

# JOSH RATHBUN

289 Main St  
Boxford, MA 01921  
561.704.4248  
joshuarathbun@hotmail.com

Hello,

I'm Josh Rathbun. I've been a Boxford resident since 2011, when my wife Julia Mueller and I moved here from Cambridge, MA. At the time we were looking for an affordable, rural town close to Boston, and both loved Boxford the first time we visited (we drove through the center of town before realizing we had already passed it). My wife often trail-rides with her Halflinger horse. We hike and bike with our daughter and three dogs on many of the town's trails. I particularly enjoy watching the beavers at crooked pond at dusk.

I grew up in the small town of Pawling, NY, and spent days in the surrounding forests. Having grown up in the woods, I have a deep love of nature and appreciation for conserving our natural ecology. My father worked as a landscape architect on a large, privately-owned native American plant garden. I had summer jobs helping to design streams and waterfalls, planted only with native plants.

If selected to join the Boxford Conservation Commission, I hope to help preserve the natural beauty of our small town as set forth in the town's regulations. As current proposed projects such as those at 105 Depot Road show, a vigilant and pragmatic Commission is needed, and I hope to do my part.

Thank you,

A handwritten signature in black ink, appearing to read "Josh Rathbun", with a large, stylized initial "J" and a horizontal line extending to the right.

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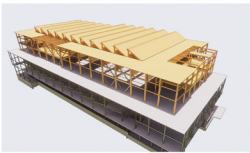
2001

LEED BD+C

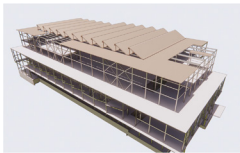
2011

2011-Present

Schematic Design - Metal/Concrete base  
with Wood Construction



Baseline - Traditional Metal/Concrete  
Construction



PORTLAND FORESIDE



MIT SITE 3



TAKEDA ONCOLOGY



PERSONAL RESIDENCE



Before

After

## EDUCATION

**Ithaca College**, Ithaca, NY  
Bachelor of Arts in History

**Boston Architectural College**, Boston, MA  
Master of Architecture

## EXPERIENCE

**Perkins + Will**  
Technical Coordinator/Designer

Boston, MA

**Northeastern University New Arena**  
Designer, Sustainability Coordinator

Boston, MA  
290,000gsf

**Portland Foreside Office Building**  
Designer, On-Site Project Manager

Portland, ME  
200,000sf

**MIT Kendall Square SoMa Redevelopment**  
Job Captain

*Lab/Office building*  
Created Schematic and  
Construction Documents

Cambridge, MA  
250,000sf

*Parking Garage*  
7 levels

Created Schematic and Design Development Documents

Cambridge, MA  
1,170 Parking Spaces

**Takeda Oncology Tenant Fit-Out**

*Lab/Office Building*  
Job Captain  
Created Schematic and Construction Documents  
Produced all LEED documents through CDs

Cambridge, MA  
280,000sf

## PREVIOUS PROFESSIONAL EXPERIENCE

**Nashawtuc Architects**,  
Designer/Drafter

Concord, MA

Worked as part of teams on a variety of residential schematic and construction documents

**Musician/Composer**

2008-Present

Boston, MA

**Business English Teacher**

2003-2004

Prague, Czech Republic

**Mid-Mountain Grill Chef**

2001-2002

Jackson Hole, WY

**Personal Residence**

2011-Present

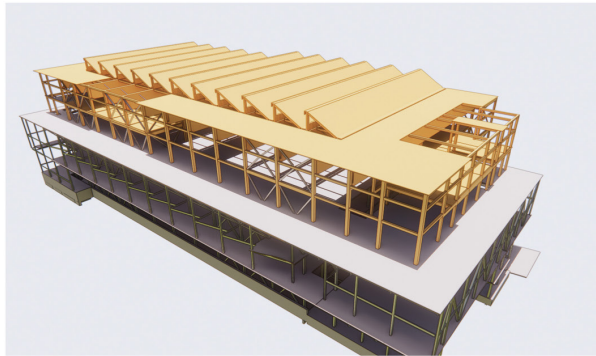
Boxford, MA

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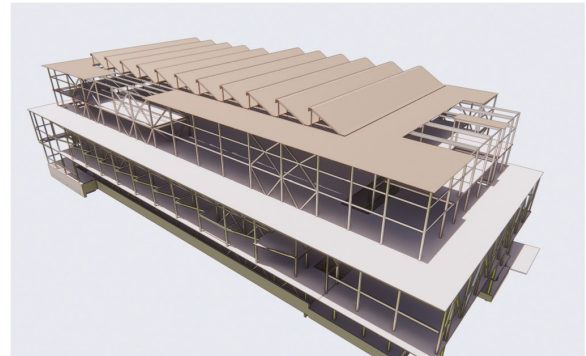
## Northeastern University - Embodied Carbon Comparison

### Schematic Design - Metal/Concrete base with Wood Construction



Wood + Steel Framing  
 Terra Cotta Exterior Walls  
 Mineral Wool and Cellulose Insulation  
 Polyiso insulation at Roof

### Baseline - Traditional Metal/Concrete Construction



Steel Framing  
 Brick Exterior Walls  
 XPS and Fiberglass Insulation  
 Polyiso insulation at Roof

### Global Warming Potential Global warming potential across full building life cycle, study period of 60 years

Northeastern University Baseline and Schematic Design Embodied Carbon Study <sup>2</sup>

#### Baseline

All Metal framing, 3" decking and concrete

**25,103,150**

kgCO<sub>2</sub>eq



Highest Global Warming Potential

#### Schematic Design

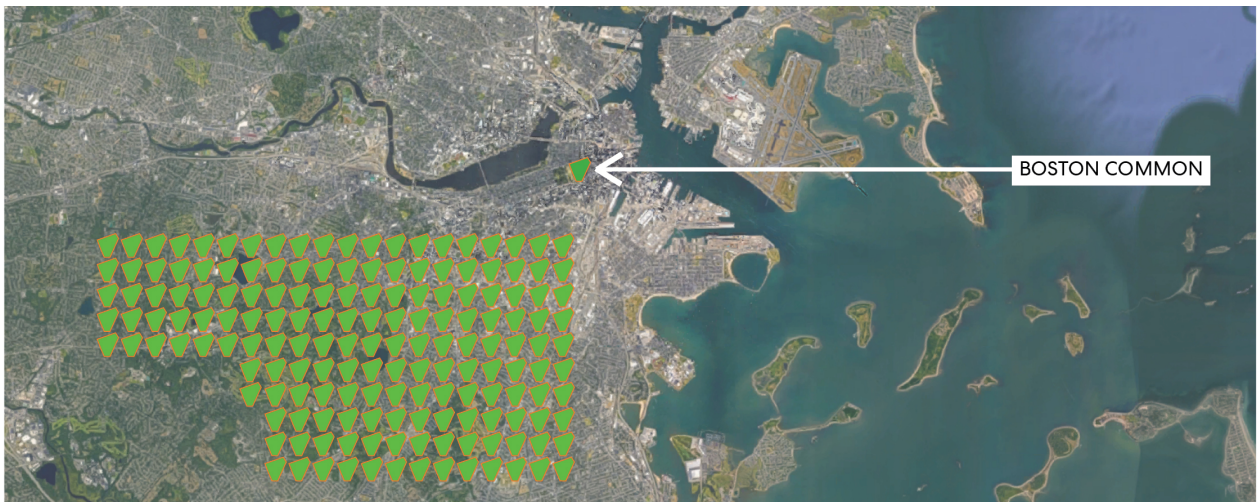
Schematic Design - Wood Framing, CLT decking at level 5 floor and roof

**18,107,071**

kgCO<sub>2</sub>eq



**27.8%**  
kg CO<sub>2</sub>eq Reduction



Compared to the baseline, the Schematic Design would save the amount of carbon sequestered by 167 Boston Commons of U.S. forest in one year.