LENKA ILIC

ARCHITECTURAL WORKS PORTFOLIO

LENKA ILIC www.lenkailic.com

Education:		
2008-2010	Master of Architecture, University of Belgrade, Serbia	lenka@lenkailic.com
2005-2008	Bachelor of Architecture, University of Belgrade, Serbia	+1 305 343 8140
Credentials: NYS F	Registered Architect, License Number: 045943	
Work Experience	- Selected Projects	
Principal Lenka Ilic Studio		January 2024 - Current
Quality Assurance	e Inspector	January 2023 - December 2023
Robert Siegel Arch	nitects, NYC for OBO (US State Department, Overseas Building Operati	ons)
Project: US Project: US Involvement	Embassy in Prague (Czech Republic), roof repair, 7 000 SF Embassy in Sarajevo (BiH), roof replacement, 40 000 SF t: CA phase	
Senior Project Ma	anager	March 2019 - June 2022
W Architecture and	d Landscape Architecture, NYC	
Project: Inne Involvement * Ref. portfo	er Harbor Water Taxi Terminal, USS Constellation Museum in Baltimore t: CA phase blio for project details	, MD, 5 000 SF
Project Architect		January 2018 - November 2018
Resolution: 4 Archi	itecture, NYC	
Project: We Involvement * Ref. portfo	st Stockbridge Residence in Massachusetts, new single-family; one-sto t: DD, CD, and CA phase, including obtaining State Permit blio for project details	ry residence, 4 000 SF
Intermediate Architect June 2015 - May 2016 Paul Castrucci Architect, NYC June 2015 - May 2016		
Project: 308-310 Canal Street, Manhattan, alteration and conversion of two exist. buildings, and vertical addition 2500 SF Involvement: SD, DD and CD phase, including obtaining permits with the DOB and LP * Ref. portfolio for project details		
Project: Conversion of an old factory into an artist's living and working space, in Yonkers, NY, 30 000 SF Involvement: DD and CD phase		

* Ref. portfolio for project details

Junior Architect

April 2012 - December 2013

Thirlwall Building Design, Miami

Project: Casa, Veracruz, Mexico, new two-story residential, area: 15 000 SF (22 000 SF incl. exterior) Involvement: SD, DD, CD and CA phase

Junior Architect

ARCVS, Belgrade

July 2007 - September 2011

Projects: Residence Pariska and Kacanski, both in Belgrade; various design competitions Involvement: designing architectural concepts under the supervision of senior architects, developing drawing sets

Professional references:

Barbara Wilks, FASCA, FAIA, Founding Principal at W Architecture and Landscape Architecture; email: bwilks@w-architecture.com Robert Luntz, AIA, Principal at RE4A; email: rluntz@re4a.com

Grayson Jordan, AIA, zoning specialist at Paul Castrucci Architect; email: grayson@castrucciarchitect.com

Project: USS Constellation Museum, Inner Harbor Water Taxi Terminal

Scope: new museum; area: 5 000 SF Location: Baltimore, MD Year: 2019-2022 Involvement: CA phase



USS Constellation, Inner Harbor Water Taxi Terminal is a museum that flanks the 1850s war-ship in the harbor of Baltimore. The owner is DOT (Department of Transportation). The museum building is on the existing pier, which rests on piles. Two gangways connect to the ship. Main interior spaces include an exhibition space area, lounge area, office space, mechanical rooms, and public restrooms. Two stairs and an elevator serve as connectors to the roof top, which is accessible to the public. Visually, the facade is clean, and consists of glass store front panels and wood siding. As a general note on design aesthetics - connections and material transitions are designed in a minimalist manner throughout. Building system is steel framing, roof is pre- cast concrete planks. On the energy level, the project is a carbon - free building, and exceeds code requirements in the state of Maryland. Tidal movements are taken into consideration.

This is both a state and federally funded project. The project was designed and approved by the DOB in 2014 by W Architecture and Landscape Architecture team. I was hired in 2019 to manage the CA phase. I obtained the renewal of the building permit, issuance of the demolition permit for existing building, reviewed the CPM schedule, and issued the bulleting to consolidate the set for construction, as part of preparation for construction. During the construction I was reviewing RFIs, submittals, PCOs, attended monthly progress meetings held by the owner / construction manager (DOT), visited site periodically to note the progress, and coordinated MEP (Altieri), Civil (RKK) and Structural (Silman) on design questions. As part of the project closing, I conducted the substantial completion inspection, and reviewed and edited punch list. The owner is moved in now.







Roof assembly consists of structural deck which is precast concrete planks that are supported by tapered beams, 5/8" gypsum roofing board, waterproof roofing membrane, tapered rigid insulation, and filter fabric on top. Portion of the roof that is wood decking, has pedestals resting on the roof which hold wood planks. Portions of the roof are green, which is soil planted with grass, and the growing medium is held within metal edge profiles. Green roof assembly differs slightly, as capillary mat is installed below filter fabric. The roof perimeter has a continuous parapet all around constructed of CMU block, capped with metal coping, flashing and counter flashing, all sloped 10%. The areas between parapet and green roof areas are infilled with gravel. The roof is penetrated by stair bulkheads, and connection details are designed as on the details included. The roof is open to the public. The steel cable railing is provided all around, and installed as per the details shown.

Project: West Stockbridge Residence

Scope: new single-family, one-story residence; area: 4 000 SF Location: West Stockbridge, MA Year: 2018 Involvement: DD, CD, and CA phase, including obtaining State Permit



W. Stockbridge sits on 18-acre land, overlooking the val-ley, South oriented. Surrounded within nature, the house remains within the privacy from neighbors and road. It is a 3-bedroom, 3 bathroom residence, including a living area, kitchen, dining area, media room, library, courtyard, and screened porch. Large openings, many of them floor to ceiling, allow a connection with the immediate outdoor. Budget of two million dollars (cost-plus). Basement is unconditioned. The building is sprinkled on both lev-els. The project embedded some aspects of sustainable design approach, like geothermal system for cooling and heating. I was involved with the design from the beginning of the project thru the final completion. I obtained a building permit once I had DD set compiled, as I was issuing bidding set to bidders. I reviewed the bids, answered bidders' questions in form of addenda and together with the owner decided on a GC for the project. It was a design bid build delivery method we used.

I coordinated engineer consultants, and oversaw CA phase, including reviewing applications for payments that the GC was submitting to me. I was involved with the design from the beginning of the project thru the final completion. I obtained a building permit once I had DD set compiled, as I was issuing bidding set to bidders. I reviewed the bids, answered bidders' questions in form of addenda and together with the owner decided on a GC for the project. It was a design bid build delivery method we used. I coordinated engineer consultants, and oversaw CA phase, including reviewing applications for payments that the GC was submitting to me. Exterior facade is cement board on pressure treated wood studs, fastened over zip wall. The project required ResCheck to be completed, as well as HERS ratings in compliance with the Stretch Code MASS Adendum to ICC. The consultants used the BIM model for coordination of services. The house consists of wood system, open web joists for floor and roof assemblies, and LVLs for vertical posts.





The project consists of eight modules, that were prefabricated in a factory and assembled on the site. Screened porch module was constructed on the site, as well as the foundation walls. MEP components were preset within the modules in a factory and the connections were made on the site. The roof system is open web roof trusses, cladded at the interior with painted gypsum board, closed cell spray foam insulation was installed to be aligned with the bottom of the trusses, and fiberglass batt insulation on top of it. The top chord of wood trusses are covered by plywood sheathing. GC installed fully adhered 60 mil EPDM roof membrane over tapered rigid foam insulation sloped towards internal roof drains on site. Parapet was constructed all around and finished with metal coping flashing. Overflow scuppers were installed as calculated. Skylights penetrate the roof as shown on the roof plan, and the connections are designed as shown on the roof details included.

Project: 308-310 Canal Street

Scope: alteration and conversion of two existing historical buildings; and vertical addition Location: Manhattan, NYC Year: 2015-2016 Involvement: SD, DD, and CD phase, including obtaining permits with DOB and LPC



This project funded by a developer required conversion of the two historical buildings located in East Tribeca landmarks district, both built in 1896. New vertical communications were designed to connect the existing floors of both buildings into a coherent whole. Elements that influenced defining addition design: existing cornice heights, exist. window pattern, new elevator/stair shaft and proposed mesh envelope. Roof mesh proposed to be carbon fiber rods as shading device for the accessible roof, resting on the elevator and stair shafts. Visibility of the addition was the major factor in design decision making. The two contextual sections above show areas of addition facades visible from street level. Set back was set at 15' on Canal Street and 10' on Lispenard Street. The ground fioor is planned as the lobby for residential floors (2nd-4th) and as a retail space. Diagrams below show some segments of zoning and building analyses for this project. Test pits and wall probes were performed in order to determine existing conditions. Original footings are stone slabs. Proposed design was compliant with zero house design, in terms of energy analysis. Unfortunately, as of now, the concept hasn't been built yet. Other part of work was to design an addition space. The addition was initially meant to be comprised of two levels, but after consulting with LPC, we adjusted the volume to one level.

Since the two existing buildings were built prior to 1968, we were allowed to file the permit application per 1986 code. The decision was contrived in conjunction with the discussion on the replacement of the existing wood joists. 1986 code, 28-101.4.5 limits propose renovation and enlargement up to 110% of the existing fioor area, which worked beneficially in this case. In terms of materiality, new addition was proposed to be brick to match existing brick. Design intent was to build new addition that would be a continuation of existing buildings in visual sense, therefore new windows were designed to follow the existing windows pattern.



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Proposed 6th Floor Egress Diagram Plan



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Proposed Typical Plan



Zoning diagram and calculations



Project: David Hammons Studio

Scope: Conversion of an old factory into an artist's living and working space Location: Yonkers, NY Year: 2015-2016 Involvement: DD, and CD phase, including obtaining permits with DOB



This renovation in Yonkers, New York is the conversion of an old turn-of-the-century industrial factory space into a future workspace, gallery, and living space of an artist couple. The conceptual approach began with the existing structure as a layered place with its own historical narrative that can be a potential resource and inspiration in the production and viewing of art. The aim of the project quickly came into clear focus: How do we maintain, and even amplify, the spatial and textural qualities of the existing structure, while at the same time, upgrading the space for use as a world-class gallery and art space? The architectural intervention is therefore premised on making careful insertions and incisions into the existing structure to serve the new uses that the program requires. The design allows daylight to dramatically illuminate the space and increase the efficiency of the building. The project also aims to bring Passive House design standards to a large scale existing warehouse structure while supplementing with state of the art ventilation and Hvac systems.



Proposed 3D Diagram

Existing 3D Diagram







Sawtooth Skylighjts During Construction

Proposed Entry

Solar Panels and Sawtooth Skylights at Roof



Building Section

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