



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
 DNR209057

PAGE
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF
 FRANK WHITTAKER
 304-558-2316

RFQ COPY
 TYPE NAME/ADDRESS HERE

Design Concepts

DIVISION OF NATURAL RESOURCES
 PARKS & RECREATION SECTION
 BUILDING 3, ROOM 719
 1900 KANAWHA BOULEVARD, EAST
 CHARLESTON, WV
 25305-0662 304-558-2775

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
11/06/2008				

BID OPENING DATE: 12/09/2008 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOF	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL EXPRESSION OF INTEREST THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES, IS SOLICITING EXPRESSIONS OF INTEREST FOR ARCHITECTURAL AND ENGINEERING SERVICES FOR LODGE EXPANSION AND PARK IMPROVEMENTS AT CACAPON RESORT STATE PARK LOCATED IN BERKELEY SPRINGS WV, PER THE ATTACHED SPECIFICATIONS. TECHNICAL QUESTIONS MUST BE SUBMITTED IN WRITING TO FRANK WHITTAKER IN THE WEST VIRGINIA PURCHASING DIVISION VIA FAX AT 304-558-4115 OR VIS EMAIL AT FRANK.M.WHITTAKER@WV.GOV. DEADLINE FOR ALL TECHNICAL QUESTIONS IS NOVEMBER 21, 2008 AT 3:00 PM. ALL TECHNICAL QUESTIONS RECEIVED, IF ANY WILL BE ANSWERED BY ADDENDUM AFTER THE DEADLINE. QUESTIONS CONCERNING THE PROCESS BY WHICH A VENDOR MAY SUBMIT AN EXPRESSION OF INTEREST TO THE STATE OF WEST VIRGINIA ARE NOT CONSIDERED TECHNICAL QUESTIONS AND MAY BE SUBMITTED AT ANY TIME PRIOR TO THE BID OPENING DATE AND TIME. EXHIBIT 10 ADDENDUM ACKNOWLEDGEMENT I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO						

RECEIVED
 2008 DEC -9 A 10:37
 PURCHASING DIVISION
 STATE OF WV

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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<p>CALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.</p> <p>REV. 1/2005</p> <p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: 44</p> <p>REQ. NO.: DNR209057</p> <p>BID OPENING DATE: 12/09/08</p> <p>BID OPENING TIME: 1:30 PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: (540) 722-7248</p> <p>PLEASE PRINT OR TYPE NAME OF PERSON TO CONTACT</p>						

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TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

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VENDOR

SHIP TO

DIVISION OF NATURAL RESOURCES
 PARKS & RECREATION SECTION
 BUILDING 3, ROOM 719
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 CHARLESTON, WV
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11/06/2008				

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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
CONCERNING THIS QUOTE:						

***** THIS IS THE END OF RFQ DNR209057 ***** TOTAL:						

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 BUILDING 3, ROOM 719
 1900 KANAWHA BOULEVARD, EAST
 CHARLESTON, WV
 25305-0662 304-558-2775

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
12/01/2008				

BID OPENING DATE: 12/09/2008 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
***** ADDENDUM NO. 1 *****						
THIS ADDENDUM IS ISSUED TO PROVIDE THE ATTACHED VENDOR TECHNICAL QUESTIONS, AND AGENCY RESPONSES.						
BID OPENING DATE AND TIME REMAIN: 12/09/08 AT 1:30 PM						
0001	1	LS		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL						
***** THIS IS THE END OF RFQ DNR209057 ***** TOTAL:						

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DESIGN CONCEPTS

December 9, 2008

Department of Administration
Purchasing Division
Building 15
2019 Washington Street, East
Charleston, West Virginia 25305-0130



RE: RF No. DNR209057

Dear Sir:

Design Concepts appreciates the opportunity to provide this **Expression of Interest** to the State of West Virginia for the Cacapon Resort State Park project. We are a Winchester-based architectural practice with extensive experience in a broad range of project types. Tim Machado, AIA, owner and President of **Design Concepts** is a licensed architect in West Virginia, Virginia and Maryland, as well as NCARB certified. A few of our recent projects include:

- Tuscan Ridge Lodge in Canaan Valley, West Virginia
- The Catholic Diocese of Arlington Spirituality Center in White Post, Virginia
- Harpers Ferry Streetscape Design
- Middletown, Virginia Visitor's Center
- Ranson Retail Buildings in Ranson, West Virginia
- St. Peters Rectory in Harpers Ferry, West Virginia
- New Life Community Church in Inwood, West Virginia
- City of Winchester Parking Garage
- FBI Office/Records Storage Facility in Frederick County, Virginia
- Grove's Harley-Davidson of Winchester
- Our Health Campus Office Complex in Winchester, Virginia
- Shenandoah University Parking Structure in Winchester, Virginia
- The Shockey Company Headquarters Renovation and Addition in Winchester, Virginia
- Daily Grind Coffee House in Winchester, Virginia
- Frederick County Animal Shelter in Frederick County, Virginia
- Winchester City Yard Salt Storage Facility, Vehicle Wash Bay and Sign and Signal Shop
- Stephens City Pavilion
- Habitat for Humanity

Design Concepts is a full-service, design-oriented, architecture practice located in the heart of historic downtown Winchester, Virginia. The cornerstone of the success of **Design Concepts** is



architecture design concepts, pc

19 West Cork Street, Suite 200, Winchester, VA 22601
Phone: (540) 722-7247; Fax: (540) 722-7248

architect@1designconcepts.com

DESIGN CONCEPTS

the ability to address the functional needs of the client while still remaining within reasonable project costs and budget parameters. The firm has also established an impeccable track record of well-thought-out designs combined with timely construction document delivery.

Our Client List includes:

- The County of Frederick
- The City of Winchester
- Harpers Ferry Historic Town Foundation
- Middletown Cedar Creek Battlefield Foundation
- Town of Stephens City
- The FBI
- The Catholic Diocese of Arlington
- Shenandoah University
- Valley Health Systems - Winchester Medical Center
- The Shockey Companies

Just to name a few.

Our ability to perform is based on effective communication, asking intelligent questions, listening to the answers, and designing accordingly.

Design Concepts has a staff of architects, project designers, CAD drafters, and interior designers to meet the needs and challenges of today's market. **Design Concepts** presents a combination of independent civil, structural, mechanical, and electrical engineering as well as landscape architecture firms experienced with the planning and construction procedures involved in working with state and local governments. As unique project concerns arise, specialty designers and consultants are utilized. Our team includes:

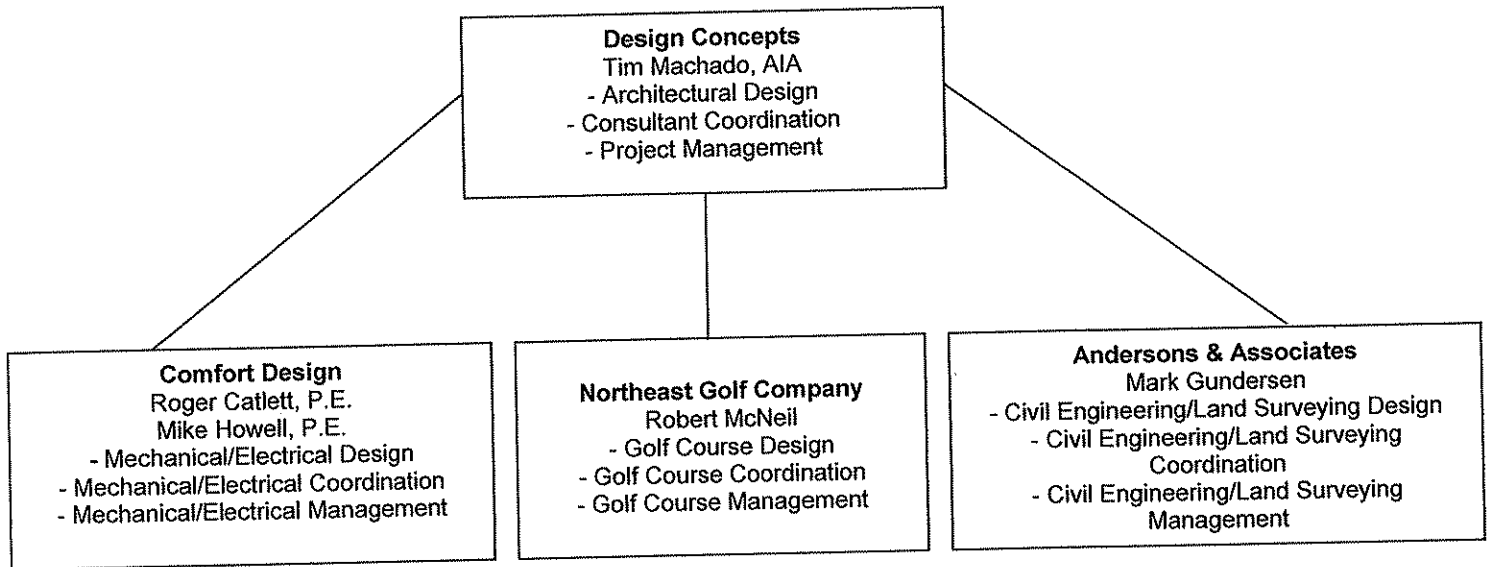


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Our qualified team is committed to serving the State of West Virginia in achieving the goals and milestones of the State and to meet all of your concerns regarding this project.

Together with the rest of our design team, we look forward to working with you on the Cacapon State Park project.

Sincerely,

Tim Machado, AIA
President, **Architecture Design Concepts, P.C.**
(d.b.a. "Design Concepts")



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Resumes

Mr. Machado is the President of **Design Concepts** with over 15 years of experience covering a broad spectrum of project types from local government, to commercial office buildings, as well as institutional, health care, retail, industrial, educational, religious and residential projects of varying scale. Mr. Machado has a comprehensive understanding of state and local codes, governing agencies, and the professional design services required for supervising the Cacapon State Park project.

Tim Machado, AIA
architect@1designconcepts.com
(540) 722-7247; (540) 722-7248 (facsimile)

State Registrations: Virginia, West Virginia, Maryland

Education: **Bachelor of Architecture, 1995**
Virginia Polytechnic Institute & State University
Bauhaus University, Weimar, Germany, 1995-1996
Washington-Alexandria Architecture Consortium,
1993-1995

Professional Experience: Principal, Design Concepts, Winchester, VA
2004-present
Director of Architecture, Frederick Ward Associates,
Warrenton, VA
2003-2004
Project Architect, Reader & Swartz Architects, PC,
Winchester, VA
1997-2003
Project Manager, Lawrence Cook Associates, PC,
Falls Church, VA
1993-1997

Professional Affiliations: AIA National Member
AIA Virginia State Member
AIA Northern Virginia Chapter Member
NCARB certified

Professional Accolades: Winning Entry – *Westgate Circle Design Competition*
Annapolis, Maryland



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Community Service: Appointed Member - Community Development
Committee (CDC)
Member-Old Court House Civil War Museum Board

Additional Information: FBI Top Secret Security Clearance

Project Manger: Justin P. Nester
office@1designconcepts.com
(540) 722-7247; (540) 722-7248 (facsimile)

Education: Associate of Applied Science/Engineering Technology
Fairmont State University, Fairmont, WV
2002

Professional Experience: Project Manager, Design Concepts, Winchester, VA
August 2007-Present
Associate, Project Manager - Production, WYK Associates,
Clarksburg, WV
May 2004-August 2007
Draftsman, Partin-Hobbs Associates, Inc.,
Goldsboro, NC
May 2002-May 2004

Interior Designer: Jessica De Jong
office@1designconcepts.com
(540) 722-7247; (540) 722-7248 (facsimile)

Education: **Bachelor of Arts (Honors) Degree in Three Dimensional Design,**
specializing in Interior Design
Central University of England
1985

Professional Experience: Interior Designer, Design Concepts, Winchester, Virginia
March 2008-Present
President, Corporate Interior Consulting, Inc., Winchester, VA
2000-Present

Director of Interior Design, Wakefield Beasley Interior Group, Inc.,
Atlanta, GA
1988-1999



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architect@1designconcepts.com

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Draftsman, Patterson Engineering, Tucker, Georgia
1986-1988

Interior Design, Functional Planning, Inc., Columbus, OH
1986

**Office Manager/
Administrative Assistant:** Deborah M. Dix
(540) 722-7247; (540) 722-7248 (facsimile)

Education: Northern Virginia Community College, 1975-1976

Professional Experience: Office Manager/Administrative Assistant,
Design Concepts, Winchester, VA
February 2007-Present
Customer Service Representative, FEMA, Winchester, VA
September 2005-August 2006
Receptionist, Office Team, Herndon, VA,
April 2005-September 2005
Senior Sales Assistant, Leesburg Toyota,
Leesburg, VA
November 2004-April 2005
Administrative Assistant, Office Team, Herndon, VA
October 2004-November 2004
Task Supervisor, CACI, Chantilly, VA
July 2003-March 2004
Administrative Assistant, ARTEL, Inc., Reston, VA,
June 1996-July 2003
Administrative Assistant, Town of Leesburg,
Leesburg, VA
May 1989 - June 1996
Administrative Assistant, Magnavox, Ashburn, VA
June 1988-May 1989
Administrative Assistant, Department of Transportation,
Washington, D.C.
August 1977-June 1988

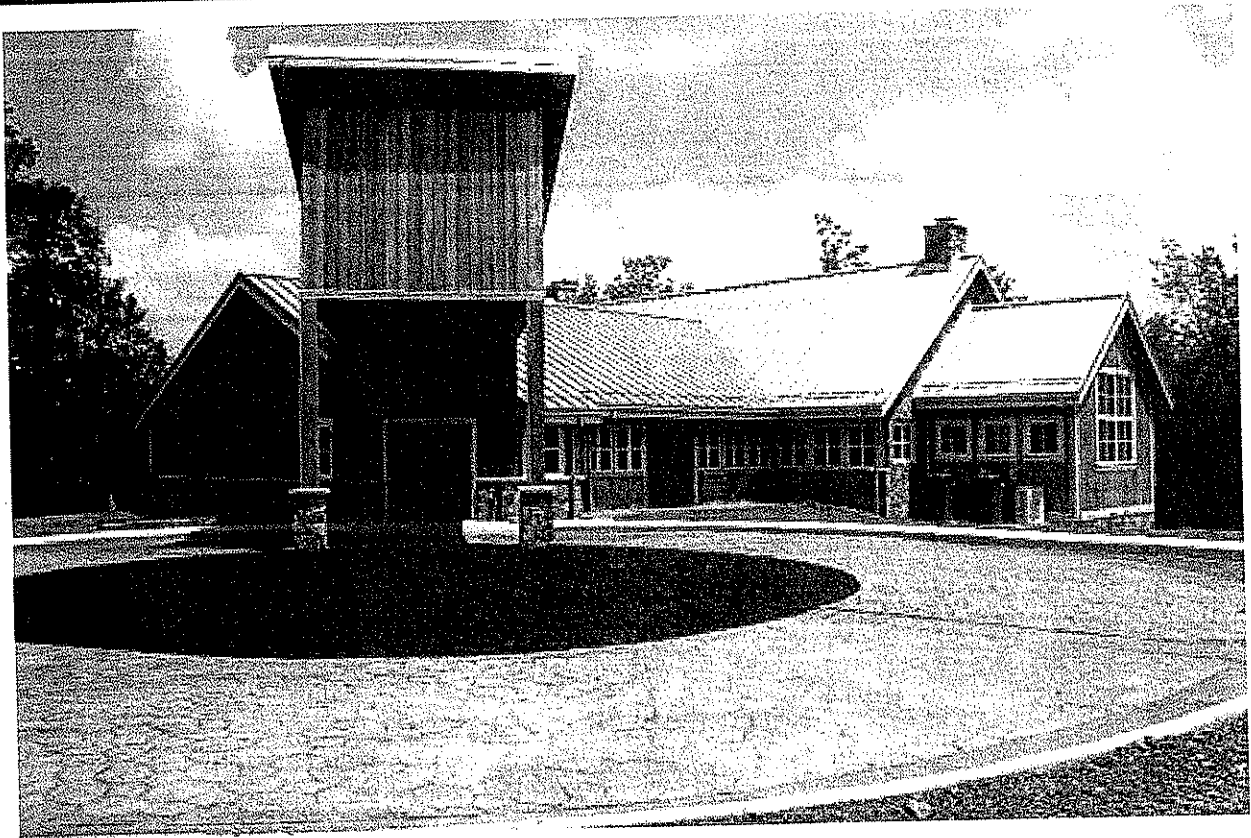


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DESIGN CONCEPTS



Project:
Lodge at Canaan
Valley

Size:
One (1) story
building

**Total Square
Footage:**
8,500 SF

**Total Construction
Cost:**
\$2.3 million

Completed:
Fall 2006

Lodge at Canaan Valley Davis, West Virginia

This project is a new 8,500 SF lodge which includes a large dining room, kitchen and meeting area for a residential community in Davis, WV. The walls are natural stone, with cedar siding, exposed trusses and reclaimed wood floors. Special consideration was given to the location and climate as Davis is the highest incorporated town in West Virginia and therefore subject to harsh winters.

Point of Contact: Mr. Justin Folds, Owner
Atlantic Land Corporation
10029 BonnyKelly Court
Bristow, Virginia 20136
(703) 393-8270
Justin@northamericanland.com

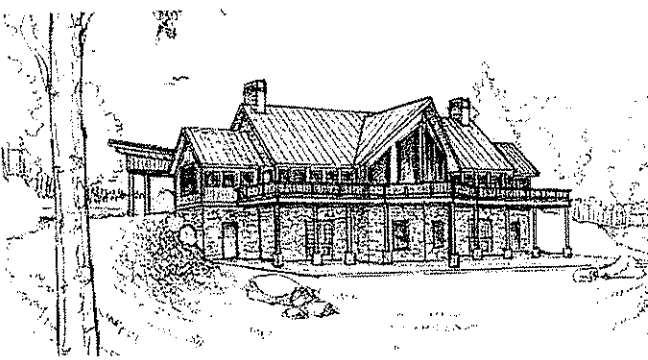
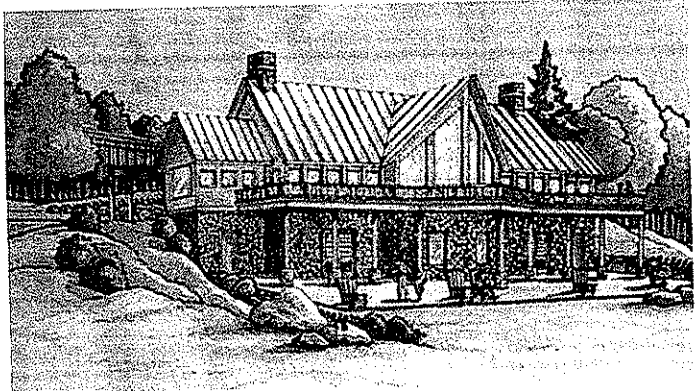
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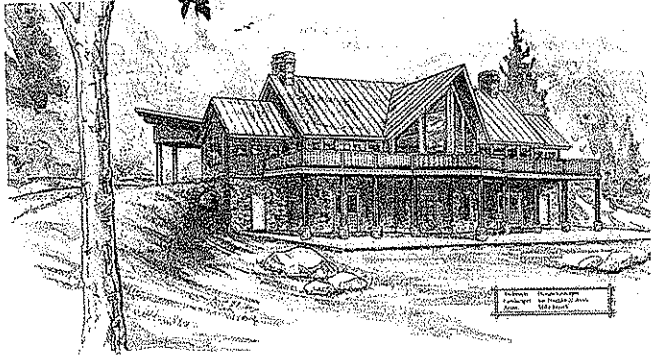
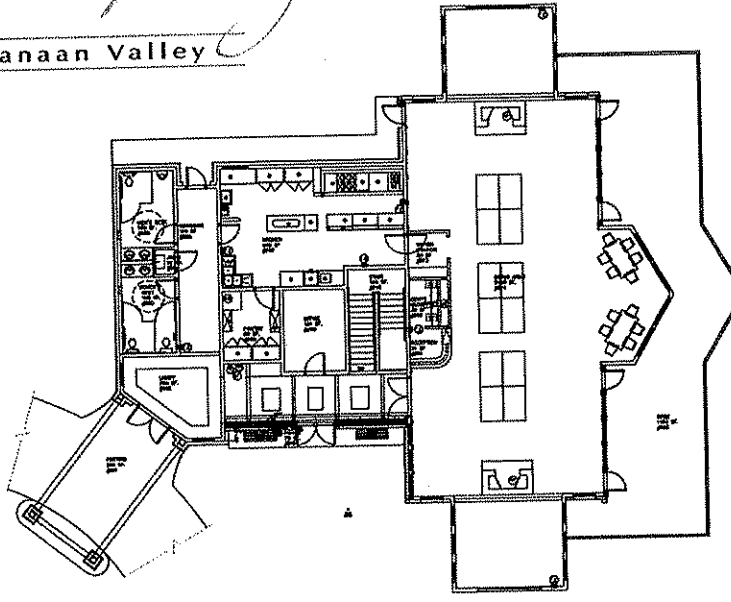
architect@1designconcepts.com

DESIGN CONCEPTS

Lodge at Canaan Valley



Tuscan Ridge
at Canaan Valley

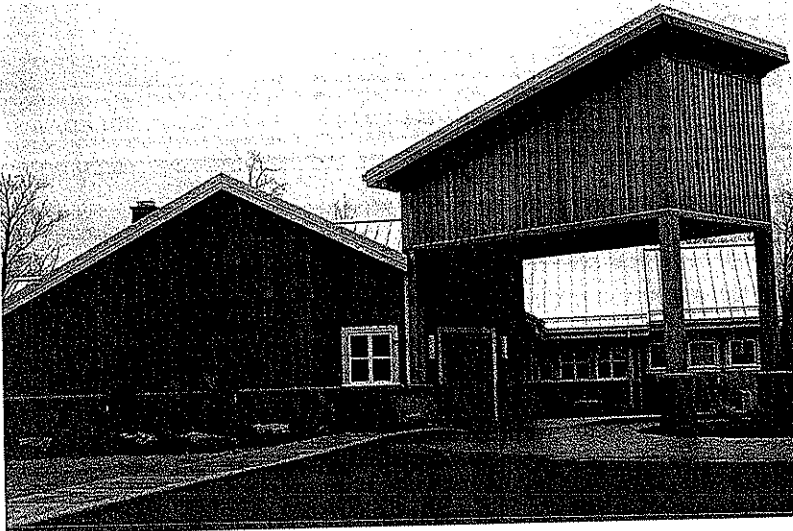
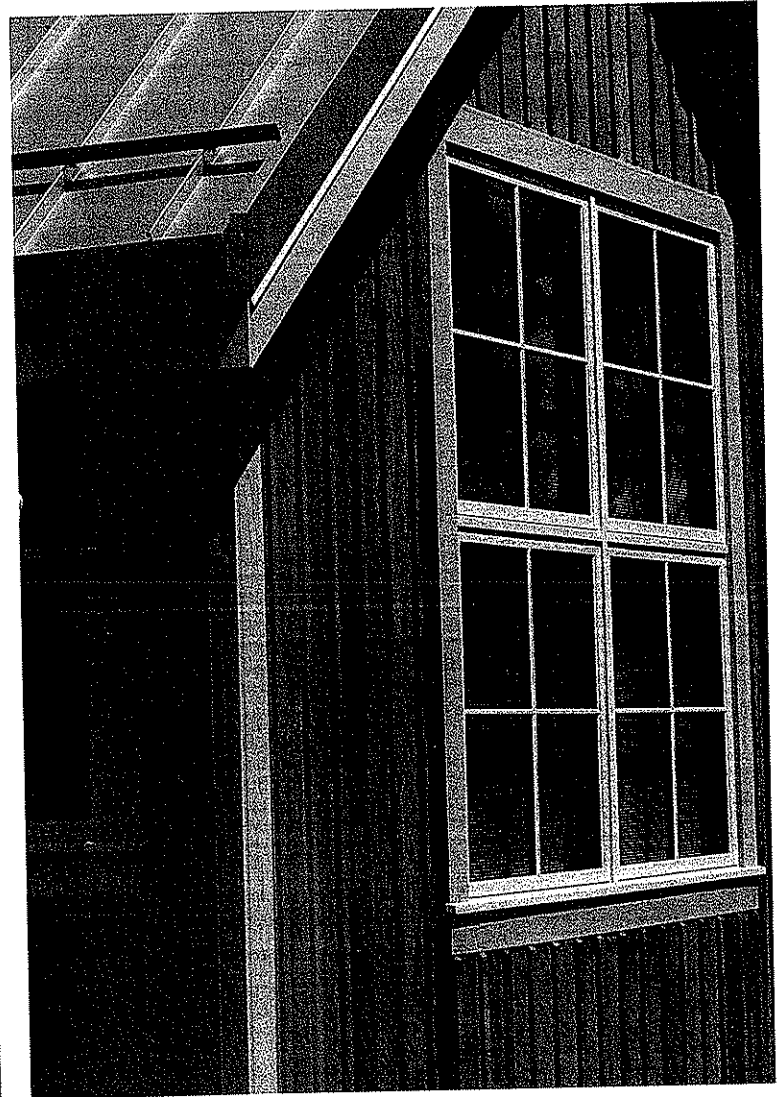


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DESIGN CONCEPTS

Lodge at Canaan Valley

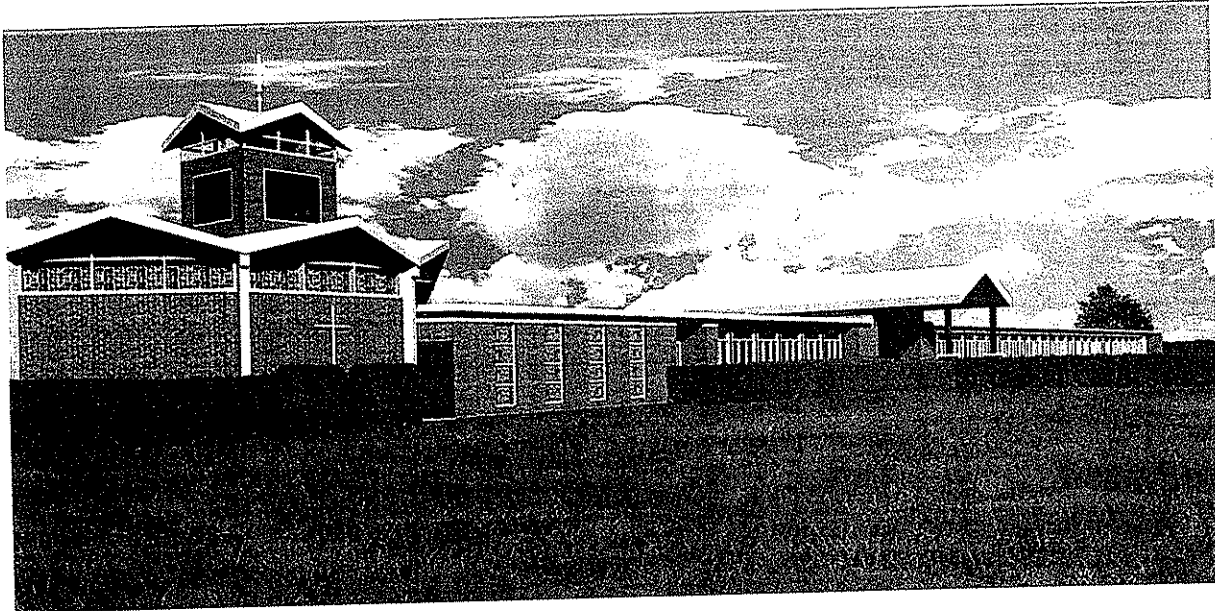


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architect@1designconcepts.com

DESIGN CONCEPTS



Project:
The Catholic
Diocese of
Arlington
Spirituality
Center

Size:
One (1) story
building

**Total Square
Footage:**
24,000 SF

**Total
Construction
Cost:**
\$2.8 million

Completed:
Under Design

The Catholic Diocese of Arlington Spirituality Center

125 Old Kitchen Road
White Post, Virginia 22663

Formerly a Franciscan monastery for the Third Order Regular of St. Francis of Penance, this facility sits on 150 acres which includes a chapel, cafeteria, conference room and space for more than 50 overnight guests.

The monastery opened in 1960 as a training facility for young priests with the Sacred Heart of Jesus Province of Loretto, Pennsylvania. In 1972, it became home to the Franciscan Center for Spiritual Renewal part-time, and launched into full-time operations in 1981. The facility last served as a residence and care center for elderly friars. Design Concepts was selected to renovate the current building for use as a retreat center, bringing it up to current codes and standards, as well as provide design and construction drawings.

Point of Contact:

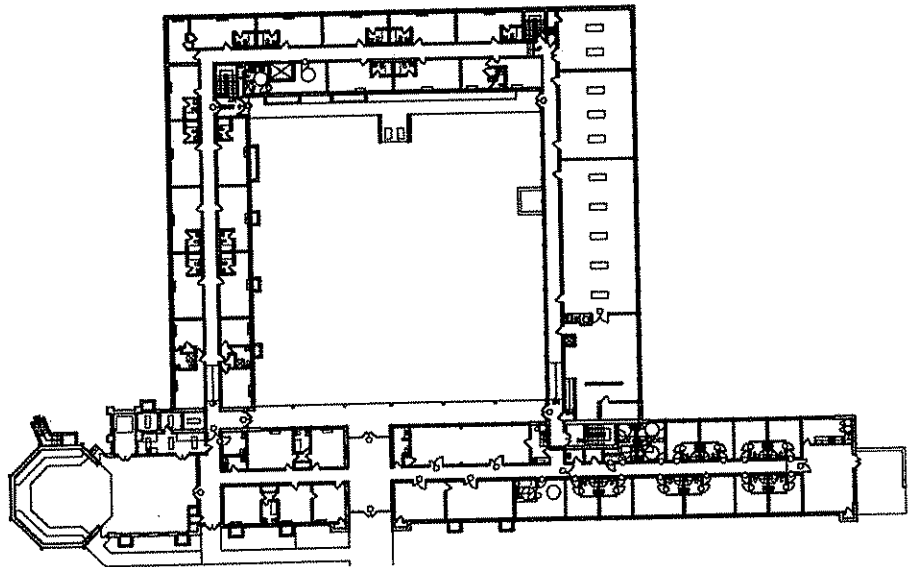
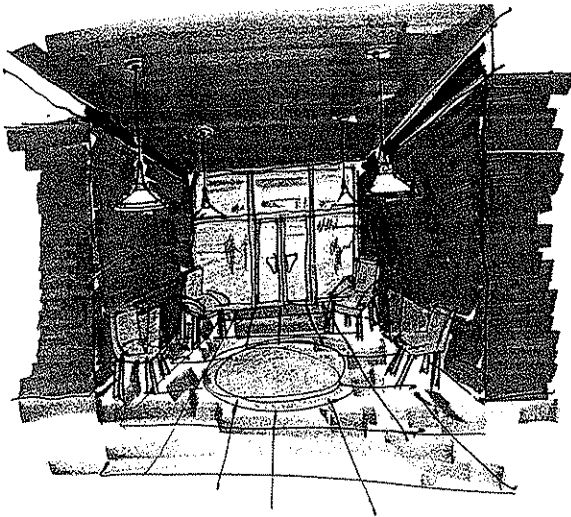
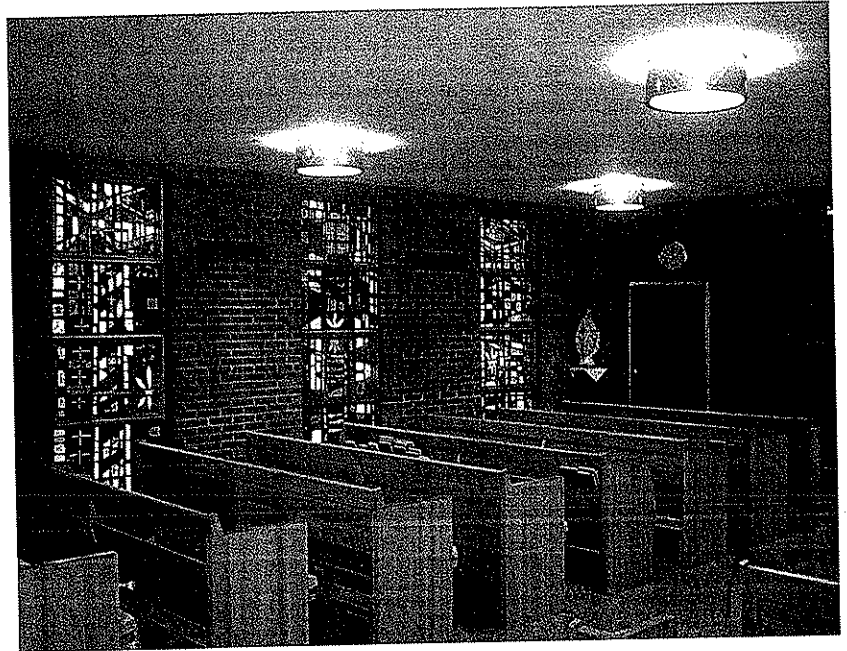
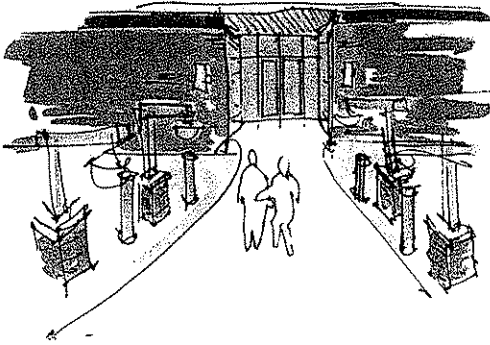
Mr. Mark J. Anthony, Planning Manager
The Catholic Diocese of Arlington
Office of Planning, Construction & Facilities
200 North Glebe Road, Suite 704
Arlington, Virginia 22203
(703) 841-3858
m.Anthony@arlingtondiocese.org

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architect@1designconcepts.com

DESIGN CONCEPTS

Catholic Diocese of Arlington



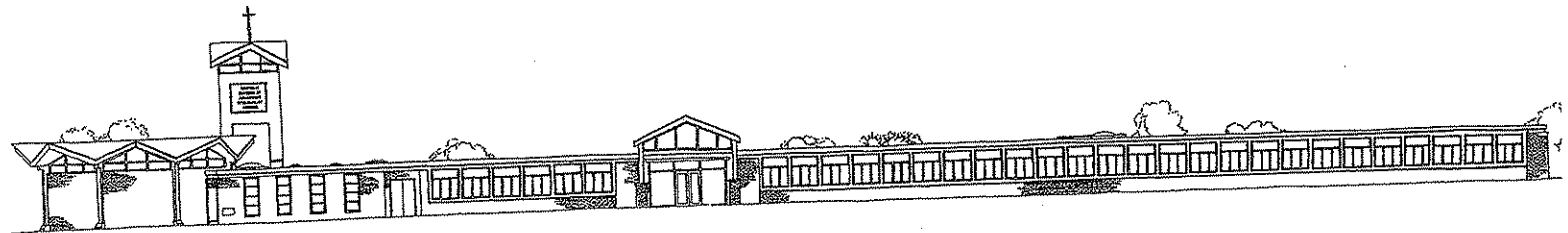
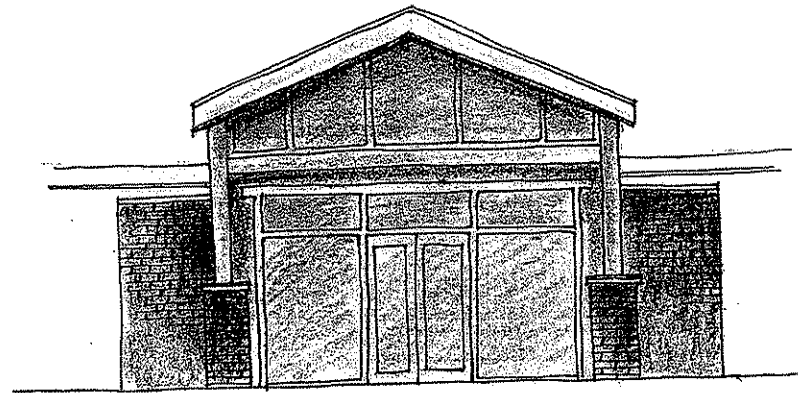
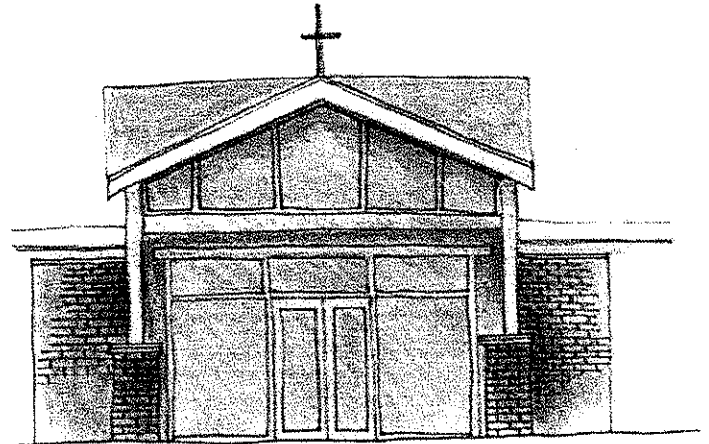
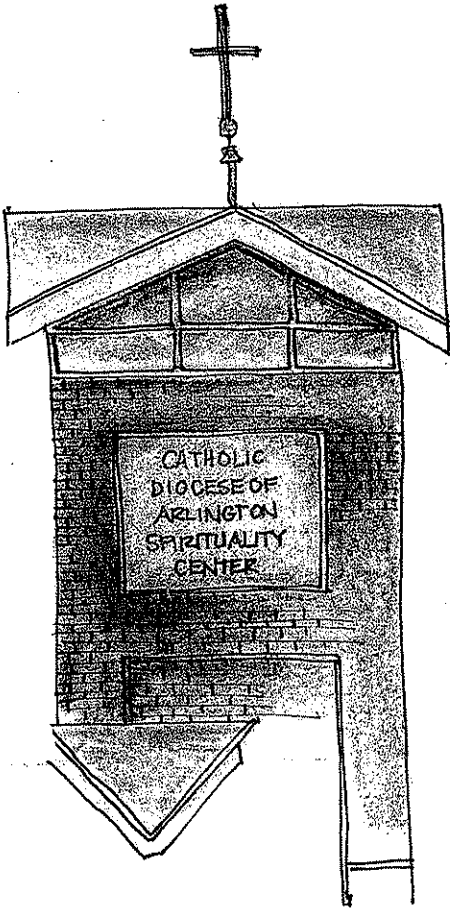
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architect@1designconcepts.com

DESIGN CONCEPTS

Catholic Diocese of Arlington



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architect@1designconcepts.com

DESIGN CONCEPTS



Project:
Harpers Ferry
Streetscape

Size:
Potomac Street

**Total Construction
Cost:**
Unavailable

Completed:
Under Design

Harpers Ferry Streetscape Harpers Ferry, West Virginia

Design Concepts is working closely with the Harpers Ferry Historic Town Foundation on this Streetscape Revitalization project. Recently \$1.5 million was approved through Senator Byrd's office towards this project with the help of several streetscape renovation drawings prepared by Design Concepts.

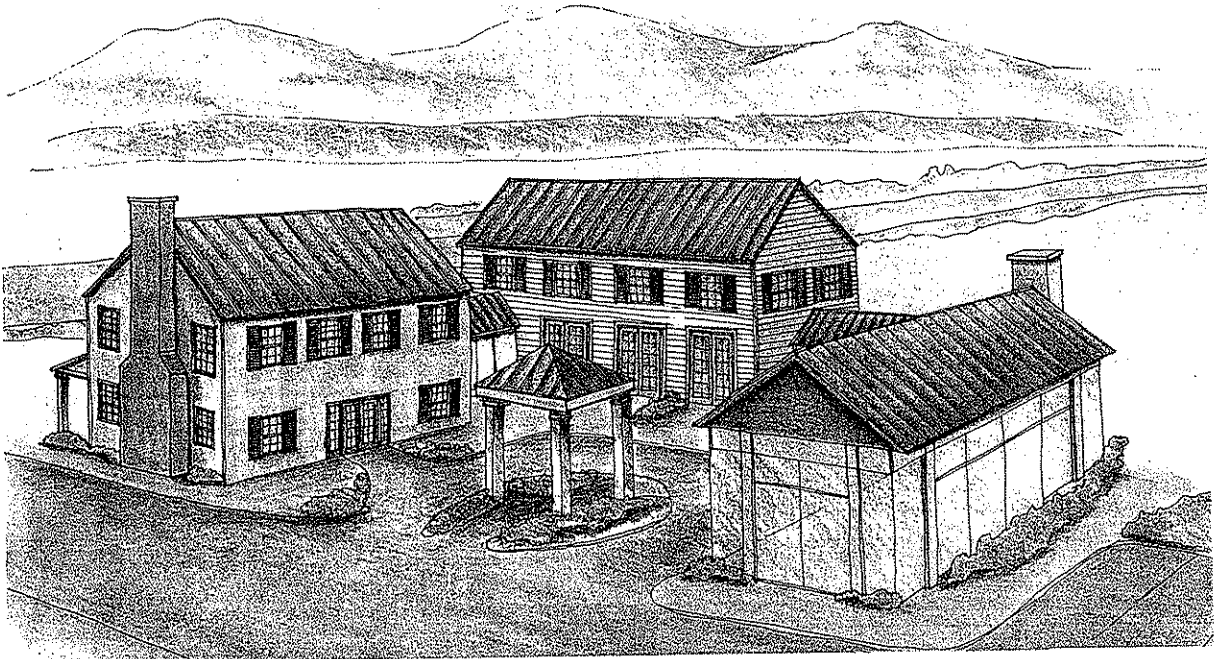
Point of Contact: Mr. Don Alexander
(304) 521-2941

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architect@1designconcepts.com

DESIGN CONCEPTS



Project:
Middletown Visitors
Center

Size:
Two (2) story
building

**Total Square
Footage:**
6,000 SF

**Total Construction
Cost:**
Unavailable

Completed:
Under Design

Middletown Visitors Center Middletown, Virginia

Middletown, Virginia is the home to the Civil War Battle of Cedar Creek. Each year, thousands of tourists come to witness and reenactors come to participate in the reenactment of the Battle of Cedar Creek. The visitor's center is located directly across from the Battlefield. This new facility will help frame the views of the battlefield while providing state-of-the-art interpretation. The program consists of gallery space, theatre, library and offices. The materials and design are meant to complement the historic Shenandoah Valley architecture.

Point of Contact: Mr. Tim Stowe
(540) 336-0656

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architect@1designconcepts.com

DESIGN CONCEPTS



Project:
Potomac
Marketplace, Lot 3

Size:
One (1) story building

**Total Square
Footage:**
4,900 SF

**Total Construction
Cost:**
\$625,000

Completed:
Fall 2007

Potomac Marketplace, Lot 3 Ranson, West Virginia

This new, 1-story building located at Potomac Marketplace in Ranson, West Virginia houses Baer's Mattress Den and California Tortilla. Features include large storefront windows, brick and stucco cladding, a split-face block water table, and rockcast banding. The design involved breaking up an otherwise rectangular footprint, and blending in with the surrounding retail businesses.

Point of Contact: Mr. Sam Palmer
Carl M. Freeman Retail
18330 Village Center Drive, Second Floor
Olney, Maryland 20832
(240) 779-8000

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Phone: (540) 722-7247; Fax: (540) 722-7248
architect@1designconcepts.com

DESIGN CONCEPTS



Project:
Potomac
Marketplace, Lot 5

Size:
One (1) story building

**Total Square
Footage:**
4,250 SF

**Total Construction
Cost:**
\$550,000

Completed:
Fall 2007

Potomac Marketplace, Lot 5 Ranson, West Virginia

This new one (1) story building located at Potomac Marketplace in Ranson, West Virginia houses Quizno's, GameStop and Dunkin Donuts. Features include large storefront windows along with brick and stucco cladding. The design involved breaking up an otherwise rectangular footprint, and blending in with the surrounding retail businesses.

Point of Contact:

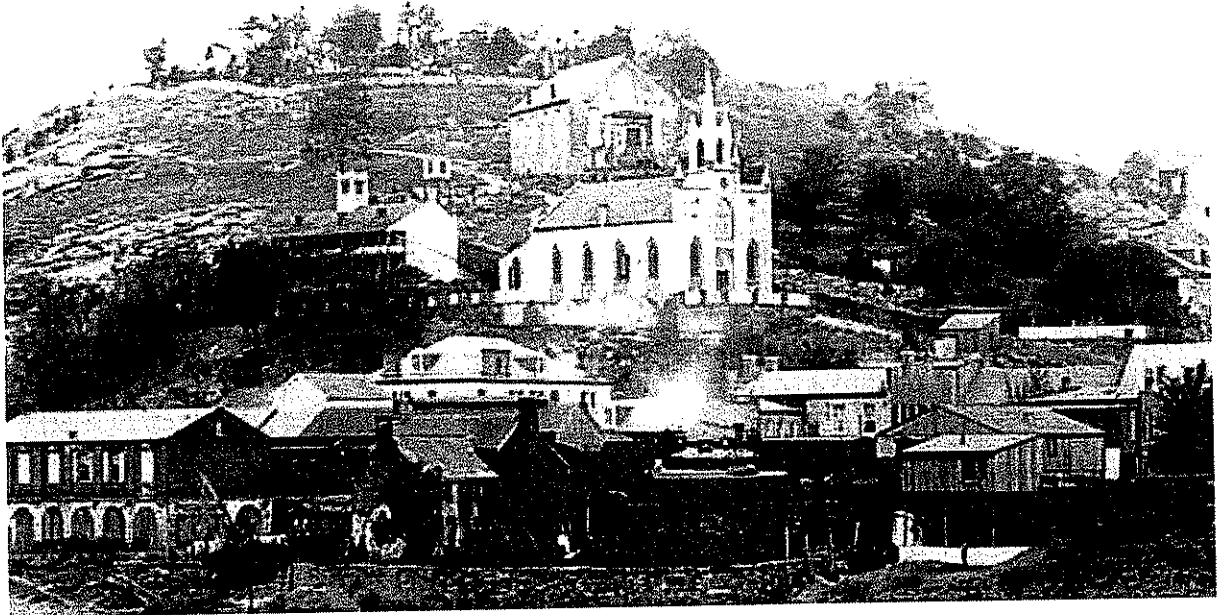
Mr. Sam Palmer
Carl M. Freeman Retail
18330 Village Center Drive, Second Floor
Olney, Maryland 20832
(240) 779-8000

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Phone: (540) 722-7247; Fax: (540) 722-7248

architect@1designconcepts.com

DESIGN CONCEPTS



St. Peter's Rectory Renovation — Church Street Harpers Ferry, West Virginia

Project:
St. Peters
Rectory
Renovation in
Harpers Ferry

Size:
Two (2) story
building

**Total Square
Footage:**
3,500 SF

**Total
Construction
Cost:**
\$62,000

Completed:
Under Design

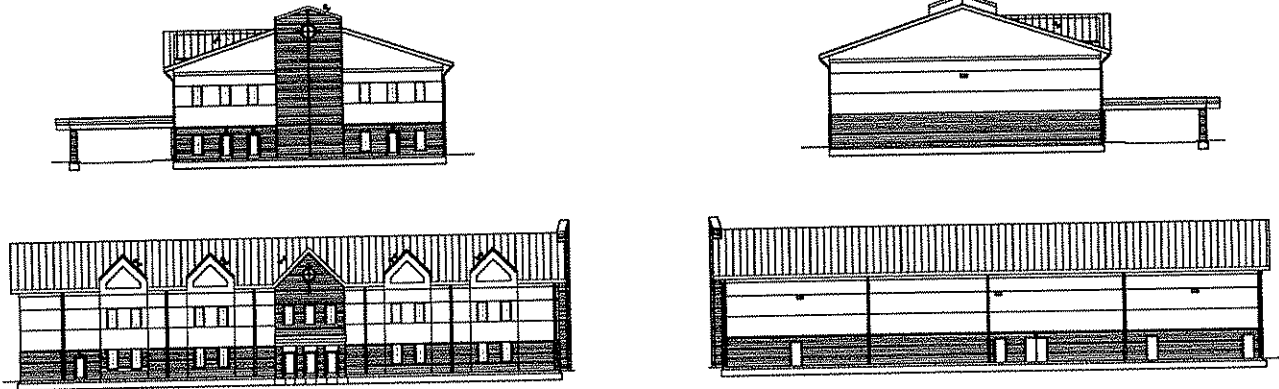
Old St. Peter's Church and Rectory, located in Harpers Ferry, is perhaps one of the most scenic locations for a worship space. Design Concepts has been contracted by the Church to perform renovations services to the Old Rectory and restore it to its former glory. An upstairs apartment will be used by the Bishop of the Wheeling-Charleston Diocese. The main level will be used for meetings and gatherings.

Point of Contact: Deacon David Galvin
60 Cross Winds Drive
Charles Town, West Virginia 25414
deacon@stjameswv.org

architecture design concepts, p c

19 West Cork Street, Suite 200, Winchester, VA 22601
Phone: (540) 722-7247; Fax: (540) 722-7248
architect@1designconcepts.com

DESIGN CONCEPTS



Project:
New Life Community
Church

Size:
Two (2) story
building

**Total Square
Footage:**
21,000 SF

**Total Construction
Cost:**
\$1,253,087

Completed:
Fall 2005

New Life Community Church 4102 Tabler Station Road Inwood, West Virginia 25428

This small church was started in the summer of 1996. With its mission to speak to the unchurched people as well as those who had given up on church, this community quickly outgrew its living room meeting space. *Design Concepts*, working closely with a mechanical engineering consultant who is also a member of this church, designed this simple yet cost effective solution to meet the churches needs. The building is a pre-engineered metal building with masonry and metal panel cladding. Inside is a large, multi-purpose room, offices, classrooms and community room. The church as grown from its 20 original members to an average of 300 attending weekly.

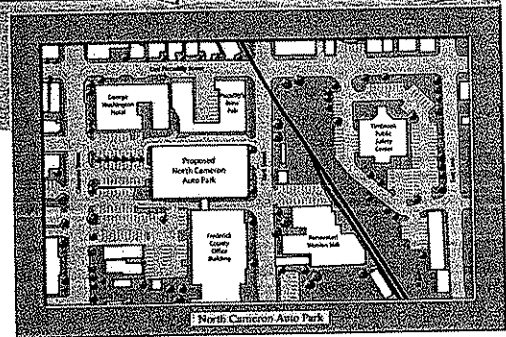
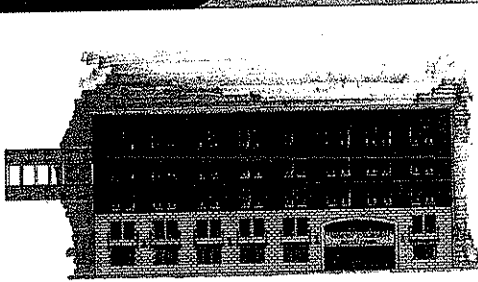
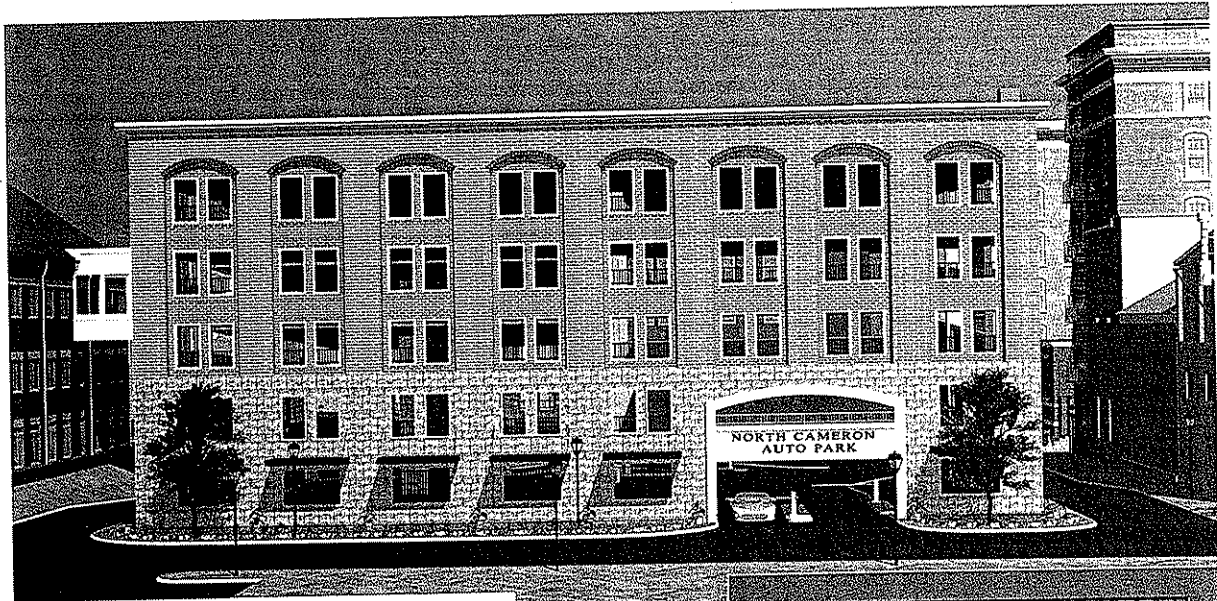
Point of Contact: Mr. Jim Goforth
Pastor
New Life Community Church
61 Putnam Drive
Inwood, West Virginia 25428
(304) 229-7500
goforth2@earthlink.net

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19 West Cork Street, Suite 200, Winchester, VA 22601
Phone: (540) 722-7247; Fax: (540) 722-7248

architect@1designconcepts.com

DESIGN CONCEPTS



Project:
Winchester Parking
Garage #4

Size:
Seven (7) story
building

**Total Square
Footage:**
177,000 SF

**Total Construction
Cost:**
\$7.6 million

Completed:
Under Design

Winchester Parking Garage #4 Kent Street Winchester, Virginia

Design Concepts is currently working with the City of Winchester on its 4th and highly publicized parking structure. Being in the historic district, the structure has been clad in precast wall panels that blend in with the surroundings of buildings such as the George Washington Hotel, Frederick County Office Building and the restored Woolen Mill.

Point of Contact: Mr. Gary Longerbeam
Winchester Parking Authority
(540) 665-9355

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Phone: (540) 722-7247; Fax: (540) 722-7248

architect@1designconcepts.com

DESIGN CONCEPTS



Project:
FBI-Records
Storage Facility

Size:
One (1) story
building

**Total Square
Footage:**
106,000 SF

**Total
Construction
Cost:**
Unavailable

Completed:
Fall 2006

FBI Office / Records Storage Facility Winchester, Virginia

Post 9-11, many government agencies are making the move away from Downtown Washington, D.C. Many of these agencies are finding their way into the Shenandoah Valley of Virginia.

Design Concepts was contracted to do the tenant fit-out for the new FBI Records Storage Facility in Frederick County, VA. This project involved converting an existing manufacturing facility into a state-of-the-art, secure, government facility.

Point of Contact: Mr. Mark Eschelmann
Project Superintendent
(448) 223-7529

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19 West Cork Street, Suite 200, Winchester, VA 22601
Phone: (540) 722-7247; Fax: (540) 722-7248
architect@1designconcepts.com

DESIGN CONCEPTS



Project:
Grove's Harley-Davidson

Size:
Two (2) story building

Total Square Footage:
35,000 SF

Total Construction Cost:
\$4.3 million

Completed:
Fall 2005

Grove's Harley-Davidson of Winchester Showroom/Offices Winchester, Virginia

This new Harley-Davidson Motorcycle Facility more than quadrupled the size of the previous facility. It includes a new, 2-story motorcycle showroom, a parts storage area, a motorcycle service area and storage, as well as an upper mezzanine level that includes private offices and a customer lounge. The building is composed of four separate, pre-engineered metal buildings that come together in an interesting way. The 2-story, brick and stucco clad entrance tower opens the way to a 2-story showroom with clerestory windows. Lower block buildings house the service and storage areas.

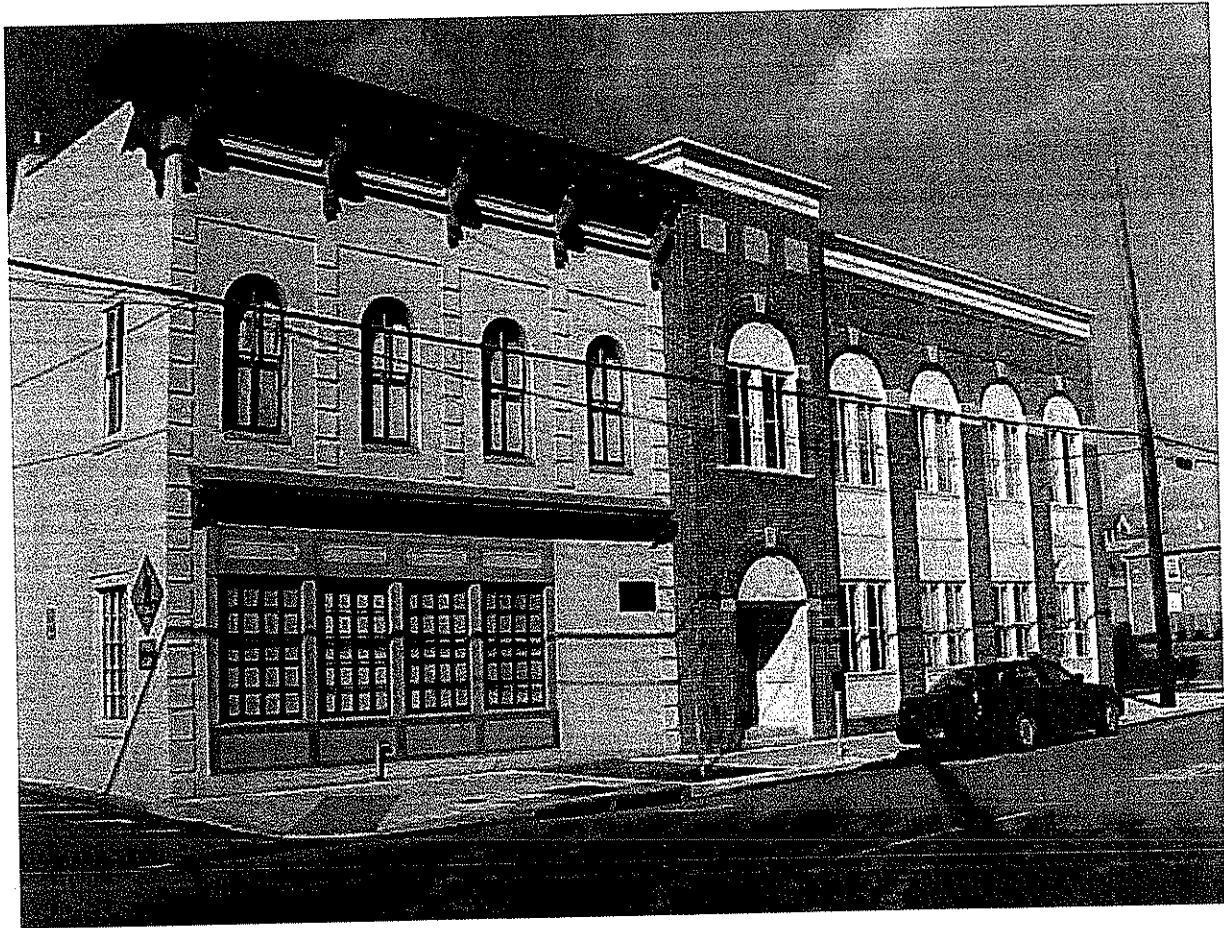
Point of Contact: Ms. Barbara Grove
Owner
140 Independence Drive
Winchester, Virginia 22601
540-662-4468

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19 West Cork Street, Suite 200, Winchester, VA 22601
Phone: (540) 722-7247; Fax: (540) 722-7248

architect@1designconcepts.com

DESIGN CONCEPTS



Project:
Our Health Facility

Size:
Two (2) story building

Total Square Footage:
25,150 SF

Total Construction
\$2.6 million

Completed:
October 2003

Our Health Facility Cameron Street Winchester, Virginia

This project involved a major 9,000 SF 2-story addition and a major 10,000 SF renovation of the former Union Rescue Mission building on Cameron Street. The new facility houses the Free Medical Clinic, Healthy Families, the Child/Parent Center, Literacy Volunteers, and the Concern Hotline. This project also involved a major 6,150 SF 2-story renovation of the former Lineburg Office Building. This project required special care to maintain the scale and form of adjoining buildings along Cameron Street while still successfully blending the exterior aesthetically with the existing building.

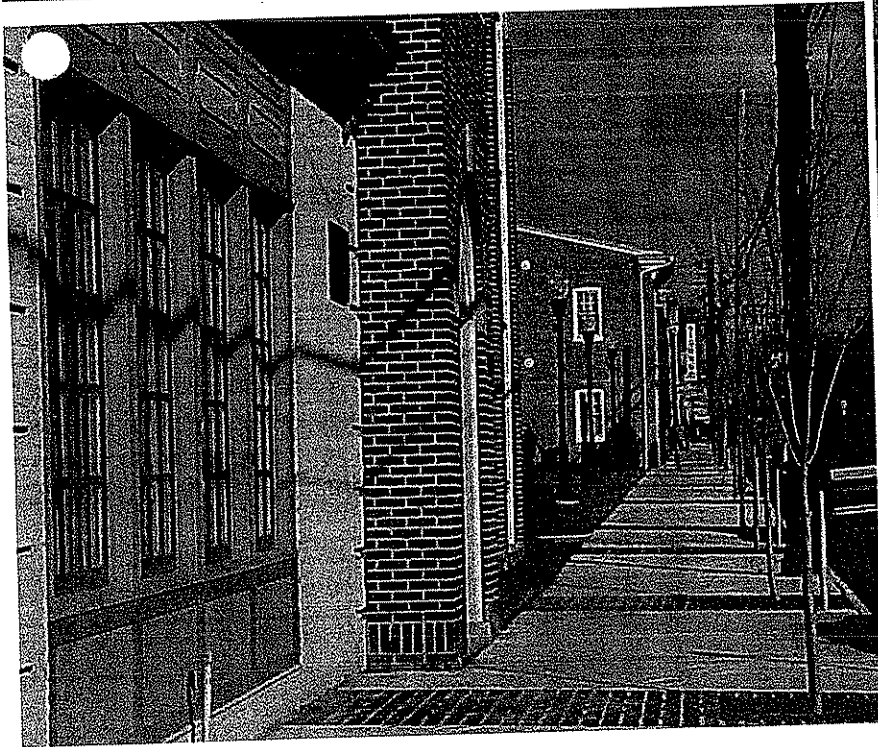
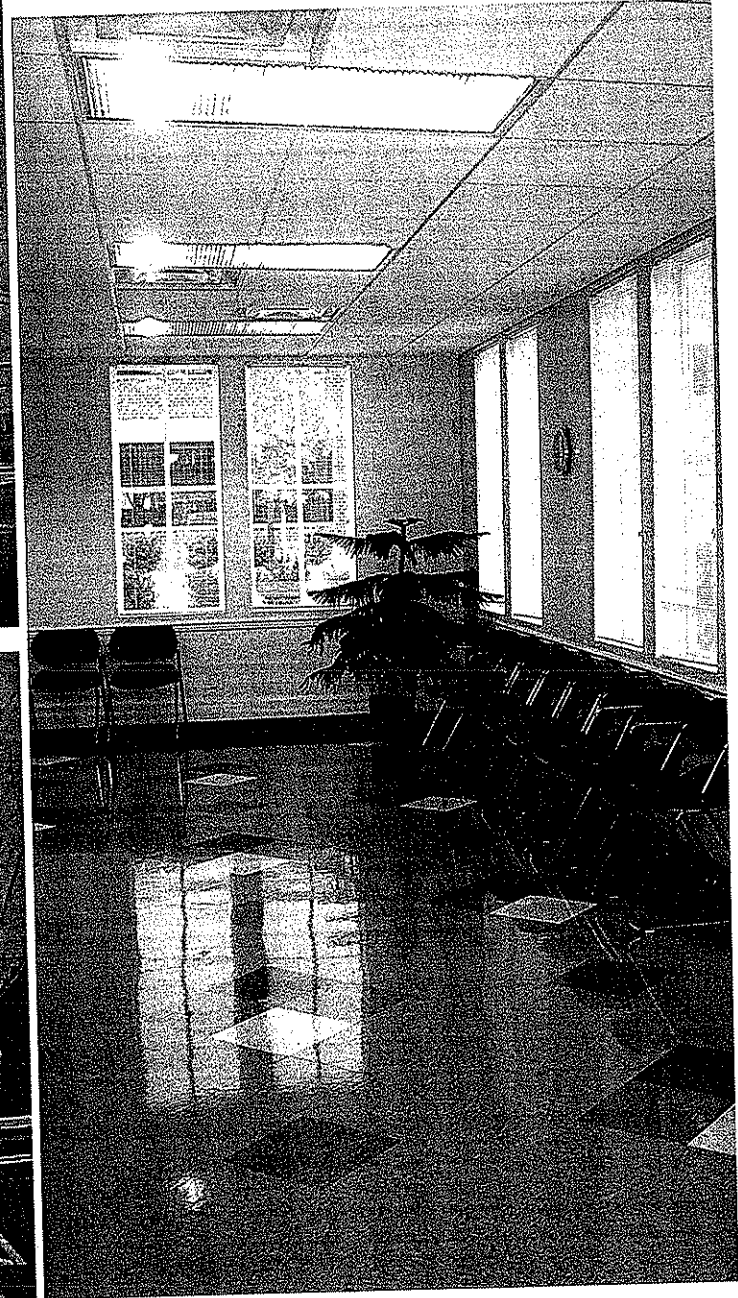
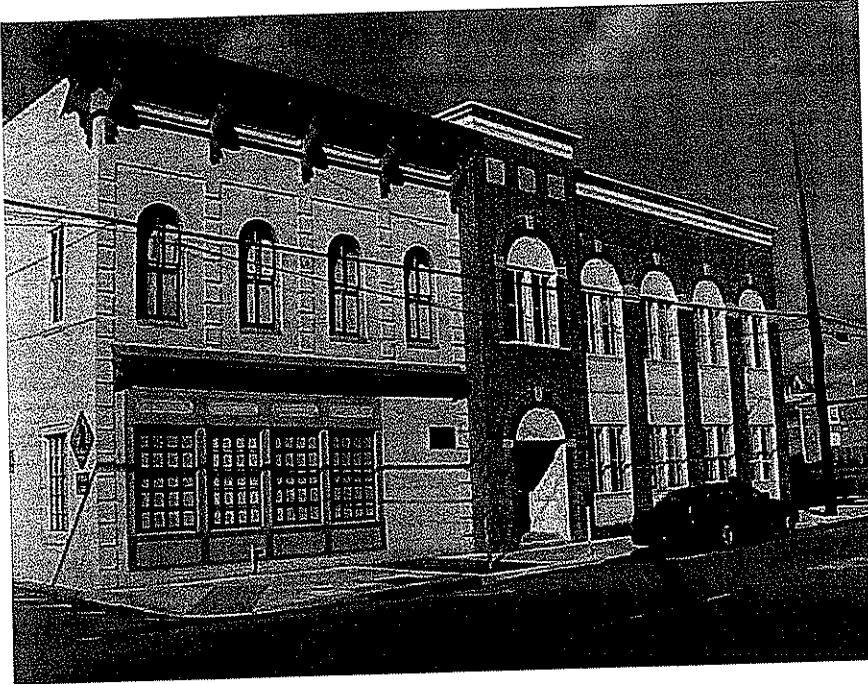
Point of Contact: Dave Ziegler
(540) 536-1600
dziegler@valleyhealthlink.com

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19 West Cork Street, Suite 200, Winchester, VA 22601
Phone: (540) 722-7247; Fax: (540) 722-7248
architect@1designconcepts.com

DESIGN CONCEPTS

Our Health



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19 West Cork Street, Suite 200, Winchester, VA 22601

Phone: (540) 722-7247; Fax: (540) 722-7248

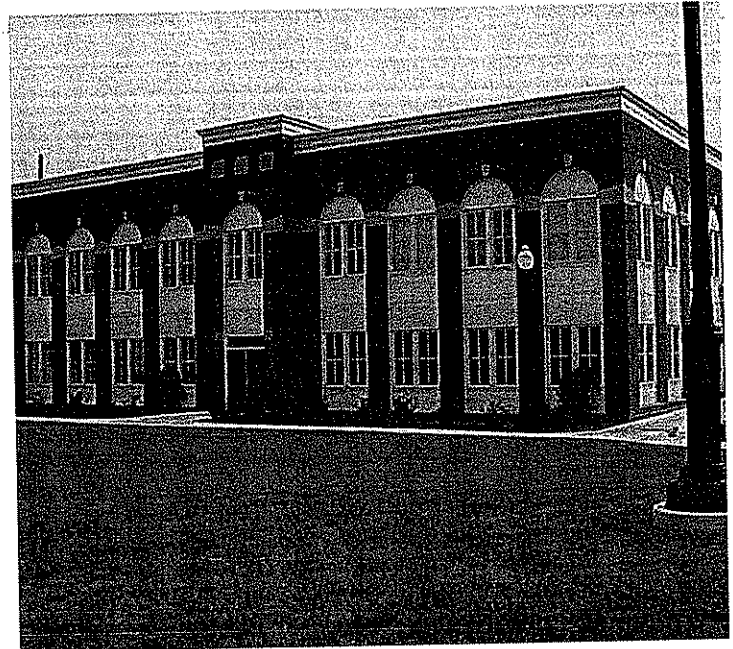
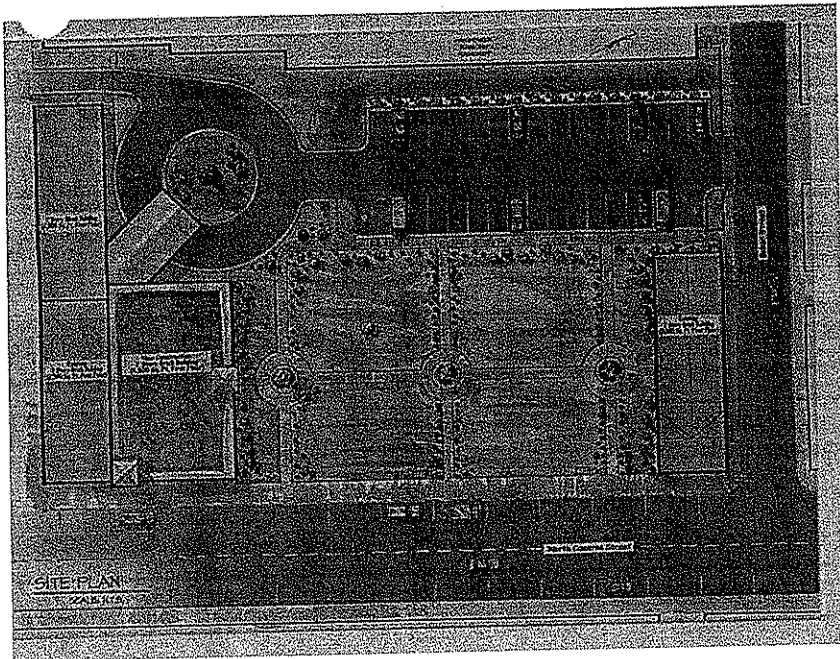
architect@1designconcepts.com

DESIGN CONCEPTS

Our Health

Community funded project to house non-profit organizations

Two story addition completed as well as 10,000 SF renovation

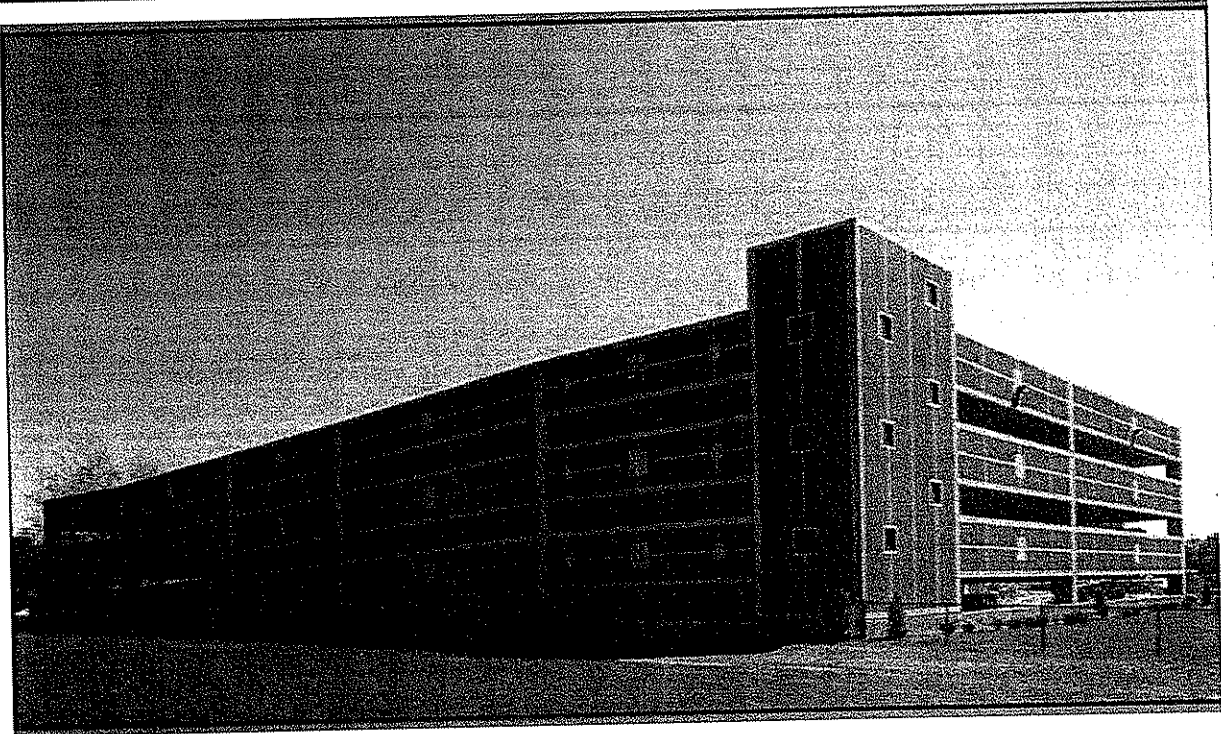


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architect@1designconcepts.com

DESIGN CONCEPTS



Project:
Shenandoah
University Parking
Structure

Size:
Three (3) story
building

**Total Square
Footage:**
94,000 SF

**Total Construction
Cost:**
Unavailable

Completed:
Spring 2007

Shenandoah University Parking Structure

This structure is a 94,000 SF, 297 space parking deck for Shenandoah University. It was designed to accommodate the growing number of students on campus. Special attention was paid to blending in with the surrounding buildings, especially the new Student Center.

Point of Contact: Mr. Al Sizemore
Project Manager
Howard Shockey & Sons, Inc.
P. O. Box 2530
Winchester, Virginia 22604
(540) 665-3288
asizemore@howardshockey.com

architecture design concepts, p c

19 West Cork Street, Suite 200, Winchester, VA 22601
Phone: (540) 722-7247; Fax: (540) 722-7248

architect@1designconcepts.com

DESIGN CONCEPTS



Project:
Shockey Companies
Office Renovation/
Addition

Size:
Two (2) story building

**Total Square
Footage:**
28,000 SF

**Total Construction
Cost:**
Unavailable

Completed:
2005

The Shockey Companies Office Renovation and Addition Winchester, Virginia

This new entrance design and 28,000 SF Office Renovation for The Shockey Companies serves as a focal point for visitors and highlights the interior office renovations. The new 2-story, glass entrance tower ties together the original, precast, 1-story office building to a later 2-story addition. The interior consists of renovated office space, along with a new bid room, conference rooms, and a training room.

Point of Contact:

Mr. Al Sizemore, Project Manager
Howard Shockey & Sons, Inc.
P. O. Box 2530
Winchester, Virginia 22604
(540) 665-3288
asizemore@howardshockey.com

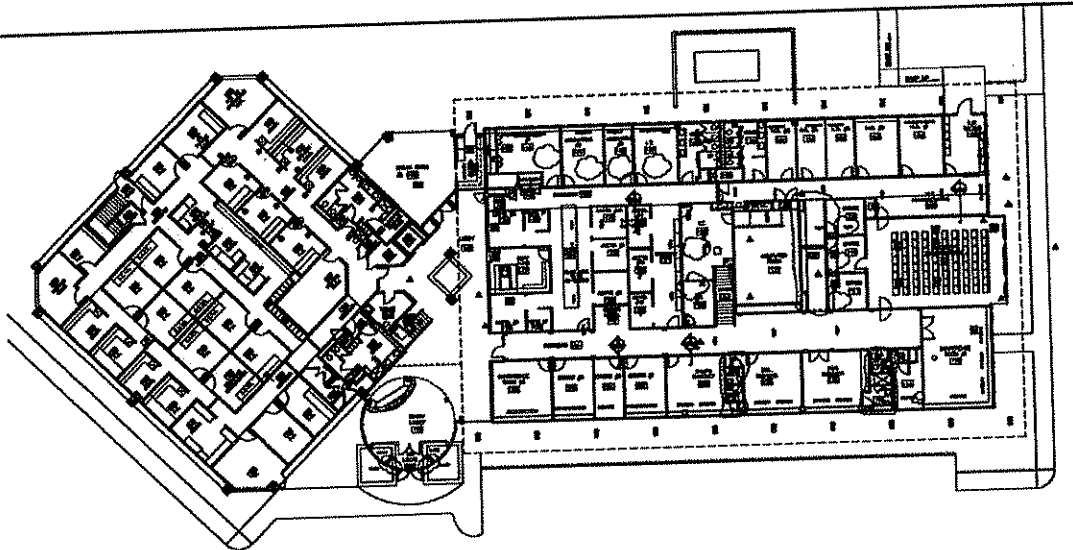
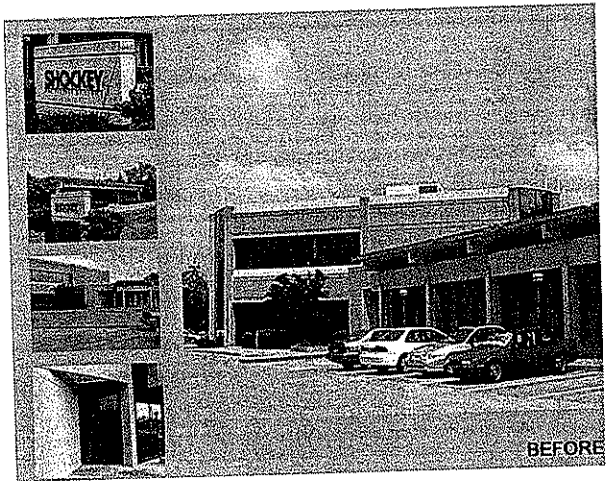
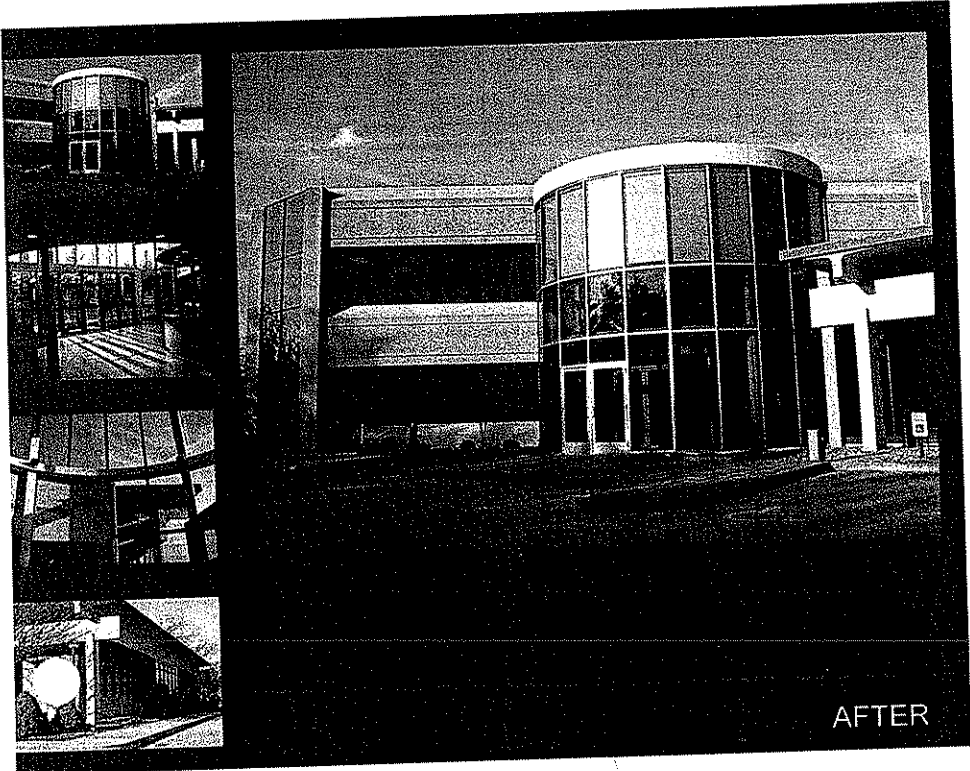
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architect@1designconcepts.com

DESIGN CONCEPTS

The Shockey Companies Office Renovation



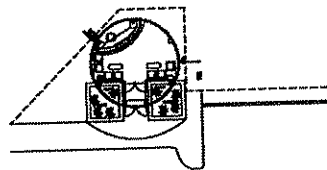
ROOF PLAN



REFLECTED CEILING PLAN
UPPER LEVEL



REFLECTED CEILING PLAN
LOWER LEVEL



FLOOR PLAN

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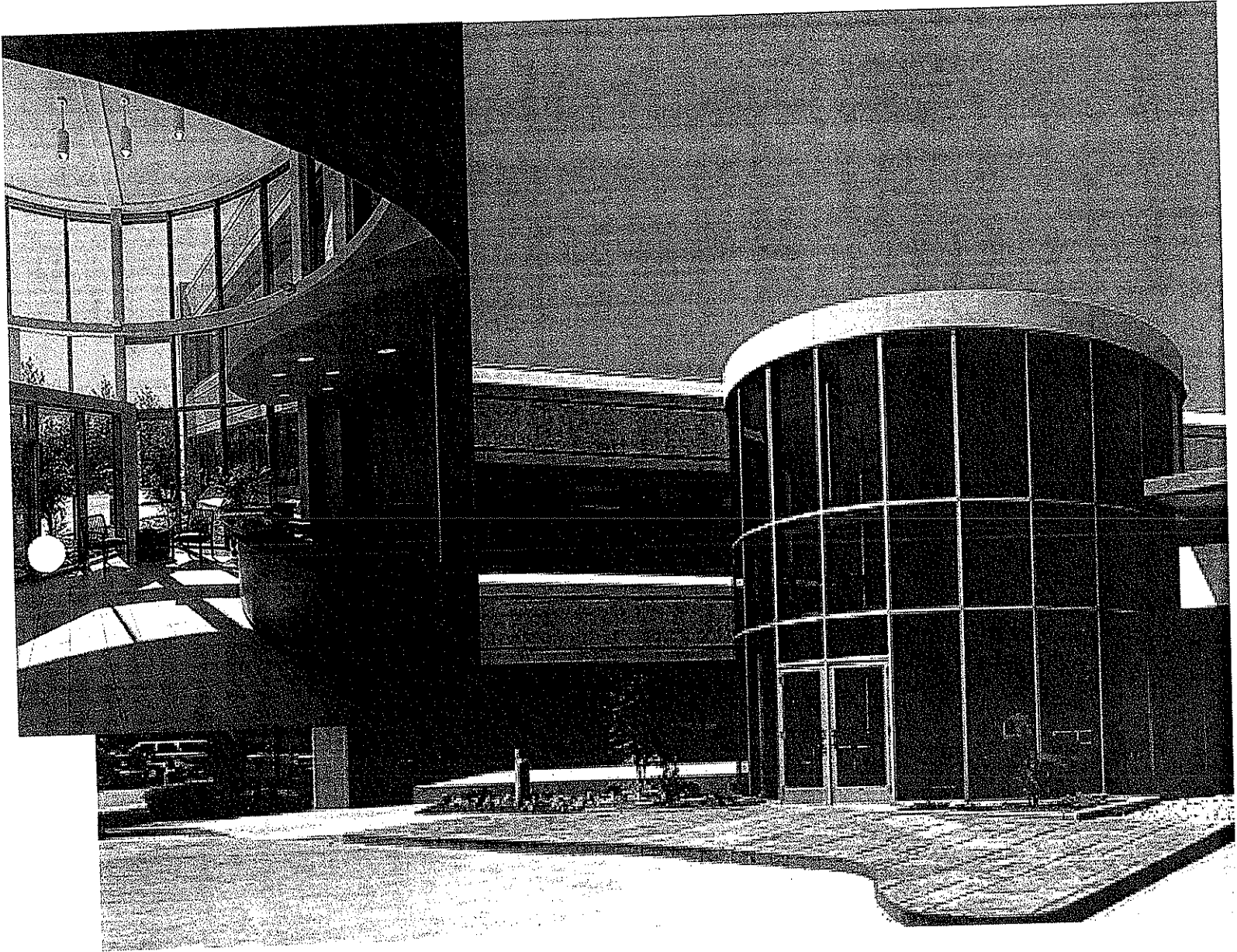
19 West Cork Street, Suite 200, Winchester, VA 22601

Phone: (540) 722-7247; Fax: (540) 722-7248

architect@1designconcepts.com

DESIGN CONCEPTS

The Shockey Companies Office
Renovation

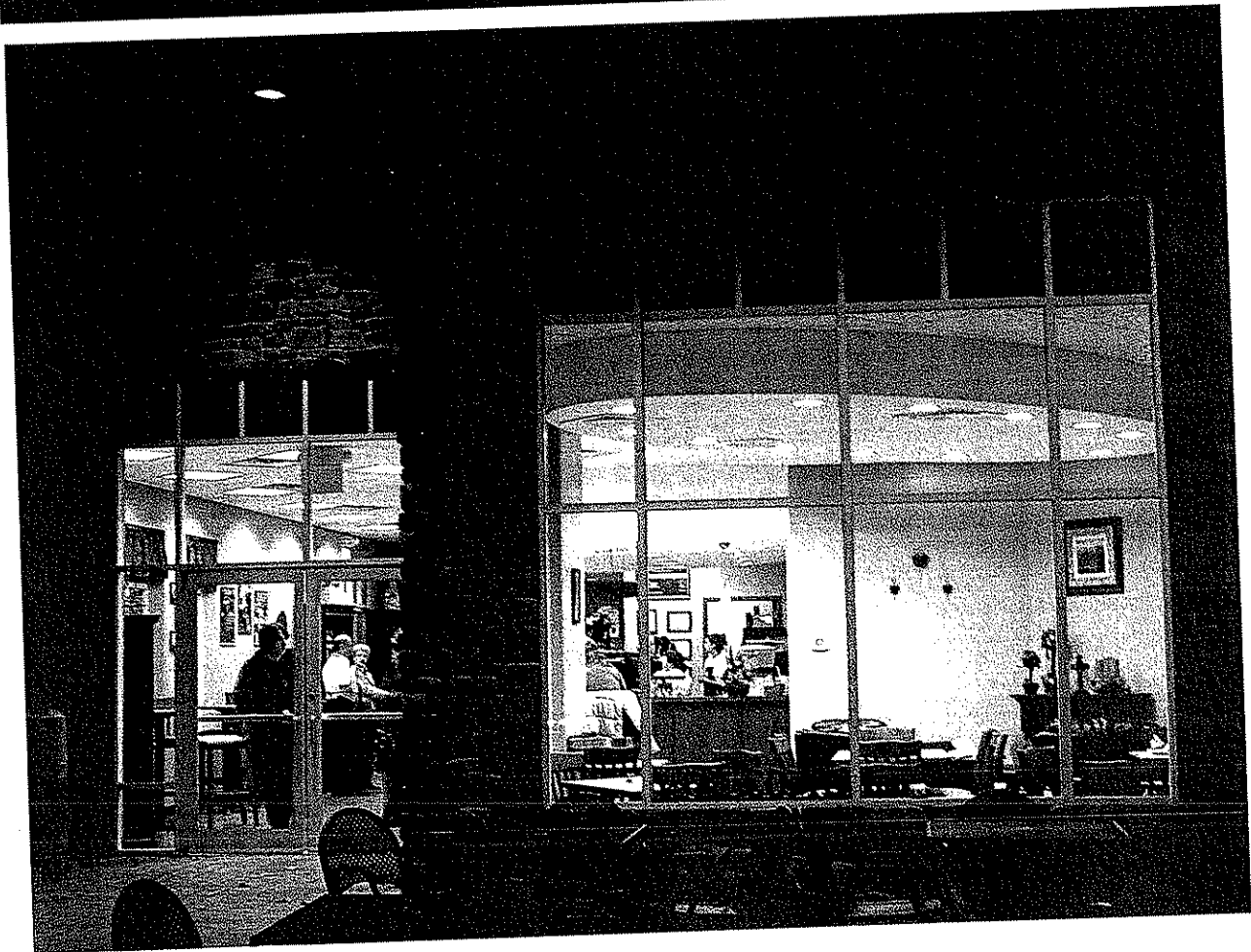


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architect@1designconcepts.com

DESIGN CONCEPTS



Project:
Daily Grind –
Abrams Crossing

Size:
One (1) story
building

**Total Square
Footage:**
1,915 SF

**Total Construction
Cost:**
\$200,000

Completed:
2006

Daily Grind – Abrams Crossing Winchester, Virginia

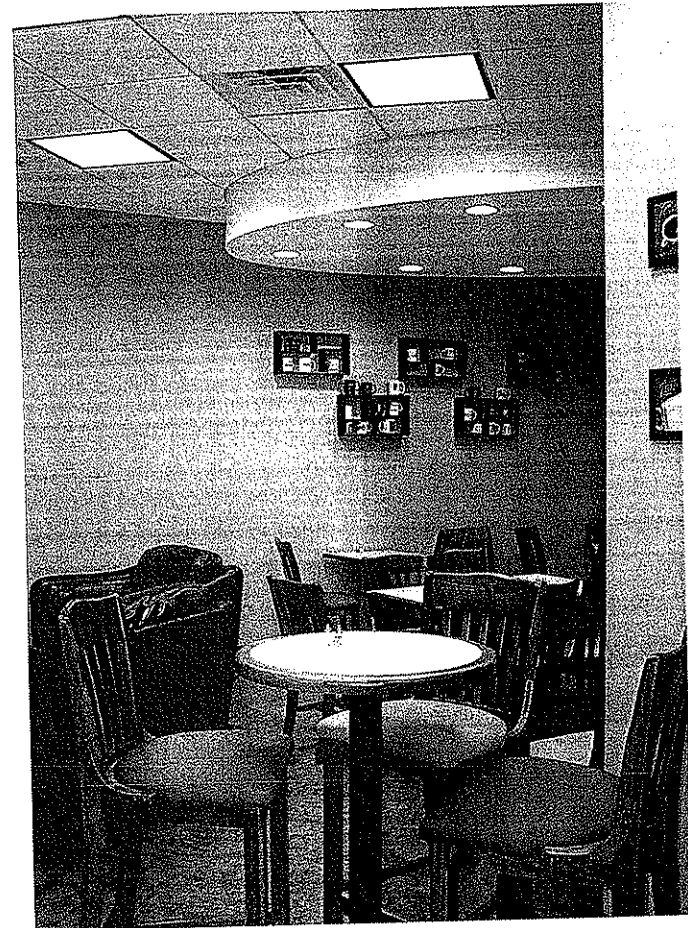
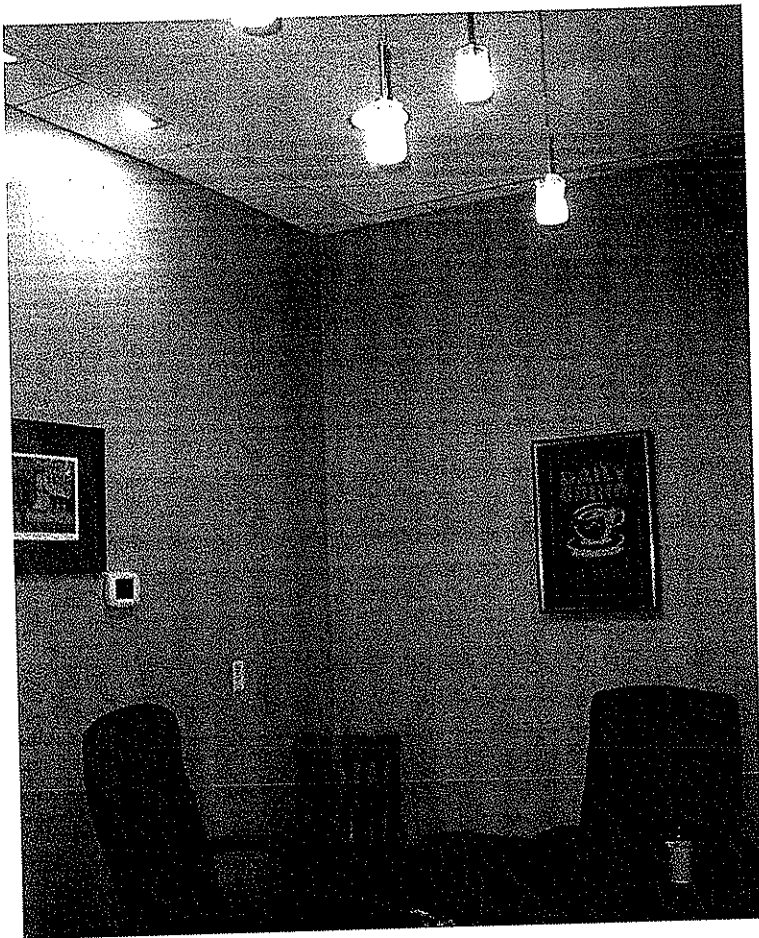
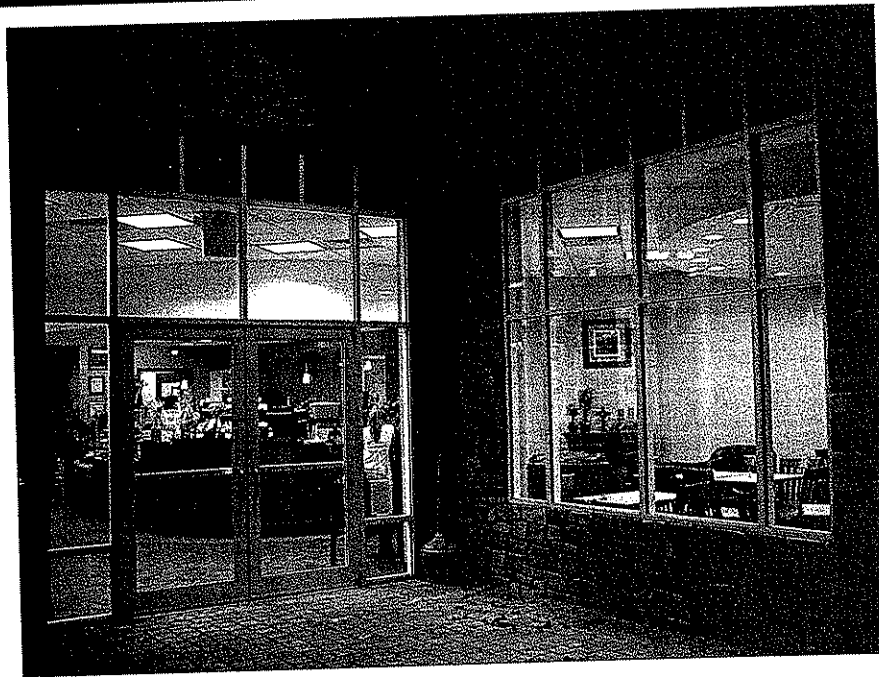
Winchester is the corporate home of Daily Grind, an up-and-coming coffee franchise. *Design Concepts* has been working with Daily Grind on several new stores as well as a contemporary drive-thru prototype.

Point of Contact: Mr. Gary Kaiser
Owner
Daily Grind – Abrams Crossing
(540) 678-4002

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19 West Cork Street, Suite 200, Winchester, VA 22601
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DESIGN CONCEPTS



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19 West Cork Street, Suite 200, Winchester, VA 22601
Phone: (540) 722-7247; Fax: (540) 722-7248

architect@1designconcepts.com

DESIGN CONCEPTS



Project:
Frederick County
Animal Shelter

Size:
One (1) story
building

**Total Square
Footage:**
14,000 SF

**Total
Construction
Cost:**
\$3.5 million

Completed:
Fall 2006

Frederick County Animal Shelter

161 Fort Collier Road
Winchester, Virginia

This project is a new 14,000 SF facility, designed to house over 100 dogs and cats. The new facility employs state-of-the-art technology in animal care. Special consideration was given to control the spread of air-borne or contact-based diseases. Large clerestory windows and exposed high ceilings give this facility an open, well-lit feel. Special attention was given to materials that are easy to clean and animal friendly. Some of the special features for this shelter include plenty of windows to help reduce stress levels for the animals, radiant heated floors to keep the animals comfortable during winter, and cat gyms to provide exercise and entertainment for the cats.

Points of Contact: Mr. Ed Strawsnyder
Director of Public Works
County of Frederick
107 N. Kent Street
Winchester, Virginia 22601
(540) 722-8214
estrawsn@co.frederick.va.us

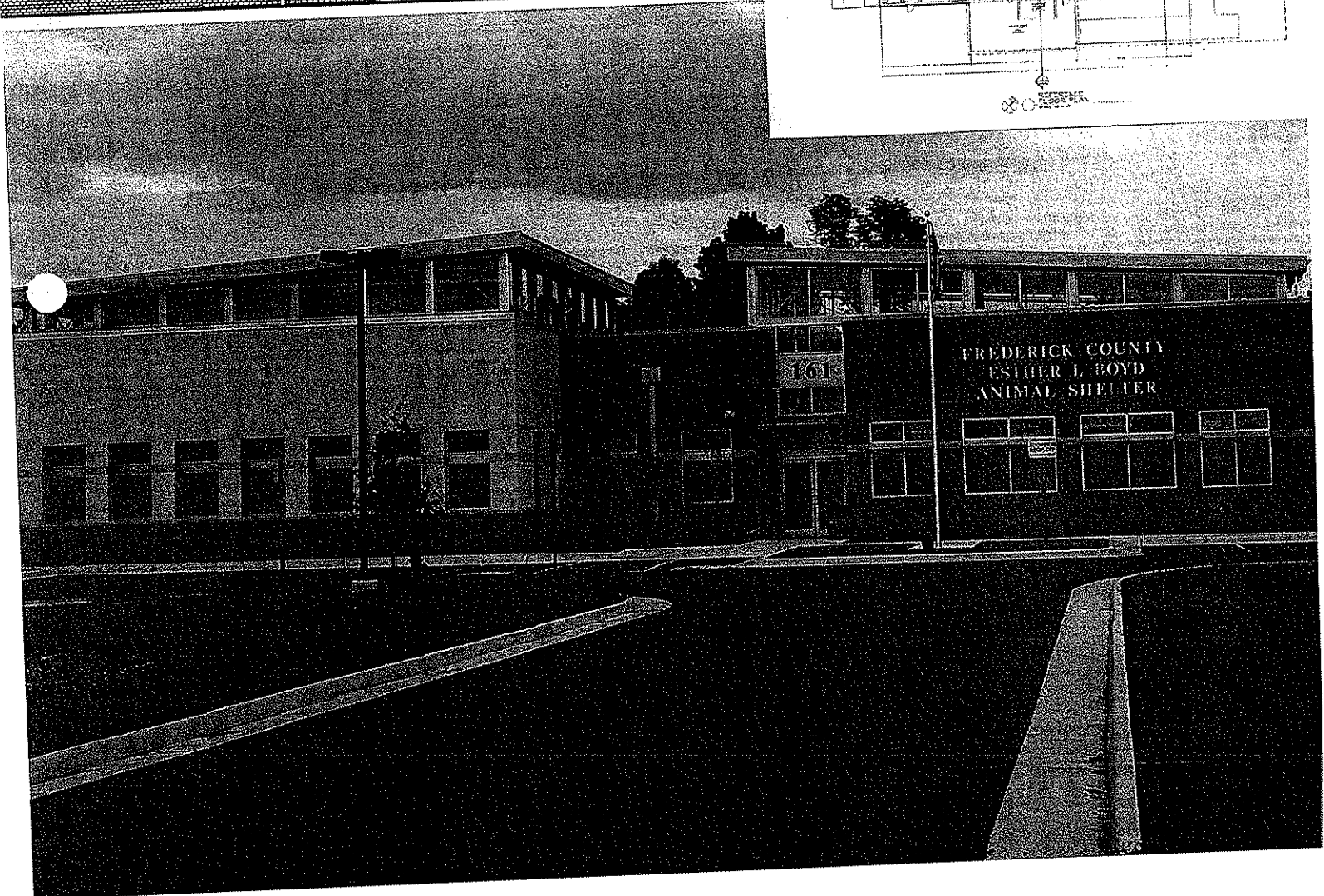
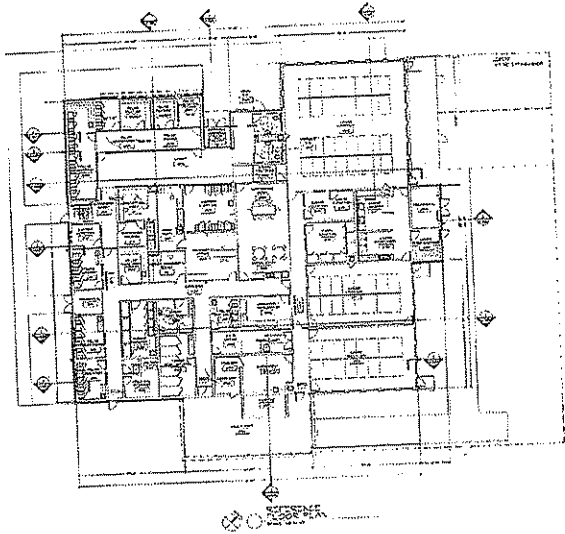
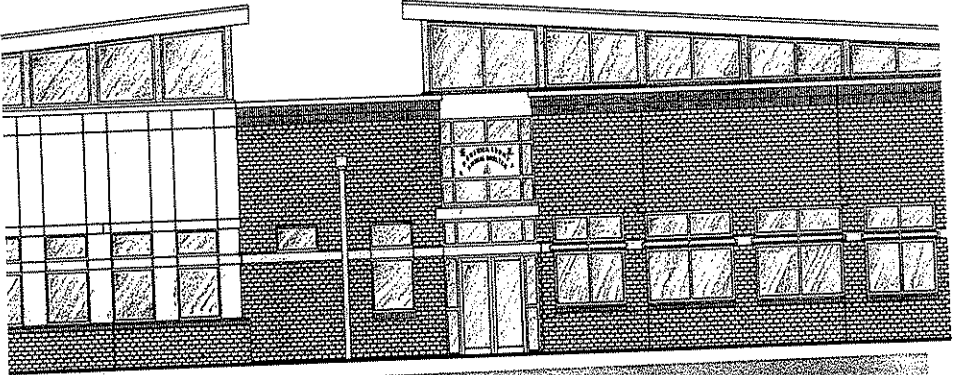
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Phone: (540) 722-7247; Fax: (540) 722-7248

architect@1designconcepts.com

DESIGN CONCEPTS

Frederick County Animal Shelter



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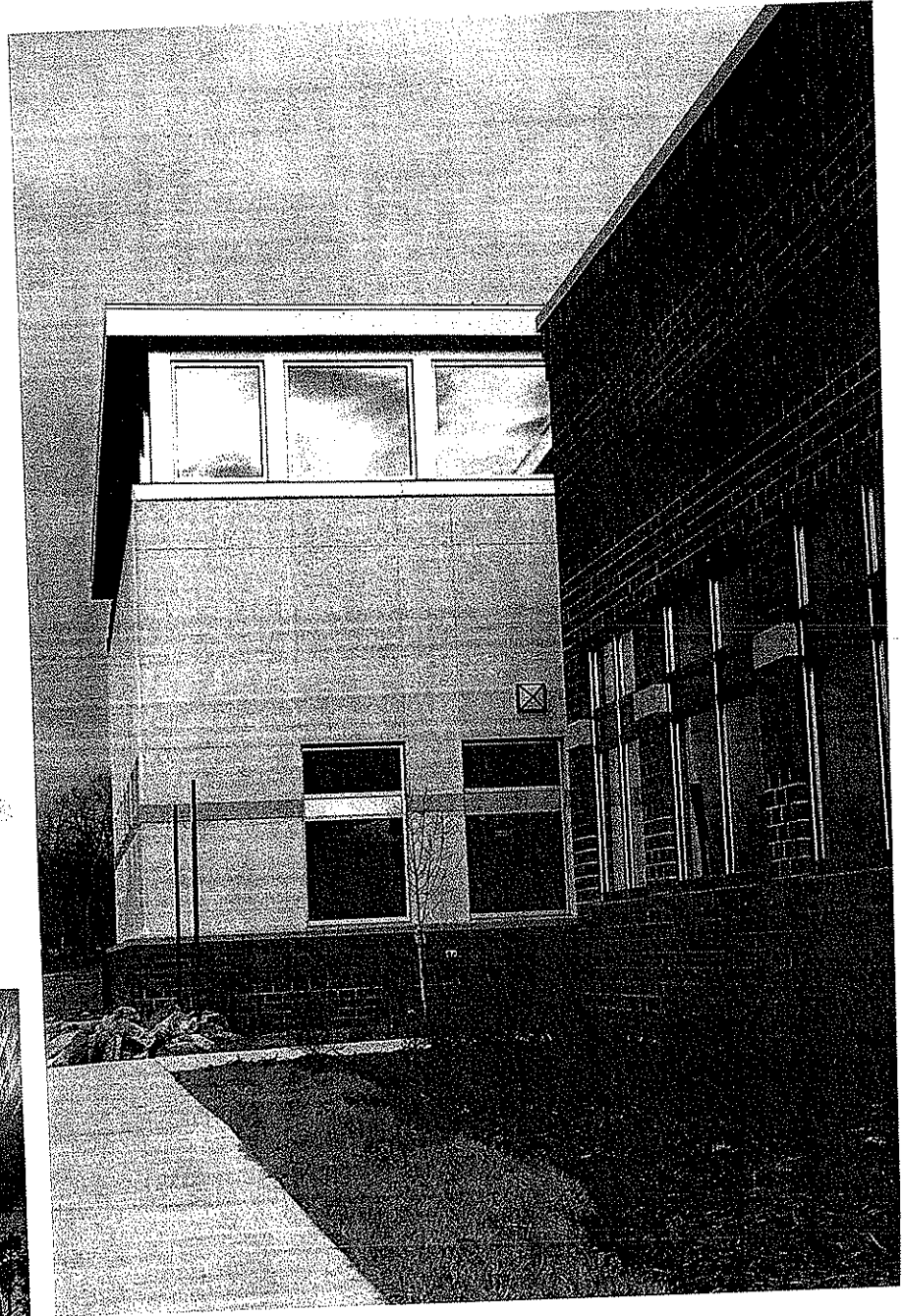
19 West Cork Street, Suite 200, Winchester, VA 22601
Phone: (540) 722-7247; Fax: (540) 722-7248
architect@1designconcepts.com

DESIGN CONCEPTS

Frederick County Animal Shelter



FELINE VIEWING + ENTRANCE
OPTION #4

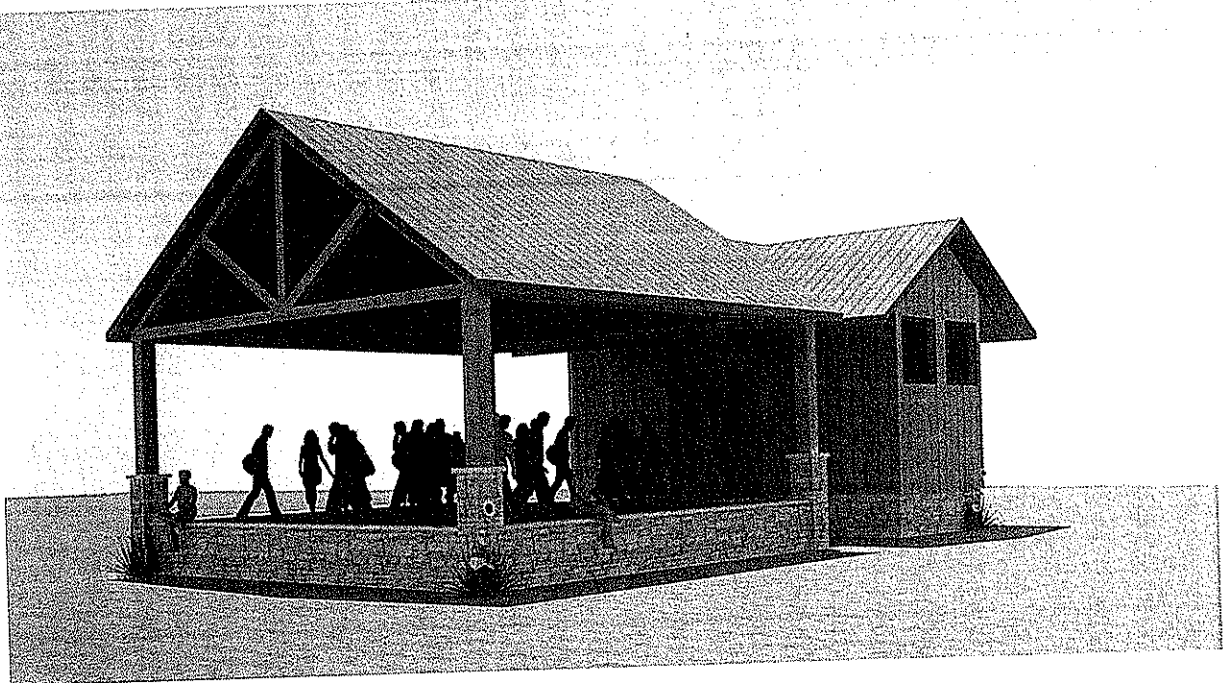


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19 West Cork Street, Suite 200, Winchester, VA 22601
Phone: (540) 722-7247; Fax: (540) 722-7248

architect@1designconcepts.com

DESIGN CONCEPTS



Project:
Stephens City
Pavilion

Size:
One (1) story
building

**Total Square
Footage:**
1,360 SF

**Total Construction
Cost:**
Unavailable

Completed:
Under Design

Stephens City Pavilion Stephens City, Virginia

The Town of Stephens City contacted Design Concepts to design this pavilion for outdoor concerts and events at Newtown Commons. The pavilion will provide a stage for events as well as storage and restrooms.

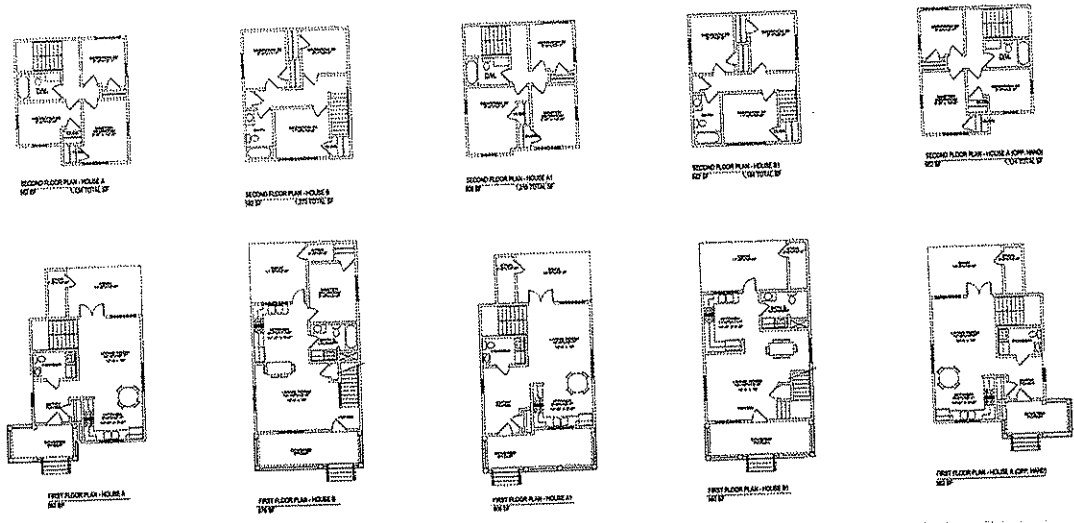
Point of Contact: Mr. Brian Henshaw
Town Planner
Town of Stephens City
1033 Locust Street
Stephens City, Virginia 22655
(540) 869-3087

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19 West Cork Street, Suite 200, Winchester, VA 22601
Phone: (540) 722-7247; Fax: (540) 722-7248

architect@1designconcepts.com

DESIGN CONCEPTS



Project:
Habitat for Humanity

Size:
Two (2) story
buildings

**Total Square
Footage:**
1,200 SF each

**Total Construction
Cost:**
\$75,000

Completed:
Fall 2008

Habitat for Humanity West Wynd Development Stephens City, Virginia

These five (5) lots in the West Wynd Development of Stephens City were designed to create an attractive streetscape. Variations of the floor plan were made to attract different families while maintaining a consistent look. Complementary siding colors and porch details help unite these buildings as well.

Point of Contact: Cheryl Connolly
Habitat for Humanity
P. O. Box 1653
Winchester, Virginia 22604
540-662-7066
cconnolly@habitatwfc.org

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19 West Cork Street, Suite 200, Winchester, VA 22601
Phone: (540) 722-7247; Fax: (540) 722-7248

architect@1designconcepts.com

Comfort Design, inc.

Mechanical - Electrical Design

RESUME

Name: Roger L. Catlett, P.E.
Address: 365 Mule Skinner Lane
Martinsburg, WV 25405

Phone: (540) 665-2846. Company: Comfort Design, Inc., 620 Pennsylvania Ave., Winchester, VA 22601

Experience:

I am the President/Senior Mechanical/Plumbing Engineer for Comfort Design, Inc., Winchester, VA. I have provided mechanical/plumbing engineer designs (heating, air conditioning, plumbing, compressed air systems, high temperature oil systems, low/high pressure steam systems, radiant floor, geothermal heat pump systems, passive solar) for architects, owners (hotels, retreat centers, churches, offices, residential, stores), manufacturing companies (Mobil, Trex, O-Sullivan, Rubbermaid, Rich Products, Midwesco, Rehrig International), school administrations (Winchester-Frederick County Area Schools), contractors and builders in the Virginia, Maryland and West Virginia areas (Howard Shockey & Sons, Minghini's General Contractors, Ricketts Construction and Lantz Construction). I have worked with historic renovation contractors (e.g. Mark M. Newland & Co.). Over 10 years experience in HVAC and plumbing designs for university and educational facilities. I have been a mechanical engineer for over 36 years. Been involved with 2 Platinum LEED certified projects and multiple geothermal jobs.

My current experience includes 18 years with the Army Corps of Engineers with previous assignments as Chief of the Mechanical and Electrical Design Division, Senior Design Manager for large central utility plants/systems (chilled water, potable water, waste treatment, electrical, HVAC, etc.) for military bases and I was senior in-country Mechanical Engineer in Saudi Arabia for 3 years from 9/83 to 8/86, resolving mechanical design problems with residential/industrial/military facilities.

From 5/77 to 3/81, I served as the Chief of the Facilities Engineering Branch for the Defense Fuel Supply Center, Alexandria, VA and prepared designs to meet EPA and OSHA regulations for Government fuel storage terminals.

Education:

- Bachelor of Science Mechanical Engineering, West Virginia University, Morgantown, WV, May 1971.
- Master of Engineering Industrial Engineering, Texas A&M University, College Station, TX, May 1973.

Active Registration:

- Professional Engineer Virginia License 10537; West Virginia License 7546 & Arkansas PE 12311
- Professional Engineer Maryland License 21575, Massachusetts License 43252 & Michigan 6201053472.
- Professional Engineer Pennsylvania License PE061360 & New Jersey P.E. License 24GE04397900.
- Professional Engineer Florida License 60346, New Hampshire License 11474 & Delaware 13999.
- Professional Engineer Connecticut License 25585
- Certified Heat Pump Technician, Refrigeration Service Engineers Society (RSES) Certificate #94110074
- Certified Universal Technician per 40 CFR part 82, subpart F, Proper Refrigerant Services, RSES Certificate #069400027.
- Master HVAC-Gas Fitter and Master Plumber Certified Card No. 2710 017036, Dept of Professional & Occupational Regulation, Richmond Virginia.

Professional Affiliations:

- American Society of Heating, Refrigerating, & Air Conditioning Engineers (ASHRAE)
- American Society of Plumbing Engineers (ASPE)
- Pi-Tau-Sigma, National Honorary Mechanical Eng. Fraternity, 10/20/70.
- Alpha-Pi-Mu, Industrial Engineering Honor Society, 2/28

CLIENT REFERENCES: Contractors: Howard Shockey & Sons, Inc., Focus Construction, Lantz Construction and Ricketts Construction. Architects: Design Concepts, Main Street Architecture, Harne Bowen Architects, Cushwa & Stouffer Architects and Rauhaus Freedenfeld & Associates. Government: Frederick County Department of Public Works, Frederick County Schools (VA) and Jefferson County Schools (WV).

620 Pennsylvania Avenue, P.O. Box 3273
Winchester, Virginia 22604

Voice (540) 665-2846
Fax (540) 665-0038

Comfort Design, inc.

Mechanical - Electrical Design

RESUME

PERSONAL DATA:

Michael F. Howell, P.E.

EDUCATION:

- X Bachelor of Science, Electrical Engineering, Brigham Young University, 1971
- X Master of Science of Administration, George Washington University, 1978
- X Master of Public Administration, University of Virginia, 1985
- X Numerous U.S. Army Corps of Engineers Technical and Management courses.

EXPERIENCE:

- X *April 1995 - Present:*
Principle and Senior Electrical Engineer, Comfort Design, Inc. Winchester, VA.
Prepare electrical power and lighting designs, drawings, and specifications for industrial, commercial, institutional, hotels, retreat centers and housing facilities. Projects successfully completed include Winchester Parking Garage, Calcagnini Retreat Campus, Tuscan Ridge Canaan Lodge, World-Wide Automotive, Walden Foods, Quality Tire, Oak Springs Apartments, Hampton Inn, Westminster-Canterbury Kitchen and Dining expansion, Westminster-Canterbury Assisted Living Facility, Middleburg Bank, Blue Ridge Bank of Inwood, Berryville Medical Office Building, Veterinary Hospitals, Powhatan School Classroom Buildings, Winchester Medical Center Business Offices, Winchester Church of God, Historic George Washington Hotel Renovation, Winchester, VA and other LEED projects for schools and museums.
- X *March 1989 - Present:*
Chief, Electrical Division, Transatlantic Programs Center, U.S. Army Corps of Engineers. Responsible for the work of seven electrical engineers and three engineering technicians. Provide design guidance, resolve technical issues, and assure quality of design for large, multi-facility, multi-hundred million dollar international construction programs. Broad range of experience in power distribution and utilization, exterior and interior lighting, security systems, fire alarm systems, telephone systems, data communication systems, etc.
- X *Jun 1985 - March 1989:*
Senior Electrical Engineer. Prepared original design and reviewed work of other engineers for a wide variety of industrial, institutional, and military facilities. Technical coordinator for the electrical requirements for the Voice of America international modernization program.
- X *July 1971 - Jun 1985:*
Journeyman electrical engineer for U.S. Army Corps of Engineers; Graduate student at University of Virginia; Engineering design project manager, U.S. Army Corps of Engineers; Project Manager for Naval Facilities Engineering Command; Electrical Engineer for construction office at U.S. Naval Academy; Electrical Design Engineer for Naval Facilities Engineering Command.

PROFESSIONAL REGISTRATION:

- X Registered Professional Engineer, Commonwealth of Virginia, 1976 to present.

CLIENT REFERENCES: Contractors: Howard Shockey & Sons, Inc., Focus Construction, Lantz Construction and Ricketts Construction. Architects: Design Concepts, Main Street Architecture, Harne Bowe Architects and Cuswha & Stouffer Architects.

Comfort Design, Inc.
Mechanical – Electrical - Plumbing Designs
620 Pennsylvania Ave.
Winchester, Virginia 22601

Comfort Design, Inc. is a local small-business mechanical and electrical engineering design firm specializing in heating, air conditioning, plumbing and electrical for residential, commercial, public and industrial facilities. Comfort Design was incorporated as a completely separate business in 1995, to better serve the mechanical, plumbing and electrical design needs of the local industry. Comfort Design, Inc. has full mechanical and electrical design liability coverage from a local insurance agent. Copies and certification of coverage limits will be provided for any project requirements. Professional Engineer licenses cover Virginia, Maryland, Pennsylvania, Connecticut, Massachusetts, New Jersey, New Hampshire, Florida, Delaware, Arkansas and West Virginia.

Comfort Design, Inc. is fully automated to prepare electronic design drawings, which are compatible with AutoCAD Version 2009. Specification documents can be prepared on many of the new word processing programs (Microsoft Word, WordPerfect, Works, etc.).

The following is a **partial** listing of projects and clients which mechanical and/or electrical engineering designs have been provided in the past years:

- Calcagnini Retreat, Clarke County, Virginia
- Tuscan Ridge at Canaan Lodge, Davis WV
- Shenandoah Valley Discovery Museum, Winchester, VA, **Platinum LEED (design)**
- Lucy School, Middletown, MD, LEED certification
- John S. Mosby Museum Renovation, Warrenton, VA
- 100 Room, 4 Story, Hampton Inn, Winchester, VA
- Hampton Inn, Virginia Beach, VA
- Hampton Inn, Clearfield, PA
- Hampton Inn, Chesapeake, VA
- Hampton Inn, Inwood, WV
- Hampton Inn, Middletown, DE
- Sleep Inn, Dover, DE
- Towneplace Suites, Stafford County, VA
- Days Inn, Winchester, VA
- Tulane Hotel, Winchester, VA.
- Candlewood Suites, Winchester, VA
- CDA Spirituality Center, Frederick County, VA
- Comfort Inn & Suites, Leesburg, VA
- Comfort Suites, Frederick County, VA
- La Quinta Inn, Frederick County, VA
- La Quinta Inn & Comfort Suites Pool & Banquet Facility, Frederick County, VA
- Westminister-Canterbury Assisted Living Facility, Winchester, VA.
- Westminister Canterbury Elderly Facilities Renovation, Winchester, VA.
- George Washington Historic Hotel Renovation, Winchester, VA
- Country Inn & Suites, Hagerstown, MD
- Fairfield Inn & Suites, Frederick County, VA

- Holiday Inn, Chesapeake, VA
- 82 Apartment Complex, Ashland, VA.
- Hilton Garden Inn, Suffolk, VA
- Hilton Garden Inn, Winchester, VA
- Timber Ridge Gymnasium, Frederick County, VA

As can be seen above, our projects cover a wide variety of specialized facilities and designs. American Disabilities Act, LEED criteria, energy efficiency, maintenance and life cycle costs are a normal part of our designs. By working many years in the local communities (Winchester, Martinsburg, Hagerstown, Warrenton, Manassas, Fairfax, and Front Royal), we have an excellent understanding of local codes and ordinances, and work very closely with local code authorities. Enclosed is the resume of the Senior Electrical Engineer, Mr. Michael Howell, P.E., and myself as the Senior Mechanical Engineer for Comfort Design, Inc. The company has two more Professionally Licensed Mechanical Engineers, a part-time mechanical engineering technician, and a part-time electrical engineering technician.

We look forward to working with you on forthcoming projects. If you have any questions, please give us a call.

Sincerely,



Roger L. Catlett, P.E.
President, Senior Mechanical Engineer
Comfort Design, Inc.
620 Pennsylvania Drive
Winchester, VA 22601
Phone: (540) 665-2846



RESUMES OF KEY PROJECT STAFF



Ronald "Chip" Worley, PE joins the team in an advisory role as the firm's **President and Chief Operating Officer**. In this role Chip is responsible for the design and administration of a variety of civil engineering projects including water, roads, sewerage, drainage, and site development. He specializes in the project management of such work from concept to finished construction. Chip is highly experienced with obtaining funding for various localities and has worked with all available infrastructure and economic development programs.

PORTFOLIO OF PROJECTS

Dam Analysis, Augusta County Service Authority, VA. Providing analysis services for the Coles Run Dam and the Mill Creek Dam in Augusta County under a current term contract with the Augusta County Service Authority. Design work included Preliminary Engineering Reports for the Augusta Dams which included Dam Remediation Plans, Dam Breach Analysis, Hydrological Calculations, Inspection and Assistance with Certification Documents for the Department of Conservation and Recreation (DCR). The reports included different options for Dam upgrades along with cost estimates. Officer-in-Charge.

Water System Model, Town of Purcellville, VA. Involved updating the Town of Purcellville water model and schematic to incorporate developer and Town sponsored infrastructure improvements. The revised model was used to evaluate the impact of proposed development upon the Town's water system. Tasks included review of water plans for compliance, adding as-built information to the Town water schematic and water model, and preparing semi-annual reports for VDH regarding water system improvements. Officer-in-Charge.

Water Improvements PER, Town of Rural Retreat, VA. Prepared a Preliminary Engineering Report (PER) and Environmental Study for several water system improvement alternatives identified in the capital improvements plan. A&A evaluated each alternative by updating the hydraulic model and performing a hydraulic analysis of the alternatives to gage their effects on the Town water system. A&A also performed an environmental review of the project areas in accordance with USDA Rural Development guidelines. The PER summarized alternatives and provided estimated project costs and project planning factors based on current and projected Town water rates. Officer-in-Charge.

Stormwater Management, Southwest Virginia Community College, Richlands, VA. Provided design which includes quality and quantity facilities, designed for Virginia Department of Conservation and Recreation approval. The quality facility was an above ground settling basin while the quantity facility provided subsurface stormwater storage. Officer-in-Charge.

Keswick Country Club, The Hideaway at Keswick, Albemarle County, VA. Project included grading, utilities, pavement design, retaining wall, erosion control, survey, planning commission approval, coordination with architect and landscape architect. Officer-in-Charge

Site Development, New Library, Blacksburg, VA. Site development including grading, utilities, parking lot, and underground stormwater detention system for Montgomery County's new library. Sub to Architect. Project Manger

Water Distribution, Poplar Grove Community, Amherst, VA. Designed 16,000 linear feet of 8 inch and 10 inch water distribution lines to serve the premier golf community of Poplar Grove. Officer-in-Charge.

RESUME

Education: BS/1971/Virginia Tech/Civil Engineering **Registered:** Professional Engineer/1976/VA
Professional Engineer/1991/NC
Professional Engineer/1995/TN
Professional Engineer/1995/WV

Years of Experience: 37 Years



RESUMES OF KEY PROJECT STAFF



Gary Crouch, PE joins the team as **Senior Advisor**. Gary lends his senior environmental, water & wastewater expertise to the project team and is a great asset for advisement. His work has included the planning, design, permitting, and construction administration of both conventional and innovative wastewater treatment facilities, water distribution systems, water treatment and storage facilities, commercial development, landfills, and mined land reclamation.

Gary has experience in all aspects of small community water and wastewater systems, including the preparation of Wastewater Facilities Plans for Floyd, Fries, Glen Lyn, Rich Creek, New Castle, Narrows, and Pearisburg under the EPA 201 program. He has both designed and directed the design of numerous private and municipal wastewater collection systems and treatment plants. This design work includes the evaluation and specification of treatment processes, pump stations, and equipment, and the preparation of construction plans and contract documents.

He is actively involved in the planning, design, and management and operational training on water and wastewater projects. While experienced with conventional treatment technology, his concern for water quality has also led to innovative treatment system designs including subsurface low pressure dosing systems, aquaculture, and spray irrigation. He has worked with the communities and the construction contractors to constantly improve design and introduce changes to improve performance and reduce construction and operating costs.

PORTFOLIO OF PROJECTS

Wastewater Treatment Plant Evaluation, Town of Elkton, VA. Evaluation of the existing wastewater treatment plant in response to increased flow, more stringent permit requirements, new nutrient limits, and existing mechanical and operations problems. Work included projection of flowrates, evaluation of unit processes, and recommendations for the expansion and upgrade of the plant while making maximum use of the existing facilities. The proposed work was phased to address the highest priorities first and allow the work to proceed both as needed and as the funding becomes available. Senior Advisor.

Treatment Plant Evaluation, City of Lexington, VA. Assisted with the evaluation of treatment plant performance during infiltration/inflow conditions. Coordinated the City's efforts in reducing infiltration/inflow to the city sewer system. Project Manager.

Infiltration/Inflow Analysis, Blacksburg, VA. Flow monitoring and field investigation of individual sub-basins within the Town's system. Identification and ranking of sources of I&I and recommendations and cost estimation of corrections. Project Manager.

Inflow/Infiltration Reduction Study, Roanoke, VA. field inspection of system flow monitoring and report preparation to identify sources of I&I to sanitary sewer system. Officer-in-Charge.

Inflow/Infiltration Analysis, City of Lexington, VA. Assisted with the evaluation of treatment plant performance during infiltration/inflow conditions. Coordinated the City's efforts in reducing infiltration/inflow to the city sewer system. Officer-in-Charge.

Inflow/Infiltration Reduction Study, Roanoke, VA. Field inspection of system, flow monitoring, cost evaluation, and report preparation to identify and prioritize sources of I&I to sanitary sewer system. Officer-in-Charge

RESUME

Education: BS/1974/Virginia Tech/Civil Engineering **Registered:** Professional Engineer/VA/1978
Professional Engineer/NC/1991
Years of Experience: 35 Years Professional Engineer/WV/1996
Professional Engineer/TN/1996



PROJECT MANAGER HIGHLIGHT



Mark Gundersen joins the team as **Civil Project Manager**. At Anderson & Associates, Mark has been focused on site development projects primarily for municipal development. He has experience with site development, grading, hydrology and hydraulics, water and wastewater systems, stormwater management, erosion and sediment control and landscape design. His computer skills include AutoCADD Land Development, Pond Pack, Hec-12, Flow Master, Culvert Master, Windows and Excel, in the design of his work.

Mark has recently been working on several projects within Shenandoah County including the North Industrial Park Conceptual Planning, and the new Courthouse and the Human Service Building through which he has developed positive working relationships with the personnel at the County.

PROJECT MANAGER PORTFOLIO OF PROJECTS

Municipal Development, Human Services Building Building, Shenandoah County, VA. This project is a redevelopment/renovation to the existing Safeway building and facilities and is adjacent to the current County Administration Building. A&A services will include surveying, plats, site plan (included geometry design, grading, stormwater management, and erosion and sediment control). Project Manger.

Municipal Development, Districts Court Building, Shenandoah County, VA. Designing a new County Court House facility on approximately 6 acres adjacent to the current County Administration Building. A&A services included surveying, plats, site plan (included geometry design, grading, stormwater management, and erosion and sediment control). Project Manger.

Industrial Study and Recommendations, Shenandoah County North Industrial Park, Shenandoah County, VA. Develop a schematic design for five commercial lots which included preliminary lot layout, utility coordination, grading and stormwater management. A presentation, report and drawings were prepared for Shenandoah County so the lots could be marketed to a number of different clients. Project Engineer.

Jail Study and Recommendations, Rappahannock, Shenandoah and Warren County Jail Report, prepared for Moseley Architects. Report prepared includes the evaluation and recommendations of four individual sites located in Warren and Clarke Counties. Background research included but not limited to preliminary lot layout, grading, soils, and availability of utilities. Project Engineer.

Municipal Development, Town of Elkton, VA, Virginia Sanitary Sewer Erosion and Sediment Control Plan for approximately 3,000 linear feet of Sanitary Sewer. A stop work order by Rockingham County, VA was issued prior to construction. An immediate need for an Erosion and Sediment Control plan was required for DEQ and the County of Rockingham before construction could continue. A complete Erosion and Sediment Control Plan was prepared in a one week time frame and approved by the County. Project Engineer.

Municipal Development, Purcellville E Street Sidewalk Extension, Purcellville, VA. This project is an extension of a previous plan prepared by Anderson & Associates, Inc. to improve drainage and resolve complaints of residents concerning flooding and ascetics. A&A provided surveying, plats, site plan (included geometry design, grading, stormwater management, and erosion and sediment control), and construction phase services. Project Engineer.

RESUME

Education: BS/2001/University of Pittsburgh, Johnstown/Civil Engineering Technology

Years of Experience: 7 Years



RESUMES OF KEY PROJECT STAFF



Joe Pack, PE joins the team as a supporting **Assistant Project Manager**. Joe has over 10 years of experience working on engineering projects throughout West Virginia and Virginia. While his expertise has been with transportation system design, he is experienced with water and sewer design, site design, and structural design, offering extensive knowledge of West Virginia regulations.

PORTFOLIO OF PROJECTS

Water Extension Project, Route 39/Twenty mile Creek, Gauley River PSD, Swiss, WV – Project consisted of the addition of 220 customers, approximately 80,000 lf of water line, 2 water storage tanks (80,000 gallons and 110,000 gallons, respectively), 2 pump stations, and 1 existing pump station renovation to the existing system. Responsible for all aspects of project, from design, preparation of plans and specifications, permitting, bidding and construction management. Project Engineer.

Water Extension Project, Jerry's Fork to Town of Summerville, Gauley River PSD, Swiss, WV – PER and funding applications for project consisting of 580 customers, 110,000 lf of water line, 200,000 gallon water storage tank, and 2 pressure reducing stations. Proposed Funding: RD, SCBG, DWTRF. Project Engineer.

Cowen Industrial Park Project, Cowen, WV – Project consisted of the installation of approximately 10,000 lf of water line, an 80,000 gallon water storage tank, 8,000 lf of gravity sewer line, and the renovation of an existing wastewater pump station. Responsible for guiding project through the bidding process and construction management. Funding: S.A.C. grant. Project Engineer.

Kilsyth Sewer Extension and Treatment Plant Upgrade, Mount Hope, WV. – Project consisted of the addition of 40 customers, approximately 40,000 lf of gravity line, and the upgrade of the existing wastewater treatment plant. Responsible for all aspects of project, including design, preparation of plans and specifications, and permitting. Project Engineer.

Camden Water Line Extension, Camden, WV. Project consisted of the addition of 90 customers, approximately 60,000 lf of water line, a 90,000 gallon water storage tank, and 1 pump station to the existing system. Also, included was the renovation to the existing water treatment plant which included office additions, telemetry controls, media filter replacement, etc. Responsible for all aspects of project, from design, preparation of plans and specifications, permitting, bidding and construction management. Project Engineer.

Bluefield Water System Improvement Project, Town of Bluefield, VA. The project consisted of the upgrade and renovation to the current 1.25 MGD water treatment facility operated by the Town of Bluefield. The project involved the removal/replacement of filter media, finished water pumps, fluculators and Kersey Pump Station pumps, along with the renovation of the plant's laboratory and the construction of a chemical storage room. Project Manager.

Fox Valley Road Water Project, Smyth County, VA. The project consists of installing approximately 17,000 ft of water lines and related appurtenances to extend public water service to areas that do not have access to public water service. Project Manager.

RESUME

Education: BS/1995/Bluefield State College Civil Engineering

Years of Experience: 12 Years

Registered: Professional Engineer/2006/WV
Professional Engineer/2002/VA



RESUME OF KEY PROJECT STAFF



Josh Turner, PE joins the team as **Civil Site Design Engineer** specializing in water, sanitary sewer, and street systems. At Anderson & Associates, Josh has worked on a variety of projects for municipal, commercial development, and private clients. Additionally his experience includes site development and grading, hydrology and hydraulics, stormwater management, and erosion and sediment control design. Josh routinely uses AutoCAD Land Development Desktop/Civil Design in the course of his design work.

PORTFOLIO OF PROJECTS

Whitehaven Drainage Analysis, Town of Dumfries, VA. Review and analysis of the drainage in the Whitehaven Subdivision. Residents were experiencing flooding in lawn and sidewalk areas. Work included a topographic survey, review of the construction plans and field conditions, survey of residents, and final report of findings. The next phase of the project is the design of the recommended drainage improvements. Project Manager.

Site Development, Caroline County Tourism Center, Caroline County, VA. The proposed 3,000sf facility is located off the Carmel Church exit on Interstate 95. This project was funded by the TEA-21 program and included a center, trails, parking facilities, and a private drive. A&A provided surveying, subdivision plat, environmental document, site plans (including design, grading, utilities, drainage, on-site stormwater management, and erosion and sediment control), lighting, landscaping, and construction phase services. Project Engineer.

Site Development, Christ Episcopal Church Addition, Spotsylvania County, VA. Prepared site plans for an 16,600 SF addition to Christ Episcopal Church on a 6.4 acre site in the Historic Spotsylvania Courthouse Area. Plans included grading, parking, stormwater management, erosion and sediment control, utilities, roadway improvements and considerations for future expansion. Project Engineer.

Site Development, Germanna Heights, Orange County, VA. Prepared a General Development Plan for this 85-acre commercial and residential development showing preliminary pad sites, road locations, water lines, sanitary sewer lines, and stormwater management facilities. Project Engineer.

On-Call Surveying and Engineering Term Contract, Town of Dumfries, VA. A&A is currently providing on-call surveying and civil engineering services which include roadway surveys, drainage analyses and improvements, stormwater management, and transportation improvements. Project Manager - Engineering.

Commercial Development Plan, Middletown Virginia. Mr. Turner is on the engineering design team for the Silvestri and Lanzetta project, currently in progress, for a site to include a restaurant and a building to be utilized for retail outlets. The site work includes boundary survey, topographic mapping, grading, drainage, commercial entrance design, and construction staking. Project Engineer.

Site Development, Kilarney Medical Office Building, Spotsylvania County, VA. Prepared site plans for a 8,250 SF medical office building on a 1.2-acre site. This included roadway improvements, grading, drainage, utilities (water and sewer), erosion and sediment control, stormwater management, lighting and landscaping. Project Manager.

RESUME

Education: BS/2001/Virginia Military Institute/Civil Engineering

Years of Experience: 7 Years

Registered: Professional Engineer/VA/2008



RESUMES OF KEY PROJECT STAFF



Chris Fewster, PE joins the team as **Wastewater Engineer**. He has over 19 years of professional design service experience and specializes in water and wastewater systems engineering. He has both designed and managed water and wastewater projects on numerous municipal systems and has worked extensively on treatment and pump station designs. This work has included the design, equipment selection, preparation of construction documents, construction management, start-up, funding, and operational assistance.

PORTFOLIO OF RELATED PROJECTS

Forest and Goodview Elementary Schools, Bedford County, VA. Anderson & Associates, Inc. provided site planning and preparation of construction documents for grading, drainage, utilities, erosion and sediment control, and stormwater management design for two school sites with prototype school buildings, play fields, parking lots, bus loops, access roads, and public roadway improvements. The Goodview site required a major on-site wastewater disposal system with pump station and drainfields, while the Forest site required an off-site sanitary sewer connection. Utility Engineer.

Pump Station, Virginia Tech Corporate Research Center, Blacksburg, VA. Provide engineering services for development of a sanitary sewer pump station in the Corporate Research Center. Includes design and construction administration. Sub to EDC. Project Manager.

Wastewater System Improvements, Town of Elkton, VA. Working for the Town of Elkton to assess and improve the Town's sewage treatment system because of anticipated growth and possible nutrient limits for total nitrogen and phosphorous in the future. The scope of services to date has included the preparation of a Preliminary Engineering Report (PER) that addresses expansion and upgrades to the existing wastewater treatment plant, including future anticipated nutrient removal. We have also worked with the Town to identify existing collection system needs and deficiencies, prepare a rate study, and assist them with the renewal of the existing Virginia Pollutant Discharge Elimination System (VPDES) permit. Pending work includes the preparation of plans and specifications for installation of sludge dewatering equipment and site electrical improvements and a pump station PER. Project Engineer.

PER for Water and Sewer Systems, Town of Iron Gate, VA. Evaluated the Town's water and wastewater systems in terms of infrastructure and housing. Prepared a PER that addressed the water and sewer system needs in the area. Included mapping, inventory, identify I/I problems and solutions, and systems analysis. Project Manager.

Infrastructure & Inflow (I&I) Training, Public Works Department, Alleghany County, VA. Prepared presentation materials for the training session and presented a session that addressed the sources of I&I in manholes, how to identify the deficiencies, and the types of repairs that can be performed. The presentation was followed by a field inspection of several manholes.

Comprehensive Water and Sewer Study, Bedford County, VA. 604B funded study to develop a 20 year long range plan to meet water and sewer needs county-wide. Project Engineer.

Onsite Sewage, VDOT Fairystone, VA. Prepared designs and calculations for a sanitary drainfield. Work included: preparing a preliminary plan, designing calculations for the pump station and force main to the onsite sanitary drainfield, and preparing a final design of the pump station in compliance with the Virginia Department of Health (VDH) regulations. Sub to architect. Project Manager.

RESUME

Education: BS/1989/Old Dominion University/Civil Engineering

Years of Experience: 19 Years

Registration: Professional Engineer/VA/1994



RESUMES OF KEY PROJECT STAFF



Kimberly Rennick, CLA joins the team as **Landscape Architect**. Kimberly has a background in the arts, development, and public relations. After a number of years in the museum and development fields, she earned her Master's degree in Landscape Architecture from Virginia Tech, where she graduated with honors. Since joining A&A, Kimberly has participated in streetscape improvement projects, park planning and design, trail design, and preliminary engineering studies. Her experience is highlighted below:

PORTFOLIO OF PROJECTS

Rt. 220 Beautification Project, Iron Gate, VA. Anderson & Associates, Inc. conducted a field survey and developed a master plan and construction documents for streetscape improvements along the Town of Iron Gate's central corridor, Market Avenue / Route 220. This corridor is heavily traveled, serving as the Town's central business district as well as a primary road to points north and south of Iron Gate. The project was funded in 2006 by a grant awarded by the Alleghany Foundation. The master plan and subsequent construction documents developed by Anderson & Associates, Inc. built on an earlier conceptual plan and addressed traffic issues and definition of place along the corridor. The primary components of the project included the introduction of traffic calming elements and development of a comprehensive design and palette of curbing, paving materials, signage, banners, and landscaping. Additional sidewalks and pedestrian safety considerations were also essential elements in the design. Landscape Architect.

Streetscape Design Guidelines, Old Town Primary & Secondary Districts, Winchester, VA. Anderson & Associates, Inc. developed Streetscape Design Guidelines for the City of Winchester's Old Town Primary and Secondary Districts. A&A facilitated a series of public input sessions designed to generate information regarding user needs, District strengths and character, problem areas or concerns, preferred styles, and improvement priorities. The public input sessions were well-attended and provided feedback from District users, business owners, city personnel, the general public, and more. This information formed the basis for the design guidelines developed by Anderson & Associates, Inc.. The guidelines included general spatial and design parameters for site furnishings, ground plane treatments, focal points, gateway designs, and landscaping, as well as conceptual designs for overall streetscape improvements, ground plane treatments and gateways, and a comprehensive list of potential site furnishing products and vendors. Landscape Architect.

Urban Trail Extension/Grove Avenue & Main Street Master Plan, Radford, VA. A&A prepared a master plan for the City of Radford for the Grove Avenue, Main Street, Tyler Avenue, and 3rd Street loop. Earlier master plans prepared by A&A and the City of Radford for two TEA-21 applications included sections of this larger project site area. The smaller master plans, which successfully received TEA-21 funding, were revisited and synthesized into a comprehensive master plan for the area. A&A also prepared cost estimates for the overall plan that may be used in future funding applications. Landscape Architect.

County Plan Reviews, Bedford County, VA. Under our term contract agreement with the County, Anderson & Associates, Inc. provides support to the Bedford County Community Development and Planning department by reviewing subdivision plats and site plans submitted by developers for compliance with the zoning and subdivision ordinances and good engineering practice. A&A also provides review comments for distribution to the design engineers and surveyors. Project Landscape Architect.

RESUME

Education: BA/1994/Randolph Macon/Arts Management and Literature
MLA/2003/Virginia Tech/Landscape Architecture

Registered:

Certified Landscape Architect/VA/2006

Years of Experience: 4 Years



RESUMES OF KEY PROJECT STAFF



Jay McGuire, PE joins the team as **Recreational/Transportation Engineer**. Jay is an important member of Anderson & Associates' Transportation Design Team. His primary focus has been on recreational and multi-use trail systems. Jay has experience with pedestrian bridges, including pre-fab, and ADA requirements for trails. Jay is experienced in AutoCAD, Microstation, and road design software.

PORTFOLIO OF RELATED PROJECTS

Interchange Study, US Route 460, Virginia Tech, Blacksburg, VA. Anderson & Associates, Inc. was commissioned by Virginia Tech to undertake a limited study of a new interchange that would serve Virginia Tech, the Virginia Tech Corporate Research Center (CRC), and the Virginia Tech/Montgomery County Airport. A&A began by evaluating existing traffic flow patterns and anticipated growth around the CRC and airport. From the evaluation, A&A developed two preliminary roadway concepts for a new interchange with US Route 460 and new roadways to connect to and serve the Virginia Tech campus, Athletics Complex, Corporate Research Center, and airport. Roadway conceptual plans included potential lane use diagrams, intersection concepts, and potential traffic control devices needed. Conceptual plans included appropriate roadway geometric design criteria, consistent with both the Virginia Department of Transportation's (VDOT) Road Design Manual and the American Association of State Highway and Transportation Official's Policy on Geometric Design (AASHTO Green Book, 2000 Edition). Project Manager.

Roadway Design, VDOT, US Route 250, Highland County, VA. Design for 3 miles of two-lane, undivided, rural highway with truck climbing lanes in mountainous terrain. Responsibilities included driveway design, establishing proposed right of way, drafting drainage items, developing field inspection plans, composing meeting minutes, preparing citizen information meeting displays, and reviewing citizen comments. Project Engineer.

Roadway Design and Surveying, VDOT, Interstate 77, Wythe County, VA. This project included the feasibility study and design for the replacement/widening of the 1,800' long and 200' high I-77 dual structures over the New River in Wythe County, Virginia. Anderson & Associates, Inc. performed highway and bridge surveys for this project. Crews used a snooper truck to gather survey data underneath the structures. A hydraulic survey was also performed of the river bottom. A&A was also responsible for the highway design of bridge approaches, maintenance of traffic plans, and sequencing of construction for final construction plans. Project Engineer.

Hatcher Avenue Water Line Improvements, Town of Purcellville, VA. Providing surveying, engineering, bidding, and construction contract administration services for the upgrade of approximately 1,100 linear feet of existing water line along Hatcher Avenue to an 8 inch water line. Project Manager.

Huckleberry Trail, Montgomery County, VA. For this TEA-21 project, a six-mile walkway/bikeway connecting Blacksburg and Christiansburg in Montgomery County, Jay designed 3 miles of trail facilities, including two pre-fabricated pedestrian bridges. ADA requirements were essential to the success of this project, as well as coordination between the three government bodies involved in the project. He was also responsible for the contract documents and construction administration. Project Engineer.

Third Winchester Interpretive Plan, Winchester, VA. The Third Winchester Interpretive Plan helped the Civil War Preservation Trust (CWPT) develop and implement the interpretation of the 222-acre parcel the CWPT owns at the Third Winchester battlefield. Project Engineer.

RESUME

Education: BS/1994/Virginia Tech/Civil Engineering

Years of Experience: 14 Years

Registration: Professional Engineer/VA/1999



RESUMES OF KEY PROJECT STAFF



Joe Parrish joins the team as **Environmental Scientist**. As a member of A&A's Environmental Team, Joe has performed numerous environmental site assessments and environmental impact reviews for municipal and private clients, as well as for state agencies. He has performed these assessments for many diverse projects, including utility projects, industrial parks, colleges and universities, and private development. He brings this broad range of expertise to each new project and knows the permitting and funding agency systems for approval.

PORTFOLIO OF PROJECTS

Well #3 Development, Craig-New Castle PSA, VA. Determined the location of a new potable water well using fracture trace analysis. We prepared specifications and coordinated drilling and yield testing for a 500+ gpm well. We are prepared plans and specifications for development of the well and connection to the PSA's water system. Construction performed as force account by the PSA. Environmental Scientist.

Raphine/Fairfield Sewage Collection and Conveyance System, Rockbridge County PSA, VA. This project included the upgrade and replacement of approximately 4.7 miles of an existing sewer trunk line, the installation of 3 pump stations and 3 force mains, with an approximate total length of 6 miles and new sewage collection lines with an approximate length of 9.2 miles. Additionally, this project included approximately 1.5 miles for a new water transmission main to provide more reliable service to the North Lexington Water System. Mr. Parrish was responsible for performed wetland delineation along the proposed wastewater gravity collection and force main alignment. Environmental Scientist.

Environmental Report, Montvale Water Company, Bedford County, VA. An Environmental Report (ER) was conducted concurrently with the preparation of a Preliminary Engineering Report (PER) for the proposed water system improvements to the Montvale Water Company, Inc. infrastructure. The purpose of the ER was to identify potential impacts to natural and cultural resources that could result from the proposed water improvement alternatives. Environmental Scientist.

Environmental Assessment, Proposed Water Improvements, New Castle, VA. Assessment of the environmental impact of proposed water improvements in New Castle, VA. Environmental assessment prepared according to USDA Rural Development guidelines. Environmental Scientist.

Environmental Assessment, Proposed Water and Wastewater Improvements, Floyd, VA. Assessment of the environmental impact of proposed water and wastewater improvements. Environmental assessment prepared according to USDA Rural Development guidelines. Environmental Scientist.

Environmental Site Assessment, Job Corp Wastewater Pumpover, Jefferson County, WV. Assessment of the environmental impact of proposed pump stations and force main to replace wastewater treatment plant at Jefferson County High School and Harper's Ferry Job Corp Center. Environmental assessment prepared according to NEPA guidelines. Environmental Scientist.

VPDES Discharge Permit and Sewage Sludge Permit Application, Montgomery County Public Service Authority, Montgomery County, VA. Prepared VPDES Discharge and Sewage Sludge Permit Applications for three Wastewater Treatment Plants (WWTP) in Montgomery County. Prepared Sludge Management Plan (SMP) per Virginia Department of Health (VHD) guidelines. Assisted with design of land application system, which utilizes a portable drying press, one central storage location and one land application site.

RESUME

Education: BS/1993/Virginia Tech/Crop & Soil Environmental Sciences

Years of Experience: 14 Years

Anderson & Associates, Inc.



RESUME OF KEY PROJECT STAFF



Brian Garrett, LSIT joins the team as **Survey Manager**. Brian has been with Anderson & Associates since 2000 and has served as a rodman, instrument man, drafter, and party chief and has experience with GPS. He provides day-to-day supervision and direction to field crews and in-house CADD operations, as well as quality control reviews. As Survey Manager he has successfully managed a number of large projects including boundary, location, Alta, and topographic surveys.

PORTFOLIO OF PROJECTS

VDOT Welcome and Visitor's Center, Clear Brook, VA. Professional services for Best Management Practices (BMPs) as well as review site drainage conditions on this LEED® Accredited Design Project. Survey work was also provided by A&A both with the initial construction staking and final record drawings. Assistant Survey Manager.

Construction Staking, Fort Belvoir Community Hospital, Arlington, Virginia: Anderson & Associates, Inc. is providing surveying and building layout services for a 950,000 square foot hospital project located on Fort Belvoir, Virginia. A&A is providing these services to the project contractor, Turner Gilbane joint venture. The scope includes construction staking for retaining walls, aggregate piers, and building layout for five multi-floor buildings and two multi-floor garages. Additionally, site-plan record drawings (as-builts) will be prepared at the conclusion of the project for the above ground features (buildings, light poles sidewalks, curbing, parking lots, water valves and hydrants, storm structures, and sanitary manholes). A&A has worked with Turner Gilbane on several projects in the past. Assistant Survey Manager.

James Hardie Building Products Plant, Pulaski, VA. Anderson & Associates, Inc. assisted the Town in their process of recruiting James Hardie Building Products to construct a manufacturing facility in the existing Pulaski Business Park, which had not yet seen its first tenant. A&A played many roles, and was involved in a wide range of duties including negotiations, surveying, design, building assistance, assistance with funding applications, and inspection. Other responsibilities performed included designs for water main relocation, sanitary sewer extension, off-site regional stormwater management facilities, industrial access road, industrial rail spur, extensive surveying, and preparation of multiple plats. This project was the winner of the American Council of Engineering Companies Engineering Excellence 2007 Merit Award. Party Chief.

Stormwater Survey, Virginia Tech, Blacksburg, VA. Anderson & Associates performed a complete inventory, location, and assessment of the storm structures on the entire Tech campus (approximately 1,000 acres). A&A used the base mapping and divided the campus into areas. An access database was created with structure details, X/Y/Z coordinates, and a digital picture all linked together in a GIS compatible form. In addition to the storm structures, all ponds, channels, and ditches were located and cross-sections performed where necessary to complete the information needed for the hydraulic analysis and storm model. Party Chief.

Survey On-call Support, Purcellville, VA. Providing surveying services on an on-call basis in support of the immediate needs of the Town's Engineering Department. Assistant Survey Manager.

On-Call Surveying and Engineering Term Contract, Town of Dumfries, VA. On-call surveying and civil engineering services which include roadway surveys, drainage analyses and improvements, stormwater management, and transportation improvements. Assistant Survey Manager.

RESUME

Education: BS/2000/Virginia Tech/Forestry **Registered:** Land Surveyor-in-Training/VA/2004

Years of Experience: 10 Years



RESUMES OF KEY PROJECT STAFF



Bryan Powell joins the team as **GIS Technician**. Bryan has been with A&A since 2003. He has extensive experience with parcel mapping, database conversion and map creation. Bryan is knowledgeable in utilizing all ArcGIS components, ArcIMS, and many other GIS related software packages.

PORTFOLIO OF PROJECTS

GIS Technician, Stephens City, Virginia. Designed their Utilities Geodatabase and imported all GPS features into it. Joined field collected data to the GIS features and QA/QC the entire project. Hyperlinked digital images to GPS features and stored images into a raster catalog within the Geodatabase. Used Topology Rules to assure line connectivity. Senior GIS Technician.

GIS Technician, City of Winchester, Virginia. Designed their Utilities Geodatabase and helped QA/QC the existing imported data. Used Topology Rules to assure line connectivity. Set up Mapbook so that revised maps could be plotted out efficiently. Senior GIS Technician.

GIS Development, Town of Warrenton, Virginia. Anderson & Associates has developed several simple instruction base "How To" documents to help ease Warrenton's GIS coordinator into the new GIS software. These "How To" documents are step by step instructions, including screen captures, of various procedures commonly used in GIS. Senior GIS Technician.

GIS Technician, Rockbridge County, Virginia. Updating the County parcel mapping with parcel splits via plat information, conflated areas within the initial parcel layer to newer VGIN (2002) imagery, imported and organized all parcel related layers into a geodatabase, prepared parcel layers for inclusion in a Mapbook project to plot revised Tax Maps including feature linking annotation to all parcels, performed quality control through project. Senior GIS Technician.

GIS Technician, Bedford City, Virginia. Conflated water lines, conflated and updated parcels. Wrote Mapguide tutorial for City employees. Senior GIS Technician.

GIS Technician, Virginia Tech, Virginia. Performed Interstate inventory mile segments for Virginia Department of Transportation and Virginia Tech for inclusion on WebGIS. Senior GIS Technician.

GIS Technician, County of Monroe, West Virginia. Designed a geodatabase to store their E-911 data. Reviewed the initial data for preparation to begin assigning Emergency Service Zones and E-911 addresses. Designed a Web application through ESRI's ArcServer for client to view and query all related data. Senior GIS Technician.

GIS Technician, Franklin County, Virginia. Migrated 38,000 paper land parcel tax records to digital mapping format with GIS software. The project consisted of georeferencing scanned maps, digitizing parcel lot lines, conflating to the VGIN aerial imagery and quality control. Senior GIS Technician.

GIS Technician, Franklin County, Virginia. Prepared data for printing in mapbook and customized mapbook to create tax maps. Senior GIS Technician.

GIS Technician, Bath County, Virginia. Currently updating the County tax parcel splits. Performed database linking. Senior GIS Technician.

RESUME

Education: BS/2001/Virginia Tech/Natural Resources Wild Life Science

Years of Experience: 5 Years



RESUMES OF KEY PROJECT STAFF



Eugene Tewalt joins the team as **Site Inspector** specializing in inspection and construction administration services. Gene began his career as a surveyor in 1961 and then focused his education and professional experience to the field of civil engineering. His experience includes serving as a Director of Public Works, Zoning Administrator, and Project Engineer on many engineering and construction projects in water, sanitary sewer, storm drainage, buildings and streets, and recreational facilities. Since joining Anderson & Associates, Gene has been serving on project teams providing his construction administration expertise.

PORTFOLIO OF PROJECTS

Wastewater Treatment Plant, Town of Round Hill, Loudoun County, VA. Expanded the existing plant from 200,000 gpd to 500,000 gpd. Prepared plans, specifications, and design calculations. Design included screening and grinding equipment, an aerated grit lift system, a sequencing batch reactor treatment system with post-equalization, filtration equipment, a UV disinfection system, post aeration and metering, and an onsite pump station. Project Engineer.

Town Run Utilities, Winchester, Virginia. Mr. Tewalt provided construction administration services for this complex interdisciplinary project located in the central business district of the City. The project involved replacement of 1 mile of sanitary sewer ranging in size from 10" to 18", construction of ½ mile of 10" water main and ¼ mile of storm sewer, ¼ mile of roadway reconstruction, replacement of four traffic signals, construction of ½ mile of decorative street lighting, and burying ½ mile of overhead utilities. Extensive public outreach and communications efforts occurred as well as extensive planning for maintenance of traffic through construction areas. Project Engineer.

Sidewalk Design & Construction Administration, Town of Stephens City, Virginia. Through the use of a TEA-21 grant, this town of 1,200 persons requested the services of Anderson & Associates for the design of the town's additional 5,000 feet of sidewalk. Currently, A&A is assisting with Phase II of the project which is incorporating additional streetside survey and drainage improvements. Mr. Tewalt is involved with the contract administration portion of this project. Project Engineer.

On-Call Engineering Services, Town of Purcellville, VA. Anderson & Associates is providing on-call engineering and surveying services for review of prospective water/sewer projects, sidewalk projects, GPS surveying of existing utilities, water and sewer line projects, and roadway and sidewalk improvements. Project Engineer.

Commerce Park Access Road, Winchester, Virginia. Anderson and Associates planned and designed a 3,000' portion of a 4-lane access road through a commercial development area. Design incorporated drainage and utilities. In addition construction documents are being prepared for project completion. Project Inspector.

2.0 MG Elevated Storage Tank and Water Line Extension, Woodstock, Virginia. Performed construction administration and inspection for the development of a 2 million gallon tank for the rural town of Woodstock, Virginia. This locally budgeted \$1.9 million project was the first composite style tank to be created in the Eastern Region of the United States. Its concrete base and metal top are the cutting edge of water tank design. Project Engineer.

RESUME

Education: 1964/Intd. Correspondence School/Highway Engineering
1967/Intd. Correspondence School/Civil Engineering

Years of Experience: 45 Years

I. Introduction to Anderson & Associates, Inc.

A. Firm Overview



Anderson & Associates, Inc. has been providing quality engineering, surveying, planning, and landscape architecture services since the firm was founded in 1968. We have cultivated an operating philosophy driven by our employee-owners' commitment to client satisfaction and our dedication to innovation. From transportation and environmental engineering to land development, utilities, surveying, and GIS development, Anderson & Associates delivers comprehensive solutions, not just designs.

Clients & Projects

A&A emphasizes responsiveness and close attention to client needs through its four offices in Virginia, West Virginia, and North Carolina. The firm focuses on planning, design, and construction contract administration for public and private clients, including state, municipal, institutional, industrial, and recreational projects. Key business sectors include:

- Municipal Engineering
- Transportation
- Surveying
- Geospatial (GIS, Mapping)
- Creative Services
- Site/Civil Engineering
- Environmental Engineering
- Environmental Studies
- Landscape Architecture & Planning

ESOP

A&A is proud to be 100% employee-owned through an Employee Stock Ownership Plan (ESOP). As owners in the company, each employee understands the collective impact of his or her performance. Our model of project teams, professional development, and employee-ownership translates to a culture of efficiency, quality, and excellence. This emphasis, in turn, generates value-added benefits for our clients.



Teamwork & Quality Assurance

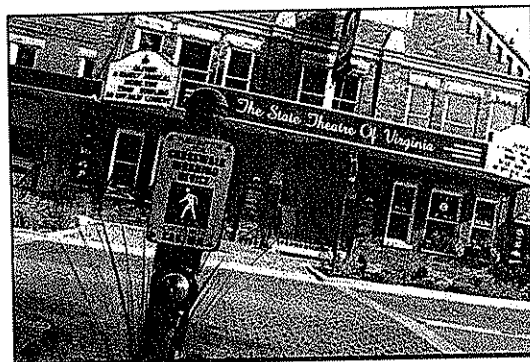
At A&A, teamwork is our foundation. Project teams, led by qualified professionals, work as mini-corporations under the A&A corporate umbrella. Officers of the company, all seasoned veterans in their field, provide guidance and quality control. Project managers serve as the primary point of contact for our clients, making it easy for you to find the person in charge. Technical staff are supported by an administrative network equally invested in the company's success. From the individual project teams to the Employee Stock Ownership Program, our teamwork approach motivates all employees to strive for excellence.

B. Firm Service Offerings

Municipal Engineering

From daily operations to emergency needs to anticipating regional growth, the demands on today's municipal management and staff are enormous and often require a team approach. Anderson & Associates, Inc. has been helping municipalities achieve their goals for infrastructure and citizens alike for over three decades. Our team is practiced in designing solutions—not just projects. Taking into consideration your locality's unique circumstances and your specific goals, we develop a response that addresses funding assistance, public information dissemination, and operational sustainability as well as engineering features. We work as a partner with you to ensure your ability to serve your many constituents.

- Water Storage, Modeling & Distribution
- Wastewater collection & Pumping
- Roadways and streetscapes
- Parks and Recreational Facilities
- Utilities & Utility Relocation
- Funding Assistance
- Rate Studies
- Construction Related Services



Site/Civil Engineering

Anderson & Associates has extensive experience in all aspects of land development projects. A&A's expertise covers a broad range of educational, commercial, industrial, institutional, residential, and recreational projects. Our engineers are versed in planning and design, and strive to go above and beyond the role of a stereotypical engineer by completing all aspects of design as well as facilitating the political processes often involved in development projects. More than just designers, we are facilitators, guiding the development process to secure timely approvals and permits from appropriate review agencies.

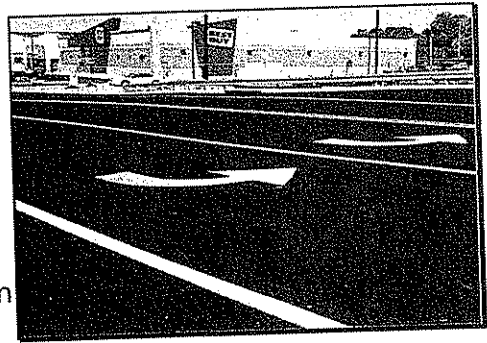
- Preliminary Site Planning
- Stormwater Management Systems
- Erosion & Sediment Control
- Zoning Assistance
- Construction Plan Preparation
- Public Involvement
- Permitting
- Construction Related Services



Transportation

Bikers and walkers, trains and automobiles—Anderson & Associates provides planning and design services for projects that move people and product. We have been in this business for over 30 years, assisting in the rigorous practice of building transportation systems for local, regional, and state agencies. A&A designs incorporate sound technical expertise combined with thorough knowledge of funding source and sponsor agency requirements. We deliver solutions that meet current demands while anticipating long-term goals. Rail, road, and pedestrian movements—the mode of transportation may vary, but the goal remains the same—to provide a safe and efficient means of travel for the public.

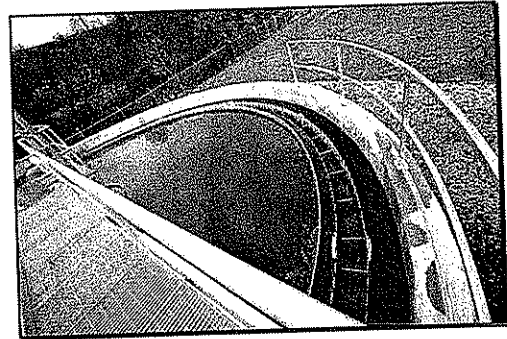
- Urban & Rural Roadways
- Railroads
- Pedestrian Facilities and Recreational Trails
- Bus Transit Planning
- Construction Related Services
- Funding
- Public Involvement
- Engineering, Drainage, and Structural Design



Environmental Engineering

Anderson & Associates has been resolving water and wastewater treatment and compliance issues since our founding in 1968. Our expertise in this area includes studies, design, construction inspection, construction contract administration, and operation assistance related to all components of water and wastewater treatment systems. Facilities have ranged in size from 1,000 gallons-per-day to 13.5 million gallons-per-day. We supply regulation compliance and funding assistance for localities of all sizes including regional agencies.

- Water Treatment
- Inflow & Infiltration Studies
- Wastewater Treatment
- Regulatory Compliance
- Operation Assistance
- Funding Assistance
- Construction Related Services



Surveying

Anderson & Associates, Inc. began as a Civil Engineering and Surveying firm, and has been providing professional surveying and mapping services since 1968. Our teams' methods and precision impact the entire project from the initial property owner notification, through delivery of the final base mapping, construction stakeout, and topo for final quantities. A&A survey crews provide professional surveying services for roadway, railway, airport, bridges, utility, and regional mapping projects as well as aerial and natural resource mapping. We equip ourselves with first-rate equipment, AutoCAD, and land development computer-aided drafting and design software in order to deliver top-notch service.

- Roadway & Bridge Projects
- Railroad Projects
- Airport Projects
- Land Development Projects
- GPS Control Surveys
- Property Boundary & ALTA/ACSM Surveys
- Highway, Municipal, Pipeline & Tunnel Construction Layout
- Single-Story & Multistory Construction Layout

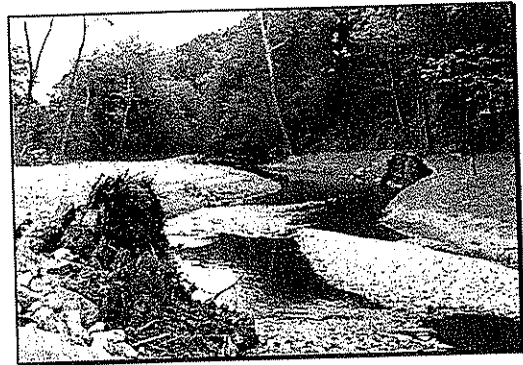


Environmental Studies

Projects today require diligent compliance with current regulations and reconciliation of past land uses. Anderson & Associates evaluates your projects for concerns such as past contamination and addresses those issues, all within a frequently shifting regulatory framework. We circumvent unnecessary delays through early consideration and integration of the environmental component and proactive agency involvement, informed

by an understanding of critical steps in various review and permitting processes. Our employee-owners attend conferences, study technical literature, and communicate directly and regularly with agency staff in order to provide you with cost-savings and funding opportunities while managing environmental concerns.

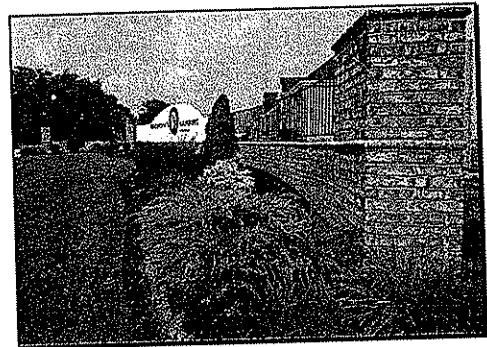
- Environmental Site Assessments
- Environmental Assessments
- Regulation & Policy Interpretation
- Solid Waste Management
- Landfill Design & Permitting
- Underground Storage Tanks
- Permitting & Compliance
- Wetland & Stream Delineation
- Wetland & Stream Permitting & Mitigation



Landscape Architecture & Planning

At Anderson & Associates, our Landscape Architecture team assumes a leading edge with many projects that require a comprehensive planning and design approach to the intersection of natural and built environments. A&A can develop master plans that meet both the passive and active development needs of the client. We can integrate pedestrian and alternative transportation needs into comprehensive municipal plans, study and plan for recreational facilities, and provide complete design services for residential communities. Our landscape architects' extensive training and broad combination of skills provide an environmental understanding and technical expertise that provides aesthetic, functional, environmental, and economic benefits to all of our clients' projects.

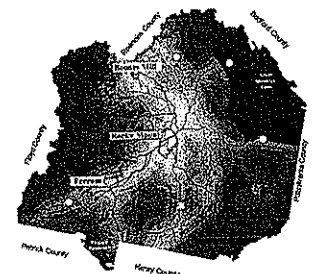
- Recreational & Park Planning and Design
- Downtown Streetscape Improvements
- Bikeway & Walkway Planning and Design
- Greenway & Blueway Planning and Design
- Master Planning
- Site Planning
- Landscape Design
- Grant Applications & Administration



Geospatial

Geospatial tools combine geography or location with critical datasets to assist in planning or daily operations. Geographic Information Systems (GIS) contributes to the enhanced analysis and management capabilities for many municipal or regional agencies. Anderson & Associates has been providing geospatial solutions since 1996- embracing and promoting the powerful research and visual solution advantage of GIS. Let A&A implement GIS Solutions that will meet your current and future needs and help you efficiently serve your citizens or clients.

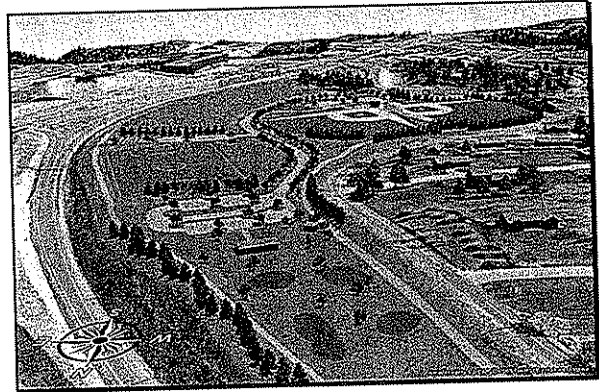
- Utility Mapping
- Data Collection
- Map Migration
- Asset Management
- Database Design
- Parcel Mapping
- Web GIS
- E-911



Creative Services

Anderson & Associates' Creative Services Team, established in 1996, specializes in visual information strategies and tools to help you present objectives and accomplish goals. A&A is experienced in simulating proposed developments, as well as helping municipalities provide citizens with easy and immediate access to news and information. From computer 3-D models and animations to web development and hosting, the Creative Services Team provides clients with compelling way to capture and communicate ideas.

- Website Hosting
- Website Development
- Website Design
- Computer Simulations
- Computer Animations



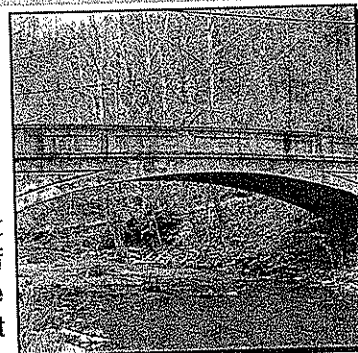
Project Examples

The follow section contains project examples which display an array of our experience in our various disciplines – wastewater, recreational, master planning, transportation, landscape design, general civil design, and environmental services. Please note that we are able to provide additional project examples upon request.

AMIGO DEVIL'S FORK WASTEWATER PROJECT, Amigo, WV

The project involves the compilation of a feasibility study to determine the best course of action to provide wastewater collection and treatment service to approximately 50 customers in the Amigo area who currently have no wastewater treatment in the area.

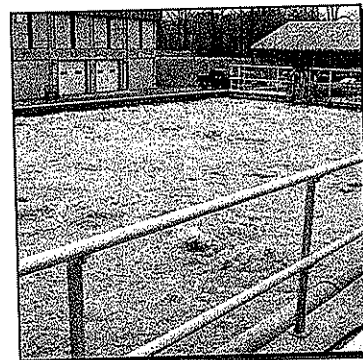
This study will look mainly at various combinations of treatment and collection options and will be the basis for determining the most cost efficient and environmentally friendly means of serving the citizens of Amigo with reliable wastewater service. These options will include investigations of traditional and innovative collection and treatment options.



Reference:	Firm's Responsibilities:	Completion Date:	Total Project Cost:
Upper Guyandotte Watershed Association 300 Front Street Mullens, WV 25882 Kelly Jo Drey-Houck, Executive Director 304.294.8966	Wastewater Feasibility Study	2006	\$8,000,000

WASTEWATER SYSTEM IMPROVEMENTS, Elkton, VA

Anderson & Associates, Inc. is working for the Town of Elkton to assess and improve the Town's sewage treatment system because of anticipated growth and possible nutrient limits for total nitrogen and phosphorous in the future. The scope of services to date has included the preparation of a Preliminary Engineering Report (PER) that addresses expansion and upgrades to the existing wastewater treatment plant, including future anticipated nutrient removal. We have also worked with the Town to identify existing collection system needs and deficiencies, prepare a rate study, and assist them with the renewal of the existing Virginia Pollutant Discharge Elimination System (VPDES) permit. Pending work includes the preparation of plans and specifications for installation of sludge dewatering equipment and site electrical improvements and a pump station PER.

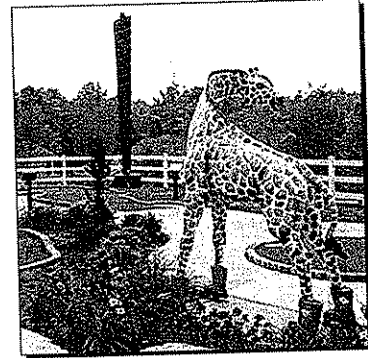


Anderson & Associates, Inc. continues to work closely with the Town to provide operational assistance related to the wastewater treatment plant, including frequent inspections to determine the progress made in the implementation of recommended projects, assistance with regulatory issues and infiltration/inflow studies.

Reference:	Firm's Responsibilities:	Completion Date:	Total Project Cost:
Town of Elkton 173 W. Spotswood Avenue Elkton, VA 22827 Mr. Lee Dearing, Vice Mayor 540.298.1951	Preliminary Engineering Report, Rate Study, Operational Assistance	2006	\$8,000,000

RECREATIONAL IMPROVEMENTS, Victory Junction Game Camp, Randolph County, NC

In February 2006, Victory Junction Gang Camp requested site design for a three-story treehouse, 4,250-sf activity maze, and nine-hole miniature golf – all ADA accessible. The set construction finish date was June 1, 2006. Anderson & Associates was responsible for all site design, grading and drainage, water/sewer design, erosion control planning, permitting and watershed plan revisions.



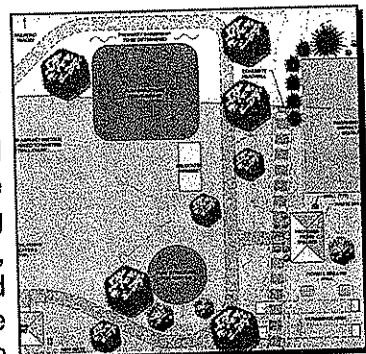
At A&A's recommendation pervious pavement was incorporated into the design of the activity maze. This aided in achieving a level surface for the swinging gates (maze has multiple swinging gates to offer 5 different maze configurations), eliminating potential ponding, and providing both a textured surface for wheelchair maneuverability and a cooler surface than concrete for those hot summer days.

A&A designed approximately 350 feet of ADA-walkway that winds up a steep slope and through each story of the treehouse, then up to two cabins and restrooms. The miniature golf required significant grading to provide adequate drainage and meet existing grades. Additionally, the miniature golf site design required forethought and planning towards a future bowling alley located directly adjacent to it.

Reference:	Firm's Responsibilities:	Completion Date:	Total Project Cost:
Owner: Victory Junction Gang Camp 4500 Adams Way Randleman, NC 27317 Ms. Pattie Petty 336.495.2030	Site Design, Grading & Drainage, Water and Sewer Design, Erosion Control, Permitting, Watershed Plan Revisions	2006	\$71,000 (site work)

MASTER PLANNING & SITE DESIGN, Iron Gate, Virginia

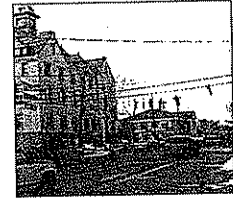
Anderson & Associates, Inc. conducted a field survey, developed a master plan, and provided construction documents for Iron Gate Park, the Town of Iron Gate's community park. The Town was awarded a grant from the Alleghany Foundation in 2006 for park improvements. The master plan and subsequent construction documents developed by A&A built upon an earlier plan and addressed changes in the Town's vision for the park, including additional community gathering areas and a skate park. A large-scale children's play structure, walking path, picnic facilities, restroom and concession structure, and horse-shoe pit are representative of other amenities provided in the park. A major engineering element to make the site more useable was burying an existing drainage channel by using elliptical concrete pipes. Doing so opened up more than a third of the site to recreational use that was previously inaccessible.



Reference:	Firm's Responsibilities:	Completion Date:	Total Project Cost:
Town of Iron Gate PO Box 238 Iron Gate, VA 24448 Mr. Alan Williams Mayor, Director of Public Works 540.862.0770	Surveying, Master Plan, Site Design	2008 (est.)	\$165,000

TOWN RUN UTILITIES & SANITARY SEWER IMPROVEMENTS PROJECT, Winchester, VA

As tasked per term contract, Anderson & Associates assisted the City of Winchester, Virginia by providing professional design services for the relocation of overhead utilities to an underground conduit system along Boscawen Street between Amherst and Cameron Streets. This project was in conjunction with the Town Run Sanitary Sewer Improvement project and directly involved the power, telephone, cable, and gas utility companies.



"BEFORE"
&
"AFTER"

Additionally, the aesthetics of the project area, which lie within the City's downtown community, were examined and it was decided that decorative street lights and traffic signals would be installed to aid in the creation of a small town atmosphere.



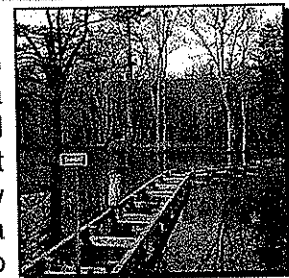
The project involved replacement of 1 mile of sanitary sewer ranging in size from 10-inch to 18-inch, construction of 10-inch water main, storm sewer, roadway reconstruction, replacement of traffic signals, construction of decorative street lighting, and burying of overhead utilities. Extensive public outreach and communications efforts occurred as well as extensive planning for maintenance of traffic through construction areas.

Anderson & Associates was involved in this project from the initial conceptual discussions, the design process, through construction. Phase II was awarded the American Council of Engineering Companies 2005 Engineering Excellence Honor Award.

Reference:	Firm's Responsibilities:	Completion Date:	Total Project Cost:
Mr. Francis A. Sanders, Jr. (Former Department of Public Utilities Director, Winchester) Director of Operations Onslow Water & Sewer Authority P.O. Box 1415 Jacksonville, NC 28540 910.455.0722	Survey, Design, Value Engineering Review, E&S Design, Technical Specifications, Quality Control Review, Detailed Cost Estimates, Construction Administration	2006	\$8,000,000

VARIOUS WETLANDS RROJECTS, Various Locations

Wetland Mitigation, Craig New-Castle Public Service Authority, Craig County, Virginia. Worked with the Public Service Authority, the National Forest Service, and the Corps of Engineers, on the construction of a mitigated wetland in the Fenwick Mines area of the Jefferson National Forest. The only practical site for the wastewater treatment plant displaced about two acres of natural wetlands. By working with the New Castle Ranger District Office of the US Forest Service, we located a marginal site near a recreation area. The site was graded and planted to promote the growth of wetland vegetation. Water level control was incorporated into the design to promote Wood Duck Nesting.



Constructed Wetlands, Piney River, Nelson County, Virginia. Study of wastewater alternatives for Piney River area and design of constructed wetlands for wastewater treatment.

Constructed Wetlands, Lester Group, Martinsville, Virginia. Design of 8 acre constructed wetlands along Reed Creek as mitigation for wetlands previously disturbed at another site. The project involved design of 4 ponds of varying water depths to encourage growth of a variety of wetland plants. In the years following construction, Anderson & Associates also provided monitoring of the establishment of wetland plants as well as groundwater and surface water elevations.

Wetland Preservation, Huckleberry Trail Project, Montgomery County, Virginia. Preserved several acres of wetlands while planning for a 6 mile bikeway project.

**West Virginia Division
of Natural Resources
Parks & Recreation Section**

**ARCHITECTURAL
Design Concepts**

**CIVIL ENGINEERING
Anderson & Associates, Inc.**

**GOLF COURSE DESIGN
Northeast Golf Company**

**Ronald Worley, PE
President & COO**

**Gary Crouch, PE
Senior Advisor**



**Mark Gundersen
Project Manager**

**Joe Pack, PE
Assistant Project Manager**

**Josh Turner, PE
Civil Site Design Engineer**

**Chris Fewster, PE
Wastewater Engineer**

**Kim Rennick, PLA
Landscape Architect**

**Jay McGuire, PE
Recreational/Transportation Engineer**

**Joe Parrish
Environmental Scientist**

**Brian Garrett, LSIT
Survey Manager**

**Bryan Powell
GIS Technician**

**Eugene Tewalt
Site Inspector**





Key Personnel Information



Our design coordination team is led by Robert McNeil, Principal Golf Course Architect and President of *The Northeast Golf Company*.

ROBERT McNEIL, MLA, ASLA
President and Principal Architect, *The Northeast Golf Company*

Robert McNeil has committed his life to the game of golf since swinging his mother's old wooden-shafted 9 iron in Massachusetts at 8 years old. Since then, Robert has followed a path of achievement combining quality education and invaluable hands-on experience. He holds a Bachelor's Degree in Business Administration from Bryant College and a Master's Degree in Landscape Architecture from Ohio State University. At Ohio State he created his own academic program specializing in golf course design working within the Agronomy, Engineering, Urban Planning and Landscape Architecture Departments. Both degree programs were essential in establishing the proper knowledge base for practicing effective business management and creative golf course design principles.

Realizing the importance of understanding successful construction and maintenance practices and techniques, Robert spent three years at New Albany Country Club, a 27-hole Jack Nicklaus signature course in New Albany, Ohio. During this time, Robert assisted in the execution of a number of construction and maintenance projects, from the course's inception through grand opening. In order to further broaden his design range, Robert joined the firm of Bird/Houk Land Planners and Architects as a Land Planning



Key Personnel (cont'd)

Associate gaining invaluable experience related to the creative interfacing of residential development and golf.

Robert then joined Keith Foster Golf Course Design assisting in the development and preparation of design documentation, construction specifications and client communications on projects throughout the United States, including Haymaker, in Steamboat Springs, Colorado and Texas Star in the Dallas-metro area. Recognizing that it lies within the spirited history and traditions of design that new creations can be found, Robert has made a devoted commitment to returning to the classic courses of the United States and British Isles to research and study the features and forms that define the classic style.

Since establishing **The Northeast Golf Company** in 1996, Robert has provided more than 50 public, private and municipal clients with a full scope of golf course design and development consultation services including his layouts at **Skyview Golf Club** in Sparta, (NJ ranked in the **Top 20 Public Courses in New Jersey** upon opening by **Jersey Golfer Magazine**), the **Club at River Oaks** in Sherman, CT (**Readers Choice, Best New Course, 2004, Northeast Golf Magazine**), and **Rockleigh Golf Course**, Bergen County, NJ (**voted runner-up Best Renovation in the Country by Golf Inc.**) Robert and the collaborating team of golf course design and development consultation professionals bring this broad vision, built from a foundation of experience and an unparalleled passion for the game, to every project we pursue.

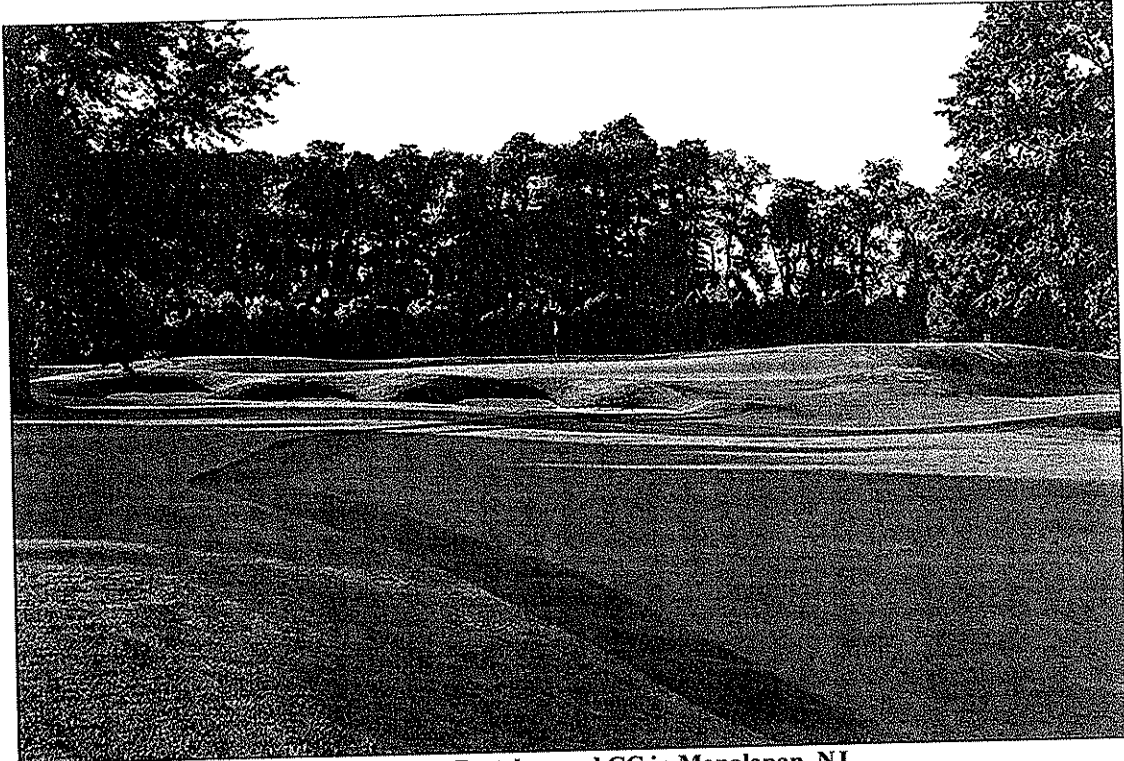
Robert's vision has always been to create golf holes that not only meet the goals and objectives of each client, but to design golfing memories that are woven from the historical fabric of the game.

Education

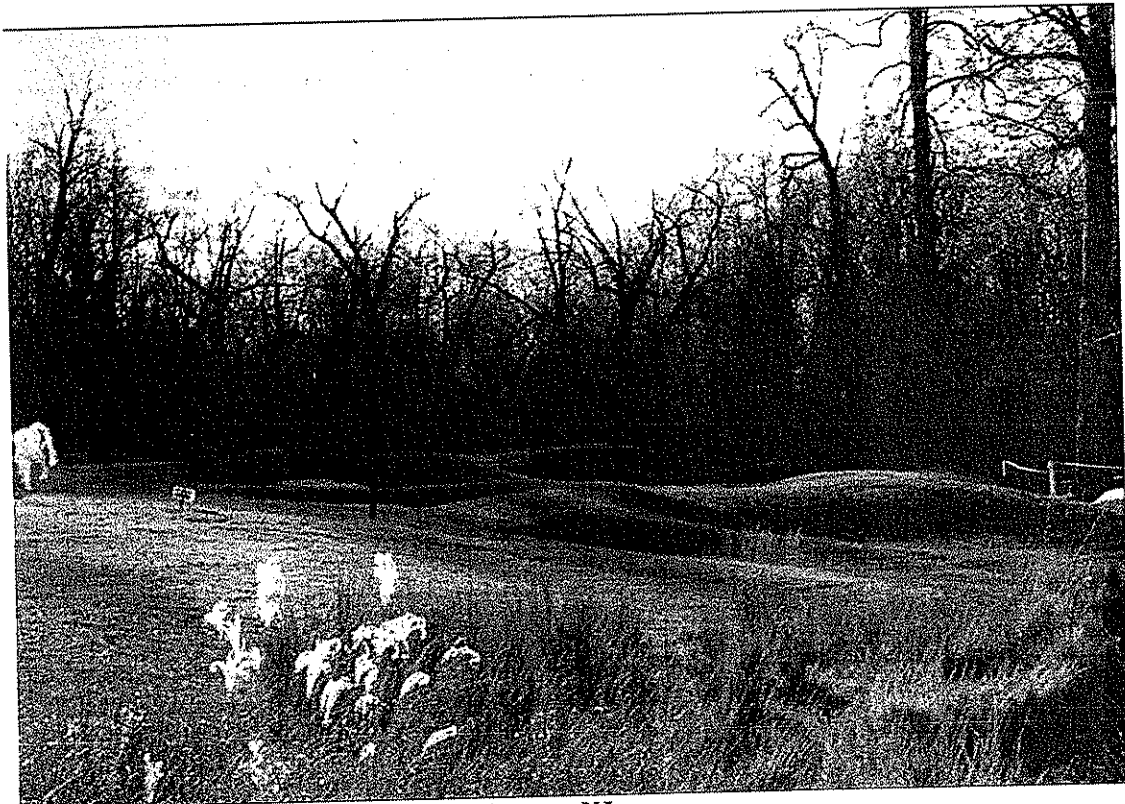
Bachelor of Science in Business Administration - Bryant College, Smithfield, Rhode Island
Master of Landscape Architecture - Ohio State University, Columbus, Ohio

Professional Associations

American Society of Landscape Architects, NJASLA
Golf Course Superintendents Association of America, NJGCSA, GCSANE
United States Golf Association
National Golf Foundation
Rotary International
Member- Whitinsville Golf Club (Donald Ross 1925)
Member- Quidnessett Country Club (Geoffrey Cornish 1961)



"Victory"- Hole 18 (post renovation) at Battelground CC in Manalapan, NJ



Developing the Style at Cedar Hill CC, Livingston, NJ



Key Personnel (cont'd)

**Mel Lucas, Links Counselor (Member McNeil Design Collaborative)-
Agronomic Consultant**

EXPERIENCE/RESPONSIBILITIES:

Mel Lucas brings over 40 years of experience in agronomic consultation to each project. He has served as Golf Course Superintendent, Architect and Agronomy and Construction Consultant at a number of high profile clubs throughout the country and internationally. Mel is a Past President of the Golf Course Superintendents Association of America and has ably served on numerous Turfgrass Professional Associations throughout the United States. He is an honorary member of the Scottish-International Golf Greenskeepers Association and serves as Vice-President of the Golf Collectors Society.

Mr. Lucas has been a decorated Agronomist since 1957. As a member of The McNeil Design Collaborative, Mel provides our clients with efficient and valuable agronomic consultation from site selection, through the design process and during the critical grow-in phase of each project. Mel is responsible for the development of maintenance management programming and warm/cool season grassing selections, working closely with the Golf Course Superintendent. Mel plays an important role in determining soil quality during our initial analysis of the site. He has provided agronomic consultation services for the following Clubs:

Muttontown Golf Club, Syosset, NY - Summer Programming
Pheasant Run Golf Club, Leominster, MA - Architecture and Construction
Piping Rock Golf Club, Long Island NY - Superintendent
Cherry Valley Club, Garden City, NY - Agronomic Consultation
Putterham Meadows Golf, Brookline, MA - Agronomic Consultation
Agawam Hunt Golf Club, East Providence, RI, - Construction Review
Buttonhole Golf Club, East Providence, RI - Agronomic Consultation
Garden City Golf Club, Garden City, NY - Superintendent
Garden City Village Recreation - Athletic Fields
Belfry Golf Club, Birmingham, England - Called in by American and British PGA to give agronomic opinion of course for 1981 Ryder Cup.
Losantisville Golf Club, Losantisville, OH - Har-Tru Tennis
The Homestead, Hot Springs, WV - Har-Tru Tennis
Essex Country Club, Manchester, MA - Grass Tennis, Golf Course Grassing
Highland Golf Club, Shelton, CT - Redesign 2nd Hole
US Army Base Course, Fort Devens, MA- Architect, Golf Course Superintendent
Round Hill, South Dartmouth, MA- Golf Architect, Construction Superintendent



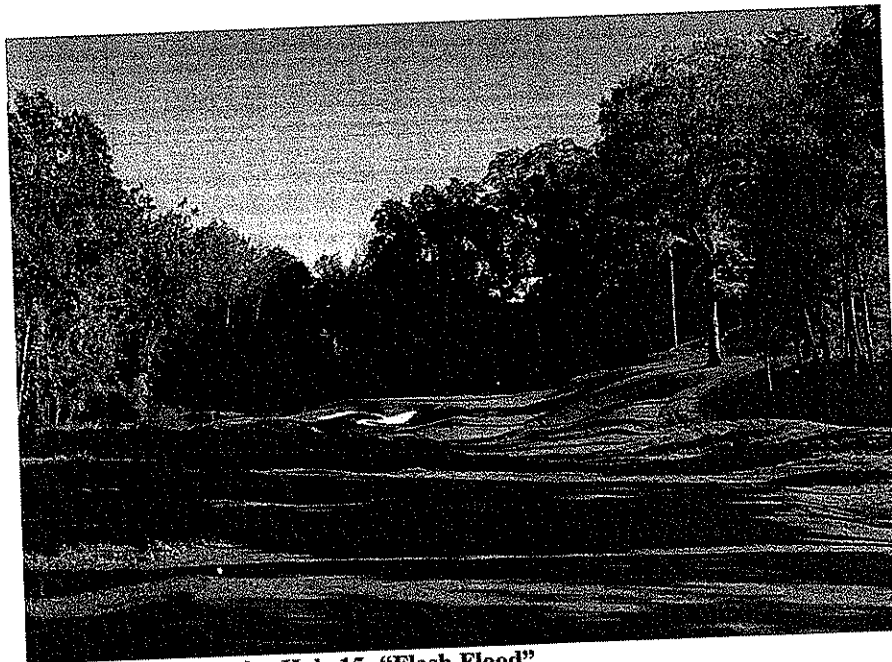
Key Personnel (cont'd)

Mel Lucas (continued)

Wolferts Roost Golf Club, Albany, NY- Construction Superintendent
G&G Hauser Golf Co., Vienna, Austria- Agrostologist
Glyfada Golf Club- Athens, Greece- Agronomy Consultant
Zehetbauer Fertigrasen, Matzneusiedle, Austria- Agronomy Consultant
Stonington Golf Club- Stonington, CT- Construction Consultant
Nonquit Golf Club- South Dartmouth, MA- Rebuilt 8th green
Misquamicut Golf Club, Watch Hill, RI- Agronomic Consultant
Button Hole Learning Center, Providence, RI- Grow-In Consultant
River Oaks Golf Club- Sherman, CT- Grow-In Supervisor
Nova Amerika Golf Club, Nova Amerika, Czech Republic- Grow-In Consultant
Golf Club St. Polton Schloss Golfegg, St. Polton, Austria- Agronomist
The Club at River Oaks, Sherman, CT- Grow-In Superintendent

Education & Associations:

Pennsylvania State University, Turfgrass Management
B.A. University of Massachusetts, Turfgrass Management Certified Golf Course Superintendent, Past President- Golf Course Superintendents Association of America



The Club at River Oaks, Hole 15- "Flash Flood"



Key Personnel (cont'd)

William G. Buchanan, III, William G. Buchanan Associates (member McNeil Design Collaborative)- Construction Management

In the past 36 years "Billy" has consulted with over 2,550 golf courses and golf operations working in the 48 contiguous states, Hawaii, Jamaica, the Bahamas, Barbados, Grand Cayman, Puerto Rico, Saint Lucia, Ireland, Mexico, and Canada. He served as the consulting Agronomist for 71 of the 2005 Golf Digest Magazine's top 100 Golf Courses. In 1990 Golf Magazine awarded their Gold and Silver Resort Award to the properties in Puerto Rico with which Billy was associated - Hyatt Dorado Beach and Hyatt Regency Cerromar Beach Hotels. Billy has worked with many new construction, remodeling and rehabilitation projects on golf courses and is currently overseeing our renovation work in Morris and Bergen Counties in New Jersey.

Education

1966 B. S. Agronomy, Virginia Polytechnic Institute & State University

Military Service

October 1967 - U.S. Army, Commissioned 2nd Lieutenant,
September 1970 September 1968

Professional Experience

Present **President**
William G. Buchanan & Associates, Inc.

October 1988 - **Regional Director of Golf Operations**
May 1992 **Hyatt Resorts Caribbean**

Responsible for total operation of all Hyatt owned and operated golf facilities in the Caribbean and advising on the operation purchase, design or construction of any new facilities.

Tournament Director for Mazda Champions - 1989

The year-end event for the SENIOR PGA TOUR and the LPGA. A team event that was televised on ESPN and ABC television networks.



Key Personnel (cont'd)

William G. Buchanan (continued)

1990, 1991 **Tournament Director, New York Life Champions -**

The year-end event for the SENIOR PGA TOUR with a \$1,000,000 purse for the top 31 money winners on the SENIOR PGA TOUR. The event was televised on ESPN and ABC television networks.

July 1984 -
October 1988 **Head Agronomist
PGA TOUR
Ponte Vedra Beach, Florida**

Responsible for conditioning all golf courses for the PGA TOUR and SENIOR PGA TOUR events. Developed construction specifications for Tournament Players Clubs built from 1985 - 1988. Developed the golf course Tournament Preparation Specifications for all TOUR events.

November 1970 -
July 1984 **Agronomist - USGA Green Section
United States Golf Association
Far Hills, New Jersey**

In 1976 promoted to Regional Director for Mid-Atlantic Region. In 1980 promoted to Championship Agronomist responsible for the conditioning of all the courses for the 13 National Championships conducted in the United States.

June 1967 -
October 1967 **Assistant Golf Course Superintendent
Cedar Point Country Club, Crittenden, VA.**



Key Personnel (cont'd)

William G. Buchanan (continued)

Publications

Authored over 40 articles that were published from 1971 to present. Several of these articles have been translated into French, Japanese and Russian for publication.

Served on the Editorial Review Board, Turf Management for Golf Courses, James Beard, 1982.

Professional Organizations

American Society of Agronomy
Soil Science Society of America
Crop Science Society of America
Golf Course Superintendents Association of America
National Golf Foundation
New Jersey Turfgrass Association
Metropolitan Golf Course Superintendents Association
New York Turfgrass Association
Virginia Turfgrass Council

Honors Received

Awarded the Outstanding Graduate of the Class of 1966 by
of 1966 by Virginia Tech College of Agriculture in 1986.

Honorary Member of: Old Dominion GCSA
Oregon State GCSA

Jamaica Superintendents Association

Honorary Life Member, Waterville Golf Links, Waterville, County Kerry, Ireland.

Member of National Institute of Golf Course Management Board of Regents, 1989 &
1990.

Member of the Board of Directors for the Chi- Chi Rodriguez Children's Foundation,
1989, 1990 & 1991.

Member of USGA Green Section Committee, 1984 - 1987.

President, Monroe Country Club, 2002 to present.



Construction Management Darlington Golf Course (Bergen County, NJ)



New Bunkering Sunset Valley Golf Course (Morris County, NJ)



Key Personnel (cont'd)

Traci McNeil,
Business/Marketing Manager

EXPERIENCE/RESPONSIBILITIES:

Traci is responsible for managing the day-to-day activities within the office environment. She directs and manages the Account Receivables and Payables and is the primary contact for each client as it relates to business management issues. Traci also uses her business skills to efficiently manage the financial responsibilities of the firm. Additionally, she oversees and coordinates the marketing efforts, ensuring that the business objectives are met.

Traci's experience includes the development of product marketing and communication plans and the execution of the strategies and tactics. Traci is quite familiar with the ins-and-outs of consumer and promotional advertising as well as direct mail, public relations and the internet.

Before joining the staff of *The Northeast Golf Company*, Traci was a Marketing Communications Manager with AT&T primarily responsible for the communication materials published on the company web site.

Education

Bachelor of Science in Marketing - Bryant College, Smithfield, Rhode Island



Pondside Bunkering at Fairmount CC



Project References- *The Northeast Golf Company*

Bergen County Department of Parks
Court Plaza South, Rm. 206W
21 Main Street
Hackensack, New Jersey 07601
Mr. Kevin Purcell, Golf Administrator
201-336-7259

Sterling Farms Golf Course
1349 Newfield Avenue
Stamford, Connecticut 06905
Paul Grillo, Executive Director
203-322-3730 ext.10

Fairmont Country Club
400 Southern Boulevard
Chatham, New Jersey 07928
Mr. Vince Bracken, Golf Course Superintendent
201-377-8904

Battleground Country Club
P.O. Box 527
Tennent, New Jersey 07763
Michael Rutkin, CEO
732-462-7575

Pleasant Valley Country Club
95 Armsby Road
Sutton, Massachusetts 01590
Mr. Edward Mingolla, Owner 508-865-4441

Trump National Golf Club
567 Lamington Road,
Bedminster, NJ 07921
Mr. David Schutzenhofer
Phone (908) 470-4400



Project References (cont'd)

The Club at River Oaks
2 Evans Hill Road
Sherman, Connecticut 06784
Mal McCluskey, Owner
860-355-5405

Sky View Golf Club
226 Lafayette Road
Sparta, New Jersey 07178
Mr. Mike Fitton, Owner
973-726-4653

Cedar Hill Golf & Country Club
100 Walnut Street
Livingston, New Jersey 07039
Mr. Dennis Wrede, Golf Course Superintendent
973-992-4700 x264

Morris County New Jersey
53 East Hanover Avenue
Morristown, NJ 07962
Ms. Renee Klose, Director of Golf
973-252-8128



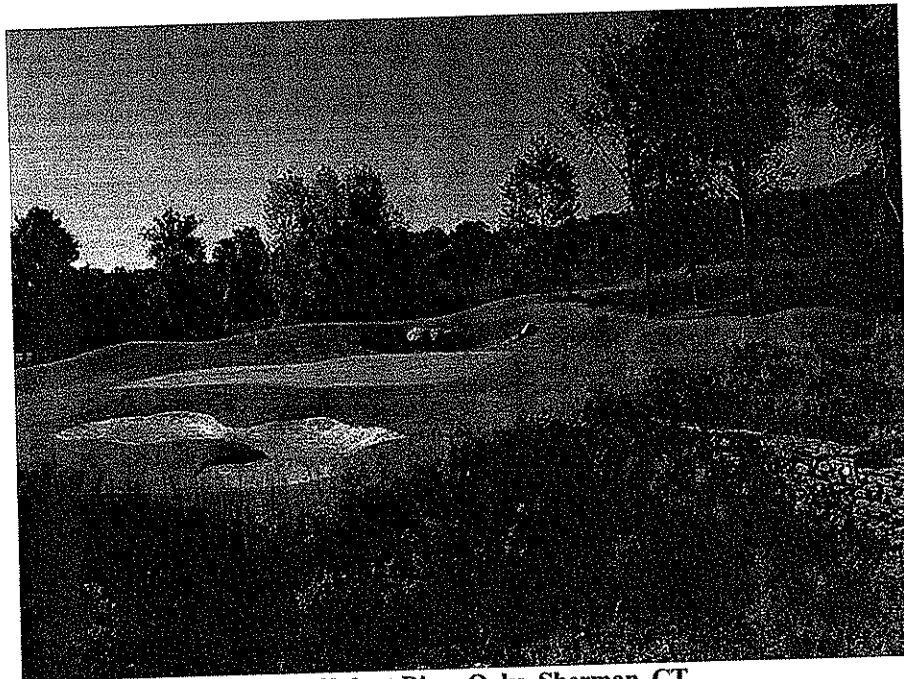
Company Profile- The Northeast Golf Company

The Northeast Golf Company
Robert McNeil, Golf Course Architect
118 Beauchamp Drive
Saunderstown, RI 02874
Phone: 401-667-4994
Fax: 401-667-4995
Cell: 732-915-8385

Design/Field Studio
138 Bodman Place
Red Bank, NJ 07701

Email: design@northeastgolfcompany.com
Website: www.northeastgolfcompany.com

The Northeast Golf Company has gained the trust of numerous municipal, public and private clients throughout the region since its establishment in 1996. Our services include comprehensive golf course design and consultation from new project feasibility and existing facility master planning to new course design, major/minor renovation planning, practice facility design, and construction management. Our firm integrates highly creative, traditionalist design philosophies with state of the art technology, delivering our clients the best plans on paper brought to life by the best eyes in the field.



"River Oaks" Hole 6, The Club at River Oaks, Sherman, CT

Cacapon State Park
Golf Course Design Qualifications
December 2, 2008



Company Profile- The Northeast Golf Company

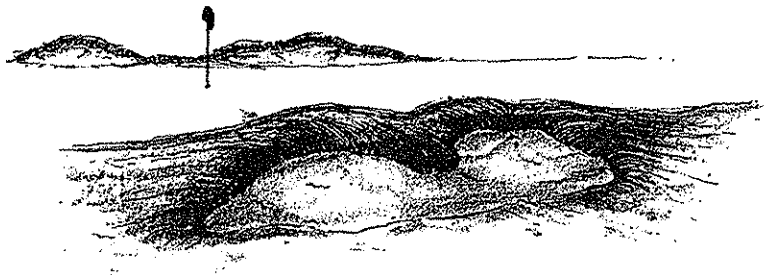
Our highly regarded municipal work can be found throughout the region, including award winning renovations at Rockleigh Golf Course in northeast NJ and Sterling Farms Golf Course in Stamford, CT. We are currently providing renovation design and construction management services for Bergen County, NJ, Morris County, NJ, Lawrence Village, NY and Lake Metro Parks at Erie Shores Golf Club north of Cleveland, Ohio. We have been retained by many municipalities throughout the region to provide a variety of services including new course feasibility in Middletown, NJ, Pennsville, NJ and Bergen County NJ, Golf Feature design in Somerset County, NJ at Warrenbrook Golf Course and Quail Brook and comprehensive master planning for the Village of Lawrence, NY, Cities of Stamford and Trumbull, CT, and the City of Brookline and Newton Commonwealth Golf Clubs in the Boston Metro market. We are also currently providing design services on destination and resort projects for Pocono Manor Golf Club in PA, and Mohegan Sun Country Club in CT.

Our “smart office approach” includes a staff of 2-4 depending on work load specializing in golf course design, design coordination, comprehensive site planning and project management. Our proximate location to all of our projects and large body of work throughout the area allow our firm to structure a customized, accountable design strategy that benefits specific needs of our clients.

Accountability

The Northeast Golf Company prides itself on working closely with all design and construction team members to provide creative direction, value engineering, and proper project supervision. Our firm and staff are committed to active involvement in a timely manner resulting in more efficient and effective “field-based” decision-making. Many of the most valuable decisions over the course of developing quality golf holes are made in the field. *The Northeast Golf Company* brings a field based philosophy to every site, allowing us to find the true character of the property.

Field Sketch- Greenside Bunkering



Cacapon State Park
Golf Course Design Qualifications
December 2, 2008



Company Profile- The Northeast Golf Company

Principal Commitment

Robert McNeil, Principal and President of *The Northeast Golf Company* will be responsible for the provision of all Design Coordination Services. These services will be coordinated closely with project professionals to provide the Division of Natural Resource Parks & Recreation of West Virginia with a reliable resource for informed decision-making. Our team will work closely with team members, the Division and Club Officials to understand golf course design parameters, creative direction and technical specifications. We will be on site as needed to oversee the development of the design and for all construction review meetings.



Master Plan Drawings, Burning Tree Country Club, Greenwich, CT

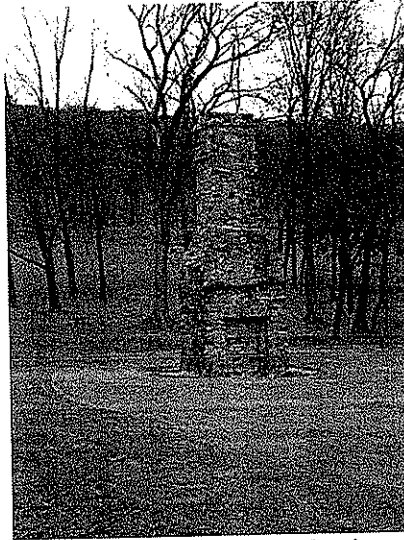
Traditional/Technical Integration

We will review all technical plans and specifications with the project professionals to ensure that overall directives are met and goals are achieved. Our office is fully automated allowing for efficient communication with all team members in a timely manner through the course of the project. Seamless plan integration with various team members promotes a quality, valuable plan.

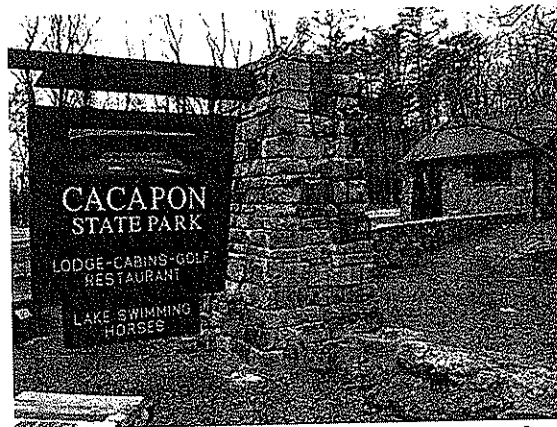


Company Profile- The Northeast Golf Company

Our field-based approach allows us to find the true strategic and visual value of the property, before developing the plans of our findings. This approach also allows us to continually search the given site for its personal uniqueness as the planning process develops. We will work closely with the entire team to find these opportunities and make sure they are represented in the final product.



Cacapon State Park-“personal uniqueness”



Cacapon State Park- Signage and Stonework



Company Profile- The Northeast Golf Company

PROFESSIONAL SERVICES

The Northeast Golf Company has risen from a passionate conviction to the profession of golf course architecture. The inherent opportunity for innovative and creative solutions drives our commitment to the quality and success of each project. With respect and honor for the past, it is our mission to uphold and integrate the traditions of the game into new, timeless creations.

The Northeast Golf Company provides quality golf course design and development services to clients throughout the region.

The Northeast Golf Company's experience includes the provision of the following services for golf course development projects:

- Renovation/Restoration Planning and Design
- New Golf Course Design
- Construction Feasibility/Site Selection Consultation
- Comprehensive Golf Course Enhancement Planning
- Golf Course Routing Studies
- Construction Documentation and Specification Production and Management
- Golf Course Drainage Design/Consultation (MDC)
- Project Cost Estimation
- Project/ Team/ Design Coordination and Management
- Request for Proposal Development
- Project Marketing Consulting
- Public/Private Bid Analysis and Consultation
- Construction Administration and Review
- Construction Management
- Feature Shaping Services
- Operations Review and Analysis

These services will be tailored to the specific needs of the Cacapon State Park Project to most effectively assist in the development of the Golf Course Improvements.



Company Profile- The Northeast Golf Company

PROJECT PROFILES

Sky View Golf Club • Sparta, New Jersey • 18 Hole Daily Fee

NGC was retained to provide Comprehensive Golf Course Design Services for a new 18-hole semi-private facility in Sussex County, New Jersey. Skyview opened in July 2000 and was immediately ranked within the top 20 public facilities by the Jersey Golfer Magazine. The golf course is the centerpiece of a 65 home residential development. The routing of the golf holes and planning of the site overcame numerous wetland issues and terrain constraints to provide players with a dramatic and striking golfing experience through native fields and rock outcroppings. www.skyviewgolf.com

The Club at River Oaks • Sherman, Connecticut • 18 Hole Semi-Private

NGC was retained to provide Comprehensive Golf Course Design Services for a new 18-hole private facility. A variety of environmentally sensitive areas throughout the site directed a flexible and creative design process and resulted in many of the holes embracing the natural features of the site. This new 18-hole facility set within classic rugged New England terrain with holes strung along the banks of the Housatonic River was completed within a 9-month construction schedule and opened to exceptional review in Summer 2003. www.clubriveroaks.com

Shetland Crossing • Pittstown, New Jersey • 18 Hole Daily Fee

NGC was retained to provide Comprehensive Golf Course Design and Services for a new 18-hole daily fee facility. The par 71 course is laid out over the pastoral ground of a Shetland pony farm. The routing of the golf course evolved and responded to the presence of nearly 40 acres of regulated wetlands on this 201 acre site. The project is on hold.

The Champions 3 at Red Rocks Ridge, North Attleboro, Massachusetts • New Golf Course Development

NGC was retained as a partner by the North Attleboro Golf Group to develop a new 18 hole par 3 golf facility on the closed Mount Hope Street Landfill in North Attleboro. The course takes its inspiration from the great par 3's throughout the world and offers players a memorable walk through history (in 2.5 hours)! The project (which is in planning) has required significant preliminary analysis of the existing landfill relative to the layout and function of the methane gas collection system, water resources, settlement calculations and the overall fit of such a layout on the property. Currently the project is entering the design phase while finalizing a lease agreement with the Town.



Company Profile- The Northeast Golf Company

Bergen County Municipal Golf Courses • Bergen County, New Jersey • 72 Hole/4 Course Comprehensive Master Plan

NGC was retained by the County of Bergen County to provide Comprehensive Golf Course Master Planning for 4 Municipal Courses (Orchard Hills, Darlington, Overpeck and Rockleigh). Services include overall review and analysis of existing conditions, Conceptual Enhancement Planning, Final Enhancement Planning, Prioritized Project Planning and supplemental reports. Master Plan phase completed June 1998.

Bergen County Municipal Golf Courses • Bergen County, New Jersey • 72 Hole/4 Course Construction Documentation of Recommended Comprehensive Master Plan Improvements

NGC is currently providing construction documentation and oversight for comprehensive tee, bunker, green, drainage, and irrigation improvements. The County has established a 5-year timeline to execute over 11.0 million dollars in enhancements. During 2002-2005 planned improvements on 36 holes have been completed including all new bunkers, tees, new greens, cart paths, drainage, irrigation and landscape plantings.

Morris County Park Commission • Sunset Valley Golf Course, Pompton, Plains, NJ • Course Construction Documentation of Recommended Comprehensive Master Plan Improvements

NGC is currently providing construction documentation, bid administration and oversight for comprehensive tee, bunker, green, drainage, and irrigation improvements. The County has established a 3-phased improvement timeline to execute over 3.0 million dollars in enhancements. Improvements on the 18 hole Sunset Valley Golf Course include all new bunkers, tees, new greens, cart paths, drainage, irrigation and landscape plantings as well as an extensive Tree Management Plan.

Somerset County Department of Parks and Recreation • Project Feasibility

NGC was retained by Somerset County, New Jersey to provide Golf Course Construction and Feasibility for a new 27-hole facility. Services included Conceptual Routing Plans, Construction Feasibility and Preliminary Construction Cost Estimates. Market and Financial Feasibility was completed by Golf Facilities Consultant, John Lapoint.

Brookline Golf Club • Brookline, Massachusetts • 18 Hole Renovation

The Town of Brookline retained *The Northeast Golf Company* to provide Comprehensive Golf Course Enhancement Planning Services and Construction Documentation Services for improvements at Brookline Golf Club. These improvements include the construction of new tees, bunkers, greens, and cart paths, irrigation and drainage structures. Phases I and II were completed during 2000-2001.



Company Profile- The Northeast Golf Company

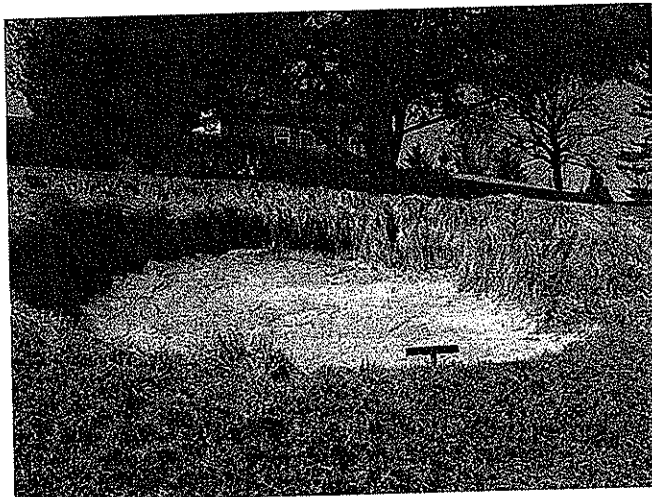
Newton Commonwealth Golf Club • Newton, Massachusetts • 18 Hole Master Plan, Irrigation RFP development

The Town of Newton, Massachusetts (Newton Commonwealth Golf Foundation) retained *The Northeast Golf Company* to provide Comprehensive Golf Course Enhancement Planning Services for improvements at Newton Commonwealth Golf Club (1920 Donald Ross Design). These improvements include the construction of new tees, bunkers, greens, and cart paths, irrigation and drainage structures.

Lawrence Village Golf Club • Lawrence Village, New York • 18 Hole Renovation
NGC is currently providing construction documentation, bid administration and oversight for comprehensive tee, bunker, green, drainage, and irrigation improvements. The Village has established a 3-phased improvement timeline to execute over 3.0 million dollars in enhancements. Improvements on the 18 hole Lawrence Village Golf Club include all new bunkers, tees, new greens, cart paths, drainage, irrigation and landscape plantings as well as an extensive Tree Management Plan.

Cedar Hill Country Club • Livingston, New Jersey • 18 Hole Renovation

NGC provided complete planning and design services for the renovation of 79 bunkers, new tees and greens at Cedar Hill Country Club in Livingston, NJ. NGC was retained to complete a Comprehensive Enhancement Plan for the golf course to be executed over a two-year schedule. All work on this 1.2 million dollar renovation was completed in 2002. As a result of the improvements the marketability of the Club has increased significantly and memberships are up.



The "Shaggy" at Cedar Hill CC



Company Profile- The Northeast Golf Company

Agawam Hunt Golf Club • East Providence, Rhode Island • 2 Hole Renovation
NGC was retained by Agawam Hunt Golf Club, 100-year-old private golf facility in East Providence, RI to provide golf hole redesign services. Construction Documentation and permitting for the project was completed by NGC and Northeast Engineering Consultants. Construction was completed in Fall 1998.

Gardiner's Bay Golf Club • Shelter Island, New York • 18 Hole Renovation
A multi-phase Master Plan to recapture the turn of the century styling of the bunkers at Gardiner's Bay on Shelter Island began in 1999 and continued through 2004. NGC has also been retained to provide Site Planning services related to the design of the Clubhouse surrounds including feature relocation, circulation and landscape design.



Gardiner's Bay Golf Club, Hole 9 Restoration



Company Profile- The Northeast Golf Company

Candlewood Valley Country Club • New Milford, Connecticut • 18 Hole Enhancement Plan

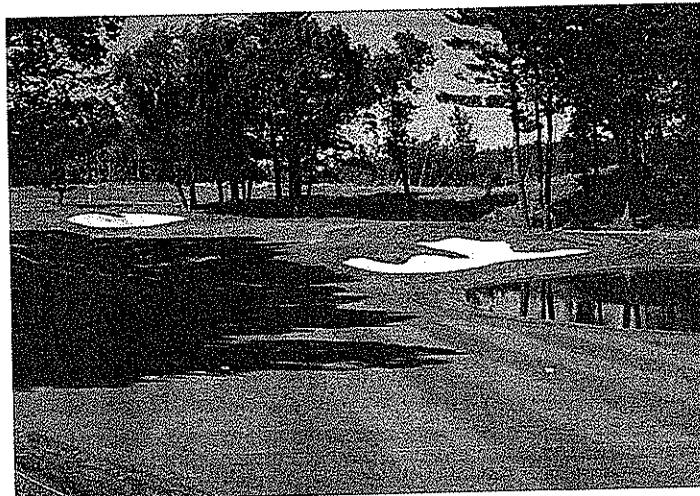
NGC was retained to provide Comprehensive Master Planning Services for an 18 hole public golf course. The course is routed through considerable wetlands. An effort is being considered to seek Audubon Sanctuary Status for the golf course. Enhancement Plans were developed with the initial construction projects completed in Spring 1999.

Orange Hills Country Club • Orange, Connecticut • Hole Renovation

Orange Hills retained NGC to redesign the 9th hole to better fit the existing terrain and provide a more inviting presentation to players viewing the hole from the entry road. NGC provided Construction Documentation and Bid Review Services. Construction was completed in Fall 1998.

Pleasant Valley Country Club • Sutton, Massachusetts • Bunker Renovation

Pleasant Valley, former home of the CVS Charity Classic, PGA and LPGA Tour events retained NGC to provide a long-range bunker improvement program to be executed over the next several years. NGC was also retained to design and construct the new 4th and 5th holes in association with proposed residential development. Construction is complete.



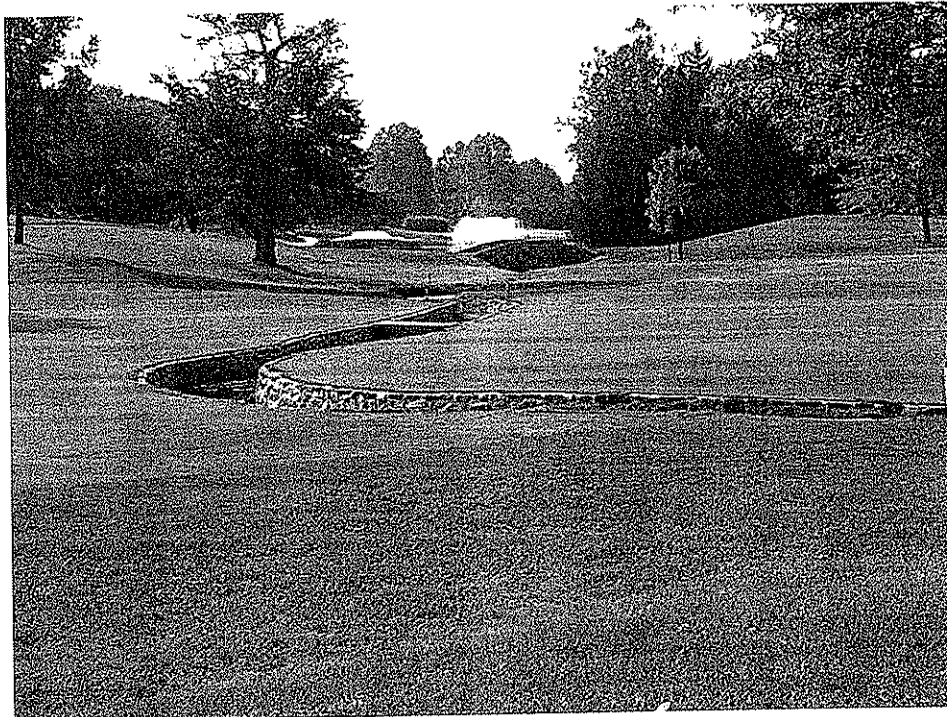
New 4th Hole Pleasant Valley CC



Company Profile- The Northeast Golf Company

Fairmount Country Club • Chatham, New Jersey • Bunker Renovation

NGC has been retained as the “staff Architect” for all future improvements at Fairmount Country Club in Chatham, NJ. Bunker and tee renovations on 14 holes was completed in the Fall of 2006 with improvements to more bunkers and hole strategy to be implemented in the coming years.



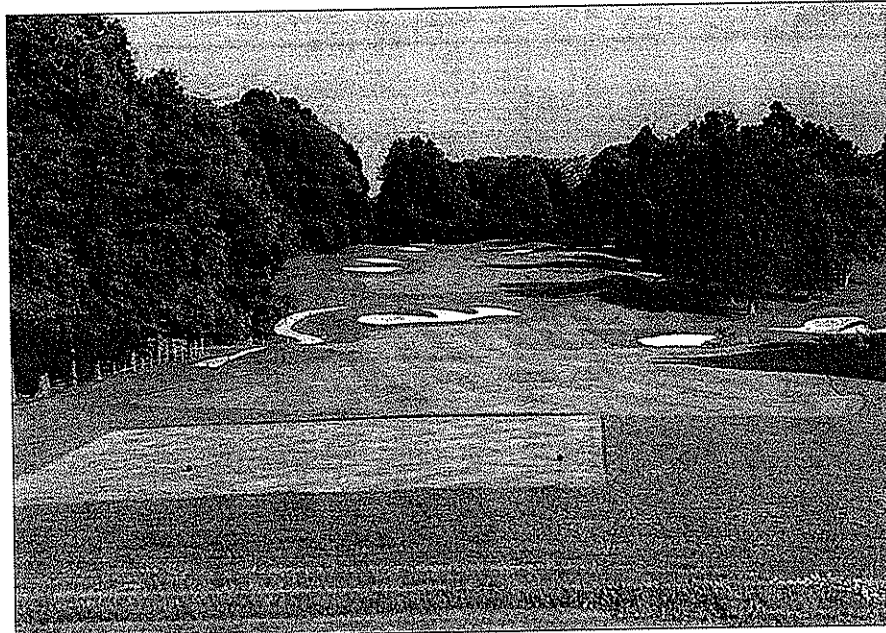
Strategic Burn at Fairmount CC

Battleground Country Club • Manalapan, New Jersey • Master Plan/Renovation

NGC was retained by D.R. Horton, the nation’s largest home builder and Battleground Country Club to provide Comprehensive Master Planning and Design Services for the construction of 6 new holes as part of a residential development within the property. The project resulted in the displacement of several holes on the golf course and required the playability of 18 holes at all times during construction. Through a highly coordinated effort this objective was accomplished.

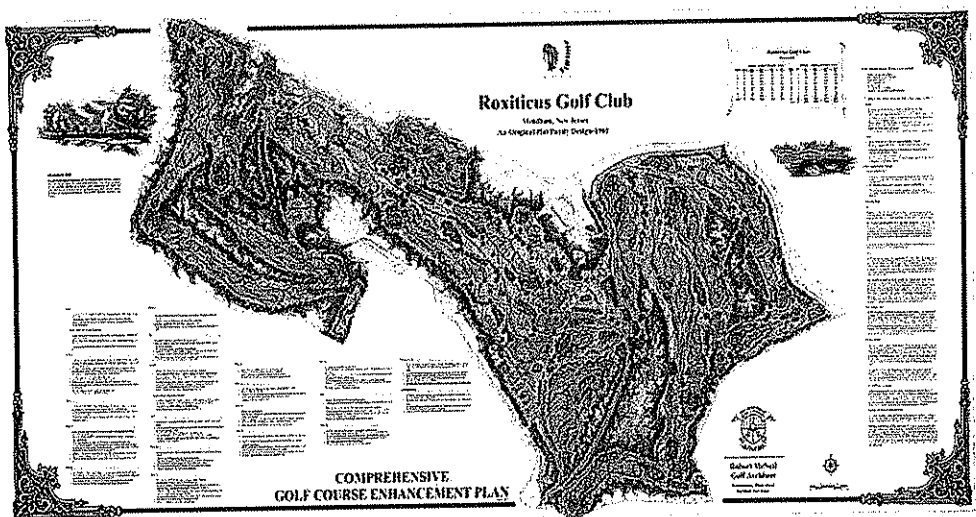


Company Profile- The Northeast Golf Company



New 1st hole at Battleground CC

Roxiticus Golf Club • Mendham, New Jersey • 18 Hole Renovation
 NGC has been retained as the “staff Architect” for all future improvements at Roxiticus Golf Club in Mendham, NJ. Bunker and tee renovations have begun in concert with a Comprehensive Master Plan completed in 2007 (below)



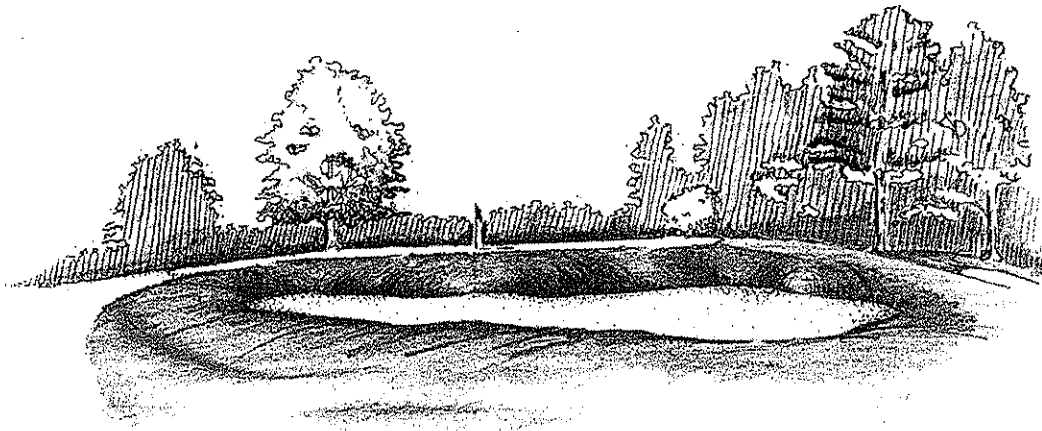
Cacapon State Park
 Golf Course Design Qualifications
 December 2, 2008



Company Profile- The Northeast Golf Company

White Beeches Golf & Country Club • Haworth, New Jersey • 18 Hole Renovation
NGC completed the construction of 80 new bunkers and new tees at White Beeches in Bergen County, NJ. NGC was retained to complete a Comprehensive Enhancement Plan for the golf course to be executed over a three-year schedule. All 80 bunkers, 18 tees and cart path renovations are complete.

Kernwood Country Club • Salem, Massachusetts • Master Plan/Renovation
NGC was retained by Kernwood Country Club, a 1914 Donald Ross design in Salem, MA to provide Comprehensive Master Planning Design Services. Construction of new tees and bunkers has been ongoing from Spring 2001 through Fall 2006. Design work was coordinated with the installation of a 48" gas line routed directly across several holes on the golf course.



The Kernwood/Ross Style



Company Profile- The Northeast Golf Company

Municipal/Institutional Clients

Village of Lawrence, New York
Bergen County Department of Parks, New Jersey
Morris County Park Commission, New Jersey
Somerset County Park Commission, New Jersey
Burlington Township, New Jersey
Pennsville Township, New Jersey
Rutgers University Golf Course, Piscataway, New Jersey
Middletown Township, New Jersey
Newton Commonwealth Golf Foundation, Newton, Massachusetts
Stamford Golf Authority, Stamford, Connecticut
Tashua Knolls Golf Commission, Trumbull, Connecticut
Town of Brookline, Department of Parks, Massachusetts
Lake Metroparks, Erie Shores GC, Madison, Ohio

Recently Completed/Active Golf Course Projects

Darlington Golf Course, Bergen County, New Jersey
Overpeck Golf Course, Bergen County, New Jersey
Rockleigh Golf Course, Bergen County, New Jersey*
Orchard Hills Golf Course, Bergen County New Jersey
Sky View Golf & Country Club, Sparta, New Jersey
Warrenbrook Golf Course, Somerset County, New Jersey
Quail Brook Golf Course, Somerset County, New Jersey
Navesink Country Club, Middletown, New Jersey*
Cedar Hill Country Club, Livingston, New Jersey*
White Beeches Golf & Country Club, Haworth, New Jersey*
Battleground Country Club, Manalapan, New Jersey*
Fairmount Country Club, Chatham, New Jersey*
Bamm Hollow Country Club, Middletown, New Jersey
Madison Golf Club, Madison, New Jersey
Sunset Valley Golf Course, Morris County, New Jersey
Mendham Golf & Tennis Club, Mendham, New Jersey
Roxiticus Golf Club, Mendham, New Jersey

The Club at River Oaks, Sherman, Connecticut*
Orange Hills Golf Club, Orange, Connecticut
Candlewood Valley Golf Course, New Milford, Connecticut
Sterling Farms Golf Club, Stamford, Connecticut
Tashua Knolls Golf Club, Town of Trumbull, Connecticut
Mohegan Sun Country Club, Baltic, Connecticut



Company Profile- The Northeast Golf Company

Burning Tree Golf Club, Greenwich, Connecticut*

Pleasant Valley Country Club, Sutton, Massachusetts*

Kernwood Country Club, Salem, Massachusetts*

Bass Rocks Golf Club, Gloucester, Massachusetts*

Brookline Golf Club, Brookline, Massachusetts

Newton Commonwealth Golf Club, Newton, Massachusetts

Lawrence Village Golf Club, Lawrence Village, New York

Gardiner's Bay Golf Club, Shelter Island, New York

Agawam Hunt Golf Club, East Providence, Rhode Island*

Pocono Manor Golf Club, Pocono Manor, Pennsylvania*

Jack Frost National Golf Club, Blakeslee, Pennsylvania (Project Management)

Erie Shores Golf Course, Madison, Ohio

**** Many of the Clubs retaining the services of The Northeast Golf Company have hosted USGA Qualifying and Amateur Events, State Opens, and PGA and LPGA Tour Events.***

*** Municipal Projects listed below were completed as Design Associate with Keith Foster Golf Course Design. Responsibilities included assisting in the completion of Comprehensive Golf Course Construction Documentation and Specifications.**

Buffalo Run • Commerce City, Colorado • 18 Hole Municipal, 1996*

Assisted in all phases Construction Documentation Development

Casper Golf Club • Casper Wyoming • 9 Hole Municipal, 1995*

Assisted in all phases of Construction Documentation Development

Douglas Golf Club • Douglas, Arizona • 9 Hole Municipal, 1996*

Assisted in all phases of Construction Documentation Development

Haymaker • Steamboat Springs, Colorado • 18 Hole Municipal, 1997*

Assisted in all phases of Construction Documentation Development

Texas Star • Euless, Texas • 18 Hole Municipal, 1997*

Assisted in all phases of Construction Documentation Development



BROAD VISION • CAREFUL THOUGHT • HAND-CRAFTED DESIGN
www.northeastgolfcompany.com

Selected Project Profiles

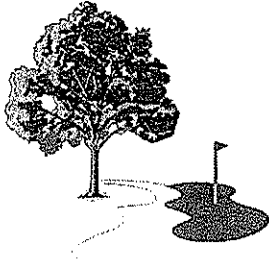
The Club at River Oaks, Sherman, Connecticut - 18 Hole New Course

Skyview Golf Club, Sparta, New Jersey - 18 Hole New Course

Sterling Farms Golf Course, Stamford, Connecticut - 18 Hole Renovation

Bergen County, Bergen County, New Jersey - Comprehensive 72 Hole Master Plan/Renovation

Selected Project Profiles



The Club at River Oaks

18 Hole Championship Private Club
Sherman, Connecticut

Project Description

The Club at River Oaks designed by Robert McNeil and opened in the summer of 2003 rests comfortably along the banks of the Housatonic River. Creatively responding to a variety of environmental challenges, the layout embraces the natural topography and vistas inherent in the site. The Club has received exceptional reviews as a quality test of championship golf. The Club at River Oaks was **voted Reader's Choice Best New Courses, Northeast Golf Magazine, 2004 and hosted the US Open Qualifying Rounds in 2005.**

Client

Mr. Malcolm McCluskey
2 Evans Hill Road
Sherman, CT 06784
860-355-5405

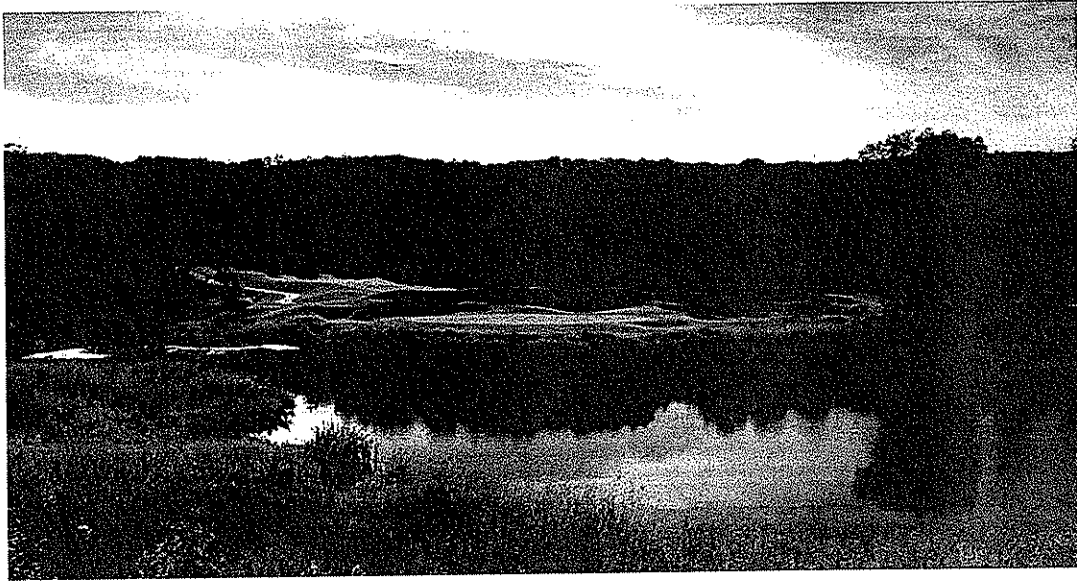
Project Status

Completed (opened July 2003)

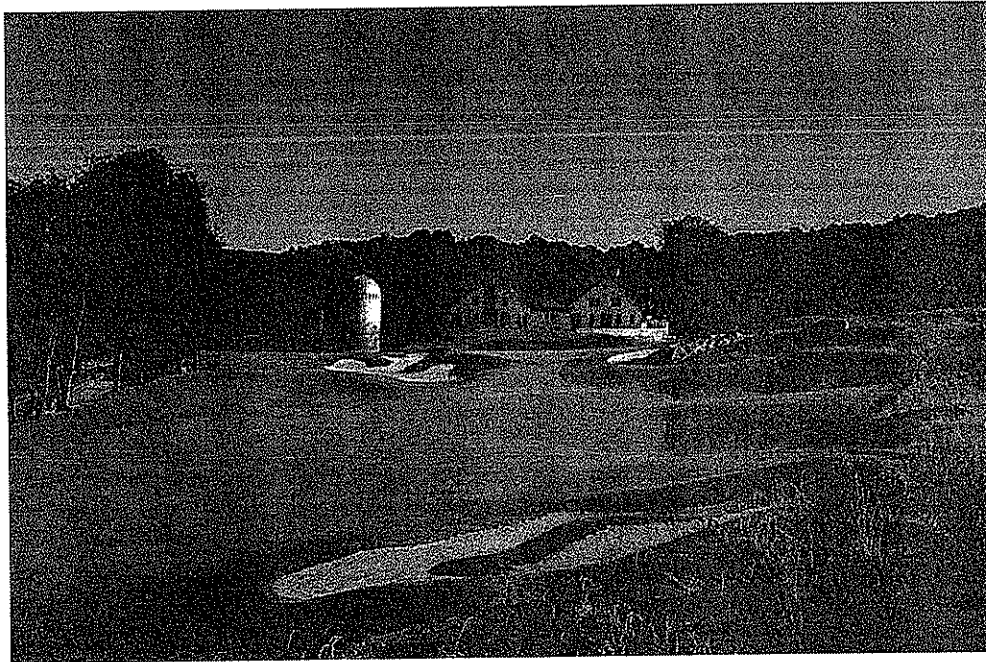
Project Cost

Golf Course Construction Budget \$3,700,000

Golf Course Contractor-Intergolf Designs



Holes 17 and 18 at the Club at River Oaks provide a strong memorable finish to a routing that embraces the rolling contours of the site, long vistas and the powerful rapids of the Housatonic River.



Selected Project Profiles

Sky View Golf Club

18-Hole Daily Fee Golf Course
Sparta, New Jersey



Project Description

The routing of Sky View Golf Club traverses over three distinctly different terrains. The holes embrace the variety of the site, set along hillsides, adjacent to striking rock outcroppings, through native grass meadows over verdant wetland and over sloping farm fields. The project required the consideration of over 60 acres of native wetlands. The daily fee 18 hole golf course is surrounded by an 80 home residential development. **Upon opening in 2000, Skyview was ranked within the top 20 public facilities in New Jersey by Jersey Golfer Magazine.**

Client

Skyview Golf, LLC
226 Lafayette Road
Sparta, New Jersey 07871

Project Reference

Mr. Mike Fitton
973-726-4653

Project Status

Opened Summer 2000
Ranked in Top 20 Public facilities by Jersey Golfer Magazine

Project Cost

Golf Course Construction Budget \$4.6 million

Golf Course Contractor

George E. Ley, Co.
Heinbuech Golf Construction Management

Skyview Golf Club presented a variety of environmental and physical challenges that were integrated into the defining character of the course ranked in the top 20 Public facilities in New Jersey (by *Jersey Golfer Magazine*) upon opening in 2000.



Hole 16 "High/Low"



Hole 3 "Ravine"

Selected Project Profiles



Project Description

The Northeast Golf Company and McNeil Design Collaborative were retained by the Stamford Golf Authority to conduct a comprehensive analysis of the Sterling Farms Golf Course. This analysis included the development of a Comprehensive Golf Course Enhancement Plan, a Structural Evaluation of the historic farm buildings on the property, and Overall Site Plan for improvements to the parking lots, site entrance, circulation patterns and building location and use, the development of an Drainage Analysis RFP, and the provision of Irrigation Specifications and Plans for a new Rainbird system.

The Club has completed extensive drainage improvements, the installation of a new irrigation system, the construction of a new state of the art 2-tier practice range structure designed by George Rudolph III Architects, and the installation of a new cart path system on the golf course.

Client

Mr. Paul Grillo, Executive Director, Stamford Golf Authority
1340 Newfield Avenue
Stamford, CT 06905
203-322-3730 ext. 10

Project Status

Completed (with ongoing improvements through 2007)

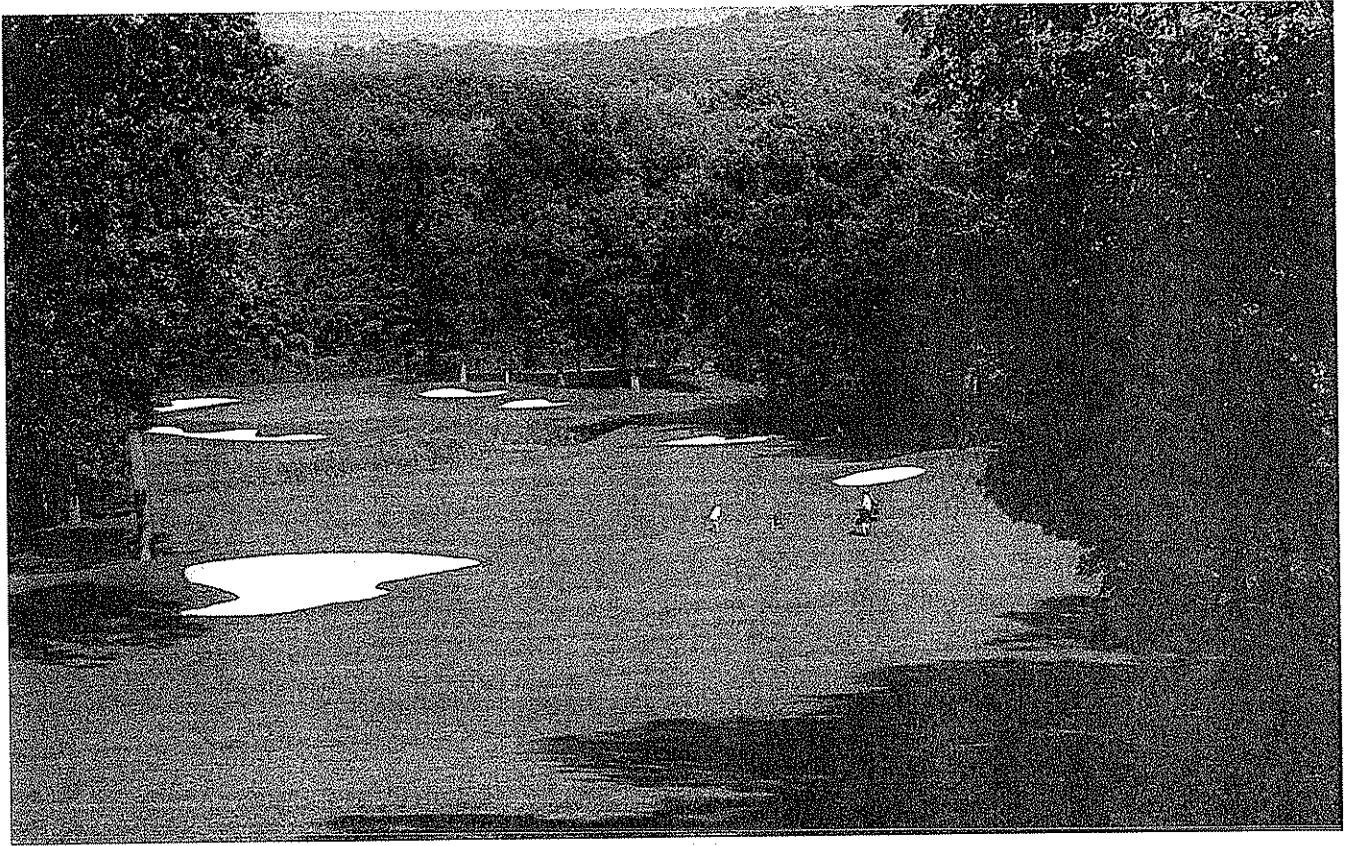
Project Cost

Golf Course Construction Budget \$3,000,000 (all improvements through 2006)

Golf Course Contractors

Aqua Turf, Viking Construction, Turco Golf Construction

Sterling Farms Golf Course- Stamford, Connecticut

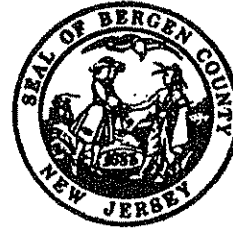


**New bunkering on hole #2 at Sterling Farms
Voted #1 Golf Course in Fairfield County, CT**

Selected Project Profiles

Bergen County Department of Parks

72-Hole Municipal Golf Course Master Enhancement Plan
72 -Hole Renovation Construction Documentation
Golf Course Feasibility Study – New 18 hole facility
Bergen County, New Jersey



Project Description

NGC was retained to provide Comprehensive Master Planning for the 72 Hole Bergen Municipal Golf Course System. NGC has subsequently been retained to develop construction documentation for all of the proposed improvements, bid administration, and construction review services.

NGC was retained by Bergen County, New Jersey to provide Golf Course Construction, Environmental Engineering and Market and Financial Feasibility consultation for the development of a new 18-hole golf course facility in northern New Jersey.

The project included the on-site evaluations by NGC and Sadlon Environmental. Preliminary routing plans and construction costs estimates were developed supported by Golf Course Construction and Environmental Summary Documentation. Market and Financial Feasibility Reports were completed in collaboration with Mr. John Lapoint of Golf Facility Consultants.

Client

Bergen County Department of Parks
Mr. Kevin Purcell, Golf Director
Golf Administration, One Bergen County Plaza, Fourth Floor
Hackensack, New Jersey 07601
201-336-7259

Project Status

Renovation Under Construction

Project Cost

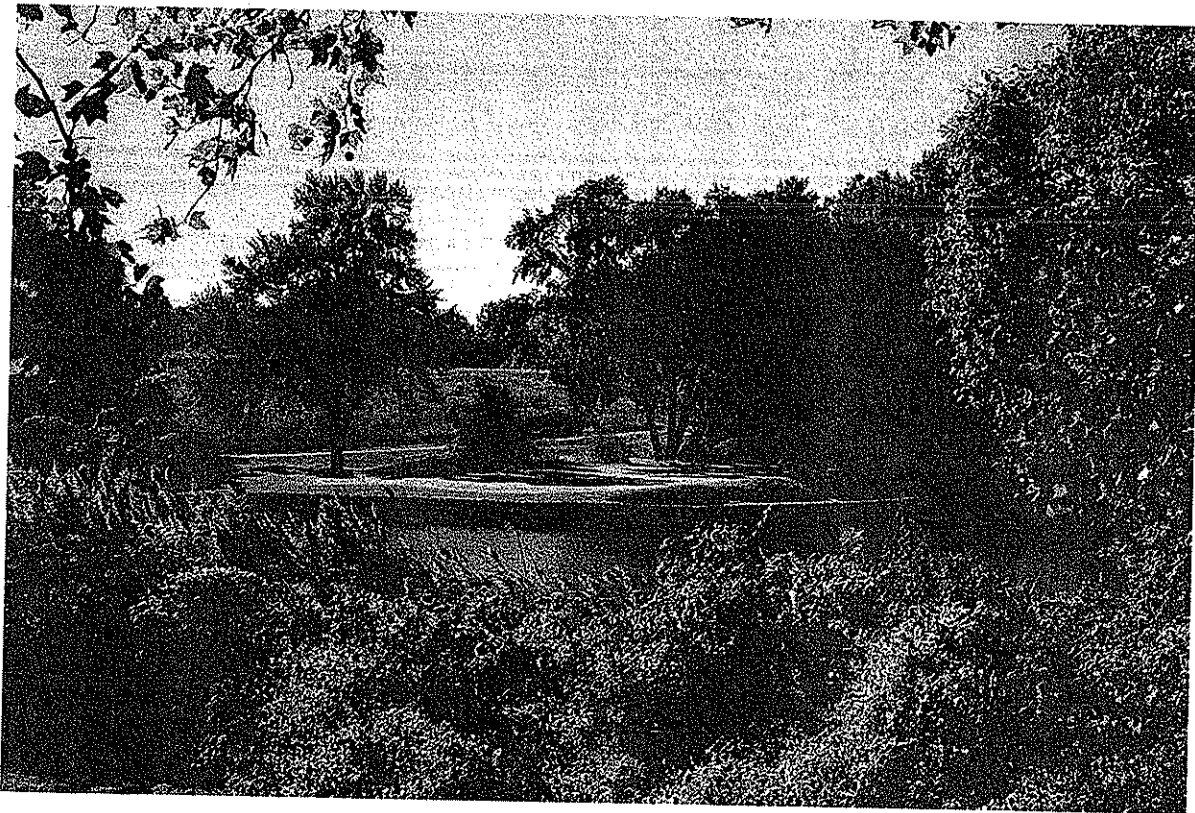
Golf Course Construction Budget \$9.5 million (budget through 2006)

Golf Contractor

Sam DePasquale Construction, Turco Construction, Country View Golf



Hole 4 before renovation



The par 3 4th hole at Rockleigh GC was in near disrepair due to the high volume of play and the elevation of the green. The new 4th provides players with an expanded surface set within a setting pronounced by a handstacked wall of indigenous stone.