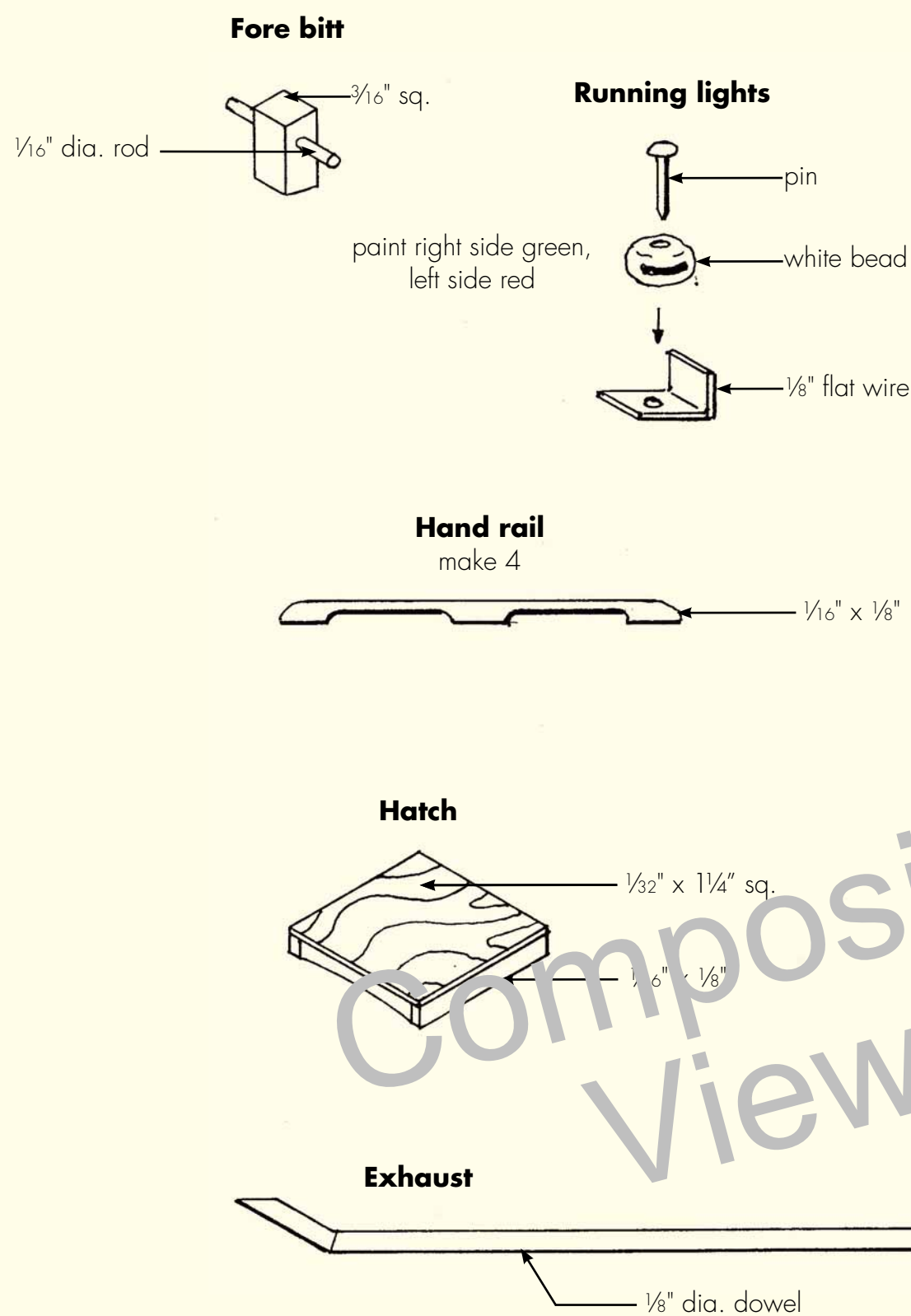


1:20.3-scale lobster boat (waterline model): Part 2

by Ted Stinson | Wiscasset, Maine



DETAILS



First, make the forebitt from $\frac{1}{4}$ "-square stock. This should be painted white. Now drill a $\frac{1}{16}$ "-diameter hole for the $\frac{1}{16}$ "-diameter brass rod. When done, glue this in place on the foredeck.

Make the running light from a white E-bead and flat wire. Once this is glued in place, paint a red stripe along the left side of the bead and a green stripe along the right side.

Make four handrails according to the plan. These should be given a natural finish with clear lacquer. When these have dried, they can be glued in place on the cabin and shelter roof.

Make the hatch from $1\frac{1}{4}$ "-square plywood and $\frac{1}{16}$ " x $\frac{1}{8}$ " stripwood. Finish this in the same way as the handrails, then glue it in place on the cabin roof—refer to the plan for the exact location.

Make the exhaust from a $\frac{1}{8}$ "-diameter dowel and give it a coat of clear lacquer. When it's dry, paint it flat black. To run this through the shelter roof, first drill a small hole (about $\frac{1}{16}$ " diameter), then open it up to $\frac{1}{8}$ " diameter with a small rattail file. That way you can get the proper-size hole without splintering the roof. When done, glue the exhaust in place.

Now, using the cross-section at F2 as a guide, make the range light on the shelter roof. This should be fitted and glued in a $\frac{1}{16}$ "-diameter hole in the shelter roof.

Fit and glue the steering wheel in place. The wheel shown on the plan (an early brake wheel) or a proper six-spoke steering wheel are both typical for boats of this size.

The pot hauler is made from two washers and bits of dowel. It fits on a square piece of $\frac{1}{16}$ " stock. When finished, it should be glued to the combing just under the shelter roof.

Now make the pot-hauler davit (or crane). Use $\frac{3}{32}$ "-diameter aluminum tube. Drill $\frac{1}{32}$ "-diameter holes for the cotter pins. One cotter pin will hold the snatch block (which can be purchased from a model-boat fitting supplier or fabricated from wire), while the other will need to be threaded through the end of the chain before it is glued in place. The other end of the chain will be fitted to a cotter pin set in the deck (see plan side view).

Make the mast and steadying sail. The mast and boom should be given a natural finish before fitting the sail in place.

Sail making

Make the sail from Ripstop nylon (available from fabric stores). Tape the cloth over the plan with the thread running parallel to the seam lines on the sail plan. Trace the details of the sail on the cloth with a #3 pencil. When done, turn the sail over and repeat the process on the other side of the cloth. Tape the edges of the sail on both sides with masking tape (the sticky type). Then, cut the sail out with a fresh, sharp, #11 knife blade. Using a small, pencil-type soldering iron, poke small holes in the sail for the rigging. This is delicate work, so make a few test holes in scrap sailcloth to see how much pressure is required.

Fit the sail to the mast and boom before setting the mast in place. Run a short length of twisted wire from the mast, forward to a cotter pin set in the shelter roof. Use short lengths of $\frac{1}{16}$ " aluminum tube to make loops in the ends of the wire. Once the wire has been run back through the tubing, it can be pinched and filled with glue.

Make a "catch barrel." This is kept full of fresh sea water, with a short overflow tube that runs off to the side. Make a bait table as well. This is located to the rear of the cockpit and is used to rebait the traps when they are being pulled. Make up as many pot buoys as you will need. At least one is mounted on the shelter roof to show the lobsterman's colors.

Lobster pots

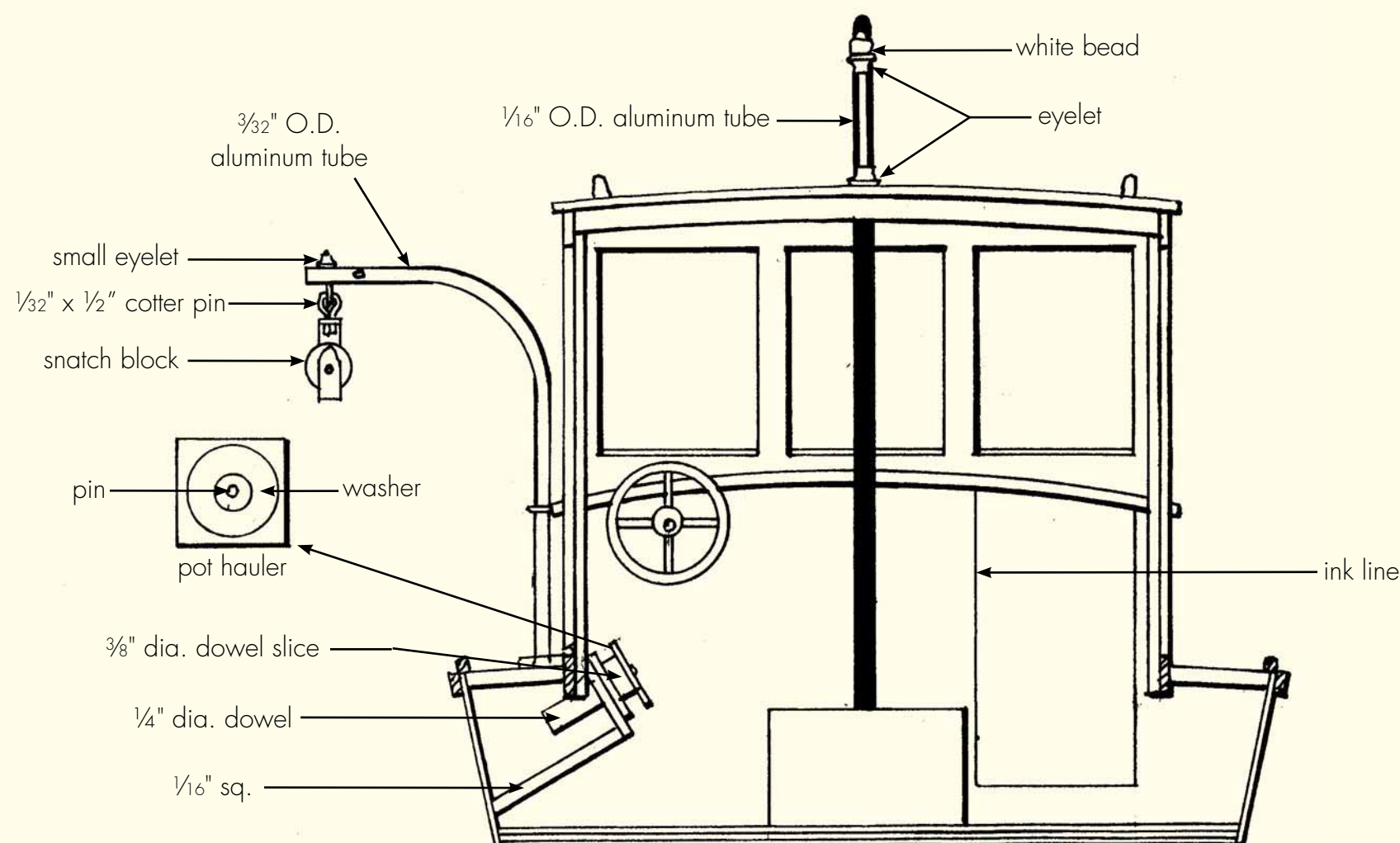
You can make as many lobster pots (traps) as appeals. The dimensions shown are for a 1:20.3-scale model, which is correct for this boat. The only optional part is the "toggle," which can be left off, if desired.

This sheet is a supplement to the August 2006 issue of *Garden Railways* magazine. While supplies last, extra copies of these drawings can be had by sending \$1.50 per set (\$2.00 foreign) to: Sidestreet Bannerworks, PO Box 460222, Denver CO 80246 USA. A complete list of available plans can be found at www.sidestreet.info, or send a stamped, self-addressed envelope to the above address.

A complete kit for this project (including appropriate details) is available from Northeast Narrow Gauge for \$50 + \$8 s&h. Order from Northeast Narrow Gauge, PO Box 191, Wiscasset ME 04578. Web site: www.nemodel.com

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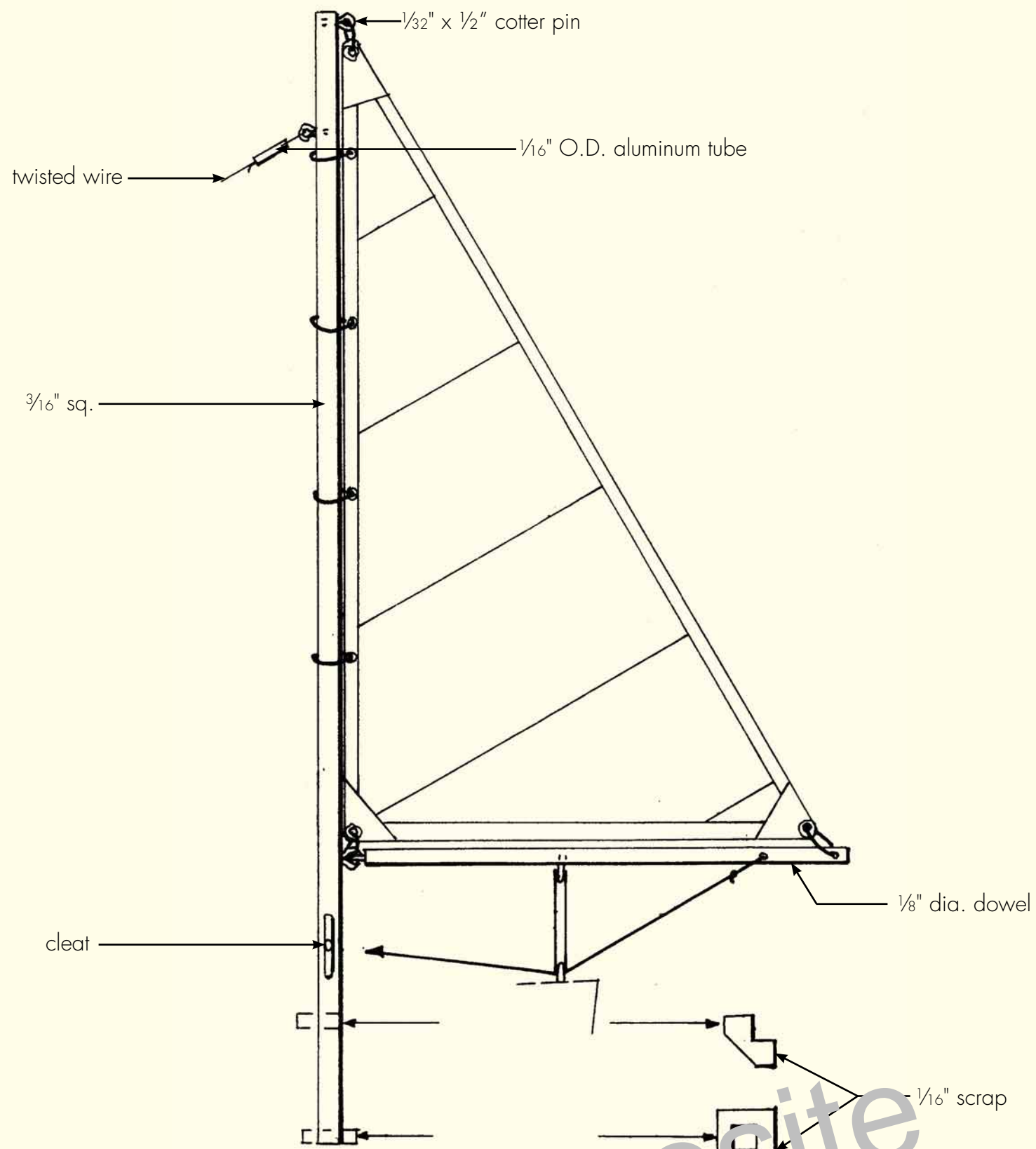
Cross section looking forward at F2



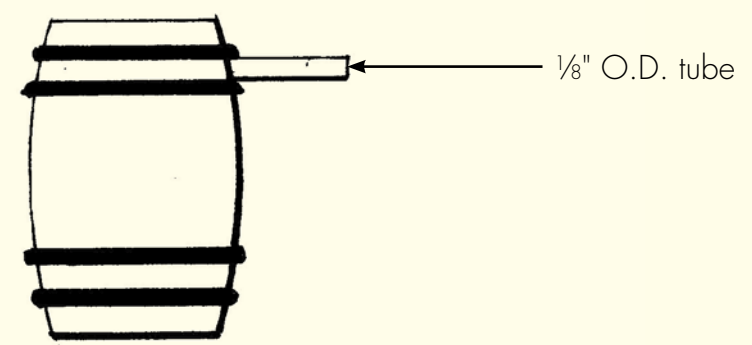
Are you working in a different scale?

If you are working in 1:32 scale, reduce these drawings to 63%.
 If you are working in 1:29 scale, reduce these drawings to 70%.
 If you are working in 1:24 scale, reduce these drawings to 88%.
 If you are working in 1:22.5 scale, reduce these drawings to 90%.
 If you are working in 16mm scale, enlarge these drawings to 107%.
 If you are working in 1:13.7 (1/8") scale, enlarge these drawings to 148%.

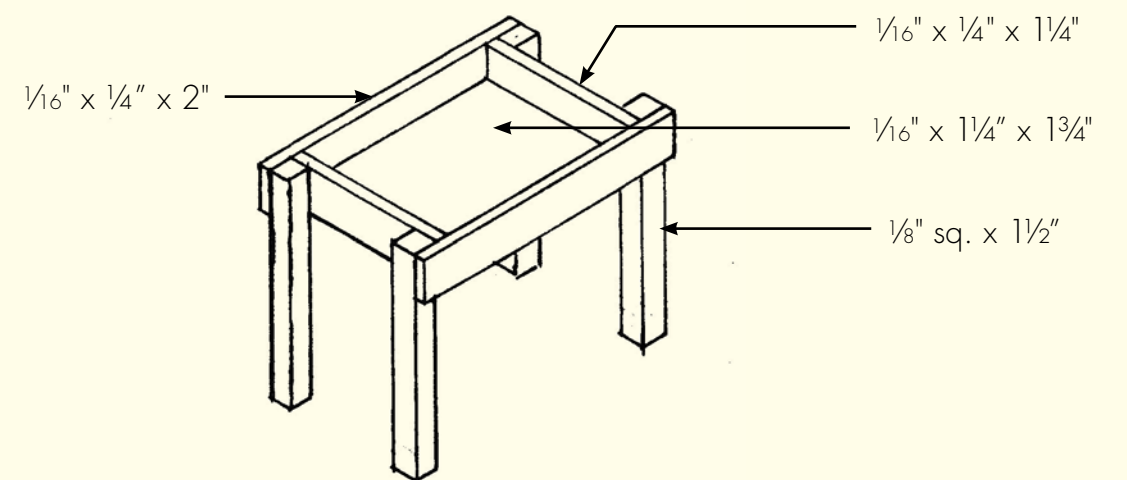
Steadying sale



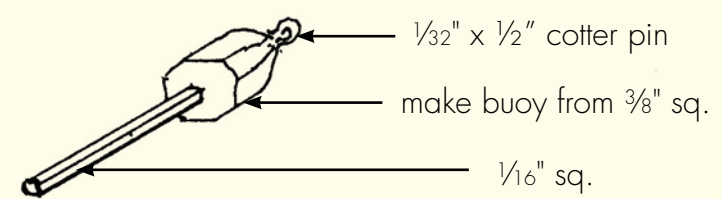
"Catch" barrel



"bait table"

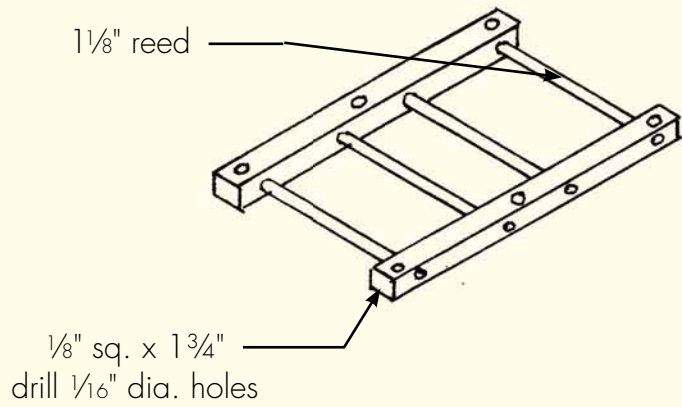


Pot buoy

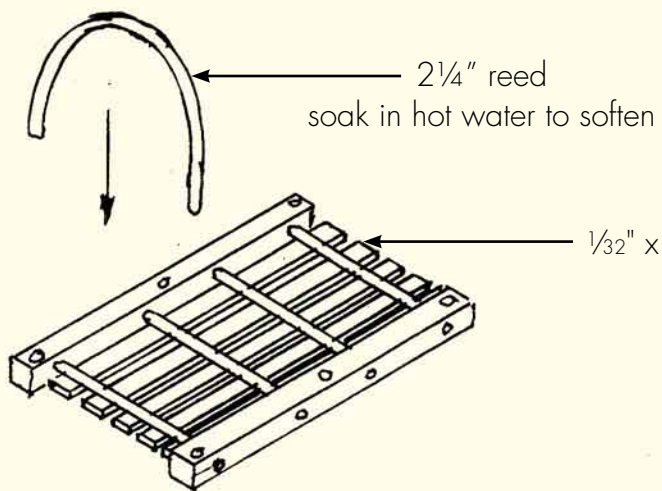


Composite View

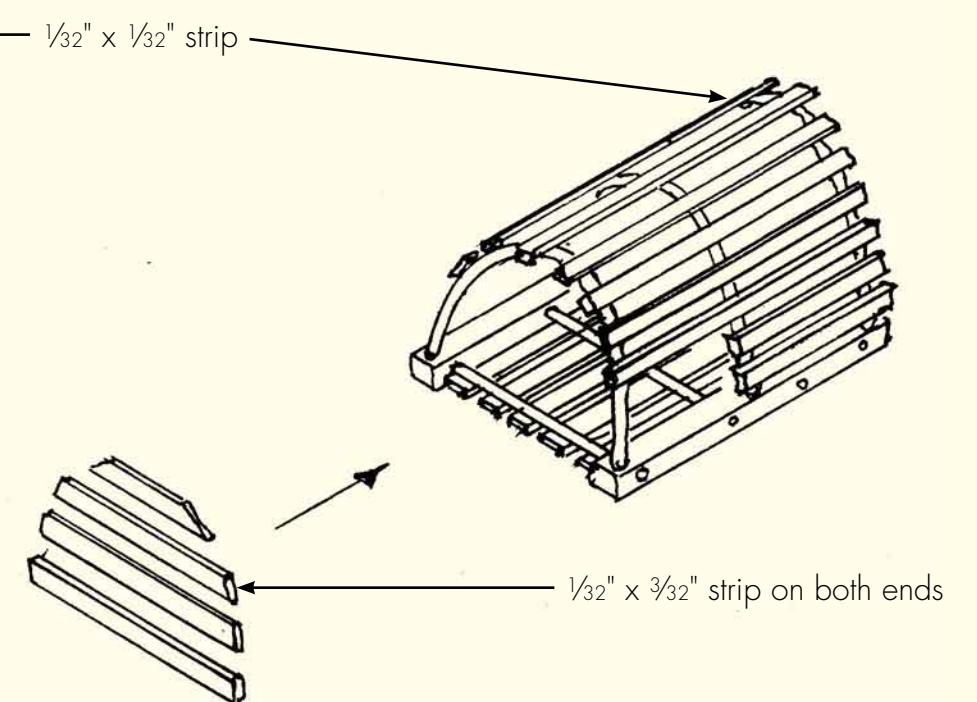
Step 1



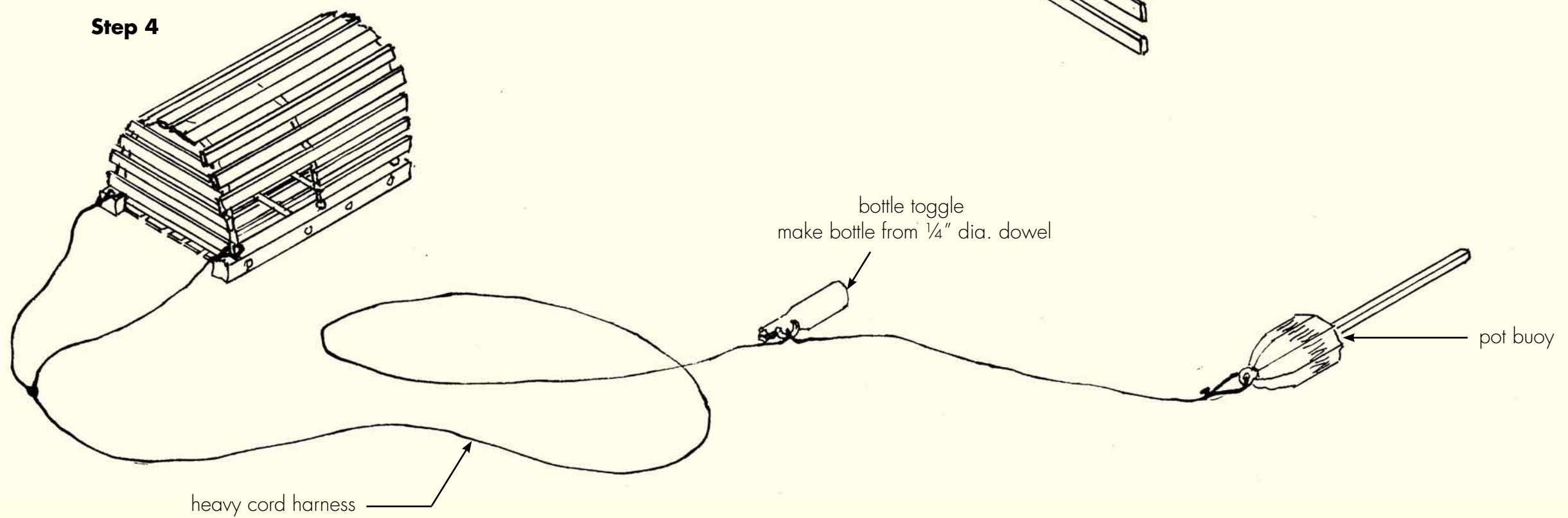
Step 2



Step 3

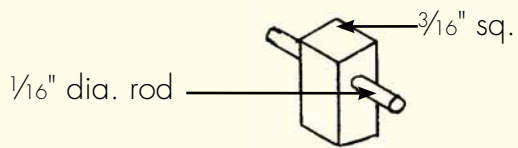


Step 4



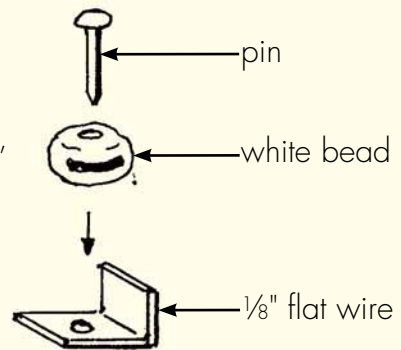
DETAILS

Fore bitt



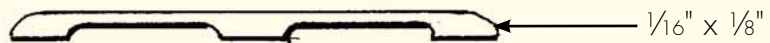
paint right side green,
left side red

Running lights

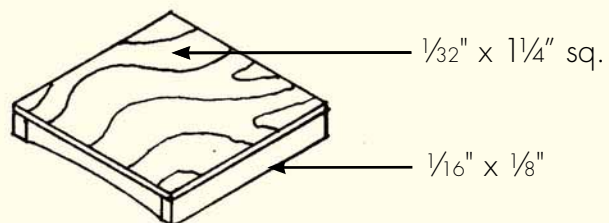


Hand rail

make 4



Hatch



1:20.3-scale lobster boat (waterline model): Part 2

by Ted Stinson | Wiscasset, Maine



ead

wire

First, make the forebitt from $\frac{1}{4}$ "-square stock. This should be painted white. Now drill a $\frac{1}{16}$ "-diameter hole for a brass rod. When done, glue this in place on the foredeck.

Make the running light from a white E-bead and flat wire. Once this is glued in place, paint a red stripe along the top of the bead and a green stripe along the right side.

Make four handrails according to the plan. These should be given a natural finish with clear lacquer. When done, they can be glued in place on the cabin and shelter roof.

Make the hatch from $1\frac{1}{4}$ "-square plywood and $\frac{1}{16}$ " x $\frac{1}{8}$ " stripwood. Finish this in the same way as the handrails and glue it in place on the cabin roof—refer to the plan for the exact location.

Make the exhaust from a $\frac{1}{8}$ "-diameter dowel and give it a coat of clear lacquer. When it's dry, paint it flat black. Drill through the shelter roof, first drill a small hole (about $\frac{1}{16}$ " diameter), then open it up to $\frac{1}{8}$ " diameter with a sharp drill. In any way you can get the proper-size hole without splintering the roof. When done, glue the exhaust in place.

Now, using the cross-section at F2 as a guide, make the range light on the shelter roof. This should be fitted with a $\frac{1}{8}$ "-diameter hole in the shelter roof.

Fit and glue the steering wheel in place. The wheel shown on the plan (an early brake wheel) or a proper steering wheel are both typical for boats of this size.

The pot hauler is made from two washers and bits of dowel. It fits on a square piece of $\frac{1}{16}$ " stock. When done, glue it to the combing just under the shelter roof.

Now make the pot-hauler davit (or crane). Use $\frac{3}{32}$ "-diameter aluminum tube. Drill $\frac{1}{32}$ "-diameter holes for two cotter pins. One cotter pin will hold the snatch block (which can be purchased from a model-boat fitting supplier or fabricated from brass). The other will need to be threaded through the end of the chain before it is glued in place. The other end of the chain will be attached to a cotter pin set in the deck (see plan side view).

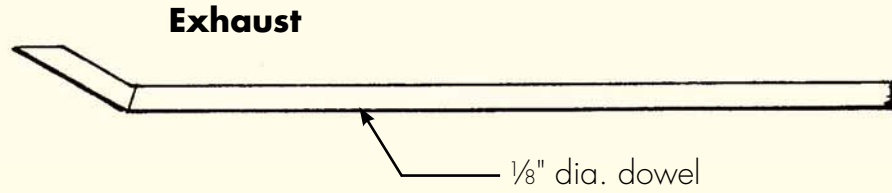
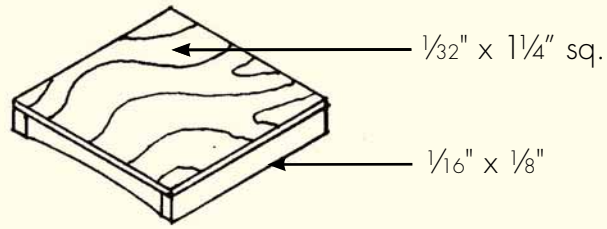
Make the mast and steadying sail. The mast and boom should be given a natural finish before fitting the sail.

$\frac{1}{8}$ "

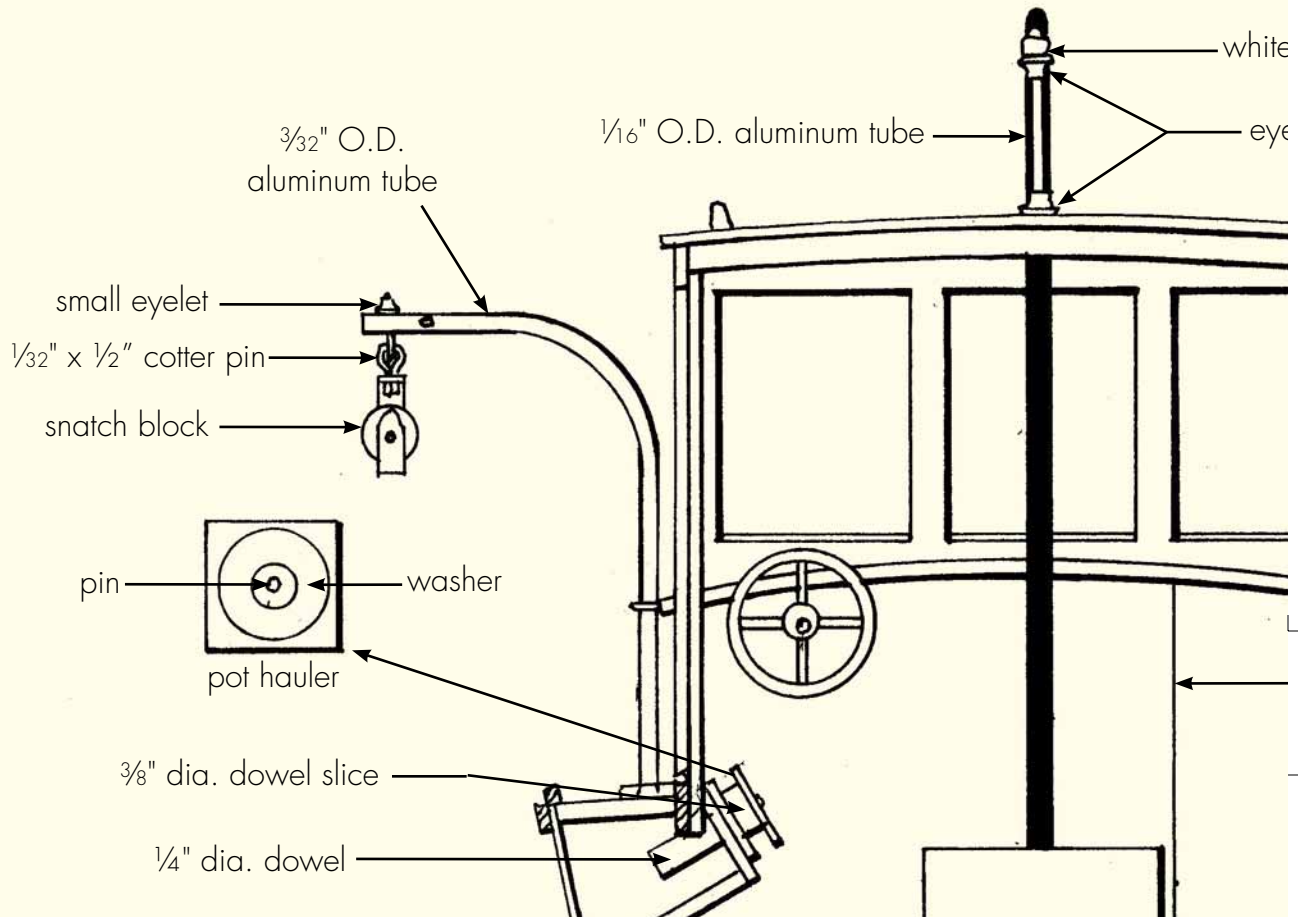
Plan set #77-B



drill a $\frac{1}{16}$ "-diameter hole for the $\frac{1}{16}$ "-diameter
lace, paint a red stripe along the left side of the
sh with clear lacquer. When these have dried,
in the same way as the handrails, then glue it
: When it's dry, paint it flat black. To run this
up to $\frac{1}{8}$ " diameter with a small rattail file. That
the exhaust in place.
roof. This should be fitted and glued in a $\frac{1}{16}$ "-
ly brake wheel) or a proper six-spoke steering
piece of $\frac{1}{16}$ " stock. When finished, it should be
rill $\frac{1}{32}$ "-diameter holes for the cotter pins. One
fitting supplier or fabricated from wire), while
—place. The other end of the chain will be fitted
I finish before fitting the sail in place.



Cross section looking forward at F2



The pot hauler is made from two washers and bits of dowel. It fits on a square piece of 1/16" stock. When first glued to the combing just under the shelter roof.

Now make the pot-hauler davit (or crane). Use 3/32"-diameter aluminum tube. Drill 1/32"-diameter holes for two cotter pins. One cotter pin will hold the snatch block (which can be purchased from a model-boat fitting supplier or fabricated; the other will need to be threaded through the end of the chain before it is glued in place. The other end of the chain is attached to a cotter pin set in the deck (see plan side view).

Make the mast and steadying sail. The mast and boom should be given a natural finish before fitting the sail.

Sail making

Make the sail from Ripstop nylon (available from fabric stores). Tape the cloth over the plan with the thread of the cloth following the seam lines on the sail plan. Trace the details of the sail on the cloth with a #3 pencil. When done, turn the cloth over and repeat the process on the other side of the cloth. Tape the edges of the sail on both sides with masking tape (the sticky side of the tape facing the sail). Cut the sail out with a fresh, sharp, #11 knife blade. Using a small, pencil-type soldering iron, poke small holes in the corners of the sail. This is delicate work, so make a few test holes in scrap sailcloth to see how much pressure is required.

Fit the sail to the mast and boom before setting the mast in place. Run a short length of twisted wire from the boom to the mast. Use a cotter pin set in the shelter roof. Use short lengths of 1/16" aluminum tube to make loops in the ends of the wire. When the wire has been run back through the tubing, it can be pinched and filled with glue.

Make a "catch barrel." This is kept full of fresh sea water, with a short overflow tube that runs off to the side of the boat. This is located to the rear of the cockpit and is used to rebait the traps when they are being pulled. Make several of these barrels as you will need. At least one is mounted on the shelter roof to show the lobsterman's colors.

Lobster pots

You can make as many lobster pots (traps) as appeals. The dimensions shown are for a 1:20.3-scale model, for this boat. The only optional part is the "toggle," which can be left off, if desired.

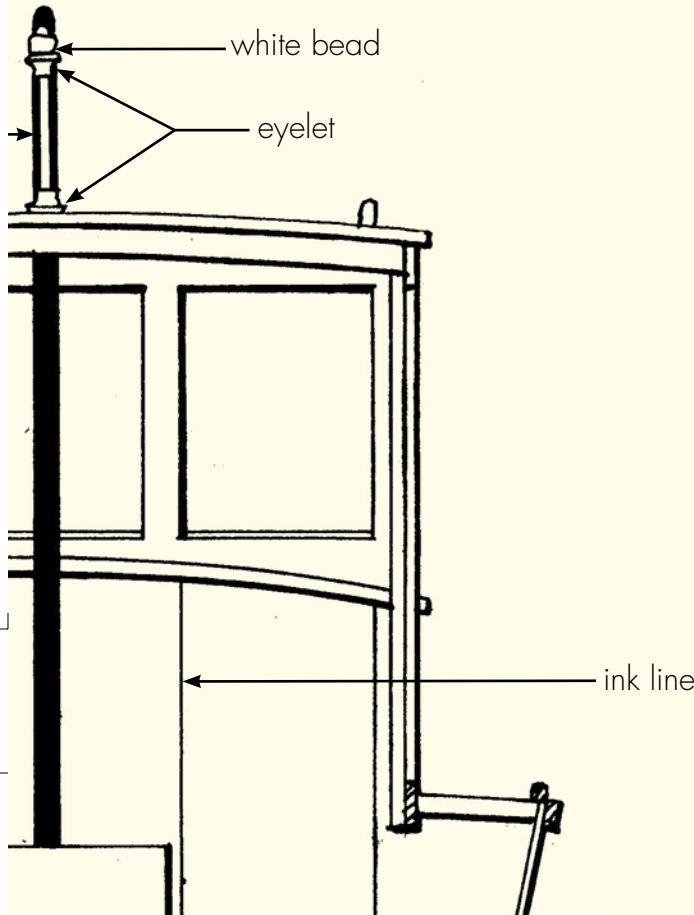
* * *

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rd at F2



Are you working in a different scale?

- If you are working in 1:32 scale, reduce these drawings to 63%
- If you are working in 1:29 scale, reduce these drawings to 70%
- If you are working in 1:24 scale, reduce these drawings to 83%
- If you are working in 1:22.5 scale, reduce these drawings to 89%
- If you are working in 16mm scale, enlarge these drawings to 143%
- If you are working in 1:13.7 (7/8") scale, enlarge these drawings to 214%

piece of 1/16" stock. When finished, it should be

drill 1/32"-diameter holes for the cotter pins. One fitting supplier or fabricated from wire), while in place. The other end of the chain will be fitted

1 finish before fitting the sail in place.

Turn the plan with the thread running parallel to the pencil. When done, turn the sail over and repeat with masking tape (the sticky type). Then, cut with an iron, poke small holes in the sail for the rigging. Much pressure is required.

Length of twisted wire from the mast, forward to the loops in the ends of the wire. Once the wire

tube that runs off to the side. Make a bait table when they are being pulled. Make up as many pots as Sterman's colors.

Use for a 1:20.3-scale model, which is correct for

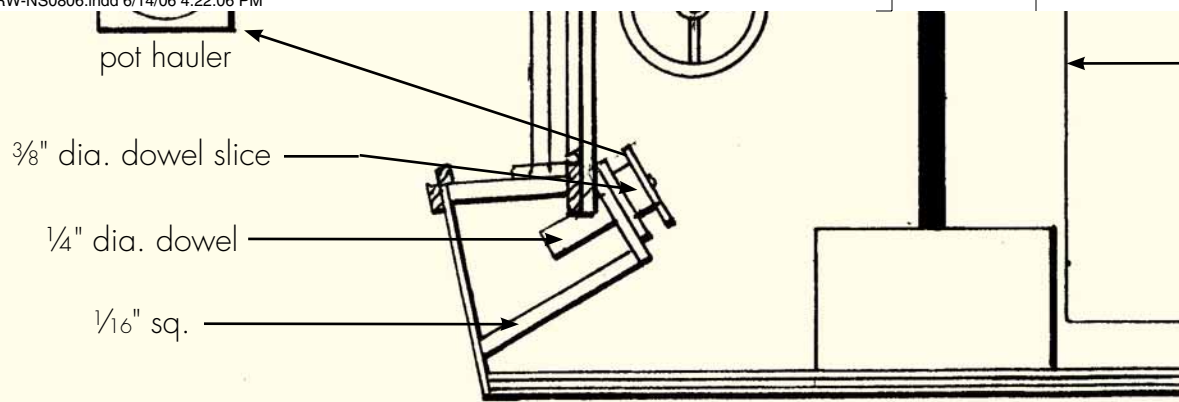
While supplies last, extra copies of these drawings, PO Box 460222, Denver CO 80246 USA. Stamp, self-addressed envelope to the above

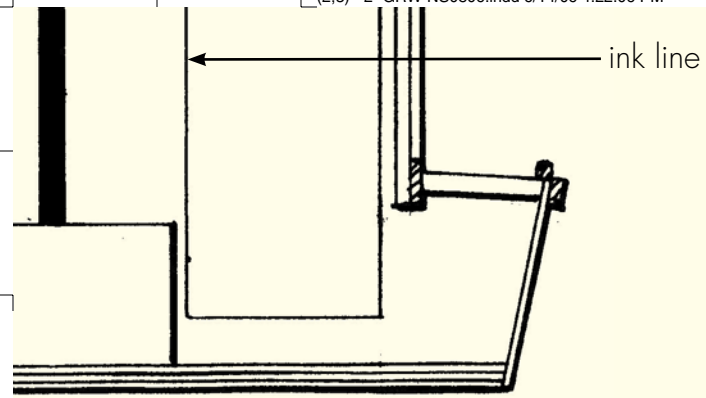
Northwest Narrow Gauge for \$50 + \$8 s&h. Order from emodel.com

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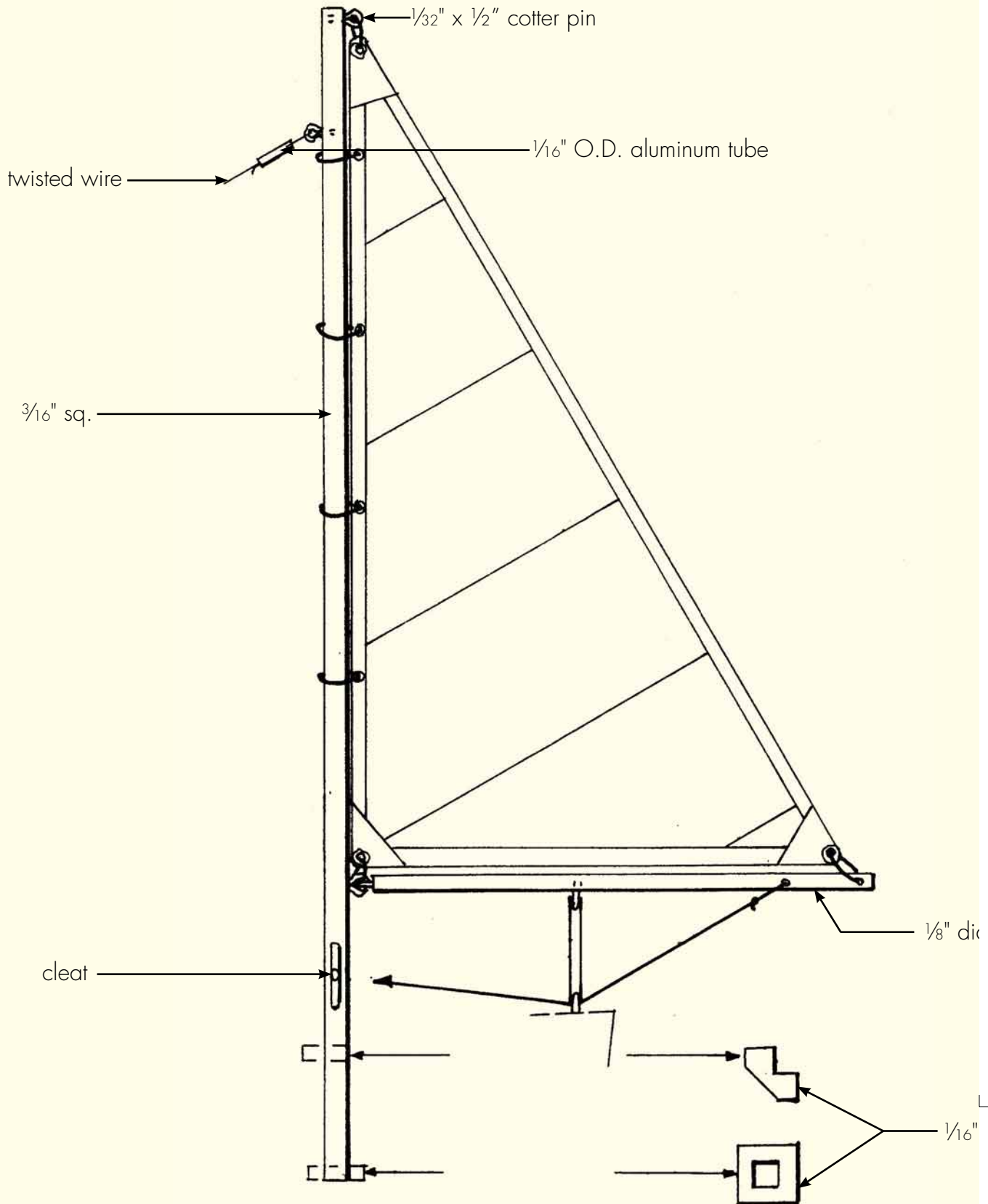
Print scale?

- reduce these drawings to 63 %.
- reduce these drawings to 70 %.
- reduce these drawings to 88 %.
- if you reduce these drawings to 90 %.
- if you enlarge these drawings to 107 %.
- if you enlarge these drawings to 148 %.

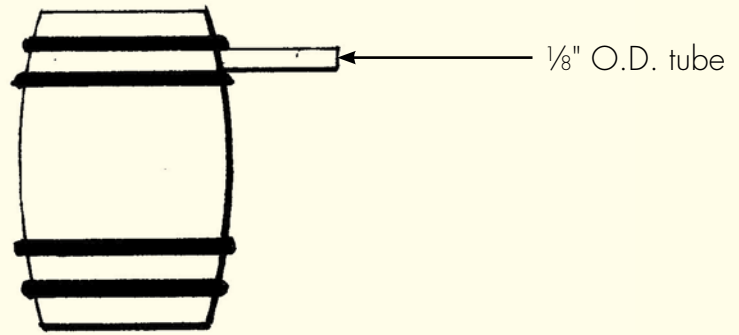




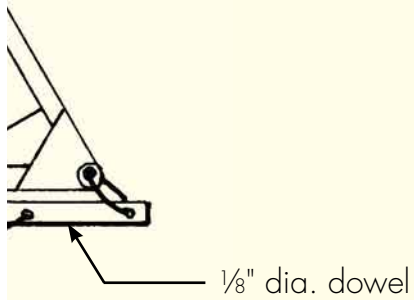
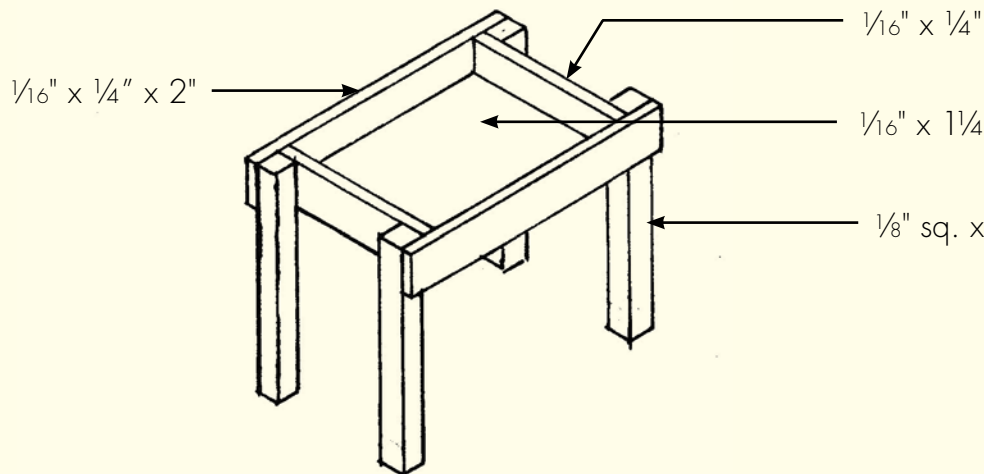
Steadying sale



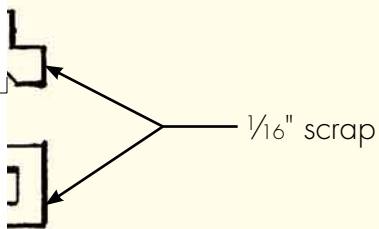
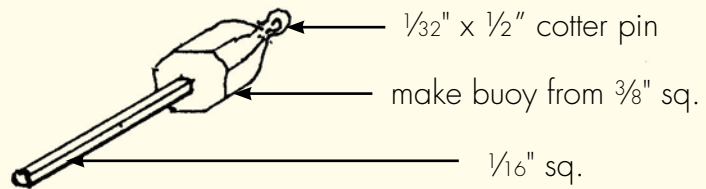
"Catch" barrel



"bait table"



Pot buoy



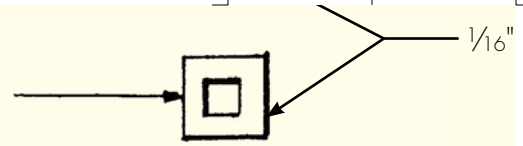
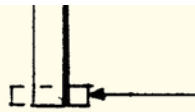
O.D. tube

————— $\frac{1}{16}$ " x $\frac{1}{4}$ " x $1\frac{1}{4}$ "

————— $\frac{1}{16}$ " x $1\frac{1}{4}$ " x $1\frac{3}{4}$ "

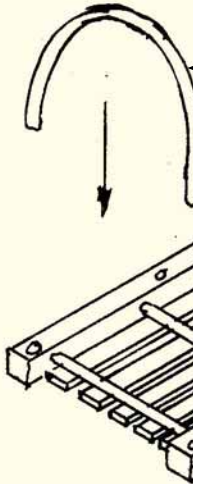
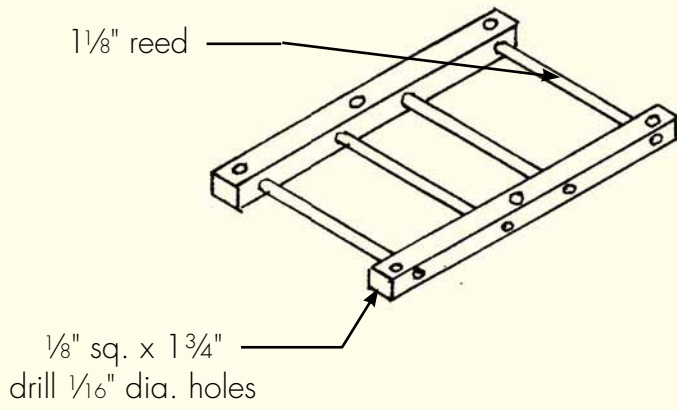
————— $\frac{1}{8}$ " sq. x $1\frac{1}{2}$ "

_sq.

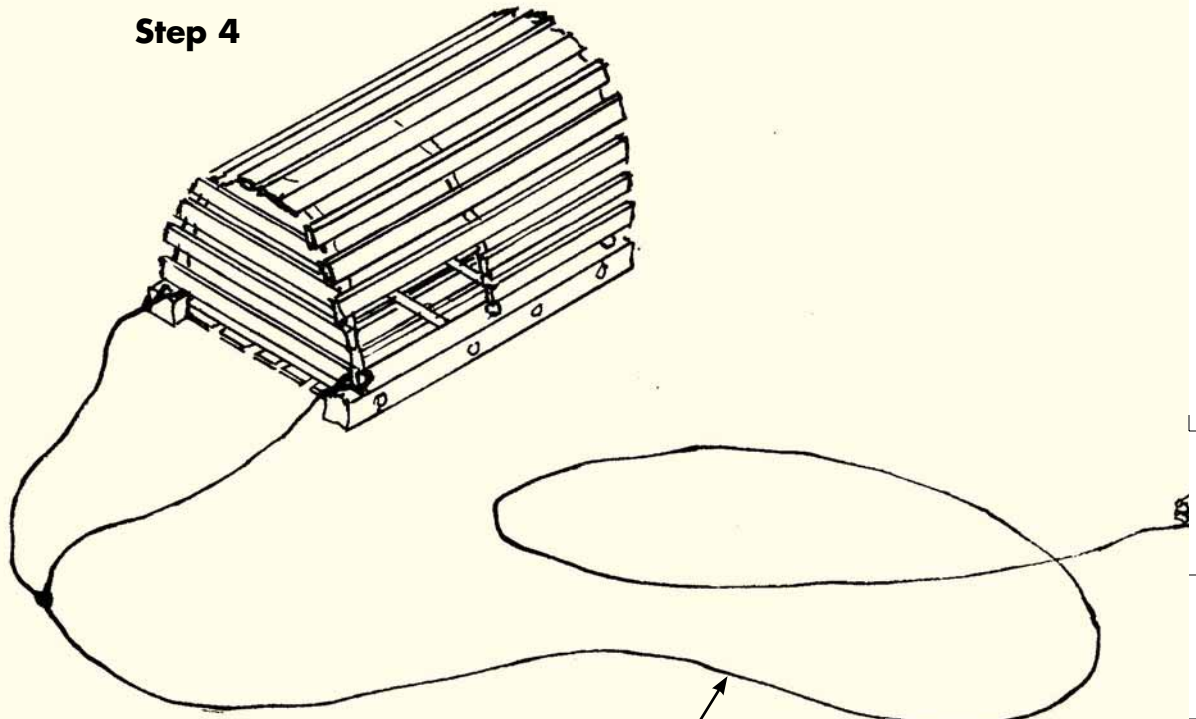


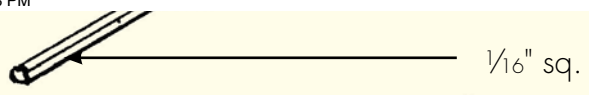
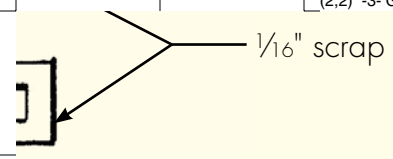
Step

Step 1



Step 4

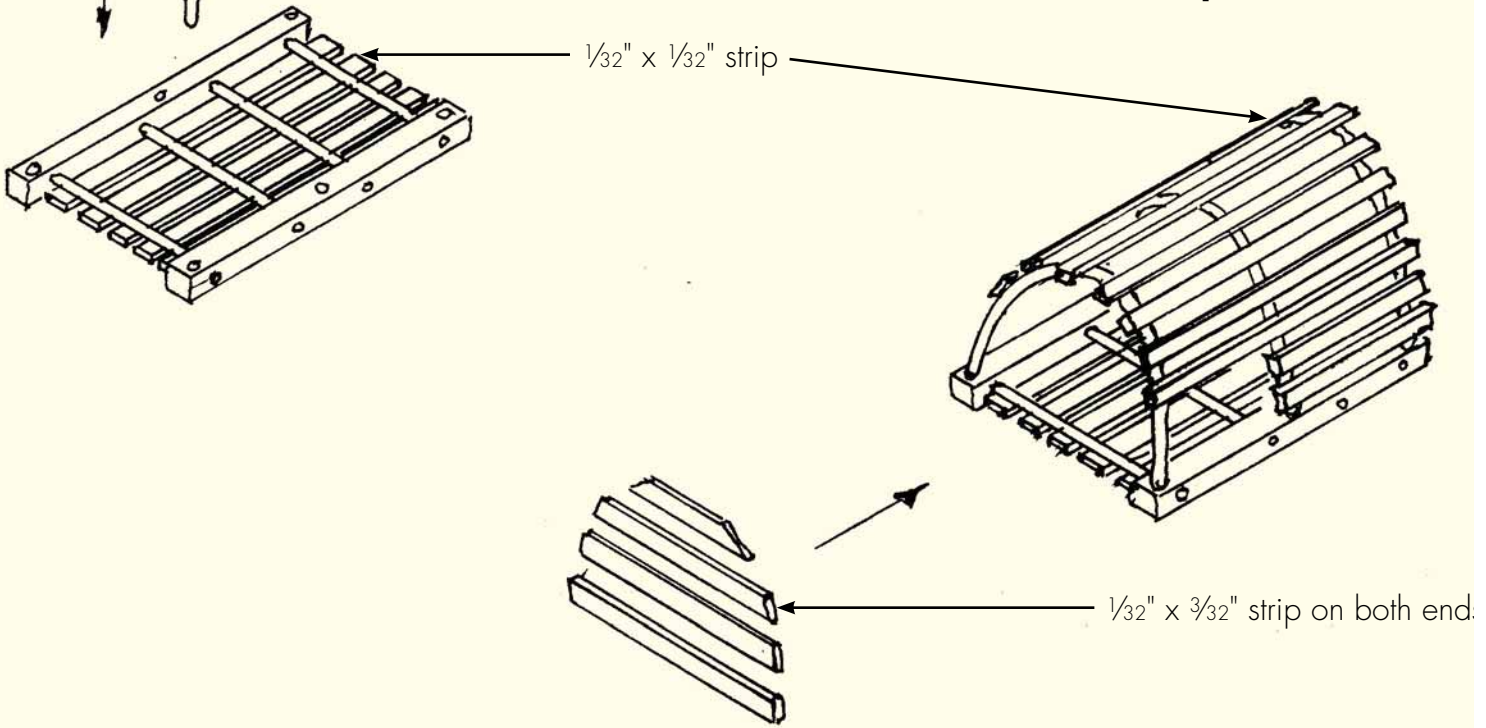




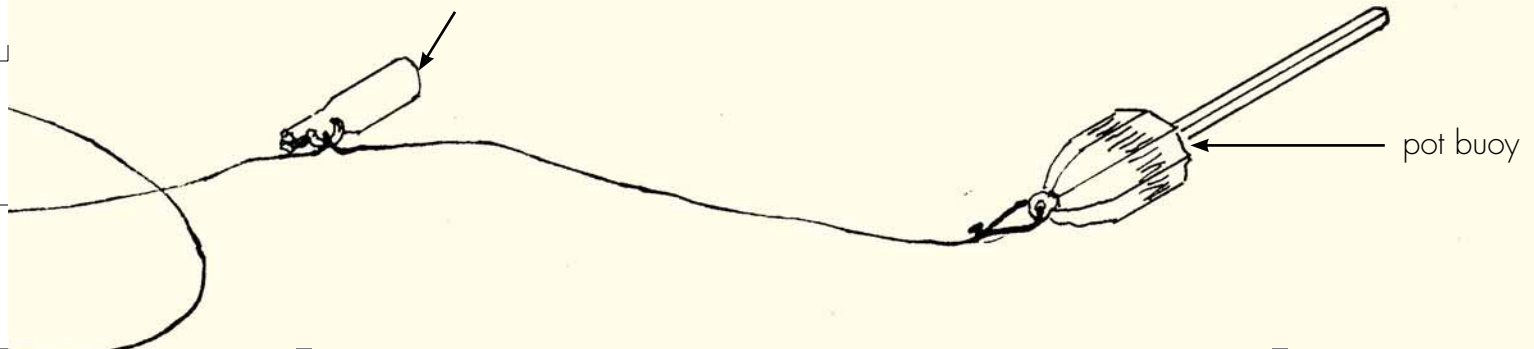
Step 2



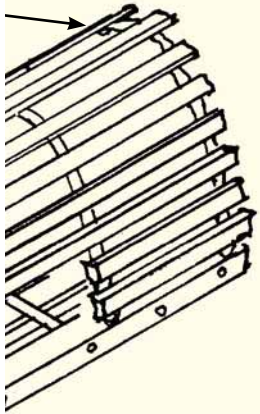
Step 3



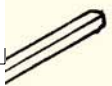
bottle toggle
make bottle from 1/4" dia. dowel



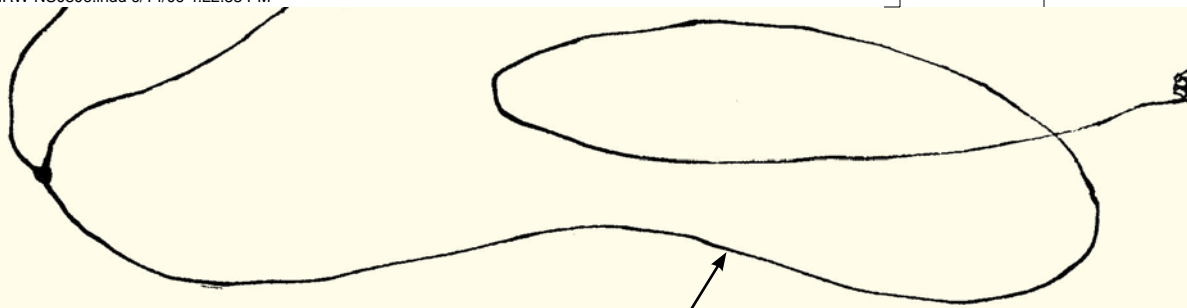
ep 3



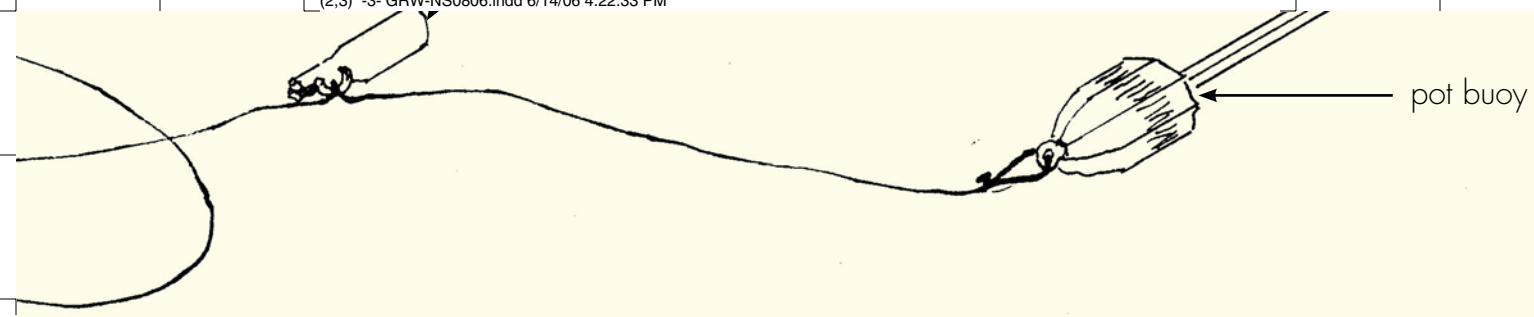
$\frac{3}{32}$ " strip on both ends



— pot buoy



heavy cord harness



— pot buoy

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