needs with urgency and professionalism. Not only do they provide outstanding design engineering services, they continue to support us through construction right up to placing the infrastructure in service. The answer to every question posed to their engineers is 'yes sir, we can do that... how soon do you need it?'"

Jimmy Wriston, P.E.
Regional Design Engineer
West Virginia Division of Highways, Engineering Division
Charleston, WV

Geotechnical Engineering



TERRADON has provided geotechnical investigations associated with earthen dams, mining, waste disposal, construction of new buildings, and environmental remediation. Our geotechnical engineers have many years of experience working in the difficult soil and groundwater conditions found in the Appalachian region of the United States. We have the capability to perform both the subsurface investigation and the geotechnical design described below:

- » Drilling
- » Test pit excavations
- » Soil and rock logging, sampling, and testing
- » Monitoring well and piezometer installation
- » Foundation design
- » Earthen dams
- » Landslide analysis and remedial design
- » Retaining structure design
- » Municipal and industrial landfills
- » Stability analysis
- » Flexible and rigid pavement design
- » Soil nailing

EXPERT PERSONNEL

John James
Department Head
Geotechnical

Mr. James is a Senior engineer for various geotechnical, environmental, and mining projects. Mr. James specializes in innovative and cost saving concepts for his projects. Typical projects include numerous foundation investigations, studies and designs for landfills and environmental facilities, surface and ground water studies and remediation, foundation investigations and designs ranging in size from houses to major industrial complexes, roads, highways and bridges, earth and rockfill dams, storm drainage facilities, airport facilities, landslide analysis and correction, and forensic engineering.

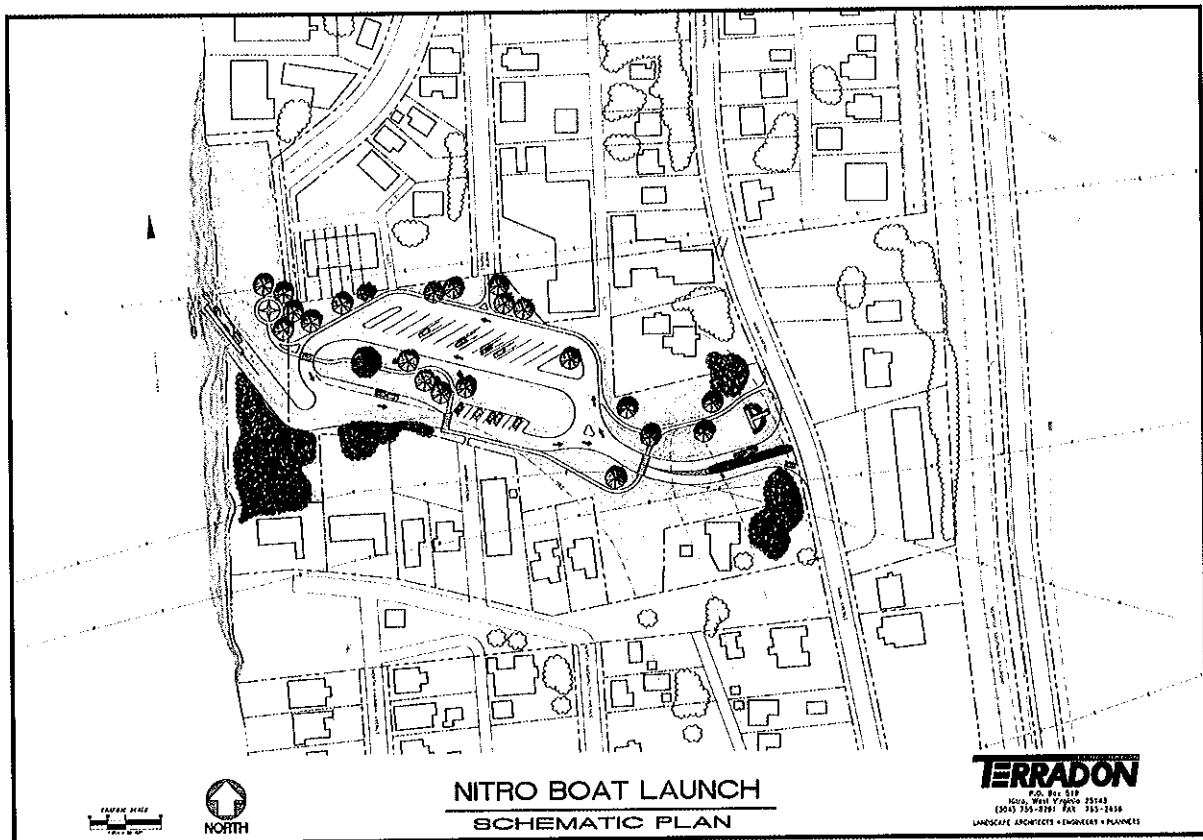
Project Experience

Nitro Boat Launch

Client: City of Nitro, WV

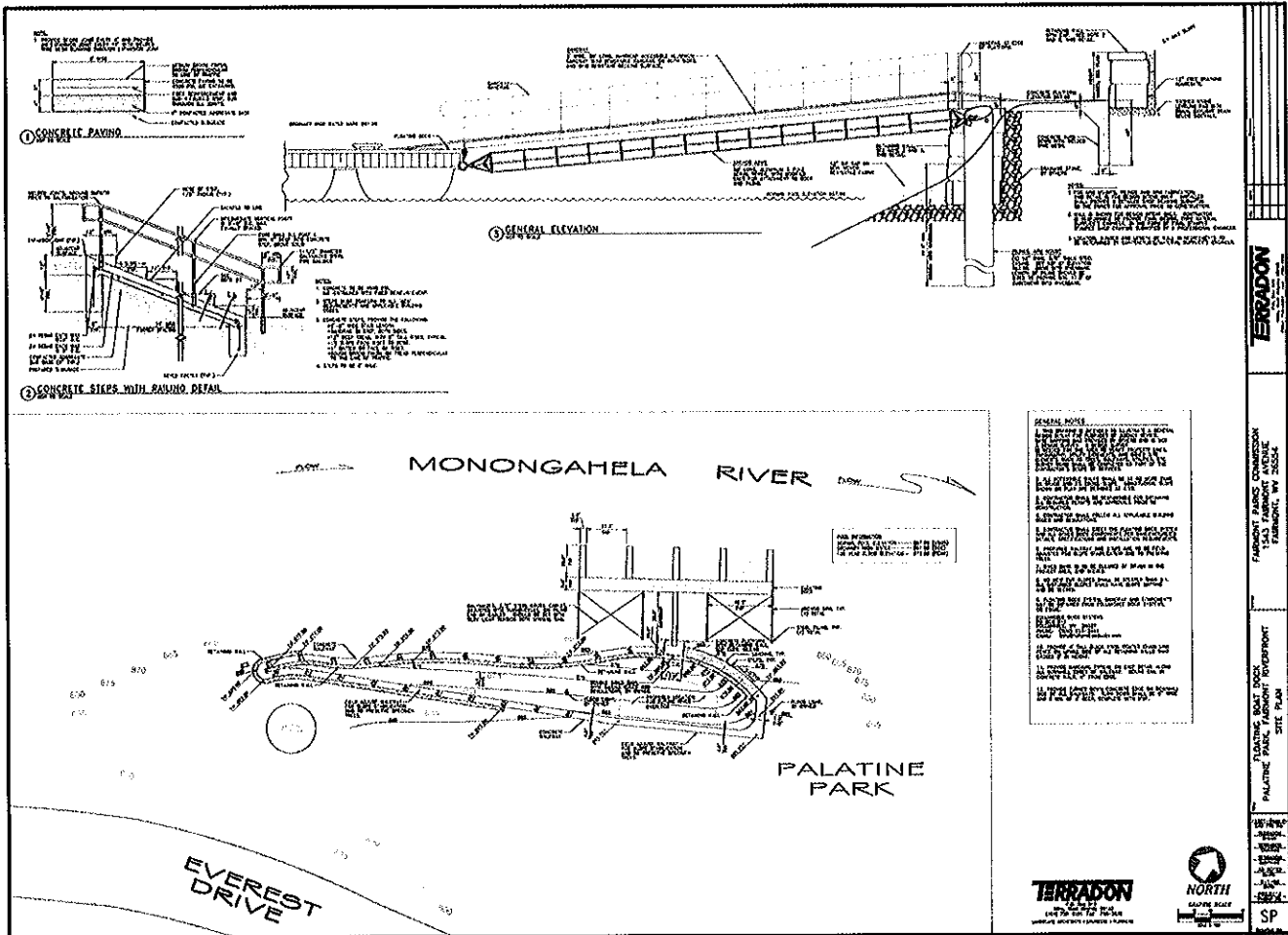
TERRADON Corporation provided Conceptual Master Planning services to the City of Nitro, WV for the design of a boat launch ramp, parking and landscape architecture.

TERRADON provided a the conceptual design to benefit the city aesthetically, and functionally—providing much needed river access to town residents and visitors. The plan provided for ample access for vehicles and boat trailers to maneuver easily for boat drop off and parking.



Project Experience

Project: Palentine Boat Dock
 Client: Fairmont Park Commission
 Client Role: Owner
 Location: Fairmont, WV

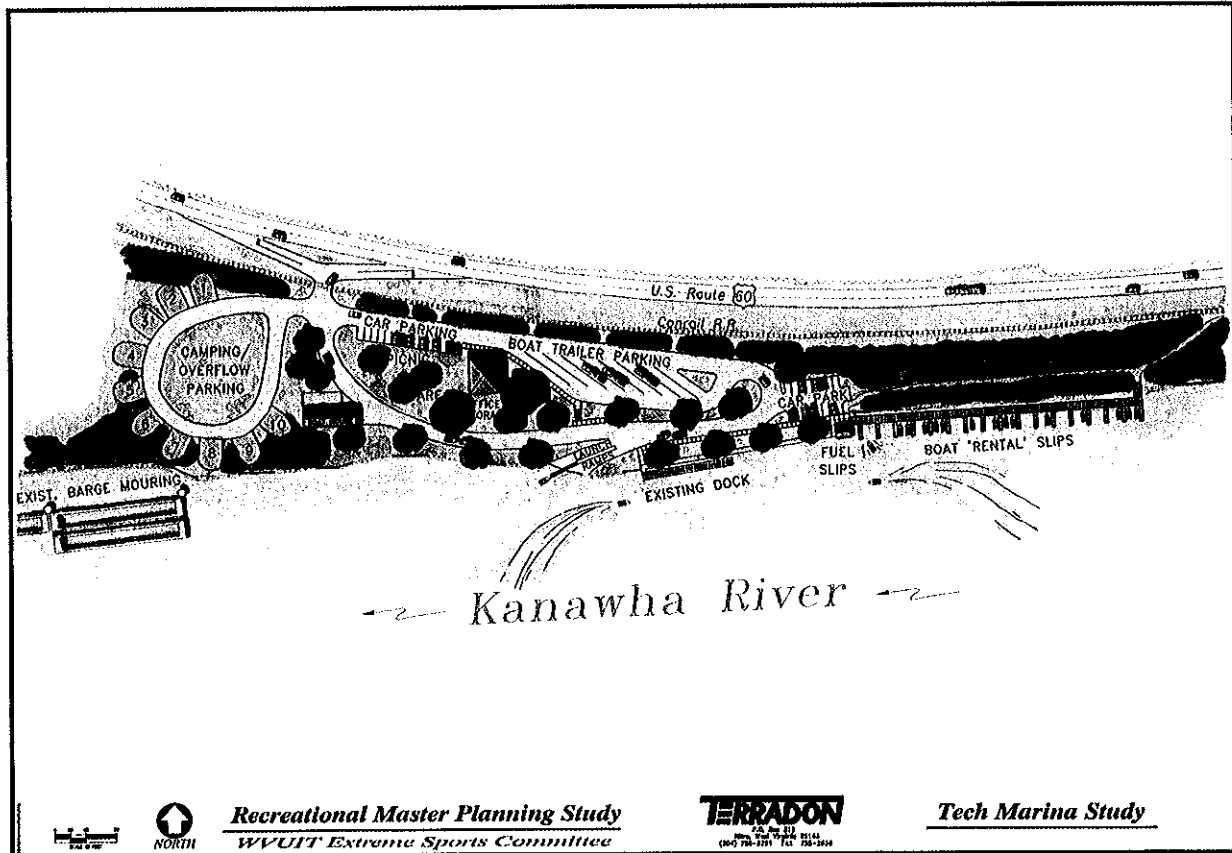


TERRADON Corporation provided master planning and design services for the Palentine Boat Dock in Fairmont, WV.

The project included conceptual drawings, survey, master planning, site/civil design, landscape and hardscape architecture. The project was funded, constructed and is in use today.

Project Experience

Project: WVU Technical Institute Marina Study
Client: WVU Technical Institute
Client Role: Owner
Location: Montgomery, WV



TERRADON Corporation provided a master planning study and design services for the WVU Technical Institute Marina in Montgomery, WV

The project included conceptual drawings, master planning, landscape and hardscape architecture planning. The design took advantage of the schools proximity to the river accounted for site elevation changes to accommodate vehicles and trailers, as well as additional recreational activities.

Key Personnel

Greg Fox, ASLA, LEED

Department Head—Land Development



TERRADON'S Landscape Architect services are managed by Gregory D. Fox, ASLA, LEED. Mr. Fox, a native of West Virginia and a graduate of West Virginia University with a Bachelor of Science in Landscape Architecture and a Bachelor of Arts in Geography (Planning) has gained a wide range of experience with a variety of project

Education

- » B.S. Landscape Architecture, West Virginia University
- » B.A. Geography (Planning) West Virginia University

Work Experience

- » 2000 - Present
TERRADON Corporation
- » 1996-2000
Martin Boal Anthony & Johnson Architects
- » 1993-1996
Site Design
- » 1989-1993
E.G. & G. Inc., OH
- » 1988-1989
PSC Engineers, PA

Certifications

- » Landscape Architect: West Virginia, Ohio, North Carolina, South Carolina, Pennsylvania, Virginia

Project Experience

Mr. Fox has been responsible for a number of notable recreation, commercial and educational site development projects since joining TERRADON in February of 2000. His group earned a 2001 Engineering Excellence Award from the West Virginia Association of Consulting Engineers for the master planning of an extreme sports park at WVUIT in Montgomery.

They also earned a 2002 Engineering Excellence Award from the West Virginia Association of Consulting Engineers and a 2002 Merit Award from the American Society of Landscape Architects for the City of Fairmont Riverfront Master plan project. Most recently, the 2005 Gold Award from the American Council of Engineering Companies was presented to the firm for the site design of the new West Virginia Division of Environmental Protection Headquarters Building.

Other notable projects include the Marshall University Parking Garage, the West Virginia Public Service Commission Parking Facility, the Home Depot development at Southridge Center, and over 25 new schools located throughout West Virginia.

Mr. Fox has managed over 30 West Virginia park and recreation projects since joining TERRADON in 2000.

Key Personnel

Robert Thaw, PS

Survey Manager



Mr. Thaw is Manager of Surveying Services for TERRADON. He organizes and supervises survey crews; designs commercial sites for drainage, building site locations, parking and utility easements; reviews project plans; and creates base mapping. Mr. Thaw has more than 22 years of experience in a wide range of land surveying applications. He is experienced with the day-to-day operation of the business and management of personnel.

Education

- » B.A., Survey Technology, 1981, West Virginia Institute of Technology
- » B.S., Surveying, 1985, West Virginia Institute of Technology

Work Experience

- » Terradon Corporation
1994-Present
- » Bowman Land Surveying
1992-1994
- » Dunn Engineers
1990-1992
- » Kelley, Gidley, Blair and Wolf
1988-1990
- » Pleison & Whitman Architects and Engineers
1984-1986

Registration

- » Professional Surveyor, West Virginia

Project Experience

- » Control Surveys - Conventional and G.P.S.
- » Topographic Surveys
 - o Commercial Sites under ALTA Standards
 - o Abandoned Mine Lands
- » Waste Management Facilities
- » Boundary Surveys
- » Right of Way Plans (Highways and Utilities)
- » Site Design (Commercial and Urban Developments)
- » Gas Well Locations and Permitting
- » Construction Stakeout
 - o Commercial Buildings
 - o Sanitary Sewer
 - o State and Federal Highways

Key Personnel

John W. James, P.E.

Senior Geotechnical Engineer



Senior engineer for various geotechnical, environmental, and mining projects. Prior to joining TERRADON in 2004, Mr. James was the proprietor of JAMES ENGINEERING, a one man consulting engineering company with projects in geotechnical, hydrological, environmental, foundation, structural and general civil engineering, as well as forensic engineering. Mr. James specializes in innovative and cost saving concepts for his projects. Typical projects include numerous foundation investigations, studies and designs for landfills and environmental facilities, surface and ground water studies and remediation, foundation investigations and designs ranging in size from houses to major industrial complexes, roads, highways and bridges, earth and rock fill dams, storm drainage facilities, airport facilities, landslide analysis and correction, and forensic engineering.

Education

- » B. S. Civil Engineering, 1968, West Virginia Institute of Technology
- » 30 Post-Graduate Hours in Civil and Environmental Engineering

Work Experience

- » 1997 – Present
TERRADON Corporation
- » 1990 – 1997
Kelley, Gidley, Blair, and Wolfe
- » 1982 – 1989
Dunn Engineers
- » 1979 – 1982
West Virginia Department of Highways

Registration

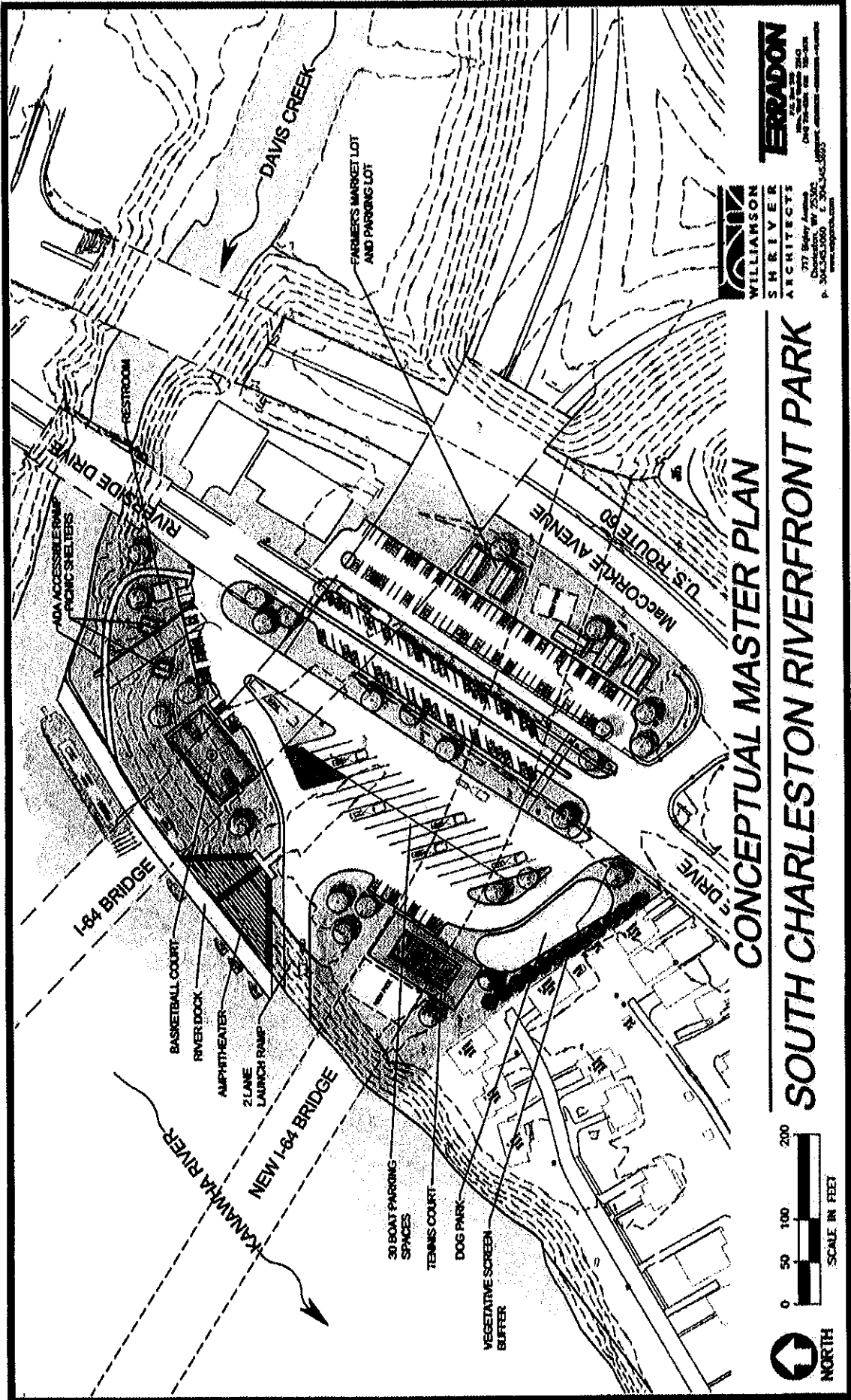
- » Professional Engineer: West Virginia

Affiliation

- » American Society of Civil Engineers
- » Past President of Charleston Branch and West Virginia Section
- » National and West Virginia Society of Professional Engineers

Project Experience

- » Geotechnical investigation and design of numerous water and wastewater treatment plants, including Charleston Wastewater Treatment Plant, North Beckley Wastewater Treatment Plant, Buckhannon Water & Wastewater Treatment Plant, Elkins Water & Wastewater Treatment Plant, Berkley Spring Water Treatment Plant, Morgantown Wastewater Treatment Plant, Elk Pinch Wastewater Treatment Plant, Parkersburg Wastewater Treatment Plant, St. Albans Water Treatment Plant.
- » Design and upgrade of water supply dams including Upper & Lower Dog Run water supply dams, Salem, West Virginia; Key Dam, Bluefield, West Virginia; Chatham Lake Dam (irrigation supply), Shady Springs, West Virginia. Involvement with geotechnical aspects included interaction with process and structural aspects and structural design of many components.



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 777 Bailey Avenue
 Charleston, WV 25302
 P. 304.342.1000 F. 304.342.1005
 www.erradon.com

CONCEPTUAL MASTER PLAN SOUTH CHARLESTON RIVERFRONT PARK



references

This page contains a list of references for your information. Please feel free to contact any of the following at your convenience:

Mr. O. Eugene "Gene" Kitts

Sr. V. P. - Mining Services
International Coal Group
Scott Depot, WV
Office: 304-760-2400

Mr. Ken Brown, P. E.

Director, Surface Mining
Massey Coal Services
Julian, WV
Office: 304-369-8500

Dr. Mark Manchin

Former Superintendent
(McDowell & Webster
County Schools)
Current Contact Information:
Executive Director
School Building Authority of WV
Charleston, WV
Office: 304-558-2641

Senate President Earl Ray Tomblin

State of West Virginia
P. O. Box 116
Chapmanville, WV
Office: 304-357-7801

Mr. Oshel Craigo, CEO

Better Foods, Inc.
209 First Avenue, South
Nitro, WV
Office: 304-722-3511
Home: 304-586-3017
Mobile: #2-304-550-2898

Mr. Richard A. Robb

Former Mayor
City of South Charleston
South Charleston, WV
Home: 304-744-8231

Honorable Mayor Mullens

City of South Charleston
South Charleston, WV
Office: 304-744-5301
Mobile: 304-389-1275

testimonials

The testimonials on this page are excerpts from letters received from clients and allied professionals. Complete copies of these letters are available upon request.

"This letter however is not to complain but to compliment your firm on a very neat, complete, and professional set of bidding documents. The coordination ... and the consistency of the specifications were excellent."

Thomas W. Karr
Wesam Construction Co.

in reference to the bid for the Armed Forces Reserve Center project in Huntington, WV on which they were an unsuccessful bidder.

"G & G Builders has worked for many years primarily on school construction with your firm and most recently selected your firm to design our new five-story highrise, Teays Corporate Centre..."

"Your performance in the design and construction management was nothing more than total professionalism ... this project went very smooth, and was completed on time and within budget."

Gary D. Young, President
G & G Builders

..This is one of the nicest rinks (South Charleston Memorial Ice Arena) you will find anywhere," Lakios siad. "The ice surface, the glass, the boards are top-notch. It's a triple-A rink."

Charleston Gazette
Dean Lakios is General Manager
West Virginia University Hockey Program

