

Project: Eastview at Middlebury

Models for Medical Office Buildings

Dartmouth Hitchcock, Frisbie Pediatrics, Kingwood MOB and Ottauquechee Health Center

Medical Office Buildings (MOBs) have proven to be a sustainable business model for the healthcare industry, allowing providers to offer cost effective outpatient services. DEW and MacMillin have responded to the market by recently completing MOB's for Dartmouth Hitchcock Medical Center and Frisbie Memorial Hospital. Currently, DEW is constructing Gifford Medical Center's Kingwood MOB in Randolph, VT and MacMillin has begun renovations on the Ottauquechee Health Center in Woodstock, VT.

Dartmouth Hitchcock's Heater Road MOB in Lebanon, NH is a clear example of



Photo: Joseph St. Pierre

Heater Road Medical Office Building

integrated design and the benefits of **Building Information Modeling (BIM)**. Working with Lavalée Brensinger Architects, the process saved the owner significant time and money and allowed for a completely predictable outcome.



Photo: Ann Wiedman, JSA, Inc.

Children's Waiting Area at Frisbie Pediatrics

HEATER ROAD MOB BIM IMPLEMENTATION

- Facility Statistics:** 102,750 sf, 3 stories, 7 service departments
- Preconstruction:** DEW managed and assembled models to provide clash detection and coordination.
- Construction:** BIM tools allowed the team to view real-time construction progress. Construction models became as-built models.
- Post-Construction:** DEW is assembling an as-built Facilities Management (FM)-BIM package that the Dartmouth Hitchcock FM team can use to provide better efficiencies in the future operations and life cycle management of the building.

RECENTLY COMPLETED PROJECTS



Redstone Lofts

University of Vermont
Burlington, VT

Photo: Sally McCay

DEW was hired as Construction Manager by Redstone Development to build a 169,000 SF, 403 bed, multi story, multi building apartment complex on the University of Vermont campus.

The LEED Silver Registered project contains a mix of studio, one-, two-, three- and four-bedroom loft style apartments. Both buildings contain open on grade parking underneath.

The two buildings are connected by "the Lantern" which serves as a gathering place for students and contains a lounge, game room and small exercise area.

Size: 169,000 square feet

Owner: Redstone Development

Architect: Youkel

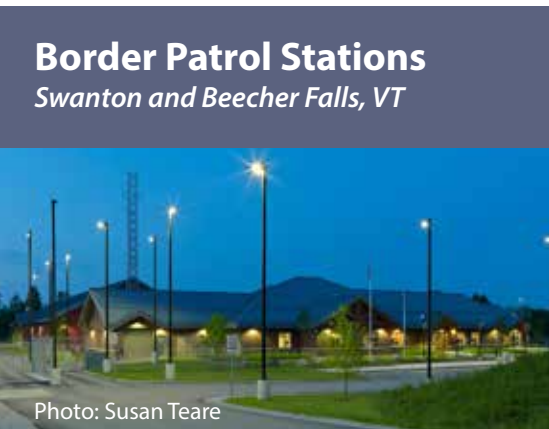


Photo: Susan Teare

Size: (2) 62,000 square feet
Owner: US Federal Government
Architect: TruexCullins

MacMillin completed construction of two new Border Patrol Stations, each approximately 62,000 sf. The stations include sally ports, holding cells, K-9 facilities and indoor parking for emergency vehicles. Both facilities provide a geothermal system for heating and cooling. Both projects are on track for LEED™ Silver Certification.



Photo: Sally McCay

Castleton State College Hoff Hall & Facilities Barn

Castleton, VT

Size: 43,290 square feet
Owner: Castleton State College
Architect: JMZ Architects & Planners

DEW recently completed the construction of a new 162 bed dorm with residential lounges, kitchens and balconies that overlook the College's athletic fields.

This LEED Registered project has solar panels on top of the building that add to the high tech scheme and the solar array is one of the largest in Vermont. The 120 panels generate 28.8 kilowatts of capacity, which, according to Castleton's Dean of Administration, Scott Dikeman, can provide 1/10 of the college's annual need.

The Facilities Barn is a new building housing 5,500 square feet of office space and 7,000 square feet of partially heated space for equipment storage.

RECENTLY COMPLETED PROJECTS



Eastview at Middlebury Middlebury, VT

Photo: Susan Teare

This DEW Construction Management project consisted of an 85,000 sf “Inn” building with 37 independent living apartments, 18 assisted living apartments, 16 “special care” suites for residents with memory loss, and a range of community facilities.

The project also included 30 Independent Living Cottages with open floor plans, attached garages, porches or sunroom and outdoor terraces.

The buildings incorporated green materials for interior finishes and included efficient mechanical and lighting systems.

Size: 128,000 square feet

Owner: Eastview at Middlebury

Architect: Gawron Turgeon Architects

Breadloaf Inn Foundation Replacement - Middlebury, VT



Size: 8,600 square feet

Owner: Middlebury College

Engineer: Phelps Engineering

This DEW project consisted of the installation of a new basement and associated site, mechanical and electrical work.

The existing foundation was mostly fieldstone with some concrete and required major excavation and construction. Too large for normal jacking, the building was lifted with cribbing to allow room for the required excavation and new concrete foundation.

Dana Biomedical Library Hanover, NH



Photo: Al Karevy

Size: 8,800 square feet

Owner: Dartmouth College

Architect: ADD Inc.

MacMillin renovated the third floor of 37 Dewey Field Road on the main campus of Dartmouth College. The new space is now home to the Dana Biomedical Library. The fast track construction schedule on the occupied building included modifications to the MEP systems and a complete reconfiguration of the space for functional and esthetic improvements.

OTHER RECENTLY COMPLETED PROJECTS

- ▶ 802 Toyota - Barre, VT
- ▶ Bombardier Mass Transit Mezzanine - Plattsburgh, NY
- ▶ Castleton State College Pavilion - Castleton, VT
- ▶ Commonwealth Dairy Administration - Brattleboro, VT
- ▶ Enosburg Health Center - Enosburg, VT
- ▶ Frisbie Memorial Hospital Pediatrics - Rochester, NH
- ▶ Grafton Biomass District Heating - North Haverhill, NH
- ▶ Healthy Living Market - Saratoga, NY
- ▶ Peerless Clothing Expansion - St. Albans, VT
- ▶ Price Chopper Renovation - St. Albans, VT
- ▶ St. Albans City School Renovations Phase 2 - St. Albans, VT
- ▶ Walier Chevrolet - Keene, NH

PROJECTS UNDER CONSTRUCTION

Barre City Place will be a new, 4-story, 81,700 square foot mixed use commercial building with retail and medical rehabilitation tenants on the first floor. The second floor of the building will house State of Vermont and Central Vermont Medical Center administrative offices and the third floor and fourth floor will house the Department of Education.

The Main Street facade is designed to blend in to the historic street scape with the use of brick and granite.

The building is being built in conjunction with Efficiency Vermont as a high performance building.

Size: 81,700 square feet
Owner: DEW Properties, LLC.
Architect: Banwell Architects



Barre City Place

Barre, VT

Bombardier Mass Transit Expansion - Plattsburgh, NY



Size: 87,000 square feet
Owner: Bombardier Mass Transit Corp.
Architect: Wiemann Lamphere

DEW was hired as Construction Manager to construct an addition to an existing industrial building/light-rail train factory.

The project consists of two additions, a 56' high/64,000 sf north addition, and a 35' high/23,000 sf west addition.

River Valley Community College - Claremont, NH



Size: 35,000 square feet
Owner: River Valley Community College
Architect: Lavalle Brensinger

MacMillin has been selected to serve as River Valley Community College's construction manager for the next two contract years. The first project includes renovations to the main campus building including labs, medical technology classrooms and administrative offices. MacMillin built the original facility in 1968 - a modern, energy efficient design by Banwell Architects of Lebanon, NH.

Wal-Mart Supercenter

St. Albans, VT



Photo: Susan Teare

Size: 148,000 square feet
Owner: Wal-Mart, Inc.
Architect: PB2 Architecture

DEW is the General Contractor for this new 148,000 square foot Wal-Mart retail center that includes a garden center, auto center, grocery and refrigerated grocery, hair salon, pharmacy and a Subway restaurant.

This project includes extensive site work and storm-water retention measures.

PROJECTS UNDER CONSTRUCTION

Riverhouse offers 72 luxury loft, one-bedroom, and two-bedroom apartment residences.

Amenities include a fitness center, a generous lobby with two seating lounges, fireplace, intercom and video surveillance security system, food service area connected to the large outdoor terrace with seating, barbecue area and gardens and structured covered parking.

Riverhouse is a modern interpretation of the Mill Building architecture found along the Winooski River that gives this neighborhood its authentic and historic character.

Size: 43,290 square feet

Owner: Redstone Development

Architect: Jutras Architecture



Riverhouse Apartments

Winooski, VT

Photo: Susan Teare

Cheshire County Court House - Keene, NH



Photo: Al Karevey

Size: 49,000 square feet

Owner: County of Cheshire

Architect: Northeast Collaborative

As Construction Manager, MacMillin was tasked with finding innovative solutions to develop a construction plan that met the owner's limited budget. MacMillin found close to \$1,000,000 of savings by applying our intensive value management process. The structure is unique in that it is comprised of Structural Insulated Panels (SIPs), wood bearing walls and structural steel.

Taft Corners Mixed Use

Williston, VT



Size: 29,500 square feet

Owner: J.L. Davis, Inc.

Architect: Wiemann Lamphere

DEW was hired to construct the 29,500 sf dynamic mixed-use retail and office complex adjacent to Maple Tree Place in Williston, VT.

Tenants include Verizon Wireless and Panera Bread, Supercuts, Weight Watchers and Aspen Dental.

DEW is currently completing the site work and the fit-up for Verizon.

OTHER PROJECTS CURRENTLY UNDER CONSTRUCTION

- ▶ Deerfield Valley Elementary School - *Wilmington, VT*
- ▶ Gifford Kingwood Medical Office Building - *Randolph, VT*
- ▶ Jay Peak Lodge and Townhouses II - *Jay Peak, Jay, VT*
- ▶ Louis Garneau Expansion - *Derby, VT*
- ▶ Mascoma Savings Bank - *Hartland, VT*
- ▶ Ottauquechee Health Center - *Woodstock, VT*
- ▶ RockTenn Co. Waste Water Treatment - *Swanton, VT*
- ▶ St. Albans City School Renovations Phase 3 - *St. Albans, VT*
- ▶ Jay Peak Stateside Hotel & Day Lodge - *Jay, VT*
- ▶ Twin Valley Middle/High School - *Whitingham, VT*

NOTEWORTHY



Photo: John Hession

Stonelea House

The detailed historic renovation of the 1857 lake house by MacMillin achieved zero-net energy use through optimal envelope design, a highly sophisticated MEP system, ground source heat pumps and solar panels. Additions included a new garage, new windows, new indoor pool, new synthetic slate roof, and new interior finishes. Daniel V. Scully Architects was awarded a design citation from AIA NH for their role in the project. The private residence was featured in the April issue of NH Home magazine.

Video Conferencing



Communication and customer service are an integral part of our business. With employees and customers located throughout Northern New England, it has quickly become clear that a voice only phone system is inadequate.

DEW|MacMillin installed video conferencing equipment allowing our employees and customers to collaborate face-to-face for meetings and training. Not only do we benefit from reduced travel costs and increased work efficiency, we also benefit by enhancing internal communications.

DEW|MacMillin is now incorporating video conferencing on our jobsites through mobile applications such as tablets and smartphones.



Photos: polycom.com

DEW|MacMillin Strengthens Management Team



Photo: Jeff Clarke

(left to right): Peter Wells, V.P., Operations; Jeff Davis, Executive V.P.; Mike Francis, C.F.O.; Mike Smith, V.P., Project Management; Matt Young, V.P., Preconstruction; Don Wells, President; Ken Hoepfner, V.P., NH

DEW |MacMillin recently added to and refocused our leadership team to better serve our clients and strengthen our internal and field operations.

- ▶ **Mike Smith, V.P., Project Management** manages our project management staff along with Peter Wells.
- ▶ **Ken Hoepfner, V.P.** oversees day-to-day operations for our MacMillin office.
- ▶ **Matt Young, V.P., Preconstruction** oversees preconstruction through schematic design including business development and BIM.
- ▶ **Peter Wells, V.P., Operations** manages our superintendents and our project managers.
- ▶ **Jeff Davis, Executive Vice President** oversees estimating, contracts and preconstruction through project turnover to project management staff.
- ▶ **Mike Francis, Chief Financial Officer** oversees all financial aspects of the company and individual projects.
- ▶ **Don Wells, President** will remain involved with all aspects of the company.

SUPERINTENDENT'S SCHOLARSHIPS AWARDED

The DEW Superintendent's Scholarship committee has recently awarded \$2,500 VSAC scholarships to two Vermont students looking to pursue construction/engineering degrees. Both plan to attend Vermont colleges. We would like to thank our selection committee members for their assistance with the selection process. Bill Nedde, Krebs & Lansing; Ken Pidgeon, Engineers Construction Inc., Jerry Francis, retired University of Vermont Professor, Larry Bertrand, DEW Superintendent and Don Wells, DEW President.



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