



2019

the **SHELL**

For the DIY-enthusiast who wants to add their own finishing touches



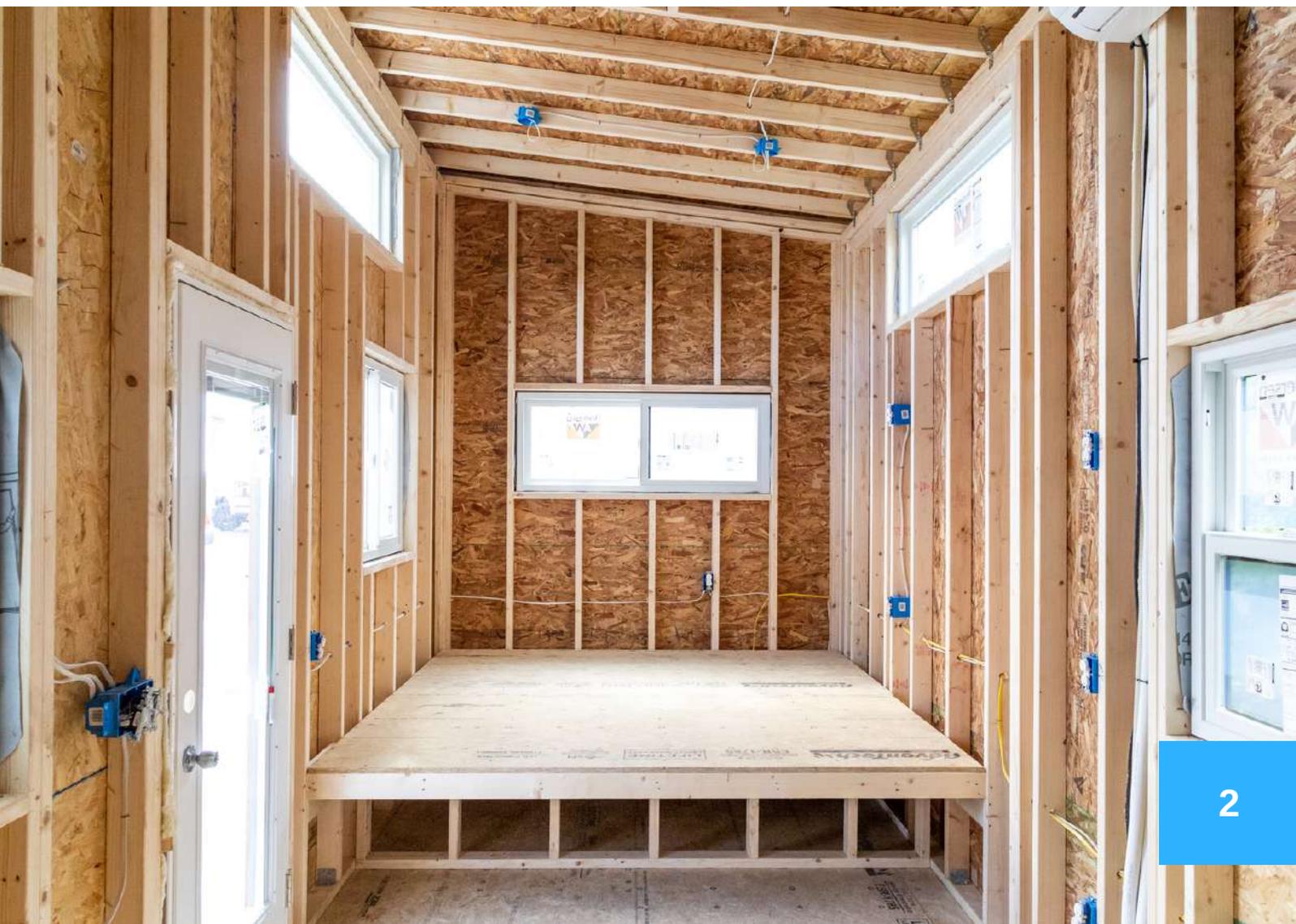
Overview.....	2
Why Choose Liberation?.....	3
Roofing.....	4
Siding.....	5
Trailers.....	6
Windows.....	7
Utilities.....	8, 9
Insulation.....	10
Plumbing	11
Next Steps.....	12

WHAT IS A SHELL?

A shell from Liberation Tiny Homes holds all of the attributes that make us successful: quality-minded, custom, and a quick turnaround.

We offer shells in several forms: a Stage 1 includes the 2x4 framing, home wrap, and roof underlayment. A Stage 2 includes a fully-finished exterior including roofing, siding, windows, door, and a roughed-in interior including lofts & bathroom walls. We also offer a home that is completed somewhere between the Stage 2 Shell & a finished home. Plumbing and electrical rough-ins are available upon request as well as unpainted wall boards and much more.

We serve those that wish to add a piece of their own to their tiny home. It's what makes it unique and felt like it's your own. We work with your ideas, custom floor plans, and your direction to produce your shell in under a week from the start of the build date.



WHY CHOOSE LIBERATION?



Here at Liberation, we believe that tiny homes should be constructed with excellent craftsmanship, durable materials, and also be affordable to purchase. We have built our company to reflect those values & to fulfill your dream of living a more economical and responsible lifestyle.

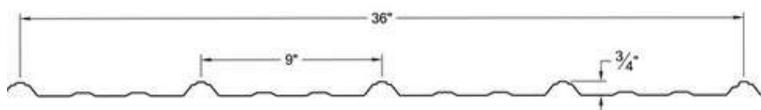
We are located in the heart of Lancaster County, PA, where the labor industry has a long history of quality craftsmanship. Our roots are planted here, and we have spent our lives building relationships within the community. We support those relationships by purchasing nearly all of our products from local and small businesses.

Our homes are constructed on locally, custom made trailers and we offer several models to choose from. Our RUMSPRINGA Model is the newest tiny house from Liberation and we offer the ability to customize the home to make it unique and practical for your lifestyle.



- 26 Gauge
- Coverage: 36"
- Rib Spacing: 9"
- Rib Height: 3/4"
- Substrate: AZ-50
- Galvalume
- Heat-formed
- 25-year warranty
- 40-year paint warranty

This specially coated panel reflects as much as 83% of the sun's energy away from the roof, resulting in a cooler building in summer, more energy savings, and greater comfort.



SIDING



LP® SmartSide® Trim & Siding offers the warmth and beauty of traditional wood with the durability of treated engineered wood. It's a complete line of high-performance trim and siding products to complement almost any building style. All LP SmartSide products feature our innovative four-component SmartGuard® manufacturing process for strength against harsh weather and to resist fungal decay and termites.

Treated with LP's Exclusive SmartGuard® Process

LP's proprietary SmartGuard® manufacturing process is designed to create highly durable engineered wood products. Every strand of wood that goes into LP SmartSide Trim & Siding is treated with an advanced formula of adhesive resins, water-resistant waxes and zinc borate, after which a water-resistant, resin-saturated overlay is bonded to the product. The result: four components of protection against water damage, termites and fungal decay.



LP uses an SFI® certified forest management and fiber sourcing system to help ensure that the wood that goes into our products comes from well-managed forests.





A SOLID FOUNDATION

Our trailers are custom made here in Lancaster County, PA. We have worked with the manufacturer to create a trailer that not only meets but exceeds the tiny house industry standard.

We put two layers of 3.5" Rockwool R15 Comfortbatt insulation into the floor of the trailer and it is lined with sheet metal on the bottom to seal it from the weather and debris. The subfloor is glued and screwed to the trailer and the walls are bolted to the trailer frame. This provides a solid foundation for your tiny house and for worry-free living.

A custom trailer can be made in either the standard 8' 6" width or 10'
The length can be customized from 10' - 32'
We also offer gooseneck trailers which can be longer than 32'

Windows can make all the difference in how your tiny house feels. Adding natural light and expansive views can make your tiny home feel special.

ANDERSON WINDOWS ARE:

DURABLE

- Virtually maintenance-free
- Rigorously tested to deliver years* of smooth, reliable operation
- Fibrex material construction provides long-lasting* performance
- Durable, low-maintenance finish won't fade, flake, blister or peel*
- Fibrex material is twice as strong as vinyl

ENERGY EFFICIENT

- Weather-resistant construction for greater comfort and energy efficiency
- Weatherstripping is designed to seal out drafts, wind and water
- Variety of Low-E glass options are available to help control heating and cooling costs in any climate
- Many 100 Series single-hung windows have options that make them ENERGY STAR® v. 6.0 certified throughout the U.S.



BEAUTIFUL

- Clean, attractive corner seams
- Six exterior color options
- Attractive matte finish interiors available in four colors
- Add style with grilles or patterned glass

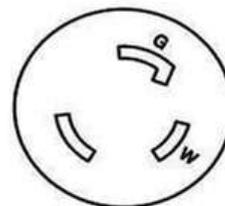
EXTERIOR COLORS



White Sandtone Terratone Cocoa Bean Dark Bronze Black

We will work with you to create the perfect design that incorporates as many windows as you'd like and place them in the right location to take advantage of maximum light, views, and functionality.





L5-30P



On-Board Micro-Processor Monitors:

- Inlet Water Flow
- Inlet Water Temperature
- Outlet Water Temperature
- Regulates the burner to maintain the set **HOT** Water Temperature:
- Can add COLD Water to the desired temp.
- All the **HOT** Water when you want it!
- 42,000 BTUs which provides the optimum performance for an RV's plumbing
- No special LP gas lines or special plumbing required
- Quiet Brush-less Motor
- 12V Power operates at less than 3 AMPs
- Freeze Protection – For Winter Use
- Designed Specifically for RVs
- Compact Design – Fits in any tank water heater cut-out opening

We offer both 30AMP & 50AMP electrical service to our homes, through a standard RV style inlet.

All of our homes are custom designed to meet the requirements of the appliances and fixtures of your tiny house.



We use standard RV water hookups for our tiny houses. This means that all you have to do is hook up a standard garden hose to the side of your house and you have fresh water.

We typically don't use holding tanks for either fresh or wastewater although this is something that could be accommodated if you need to be completely off-grid capable.

Inside of your tiny home, you can expect to have comparable water pressure to that of a traditional home.

WARM. COMFORTABLE. YEAR-ROUND LIVING

We use COMFORTBATT insulation as a standard in our tiny homes. It's the same insulation that you would find in a traditional home and will keep you comfortable in every climate.



ROCKWOOL COMFORTBATT® is a semi-rigid stone wool batt insulation for exterior wood and steel stud applications in both new construction and renovations.

It features a unique flexible edge designed to compress as the batt is inserted then spring back, expanding the batt against the frame studs to give a complete fill. This flexibility ensures the expected R-value is achieved and maintained.

Non-combustible and fire resistant, COMFORTBATT® will not develop toxic smoke or promote flame spread, even when exposed directly to a fire. It also offers water and moisture resistance and excellent sound absorbency.

COMFORTBATT® is an effective way to improve a home's energy efficiency. It is GREENGUARD Gold Certified and contributes to a healthier indoor environment.

Learn more at rockwool.com





COPPER vs PEX

Average Price for 100 Ft of 1/2" size

\$150	\$23 ✓
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Expected lifetime

✓ 75-100 years	50-100 years
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Difficulty level of installation

Expert	Very easy ✓
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Average installation time for one point

About 10 min	Less 2 min ✓
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Quantity of fittings needs for installation

For each turn	Up to 40% less ✓
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Freeze burst resistance

Poor	Very Good ✓
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Acid resistance

Poor	Very Good ✓
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Mechanical damage resistance

Good	Very Good ✓
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We use PEX plumbing for all of our water supply lines and they are located inside the interior walls which are insulated and built for year round living. You won't have to worry about frozen pipes or the hassle of winterizing for the cold weather.

We will work with you to design a layout that best suits your lifestyle and equip your home with either on-grid or off-grid plumbing equipment and fixtures.



WE ARE HERE TO HELP

We know that it can be difficult to secure financing, find a place to put your home and choose the style and finishes (after watching endless hours of tiny house tv shows). But there's no need to worry! Our team of experts will guide you through each step and make it as easy as possible to ensure that you are happy and stress-free during the entire process.

WHAT'S THE FIRST STEP?

We ask for a \$1,000 refundable deposit to secure your build date on our production schedule.

WHAT'S NEXT?

After we receive a deposit, a member of our team will contact you to schedule an initial design meeting. We will start to discuss the details of your project and walk you through the process of building a tiny home.

HOW LONG DOES IT TAKE?

We plan on 2-3 months for the construction of a full project. Stage 1 & 2 shells are given a 2-3 week window for completion.

We look forward to working together!