



Response to Request for Proposals: Town of Brookline Climate Action and Resiliency Plan

November 20, 2024

**Prepared for the
Town of Brookline by:**

BLD
BISHOP LAND DESIGN, LLC



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OVERVIEW + FIRM PROFILE



History + Capabilities

BLD | Bishop Land Design, LLC is a landscape architecture firm, founded by Scott Bishop, a registered landscape architect. We were founded nearly ten years ago in June 2015, when we opened our Quincy, Massachusetts office. We have since expanded, and opened our second office in Detroit, Michigan in October 2022. Currently, we employ four people; three landscape designers and a marketing director. Bishop Land Design is a limited liability corporation.

Philosophy

We are founded on the optimistic principle that we can make the world a better place through human ecology, the study of how our species interacts with our environment. Through research we find ways to increase productivity to create a positive gain for the entire system.

As our name implies, we are interested in not only the idea, but in the execution of, an applied human ecology that utilizes the practice of landscape architecture to design and execute hybridized living systems, infrastructures, and places that have multifunctional uses and agendas over time. BLD's market-based approach incorporates multivariate analysis of the interplay between ecological factors and developmental capacity, utilizing interpretive research methods to identify means of capitalizing on existing resources, and future opportunities that carry ecological and economic benefits for diverse communities.

BLD is comprised of a team of highly qualified landscape architects and design researchers with substantial experience in the planning, design and implementation of strategic master plans and ecological infrastructure projects. We are a collaborative studio interested in working with governments, communities, institutions, developers, economists, scientists, engineers, planners, architects, designers, artists and like-minded individuals to design elegant solutions and build a productive future. Our work draws upon our expertise in designing public spaces that embody human ecology by reinforcing mutually beneficial relationships between people and the environment, while implementing public engagement practices that ensure community voices are heard throughout the process.

Our multi-disciplinary approach considers the landscape as a shared resource with the potential to bolster economic growth, embracing the potential of open space and ecological infrastructure to create value. By promoting urban revitalization, and linking communities to cultural, historic, and landscape assets, our strategies generate value through the establishment of hybrid landscapes and living ecological infrastructure systems.

COI STATEMENT

BLD | Bishop Land Design, LLC has no conflicts of interest with the Town of Brookline. BLD has made no political campaign donations to any person in the Town of Brookline. BLD has no contracts with the Town of Brookline.

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ASLA CLIMATE ACTION PLAN

BLD BISHOP LAND DESIGN, LLC

Role:	Chair, ASLA Climate Action Committee (Now Past Chair)
Client:	ASLA
Size:	15,400 members
Dates:	Jan. 2022 - Nov. 2022
Collaborators:	Tory Carter-Conneen Katie Riddle Vaughn Rinner Sarah Fitzgerald Pamela Conrad Diane Jones Allen José M. Almiñana

(Please refer to page 9 of the Climate Action Plan for a full list of collaborators.)

ASLA, American Society of Landscape Architects, has developed their first Climate Action Plan, which was presented to members at their annual conference in November 2022, and publicly launched in February 2023. Scott Bishop was the inaugural Chair of the Climate Action Committee, and therefore contributed to and oversaw development of the Climate Action Plan.

Landscape architects play an integral role in climate action as the only design professionals who plan and design spaces that enable communities to prepare for climate change. The collective vision developed within the plan calls for a goal of zero emissions by 2040, and calls on landscape architects to help others to achieve that goal as well, through designing responsibly and creating demand for products in the marketplace that meet these goals.

Addressing climate injustices is a critical aspect of the plan, with a call to empower communities and increase equitable distribution of climate investments. Additionally, a goal of restoring ecosystems through protecting, conserving and enhancing biodiversity is pivotal.

To learn more and see the complete Climate Action Plan, visit ASLA's website here: <https://www.asla.org/climateactionplan.aspx>



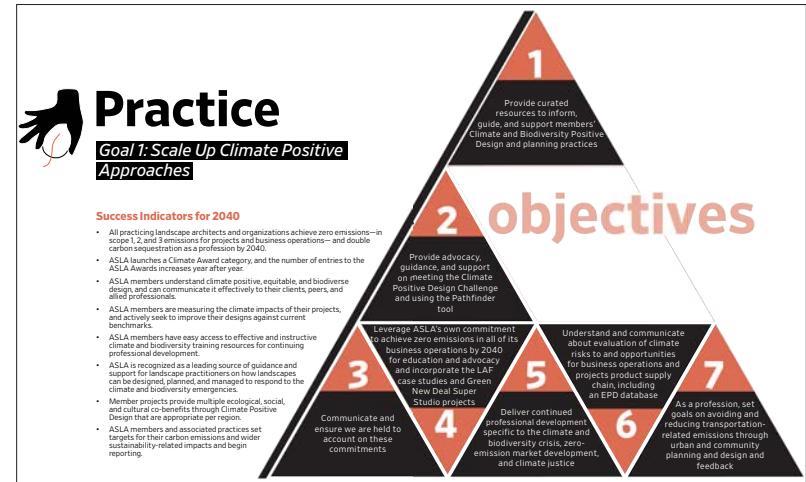
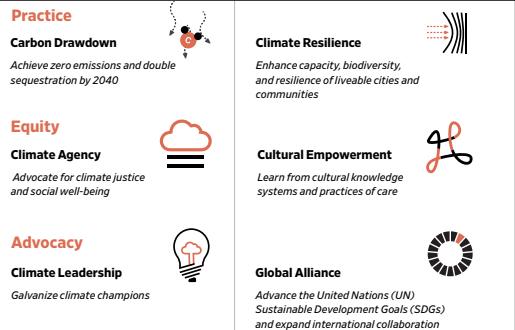
CONTACT

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Climate Leadership



Initiatives



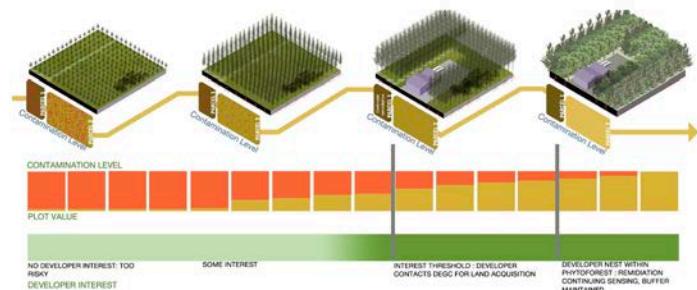
Climate Leadership

Objective 1: Engage the public



Climate Leadership

Objective 2: Work with elected officials and public servants



DELRAY NEIGHBORHOOD FRAMEWORK PLAN

BLD BISHOP LAND DESIGN, LLC

Role:	Landscape Architecture Ecology & Infrastructure
Client:	Rossetti, City of Detroit
Budget:	\$480,000
Realized cost:	TBD
Size:	1000 Acres
Address:	Delray, Detroit, MI
Design dates:	October 2019- Present
Completion:	Ongoing
Collaborators:	City of Detroit Detroit Environmental Justice Rossetti Interface Studio WSP, BJH

The challenges in Delray, a neglected industrial neighborhood in the city of Detroit with high levels of contamination and a large carbon footprint, is being turned to opportunity through the Delray Neighborhood Framework Plan. Working with a wide array of groups, BLD's strategy for this project aims at enhancing the quality of life of residents and workers, offsetting industrial and transportation carbon emissions, boosting private interest in the area and establishing a long term cost-effective strategy using a combination of phytoforest and phytosensing strategies are proposed for testing, remediation and monitoring through careful selection of tree species. The phytoforest also recycles gray water to offset energy and operational costs of the WWTP located in this neighborhood. Additionally, by offsetting transportation demands of traditional cap and fill remediation, the phytostrategy aims at a systemic net gain.

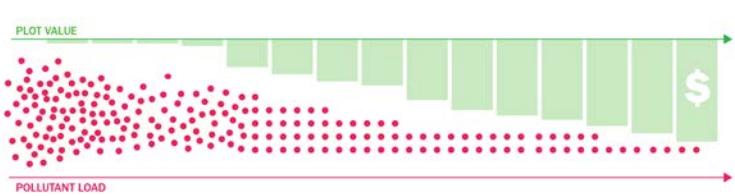
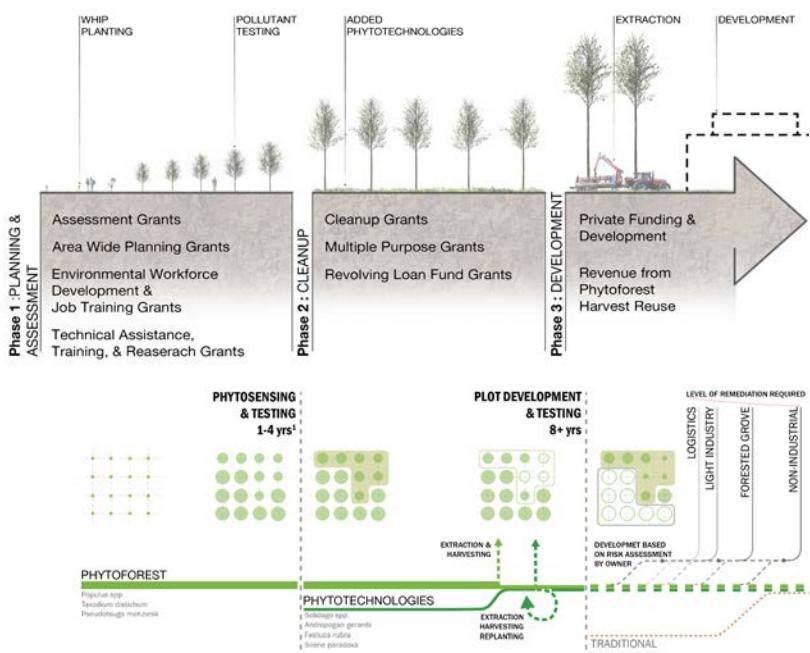
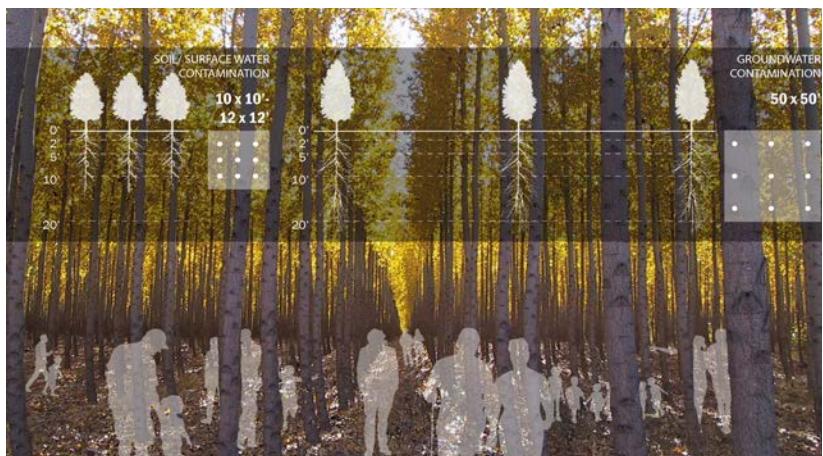
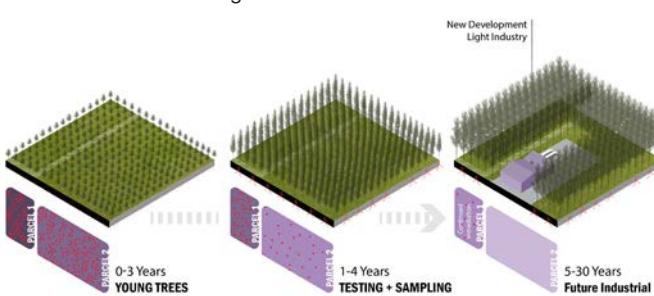
Life cycle analysis through phytoforest harvest cycles allow for additional credit through the manufacture of products such as mulch, pellets, corrugated cardboard and bio-fuel thereby boosting the local economy and land value through lowering risk assessment barriers for industrial developers.

With the addition of the Joe Louis Greenway and its pocket parks, the project encourages human-environmental interaction aiding in the reclamation of the neighborhood by the community and manages the flow of people and goods through segregated channels to enhance safety.

BLD is currently in the process of building partnerships for funding each stage of the implementation, operations and management processes.

CONTACT

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DOUGLASS DISTRICT INFRASTRUCTURE PLAN

BLD BISHOP LAND DESIGN, LLC

Role:	Landscape Architect; Stormwater & Sustainability Lead
Clients:	Bedrock Management Services, LLC; The Mannik & Smith Group
Location:	Detroit, Michigan
Commission:	Private
Contract:	\$115,000
Size:	18 Acres
Planning:	November 2022 - April 2023
Completed:	May 2023

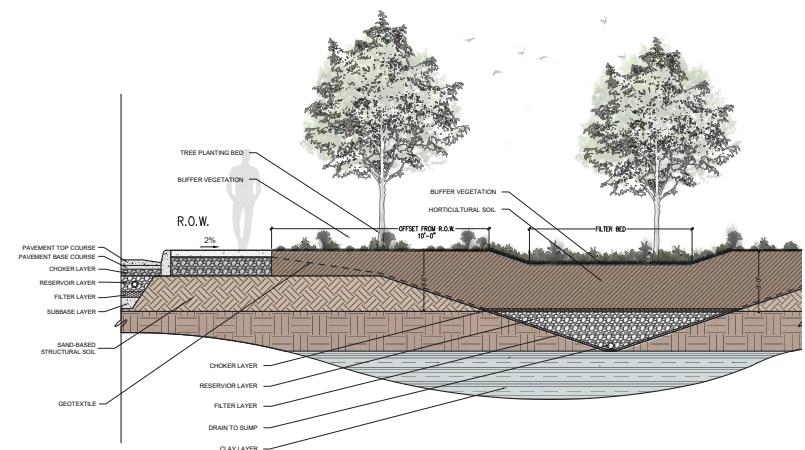
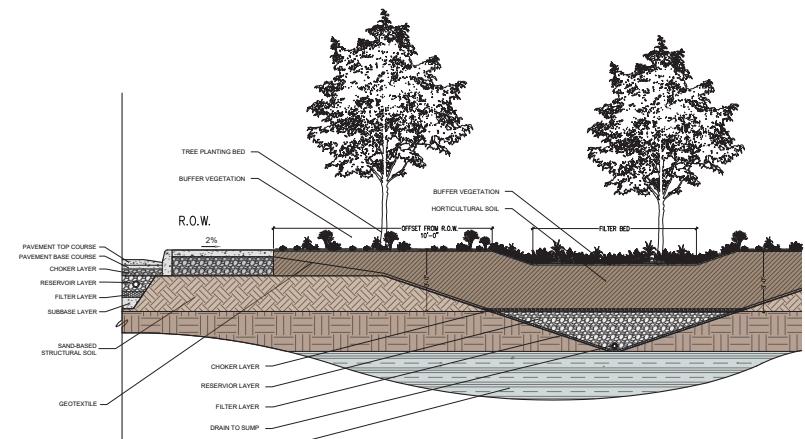
The Douglass site is the former home of Detroit's largest public housing development and is slated for a new, mixed-use development in the coming years. As landscape architect and stormwater and sustainability lead for the new development's District Infrastructure Plan (DIP), BLD developed a conceptual green stormwater infrastructure (GSI) strategy for future development that exceeds local requirements for stormwater management.

BLD additionally undertook a robust analysis and a variety of modeling exercises in support of the DIP, including project CO₂ emissions, carbon drawdown over the project's lifetime, volumetric stormwater modeling, water flow modeling, interpolation of environmental contamination on site, and energy use and peak demand modeling for proposed buildings. Modeling and analysis allowed for continual refinement and improvement of the DIP throughout the project.

Conceptual planning and designs developed by BLD for Douglass include a district stormwater management system capable of infiltrating and detaining a benchmark 100-year, 24-hour storm through the entirety of the project's phased vertical development; conceptual site plans and sections for GSI interventions throughout the project site; conceptual considerations for innovative site remediation opportunities, and the identification of reuse opportunities for site soils and other materials to realize cost and carbon savings.

CONTACT

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THE ECOLOGICAL CITY

BLD BISHOP LAND DESIGN, LLC

Role: Professor of the Practice
University: Northeastern University School of Architecture
Location: Boston, MA
Offered: 2019-2022

As the Professor of the Practice for the School of Architecture at Northeastern University in Boston, Bishop led a class of graduate students in developing a toolkit of solutions to create ecological cities—metropolitan areas that, through urban form, resource management, and other concepts, function without degrading or depleting environmental and ecological resources and relationships.

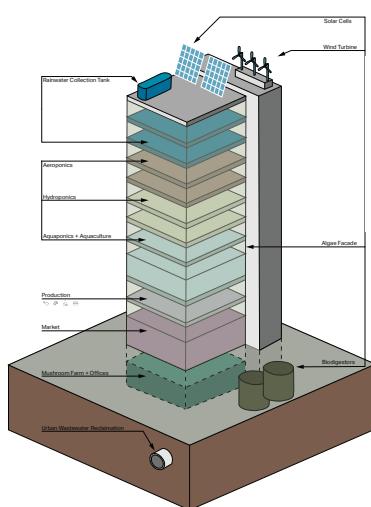
The class' final project developed a presentation and scientific paper which developed and analyzed concepts, diagrams, and elements that would be part of a future ecological city and that would limit global carbon dioxide emissions. The class consulted past and present resources—including Ebenezer Howard's Garden Cities of Tomorrow (1902) and the International Panel on Climate Change's (IPCC's) 2022 Report—to ground these concepts in research and hard numbers.

Under Bishop's guidance, the students explored a variety of conceptual and technical interventions across land use, building, transportation, energy, and industrial sectors that can work interdependently to create truly sustainable cities and eliminate anywhere from 63% to 100% of global annual carbon dioxide emissions by 2050—capping the IPCC's projected global average temperature increase at 2 degrees Celsius.

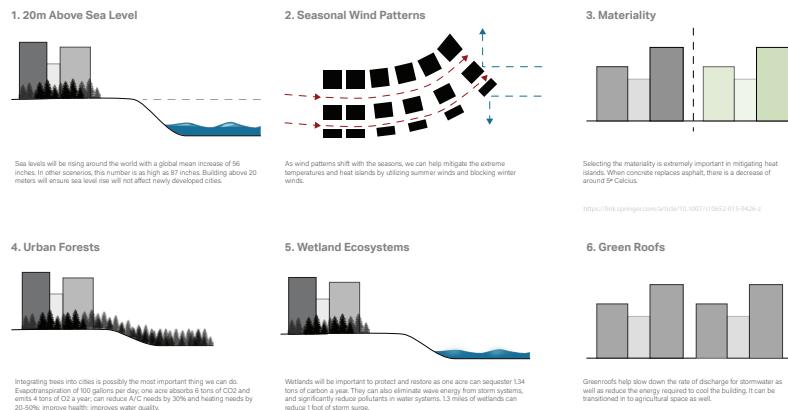
CONTACT

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VERTICAL FARMING



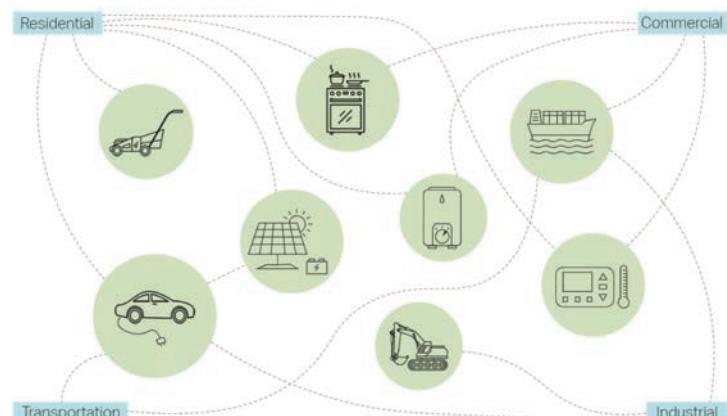
URBAN LAYOUT AND BUILDING FORM



ALLOCATING SPACE FOR WATER



ELECTRIFICATION



CONCLUSIONS

IPCC Report C.1.1

To limit global warming to 1.5°C reduce GHG emissions 84% by 2050
To limit global warming to 2°C by 2050 reduce GHG emissions 63% by 2050

AFOLU

Reduced 10 Gt CO2 per year by 2050
Sequester 28.5 Gt CO2 per year by 2050

Build Environment

Reduced 8.2 Gt CO2 per year by 2050
Sequester 20 Gt CO2 by 2050

Industry

Reduced 4.6 Gt CO2 per year by 2050

Transportation

Reduced 4 Gt CO2 per year by 2050

Energy

Reduced 10 Gt CO2 per year by 2050

Current CO2 Emissions

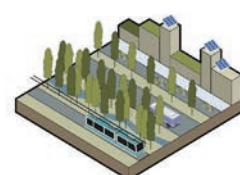
59 Gt CO2 per year

Proposed Reductions

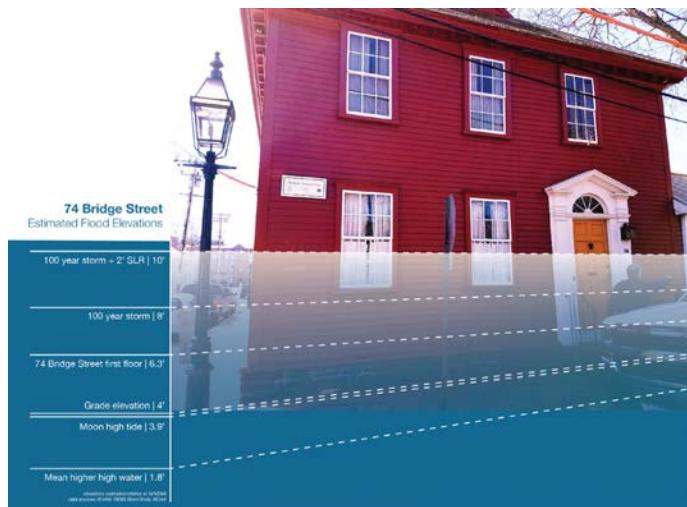
36.7 Gt CO2 per year

Proposed Sequestration

28.5 Gt CO2 per year



Relevant Project Experience



Newport Restoration Foundation Climate Resilience Strategy

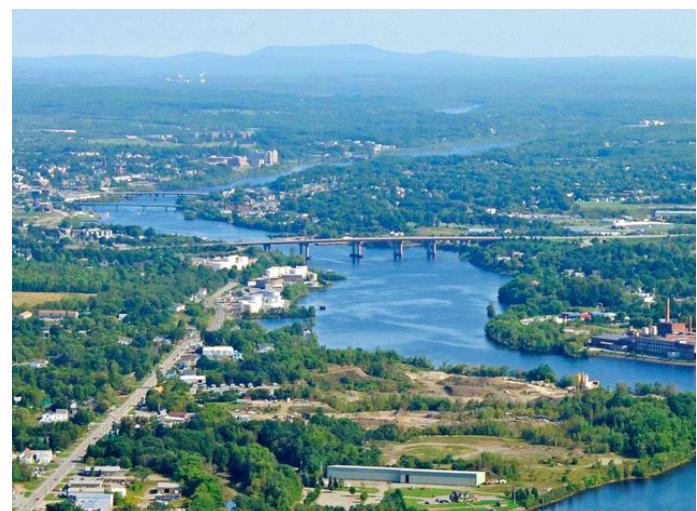
Client: Newport Restoration Foundation

Dates: April 2019 - September 2019 (phase 1);
July 2021 - December 2021 (phase 2)

Team: Linnean Solutions (Co-Lead), Built Environment Coalition (Co-Lead)

Linnean partnered with the Built Environment Coalition in 2019 to develop resilience strategies for the Newport Restoration Foundation's portfolio of historic buildings in Newport, Rhode Island. Newport's extensive stock of historic buildings and neighborhoods adds a layer of complexity for a city that will see increasing sea level rise and that is already facing both coastal flooding from storm surge and localized flooding during heavy rains. The historic 74 Bridge Street property located within Newport's Point Neighborhood was used as a case study site based on its location well within the 100-year (1% annual) flood plain and its high susceptibility to flood-related hazards. The Newport Restoration Foundation contracted Linnean to analyze the site and hazards, identify potential interventions, and present the findings in a final report and presentation to the foundation's Board of Directors. The final report provided the Newport Restoration Foundation with recommended near-term, mid-term, and long-term adaptation strategies that would both protect the city's cultural and historical assets while embracing projected future change. For Phase II of the project, Linnean assessed The Newport

Restoration Foundation (NPF)'s full portfolio of 75 historic houses in Newport for climate-related risk and vulnerability, especially to sea level rise and storm surge. The project involved data collection and analysis, along with mapping of locations and hazards for all 75 properties. The vulnerability assessment will support NPF's strategic portfolio management.



Penobscot Climate Action

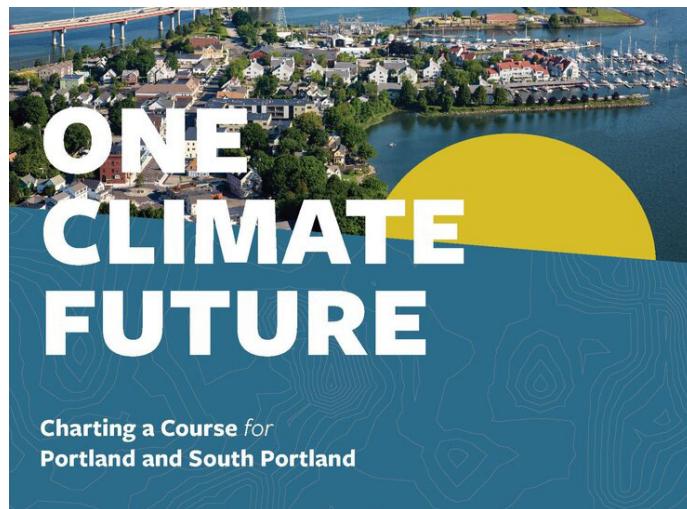
Client: Bangor Area Comprehensive Transportation System

Dates: April 2022 - March 2024

Team: Linnean Solutions (Co-lead); BSC Group (Co-lead); Introba; Scouter Design

Penobscot Climate Action is a partnership of 11 towns in the Greater Bangor region of Maine, led by the Bangor Area Comprehensive Transportation System (BACTS), to strengthen the region's communities, infrastructure, and economy in the face of a changing climate. Linnean worked with a team of consultants, BACTS, and staff from multiple towns in the region, to provide several services in support of regional collaboration toward climate action goals, including conducting a Climate Vulnerability Assessment (CVA), and developing a community-driven climate policy development process. As part of the CVA, the Linnean Team evaluated watershed areas contributing to sunny day or 'nuisance' flooding. A spreadsheet calculator was generated to support projecting impacts to these areas

as well as evaluating any infrastructure aimed at reducing flood impacts to these areas. This high level planning tool allows rapid evaluation of land use changes and associated impacts. As part of the community-driven process, Linnean facilitated five working groups that included town staff, residents, and community advocates. The working groups identified and drafted 10 value-aligned and high-impact climate action strategies to be developed into a series of “implementation toolkits”, designed to facilitate immediate action towards mitigating and adapting to the impacts of climate change, while building equity and resilience. See the project website at: penobscotclimateaction.org.



One Climate Future

Client: Cities of Portland and South Portland, ME

Dates: January 2019 - September 2020

Team: Linnean Solutions (Lead); Integral Group; Kim Lundgren Associates; Woodard & Curran; Carl Eppich

From January 2019 – September 2020, Linnean partnered with the cities of Portland and South Portland, ME and a team of subconsultants to create a joint, two-city climate action and adaptation plan, One Climate Future. In the initial phase of the project, Linnean led the development of the project’s Climate Change Vulnerability Assessment in order to synthesize the wealth of existing information on climate change in southern Maine and to outline climate risk and vulnerability in the two cities. The Assessment documented downscaled and localized climate projections for temperature, precipitation, and sea level rise; mapped

flood risk from sea level rise and storm surge; and outlined potential implications for health and wellbeing, ecosystems, economies, and the cities’ infrastructure systems. The vulnerability assessment, and particularly the top ten risks identified, drove the climate resilience solutions in the One Climate Future plan. See the project website at: oneclimatefuture.org.



Multifamily Housing Resilience Assessment

Client: a coastal state housing authority

Dates: January 2019 - October 2020

Team: New Ecology, Inc. (Lead); Linnean Solutions

Linnean conducted a climate vulnerability and resilience assessment for a coastal state housing authority. This work included climate hazard mapping focused on both current flood risk and future inundation due to sea level rise. Flooding combined with exposure to elevated heat, hurricane force winds, and other hazards were evaluated across a portfolio of over 150 affordable housing sites. Through collaboration with New Ecology, Inc and several state agencies, the project team worked to develop a resilience assessment tool that allowed the housing authority to continue to consider climate issues in future planning and enhance the resilience of the state’s affordable housing stock. Additionally, Linnean and New Ecology co-facilitated a series of stakeholder workshops that engaged housing authority staff, property owners, and building managers around issues of climate vulnerability and resilience at both the state and facility scale.

PROJECT APPROACH

A. Project Goals

BLD anticipates that the scope of work necessary to deliver on the Town of Brookline's goals for the Climate Action & Resiliency Plan (CARP) will require three phases of work: an information gathering, research, and analysis phase; a community engagement phase, and a phase centered on CARP development. The respective goals of these three work phases will be to identify priorities, strengths, weakness, gaps, and new opportunities from the Town's past planning efforts and from robust research; determine community priorities and capacity for climate action planning and resiliency planning, particularly in regards to achieving net zero emissions and addressing climate vulnerabilities; and establish a comprehensive, actionable, and trackable climate and resiliency framework that positions the Town of Brookline to achieve its climate goals no later than 2040.

Our team shares the Town of Brookline's urgency and desire to comprehensively and practically address climate needs. As residents, visitors, and employees of Brookline and Greater Boston, our team is devoted to helping our towns and cities meet the moment to adapt to and mitigate the impacts of climate change. We also acknowledge the significant and growing financial and logistical challenges that are posed by this necessary transition. Our team envisions a "whole system" approach, covering a wide range of creative, practical, and measurable design and policy outcomes at the municipal and state level—working across scales and domains—that will allow the CARP to successfully guide the Town into a cleaner, safer, and more resilient future.

Our design team is proud to present examples of planning efforts with similar qualities and challenges as the CARP to the Town of Brookline for its consideration. Our team, led by BLD Principal Scott Bishop, with experience in translating municipal and community desires into plans through targeted research, robust community engagement, thoughtful analysis, and innovative design practice, is well-equipped to assist the Town of Brookline, community members, and local stakeholders in charting a path towards a more resilient, net-zero future. We are confident that the plan we create together will become a beloved asset and framework for the Town and its residents. We kindly ask that you review our proposal, qualifications, experience, and approach with this in mind.



The Point | Quincy, MA | Planning & Landscape by BLD

B. Project Philosophy and Approach

BLD straddles both the theoretical and practical planning worlds. Our firm aims high in planning and design to maximize opportunities to sequester carbon, provide and improve habitat, increase biodiversity, and integrate those key ecological needs with human-centered programming opportunities beautifully and seamlessly. We strive to exceed standards and regulations using proven technologies and science and to work with clients and the design team to creatively grow beyond the baseline in the face of logistical and financial constraints.

Information Gathering, Research & Analysis of Past Planning & Master Plan Development

Research is a critical principle of BLD's ethos and the foundation of our design and planning processes. Advances in climate resiliency tools, materials, methods, policies, and strategies for landscapes, urban design, and climate resiliency are constantly and rapidly being made locally, nationally, and worldwide. BLD actively seeks out these tools for application when implementing our planning and landscape projects. Our team digs deep into research and data from new opportunities and strategies attuned to each project we undertake. Where interesting, effective, and relevant strategies have already been implemented, our team works to identify opportunities to perform even better.

BLD's research includes gap analyses of past and existing planning efforts within a given community. Our unique perspective as human ecologists and landscape architects allows us to view the landscape itself as a means of gap analysis. We look to existing habitats, access to green space, ecosystem conditions, existing programming, and other landscape qualities to identify how a given space can best meet the needs of its users, its ecology, and climate resiliency goals. We directly quantify the impact of our actions on the landscape, measuring anything from the carbon sequestration capacity of a single tree over its lifetime, to the capacity of an infiltration basin to process excess stormwater, to the emissions impacts of electric maintenance tools in small parks or mixed-use developments.

Our design team has the technical experience, optimism, and drive to deliver for the Town, its residents, and its evolving urban ecology. We are experienced in bridging gaps between stakeholders, municipal departments, and community members to create forward progress. Our team has provided resiliency planning, ecological planning, landscape planning, and sustainability planning services of up to 1,000 acres for major cities like Detroit and Philadelphia, local municipalities including the City of Quincy, as well as several private sites, ranging from infrastructure and sustainability planning for an 18-acre urban mixed-use development to a stormwater management plan for a 10,000-square-foot backyard. BLD is local, experienced, and ready to go beyond the baseline to deliver the plan that Brookline deserves.

Community Engagement/Public Meetings

BLD shares the Town's commitment to community-focused design and meaningful, productive, and representative community engagement. We look forward to assisting the Town of Brookline and planning staff by providing community engagement materials and other supplementary materials for a minimum of two (2) public forums and two (2) public presentations of the CARP to the Select Board. Team representatives, including BLD's project manager, will be available at these public meetings and other public events to answer questions, discuss and address concerns, gather feedback, and provide general support to the Town and its representative staff. BLD will refine presentation materials, as necessary, in preparation for these public/stakeholder meetings. BLD will provide the Town with brief, written meeting summaries alongside scanned notes or sketches of community input following each public meeting. Information from community engagement sessions is a critical part of our team's design process and will be integrated into the design development of the CARP.

BLD places high importance on creating and employing various multimedia tools to encourage public participation and to ensure that feedback accurately represents the entire community. We have effectively worked with diverse communities to create inclusive and meaningful tools for public engagement. Our experience will

guide the development of the Community Outreach, Communication, and Meaningful Engagement Plan in coordination with Town staff. We will utilize Town data sets and results to identify specific communities and outreach methods, such as online surveys, to maximize local participation and representative feedback.

For public forums, our team will create public-facing graphics accessible to all age groups and abilities that encourage multi-generational engagement, the effectiveness of which has been proven from prior experience. We will pay close attention to participants' accessibility needs and, in coordination with Town and planning staff, take necessary measures to provide multilingual material, employ accessible language, and generate engagement materials for the visually impaired whenever necessary.

We strive to make planning and design accessible to all audiences with a style that is approachable, artistic, playful, meaningful, and intended to welcome the public into the planning process. We listen to people from all walks of life through nuanced engagement that shapes recommendations and builds local capacity. Our mutual exchange with residents and stakeholders is one of trust and respect. We actively listen and develop relationships with the people and places where we work to ensure a successful outcome.

Project Administration & Coordination

Our team has developed a strong understanding of working with a range of public and private entities across the country over many years and multiple projects. Our past clients and partners have included municipal governments large and small, community and neighborhood advocates, environmental assessors, conservation commissions, non-profit and non-governmental organizations, and more. We aim to build a strong working relationship with the client team and establish communication goals and procedures that maximize the productivity of our client interactions. We will work closely with the Town of Brookline, and take input from community members and other stakeholders to build a mutual understanding of community desires as we develop the CARP.

To maintain a strong working relationship, BLD recommends biweekly check-in sessions with the Town of Brookline's representative team throughout the project, as described within the RFP. Our meetings will prioritize gathering feedback, making improvements, and solving problems. BLD will submit progress reports and deliverables monthly, as part of our internal project management process. Each report shall describe accomplishments, decisions, and overall project progress made during that period. They will also contain updated project schedules and budget information, if applicable. In BLD's experience, this progress reporting format allows for a deliberate and interactive process and entails close coordination and collaboration with Town representatives and other stakeholders.

C. Project Leadership, Organization and Management

BLD's efforts on the Climate Action & Resiliency Plan will be led by Principal Scott Bishop, a licensed landscape architect with more than 25 years of experience. Bishop is an expert on the beneficial impacts that high-quality, productive, and inclusive plans, landscapes, and open spaces have on their communities. His work has focused on innovative ways to address environmental and ecological issues with resilient and climate-aware solutions. Bishop has worked to encourage his colleagues in the field of landscape architecture into more climate-conscious design practices by serving as chair of the American Society of Landscape Architects (ASLA) Climate Action Committee from 2020 through 2022. As a founding member of the group and its immediate past chair, he was instrumental in creating their climate framework, which was released at the end of 2022 as the ASLA's Climate Action Plan. Bishop's other climate and ecological planning credentials include *Detroit Future City* (2015), the *Lower Eastwick Public Land Strategy* (2019) in Philadelphia, the *Delray Neighborhood Framework Plan* (2020) in Detroit, and many others.

As a licensed landscape architect, Bishop will identify potential climate adaptation and mitigation strategies particularly those that utilize the landscape as an opportunity to reduce and sequester carbon emissions and

enhance resiliency to climate change and severe weather events. Bishop will also recommend guidance that will be built on and refined throughout the master planning process. He will lead BLD's presence at Town meetings and serve as BLD's primary facilitator at community meetings.

Bishop's work will be supported by Associate and Project Manager Evan Bradley, an urban designer and planner with a decade of experience working with public parks, the public realm, and urban spaces. His work includes more than five years of experience promoting and improving regional-level park systems, including parks along the Charles River and the Emerald Necklace. He will serve as the primary contact between the design team and the Town for day-to-day project management, correspondence, and coordination. He will provide presentations and take notes at meetings between BLD and the Town's representative team. He will additionally support the project through drafting the CARP, conducting research, and completing analysis & reporting of community feedback.

Additional support in climate and resilience policy will be provided by Linnean Solutions, a Cambridge-based climate consultant dedicated to working with communities to create a more just and regenerative future. Led by Principal Jim Newman, Linnean Solutions works across scales, supporting citywide policy, neighborhood projects, and the capacity for collective decision-making. Linnean Solutions utilizes a mix of technical analysis and collaborative processes to work in partnership toward systemic change.

A graphic organizational chart, including complete project teams, is provided in this document on the following pages.

D, E & F. Work Program, Deliverables, and Project Schedule

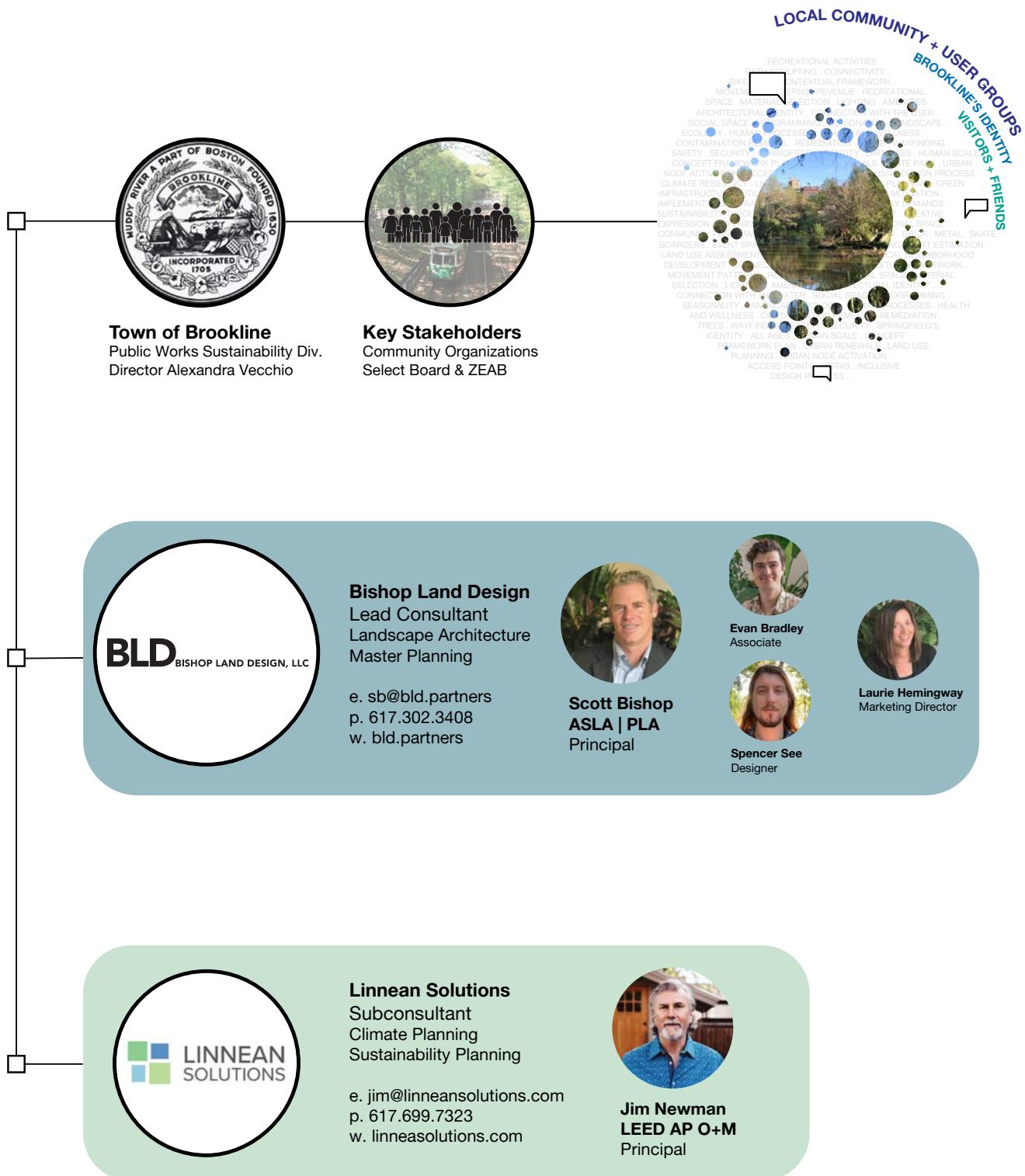
In accordance with the proposed timeline laid out within the RFP, as well as our team's experience in projects of a similar size and scope, we plan for completion and presentation of the final Climate Action & Resiliency Plan 11 months after project kickoff, by the end of September 2025, alongside several intermediate deadlines for information gathering, research, and analysis; community engagement; as well as the development and presentation of a draft planning document. The design team is prepared to meet these deadlines, just as we have for our past projects, and looks forward to providing the Town of Brookline with timely services.

A graphic project schedule and work program, including timelines and deadlines for specific project tasks and deliverables, is provided in this document on the following pages.



TEAM LEADERSHIP & STRUCTURE

BLD BISHOP LAND DESIGN, LLC



SCHEDULE & DELIVERABLES

BLD BISHOP LAND DESIGN, LLC

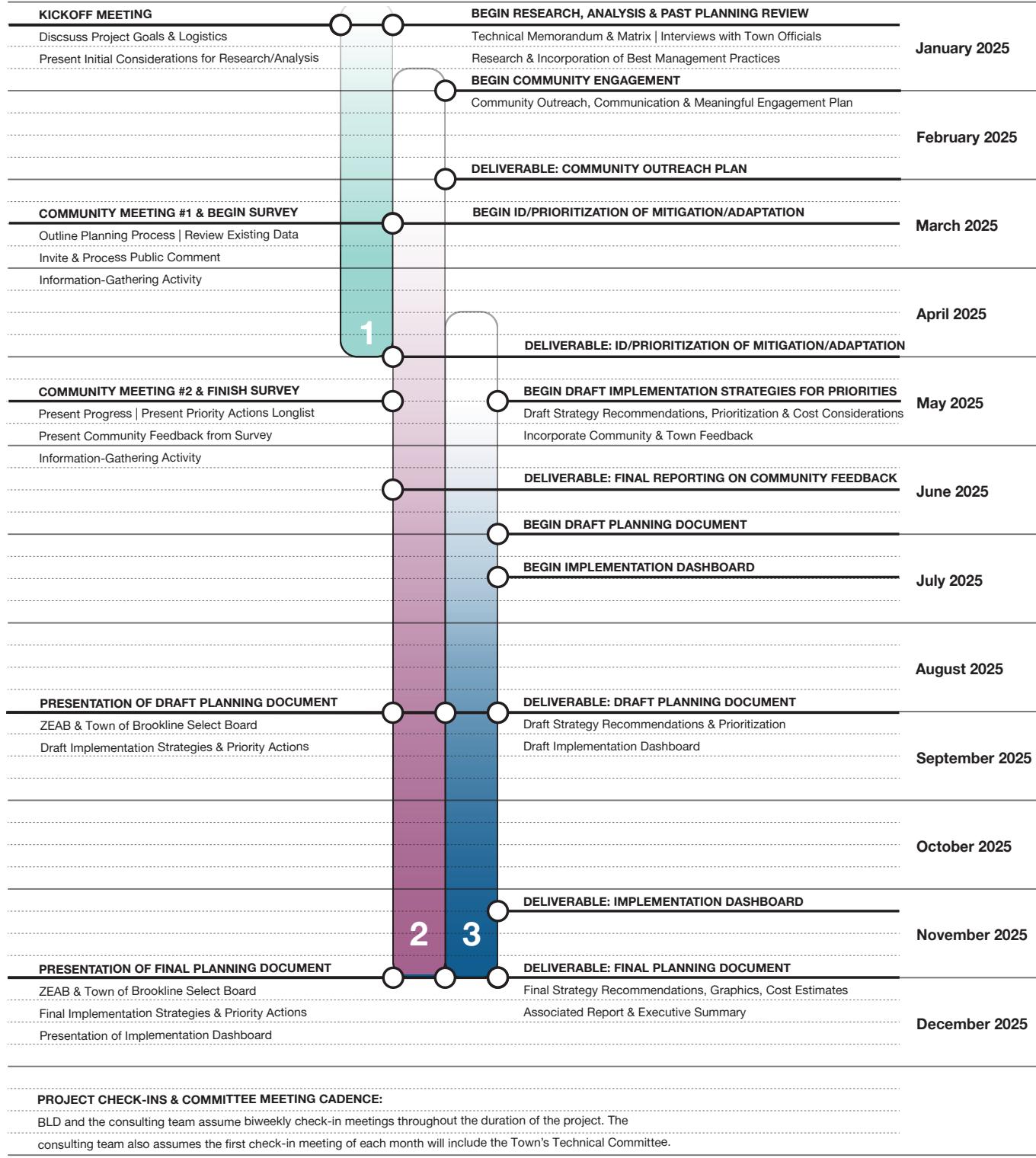
MEETINGS

DELIVERABLES & MILESTONES

TASK 1: RESEARCH, ANALYSIS & PAST PLANNING REVIEW

TASK 2: COMMUNITY ENGAGEMENT

TASK 3: PLAN DRAFTING & DEVELOPMENT



KEY PERSONNEL

EDUCATION

University of Pennsylvania
Master of Landscape Architecture
2005

College of the Atlantic
B.A. in Human Ecology . 1997

REGISTRATION

Licensed Landscape Architect
Massachusetts . Connecticut .
Michigan . North Dakota . Pennsylvania
Rhode Island

PROFESSIONAL EXPERIENCE

Bishop Land Design . Principal
Quincy . MA . 2015-Present

Stoss Landscape Urbanism . Principal
Boston . MA . 2005–2015

Utile . Staff Designer
Boston . MA . 2005

National Park Service
Intern Landscape Architect
Philadelphia . PA . 2004

Foglia Design Associates . Landscape
Designer . Somerville . MA . 1999–2002

AFFILIATIONS + COMMITTEES

American Society of Landscape
Architects . Member

ASLA . Climate Action Committee
Chair . 2020-2022

BSLA . Advocacy Committee
Member . 2022

BSLA . Annual Meeting Committee
Member . 2019-Present

SELECT AWARDS

BSLA Special Recognition . Champions
for Community Voice . Kincaide Park
2021

BSLA Merit Award. Analysis and
Planning. The Berm . 2020

Michigan Association of Planning
Daniel Burnham Award . GR Forward
2016

ASLA Michigan Chapter. Honor Award
Landscape Planning and Analysis
Detroit Future City . 2013

Smithsonian Cooper-Hewitt National
Design Award . Landscape Architecture
Category . 2012

Top Honor Award . CityDeck .
Excellence on the Waterfront Awards
Waterfront Center . 2011

Topos Landscape Award . Topos
International Review of Landscape
Architecture and Urban Design . 2010

ACADEMIC EXPERIENCE

Northeastern University . Professor
of the Practice in Urban Landscape
College of Arts, Media and Design
School of Architecture . 2014-2022

Harvard Center for Green Buildings and
Cities . Resident Expert . 2014-Present

University of Puerto Rico . Guest Critic
2013- 2015

Florida International University . Cejas
Eminent Scholar . 2013

Boston Architectural College .
Studio Director . Sasaki Distinguished
Visiting Critic . 2010

SELECT PROJECT EXPERIENCE

Rochester Museum & Science Center
Rochester . NY

Douglass Infrastructure Plan
Detroit . MI

Presidents Coast . Quincy . MA

Squantum Point . Quincy . MA

Delray Neighborhood Framework Plan .
Detroit . MI

Kincaide Park . Quincy . MA

Lyons Street Plaza . Grand Rapids . MI

Fargo Civic Plaza . Fargo . ND

The Fargo Project . Fargo . ND

Fargo Downtown InFOCUS . Fargo . ND

Detroit Future City . Detroit . MI

Gerstacker Grove . University of
Michigan . Ann Arbor . MI

Harvard Plaza . Cambridge . MA

RECENT PRESENTATIONS

Climate Action Now . ASLA Annual
Conference . 2021

Building Green Infrastructure University
of Pennsylvania . 2021

Climate Action! . Central States ASLA
Conference . 2021

Kincaide Park BLing Landscapes That
Work . Boston Greenfest . 2021

Discussions on Resiliency and Living
Systems . Harvard University . 2020

PUBLISHED WRITINGS

“Zone Pusher” BSLA Fieldbook Fall
2014 . Boston Society of Landscape
Architects . 2014

“Retooling the Mill River” Connecticut
Society of Landscape Architects
Journal . 2012



SCOTT BISHOP PRINCIPAL

Scott Bishop is the founding principal of BLD | Bishop Land Design, a registered landscape architect and human ecologist. Firmly grounded in Boston, he works around the world and designs within a variety of environments and ecologies including Eastern Africa, the Middle East, North America, the Caribbean, Asia and Europe.

From 2014 to 2022, Scott was the professor of the practice in the Urban Landscape and Sustainable Urban Environments programs in the School of Architecture at Northeastern University. He was a Visiting Critic at Syracuse University, the Cejas Eminent Scholar at Florida International University, and a visiting critic at the University of Puerto Rico. He has also taught at the University of Pennsylvania School of Design as a studio critic for the Department of Landscape Architecture, and he directed the Stoss Studio for the Sasaki Distinguished Visiting Critic Award at the Boston Architectural College.

During his decade of leadership at Stoss, the firm earned the Cooper Hewitt National Design Award for Landscape Architecture. Scott holds a Master of Landscape Architecture from the University of Pennsylvania and a BA in Human Ecology from the College of the Atlantic.

EDUCATION

Northeastern University
Master of Design in Sustainable
Urban Environments . 2022

Northeastern University
Bachelor of Environmental
Science . 2015

ACADEMIC EXPERIENCE

Envision Resilience Narragansett Bay
Challenge . ReMain Ventures . Guest
Critic . 2022

Northeastern University . College of
Arts, Media and Design . School of
Architecture . Teaching Assistant .
2021–2022

PROFESSIONAL EXPERIENCE

Bishop Land Design . Associate
Quincy . MA & Detroit . MI . 2022 –
Present

Emerald Necklace Conservancy
Marketing and Communications
Coordinator . Boston . MA . 2017–2020

Boston Planning & Development Agency
Planning Assistant . Boston . MA .
2016–2017

Charles River Conservancy . Special
Projects Associate . Cambridge . MA
2014–2016

SELECT PROJECT EXPERIENCE

Delray Phytoforest Pilot . Detroit . MI

Douglass District Infrastructure Plan .
Detroit . MI

RMSC Master Plan . Rochester . NY

Traverse City Whiskey Company .
Traverse City . MI

Museum of Science . Boston . MA

Presidents Coast Pedestrian Trail
Network . Quincy . MA

Fog x FLO (with Emerald Necklace
Conservancy) . Boston . MA

PLAN: JP/ROX (with BPDA) . Boston . MA

**EVAN BRADLEY
ASSOCIATE**

Evan Bradley is an Associate at Bishop Land Design. He is a double graduate of Northeastern University in Boston, Massachusetts, with a Master of Design in Sustainable Urban Environments and a Bachelor of Science in Environmental Science.

Prior to working with BLD, Evan was an advocate for a number of public landscapes, including Greater Boston's Emerald Necklace and Charles River park systems. The technical, historic, and aesthetic qualities of these constructed greenspaces, which mesh landscape design with vital infrastructural functions, continue to inspire Evan's practice of design for a more equitable, resilient, and sustainable urban future.

Proudly born and raised in Massachusetts, Evan has recently moved to Michigan to support BLD's growing portfolio of midwestern projects.

EDUCATION

Ohio State University
Master of Landscape Architecture . 2024
Master of City and Regional Planning .
2024

Ohio State University
Bachelors of Environment, Economy,
Development & Sustainability . 2019

ACADEMIC EXPERIENCE

Kirwan Institute . GIS and Design
Columbus . OH . Jan 2023 - May 2023

Knowlton School of Architecture .
Graduate Prototype Design and Teaching
Assistant . Columbus . OH . Jan 2022 -
Dec 2022

PROFESSIONAL EXPERIENCE

Bishop Land Design . Designer
Quincy . Massachusetts . July 2024 -
Present

Ohio Emergency Management
Agency . Disaster Mitigation Intern
Columbus . Ohio . Aug 2023 - May 2024

Bishop Land Design . Landscape Design
Intern . Quincy . Massachusetts . May
2023 - Aug 2023

Ohio Department of Transportation .
Geo-Hazards Intern . Columbus . Ohio .
May 2021 - Oct 2021

SELECT PROJECT EXPERIENCE

Veterans' Memorial Pool . Pawtucket . RI

PLAN: 2024 Statewide Ohio Hazard
Mitigation Plan Update, OH (with OEMA)

Traverse City Whiskey Company .
Traverse City . MI

**SPENCER SEE
DESIGNER**

Spencer See is a landscape designer and Spatial Analyst at Bishop Land Design. He holds a Masters Degree in Landscape Architecture and a Masters in City and Regional Planning from The Ohio State University. He also specialized in interdisciplinary studies for sustainability and community development as he obtained his Bachelors of Environmental Science degree at Ohio State University.

Spencer has a passion for green infrastructure and design, especially as they relate to community resiliency and sustainability. Having worked in a range of research appointments and hazard mitigation planning positions, he continues to pursue interdisciplinary approaches to design that address both the ecological and social needs of stakeholders.

Originally from Ohio, Spencer has recently moved to Massachusetts and is based out of BLD's Quincy office.



Jim Newman LEED AP, EcoDistrict AP, LFA

Founder and Principal

Jim is the founder and Principal at Linnean Solutions, a mission-driven firm that helps governments, institutions, projects, and communities reach resilience and sustainability goals. Jim's thirty years of experience includes climate mitigation and adaptation planning; the development of sustainability and resilience frameworks, manuals, and certification programs; carbon and life cycle analyses for rethinking building construction and waste; resilience assessments at the building and urban scales; and stakeholder engagement processes to strengthen communities. As a Living Environmental, Social, and Economic Systems (LENSES) Facilitator and Trainer, Jim regularly leads community planning workshops, and trains others in becoming effective facilitators. He is a member of the RELi/USGBC Steering Committee, where he has worked to bring a social equity lens to the development of the new certification standard for resilient buildings. Jim is a key author of several influential resilience reports and tools—including the Enterprise Community Partners' *Ready to Respond: Strategies for Multifamily Building Resilience* manual and *Building Resilience in Boston*.

Previous to Linnean, Jim worked with BuildingGreen, Inc. as the Director of Strategy, where he led the development and introduction of most of BuildingGreen's online products including LEEDUser.com, BuildingGreen Suite, and the High Performance Buildings Database.

Expertise

Regenerative systems thinking; Carbon mitigation planning and life cycle assessment; Resilience and vulnerability analysis; Climate mitigation and adaptation planning; Building performance monitoring; LEED certification project management; Process facilitation and community engagement

LENSES Practitioner, CLEAR; Regenerative Practitioner, Regenesis Group;
LEED Accredited Professional with specialty (O+M);
EcoDistrict Accredited Professional;
Certified Municipal Vulnerability Preparedness (MVP)
Technical Service Provider
Living Future Accredited Professional

Education

MS in Management Science, Lehigh University;
BS in Architectural Design, Massachusetts Institute of Technology

Organizations

Member, USGBC Resilience Working Group
Living Future Collaborative Co-Facilitator
Member, Board of Directors, Resilient Design Institute
Former Member, Board of Directors USGBC MA Chapter
Member, Board of Directors, CLEAR

Presentations

BE+Workforce Training: September 16, 2022;
EcoDistricts: A New Model of Urban Regeneration
Greenbuild 2019: *Crisis, Zombies, and Climate Optimism*
ABX 2019: *It's 2050 and Boston is Carbon Free: What now?*
Living Future 2019: Workshop: *Developing Regenerative Metrics*
Urban Regeneration Forum 2018: Keynote: *Exploring Resilience through the Lens of Regeneration*
Greenbuild 2018: Workshop: *Elevating Equity in Development*
NESSBE Health of Place 2017: Presentation: *Resilience and Social Justice*
Greenbuild 2016: *Future Proofng Climate Smart Multifamily Housing*
ABX 2016: *Thriving in an Age of Rising Seas*
ABX 2016: *Mainstreaming Resilience as Part of Standard Practice*
NESEA BuildingEnergy16: *Community Resilience Planning*
Dynamic Cities Conference 2016: *Conceptualizing Sustainable Futures*
Living Future 2016: *Thriving with Water in Boston*

REFERENCES

BLD
BISHOP LAND DESIGN, LLC

Client: City of Detroit
Planning & Development
39 employees (City: 8,000)

Kevin Schronce,
Director, Central Region
Planning & Development
City of Detroit
2 Woodward Ave. Suite 808
Detroit, MI
schroncek@detroitmi.gov
313.224.9489

Services Provided:
Landscape Architecture;
Ecology & Infrastructure.

Time Period:
Oct. 2019 - Present

Delray Phytoforest | Detroit MI



Client: City of Quincy
Dept. of Natural Resources
13 employees (City: 2,400)

David Murphy,
Commissioner
City of Quincy
Dept. of Natural Resources
One Merrymount Parkway
Quincy, MA 02170
dmurphy@quincyma.gov
617.376.1253

Services Provided:
Landscape Architecture;
Ecology & Infrastructure,
Community Engagement,
Design, Construction
Management, Park
Maintenance Plan.

Time Period:
June 2017 - June 2020

Kincaide Park | Quincy MA



Client: City of Fargo
Planning and Development
16 employees (City: 3,000)

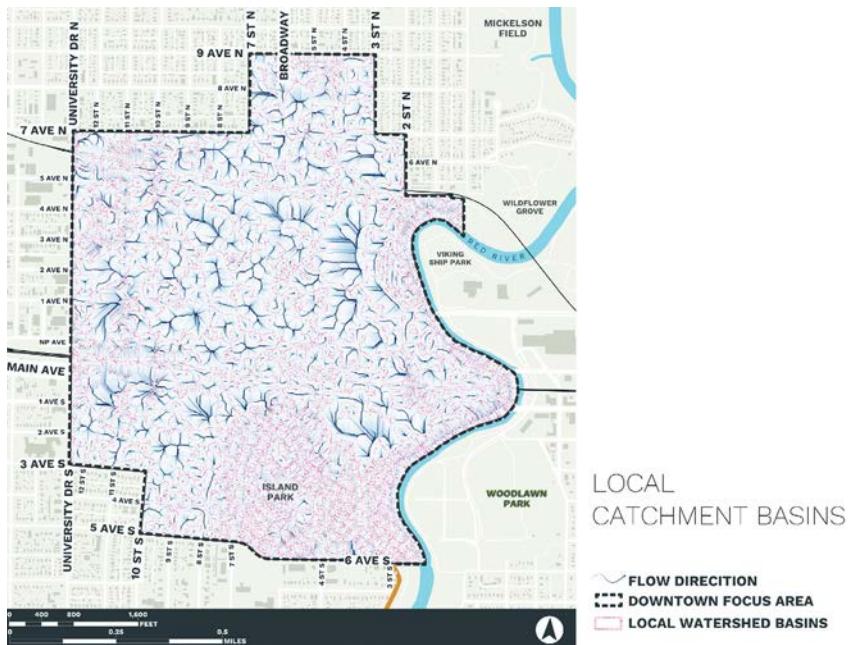
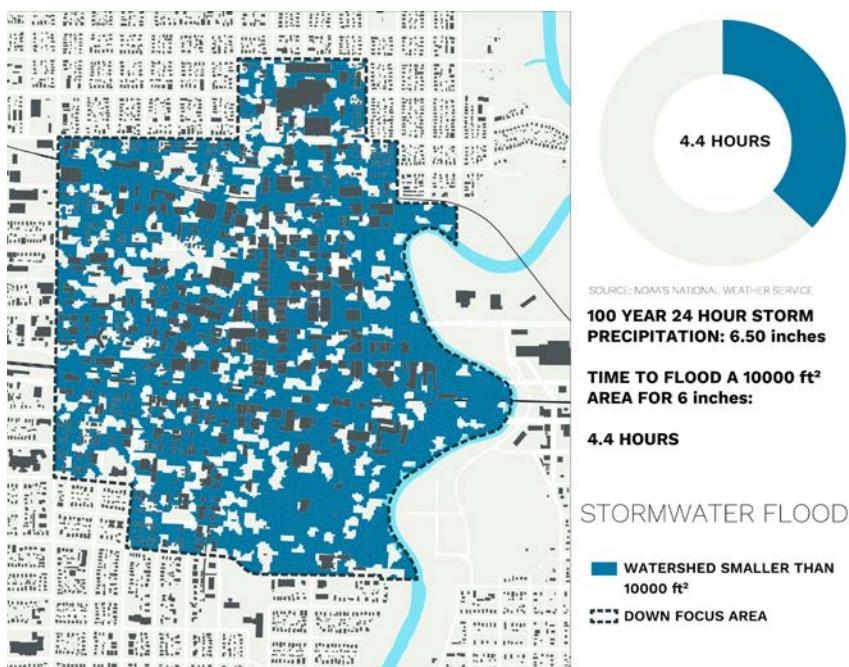
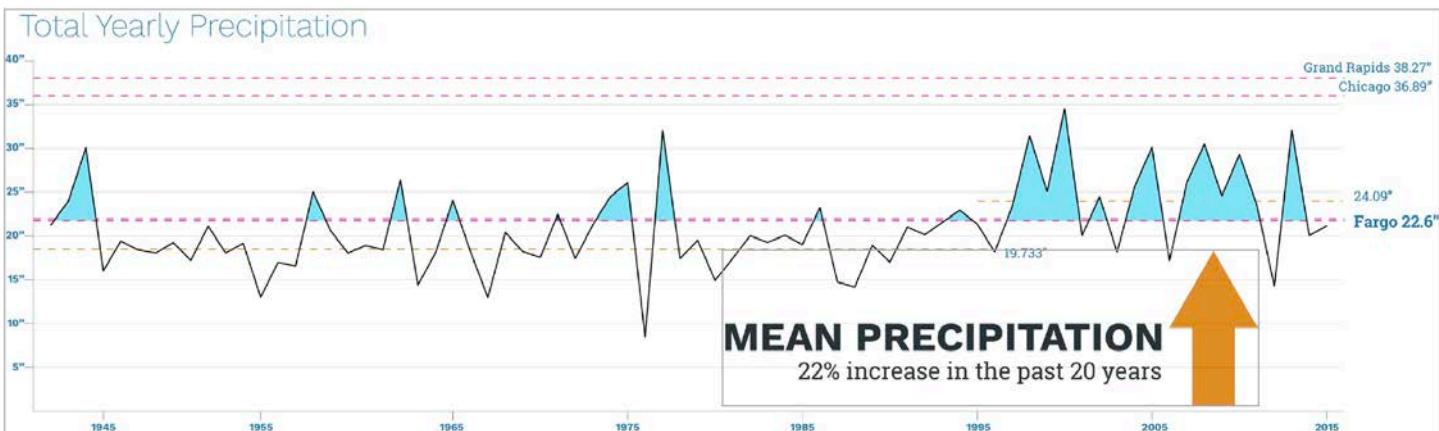
Nicole Crutchfield,
Director of Planning
City of Fargo
Planning and Development
225 4th Street North
Fargo, ND 58102
ncrutchfield@fargond.gov
701.297.7782

Services Provided:
Landscape Architecture;
Ecology & Infrastructure,
Planning, Community
Engagement, Design, and
Construction Management.

Time Period:
2018-2019

Fargo: Sodbuster + Downtown InFocus





Fargo Downtown InFocus | Fargo, ND | Images + Research by BLD



TOWN OF BROOKLINE *Massachusetts*

DEPARTMENT OF FINANCE

PURCHASING DIVISION

333 Washington Street
Brookline, MA 02445
617-730-2195
Fax: 617-264-6446

CERTIFICATE OF NON – COLLUSION

The undersigned certifies under penalties of perjury that this bid or proposal has been made and submitted in good faith and without collusion or fraud with any other person. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals.

Signature of individual submitting bid or proposal

Bishop Land Design, LLC

Name of Business

TAX COMPLIANCE CERTIFICATE

Pursuant to M.G.L. c. 62C, §49A, I certify under the penalties of perjury that, to the best of my knowledge and belief, I am in compliance with all laws of the Commonwealth relating to taxes, reporting of employees and contractors, and withholding and remitting child support.

Signature of individual submitting bid or proposal

Bishop Land Design, LLC

Name of Business



TOWN OF BROOKLINE *Massachusetts*

DEPARTMENT OF FINANCE

PURCHASING DIVISION

333 Washington Street
Brookline, MA 02445
617-730-2195
Fax: 617-264-6446

Certificate of Compliance with Article 4.4 FAIR EMPLOYMENT PRACTICES WITH REGARD TO CONTRACTS of the Town of Brookline By-Laws

I, Scott Bishop (printed name of individual/employer contracting with the Town) hereby certify that I shall comply with the Fair Employment Practices in fulfilling the terms of the contract that I propose to enter into with the Town of Brookline, and to which this Certificate is appended. By its signature on this Certification, the undersigned indicates it has reviewed Article 4.4 of the General Bylaws of the Town of Brookline and agrees to incorporate into an Agreement the necessary provisions related to fair employment practices and non-discrimination.

Signed under the pains of penalties of perjury, on this 20th day of November, 2024;



Contractor

Certificate of Compliance with Article 4.5 DISCRIMINATION PROHIBITION WITH REGARD TO CONTRACTS of the Town of Brookline By-Laws

I, Scott Bishop (printed name of individual/employer contracting with the Town) hereby certify that I shall not discriminate against any individual because of such individual's race, color, religious creed, national origin, sex, sexual orientation, age or ancestry in fulfilling the terms of the contract that I propose to enter into with the Town of Brookline, and to which this Certificate is appended. By its signature on this Certification, the undersigned indicates it has reviewed Article 4.5 of the General Bylaws of the Town of Brookline and agrees to incorporate into an Agreement the necessary provisions related to non-discrimination.

Signed under the pains of penalties of perjury, on this 20th day of November, 2024;



Contractor

**Certificate of Compliance with Article 4.8
LIVING WAGE
of the Town of Brookline By-Laws**

I, Scott Bishop (printed name of individual/employer contracting with the Town) hereby certify that I shall pay the Living Wage in fulfilling the terms of the contract that I propose to enter into with the Town of Brookline, and to which this Certificate is appended. By its signature on this Certification, the undersigned indicates it has reviewed Article 4.8 of the General Bylaws of the Town of Brookline and agrees to incorporate into an Agreement the necessary provisions related to Living Wage.

Signed under the pains of penalties of perjury, on this 20th day of November, 2024;



Contractor

TOWN OF BROOKLINE, MASSACHUSETTS - PURCHASING DIVISION
333 WASHINGTON STREET, BROOKLINE, MA 02445

REQUEST FOR PROPOSALS

CLIMATE ACTION AND RESILIENCY PLAN
(To be submitted in Envelope A)

Marked as Follows: **TECHNICAL PROPOSAL**

CLIMATE ACTION AND RESILIENCY PLAN
Reference #P-25-04

Proposer's Name: Bishop Land Design, LLC
Name of Individual or Company making Proposal

The following are to be attached to this Proposal form. (Responses should be detailed in accordance with the previous specific requests for information under "Technical Proposal" in the RFP document).

1. A synopsis of similar projects.
2. A synopsis of other significant contracts, with up to four examples, related to these types of services, preferably for municipal or other governmental agencies.
3. Résumés of key personnel.
4. A list with the name, address, telephone number, dates of service and a contact person's name and email address for a minimum of three comparable projects.
5. Number of consecutive years the proposer has been engaged in professional consulting services in the disciplines specified in this Request.
6. A completed Proposal Signature Form.

Note: Eight copies of the Proposal are to be submitted.

TOWN OF BROOKLINE, MASSACHUSETTS - PURCHASING DIVISION
333 WASHINGTON STREET, BROOKLINE, MA 02445

REQUEST FOR PROPOSALS

CLIMATE ACTION AND RESILIENCY PLAN TECHNICAL PROPOSAL (To be submitted in Envelope A)

PROPOSAL SIGNATURE FORM

The undersigned, hereafter called the Proposer, having fully familiarized him/herself with all of the Proposer documents, hereby agrees and declares:

1. That prices inserted cover all services, labor, materials, transportation, insurance, and all other necessary expenses to fulfill the conditions of the Contract within the time stated.
2. That if a substitute manufacturer's name or model number is not inserted by the Proposer in the appropriate location, it is understood that the Proposer will furnish only the specified item, and no substitute will be accepted.
3. Pursuant to M.G.L. Chapter 62C, Section 49A, the Proposer hereby certifies that the Proposer has filed all state tax returns and paid all state taxes required under law.
4. The undersigned certifies under penalties of perjury that this Proposal has been made and submitted in good faith and without collusion or fraud with any other person. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals.

The following items are to be completed by the Proposer:

Title of Proposal Climate Action and Resiliency Plan

Guaranteed Date of Completion November 1, 2025, assuming all deadlines are met by the Town

Company Name Bishop Land Design, LLC

Company Address 1354 Hancock Street, Suite 304, Quincy, MA 02169

Social Security or Federal Identification Number 47-4350707

Firm is: A Corporation A Partnership Individually Owned

Signature of Company Official 

Telephone Number 339-305-5618

Fax Number NA

Email Address sb@bld.partners

Prompt Payment Discount (if applicable): NA % Days, Net Days
NOTE: Acknowledge Receipt of Addenda 1



BLD BISHOP LAND DESIGN, LLC

Kincaide Park | Quincy, MA | Designed by BLD