

Charles R. Norris

Norris & Norris Associates

EDUCATION

M.Arch., Urban Design, Harvard University, Cambridge, MA, 1969
M.Arch., Harvard University, Cambridge, MA, 1968
A.B., Architecture, Princeton University, Princeton, NJ, 1965

REGISTRATION

Registered Architect - Massachusetts #3751 (1974)

EXPERIENCE

Mr. Norris has over 40 years of professional experience in urban design, architecture, and waterfront planning. He has served as project manager for numerous projects in a variety of ports and waterfronts in many U.S. and international settings. Mr. Norris has managed numerous innovative waterfront and marine projects involving small craft, environmental, access and regulatory requirements, in Boston Harbor as well as other New England locations. Waters edge design projects have included a wide range of plans and buildings including ports, urban waterfronts, museums, parks and harbor walks, ferry terminals, piers, and boathouses. He has also gained recognition as an expert in the field of passenger water transportation systems and waterfront planning, and has delivered papers at conferences in Dublin, Sydney, Montreal, and Bergen.

Ferry and port projects include: an implementation plan for ferries for the National Parks of New York Harbor for NPS, a statewide water transportation plan for the Massachusetts EOT, new ferry terminal plans for Bermuda; a masterplan for a multi-purpose marine terminal in Fall River, MA; and a shoreland urban design plan for the new cruise terminal area at the of Portland ME waterfront. Current and recent watersheet use projects include: Salem Port multipurpose ferry and cruise terminal facility site plans, waterfront visioning plans for Gloucester Harbor, plans for the Charles River Boat Haven, Commonwealth Flats, and Fort Point Channel in Boston, as well as a port enhancement plan for Oak Bluffs Harbor.

Mr. Norris has also been actively involved with a wide range of waterfront revitalization projects, preparing plans and conducting workshops in numerous New England waterfront communities including Boston, Charlestown, East Boston, Dorchester, Revere Beach, Salem, Scituate, and the Boston Harbor Islands in Massachusetts; and Bath, Bangor, Portland, and Waterville in Maine. He has participated in waterfront workshop plans in other diverse locations such as Rockaway, NY; Superior, Wisconsin; Yorktown, Virginia; Yuma, Arizona; the Dockyards in Bermuda; Wellington, New Zealand; and Manama, Bahrain. Mr. Norris is a registered architect in Massachusetts whose architectural work has included a ferry terminal complex in Monmouth County New Jersey, two boat houses in Massachusetts, and a masterplan for the Boston Tea Party Museum.

1999 – Present

Principal – Norris & Norris Associates, Cambridge MA

- **National Parks of New York Harbor Water Transportation Implementation Plan**, NY and NJ: Water transportation planner for an implementation and phasing plan for ferry and land access improvements for the Gateway Parks and Battery Park in New York Harbor. The project was conducted for the National Park Service, Northeast Region.

- **National Park Service Northeast Region Alternative Transportation Plan**: Waterfront and Transportation Planner for plans and concept designs for improved waterfront access for 16 NPS sites in the Northeast region including the Boston Harbor area, Fire Island and New York Harbor. Examples of the specific sites include the Boston Harbor Islands, the Charlestown Navy Yard, the Fire Island National Seashore and Lighthouse, the Gateway National Parks, and the Statue of Liberty and Ellis Island. Tasks

include designs for piers, ferry terminals, visitor facilities, and walkways at various sites. Conducted for the National Park Service.

- **Boston Harbor Islands National Park Water Transportation Plan**, MA: Project consultant for preparation of a 5 year mid-term plan for routes and terminal facilities for the expansion of the Harbor Islands Park, including operations plans for multiple mainland gateway routes as well as inter-island shuttle services; for the National Park Service.

- **Massachusetts Statewide Water Transportation Study**, MA: Water Transportation planner for assessment of market demand and feasibility of expansion of existing and new transit ferry routes serving Boston Harbor and Massachusetts Bay communities. Conducted in association with the Volpe Center for the Executive Office of Transportation Administration (EOTC).

- **EOEA/DEP Chapter 91 Water Transportation Guidelines**, Boston Harbor, MA: Project Director for background analysis and recommended guidelines for water transportation components of Chapter 91 requirements for non-water dependent permit projects in Boston Harbor. Prepared for the Massachusetts Executive Office of Environmental Affairs.

- **Boston Inner Harbor Passenger Water Transportation Plan** (2000), Boston, MA: Project Manager for the preparation of a masterplan for scheduled ferry services, including terminal facilities, layover berthing, and vessel servicing facilities. Existing and proposed ferry routes were evaluated. Site specific facility designs and phased implementation plans were coordinated with major new waterfront projects around the harbor including the New England Aquarium expansion, Fort Point Channel, South Boston Seaport, and the East Boston Piers.

- **Scituate Ferry Feasibility Study**, Scituate MA: Project transportation planner for the economic demand analysis and marine operations components of a feasibility study to test the viability of year round commuter ferry service from the south shore community of Scituate to downtown Boston; for the Town of Scituate.

- **Bermuda Ferry Terminal Planning and Design**: Waterfront Planner for nine new and reconfigured ferry landings and terminal facilities to accommodate new fast ferries to be added to the Bermuda fleet. The intention is to provide much improved ferry service for Bermuda residents and tourists while relieving congestion on the overburdened island road network. Prepared for the Bermuda Ministry of Transportation.

- **Pensacola Bay Ferry Feasibility Study**, Florida: Project transportation planner for the economic demand analysis and marine operations components of a feasibility study to test the viability of seasonal excursion and year round commuter ferry service connecting key destinations around Pensacola Bay in Escambia and Santa Rosa Counties; for the Metropolitan Planning Organization.

- **"Ferries as Alternatives to Land-Based Transportation"** (1994): Principal Investigator and Transportation Planner for a two-part comparative analysis of water transit in the U.S. for the University of Massachusetts Urban Harbors Institute and the Federal Transit Administration.

- **Project Action ADA Accessibility Regulations for Marine Transit Facilities**, MA: Marine Facilities Planner and Architectural Technical Adviser for a task force to assist the Massachusetts Architectural Access Board prepare new regulations for marine terminals in conformance with ADA requirements.

- **Salem Multi-Use Maritime Wharf**, MA: Waterfront and port planner for program analysis, site planning and operations plan for a new pier and terminal facility. Tasks included preparing final site and watershed utilization plans for multiple cruise, fishing and ferry uses of the site, as well as architectural design of a multi-purpose terminal building. Conducted for the City of Salem in association with Bourne Consulting Engineering and Cambridge 7 Associates.

- **Boat Haven Watersheet Use and Restoration Plan**, Boston, MA: Waterfront planner for a restoration plan for the historic Charles River Esplanade small boat harbor. Included in the community based plan were upgraded docks and storage facilities for Community Boating and the Union Boat Club, as well as three public landings. Conducted for the Massachusetts Department of Conservation and Recreation and the Esplanade Association n

association with Bourne Consulting Engineering.

- **Fall River State Pier Multi-Use Maritime Facility, MA:** Waterfront and port planner for program analysis and site planning for the re-use and expansion of the state pier facility. Tasks included preparing alternative layouts and final site and watersheet utilization plans for multiple freight, cruise, fishing and ferry uses of the site. Conducted for the State DCAM and Seaport Advisory Council with Cambridge 7 Associates.

- **Brooklyn Piers Urban Design Workshop, NYC:** Waterfront planner for site analysis and urban design for Piers 7-12 and the immediate backlands for Red Hook including the new cruise ship terminal for the Economic Development Corporation of New York City. Conducted in Association with Bermello Ajamil & Partners.

- **Oak Bluffs Town Landing Masterplan, Oak Bluffs, MA:** Waterfront planner for a plan for mixed vessel uses for the watersheet and Town Landing area of Oak Bluffs Harbor on Martha's Vineyard. Vessel uses included passenger and freight ferries, as well as a resident fishing fleet, Harbormaster boats, charter fishing vessels, and lighters for anchored cruise vessels.. Conducted for the Town of Oak Bluffs in association with Bourne Consulting Engineering.

- **Pier 4 Development Water Use Plan, Boston, MA:** Waterfront planner for site analysis and water dependent use masterplanning and permitting for a new mixed use residential, commercial, and hotel complex on the South Boston waterfront. Watersheet uses include a water commons public landing and water taxi terminal, charter and dockside fishing facilities, transient marina slips and berthing for visiting ships. Conducted for New England Development in association with Arrowstreet Inc.

- **Brooklyn Cruise Terminal Site Selection Workshop, NYC:** Waterfront planner for site analysis and masterplanning for a new cruise ship terminal for the Economic Development Corporation of New York City. Conducted in Association with Bermello Ajamil & Partners.

- **Portland Waterfront Masterplan, ME:** Waterfront planner for masterplanning of the East end of the Portland downtown waterfront, for revitalization and re-use of the former Bath Ironworks ship repair yard as an International cruise and ferry terminal. Conducted in association with ICON for the City of Portland

- **Commonwealth Flats Watersheet Use Plan, Boston, MA:** Waterfront planner for a plan for mixed vessel uses for the watersheet and aprons of Commonwealth Pier and Fish Pier in South Boston. Vessel uses included port of call cruise ships, naval ships, passenger ferries, charter and fishing vessels. Conducted for the Massachusetts Port Authority in association with Bourne Consulting Engineering.

- **Boston Tea Party Museum Revitalization Plan:** Architect for a revitalization and expansion of the Fort Point Channel historic complex. The design echoes the historic character of the original site, while expanding the interpretive and museum facilities, and allowing for berthing of two more tall ships. Prepared for Historic Tours of America.

- **Magruder Residence and Boat House, Barnstable MA:** Project architect for a shingle style residence and boathouse for vessel storage and maintenance.

- **Brown Boat House and Dock, South Dartmouth MA:** Project architect for a shingle style boathouse for vessel storage and maintenance for a private residence.

- **Fort Point Channel Municipal Harbor Masterplan, Boston MA:** Waterfront planner responsible for watersheet uses, activation and access as part of the team preparing a plan for redevelopment of the second section of the design guideline plan for the channel area, conducted for the Boston Redevelopment Authority.

- **Boston Children's Museum Masterplan:** Waterfront planner and architect on master plan team for renovation and expansion of the Children's Museum on Fort Point Channel in Boston. Project responsibilities include program and design for floating exhibits, water transportation and private vessel docks, waters edge access and public art framework , as well as permitting and regulatory responsibilities. Prepared in association with Bruner Cott Architects for the Children's Museum.

- **Long Wharf and Central Wharf Public Realm Masterplan, Boston, MA:** Waterfront planner for a phased public realm plan for the Long/Central Wharf area including design of new ferry terminals and support facilities. Conducted in association with Childs

Engineering for the Boston Redevelopment Authority.

- **New England Aquarium South Pier and East Wing**, Boston MA: Waterfront Planner and Urban Designer with responsibilities for coordinating the perimeter site plan design and permitting for the pier area expansion and redevelopment for the South Pier and new East Wing of the Aquarium, including program and design for the extended Harborwalk as well as the marine facilities; for the New England Aquarium.

- **South Boston Seaport Plan**, Boston MA: Project consultant for the preparation of a waterfront use and water transportation component for the masterplan for the seaport district. Responsibilities included evaluation of historic and current waterfront uses, description of design principles for waters edge and water sheet uses, preparation of a water transportation facilities plan: prepared as a consultant to the Boston Redevelopment Authority.

- **East Boston Greenway/Neponset River Workshop**, Boston MA: Facilitator/planner for participatory workshop and summary report for two greenway projects. Conducted with the Waterfront Center, sponsored by the Boston Natural Areas Fund.

- **Revere Beach Planning Vision Workshop**, MA: Facilitator and planner for citizen's visioning and planning workshop for enhancement of the Revere Beach waterfront area. Conducted with the Waterfront Center for the City of Revere.

- **Chelsea Creek Waterfront Masterplan**, East Boston and Chelsea, MA: Waterfront planner for community visioning and masterplan process for the two shores of Chelsea Creek. Conducted in association with BSC Group for the Chelsea Creek Action Group (CCAG) and Neighborhood of Affordable Housing (NOAH)..

- **Reading Riverfront Workshop and Masterplan, Reading, PA:** Facilitator and urban designer for a participatory workshop along the Schuylkill River in Reading, conducted with the Waterfront Center for the Wyomissing Foundation.

- **Paterson Riverfront Workshop and Masterplan, Paterson, NJ:** Facilitator and urban designer for a participatory workshop along the Passaic River in Paterson conducted with the Waterfront Center for the city of Paterson.

- **Waterville Riverfront Revitalization Masterplan:** Waterfront Planner for a detailed masterplan for the revitalization of the Head-of Falls area of the Kennebec River in downtown Waterville, Maine. The former industrial waterfront is to become a new focus for the downtown including a mixture of historic bridges, waterfront park and new commercial uses. The plan is being prepared for the City of Waterville.

- **Lewes Canalfront Comprehensive Plan**, Delaware: Waterfront planner and urban designer for preparation of a development plan and zoning revisions for the canal area of a small coastal community on Delaware Bay. The project included community workshop facilitation, as well as preparation of a masterplan, detailed site plans, design guidelines and zoning modifications. Issues included the balancing of public open space and access with waterfront redevelopment opportunities for a unique coastal setting. Conducted with The Waterfront Center for the Town of Lewes.

- **Breen/Rigby Residence**, Cape May NJ: Project architect for new wing addition to Gothic Revival beach residence including roof deck with views to the ocean.

1989-1999

Associate/Urban Designer and Water Transportation Planner – TAMS Consultants, Inc., Boston, MA., and Norris Consulting

- **City of Wheeling Intermodal Transportation Center and Heritage Area Plan**, Wheeling, WV: Transportation elements of the Heritage Area Plan included a parking management plan, new downtown loop and connector bus services, traffic and pedestrian improvements, water transit, and a new Intermodal Transportation Center. In addition to preparing a schematic design for the intermodal center, grant applications for funding were successfully prepared for the \$12.9 million facility

- **East Boston Masterplan**, MA: Waterfront Planner responsible for water transportation components of the masterplan, including assistance in participatory community workshops.. Conducted in association with ICON for the Boston Redevelopment Authority.

- **Portland Cargo and Passenger Study**, Portland, ME: Port master plan preparation for three key sites along the Portland waterfront including expansion options for deep water

shipping and passenger vessel services. Plans focussed on the reuse potential for the city owned State Pier, and International Marine Terminal as well as private marine development of the Merrill Terminal. The plans included pier and backland support sites for future container and general cargo, the cruise industry, coastal and local ferry services, and ship repair facilities. The project was conducted jointly for the Maine Department of Transportation and the City of Portland. Prepared in collaboration with Wilbur Smith Associates.

- **Strategic Passenger Transportation Plan**, ME: Water Transportation Planner for the coastal ferry component a statewide passenger transportation needs analysis and plan for transit alternatives to auto travel for the Maine Department of Transportation. The marine plan consisted of a feasibility analysis of routes, ferry terminals and vessel requirements for a coastal highspeed ferry service to connect key ports along the Maine Coast. The phased plan included schedules for linking existing and new ferry routes, intermodal connections, and an early action demonstration project to test the primary routes. Prepared in collaboration with Wilbur Smith Associates.

- **Belford Ferry Terminal**, Monmouth County, NJ: Design for a ferry terminal building and dock complex, accommodating four high speed ferry vessels and passengers at a projected cost of \$3 million.

- **Bayshore Ferry Service Study**, Monmouth County, NJ: Project Manager and Architect/Planner responsible for evaluating market feasibility of expanded commuter ferry service to New York City, terminal site location and joint-use opportunities for the County and the New Jersey Department of Transportation, as well as preparing the site plan and design of the ferry terminal. Scope includes a 900 square foot ferry terminal building and dock complex which would accommodate four high speed ferry vessels and passengers at a projected cost of \$14 million.

- **Bath Waterfront Plan**, Bath, ME: The City of Bath commissioned a study of the downtown waterfront and city gateways in response to construction of a new bridge and proposed restoration of passenger rail service. Included in the urban waterfront plans were a small hotel complex, a multi-modal ferry terminal, bus and rail station. Charles Norris provided overall urban design and waterfront planning for the project in association with Wilbur Smith Associates, who managed the project.

- **Boston Inner Harbor Water Transportation Study (1994)**, Boston, MA: Transportation Planner and Project Manager for expansion plans for passenger water transportation routes and facilities for the Massachusetts Highway Department and Massachusetts Port Authority. Tasks included updating the database, demand model, terminal needs, vessel technology, and route network for the design years 1996 and 2010, based on the 1989 study. Particular focus was on terminals and bus routes to be implemented as part of the Central Artery/Tunnel Project.

- **Boston Inner Harbor Water Transportation Study (1989)**, Boston, MA: Urban Planner responsible for studying terminal sites, accessibility issues, water shuttle networks, and capital costs for 1995 and 2010 design years for the Massachusetts Port Authority and other state agencies.

- **Massport Facilities ADA Evaluation and Compliance Plan**, Boston MA: Project Manager for the architectural services for evaluation of all Massport facilities in the Boston area including Logan Airport, Hanscomb Field, Logan Passenger Water Transportation Terminal, Marine Terminals and other Massport properties. Evaluations included audits and recommendations for various architectural treatments to achieve compliance. The work was performed for Massport, as a sub-consultant to Katherine McGuinness Associates.

- **Logan Airport and Boston Harbor Water Transportation Study (1988)**, Boston MA: Urban Planner responsible for studying terminal sites, ferry network operations, vessel technology, and capital costs for the 1987 to 1996 period for the Massachusetts Port Authority and the Executive Office of Transportation and Construction.

- **Paul W. Conley Terminal Gate Facility Administration Building**, Boston, MA: Project Manager for the feasibility analysis, program, and architectural design of the gate facilities expansion for the container port of Boston for the Massachusetts Port Authority.

- **Charlestown Navy Yard Waterfront Access Guidelines**, Charlestown, MA: Waterfront

Planner and Urban Designer for water's edge access and marine facilities for the Boston Redevelopment Authority. Guidelines were prepared as part of the supplemental EIS for the Navy Yard development plan.

- **Port of Boston Economic Development Plan**, MA: Waterfront Planner for the container shipping components of the harbor wide development plan for the port. Conducted for the City of Boston and Massport.

Examples of Mr. Norris' project experience prior to 1989 includes:

1980 - 1989

- **Hudson River Pier Use Analysis**, New Jersey: Analysis of development proposals relative to current state and local zoning regulations, and recommended new design guidelines for re-use of piers along the shoreline from Jersey City to the George Washington Bridge, for the state of New Jersey with The Waterfront Center, Washington, DC.

- **Mina Manama, Pier Redevelopment**, Manama, Bahrain: Urban Designer for a master plan and program for re-use of existing piers for maritime activity, ferry dock, small marina, international marketplace, cultural center, ceremonial plaza, inn, restaurant, and carousel park with The Waterfront Center, Washington, DC.

- **Water Dependent Use Report, Boston Inner Harbor**, Boston, MA: Project Director for data collection and analysis of Inner Harbor land and water uses for 5 state agencies with The Boston Harbor Associates

- **Bird Island Flats Harborwalk and Development Masterplan**, Logan International Airport, E. Boston, MA: Project Manager and Urban Designer for developer selection, Harborwalk guidelines, and community review coordination for the Massachusetts Port Authority, with Stull and Lee, Inc.

- **Roxbury Community College**, Boston, MA: Urban Designer for the master plan, and Project Architect for the building design of a new campus of 1500 students for the Massachusetts Division of Capital Planning and Operations, with Stull and Lee, Inc.

- **Boston Public Library Restoration Master Plan**. Boston, MA: Project Director for a Restoration program and master plan for the McKim Building of the library. Included were historic assessment, building structure and systems analysis, re-use program, architectural and engineering guideline plans, and assistance in preparing grant applications. Prepared for the Boston Public Library, with Stull and Lee Inc.

1967-1980

- **Dallas Comprehensive Plan for Arts Facilities**, Dallas, TX: Urban Planner for program, site selection, and master plan for a Downtown Arts District for the City of Dallas and 9 city arts institutions, with Carr Lynch Associates.

- **World's Fair and New Community**, Boston, MA: Urban Designer for programming and master plan for a Bicentennial exposition and new community proposal located on the Boston Harbor, with the Boston Redevelopment Authority.

PROFESSIONAL
ACTIVITIES

Cambridge Arts Council Advisory Board, 2004 - present

Public Art Commission, Cambridge, MA 2003 – 2007; Chair 2005-07

Urban Waterfronts Conference, co-chair, 2002 - 2008

Excellence on the Waterfront, International Jury Chair, 1997

Water Transportation Advisory Council, Founder and Member, 1995 – present

Transportation Research Board, Ferry, Marine Environment Committees, 1995 - present

The Waterfront Center, Board of Advisors, 1988 - present

Boston Architectural Center, Thesis Committee 1980-1983

The Boston Harbor Association, Board of Trustees, 1981- present

Northeastern University Artist-in-Residence (Urban Design), 1979

Bennington College, Instructor of Architecture, 1975-1976

Kingston University (UK) School of Architecture, Instructor of Architecture, 1971-1972