

the vision

the green roof @ Boston Latin School
a sustainable roofscape community learning center



Vegetated Systems

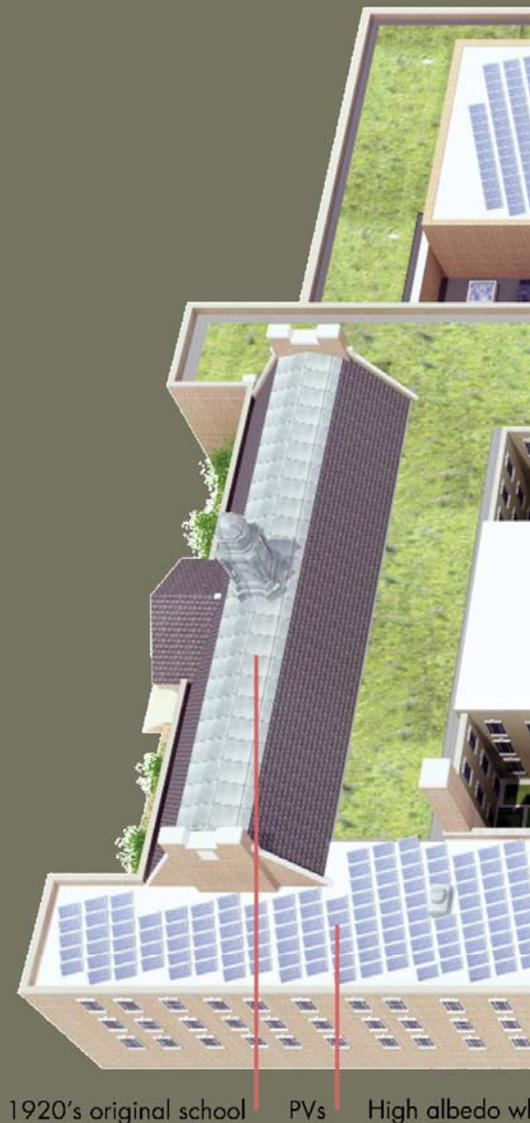


Renewable Energy

THE GREEN ROOF @ BLS transforms an unused school roof into a resource for local food, renewable energy, and enriching educational opportunities with greenhouse, gardens, labs and classrooms. Sustainability curricula utilizing the roof for empirical learning and aligned with Massachusetts standards will be piloted at BLS and shared online. Produce grown with student help will be served in the cafeteria to encourage healthy eating and combat obesity.

The roof is a test lab of renewable and vegetated systems. Students will document results, analyze data and share it, to improve performance and promote advances in system design and technology.

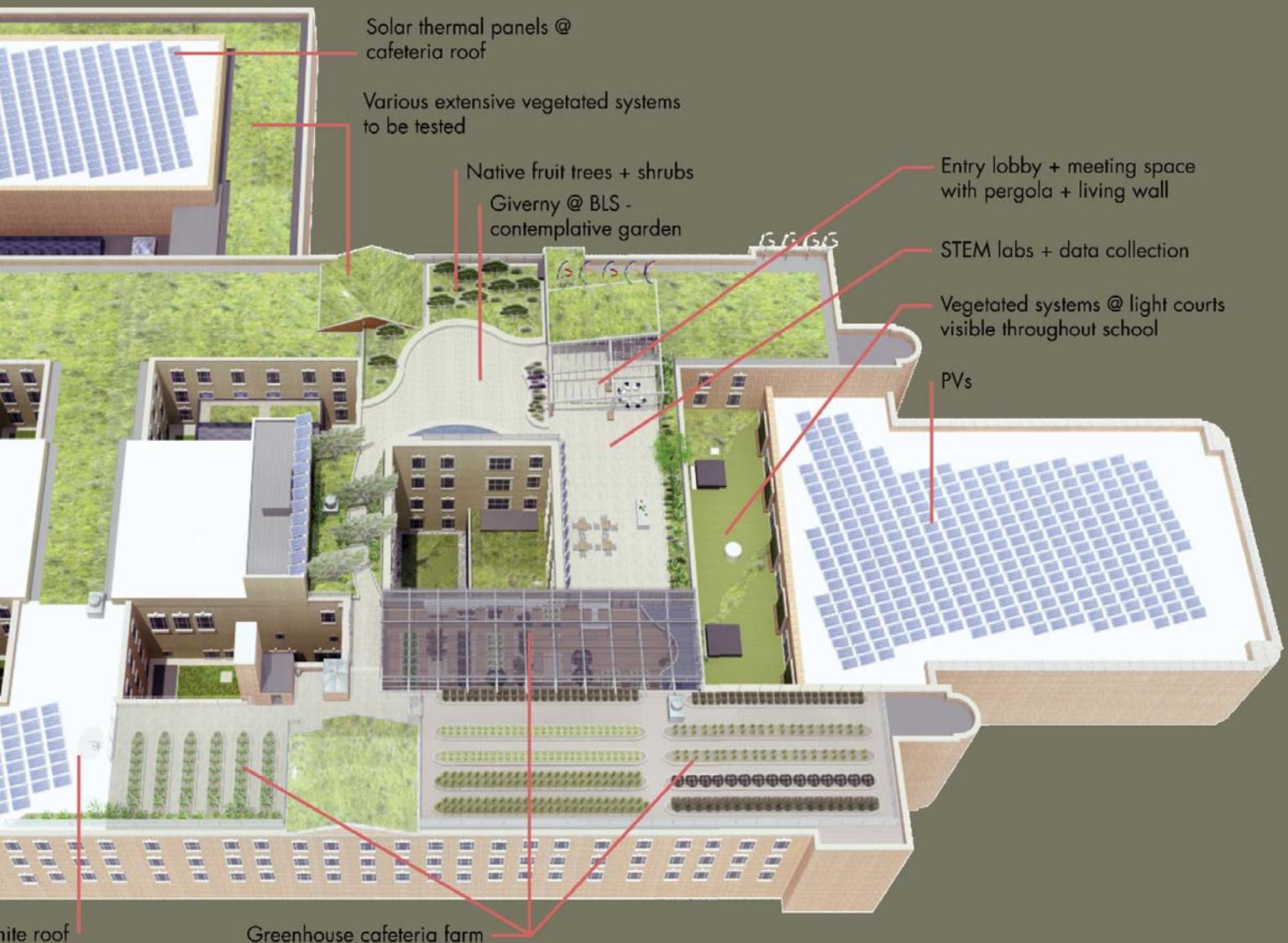
As the oldest public school in the US, BLS models sustainable principles and will share the process, design and implementation in the Boston school system, Youth CAN network and nationwide, demonstrating the benefits of an educational, sustainable roofscape.



1920's original school PVs High albedo w



Rooftop Cafeteria Farm



Collaboration

BLS YouthCAN

The Boston Latin School Youth Climate Action Network (BLS YouthCAN) is a grade 7-12 environmental club. BLS is proud to be the home of three large-scale, student-led initiatives to green its campus and curriculum in ways aimed at impacting education and practices at schools across Massachusetts. BLS YouthCAN initiated sweeping changes to their school's operations, facilities, physical plant, and curriculum in order to make it more sustainable. The group partnered with a green architecture firm to design The Green Roof at Boston Latin School, which pairs interdisciplinary curriculum focused on sustainability with an energy model & efficiency measures.

Studio G Architects

Designers creating sustainable communities and buildings. Their vibrant, multi-disciplinary capacity draws upon a 20-year history. They serve public and private clients, tackling each client's agenda with a fresh and creative approach. Studio G Architects have licenses in multiple states, national certification, and LEED Accredited Professionals. The firm is a certified woman-owned business.

Specialization:

- design education
- designing functional and beautiful places for living, working, playing, and gathering
- sustainable, green buildings
- preserving historic structures, often adapting them to new uses
- urban commercial and neighborhood revitalization
- helping clients shape their vision, secure public approvals, and get their projects completed



Fenway Green Roof Enclave

Boston Latin School Youth CAN formed the Fenway Area Roof Student Coalition with colleges and high schools in the Fenway area seeking to green each institution and facilitate sustainability projects in the area. The vision is to create a district of green and sustainable roofs, buildings and landscape that demonstrate the institutions' commitment to sustainability and serve as a model for the rest of Boston.

