



## **HELIOS LAND DESIGN** *resume for*

*Jeff Thibodeau, MLA, Principal*

*PO Box 100*

*Brewster, MA 02631*

*508-237-9000*

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### **Academic Background**

*Master of Landscape*

*Architecture, 1992*

*Cornell University*

*ASLA Honor Award for Excellence*

*Bachelor of Science, 1989*

*General Studies in*

*Agriculture*

*Cornell University*

*Graduated with Distinction*

*Land Conservation*

*Techniques, 1995*

*Cape Cod Community*

*College*

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## **INTRODUCTION**

Jeff Thibodeau has 15 years of professional experience in landscape architecture, environmental planning, natural resource management and restoration, open space and recreation planning and design with specific skills in design and drawing, plant and materials selection, project management, , public presentation, and writing. He has managed projects in land and water resource protection, recreational and institutional facility planning, and natural resource and wildlife habitat protection and rehabilitation throughout the country and abroad. As a site designer Jeff has worked on numerous residential, commercial and industrial projects across the country. As former Director of Land Protection for The Compact of Cape Cod Conservation Trusts, Jeff directed resource protection projects throughout the region. He has taught in numerous capacities and has authored several reports on resource management and protection.

## **PROFESSIONAL EXPERIENCE**

**Helios Land Design, 2005 - Present**

**Owner/Site Designer and Planner**

Providing site design, land use analysis and management plans, landscape design and environmental planning consultation for commercial and residential clients in all phases of projects including design drawings, planting plans and schedules, land/habitat management, permitting, site analysis and sketches, plan review, and zoning bylaw development. Also providing special project consultation for ecologically sustainable design, sacred space design/specialty gardens, and educational exhibits. Products include drawings, reports, and cost estimates.

**Centerline Studios Inc., 2004 - 2005**  
**Principal/Landscape Designer and Planner**

Providing landscape architectural and environmental planning services for commercial, residential and public clients in all phases of landscape design and planning including schematic design drawings, construction drawings, specification, planting plans, grading and drainage plans, permitting, plan review, and zoning bylaw development.

**Thibodeau Landscape Design and Planning, 2002 - 2004**  
**Landscape Designer and Planner**

Sole proprietorship providing landscape architectural and environmental planning consultation for commercial and residential clients in all phases of landscape design and planning projects including design drawings, planting plans and specifications, land/habitat management, permitting, plan review, and zoning bylaw development. Also providing special project consultation for ecologically sustainable design, herb and medicinal gardens, sacred space design, and educational exhibits. Products include drawings, reports, and cost estimates.

**Horsley & Witten, Inc., 2000 to 2004**  
**Environmental Planner/Designer**

Provided expertise in natural resource management and habitat restoration, land use planning, and design. Responsibilities included environmental inventory, analysis, land management and restoration, planning and design, land acquisition strategies, zoning, and report preparation. Jeff is skilled in environmental design, hand-drawn graphics, and writing.

**Morrow and Company Landscape Architects, Inc., 1999**  
**Project Manager**

Managed projects including planning and design of improvements to International Balloon Fiesta Park, golf facilities, and equestrian ranch design. Prepared graphic, written, and oral presentations requiring interdisciplinary cooperation with architects, engineers, and City of Albuquerque staff.

**The Compact of Cape Cod Conservation Trusts, Inc. 1997-1999**  
**Director of Land Protection and 200 Coalition Coordinator**

Provided technical assistance to 17 land trusts on Cape Cod, Massachusetts, as well as federal, state, and local authorities in land acquisition, land use planning, management and protection. Responsibilities included environmental inventory, analysis, land management planning and design, land acquisition permitting, public presentation, education and outreach, client communication, fundraising/grant writing, event planning, and extensive writing.

**Camp, Dresser, and McKee, Inc., 1996**  
**Environmental Planner/Landscape Designer**

Provided expertise in environmental design, management, site engineering, construction detailing and documentation, and preparation of Urban Self Help Grant applications. Specialized in planning and design of large-scale environmental remediation projects. Prepared both hand and computer-generated graphics.

**Abbellire Landscape Architects, 1995**  
**Landscape Planner and Designer**

Provided landscape architectural services for golf course and other recreational facilities in Massachusetts, including design, graphics, inventory, construction detailing, permitting, and writing.

**National Environmental Education Development Collaborative, 1994-1995**  
**Instructor of Environmental Education and Natural History**

Field instruction in Cape Cod's ecosystem dynamics, flora and fauna, and the natural history of Cape Cod.

**REPRESENTATIVE PROJECTS** – *Below is a partial list of project completed by Mr. Thibodeau.*

**PUBLIC SECTOR:**

**Municipal**

- City of Taunton 2006 Open Space and Recreation Plan update. Mr. Thibodeau, in cooperation with City staff and community volunteers, prepared the 2006 update of the City's Open Space and Recreation Plan. The Plan is currently in Final Draft form and awaiting state approval.
- Town of Barnstable 2005 Open Space and Recreation Plan update. Mr. Thibodeau, in cooperation with the Open Space and Recreation Plan Workgroup and an AmeriCorps Cape Cod volunteer, prepared the 2005 update of the town's Open Space and Recreation Plan. The Plan has received state approval and has deemed the town eligible for state open space and recreation funding.
- Town of Barnstable Danforth Property Land Use Feasibility Study, 2005.: Mr. Thibodeau researched and wrote a preliminary land use feasibility study for the 217-acre town-owned Danforth property in Barnstable (Village of Marstons Mills), Massachusetts. The plan includes an extensive resource inventory, an assessment of land use constraints and opportunities, evaluation of land use alternatives, rare habitat restoration, and preliminary recommendations regarding the feasibility and location of proposed land uses. The site is currently being used as the Cape Cod Airfield and associated aviation activities. It is particularly valuable for its rare species habitat, proximity to surface waters, cultural importance and water supply development potential.
- Town of Wellfleet Open Space and Recreation Plans, 1998 and 2005. Wellfleet, Massachusetts: Mr. Thibodeau collaborated with the Town of Wellfleet Open Space Committee to produce both the 1998 and 2005 updates of their Open Space and Recreation Plan. Mr. Thibodeau was called upon to coordinate completion of the plan under a tight schedule and budget in order for the town to become eligible for land acquisition and recreational facility funding through programs including Self-Help, Urban Self- Help and the Federal Land and Water Conservation Fund.
- Town of Yarmouth Streetscape Design, 2002: As a land use planner for the Horsley Witten Group for Mr. Thibodeau managed a conceptual streetscape design project for the Old South Yarmouth Village Activity Center (OSYVAC). Working with the Town of Yarmouth, the OSYVAC Committee, and public participants, Mr. Thibodeau facilitated a series of public

meetings involving inventory and analysis of the site and several public design charette exercises. As a result of these design charettes, three conceptual designs were produced by participants. Mr. Thibodeau and the OSYVAC Committee coalesced these designs into a unified plan, which has been well received by the community and the Yarmouth Board of Selectmen.

- Town of Yarmouth, Old Town House Road Landfill Redevelopment/Golf Course and Park, 1996. As a site designer for Camp Dresser and McKee, Mr. Thibodeau contributed on all phases of schematic design and planning for the closure of the town's landfill and its redevelopment as a golf course and park facility. He also assisted with the preparation of the Self-Help application that secured state funds for the project.
- Town of Eastham 1651 Arboretum, 2002: As a land use planner for the Horsley Witten Group Mr. Thibodeau designed, wrote and managed landscape architectural drawings, specifications and text report for the development of Eastham's "1651 Arboretum" located within Wiley Park. The Arboretum is intended to be a living monument to the arrival of the Pilgrims to Eastham's shores and an interpretive educational exhibit illustrating the processes of natural succession and exemplifying the plant communities that were dominant there in the year 1651.
- Town of Eastham Roach Property Land Use Management Plan, 2002.: As a land use planner for the Horsley Witten Group Mr. Thibodeau wrote and designed a comprehensive land use management and restoration plan for the 64-acre town-owned Roach property in Eastham, Massachusetts. The plan includes an extensive resource inventory, an assessment of land use constraints and opportunities, evaluation of land use alternatives, rare habitat restoration, conceptual Landscape architectural design drawings, specifications of park components and amenities, and a detailed cost estimate.
- Town of Orleans 200 Coalition Project: As Director of Land Protection for the Compact of Cape Cod Conservation Trusts, Mr. Thibodeau coordinated an aggressive land acquisition program conducted jointly by the Orleans Conservation Trust and the Town of Orleans, Massachusetts. He assisted in the preservation of several hundred acres of land and several hundred thousand dollars in fundraising. He developed, organized, and advertised the *200 Coalition* from its inception. Mr. Thibodeau negotiated with independent landowners, and worked with municipal and private planning authorities.
- Commercial and Industrial Development Design Guidelines: As a land use planner for the Horsley Witten Group Mr. Thibodeau designed, wrote, and illustrated a publication outlining municipal design standards to be used in conjunction with the Town of Burrillville, Rhode Island's, development plan review bylaw. The guidelines will help to encourage appropriate development while protecting natural and cultural resources and aesthetic quality.
- Thompson's Field Conservation Area Management and Restoration Plan, Harwich, Massachusetts: Mr. Thibodeau authored this management plan for the Town of Harwich while working as Director of Land Protection for the Compact of Cape Cod Conservation Trusts. Major management issues include watershed/wellhead protection, preservation and restoration of rare habitats and species, and sustainable human use of the area. Recommendations centered on woodland and open field habitat management and passive public use strategies that would adequately protect both water resources and wildlife.

- Fox Island Conservation Area Management Plan, South Wellfleet, Massachusetts: As Director of Land Protection for the Compact of Cape Cod Conservation Trusts Mr. Thibodeau authored this plan for coastal land owned jointly by the Massachusetts Department of Fisheries, Wildlife, and Environmental Law Enforcement (DFWELE) and the Wellfleet Conservation Trust. Primary components of the plan included an evaluation of wildlife habitat, archaeological sites, shellfish resources, water quality, public access and use, and rare species, including the diamondback terrapin turtle, which frequents the conservation area. The plan, which was favorably received by the state, helped to leverage further funding for additional land acquisitions in the immediate area.
- Shankpainter Pond Wildlife Sanctuary Management Plan, Provincetown, Massachusetts: Mr. Thibodeau authored the plan for the land's stewards, the Town of Provincetown and the Provincetown Conservation trust, in compliance with the goals and objectives of the Massachusetts Self-Help Program, the 1995 Provincetown Open Space and Recreation Plan and Cape Cod Commission's Development of Regional Impact decision. The management plan's goals included protection of a rare quaking bog habitat, wildlife and water resource protection, and the provision of passive public recreational opportunities.
- Affordable Housing Feasibility Studies: As a land use planner for the Horsley Witten Group Mr. Thibodeau managed the production of several studies for towns analyzing sites for their potential to support affordable housing based on environmental and regulatory constraints. These studies have helped to ensure the adequate protection of natural resources and the most effective attainment of affordable housing goals.

## **Regional**

- Trail Plan and Environmental Assessment - Cape Cod Pathways National Seashore Trails Project, Wellfleet, Massachusetts: Mr. Thibodeau authored this plan for the National Park Service while working as Director of Land Protection for the Compact of Cape Cod Conservation Trusts, Inc. The plan follows the format of the National Park Service's Environmental Assessment process in accordance with the National Environmental Policy Act. It provided several alternatives for a public walking trail through the Cape Cod National Seashore land. The recommended route considers impacts to natural and cultural resources, public use and access, socioeconomics, and park management. Production of the plan involved extensive fieldwork, the coordination of GIS mapping, and public review of the plan.
- Cape Cod Wildlife Habitat Planning Project: Mr. Thibodeau directed and managed a wildlife habitat protection project funded by the International Fund for Animal Welfare. This project involved research/inventory of Cape Cod's wildlife habitats and inhabiting wildlife species, preliminary development of habitat assessment methodology, appointment of scientific advisory panel, ongoing technical review, compilation of findings in graphic, written and oral form, budgeting, and overall project development. Mr. Thibodeau developed relationships with wildlife experts throughout the country. This project is the first comprehensive wildlife protection project conducted on Cape Cod, and will culminate in the protection of prime wildlife habitat parcels and the application of specific wildlife management practices.
- Cape Cod Pathways Regional Walking Trails Project: Directed and/or assisted with pathways planning in several towns on Cape Cod including Orleans, Brewster, Dennis, Yarmouth, Barnstable, Mashpee, and Sandwich. Tasks included parcel inventory, site analysis, easement negotiations, public involvement, creation of citizen Pathways

Committees, presentations to Selectmen, creation of Pathways layout maps, and written presentations. Mr. Thibodeau designed and wrote several reports and trail guides for specific segments of the pathways system.

## **PRIVATE SECTOR:**

### **Commercial/Institutional**

- Golf Course Design: While working for landscape architecture firms, Mr. Thibodeau assisted in the design and development of Cape Cod National Golf Course (Harwich, Massachusetts), the addition to the Captains Golf Course (Brewster, Massachusetts), and a golf driving range facility in Albuquerque, New Mexico, including layout, design, and graphics.
- Barnstable County House of Corrections, Barnstable, MA.: Mr. Thibodeau, as Principal of Helios Land Design, worked closely with the architect to develop a conceptual landscape and planting plan for the former House of Corrections property which is slated to become offices for county personnel. Project goals included development of a complete landscape & planting plan including a plantings, establishment of walkways and patios, ornamental site furnishings, custom trellis detailing, retaining walls, and hardscape. The project is still in the permitting phase.
- One Ocean Street Development, Hyannis, MA.: Mr. Thibodeau, as Principal of Helios Land Design, worked closely with the architect to develop a conceptual landscape and planting plan for the proposed new building and associated parking area. Project goals included development of a complete landscape & planting plan including a plantings, establishment of walkways and patios, ornamental site furnishings, custom trellis detailing, retaining walls, and hardscape. The project is still in the permitting phase.
- Lombard Farm Property Housing Project, Barnstable, MA.: Mr. Thibodeau, as Principal of Helios Land Design, worked closely with the architect for the Housing Assistance Corp to develop a conceptual landscape and planting plan for the proposed new housing building and associated yard and parking areas. Project goals included development of a complete landscape & planting plan including a plantings, establishment of walkways, ornamental site furnishings, custom site furnishings detailing, retaining walls, and hardscape including connections to adjacent streetscape, park and woodland areas. The project is still in the permitting phase.
- YMCA Property Housing Project, Barnstable, MA.: Mr. Thibodeau, as Principal of Helios Land Design, worked closely with the architect for the Housing Assistance Corp to develop a conceptual landscape and planting plan for the proposed new affordable housing complex including buildings and associated landscape and parking areas. Project goals included development of a complete landscape & planting plan including a plantings, establishment of walkways, custom site design and furnishings, community gathering areas, and hardscape including connections to adjacent streetscape, park and woodland areas. The project is still in the permitting phase.
- Cuvilly Ecocenter Master Plan, Ipswich, Ma.: Mr. Thibodeau prepared the conceptual landscape design for a 30 acre environmental educational ecocenter in Ipswich, Massachusetts while working for the NACUL Center in Amherst, MA, a non-profit architectural design center. The Cuvilly design included gardens, educational facilities including a school, animal husbandry facilities, interpretive educational exhibits as part of a school for young children and pedestrian use areas. Mr. Thibodeau developed his design

around a central spiraling pathway and gardens leading to a hilltop overlooking the site with orientations towards the rising and setting sun.

## **Residential**

- Benjamin Residence Labyrinth Garden Design, Orleans, MA., 2006: Mr. Thibodeau, as Principal of Helios Land Design, worked closely with the owners to develop a schematic landscape and planting plan for a Labyrinth Patio Garden at their residence. Project goals included development of a complete planting plan, custom water feature, circular concrete patio with specially designed labyrinth pattern, realigned and resurfaced drive, walkways and steps and low curvilinear stone retaining wall. The project is still in the permitting phase.
- Eatough Residence Meditation Garden Design, Yarmouth, MA., 2006: Mr. Thibodeau, as Principal of Helios Land Design, worked closely with the owners to develop a schematic landscape and planting plan for a Meditation Patio Garden at their residence. Project goals included development of a complete planting plan, custom water feature, circular concrete patio with specially designed yin-yang pattern, walkways and steps, refurbished outdoor activity areas.
- Latina Residence Driveway Grading Plans, Brewster, MA, 2005: Mr. Thibodeau, as Principal of Helios Land Design, worked closely with the owners to develop three distinct driveway grading options at their residential lot with challenging terrain. The Plans were completed in AUTOCAD using existing topography provide by the Engineer. Considerations included drainage, placement of proposed buildings and retaining walls, protection of existing plant materials and aesthetics.
- Dickson Residence Landscape Design, Orleans, MA., 2005: Mr. Thibodeau, as Principal of Helios Land Design, worked closely with the owners to develop a schematic landscape and planting plan for their residence. Project goals included development of a complete planting plan, realigned and resurfaced drive, walkways and steps and ornamental spiral shaped retaining wall. The project will be built in phases over the next few years.
- Burns Residence Landscape Design, Mashpee, MA. , 2004.: Mr. Thibodeau, as Principal of Helios Land Design, worked closely with the owners to develop a schematic landscape and planting plan for their residence. Project goals included development of a complete planting plan including a perennial garden, establishment of decks and patios, ornamental site furnishing, custom arbor detailing, retaining walls, and hardscape. The project will be built in phases over the next few years.
- Hudson Residence Landscape Design, Hyannis, MA., 2004: Mr. Thibodeau, as Principal of Helios Land Design, worked closely with the owners to develop a complete Schematic Landscape and Planting Plan for their two adjacent homes in Hyannis, MA. Project goals include development of a complete planting plan including a perennial garden, establishment of decks and patios, ornamental site furnishing, retaining walls, and hardscape. Mr. Thibodeau also guided the project through the necessary permitting approvals with the Conservation Commission. The project is being built in phases.

## **Land Trusts**

- Meadow Point Conservation Area Management Plan, Barnstable Massachusetts: Mr. Thibodeau authored this plan for coastal land owned and managed by the Barnstable Land

Trust. The plan included inventory and analysis of the area's extensive natural and cultural resources including rare habitats and species and issues surrounding public access and use.

- Land Management and Restoration Reports for the Truro Conservation Trust, Truro, Massachusetts: Mr. Thibodeau authored several land management and restoration reports for the Truro Conservation Trust during the 1990's. Primary issues involved the protection and restoration of rare habitats and species, habitat management strategies, and provisions for public access.

## SELECTED PUBLICATIONS

### Environmental:

- Thibodeau, J. 2006. Final Draft City of Taunton 2006 Open Space and Recreation Plan, prepared for the City of Taunton, Massachusetts.
- Thibodeau, J. 2005. Town of Wellfleet 2005 Open Space and Recreation Plan, prepared for the Town of Wellfleet, Massachusetts.
- Thibodeau, J. 2005. Danforth Property Land Use Feasibility Study, prepared for the Town of Barnstable, Massachusetts.
- Thibodeau, J. 2005. Town of Barnstable 2005 Open Space and Recreation Plan, prepared for the Town of Barnstable, Massachusetts.
- Thibodeau, J. 2002. Roach Property Land Use Management Plan, prepared for the Town of Eastham, Massachusetts.
- Thibodeau, J. 2002. 1651 Arboretum Schematic Plan, prepared for the Town of Eastham, Massachusetts.
- Thibodeau, J. 2001. Commercial and industrial development design guidelines, prepared for the Town of Burrillville, RI.
- Thibodeau, J. 2001-2003. Barnstable Affordable Housing Site Analysis and Feasibility Study (several in a series), prepared for the Town of Barnstable, Massachusetts.
- Thibodeau, J. 2000. Darling property land management report, prepared for the Truro Conservation Trust, Truro, Massachusetts, October, 2000.
- Thibodeau, J. and M. Robinson. 1999. Shankpainter Pond conservation area management plan, The Compact of Cape Cod Conservation Trusts, prepared for the Town of Provincetown (Massachusetts) Conservation Commission.
- Thibodeau, J. and M. Robinson. 1998. Trail plan and environmental assessment, Cape Cod Pathways National Seashore Trails Project (Salt Pond Visitor Center to Marconi Station Area), The Compact of Cape Cod Conservation Trusts.
- Thibodeau, J. and M. Robinson. 1998. Cape Cod wildlife conservation project, phase II report, The Compact of Cape Cod Conservation Trusts, prepared for the International Fund for Animal Welfare and the Sweetwater Trust.
- Thibodeau, J. and M. Robinson. 1998. Meadow Point conservation area management plan, The Compact of Cape Cod Conservation Trusts, prepared for the Barnstable Land Trust.
- Thibodeau, J. and M. Robinson. 1998. Thompson's Field conservation area management plan, The Compact of Cape Cod Conservation Trusts, prepared for the Town of Harwich (Massachusetts) Conservation Commission.
- Thibodeau, J. and M. Robinson. 1998. Town of Wellfleet open space and recreation plan update, The Compact of Cape Cod Conservation Trusts, prepared for the Wellfleet (Massachusetts) Open Space Committee.
- Thibodeau, J. and M. Robinson. 1995. Fox Island conservation area management plan, The Compact of Cape Cod Conservation Trusts, prepared for the Wellfleet (Massachusetts) Conservation Trust.

**Natural Health:**

- Thibodeau, Jeff. *Be Your Best - A Roadmap to Living a Healthy, Balanced and Fulfilling Life*; Dogear Publishing, LLC; Indianapolis, Indiana.
- Thibodeau, Jeff. 2005; *Nature and Culture*, published in *Cape Healing Arts*, Fall 2005.

**APPOINTMENTS**

- Brewster Conservation Commission, 1992
- Friends of the Cape Cod National Seashore, Board of Directors, 1997