



IPF - Cavity-fill or Injected polyurethane foam

Project	Type	Completed	Location
Special Construction			
GNS Company	SIPs, Solar panels	1973 to 1978	Boston, Ma
Process Engineering	Cryogenic tank truck fleet	1979-80	Plastow, NH
Ranger Canoe	Molded canoe flotation parts	1982	Plymouth, NH
Marine flotation projects	Boats, barges, and floats	1982 - 2009	Northeast US
US Cold Regions Research Labs	Polar and Arctic facilities (12)	1985 - 2007	Hanover, NH
Burlington Airport	Steel framing	1986	Burlington, VT
Brown Furniture	Structural floor panel system	1986-88	W. Lebanon, NH
Northern Power - Arctic test fac.	Arctic research fac.	1989	Moretown, Vt
New York State Electric	Hydro dam floats	1990	Springfield, MA
Weyeth Corporation	Agglomerator & food prep facility	1991	Georgia, VT
Stone Transportation	Truck bodies	1993-95	Williamstown, VT
Vanwater and Rogers	Hazardous waste dewatering sys.	1995	Lewiston, ME
Britton Lumber	Lumber drying kilns	1995 & 1998	Ely, VT
L & K Equipment	Truck bodies	1996	Concord, NH
Cox Company, Inc.	Leclerc wind tunnel cold test fac.	1997	New York, NY
Ft. Lauderdale International Airport	Insulation and corrosion control	2002	Ft. Lauderdale, FL
ARRO Research facilities (1 - 5)	Antarctic research facility	2007 - 2010	Antarctica
Green Woodlands	Solar storage tank	2008	Lyme, NH
Apartments and Townhouses			
Fennell Apartments (3 units)	Wood-framed	1979	North Thetford, VT
Franklin Square (60 units)	Building Envelope Work	1988	Burlington, VT
Kendall at Hanover (250 units)	Ice dams / moisture	1994, 01, 03, 06	Hanover, NH
Lyme Apartments	Insulation/Ice dams	1996	Lyme, NH
Doral Greens Resort Properties	Steel and wood-framed	1997	White Plains, NY
Drewsville Affordable Housing*	Wood-framed	1997	Drewsville, NH
Jericho Village (98 apartments)	Moisture, frozen pipes	1999-2001	Weston, MA
Grafton County Senior Center	Air leakage/heat loss/QA	2000	Haverille, NH
Berkshire Elderly Housing Dev.	Masonry	2004	Pittsfield, MA
Everett-Hano Affordable Housing	Specialty Insulation	2004	Boston, MA
Stonegate at Weston	Moisture, frozen pipes	2004	Medford, MA
Beacon Capital (45 Townhouses)	Fire stopping - Precast	2004-05	Boston, MA
Ram Mgt. (Riverplace - 80 units)	Building Envelope Work	2005-6	S. Portland, ME



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Churches			
Singing Hills Christian Fellowship	Walk-in cooler	1983	Plainfield, NH
Hanover Friends Meeting House	Wood-framed	1983	Hanover, NH
N. Thetford Fed. Church	Wood-framed	1992, 2002	N. Thetford, VT
Fairlee Congregational Church	Wood-framed	1994	Fairlee, VT
Our Lady of Fatima	Wood-framed	1995	New London, NH
Condominiums and Hotels			
North Thetford Condos	Wood-framed	1979	N. Thetford, VT
Stone House Inn	Wood-framed w/ stone cladding	1982	N. Thetford, VT
Silver Maple Lodge	Wood-framed	1988	Fairlee, VT
Highridge Condominiums	Wood-framed	1982-1985	Killington, VT
Mountain Green Resort	Wood-framed	1985	Killington, VT
Mountain Reach Resort	Wood-framed	1986	Killington, VT
Trail Creek Condominiums	Wood-framed	1987	Killington, VT
Waterville Valley - Town Square	Wood-framed	1989	Waterville Valley, NH
Winterplace Condominiums	Wood-framed	1998-99	Ludlow, VT
Lake Morey Inn	Wood-framed	1990	Fairlee, Vermont
Wright Condominiums	Wood-framed	1995	Lake Placid, NY
Solitude Townhouses and Condos	Wood-framed	1996	Ludlow, VT
Mount Washington Place	Wood-framed	1998	Twin Mountain, NH
La Cortina Inn	Pool, Freezer	1999	Shelburne, VT
The Woods Condominiums	Wood-framed	2001-2002	Killington, VT
Mountain View Hotel/condos	Wood-framed	2002	Whitefield, NH
Commercial projects			
ABT Associates	Solar Office Building	1976-77	Cambridge, MA
Riverview Diner, Brattleboro, VT	Walk-in coolers	1984	Brattleboro, VT
Clough Honey Products	Process tank and equipment	1984	Littleton, NH
American Frozen Foods	Commercial freezers & coolers	1985	Burlington, VT
Vermont Yogurt	Walk-in cooler	1986	Lowell, VT
FOAM-TECH	Wood-framed	1985, 2001	N. Thetford, VT
Hanover Food Coop Market	Cooler and freezer floors	1986	Hanover, NH
Killington Market	Wood-framed, Freezer/cooler	1987	Killington, VT
Riverview Resources	Wood-framed	1987	Newbury, VT
Highridge Pool / Convention Center	Wood-framed	1987	Killington, VT
North Thetford Public Library	Wood-framed	1988	N. Thetford, VT



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Dartmouth Bookstore	Steel-framed	1991	Hanover, NH
Top Notch Recreational Facility	Steel and wood-framed	1993	Stowe, VT
WNCS Radio - Edward Flanagan	Wood-framed	1994	Montpelier, VT
Wing's Market and Deli	Masonry	1995	Fairlee, VT
Beaver Street Market	Cooler and freezer	1996, 2001	Keene, NH
Taftsville Post Office	Wood-framed	1997	Taftsville, VT
Ben & Jerry's Ice Cream	Specialty Insulation	1997	Middlesex, VT
Market Basket Food Store	Freezer & cooler projects (9)	1997-09	MA & NH
Blysedale Dairy	Cheese coolers, process rooms	1997, 1999	Corinth, VT
Liberal Beef '99	Walk-in cooler	1999	Claremont, NH
Turcos Markets	Walk-in coolers and freezer	1999	Yorktown, NY
Vermont History Center	Masonry	2001	Barre, VT
Casque and Gauntlet	Wood-framed	2002	Hanover, NH
Cedar Cirle Farm Stand	Underground pipeline	2002	East Thetford, VT
Red River Computer, Inc.	Masonry	2002	Lebanon, NH
Dartmouth Ski Area base lodge	Wood-framed - ice dams	2002	Lyme, NH
Harris Center for Conservation Ed.	Wood-framed	2003	Hancock, NH
Arrow Street Market	Steel-framed	2005	Cambridge, MA
AVA Gallery	Wood-framed	2006	Lebanon, NH

Government projects

Thetford volunteer Fire dept.	Masonry	1994	Post Mills, VT
City of Nashua - Public Works	Masonry	1999	Nashua, NH
Killington Town Pipeline	Insulated town waterline over river	2000	Killington, VT
Maine DOT - Casco Bay bridge	Pre-cast roof	2004	Portland, ME
Putney Town water line	Insulated town waterline under high	2004	Putney, VT

Historic Structures

The Wells National Estuarary Reserve*	Wood-framed, commercial	1996	York, ME
Norman Williams Public Library	Masonry & Wd-framed roof	2000	Woodstock, VT
Craftsbury School	Historical Renovation	2000	Craftsbury Com., VT
Good Neighbor Clinic*	Wood-framed - municipal	2002	White River Jct, VT
Harris Center for Conservation Ed.*	Wood-framed, residential	2002-2003	Hancock, NH



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Hospitals and Extended Care Facilities			
Kendal at Hanover - extended care	Wood-framed	1994, 95, 01, 03	Hanover, NH
DHMC	Isolation cavity fill	2003	Lebanon, NH
St. Elizabeths Hospital	Steel tubing	2007	Washington DC
Museums and Art Storage			
* On the National Register or In The Historic District			
Banwell Architects - Offices	Wood-framed, carriage house	1993-1995	Lebanon, NH
NH Hist. Society - Eagle Square*	Stone - galleries and offices	1994	Concord, NH
Currier Gallery of Art	Block and brick	1995	Mancheter, NH
Museum of our National Heritage	Moisture, sound control	1997	Lexington, MA
Allen Memorial Art Mus. (Venturi	Masonry Gallery, moisture	1998	Oberlin, OH
Ripin Art Gallery	Concrete Gallery	1998	Oberlin, OH
Vermont History Society*	Masonry, commercial	2002, 2004	Barre, VT
Solomon R. Guggenheim Museum*	Cast in Place Concrete	2007, 09	New York, N.Y.
Schools			
Proctor Academy - Bean Hall	Wood-framed	1982	Andover, NH
Thetford Elementary School	Masonry	1985	Thetford, VT
Monkton School	Masonry	1987	Monkton, VT
Middlebury College	Wood-framed	1989	Middlebury, VT
Plymouth State College	Masonry	1992	Plymouth, NH
Dartmouth College			
President's house	Wood-framed & masonry	1995	Hanover, NH
5 Ropeferry Road	Masonry	1995	Hanover, NH
Wellspring School	Wood-framed	1997	Chelsea, VT
Vermont Law School	Wood-framed	1998	Royalton, VT
Miller's Run School	Wood-framed	2002	Sheffield, VT
Rivendell Interstate School	SIPs roof	2002 - 2004	Orford, NH
Williams College Residence	Masonry & Wood-framed	2003	Williamstown, MA
Open Fields School	Masonry & Wood-framed	2003	Thetford Hill, VT
VT Technical College - SHAPE	Wood-framed roof	2004	Randolph, VT
South Londonderry School	Masonry	2004	S. Londonderry, VT
Molly Ockett Elementary School	Masonry	2004	Fryeburg, ME
Dharma (Insight Meditation)	Cooler/Freezer	2005	Barre, MA
Middlebury College - McCullough	Wood-framed & masonry	2008	Middlebury, VT



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Residential and Multi-family projects			
Sewall, Robert	Custom SIPS	1974	Lincolntonville Ctr., ME
Smith Residence	Wood-framed (1890)	1979	Bradford, NH
Underhill, Robert	Wood-framed	1981	Grantham, NH
Sweeney Residence	Wood-framed	1982	Etna, NH
Sharkey Residence	Stone house	1982	N. Thetford, VT
Teale Residence	Wood-framed	1982	Ely, VT
Valantine, Donald	Wood-framed	1982	Norwich, VT
Scotford, John	Stone house	1982	Thetford, VT
Stuart White	Ceiling panel and stick-framed walls	1982	Norwich, VT
Bent, Charles	Injected foundation cladding	1983	Caanan Lake, NH
Regan - Smith Residence	Wood-framed	1983	Hanover, NH
Steiner, Caroline	Wood-framed	1983	Thetford, VT
Yeager Residence	Stone house	1983-84	N. Thetford, VT
Hoagland, Mahlon	Timber-framed and custom panels	1984-1994	Thetford Ctr., VT
Dunham Residence	Wood-framed	1984	Hanover, NH
Palmer, Horace	Brick and Framed	1984	Bradford, VT
Emerson House	Wood-framed	1984	Norwich, VT
Mix Residence	Site-built roof panel on timber frame	1984	W. Fairlee, VT
Mayshark, Jim	Site-built roof panel on stick frame	1985	Campton, NH
Hoffman, Rick	Wood-framed	1985	Thetford, VT
Hemberger, Greg, AIA	Wood-framed	1985	Norwich, VT
Benn, Bernie	Wood-framed, infrainsulation	1985	Union Village, VT
Bernates Residence	Wood-framed	1985	Haverhill, NH
Briggs, Eleanore	Wood-framed	1985	Hancock, NH
Hoagland, Mahlon	Wood-framed	1986	Vinalhaven, ME
Breslaw Residence	Timber-framed	1986	Corinth, VT
Ames Residence	Brick-clad stick frame	1986	Norwich, VT
Eaton, Samuel	Wood-framed	1986	N. Thetford, VT
Winebaum, Sumner and Helen	Wood-framed - SIPS	1986	York, ME
Eliaades, Edward, J.	Custom panels on timber frame	1986	Hanover, NH
Oberkotter, Bob	Custom panels on timber frame	1986-87	Cornish, NH
Hoagland, Mahlon	Wood-framed	1987	Thetford Hill, VT
Allen Residence	Board and Batten siding?	1988	Bradford, VT
Rosenbaum, Marc - Energysmiths	Wood-framed	1988	Meriden, NH
Nichols, Lloyd	Wood-framed - Forms	1988	Lyme, NH
Barnard Residence	Timber-framed	1988	Norwich, VT



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Baird Residence	Wood-framed	1988	N. Newport,
Penfield, Donald	Wood-framed - SIPs	1987	Lyme, NH
Jacuud, Robert	Wood-framed - walls & roof	1989	N. Thetford, VT
Fennell, Henri	Wood-framed	1989-90	N. Thetford, VT
Vosburg, Nan	Wood-framed	1990	N. Thetford, VT
Crawford Residence	Wood-framed Victorian	1990	E. Corinth, VT
Little Residence	Timber-framed - SIPs	1990	Lyme Center, NH
Gilbrane Residence	Wood-framed	1990	Bradford, VT
Bilgen, Paul, AIA	Wood-framed	1990	Pittsfield, VT
Foster Residence	Wood-framed	1990	Thetford Ctr., VT
Masters Residence	Wood-framed - walls	1990	Cornish, NH
Lofgren/ Ellison Residence	Wood-framed - roof	1990	Norwich, VT
Hunter, Robert, AIA	Wood-framed	1990	Thetford Ctr., VT
David, Robert	Wood-framed	1990	Westmore
Higgins Residence	Wood-framed	1990	Essex Jct., VT
Polli, David	Brick and Wood-framed	1991	Bradford, VT
Taplin Residence	Stone house	1991	S. Strafford, VT
Fuchs Residence	Wood-framed - walls & roof	1991	Brewster, NY
Davies, Martha	Wood-framed	1992	E. Thetford, VT
Leach Camp	Wood-framed	1992	Fairlee, VT
Clark, Ray	Stone house	1993	Lyme, NH
Faulkner / Guion	Historic wood-frame	1993	Montpelier, VT
Eastridge Residence	Foam in-place garage ceiling	1993	Thetford, VT
Bornstien, Murray	Historic wood-frame	1993	Norwich, VT
Roberts Residence	Wood-framed	1993	Hanover, NH
Robbins, Jeff and Abby	Wood-framed	1994	Thetford, VT
Wood, Roger	Wood-framed	1995	Lancaster, NH
Stoneacre - Brady Residence	Wood-framed - stone cladding	1996	Gloucester, MA
Solnit Residence	Wood-framed	1996	Woodsville, NH
Alley Residence	Wood-framed	1996-2000	Greensboro, VT
Barret, Ruel	Wood-framed	1997	Thetford, VT
Griggs Residence	Wood-framed	1997 -98	Sunapee, NH
Margaret Helburn	Wood-framed	1988	Thetford, VT
Daigle, Louise	Wood-framed	1998, 2003	Ascutney, VT
Arnold, Charles	Wood-framed	1998	Etna, NH
Mason, Steven and Barbara	Stone-clad timber frame	1998	N. Thetford, VT
River House	Wood-framed	1999	Orford, NH
Granger Residence	Wood-framed	2000	Newfane, VT



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Osher Residence	Brick masonry	2000	Portland, ME
Penfield, Kent D.	Wood-framed	2000	Strafford, VT
Frankel, Howard	Wood-framed	2000	Thetford, VT
Fellows, Janet Residence	Stone house	2000	Ascutney, VT
Meacham Residence	Wood-framed	2000	Portland, ME
Peduto Residence	Wood-framed	2001	Bristol, NH
Tracy Residence	200 year old farm house	2001	Enfield, NH
Silloway Residence	Historic farm house	2001	Randolph Ctr., VT
Barker, Frank and Emily	Wood-framed	2002	Thetford Hill, VT
Turner, George, AIA	Wood-framed barn	2002	Hartland, VT
Senft-Miller Residence	Post and beam	2002	Colechester, VT
Midgley Residence	Wood-framed	2002	Manchester, VT
Valentine Residence	Wood-framed	2003	Newbury, VT
Brown Residence	Wood-framed	2003	Fairlee, VT
Harlowe Residence	Post and beam	2003	Bradford, VT
Pfeffer Residence	Wood-framed	2003	Etna, NH
Fullerton Residence	Brick & stone masonry	2003	Somerville, MA
Morse Residence	Log home	2003	Thetford Ctr., VT
Nixon Residence	Restored farm house	2003	Winchester, MA
Hammon Residence	Wood-framed	2008	Hanover, NH