Co-Craft
Design Workshop

Collaboratively Crafted Design Solutions

3102 Fisher Rd
Lansdale, PA 19446

www.Co-CraftDesignWorkshop.com

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Who We Are

Co-Craft Design Workshop, LLC

Co-Craft Design Workshop was founded in the Spring of 2023 as a multi-disciplinary design and fabrication company specializing in Architectural Design, Building Systems Design, and Architectural Metal Fabrication. Our goal is to create thoughtfully designed, carefully engineered, and beautifully crafted projects that are timeless, functional, resilient, and enduring. We believe in a collaborative design process, working directly with project owners, architects, designers or contractors.

Mike Cronomiz, Owner
RA | LEEP AP | CPHD | ACCA

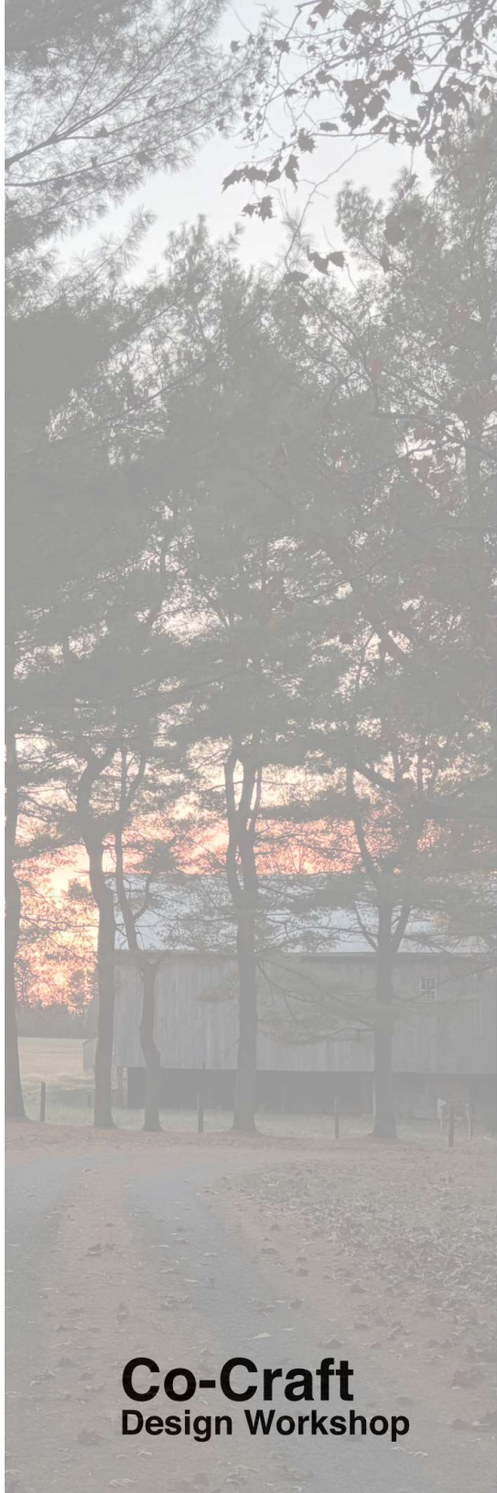
Growing up in Pennsylvania farm country, Mike developed an early appreciation for climate-appropriate and site-sensitive architecture. Mike has refined this experiential understanding of green buildings through technical research in order to arrive at architectural solutions that link the best ideas of the past with the most promising ideas for tomorrow. Mike is a Registered Architect, a Passive House International Certified Designer, a graduate of Philadelphia University's School of Architecture, an adjunct professor in building systems with a focus on thermodynamic physics and dynamic systems, and holds an ACCA certificate in HVAC design.

Experience:

Co-Craft Design Workshop,	Owner 2023 - Current
Re:Vision Architecture,	Architect: 2003 - 2024
Philadelphia University,	Adjunct Professor 2008-2016
Philadelphia University,	Materials R&D: 2002 - 2003
Architectural Solution, Inc.	Designer 2000 - 2003

Education:

Philadelphia University,	Bachelors of Architecture



What We Do

Co-Craft Design Workshop provides unique design solutions through a variety of services tailored to suit your needs. If you have questions or need for a hybrid service, please feel free to contact us and start the discussion - lets make something together.

Architecture

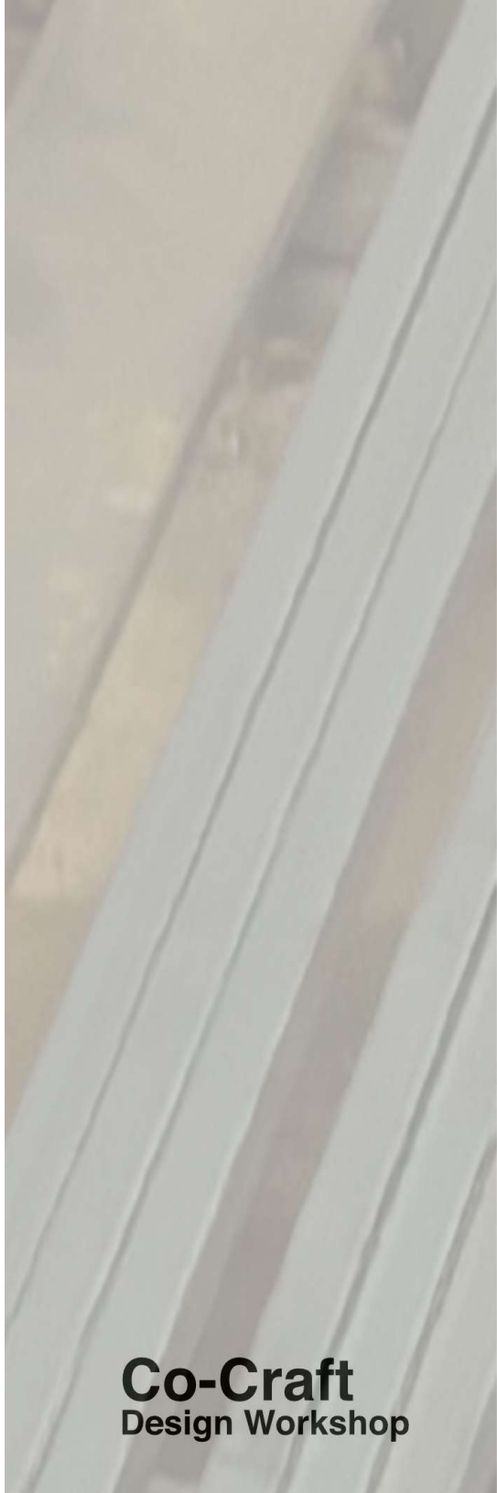
- Full Service Architecture
- Residential + Commercial
- New Construction
- Renovations / Alterations
- Tenant Interiors
- Master Planning
- Adaptive Reuse
- Historic Preservation
- Existing Conditions Assessments
- Site + Location Assessments
- Zoning & Permit Support
- Thermal Envelope Technical Review
- Construction Documentation Support
- Passive Solar Design
- Specialty Micro Projects

Building Systems

- Systems Design Consulting
- Architectural Integration
- Air based Systems
- Ventilation Systems
- Hydronic Heating Systems
- Geothermal Systems
- Earth Tube Cooling Systems
- Solar Thermal Hot Water
- Rain Water Harvesting
- Photovoltaic Coordination
- ACCA Manual J Equipment Load Reports
- ACCA Manual D Duct Design
- ACCA Manual S Equipment Selection
- Existing Systems Assessments

Architectural Metal Fabrication

- Custom Steel Fabrication
- Railings / Guards
- Stairs
- Fireplace Openings
- Custom Furniture



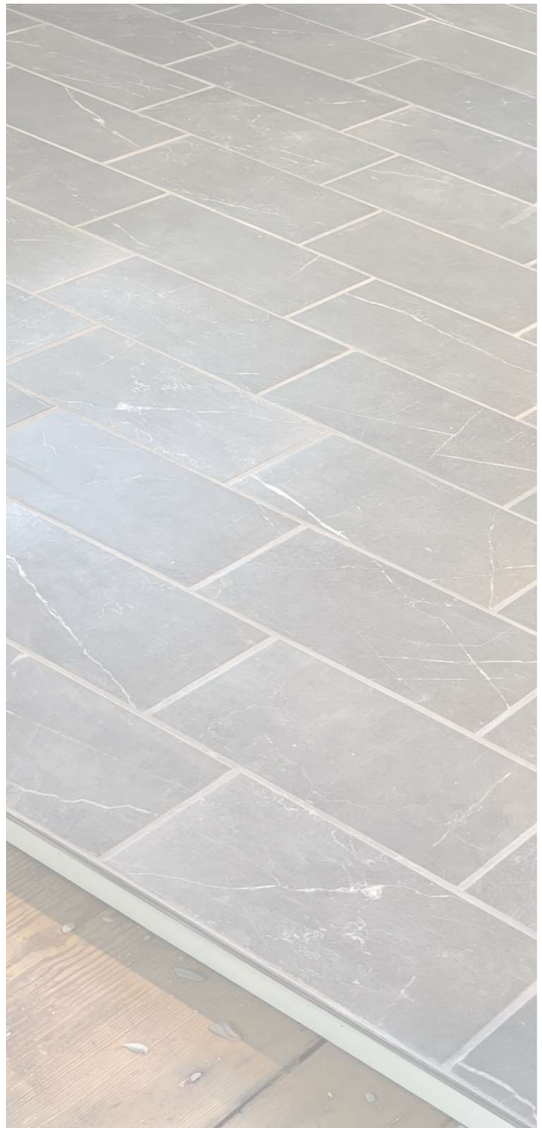
Our Work

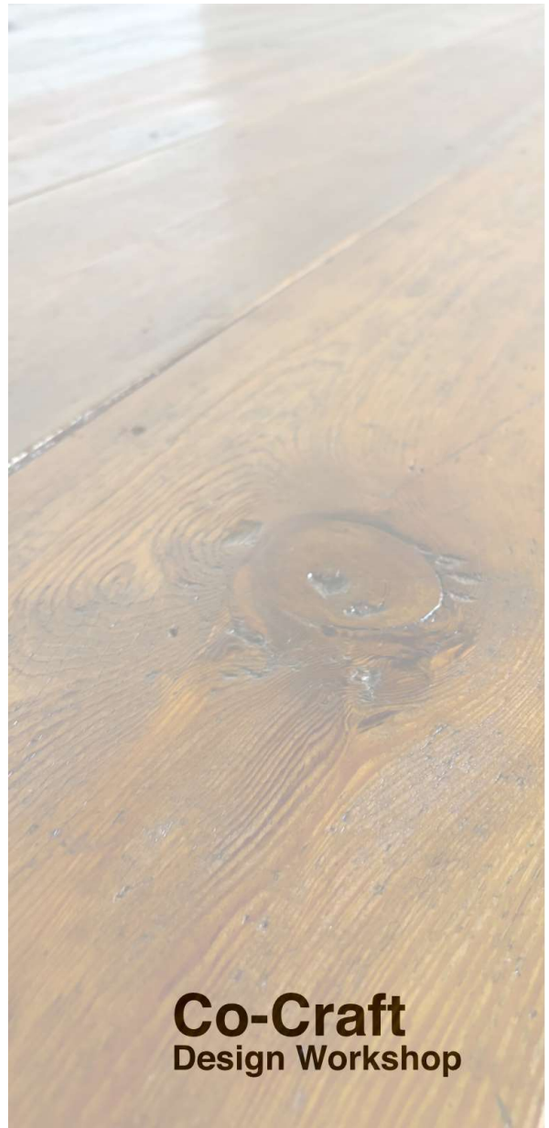
Craft: Skill in planning, making or executing. Dexterity.

Co-Craft is a form of direct action or direct manifestation of participatory making - 'thinking through craft'

Our work is rooted in a deep respect for craft and a culture of making, whether working on the smallest fabrication projects, a full service Architecture project, or designing the building systems that support them. We strive to work with the timeless beauty of natural materials and finishes, to produce projects delivered through contemporary utilitarian and sustainable techniques of construction appropriate for the project at hand. We believe our collaborative process and hands-on integration of problem definition, visioning, design, and making, results in the highest quality outcome for your project.

Architecture





Sky View Suite

Originally constructed in 1914, this Philadelphia row house had several layers of interior renovations which led to an eclectic mix of inefficient spaces. The unifying idea for this primary suite renovation, consisting of a bedroom, an office, and a bathroom; was to remove those layers and emphasize the original structure with minimal new intervention.

The plaster ceilings were removed to expose the roof framing providing ceiling heights up to 14 feet. Five Skylights were introduced to provide daylight and natural ventilation as well as create a connection to the sky. The minimalist material palette of the new work allows the raw finish of the existing wood floors, framing, and roof decking to define the character of the space.

Project Details
Completed 2019
Residential, Renovation
Building Systems Design

Project Location
East Falls - Philadelphia, PA

Collaborators
Co-Craft Design Workshop

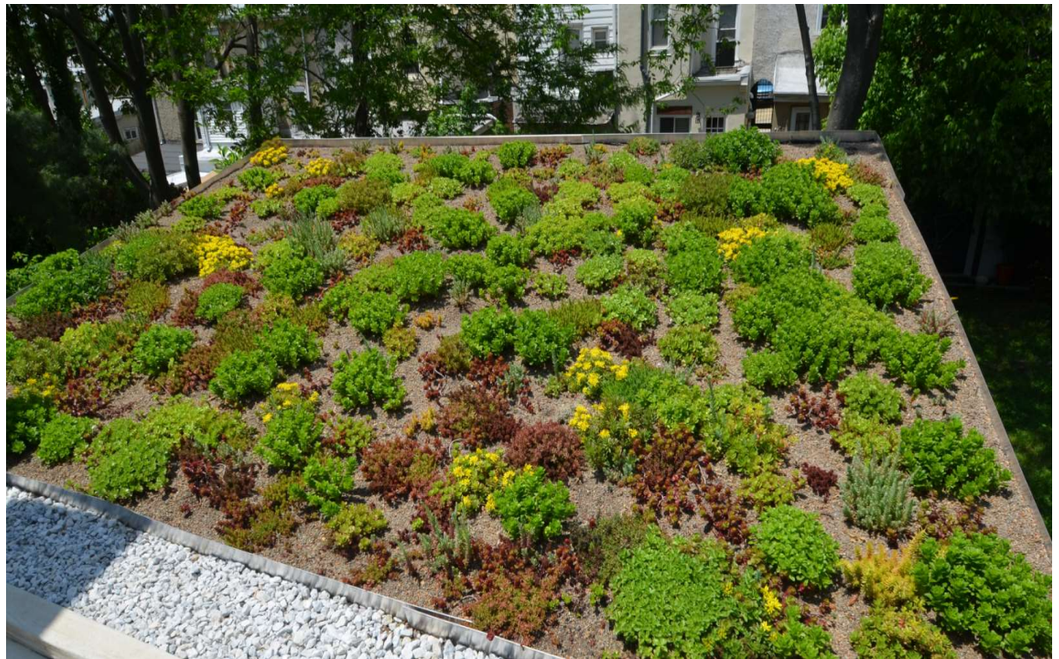
Garden View Addition

The typical Philadelphia row home is long and narrow, with daylight entering from the front and back of the home through limited openings. The objective for this project was to increase natural light and natural ventilation at the rear of the home while taking advantage of the view to the garden. Our design achieves this with a gently sloping, wood clad ceiling that overhangs an 11x11 ft operable glass wall facing the garden. Two punched openings bring additional light in from either side to reduce glare. A polished and densified concrete radiant floor provides thermal comfort and a visual compliment to the warmth of the cedar cladding inside and out. The vegetated roof enhances storm water quality while providing an elevated garden feature viewed from the floors above.

Project Details
Completed 2019
Residential, Alteration
Building Systems Design

Project Location
East Falls - Philadelphia, PA

Collaborators
Co-Craft Design Workshop



The Loft

We were initially engaged by this client to assist them in finding a suitable loft space to renovate as they were planning to move back to Philadelphia from Hawaii. The scope of work included a complete overhaul of the condo interior, including the thermal envelope and mechanical systems. New skylights were added to bring in additional daylight and natural ventilation to balance that of the existing north facade. The clean lines of the architecture and minimalist material palette are punctuated with accents of brick texture and reclaimed wood floors, allowing it to recede and become a backdrop for the clients extensive art and book collection.

Project Details
Completed 2019
Residential, Alteration
Building Systems Design

Project Location
Old City - Philadelphia, PA

Collaborators
Mike Cronomiz with Re:Vision Architecture
Daedalus Design Build
Larsen & Landis


GULICK TAXI

Sauna Suite

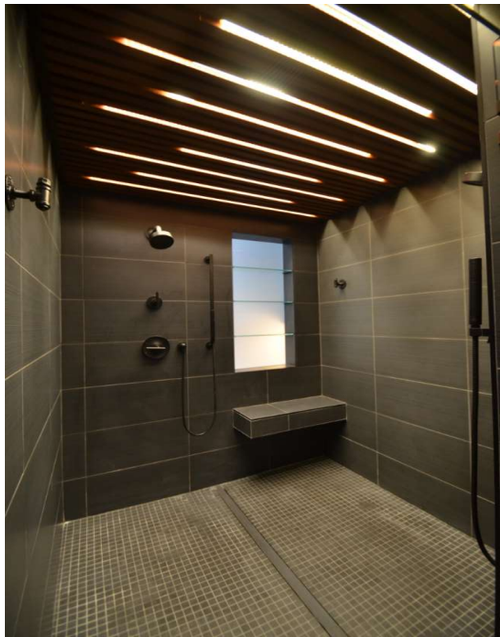
This sauna suite was part of a vertical expansion to an existing row home in South Philadelphia. Due to zoning requirements, the third floor had originally been set back from the street 10 ft, creating an awkwardly small third floor bedroom. Working with the neighborhood association and the city of Philadelphia Zoning Board of Adjustment, we received a variance to expand the third floor to the front street line.

With the full floor plate available, we were able to provide a functional primary bedroom suite with walk in sauna. The wood slat ceiling made from teak features integrated LED lighting and allows moisture

Project Details
Completed 2019
Residential, Alteration
Building Systems Design

Project Location
Kimball St - Philadelphia, PA

Collaborators
Mike Cronomiz with Re:Vision Architecture
Daedalus Design Build
Larsen & Landis



The Shed

Located at the edge of the Musconetcong River in Asbury, NJ; this former storage shed was part of the Asbury Carbon mill complex. In the mid 2000's it was donated to the Musconetcong Watershed Association who tasked us with converting it into their headquarters for their watershed restoration operations.

Due to it's location adjacent to the river and some challenging geology, this project features a composting toilet system, open well geothermal heating and cooling system. Our design emphasizes the symmetry of the existing structure with the new fenestration, and features a simple material palette of historically appropriate lime render and locally sourced red oak. A photovolatic array located above the trellis shades the south facing glass and deck, creating a sheltered space with views over the native landscape installation, watershed and river.

Project Details
Completed 2009
Commercial, Adaptive Reuse
LEED Platinum

Project Location
Asbury, NJ

Collaborators
Mike Cronomiz with Re:Vision Architecture
M&E Engineers
Ann Rothmann Structural Engineering
Engineering & Land Planning Associates

Metamorphosis

This project started as a partially demolished ranch style home attached to an en suite where the client's family was currently living. The cosmetic issues were compounded by water infiltration in the basement due to the site location at the base of hill. Careful measures to remediate the water issues were undertaken, and the basement was then thermally separated from the rest of the home.

New work included a vertical expansion to add a second floor, exterior insulation and finishes with Passive House detailing, and new building systems throughout. Building fenestration was altered to increase daylight and enhance views / access to the wooded areas surrounding the home. The interior material palette is subtle, with select defining features such as large format porcelain tiles, white oak flooring, and glass guard rails.

Project Details
Completed 2019
Residential, Alteration
Building Systems Design

Project Location
Newtown, PA

Collaborators
Mike Cronomiz with Re:Vision Architecture
Larson & Landis
Okinpivot
Vastardis Consulting Engineers

*** Existing Conditions**

The Farmstead

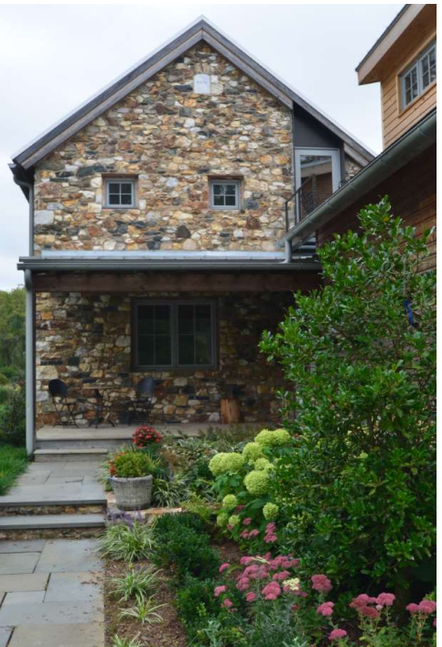
This newly constructed home sits on 16 acres of farmland at the bottom of a sprawling hillside in Chester County. Originally completed in 2008, the home features a passive solar design with narrow floor plates reminiscent of tradition farmhouses in the area. In 2010 we were asked to design an en suite addition above the garage with a steel platform widows walk where the owner enjoys the view of the adjacent countryside.

The building massing is broken into several smaller volumes, grouped along a central axis to reduce the scale of the structure. The exterior is clad with locally sourced cypress siding and reclaimed stone from a local barn deconstruction. The building systems include geothermal heating and cooling, building mounted solar array, concrete radiant floors.

Project Details
Completed 2010
Residential, New construction
Building Systems Design

Project Location
West Chester, PA

Collaborators
Mike Cronomiz with Re:Vision Architecture
Boss Enterprises
Daedalus Design Build
FX Browne
Ann Rothmann Structural Engineering
Bill Curran Design



Urban Retail: UxB

This hybrid retail / coffee shop / cafe environment was the result when we were asked to create the architectural brand for the United by Blue headquarters in the Old City neighborhood of Philadelphia.

The design creates the atmosphere of a wilderness retreat within the tenant interior through the use of salvaged wood ceilings, walls, and floors; which stand in stark contrast to the existing concrete and glass of the base building construction.

The space was designed to accommodate a variety of programs beyond the retail experience, including training workshops, arts & craft events, and live music.

Project Details
Completed 2018
Retail, Tenant Interior
LEED Platinum

Project Location
Old City, Philadelphia, PA

Collaborators
Mike Cronomiz with Re:Vision Architecture
Osborne Construction
Chestnut Engineering

Tadpole Pond

This renovation project expands on the existing building footprint which was preserved to grandfather in a non-conforming zoning condition. The existing structure was raised to grade, and a new energy efficient home was constructed from this base. The second floor is suspended from a warren truss in the roof line to preserve a column-free first floor plan for the kitchen, dining, living and sitting areas. A two story addition encloses the vertical circulation and functions as the transition to the single story primary suite and indoor pool areas. The design features a central circulation hub to create a threshold from public to private areas, defined by large glazed openings that take advantage of the generous views over the man made pond to the landscape beyond.

Project Details
Completed 2014
Residential, Addition / Alteration
Building Systems Design

Project Location
Wayne, PA

Collaborators
Mike Cronomiz with Re:Vision Architecture
Boss Enterprises
FX Browne
Think Green

The Mill

This historic mill built in the 1860 sits at a prominent location at the edge of the Musconetcong River in Asbury, NJ. As a historic landmark on the National Register of Historic Places, this site is significant to the cultural heritage of the region.

Our work on this project has spanned decades, starting with a weatherization and stabilization phase to prevent further degradation of the structure. Future plans for the mill include museum space for cultural artifacts of both the grist mill and the Native American population that existed in the area prior to European settlement.

In addition to our Architectural work, we played a significant grant support role at both the state and federal levels that resulted in over $1 million in public financing for the project.

Project Details
Completed 2018
Historic Preservation
Master Planning
Adaptive Reuse
Grant Support

Project Location
Asbury, NJ

Collaborators
Mike Cronomiz with Re:Vision Architecture
Windward Consulting
Chestnut Engineering
Keast & Hood
Engineering & Land Planning Associates

The Homestead

Stewardship of the land is important.

This farm property dating back to1744, has been permanently preserved in a conservation easement with the Greater Worcester Land Trust as part of their initiative to promote the protection, stewardship, and appreciation of open space, and to enhance the quality of life and functioning of natural systems.

Our mission with this project is to develop and implement a master plan aligned with the goals of the land trust, exploring methods of regenerative agricultural practices and net zero energy and net zero water systems.

With the proper stewardship, this property will continue to be resilient and thrive for the next 280 years; and we are grateful to be part of that mission.

Project Details
Master Planning

Project Location
Lansdale, PA

Collaborators
Co-Craft Design Workshop

Building Systems Design

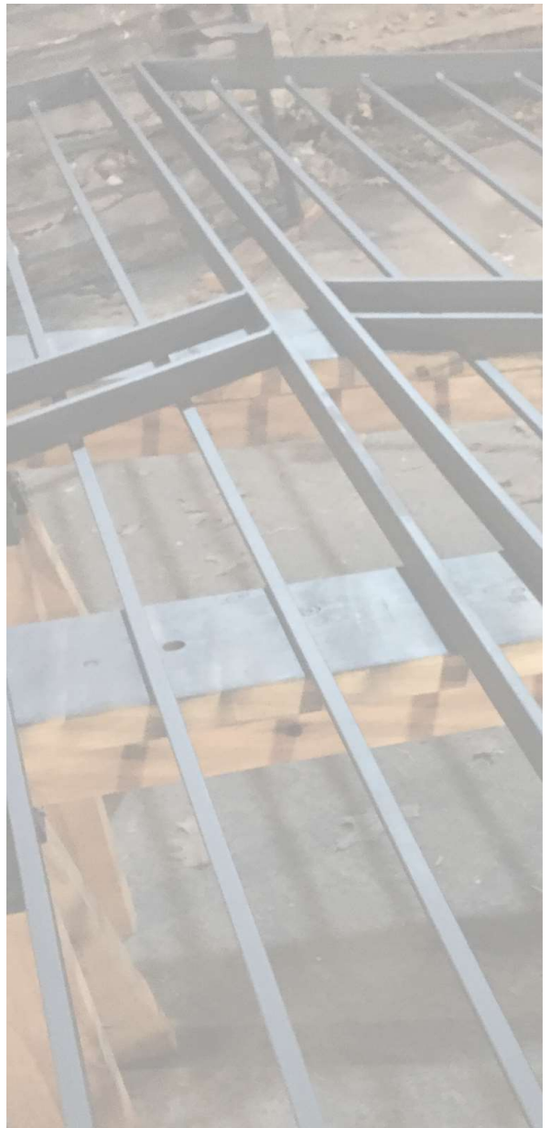
Our approach to building systems design focus's on creating healthy indoor environments that are thermally comfortable, energy efficient, hygienic, durable, resilient, and seamlessly integrated into the architecture of your project. We believe that the active mechanical systems should be supplemental to the passive systems inherent to the Architecture, and require the minimal energy demand possible. We achieve this by examining the best climate appropriate solutions for insulating the thermal envelope, establishing air tightness values for water and vapor management, and reducing thermal bridging to minimize the demand for energy in your building while maximizing it's durability.

Our Heating & Cooling System designs are properly sized using the ACCA Manual J standard. Prior to recommending system types, specific consideration is given to building type, geometry, regional climate and available technology, as well as occupant preferences for operation.

Our Ventilation Systems are designed to meet ASHRAE 62.2 standards and deliver fresh air to your project in a controlled manner while removing the exhaust air from locations where undesirable/stale air is generated. Depending on your project climate we can recommend Energy or Heat recovery (ERV / HRV) systems as appropriate.

Aesthetics matter. Building systems can be featured or completely hidden as part of the architectural integration for your project - the important thing is that they are designed with aesthetics in mind and not simply added as an afterthought.

Architectural Metal Fabrication



Exterior Railings

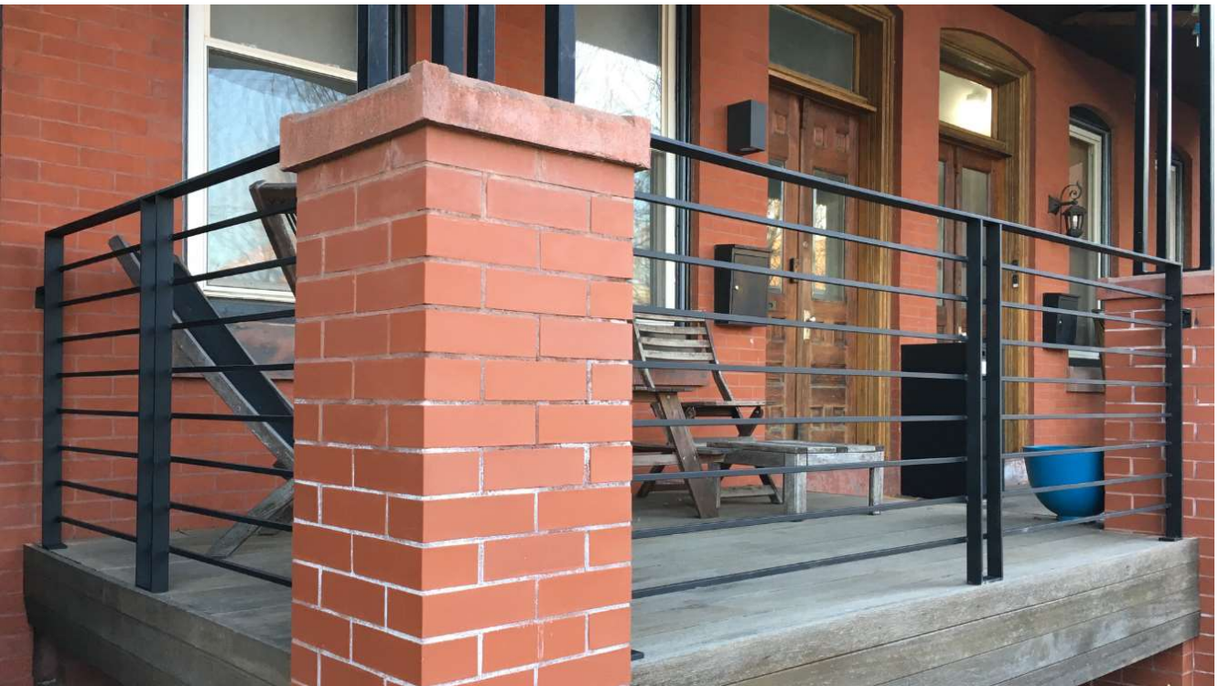
Front porches are an iconic element to the Philadelphia rowhome building typology, and the Owner of these twin homes in West Philadelphia wanted a design that would complete the look of their newly renovated project while remaining visually discreet.

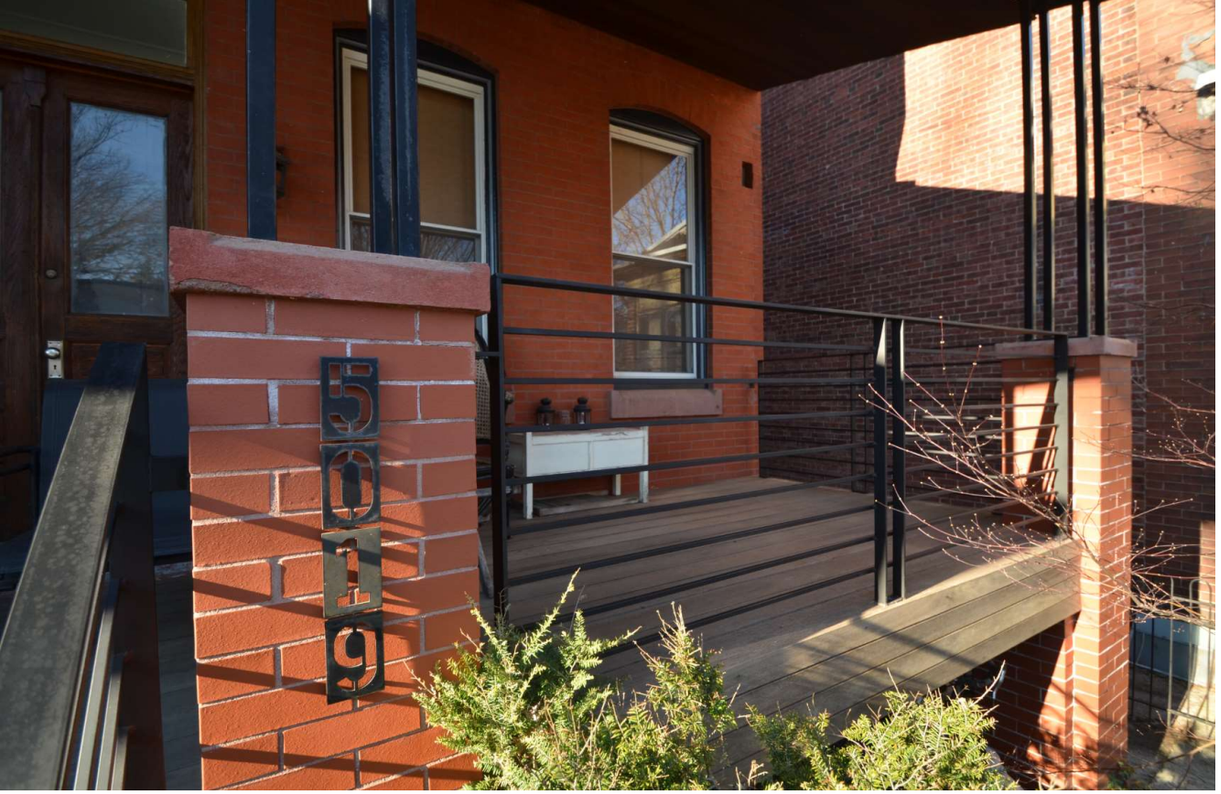
Our railing design features a double vertical baluster to interplay with the vertical geometry of the existing steel columns, while the rest of the rail emphasis the horizontal patterns of the brick and wood decking. Care was taken to align the points of attachment with the grout lines of the existing brick coursing.

Project Details
Completed 2023

Project Location
Florence Street, Philadelphia, PA

Collaborators
Co-Craft Design Workshop

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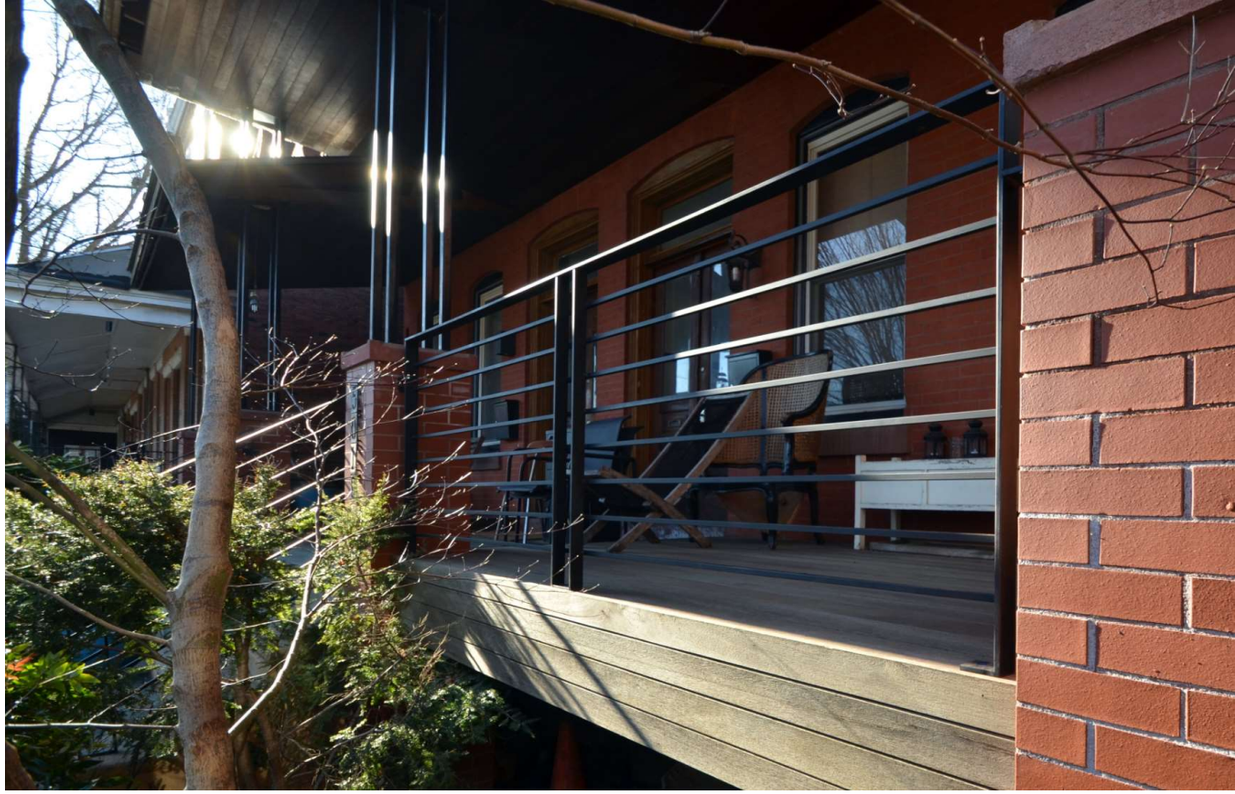
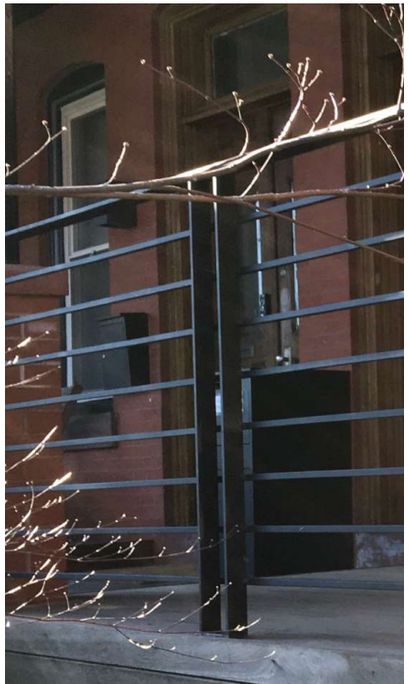




Garden Fence

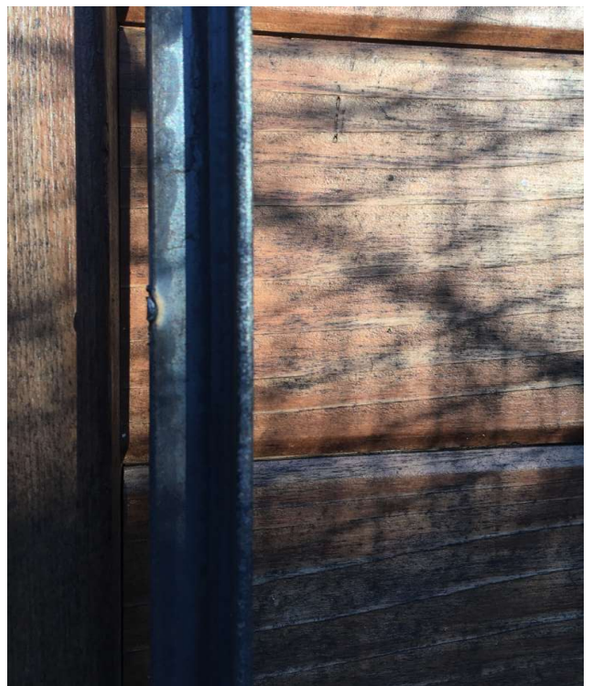
As part of a rear yard landscape installation in the East Falls neighborhood of Philadelphia, we were asked to design a garden fence that could provide a physical barrier while remaining visually open to maintain the landscape continuity between several adjacent properties.

Our design features a 42 foot long steel frame spanning between concrete footings located at each vertical post. A 6x6 wire mesh was used to infill the vertical panels, which is overlaid with a 1x1 wire mesh at the bottom course to contain the concrete rubble salvaged from the demolition of the previous concrete patio.

Project Details
Completed 2019

Project Location
East Falls - Philadelphia, PA

Collaborators
Co-Craft Design Workshop



Fireplace Insert

As part of an extensive home renovation project, the Owner wanted to re-open the existing masonry fireplaces; however the existing stonework did not suite the aesthetic of the proposed interior. Our design features a board formed concrete finish to encase the existing stone with a new steel fireplace insert at the firebox opening. The coarseness of the concrete and the raw finish of the salvaged steel are juxtaposed with the smooth, clean finishes of the adjacent walls and floor.

Project Details
Completed 2019

Project Location
Newtown, PA

Collaborators
Co-Craft Design Workshop
Re:Vision Architecture
Okinpivot (Concrete)

Fireplace Surround

During an interior renovation project, the Owner of this town home in the Rittenhouse neighborhood fell in love with the look of the exposed brick firebox after removing the existing wood fireplace surround.

Our design creates a clean transition for the challenging geometry of the rough exposed brick to the existing steel firebox insert. Ten countersunk brass screws pick up the warm tone of the brick and highlight the detailing of the fasteners.

Project Details
Completed in 2020

Project Location
Spruce Street, Philadelphia, PA

Collaborators
Co-Craft Design Workshop

Exterior Stair

***In The Shop**

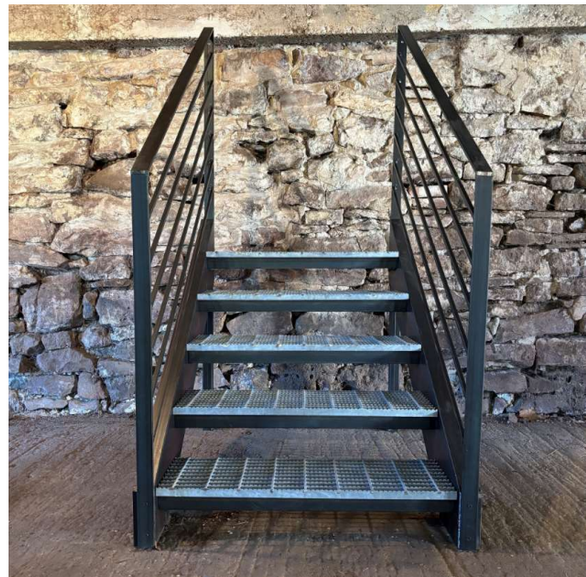
This exterior stair is destined for the Fishtown neighborhood of Philadelphia where the Owner would like to replace an existing wood stair at the rear of their row home. Detailing for the stair references other steel work in the vicinity and integrates well with other existing steel fabrications at the property. Serrated bar grate treads allow for a design that prevents the build-up of water and debris while maintaining a functional walking surface.

Additional design considerations included delivery and installation of the stair. Our design is fabricated as several components that it can be broken down into the primary frame, rails, and treads for shipping and re-assembly on site.

Project Details
Completed in 2024

Project Location:
W. Master Street, Philadelphia, PA

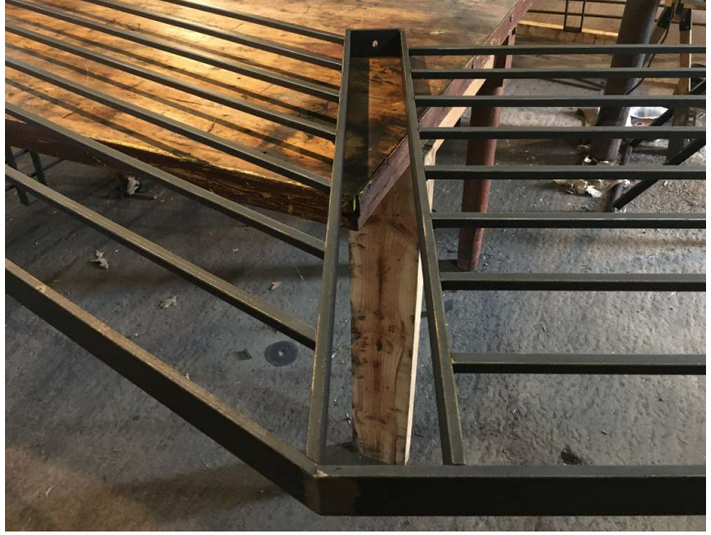
Collaborators:
Co-Craft Design Workshop

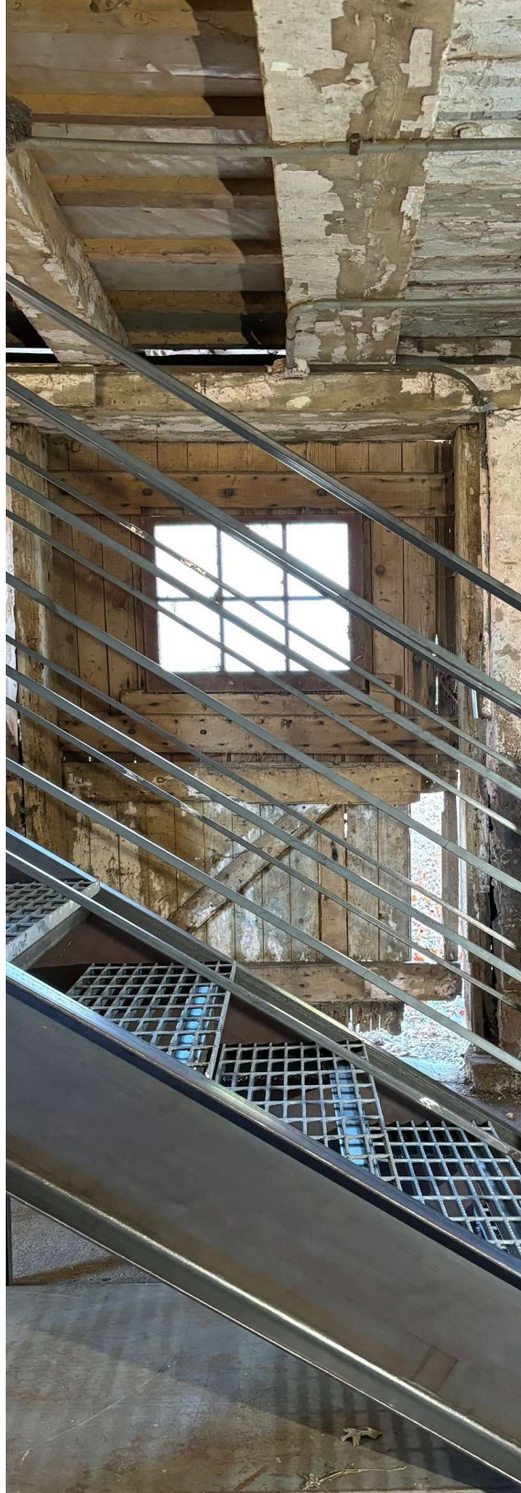


In The Shop

Our workshop is a place for exploration, experimentation, fabrication, and education, where we constantly seek to push our boundaries. Process is an integral part of every design, and we like to share what's going on behind the scenes - feel free to drop by and join the conversation at our blog link below.

Co-Craft
Design Workshop





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