# C. APPENDICES

## A. Resumes

**The Developers Collaborative** will assemble a highly qualified and experienced team of Maine professionals to complement our own skills. We have successfully managed several multi-disciplinary project teams for developments of similar scope and complexity. As a principal, Mr. Berman has a range of professional experience in real estate development that has given him the management skills for large and complex projects. The success of his past projects can be directly attributed to key development skills that he has acquired and refined. These include:

- Critical review and selection of projects.
- Building of effective partnerships with individuals of compatible entrepreneurial spirit.
- Selection of skilled and experienced consultants.
- Development and application of effective development standards, practices and principles.
- Delegation of responsibility to qualified parties.
- Cultivation of community spirit.

# RESUME
# Developers Collaborative
# Richard Berman *Principal*

17 Chestnut Street, Portland, Maine 04101

Telephone 772 – 3225
E-Mail rberm@midmaine.com

## Educational Background

**Massachusetts Institute of Technology**, Cambridge, Massachusetts 1971
Construction Scheduling

**Harvard University,** Cambridge, Massachusetts 1968 – 1970

**University of Massachusetts**, Amherst, Massachusetts 1968
Master of Education

**University of Massachusetts**, Amherst, Massachusetts 1967
Bachelor of Science in Landscape Architecture

## Professional Background

**Berman Associates** Portland, Maine 1986 - Present
Property development

**Berkshire Builders** Bedford, New Hampshire 1985 – 1986
Real estate development for the Appleton Inn Hotels

**Berman, French & Associates** Portland, Maine 1983 – 1985
Landscape architectural design firm

**R. R. Berman Associates** Portland, Maine 1974 - 1983
Landscape architectural design firm / Principal

**Moriece & Gary of Maine** Portland, Maine 1971 – 1974
President of company branch office in Portland, Maine

**Moriece & Gary** Cambridge, Massachusetts 1968 – 1971
Landscape Architect / Associate in the firm

# Developers Collaborative
# Richard Berman *Principal*

## PROJECT EXPERIENCE

**Lake View Heights / Goffstown, New Hampshire**
A 20-unit condominium housing project. Total value: $1.6 million.

**Pinecrest / Concord, New Hampshire**
A 23-lot duplex (46 units total). Total value: $1.38 million.

**Stroudwater Heights / Portland, Maine**
A 21-lot exclusive residential subdivision on 13.5 acres of land overlooking the Stroudwater Estuary. Total value: $630,000.

**Winslow Common / Falmouth, Maine**
A 29-lot lakefront subdivision on 62 acres of land with 500 feet of Highland Lake frontage. Total value: $1.16 million.

**Gateway Court / Portland, Maine**
A 10-unit condominium project consisting of road construction and 5 condex (duplex condominiums) buildings. Total value: $800,000.

**Two Echo Co-Housing Community / Brunswick, Maine**
A 27-home co-housing community, recognized as the first of its type in Maine. Total value: $1.0 million.

**West Falmouth Crossing / Falmouth, Maine**
A mixed-use commercial development project. Total value: $23.0 million.

**Shops at The Crossing / Falmouth, Maine**
A 15,000 square foot commercial center adjacent to Hannaford Bros. Supermarket at West Falmouth Crossing. Total construction cost: $1.5 million.

**Unity Village / Portland, Maine**
A 33-unit affordable housing (rental) development in the Bayside Area of Portland. Unity Village was awarded the annual collaborative award from the Institute of Civic Leadership for its community development process. Project cost: $5 million.

**BankNorth Office Building / Falmouth, Maine**
A 143,000 square foot office building leased by BankNorth. Project cost: $17 million.

**Brickhill / South Portland, Maine**
A mixed-use redevelopment of the former Maine Youth Center into 145 units of workforce housing, 79 condominium units, and up to 164,000 square feet of commercial/office space. Total project value: $65 Million.

# Developers Collaborative
# Richard Berman *Principal*

## REFERENCES

Richard Roderick (Partner in West Falmouth Crossing Project)
Chief Financial Officer
Dead River Company
2 Monument Square
Portland, Maine 04101
773-5868

Richard A. Blake
Senior Vice President
TD BankNorth
One Portland Square
P.O. Box 9540
Portland, Maine 04112-9540
761-8604

Jeffrey Jordan
City Manager
City of South Portland
P.O. Box 9422
South Portland, ME 04116
767-7606

RESUME

# Developer's Collaborative

# Jim Hatch *Principal*


121 Rooney Lane Whitefield, Maine 04353

Telephone 549 - 5435
E-Mail jimhatch@wildblue.net


## Educational Background

**University of Southern Maine** Portland, Maine 1983
Real Estate Law and Property Valuation

**University of Massachusetts** Amherst, Massachusetts 1976
Continuing Education Teacher Training Program

**Antioch College** Yellow Springs, Ohio 1971
Bachelor of Arts in Environmental Studies

## Professional Background and Development Experience

**Housing Consultant** Whitefield, Maine 1989 to present
Since 1989 I have been a self-employed housing consultant specializing in affordable housing. My clients have included non-profit groups, municipalities, and for-profit developers. In my role as development consultant, I coordinate the entire real estate development process, including site acquisition, recruitment and management of the development team, land use approvals, financing through banks and public agencies, and construction management. I have completed dozens of projects financed by various programs of the Maine State Housing Authority, from adult group homes, transitional foster homes and elderly residential care facilities to large, multi-unit, housing complexes and single-family subdivisions. I have compiled a very successful track record in obtaining grant and subsidy funds for my clients from such sources as MSHA, CDBG and the Federal Home Loan Bank of Boston.

Recent development projects include:

- **Heron Cove at Brickhill, South Portland, Maine.** 79-unit condominium development, including 30% of the units meeting MSHA affordability guidelines, to start construction November 2005. Total budget: $16,000,000.

- **Brickhill Cottages, South Portland, Maine.** Adaptive re-use of five historic brick buildings currently under construction at the former Maine Youth Center to create 43 units of affordable rental housing. Total budget: $9,000,000.

- **Brickhill Townhouses, South Portland, Maine.** New construction of 66-units of workforce rental housing. Total budget: $11,100,000

- **Varney Square Redevelopment, Freeport, Maine.** Redevelopment of an existing 18-unit housing complex into 30 units of workforce housing, including renovation of existing units and 12 new units. Total budget: $4,600,000.

- **Ledgewood Court, Damariscotta, Maine**. 26-unit rental complex developed to help provide affordable housing for employees of Miles Memorial Hospital. Total budget: $4,000,000.

Since 1991, I have performed extensive work with the Freeport Housing Trust. My activities have included searching out and implementing housing development opportunities for the town. Specific examples include:

- acquisition and rehabilitation of 66 units of multi-family rental housing,
- development of Village View Townhouses, a 30-unit affordable rental complex,
- acquisition of Wardtown Park, a 60-unit mobile home park.

From 1991 to 1994 I worked with the Town of Swan's Island in the planning, financing, and implementation of a series of successful community development projects financed with Community Block Grant funds. These included:

- construction of a single-family subdivision on town-owned land,
- construction of a new wharf and fish processing facility,
- installation of a new submarine electric cable.

During 1989 and 1990 I provided technical assistance to non-profit housing development groups across Maine as staff consultant to the Maine Housing Enterprise and Maine State Housing Authority. I have also provided studies and affordable housing action plans for several Maine communities.

Other previous pertinent professional background includes:

| | |
|---|---|
| **Housing Specialist** | The Island Institute<br>Rockland, Maine |
| **Executive Director** | Mid-Coast Human Resources Council<br>Rockland, Maine |
| **Housing Director** | Kennebec Valley Community Action Program<br>Waterville, Maine |
| **Housing Director** | Washington-Hancock Community Agency<br>Millbridge, Maine |
| **Vice-President for Operations**<br>**Education Director** | Cornerstone Energy Group<br>Brunswick, Maine |

# Developers Collaborative
# Jim Hatch *Principal*

## REFERENCES

Thomas Whelan
Bath Savings Institution
P.O. Box 548
Bath, ME 04530
207-443-6296

Dale McCormick
Director
Maine State Housing Authority
353 Water Street
Augusta, ME 04330
207-626-4600

Valmore Blastow
Town Manager
Town of Thomaston
PO Box 299
Thomaston, ME 04861
207-354-6272

Treasurer, Freeport Housing Trust

# RESUME
# Developers Collaborative
# Kevin Bunker *Principal*

17 Chestnut Street Portland, Maine 04101

Telephone 207-772 -7673 ext.3
E-Mail bunker.kevin@gmail.com

## Educational Background

**Harvard University Graduate School of Design** Cambridge, MA 2005-2007
MUP Urban Planning, concentration in Real Estate

**USM Muskie School** Portland, ME 2004-2005
Certificate in Community Planning and Development

**The George Washington University** Washington, DC 1992-1996
B.A. International Affairs, minor in Geography

## Professional Background and Development Experience

**Developers Collaborative** Portland, ME 2007-Present
Property development

**Harvard University Joint Center for Housing Studies** Cambridge, MA 2005-2007
Research assistant

**Self-employed Planning Consultant** Rockland, ME 2004-2007
GIS analysis, grantwriting and administration, park planning

**City of Rockland** Rockland, ME 2004-2005
Community Development Assistant

# Developers Collaborative
# Kevin Bunker *Principal*

## REFERENCES

Mr. Richard Berman
Principal
Developers Collaborative
Portland Me 04101
772-3225

Mr. Tom Hall
City Manager
City of Rockland
270 Pleasant St.
Rockland, Maine 04841
594-0300

Mr. Mark McComas
City of Lewiston
27 Pine St.
Lewiston, ME 04240
513-3036

Mr. Rodney Lynch
Community Development Director
City of Rockland
270 Pleasant St.
Rockland, Maine 04841
594-0306

Mr. Jerold Kayden
Professor, Co-Chair and Program Director, Urban Planning Program
Harvard University Graduate School of Design
48 Quincy St.
Cambridge, MA 02138
617-496-0830

## **Phil Kaplan** AIA, LEED-AP

PRINCIPAL, Kaplan Thompson Architects

Phil Kaplan is a Registered Architect, a member of the AIA and a LEED Accredited Professional. Additionally, he serves as Vice President and co-founder of the PSA (Portland Society of Architects), a community design advocacy group based in Portland. His work has received a Maine AIA Award of Excellence in 2002 as well as an Excellence in Design Award in an international competition in 2004. His projects have been published in books and magazines, and shown on both local and national television.

Phil has been a project architect on many custom residential as well as commercial, retail and institutional projects within his own practice as well as while working at firms in Portland, Maine and Boulder, Colorado for over 15 years. Other project locales include Maryland, New Hampshire, Massachusetts, Virginia, Connecticut, California and New York. He has also served as General Contractor for two of his projects, in Maine and Colorado. He received his B.Arch from Carnegie Mellon University in Pittsburgh in 1991 and has not slowed down since.

Phil's efforts in addition to the PSA and his professional practice have been numerous. He has presided as exhibition juror, guest critic, and has most recently served as Adjunct Professor of Architecture at the University of Maine at Augusta. He serves on the board of directors at the Holocaust and Human Rights Center in Augusta, Maine. Phil has written a monthly architectural critique column for Portland Magazine called Inside Story that focuses primarily on non-traditional residences throughout the state of Maine. He served as Co-curator of a traveling exhibition for the internationally recognized Center For Furniture Craftsmanship in Rockport, Maine called Getting Personal: Maine Architects Design Furniture.

As a LEED Accredited Professional, he is committed to sustainable design in his practice, including strategies that promote energy efficiency and high-level building performance. He believes strongly in a team approach to both design and construction, one where all parties work together, taking one step at a time, to end up with a project that is not only tailored to each client specifically, but also comes in on budget.

**Recent Representative Projects Include:**

Greensward Hamlet Co-Housing: A green Co-Housing Community in Buxton, Maine with the goal of affordability and no fossil fuels. This community is comprised of five multi-unit buildings of 4-5 units each and one common house for a total of 38,000 sf of housing. Buildings will use ICF construction and will be super-insulated. Extensive site planning early and collaboration among stakeholders has lead to both site and architectural strategies that enhance the experience of the community. This project is going for **LEED** certification.

MacLehose/Hayden Residence: A new 1,600 sf home in Falmouth, ME, which balances the need for affordability with the desire for maximum sustainability. Working closely from the onset, architect, builder and client have collaborated to devise design and construction strategies that will ensure a tight and efficient house. This house is going for **LEED** certification.

Barn Door's Open: Set on a wooded lot, about 300 feet back from a well-traveled road in Falmouth, Maine, this house was designed for a growing family in such a way as to provide plenty of space as well as maximum value. The concept was to emulate the feel of an old rural board-and-batten barn that looked as though it had always been there, but had been recently renovated - with some large glass, modern amenities and an added layer of contemporary architectural character. The owners had recently salvaged some of the remaining timbers of a vintage 1700's barn for reuse in the new space.

KAPLAN THOMPSON
ARCHITECTS

# **Jesse Thompson** AIA, LEED-AP

PRINCIPAL, Kaplan Thompson Architects

Jesse is a Registered Architect and LEED accredited professional. He is a member of the PSA (Portland Society of Architects), serves on its Regulatory Committee, and is dedicated to reforming our land use regulations that stand in the way of a better designed environment. He is currently assisting Habitat for Humanity Portland in designing their first LEED Certified project. He has focused for many years on crafting buildings that bring beauty to people's lives, while living lightly on the earth. Jesse joined Kaplan Thompson Architects in the winter of 2005 and brings a broad project history with experience in many building types. He received his Bachelor of Architecture from the University of Oregon in 1995. Jesse has practiced in Vermont, Maine and Massachusetts.

Jesse grew up in the Northeast Kingdom of Vermont, and lives in the Deering neighborhood of Portland with his family. He came to Kaplan Thompson Architects from Scott Simons Architects in Portland, where he was a project manager for a large and varied list of clients and building types. Projects ranged from designing intimate residential additions to managing a $40,000,000 mid-rise luxury condominium project. Jesse's portfolio straddles the residential and commercial worlds, and represents a deep knowledge of modern construction types and project planning.

Jesse's skills include proficiency at cutting-edge computer graphics and design technologies, as well as high-performance building detailing for energy efficiency, durability, and beauty. His passion for fresh, innovative design, his technical proficiency, and his eye for accuracy and detail help ensure that all project documents issued meet the highest standards of professional quality. Jesse's mission is to take an active role in creating a bright green future for all of us.

Representative Projects Include:

Metro Green: A new green urban infill residence in Arlington, VA. Significant green features include the use of SIPS construction, incorporation of a green roof, use of stormwater chambers to store and reuse captured rainwater, and solar thermal collectors for domestic hot water as well as solar PV panels to create electricity. This project is on track to receive a **LEED Platinum** rating.

Carter Residence: This 1,600 sf three bedroom house was constructed for about $110/sf while incorporating beautiful design and energy efficiency strategies. Because the outside walls are highly insulated and efficient low-e windows are used, the house is heated by an highly efficient and compact boiler. The compact floor plan allows heat to move throughout the house without a complex and expensive water distribution system. The combination of low first costs and systems that will not require great energy input in the future, this house is insured affordability now and in the future.

BrightBuilt Barn: This 740 sf net zero, super-insulated, pre-fabricated studio/workshop in Rockland, Maine will not require a furnace! KTA has led a year long collaborative process of experts in sustainable design and construction to carefully craft this extraorindarily efficient building. The goals of this project are to be sustainable, educational, affordable, replicable, disentangled and beautiful. This building is on track to receive a **LEED Platinum** rating and is a participant in the **Cascadia Living Building Challenge** which strives for complete sustainable systems which reach beyond some of the trade-offs allowed by the LEED point system.

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# *michael boucher landscape architecture*

## *OFFICE*

**michael boucher landscape architecture** is a professional design firm located in southern Maine. **mbla** was founded in 1994, commencing a series of ongoing collaborations with nationally and internationally distinguished architecture firms. We are currently teamed with several well-known architects, working together to design various institutional, cultural, arts and residential projects located throughout the United States. We are especially interested in successfully integrating new architecture and site designs into existing landscapes. We welcome the opportunity to serve clients who seek innovative and distinctive solutions for their projects.

Michael Boucher has practiced landscape architecture for well over 20 years. He completed a bachelor of science in environmental design, cum laude, at the University of Massachusetts at Amherst, and master of landscape architecture at Harvard's Graduate School of Design. He lives in Freeport, Maine with his wife and two sons.

## *APPROACH*

mbla offers a full range of site planning and landscape architecture services, often within multi-disciplinary design teams, and we are experienced in designing and managing projects of many types and sizes. We believe that all projects, regardless of scale or budget, deserve enthusiastic exploration, and that a successful project results from generating a comprehensive concept encompassing all design disciplines. The firm is service-minded, respecting the visions, needs, and resources of each client and project, and we insist on frank and open discussions with our clients and colleagues throughout the design process.

## *DESIGN*

We strive to create elegant and lasting landscapes. Our designs often explore the interplay between buildings, site structures and the natural environment, with a focus on space-making and movement through the landscape. We take clues from nature: geology, vegetation, topography and climate, without attempting to replicate nature's patterns. Instead, our designs often merge architectural intentions and site dynamics, as we help to site buildings and shape the land around them. We also consider the cultural context of a site and how our clients intend to inhabit their new buildings and landscapes.

Within a design framework, we employ plants to reinforce overall design intent, circulation and spatial patterns; to frame views; and to punctuate seasonal change, often favoring indigenous species. Plantings are also utilized to add texture and color to the broader landscape and to help heal sites from the inherent damage of the construction process. Although plants are an important ingredient in creating new landscapes, we do not rely on plants alone to define landscape spaces or use them as mere decorations in otherwise unordered spaces.

Very often, a good building is the most compelling landscape feature, and well-designed buildings lead to exciting possibilities for rich site design. Much of our work is prepared in collaboration with architects for the creation of new buildings; together we work to integrate site projects with the broader public landscape; to develop the architecture to fit the site itself; and to design landscapes as a direct extension of thoughtful architecture.

**Vita**

**Michael Boucher** | Principal

As Principal-in-Charge, Michael is the primary client contact and oversees all services performed by mbla. Michael is responsible for all aspects of design, oversight of the project team and collaboration with team members.

Born and raised in eastern Maine, Michael Boucher has practiced landscape architecture for over 25 years. His project experience includes site planning and design for public and private universities, for parks, residential properties, and various types and scales of land development throughout the US. In additional to practice, Michael has taught at MIT, and participated in student reviews at a number of universities across the country including MIT, Harvard Graduate School of Design, Arizona State University.

Michael also enjoys running, skiing, cooking and jazz drumming, and lives in Freeport, Maine with his wife, Elizabeth, a nutrition educator and author, and two active, teenage sons.

EDUCATION
Harvard Graduate School of Design
Cambridge, Massachusetts
Master of Landscape Architecture 1985

University of Massachusetts
Amherst, Massachusetts
Bachelor of Science, cum laude
Environmental Design 1981

University of Maine
Orono, Maine
Associate in Science,
Plant & Soil Technology 1979

PROFESSIONAL REGISTRATION
Michael is CLARB certified, and a licensed/registered landscape architect in the following states:
Maine, Massachusetts, New York, Pennsylvania (inactive) North Carolina, Colorado, Montana, Idaho, Utah and Arizona

PREVIOUS EXPERIENCE
Prior to founding the firm in 1994, Michael worked as project manager and Associate in a number of well-known design and planning offices in Cambridge, Massachusetts, Seattle, Washington and southern Maine

ACADEMIC POSITIONS
Massachusetts Institute of Technology
Cambridge, Massachusetts
Department of Architecture
Visiting Studio Instructor
Spring 1996, Fall 1997, Fall 1999
Studio Consultant, Fall 2001
Thesis reader/advisor: Fall 2002, Spring 2004,
Fall 2004, Fall 2005

STUDIO CRITIC
Arizona State University
Boston Architectural Center
Harvard Graduate School of Design
Massachusetts Institute of Technology
University of Maine
University of Washington

PUBLIC SERVICE
ARCHITALX Design Lecture Committee
Member, 1997-1998
Advisor, 1998-1999, 2006, 2007, 2008

Freeport Conservation Commission
Member, 1991-1993

Maine Audubon Mast Landing Sanctuary
Long Range Planning Task Force 1994-1995

West School / Portland Partnership,
Instruction, Master Planning 1995, 1997

Licensure Committee
Maine Section of the Boston Chapter, of the
American Society of Landscape Architects

For complete staff listings please see our website: www.boucherlandscape.com

# Denise Cameron, P.E.

**Project Manager**

**Education:** University of Cincinnati, Cincinnati, OH
BS Civil Engineering, 1999
Masters of Business Administration, 2005

**Registrations:** Professional Engineer - Maine

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Ms. Cameron has 8 years experience in the fields of civil/environmental engineering and construction management. Her experience includes site planning, site layout, local, state and federal permitting, subdivision design, stormwater drainage analysis, construction supervision, cost estimating and site inspection services.

## Project Experience

- *Agatha James Complex, Kennebunk, Maine:* Project Engineer responsible for the design and permitting of a 6-unit commercial condominium and 16-unit residential condominium complex. Responsibilities included grading, site layout, road design, utility design, stormwater management infrastructure, erosion and sedimentation control, municipal representation and permitting through the Town of Kennebunk and the Maine Department of Environmental Protection.

- *Presumpscot Cove Condominiums, Gorham, Maine:* Project Engineer responsible for the design and permitting of a proposed 12-unit condominium complex. Responsibilities include grading, stormwater management, utility and pump station design, erosion and sedimentation controls, and permitting through the Town of Gorham, Army Corps of Engineers, and the Maine Department of Environmental Protection for both a Stormwater Management Permit and a Tier 1 NRPA Wetland Alterations Permit.

- *Bayley Campground Expansion, Scarborough, Maine:* Project Engineer responsible for the design and permitting of a proposed 181-site campground expansion. Responsibilities included the design of erosion and sedimentation control, grading, roadway design and permitting through the Town of Scarborough, the Army Corps of Engineers, and the Maine Department of Environmental Protection for Site Location Review.

- *CVS Pharmacy, Saco, Maine:* Project Engineer responsible for the design and permitting of a proposed pharmacy on Route One in Saco. Responsibilities included earthwork and grading design, stormwater management design, off-site traffic improvements to Route 1 and permitting through the Town of Saco, Maine Department of Transportation, and the Maine Department of Environmental Protection for Stormwater Review.

- *Frenette Flood Study, North Hampton, New Hampshire:* Project Engineer responsible for a flood study of a residential property. The purpose of the study was to re-define the 100-year floodplain near the site. The project included creating a hydraulic model utilizing SCS-TR20 methods and FEMA's Quick-2 Software for the Computations of Water Surface Elevations in Open Channels. Responsibilities included the establishment of a new floodplain and the certification of the new flood elevation with FEMA.

- *Stephen Eaton Lane Apartments, Wells, Maine:* Project Engineer responsible for the design and permitting of site improvements to an apartment complex. Responsibilities included grading, stormwater management, sewer and water line design, erosion and sedimentation controls, and municipal representation.

- *Beachwalk at Pine Point, Scarborough, Maine:* Project Engineer responsible for the design and permitting of a 9-lot subdivision in Scarborough, Maine. Responsibilities included, road design, grading design, stormwater management, and permitting through the Town of Scarborough and the Maine Department of Environmental Protection for a NRPA Coastal Sand Dune Permit.

- *Rivergreen Bank Flood Study and Site Plan, York, Maine:* Project Engineer responsible for the site design, hydraulic modeling, and permitting of a new bank branch. The project included redefining the 100-year floodplain based upon SCS-TR20 methods and FEMA's Quick-2 Software for the Computations of Water Surface Elevations in Open Channels. Responsibilities included FEMA Flood Certification, grading, site layout, drainage design, and permitting through the Town of York.

- *Ceco Concrete Construction Formwork Design, Ohio, Indiana, and Kentucky:* Project Engineer responsible for the design of structural formwork, reshoring, and bracing for over 20 large concrete structures, including numerous university buildings, a luxury condominium tower, parking garages, a federal courthouse, and several hospital buildings. Responsibilities included structural designs, construction quality inspections, cost estimating, plan review, safety management, and coordination with construction personnel.

- *Zion Transit and Cultural Center, Dayton Ohio:* Project Manager responsible for all aspects of the construction supervision and administration. This 1.4 million dollar project included the renovation of an abandoned church, the construction of a new building addition, and associated site work. Responsibilities included subcontractor supervision, coordination of utilities, budget and schedule management, safety and quality inspections, submittal and shop drawing review, cost estimating, contract review, progress reports and payment quantification, and communication/coordination with project stakeholders.

- *Wright State University Russ Engineering Center, Dayton, Ohio:* Project Manager responsible for all aspects of the construction supervision and administration. This 6.5 million dollar project included the construction of a 4 story educational building, retaining walls, and associated site work. Responsibilities included on-site contractor supervision, coordination of utilities, budget and schedule management, safety and quality inspections, submittal and shop drawing review, cost estimating, contract review, progress reports and payment quantification, construction layout, and communication/coordination with project stakeholders.

# Lee D. Allen, P.E.
**Principal**

**Education:** University of New Hampshire, Durham, NH
BS Civil Engineering, 1993

**Registrations:** Professional Engineer- New Hampshire & Maine

**Professional Affiliations:** Member - American Society of Civil Engineers

**Certifications:** Master Modeler-Water Surface Profiling using HEC-RAS from Haestad Methods
Navigating the FEMA Approval Process from Haestad Methods

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Mr. Allen has 15 years experience in the fields of site/civil, environmental, water resources and highway engineering. His experience includes site planning, site layout, local, state and federal permitting, wetland mitigation design, preliminary and final drainage layout and analysis, seawater system design, construction supervision and inspection, as well as hydraulic and hydrologic computer modeling.

## Project Experience

- *Village at Little Falls, Windham, ME:* Project Director responsible for the design and permitting of an 82-unit condominium development along the Presumpscot River. Permitting included Town of Windham Planning Board and Town Council approval of contract zone and design plans. Permitting also required FEMA Conditional Letter of Revision (CLOMR), DEP Site Location Permit, and full Natural Resource Protection Act (NRPA) permit. Project is complete and awaiting financial backing to move into the construction phase.

- *Town of Standish, Peer Review, Standish, ME:* Peer review engineer and construction inspector on a few road construction projects and subdivision plan reviews. Responsibilities included construction inspection at critical junctures of construction, pay down requests, peer review comment letters and correspondence with Town officials.

- *Town of Hillsborough, Site Plan Review, Hillsborough, NH:* Project Engineer for review and comment on a proposed Shaw's Supermarket and Hannaford Brother's Supermarket. Responsibilities included the review of grading, storm water management, wetland impacts and mitigation, permit review, erosion and sedimentation controls, construction sequence, sanitary sewer, water distribution, utilities and flood plain impacts. Also responsible for the preparation of the comment letter to the consulting engineer and town, as well as the resolution of each comment with the consulting engineer.

- *Town of Scarborough Dock and Pier, Scarborough, ME:* Project Manager for the conceptual design and expansion of the Town Pier and Dock for Commercial Fishing. Responsibilities include coordination with the Town of Scarborough, Fisherman's Co-Op and Harbormaster. Preparation of plans and initiating the permitting process.

- *Bayley Campround, Scarborough, ME:* Project Manager for the design and permitting of 181 camp site expansion. Project included the design of stormwater treatment facilities and the preparation of a Site Location of Development Permit Application. Three existing man-made ponds were retrofitted to function as wet ponds with gravel filters around the perimeter.

- *Cole Farm Estates, Scarborough, ME:* Project Manager for the design and permitting of a 10 lot subdivision abutting the Atlantic Ocean. The project included the design of stormwater treatment areas, waterline design and 5,000 lf of road design. Responsibilities included the definition of easements, road and drainage design, and permitting through the Town of Scarborough and Maine Department of Environmental Protection.

- *Laconia Police Station, Laconia, NH:* Project Engineer for the construction of a new two story 8,250 sf police station. Responsibilities include the supervision of the preparation of the site

plans, reviewing drainage calculations and report, assisting in the coordination with the utility companies, preparing local and state permit applications and coordinating with the Architect.

- *New Hampshire Municipal Building, Concord, NH:* Project Manager for the addition of 16,000 sf of office, conference and storage space. Responsibilities included the supervision of site plans, utility coordination, drainage design, survey coordination, planning board approval and coordination with the Contractor and Architect.

- *Beals Island Regional Shellfish Hatchery, Beals, ME:* Project Engineer for the feasibility study of the expansion of an aquaculture facility. Responsibilities included the schematic design and layout of a new hatchery / teaching facility and associated seawater system. The project also included the preparation of a permit screening report, description of the construction activities necessary to construct the hatchery and renderings to assist in the fund raising process.

- *High Winds on Broad Cove, Yarmouth, ME:* Project Manager for the design and permitting of an upscale 18 lot subdivision abutting environmentally sensitive Broad Cove and Pittee Creek. The project included stormwater treatment, low pressure sewer, water main and 3,200 lf of road. Permitting included DEP Site Location of Development Permit, a full NRPA permit for a dock and pier and Subdivison approval through the Town of Yarmouth.

- *Keene-Swanzey, Final Highway Design, NHDOT, Keene, NH:* Project Engineer for the final design of the reconstruction of NH Routes 9, 10, 12, 32, and 101, totaling approximately 14 miles of new, temporary or reconstructed roadways. These improvements include two new interchanges, a trumpet and a single point diamond interchange. Responsibilities included the hydraulic analysis of three bridges and scour analysis on two bridges. Also designed preliminary drainage systems for the entire project and reviewed the final drainage designs and reports.

- *US Route 4 over the Merrimack River, NHDOT, Boscawen-Canterbury, NH:* Project Engineer responsible for the hydraulic analysis of the proposed 580', 4-span bridge carrying Route 4 over the Merrimack River. Responsibilities included the preparation of a Hydraulics Report that considered the effects of the proposed bridge on water surface elevations, ice jams, and scour. Responsibilities also included the supervision of the hydraulic modeling, ice jam modeling, and scour calculations. This project was fast-tracked, complete bridge design was completed in under 6 months.

- *Waterville Valley Flood Study, Waterville Valley, NH:* Project Engineer for the flood study for the town of Waterville Valley. The purpose of the study was to redefine the 100-year floodplain to the corporate limits. The project included creating an existing hydraulic model utilizing HEC-RAS of the entire town of Waterville Valley. The 100-year flows were recalculated using regression curves determined by the USGS Water Resources Division. The Town is expected to submit this information to FEMA for a formal flood plain map revision.

- *Alternative Studies to Replace NH Rte 119 Bridges over the Connecticut River, NHDOT, Hinsdale, NH - Brattleboro, VT:* Project Engineer for the preparation of the Hydraulics Report for the alternative with the greatest potential hydraulic impact. Responsibilities included the supervision of the preparation of the hydraulic modeling and scour calculations, data collection efforts. Responsibilities also included correspondence and coordination with Department of Transportation regarding potential regarding the results of the report.

- *Bridge #4 over the Seymour River, Cambridge, VT:* Project Engineer for the final design of a bridge rehabilitation project over the Seymour River. Responsibilities included gathering data from FEMA, USGS Water Resources Division, VAOT Hydraulics Department, and the Town. A HEC-RAS model was prepared from the data. The proposed bridge was added to the model and an analysis was performed preparing existing and proposed conditions. The results were summarized in a Hydraulics Report that was submitted to the VAOT and has been approved.

- *Tenney Bridge, Town of Rockingham and VAOT, Village of Saxtons River, VT:* Project Engineer for the hydraulic analysis and report for proposed bridge replacement over the Saxton's River. The existing 3 span structure is to be replaced by a single span. Responsibilities included the preparation of the hydraulics and scour report, and supervision of the modeling and scour calculations.

- *Concord-Laconia, Route 106, Concord, NH:* Project Engineer responsible for the analysis and preparation of an extensive flood study along the Route 106 corridor from Concord to Belmont. Responsibilities included the preliminary design of wetland/flood plain mitigation sites and a flood impact study of five sites where bridges and box culverts would potentially cause flooding due to the proposed improvements.

- *University of New England, Marine Science Center, Biddeford, ME:* Project Engineer for the site layout and development of seawater system plans for Mammal Rehabilitation Facility and Marine Research Facility housed within the Marine Science Center. Responsibilities included the design of the intake structures, intake pipes, pump house, pump sizing, vacuum priming system, 500,000 gallon storage tank, laboratory pumps, head tanks, chlorination system, pipe distribution system, drainage system and outlet structures. Also developed site grading, drainage and erosion control plans. Also participated in the testing and seawater system commissioning process.

- *Carroll County, Ossipee, NH:* Project Engineer for the design of a 73 bed jail and wastewater upgrades for the entire complex. Responsibilities included the oversight of the site design, drainage design, local, state and federal permitting, and construction inspection. Responsibilities for the wastewater upgrades included the preparation of the Alternatives Analysis, application for SRF Funding, coordination with Architect, Contractor, and Owner, design of the preferred alternative and ultimately construction inspection and administration. The project is to be completed by the summer of 2003.

- *North Country Correctional Facility, Berlin, NH:* Project Engineer responsible for the preparation of a conceptual site plan, an alignment analysis to determine the best route for the access road, the preparation of plans and narrative that were submitted to the NHDOT Bureau of Public Works for the selection process, and final site/civil design and permitting. This design build project consisted of the design of a 1,000 bed correctional facility, 2,400 ft access road, parking for 400 vehicles and utility design for sewer, water and storm water.

- *Southern State Correctional Facility, Springfield, VT:* Project Engineer for the design build of a 500-bed prison. Responsibilities included the site layout and access road for the proposal. Design responsibilities included the supervision of the grading, drainage, and site layout. Permitting responsibilities included the preparation of State of Vermont Stormwater Discharge Permit, State of Vermont Wastewater Discharge Permit, State of Vermont Wastewater/Water Quality Permit and supporting documents for the ACT 250 Permit. Also, prepared access road alternative report to fulfill Act 250 requirements.

- *Jackson Sidewalk Reconstruction, Jackson, NH:* Project Engineer for the reconstruction of 2,950 ft of sidewalk along NH Route 16A. Responsibilities included supervision of plan preparation, review of cost estimating, assistance in preparing bid documents and specifications, and assistance in preparing the Categorical Exclusion document.

- *Pembroke Library, Pembroke, NH:* Project Engineer/Manager for the construction of a new 8,900 sf library. Responsibilities included the supervision of site grading, drainage design, utility coordination, sewer design, water design, and permitting. Construction of the project was completed late fall 2003.

- *Quivett Creek Salt Marsh Restoration, Brewster & Dennis, MA:* Project Engineer for the design of a culvert to increase tidal flow to the Quivett Creek Salt Marsh. Responsibilities involved the analysis of automated tide elevation data, reviewing and assisting in the computer modeling of the existing and proposed culverts. A preferred alternative was selected based upon abutter concerns for flooding adjacent homes and the ability of the culvert to increase fish passage upstream. Responsibilities also included the review and preparation of the design plans and summary report. The design plans also included the construction of approximately 1,000 lf of a new bike path.

- Namskaket Salt Marsh Restoration, Brewster & Orleans, MA: Project Engineer for the design of a culvert to increase the tidal flow to the Namskaket Salt Marsh. Responsibilities included the modeling of the existing culvert and proposed culvert replacement options. A preferred alternative was selected based upon costs, ecological benefits and proposed limits of salt water inundation. Responsibilities also included the preparation of design plans and a summary report describing the design and selection process, and the benefits to the marsh.

- Bridge Creek Salt Marsh Restoration, Barnstable, MA: Project Engineer for the design of a culvert to increase tidal flow to the Bridge Creek Salt Marsh. Responsibilities included reviewing and assisting in the culvert modeling effort, the review of tidal elevation data, and the preparation of a preliminary cost estimate to assist the Executive Office of Environmental Affairs (EOEA) in securing funding for the project.

**David Whitten, Real Estate Broker**
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Whitten Properties is a locally-owned, indpendent Maine real estate agency based just outside of Portland. David Whitten is a native Mainer whose breadth of experience and enthusiasm for everything he does make him an ideal real estate broker for both buyers and sellers. David graduated from The Evergreen State College in Olympia, WA and is currently enrolled in the graduate certificate program in Sustainable Design at the Boston Architectural College. David currently lives in the greater Portland area. He works with buyers and sellers throughout the region, but specializes in selling real estate in Portland, South Portland, Cape Elizabeth, Scarborough, Westbrook, Gorham and Falmouth.

Whitten Properties is a member of the Portland Board of Realtors, Maine Association of Realtors, National Association of Realtors, Maine Real Estate & Development Association, Greater Portland Housing Association, US Green Building Council, Northeast Sustainable Energy Association and Maine Businesses for Social Responsibility.