

HART™



Shiplap Sign

Kristen Chalut | [@thechaluthouse](https://www.instagram.com/thechaluthouse)

PROJECT PLAN

Finished Dimensions: 22.5"L x 1.5"W x 12.5"H

Skill Level: Intermediate

Materials

Item	Qty
1" x 3" x 8' Pine Board*	1
1/4" x 1-1/2" x 6' Pine Lath*	1
1/2" x 2' x 4' Birch Plywood Panel*	1
Sand Paper	1 sheet
E6000 Glue	1 bottle
5/8" Brad Nails	20-30
3/4" Wood Screws	8
White Paint	
Black Paint	
Stain	

* Board Dimensions are "nominal". Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

Grit is measured in the coarseness of the particles on the sandpaper. The lower the grit number, the coarser the paper. Heavy sanding would require 60 to 80 grit, medium sanding would require 120 to 220 grit, and finish sanding would require 320 to 400 grit. Super fine sanding would be 600 grit and higher.

A select/premium board or plywood comes with a smoother surface finish. It is clear or has very few tight knots, and it will have straight and sharp edges. This grade of wood pairs well with other boards or panels better and requires less time to sand and finish.

Tools Used



Miter Saw



Drill/Driver



Circular Saw



Random Orbit Sander



4.0Ah Battery



Battery Charger



Tape Measure



Hammer



Safety Glasses

Also Need:
Brad Nailer
Scroll Saw
Clamps

Battery Tip: A 4.0Ah battery is recommended to be paired with high amp draw tools for maximum efficiency.

Lumber Cut List

Board*	Description	Cut To	Qty
1" x 3" x 8' Board*	Sign Face	22"	4
1/4" x 1-1/2" x 6' Lath*	Connectors	8"	2
1/4" x 1-1/2" x 6' Lath*	Frame Sides	12.5"	2
1/4" x 1-1/2" x 6' Lath*	Frame Top/Bottom	22.5"	2

* Board dimensions are "nominal." Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

Assembly Instructions

Step 1

Cut the 1x3 pine boards into four 22" pieces using a miter saw.

Step 2

Sand down each of your cuts to remove any rough edges.

Wipe off any sawdust and paint the (4) 22" boards in your desired color. We used [Benjamin Moore Chantilly Lace OC-65](#).

Step 3


Now, use your miter saw to cut (2) pieces of lath about 8" long.

These pieces will secure your (4) 22" boards together.

Step 4

Lay your 1x3 boards face down and determine how much space you want between each piece. We used a nickel as our spacer between each of the boards.

Place the 8" pieces of lath vertically on the left and right sides. Use your drill and wood screws to connect the pieces.

 **Tip - Pre-drill holes into your lath pieces to prevent the wood from splitting as you attach them to the boards.**

Step 5

Using an orbital sander (or a piece of sandpaper), sand down the remaining lath to use for the frame.

Step 6

Measure and cut the lath to fit the exact measurements of your connected boards.

Your exact measurements will vary based on how much space you leave between the boards but should be approximately 22.5" for the top and bottom frame pieces and 12.5" for the side frame pieces.

Step 7

Paint or stain your frame as you'd like. We used watered-down [Waverly Inspirations Wax Sealer and Protectant in color Antique](#).

Step 8

Now you're ready to cut out the words for your sign.

Print your template (standard printer paper is fine) with the words/phrase of your choice. Our template for "P.S. I Love You" is included at the end of these plans.

Attach the template to your plywood sheet and use a scroll saw to cut out each word. If you don't have a scroll saw, you can use a jigsaw.

Step 9

Clean up any rough edges on your words using a rotary tool and sanding bit attachment.


Step 10

Paint the cut out words in the color of your choice. We used [Waverly Inspirations Matte Chalk Finish Acrylic Paint in color Ink](#).

Step 11

Once everything is dry, let's put it all together!

Attach the frame to the sign using a nail gun or hammer.

 Tip - If you use a hammer, be careful not to use too much force to drive the nails. You don't want to leave a dent in your frame.

Step 12

Arrange the words on your sign. Once you have them in place, use E6000 glue to attach.

Your sign is complete and ready for its new home in your house!

P.S. *i love you*