



**JUSTIN DEN HERDER, PE**  
PRINCIPAL

**BIO**

Justin Den Herder is a Professional Engineer with 16 years of project-based, collaborative experience and knowledge. He has actively contributed on nearly 500 projects since joining Silman in 2007. His professional experience ranges from concept design through construction administration on new construction, renovation, and historic preservation projects.

Justin is the former Editor in Chief of SEAoNY *Cross Sections* magazine and has been published in *Modern Steel Construction* and the book *DIALOGUES – A Shelter for Architecture* published by the GIANY. In 2015 he traveled to Nepal for one month to assess earthquake damaged structures. He is passionate about art—poetry in particular—and in creating engaging, sustainable, and equitable architecture.

As a principal at Silman, Justin leads the firm’s efforts on Design Innovation, combining traditional engineering fundamentals with current computationally based tools and workflows with the goal of improving the ability to collaborate.

Justin is the recipient of the Fitch Foundation’s 2023 Robert Silman Award for his proposal 2x which seeks to repurpose wood framing from single family residences slated for demolition and repurpose them in the design of new structures using inventory-driven design and robotic fabrication.

**SKILLS**

Structural Analysis Software - SAP2000, ETABS, RISA3D, RAM SS  
Modeling Software - AutoCAD, Revit, Rhino, Shapr3D, SketchUp  
Materials - Structural Steel, Concrete (precast & cast-in-place), Wood (sawn lumber, heavy timber, mass timber), Masonry

**SELECT PROJECT EXPERIENCE**

[Empire Stores, Brooklyn NY](#) – Restoration, adaptive reuse, and vertical addition to an existing landmarked heavy timber and masonry waterfront structure.

[Domino Sugar Refinery, Brooklyn NY](#) – Shoring of 12 story landmarked brick masonry structure and design of a new 15 story steel framed structure within the historic masonry shell.

[Hunterspoint Community Library, Queens NY](#) – A new public library with architecturally exposed concrete exterior structure with shifting interior floor plates.

[VCU Institute of Contemporary Art, Richmond, VA](#) – A new contemporary art museum with cantilevering galleries.

[Ostrava Concert Hall, Ostrava, Czech Republic](#) – Long-spanning steel gridshell structure bridging over the existing landmarked concert hall building. CIP concrete acoustically isolated concert hall shell to house a 1300 performance space.

[Amherst Student Center, Amherst, MA](#) – Mass timber vertical addition to an existing CIP concrete structure.

[Berggruen Institute, Los Angeles, CA](#) – Long-spanning and cantilevering CIP Concrete Vierendeel structure on a ridgetop in a high seismic zone.

[NYPL Bryant Park Stephen A Schwarzman Building](#) – Design of new interior and exterior wall openings, a new circulation staircase, a new elevator, and visitor’s center within iconic library.

[NYPL Stavros Niarchos Foundation Library](#) – Major interior renovation and vertical addition to the highest circulating branch library with NYPL system.

**REGISTERED PROFESSIONAL ENGINEER**

New York State

**EDUCATION**

Manhattan College, BS, Civil Engineering

**TEACHING**

City College of NY, Spitzer School for Architecture, Adjunct Professor

NYIT, School of Architecture & Design, Adjunct Professor

Rensselaer Polytechnic Institute, School of Architecture, Lecturer

**DESIGN CRITIC & GUEST LECTURER**

Columbia University, GSAPP

The New School, Parsons School of Design

Manhattan College, School of Engineering

CCNY, Spitzer School of Architecture

NYIT, School of Architecture & Design

RPI, School of Architecture

**PROFESSIONAL AFFILIATIONS**

[SEAoNY](#), Editor in Chief

[Institute for Public Architecture](#)

[The Architectural League of NY](#)

[Cities4Forests](#)

[Brooklyn Bridge Forest](#)

[The Salvadori Center](#)

**PROFESSIONAL EXPERIENCE**

Silman, 2007 - Present