Beyond Zero Series:
Decarbonizing Downtowns

Join Building Energy Exchange, NYSERDA and the Department of State for a Beyond Zero series program focused on projects that decarbonize town centers, helping to transform them into economic and environmental recovery engines. During this panel event, speakers will discuss how they are contributing to re-imagined, revitalized downtowns with carbon neutral projects.

Opening Remarks:
Kisha Santiago-Martinez, Deputy Secretary for Planning, Development and Community Infrastructure, New York State Department of State

Moderator:
Sarah Crowell, Director, Office of Planning, Development & Community Infrastructure, New York State Department of State

Speakers:
Juhee Lee-Hartford, Founding and Managing Principal, CEO, River Architects, PLLC
Kelley Culp-Burton, President, KCB Architecture
Claire Weisz, Founding Principal, WXY Studio

February 24, 2022 | 9 to 10:30 am | 1.5 AIA LUs
Building Energy Exchange | be-exchange.org
Juhee: Bridgemarket Project under Hugh Hardy 

James: Trained under James Gainfort, AIA
From Battery Park to Hudson Valley
Drug busts, economic downturn, severe climate events, persisting pandemic, social and political events bring a dire need into

**focus.**

Never let a good CRISIS pass you by.
Passive House Alliance – Hudson Valley (PHA-HV) is an affiliate of the Passive House Alliance – US, and is a volunteer-based organization devoted to the development of the Passive House Building standard in the Hudson Valley and greater Northeast region.
Winter Condition
5” POLYISO LAYER

OUTSIDE TEMP: -0.3 F
INSIDE TEMP: 68 F, 40% RH
INSIDE DEWPOINT: 42 F

FOUNDATION DETAIL
2ND FLOOR DETAIL
ROOF DETAIL
7th & State Hudson Depot Net Zero Multifamily Development
City of Hudson, NY
Town Hall at Town of Bethel, New York
Home of Woodstock Music and Arts Fair
Net Zero Town Hall at Town of Bethel, New York
Funded by NYSERDA's Carbon Neutral Community Economic Development & Clean Energy Communities Program
River Architects, PLLC
Engineers: Baukraft & Jay Wu
Town of Bethel
Existing Floor Plan
Town of Bethel
Proposed Floor Plan
Town of Bethel

Building Section Through Existing
Town of Bethel

Building Section Through Existing & Addition
STATE CAPITOL
Albany, NY

Pay to the
Order of
City of Hudson
Ten Million Dollars
For Rebuilding Downtown Hudson

2017
Date
$ 10,000,000.00

Governor Andrew M. Cuomo
River Architects to Consult 17 out of 19 Winning Cities of DRI Round 5 Program Towards Decarbonizing Their Key Projects
Seminary Hill Cidery at Callicoon, New York

World’s First Passive House Certified Spirit Production Facility

Funded by NYS CFA and NYSERDA Grants

River Architects, PLLC

Engineers: Staengl & Blue Sky Design

Rater: Integral Building and Design

Builder: Baxter

Photo: Brad Dickson
Thank you!

From all of us at River Architects and beyond

Presented By:

Juhee Lee-Hartford | AIA, NCARB, LEED AP, CPHC
River Architects, PLLC | Founding & Managing Principal, CEO

MWBE, DBE, & SBE Certified Business
Passive House | Net Zero | Living Buildings | LEED

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Introduction
Buildings
Case Study
## Introduction

### Who We Are

<table>
<thead>
<tr>
<th>Founded 1992</th>
<th>Grew to 50</th>
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<tbody>
<tr>
<td>Claire Weisz founded the firm in 1992 (WBE)</td>
<td>Grew from 10 employees in 2010 to 50 employees in 2022</td>
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<table>
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<tr>
<th>Mark in 1999</th>
<th>6</th>
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<tbody>
<tr>
<td>Mark Yoes joined her in 1999</td>
<td>Associate Principals</td>
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<th>Layng in 2006</th>
<th>2</th>
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<tr>
<td>Joined by partner Layng Pew in 2006</td>
<td>Directors</td>
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<tr>
<th>Adam in 2011</th>
<th>5</th>
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<tr>
<td>Joined by partner Adam Lubinsky in 2011</td>
<td>Associates</td>
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<th>200+ projects</th>
<th>9</th>
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<tbody>
<tr>
<td>with NYC city agencies</td>
<td>Senior Architects &amp; Planners</td>
</tr>
</tbody>
</table>
Introduction

Who We Are

Licensed Architects
Architectural Designers
Urban Planners
Urban Designers
Interior Designers
BIM Specialists
Technical Leads
Industrial Designers
Brand Specialists
In-house renderers
Furniture Designers
Graphic Designers
Product Designers
Policy Experts
Introduction

What We Do

plan engage design build
Components

Design & Planning

Construction Process and Choices

Operation & Maintenance
Battery Park Comfort Station
New York, NY
SeaGlass Carousel
New York, NY
Case Study

The Peninsula Mixed-Use Development
Bronx, NY
The Peninsula Mixed-Use Development

- Building envelope exceeding NYCECC 2016 Energy Recovery Unit
- Solar panel system size: 1B alone is 122.4kW, 340 panels
- Energy Recovery Unit
The Peninsula Mixed-Use Development

- All Electric Approach to Mixed use development
- Zero Waste for both Industrial Building and Residential Buildings
discuss.
send questions via Zoom Q+A

Moderator
Sarah Crowell, Director, Office of Planning, Development & Community Infrastructure, NYS DOS

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Kelley Culp-Burton, President, KCB Architecture
Claire Weisz, Founding Principal, WXY Studio
Kisha Santiago-Martinez, Deputy Secretary for Planning, Development and Community Infrastructure, NYS DOS
thank you.