

2023

CALENDAR



NEW ENERGY WORKS
design • build • timberframing • woodworks

LOG&TIMBER
HOME LIVING

READ MORE ABOUT THIS PROJECT BY DESIGNER
GARTH GOLDSTEIN ON THE INSIDE BACK COVER.



January

TOUR THIS PROJECT:
newenergyworks.com/white-tail

SUN

MON

TUE

WED

THU

FRI

SAT

1

New Year's Day

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Martin Luther King,
Jr. Day

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Lunar New Year

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White Tail

NEW YORK

Built on a sprawling historic lakefront compound of turn-of-the-century hunting cottages that have hosted numerous U.S. Presidents from Woodrow Wilson to Richard Nixon, the new addition to this Adirondack great camp is modest and refined in its scale and purpose.

Designed in the tradition of Adirondack summer camp dining halls, this building is where all the social activity happens on the great camp. The owner's family can gather here to enjoy each other's company throughout the day and then retreat to their own private cottages on the property at night.

"As a professional the thing that I enjoy most is attention to detail. There is no stone left unturned by New Energy Works in terms of thoughtfulness and rigor in detailing on a project. You know it is always going to come together and it's going to be perfect."

—ANDREW J. RAMSGARD R.A., AIA, LEED AP

ARCHITECT: Ramsgard Architectural Design
315.685.0263 | ramsgard.com

ENGINEER: Fire Tower Engineered Timber
401.654.4600 | ftet.com

ENCLOSURE: New Energy Works
800.486.0661 | newenergyworks.com

PHOTOGRAPHY: Tim Wilkes Photography
585.423.1966 | timwilkes.com

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February

TOUR THIS PROJECT:
newenergyworks.com/naturally-new-england

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2 Groundhog Day	3	4
5	6	7	8	9	10	11
12	13	14 Valentine's Day	15	16	17	18
19	20 President's Day	21	22 Ash Wednesday	23	24	25
26	27	28				

Naturally New England

MASSACHUSETTS

This custom country home in New England features extensive interior and exterior timber work. The interior utilized re-sawn reclaimed White Oak timbers provided by our sister company Pioneer Millworks, and the exterior features Western Red Cedar trellises and rafter components with a custom finish to help them blend in seamlessly.

The Oak timbers were reclaimed from the Chippewa Farm in Orrville, Ohio. Based on the curved hewn shape of the timbers featured at the entry points of the original barn, it is believed to have been built in the mid-1800's by former shipbuilders, replicating some of the timbercuts they employed as shipwrights.

"Anytime we have an opportunity to use reclaimed timbers on a project, our team gets really inspired. Working with reclaimed timbers allows us to honor the craft and tradition of timber framing and bring a sense of history to a new structure."

—ERIC FRASER, NEW ENERGY WORKS

ARCHITECT: David Scott Parker Architects
203.259.3373 | dsparker.com

BUILDER: Prutting + Company Custom Builders
203.972.1028 | prutting.com

ENGINEER: Fire Tower Engineered Timber
401.654.4600 | ftet.com

PHOTOGRAPHY: Trevor Tondro/OTTO
trevortondro.com



March

TOUR THIS PROJECT:
newenergyworks.com/redefining-staycation

SUN

MON

TUE

WED

THU

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Holi

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Daylight Saving Time

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St. Patrick's Day

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Beginning of
Ramadan

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Redefining the Staycation

NEW YORK

This home was lovingly renovated to serve as a family retreat spurred on by the realities of a changing world during the height of the Covid-19 Pandemic. The homeowners spent nearly two years envisioning what the project would look like before they began the renovation process.

The outdoor heavy timber pavilion area was designed for enjoying summers outdoors while keeping privacy at heart. Special attention was paid to the elusive feeling of tranquil coziness achieved through the use of a strong Douglas fir crux A-frame that utilized a carefully developed finish to complement the existing home.

"COVID-19 changed a lot of people's lives, and the staycation became a very real thing for some families. Being able to enjoy the outdoors was the primary reason for this home's renovation, but also the safety and security of the backyard environment. Everyone's home is a castle, and in the case of this project it becomes just a fabulous place to enjoy."

—ANDREW J. RAMSGARD, R.A., AIA, LEED AP

ARCHITECT: Ramsgard Architectural Design
315.685.0263 | ramsgard.com

BUILDER: Furcinito Builders Inc
315.447.6361

ENGINEER: Fire Tower Engineered Timber
401.654.4600 | ftet.com

PHOTOGRAPHY: Tim Wilkes Photography
585.423.1966 | timwilkes.com

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April

TOUR THIS PROJECT:
newenergyworks.com/long-term-lake-front

SUN

MON

TUE

WED

THU

FRI

SAT

1
April Fool's Day

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Palm Sunday

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Passover

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Good Friday

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Easter

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Orthodox Easter

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Tax Day

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Eid Al-Fitr

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Earth Day

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Long-term Lake Front

NEW YORK

For homeowners Larry & Jennifer, owning a timber frame home on one of New York's Finger Lakes was a long-term goal for most of their married life together. After years of searching, they finally found the right property, purchased it, removed the existing small cottage, and called in New Energy Works to design and build their new custom home.

Featuring flooring & paneling from our sister company Pioneer Millworks as well as extensive custom woodwork from our fine woodworking division, the home blends Larry's desire for a rustic look with Jennifer's modern flair. Thoughtfully crafted to fit the wedge-shaped property while maximizing lake views, the design takes advantage of daylight while also creating privacy.

"The convenience of having access to all the services of New Energy Works and Pioneer Millworks was just fantastic. The build was challenging, COVID made it challenging. Materials were tough to source, and if we had been working with a bunch of separate companies, it probably would have been even tougher."

—LARRY & JENNIFER, HOMEOWNERS

DESIGN + BUILD + ENCLOSURE: New Energy Works
800.486.0661 | newenergyworks.com

ENGINEER: Fire Tower Engineered Timber
401.654.4600 | ftet.com

RECLAIMED WOOD: Pioneer Millworks
800.951.9663 | pioneermillworks.com

FINE WOODWORKS: NEWwoodworks
585.924.3860 | newenergyworks.com/fine-woodworks

PHOTOGRAPHY: Tim Wilkes Photography
585.423.1966 | timwilkes.com

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JACKSON, WYOMING
LAT 43.48 N POP 9577
ELEVATION 6237 FT

May

TOUR THIS PROJECT:
newenergyworks.com/classically-modern-lakehouse

SUN

MON

TUE

WED

THU

FRI

SAT

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Cinco de Mayo

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Mother's Day

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Memorial Day

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Classically Modern Lake House

NEW YORK

Artfully blending the modern farmhouse aesthetic with classic lake house style for this property in New York's Finger Lakes region, this home features steep gables, traditional white shiplap, a screened-in timber porch, and extensive timber detailing.

Crafting a new waterfront home full of character and contemporary charm was a long-term dream for the homeowners and their three growing daughters. The home's design reflects the owners' desire to finish raising their children on the lake, but also entice them to return to the nest as they become adults.

"Working with New Energy Works is always great. They had the professionalism and well detailed collaborative structure to help create the perfect scenario to achieve what the clients were looking for as well as the engineering expertise necessary to make the project successful."

—PETER HEINTZELMAN,
AIA, LEED G.A. ARCHITECT

ARCHITECT: Method Architecture Studio
802.585.3161 | methodarch.com

BUILDER: Spall Realty Corporation
585.586.4521 | spallhomes.com

ENGINEER: Fire Tower Engineered Timber
401.654.4600 | ftet.com

PHOTOGRAPHY: Don Cochran
585.314.5213 | doncphoto.com

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June

TOUR THIS PROJECT:
newenergyworks.com/barn-as-craft-and-art

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MON

TUE

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Flag Day

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Father's Day

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Juneteenth

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Eid al-Adha

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A Barn as Craft & Art

OREGON

A few years back New Energy Works provided a timber frame for a new hybrid custom home in Oregon located on an idyllic eight-acre plot of land. Recently we returned to raise a matching classic timber frame barn on the property clad in reclaimed wood siding from our sister company Pioneer Millworks.

This new addition to the acreage is a space for gardening, projects, and parties, but was designed to be easily adaptable in years to come. A labor of love inside and out, this barn is part of the long-term plan for the development of the property by the recently retired homeowners.

"This barn was a further extension of what I would tell all my subcontractors when they would come up to work on my house, which was: this is not a construction project, it is an art project. We are doing this to create functional art. Craftsmanship & workmanship have to be at a high level, things have to go together well, look right, and feel good. And that is what I feel like we accomplished with the house and now the barn."

—RIC, HOMEOWNER

DESIGNER: Doyle Residential Design
503.580.0814

BUILDER: Ric McNall Construction, Inc.

ENGINEER: Eclipse Engineering, P.C.
541.389.9659 | eclipse-engineering.com

RECLAIMED WOOD: Pioneer Millworks
800.951.9663 | pioneermillworks.com

PHOTOGRAPHY: Kayla McKenzie
541.408.3655 | kaylamckenzie.com

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July

TOUR THIS PROJECT:
newenergyworks.com/country-entertaining

SUN

MON

TUE

WED

THU

FRI

SAT

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Canada Day

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Independence Day

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Country Entertaining

NEW YORK

When Mark & Phyllis set out to craft a timber frame home, the journey started with finding the right piece of country real estate to build on.

The home had to be cozy enough to feel like an intimate private country home when they were alone during the week but be large and dynamic enough to comfortably accommodate their thirty-member extended family on the weekends. The result is a home that includes a tailored man cave, indoor/outdoor transitional space, and flexible rooms for their whole family to gather in. All while maintaining a warm and informal atmosphere.

"I think this house was extremely well done from beginning to end. The people that we met at New Energy Works are really talented, they care, they work hard. It is exactly what we wanted, designed, and laid out with the team. We are extremely pleased with the design, architecture, and build quality of our new home."

—MARK, HOMEOWNER

DESIGN + BUILD + ENCLOSURE: New Energy Works
800.486.0661 | newenergyworks.com

ENGINEER: MBL Engineering PLLC
315.486.0501

RECLAIMED WOOD: Pioneer Millworks
800.951.9663 | pioneermillworks.com

FINE WOODWORKS: NEWwoodworks
585.924.3860 | newenergyworks.com/fine-woodworks

PHOTOGRAPHY: Don Cochran
585.314.5213 | doncphoto.com

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August

TOUR THIS PROJECT:
newenergyworks.com/reimagined-grace

SUN

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TUE

WED

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Reimagined Grace

NEW YORK

This reimagined family home is built on the foundation of a historic lakefront camp in the Hudson River Valley of New York. The camp was comprised of seven independent structures that were taken down prior to the renovation, the four new buildings on the site were built in the footprints of the original structures on the picturesque estate.

Consisting of a large timber frame main house, yoga studio, boat house, and two-bedroom guest house, the one-of-a-kind property has plenty of room for friends and family to gather. Located on the very end of the lake where the water hooks around into the surrounding woodlands, the camp is a serene and private place perfect for quiet contemplation and meaningful conversations.

“Utilizing heavy timber structures was the first set of design criteria that the clients wanted, and any time a timber frame project comes up we always try to work with New Energy Works first. It is just a better product, the installation is great, and the whole staff is very professional.”

—MIKE MAGGIO,
PROJECT MANAGER HUDSON DESIGN

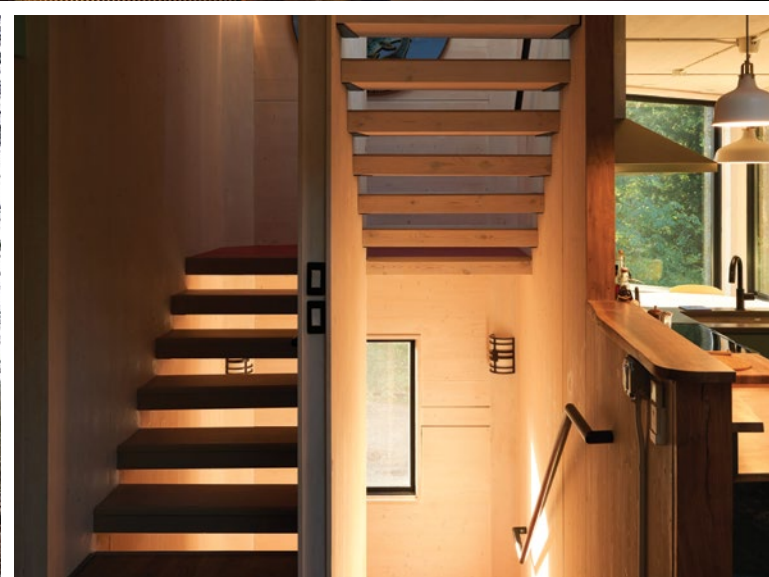
ARCHITECT + BUILDER: Hudson Design
845.424.4810 | hudsonsdesign.pro

ENGINEER: Fire Tower Engineered Timber
401.654.4600 | ftet.com

PHOTOGRAPHY: Hudson Design

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September

TOUR THIS PROJECT:
newenergyworks.com/CLT-home-OR

SUN

MON

TUE

WED

THU

FRI

SAT

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Labor Day

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Rosh Hashanah

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Yom Kippur

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Cross Laminated Timber Home

OREGON

This modern home in Oregon was built using Cross Laminated Timber (CLT), which is a self-supporting heavy wood panel material made by gluing together solid-sawn lumber in overlapping panels. The result is a sustainable, carbon-sequestering, and extremely high-quality building material.

It is no surprise that CLT was suggested by London-based architect Alan Morris for this project, who is well versed in building with Cross Laminated Timber in the United Kingdom. Designed around the concept of a small box supporting a larger box, the self-supporting properties of CLT allowed the upper living area to float over the landscape, cantilevered out from the smaller garage below.

“One of the opportunities with CLT is that you can enjoy wood for what it is. Why would you put wood in a wall and then cover it with cladding on the outside and drywall on the inside? You have lost the wood, haven’t you? With CLT you really get to see the beauty of wood and live with it. CLT is not an inexpensive choice, but you get very good value for the money in my opinion; what you really need is a good installation team, which New Energy Works absolutely has.”

—ALAN MORRIS, ARCHITECT

ARCHITECT: Alan Morris Architect
ama-uk.eu

BUILDER: New Energy Works
800.486.0661 | newenergyworks.com

PHOTOGRAPHY: Noel Adams
503.729.8846 | topocompany.com

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HOME LIVING

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October

TOUR THIS PROJECT:
newenergyworks.com/simplicity-of-form

SUN

MON

TUE

WED

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Indigenous Peoples'
Day

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Halloween

Simplicity of Form

NEW YORK

Rolling seaside hills serve as the backdrop to this barn-styled home that was inspired by traditional timber frame barn designs familiar to the surrounding area. This home truly celebrates the simplicity of its form and takes the interior timber structure outward to the exterior.

Consisting of two bedrooms, an exercise space, and a large open kitchen/living space, the home utilized a king-post White Oak frame that was kept as simple and natural as possible, relying on clean lines, modest color choices, and an abundance of natural light to convey the structure's design intent which connects the home with its picturesque surroundings.

"I will never forget when the foundation work was ready New Energy Works showed up with their trucks and within a WEEK there was a barn standing on the site! The raising was just a beautiful experience. I still show people those raising day photographs, we always say that this house has a soul to it, and I think it is because of the honesty of the timber frame."

—MICHAEL SCHMITT, AIA ARCHITECT

ARCHITECT: Michael Schmitt Architect
212.477.1322 | studiosma.com

BUILDER: Ben Krupinski Builder
631.324.3656 | bkbuilder.com

ENGINEER: Fire Tower Engineered Timber
401.654.4600 | ftet.com

ENCLOSURE: New Energy Works
800.486.0661 | newenergyworks.com

PHOTOGRAPHY: Chris Foster
917.359.4378 | fostergraph.com

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HOME LIVING

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November

TOUR THIS PROJECT:
newenergyworks.com/authentic-volume

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5 Daylight Saving Time Ends	6	7 Election Day	8	9	10	11 Veterans Day
12 Diwali	13	14	15	16	17	18
19	20	21	22	23 Thanksgiving	24	25
26	27	28	29	30		

Authentic Volume

NEW YORK

Designed to complement a series of free-standing barns from the 1920's on an expansive farm property in Upstate New York, this uniquely styled home was crafted to blend into the surrounding landscape.

Featuring an expressive first floor volume tailored to meet the needs of the individual homeowner with efficient simplicity, the high ceilings and custom finished Douglas fir timbers above hide functional guest quarters hidden below for friends and family to enjoy.

"For me as the architect, the clients, and really everybody who has physically been to the house, the success of this project is when you stand in the home and experience the feeling of authenticity of the structure, the bones, the timber; that is what makes the house successful."

—NIELS SCHOENFELDER, ARCHITECT

ARCHITECT: Niels Schoenfelder Architect
+91-44-2461 4000 | mancini-design.com

BUILDER: Prutting + Company Custom Builders
203.972.1028 | prutting.com

ENGINEER: Fire Tower Engineered Timber
401.654.4600 | ftet.com

PHOTOGRAPHY: Björn Wallander/OTTO
+1.917.743.9090 | bjornwallander.com



December

TOUR THIS PROJECT:
newenergyworks.com/wedding-barn

SUN

MON

TUE

WED

THU

FRI

SAT

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Hanukkah (1st Day)

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Christmas Eve

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Christmas Day

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Kwanzaa

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New Year's Eve

The Wedding Barn

NEW YORK

When Mike & Carrie bought their farmhouse in the Finger Lakes region of New York 23+ years ago, there were foundational remnants of the original turn of the century barn on the property, which they always dreamed of one day rebuilding.

More recently the couple, who now have four older children, realized they might actually need a barn to supplement the space for socializing. But it took a family wedding to really push the project from dream to reality.

While plans for the “banked barn meets pool house” were already underway before their daughter got engaged, it was her request to get married at home that sped the project, clad in reclaimed barn wood, to completion just in time to serve as a family wedding venue.

“The classic beauty of a timber frame just feels so authentic. If you are anywhere in New England and you are in an old barn, that’s what you see. Timber frames really make it authentic versus a generic pole barn, we really love its beauty & craftsmanship.”

—MIKE & CARRIE, HOMEOWNERS

ARCHITECT: Hanlon Architects

585.223.6440 | hanlonarchitects.com

BUILDER: Russell Builders

315.521.0746 | russell-builders.com

ENGINEER: Stahly Engineering & Associates

406.442.8594 | seaeng.com

RECLAIMED WOOD: Pioneer Millworks

800.951.9663 | pioneermillworks.com

PHOTOGRAPHY: Tim Wilkes Photography

585.423.1966 | timwilkes.com

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January '24

TOUR THIS PROJECT:
newenergyworks.com/OR-woodshop

SUN

MON

TUE

WED

THU

FRI

SAT

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New Year's Day

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Martin Luther King,
Jr. Day

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The Woodshop

OREGON

When Julie built her ranch style home in Oregon back in 1989, she wanted a classic timber frame, but was unable to find anyone in the area building timber homes at the time. With a background in the construction industry and woodworking, she was her own general contractor on the home and got as close as she could to the timber frame aesthetic by including exposed beams and wood pillars.

More recently, when Julie began considering retirement, she reached out to New Energy Works to design and build a timber frame addition to her much-loved home. The reverent timber space that now houses her at-home woodshop is designed to be a flexible space that can accommodate her woodworking needs today but could also be converted to functional living space in the decades to come.

"When we decided to retire, we didn't want to move. Instead of moving into a retirement community with a woodshop and a gym, we thought 'why not just build it?' So, we did. This will be my third woodworking shop, so I knew exactly what I wanted going in, and it turned out spectacular."

—JULIE, HOMEOWNER

DESIGN + BUILD + ENCLOSURE: New Energy Works
800.486.0661 | newenergyworks.com

ENGINEER: Eclipse Engineering, P.C.
541.389.9659 | eclipse-engineering.com

RECLAIMED WOOD: Pioneer Millworks
800.951.9663 | pioneermillworks.com

PHOTOGRAPHY: Kayla McKenzie
541.408.3655 | kaylamckenzie.com

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Visit the blog for a story
& video of the many
hands that raised this
frame.

[newenergyworks.com/
backyard-raising-OR](http://newenergyworks.com/backyard-raising-OR)



BACKYARD COMMUNITY OREGON

What do pizza boxes, a canceled wedding, and a community hand raising have in common? This backyard pavilion in Oregon. For homeowners Matt & Laura, 2020 was rough. Both work in the front-line medical industry and their dream wedding was looking less and less likely to ever happen.

The couple decided that they would turn tradition around, forgoing a traditional one-time wedding ceremony and instead spending what would have been their wedding fund on an outdoor timber frame pavilion they could enjoy with their friends and family for many years to come.

At first, they used empty pizza boxes laid out on the ground to envision their ideas for the space, eventually deciding on a layout for their timber pavilion that included an outdoor pizza oven and Argentine grill, among other amenities. When it came time to hand raise the timber frame, they emailed thirty or so friends and neighbors who all came out to help. The result is a dynamic communal space right in their own back yard.

"We really wanted to create a community space in our own backyard. All of our neighbors pitched in at different points, whether it was on raising day, or the neighbor who fabricated the grill that is part of the outdoor kitchen, even some of the contractors that came through the project are now lifelong friends of ours. Long term we see this pavilion being a space to gather and form those social bonds."

—MATT & LAURA HOMEOWNERS

TOUR THIS PROJECT: newenergyworks.com/backyard-community

WOOD IS IN OUR DNA

DESIGN

Whether you are the designer or architect, come to us with a professional design, or hire us to design your project, it all starts here. Your project is too important, your program too unique to you.

BUILD

Walking our talk is our DNA. We have over 30 years of General Contracting experience in selected projects. This is a joy, and more importantly, a continual education from new technologies, improved job management, and, you bet, smart and challenging clients. We incorporate all of this into our work, and you benefit at whatever level of build you need us for.

PIONEER MILLWORKS

For more than 30 years our sister company Pioneer Millworks has been inspired to develop creative reclaimed and sustainable wood flooring, paneling, decking, and siding from their East and West coast mills. They offer numerous species, grades, textures, and color options for architects and designers that are easy for builders to install and have a story homeowners and end-users can connect with. Most importantly they provide natural building material options that are healthy for people and our planet.

YOU & YOUR PROJECT

Integration is at the core, using as many or as few of our services as makes sense for your space.

TIMBER FRAME

This is our genesis and our heart. We have spent three decades creating a balance of craft, efficiency, and engineering. We are focused on delivering the best timber frame in the industry. And deliver is the key word. The craftsmen who fabricate your posts and beams are those who raise them anywhere in the United States.

FINE WOODWORKS

We call this group *NEWoodworks*, and for more than 20 years these craftspeople have fabbed the finest and most challenging cabinetry, doors, stairs, and furniture. It was a natural evolution, bringing this added skill and consistency to our projects and clients.

HIGH-PERFORMANCE ENCLOSURES

With our 30+ years of sustainable building & manufacturing history we have developed a unique insight into off-site fabrication that has inspired us to help others build to a high level of performance. We call this HPEz™—High Performance Made Easier™. We collaboratively adapt our enclosure systems to the design specifications of each project. We partner with architects to evaluate the schematic designs of a project so they can be optimized for panel fabrication, resulting in an accessible enclosure solution for high-performance and Passive House construction.



A LETTER FROM US

Over 30 years ago we started designing, crafting, and raising timber frames with a small team in an even smaller town. We focused on sustainability, energy efficiency, and spaces custom designed around clients' needs before they were trendy. It's exciting to see that today these ideals are driving conversation and change beyond our own conference room.

Back when it was five gangly timber framers and me headed to raisings with beetles and chisels in a camper van, we followed a Triple Bottom Line business model, placing equal emphasis on People, Planet, and Prosperity. We didn't call it that at the time, we just called it doing business. Along the way, our small team has grown to two companies, on two coasts, and over 150 coworkers. We moved from that small town in the Finger Lakes of New York to a slightly larger town and ventured out west to create another pod in Oregon. We've met new folks, worked on projects all over the country with great partners and great clients, and learned a lot about our business and ourselves along the way.

The biggest thing I've learned is that none of this growth would have been possible without our people. Many clients have commented to me over the years that no matter who they work with, they act like an invested owner. I agree. It was logical then that we would shift ownership of this company over time from me as founder to my present and future coworkers.

We're doing this through an ESOP, an Employee Stock Ownership Plan. This bipartisan-supported Federal law was created to help entrepreneurs transition ownership to employees vs. selling or ending companies. Through the ESOP, we're giving this next generation of craftsmen, designers, woodworkers, and creators the vested interest that they have always displayed through our work. We truly know that this company of timber framers and woodworkers will outlive me through the hard work of folks who have always given their talent to making these businesses a success, and your experience so positive.

—JONATHAN ORPIN, FOUNDER
& NOW CO-OWNER

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FROM THE COVER

Dune Rider

MICHIGAN

The critical protected sand dunes on the shores of Lake Michigan provide a narrative backdrop for this modern vacation home. Modeled after beachfront homes commonly seen along the seaside dunes of New England, this home was customized to the site and built to withstand the unique weather conditions of the area all while being as energy efficient as possible.

Competing with the construction limitations of building near the protected dunes as well as the lake, local wildlife, and other site conditions, the home is tailored to meet the needs of the owners while treading lightly on the pristine landscape. Designed to be an open and functional home, many of the rooms are flexible spaces that convert to sleeping areas to accommodate large groups of friends and family.

SEE MORE OF THIS PROJECT AT: NEWENERGYWORKS.COM/DUNE-RIDER

"The concept for the home was to have a platform floating above the dunes. The house has a single great room where if you look to the east, you see the sand dune, and if you look west, you see the expansive waterfront view of Lake Michigan, bringing the landscape right through the building and out to the water. The owners wanted a house that would disappear and blend into the landscape as much as possible. The timbers were very lightly treated so they could be used inside and outside of the home and left as natural and unfinished as possible."

—GARTH GOLDSTEIN, DESIGNER

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COMING FULL CIRCLE

30+ YEARS OF EXPERIENCE AND NOW EMPLOYEE-OWNED.

We raised this hexagon frame in 1988, the cowboy years of the timber framing we know today. This past year we revisited the project and caught up with the owners who still live in the home and love it all these years later.

READ THE WHOLE STORY:
newenergyworks.com/blog/revisiting-hexagon



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