

USING SANDPAPER

Have you ever built anything out of wood? Living in the woods, a lot of what we have is made from wood. One of the important things to know, if you are working with wood, is how to smooth it out. Wood can be rough and can give you splinters. But with sandpaper, it can become a whole different thing.

FLIP OVER FOR YOUR NEXT CHALLENGE



EARN THIS NUGGET

You are going to make a seed planter, see additional pages.

First, let's look at the different types of sandpaper:

Generally, sandpaper is no longer made out of sand glued to paper, but the principle is the same. Aluminum oxide is probably the most common paper for woodworking.

Now, there are different grades, or "grits" of paper. The higher the grit number, the smaller the grains on the paper. So if you imagine the lower the number gets, the coarser the sifter that is used to separate grains. And so the larger grits that fall on the paper.

To sand, you'll generally use three grades. A coarse grade (perhaps around 50) to really rough out and shape. Then once that has made the surface consistent you'll use a medium (around 100). And finally, a fine grit (up to 600) will really make that surface super smooth to the touch.

When using the sandpaper, you can simply hold the sandpaper with your hand. But very often, wrapping the sandpaper around a cork, plastic block, or similar item is very helpful. These are sold in the same DIY stores as the sandpaper itself.



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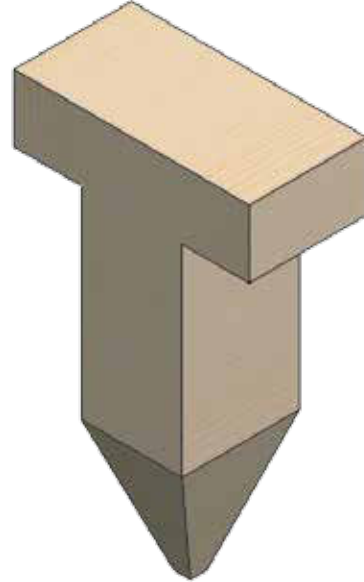
TEMPLATE



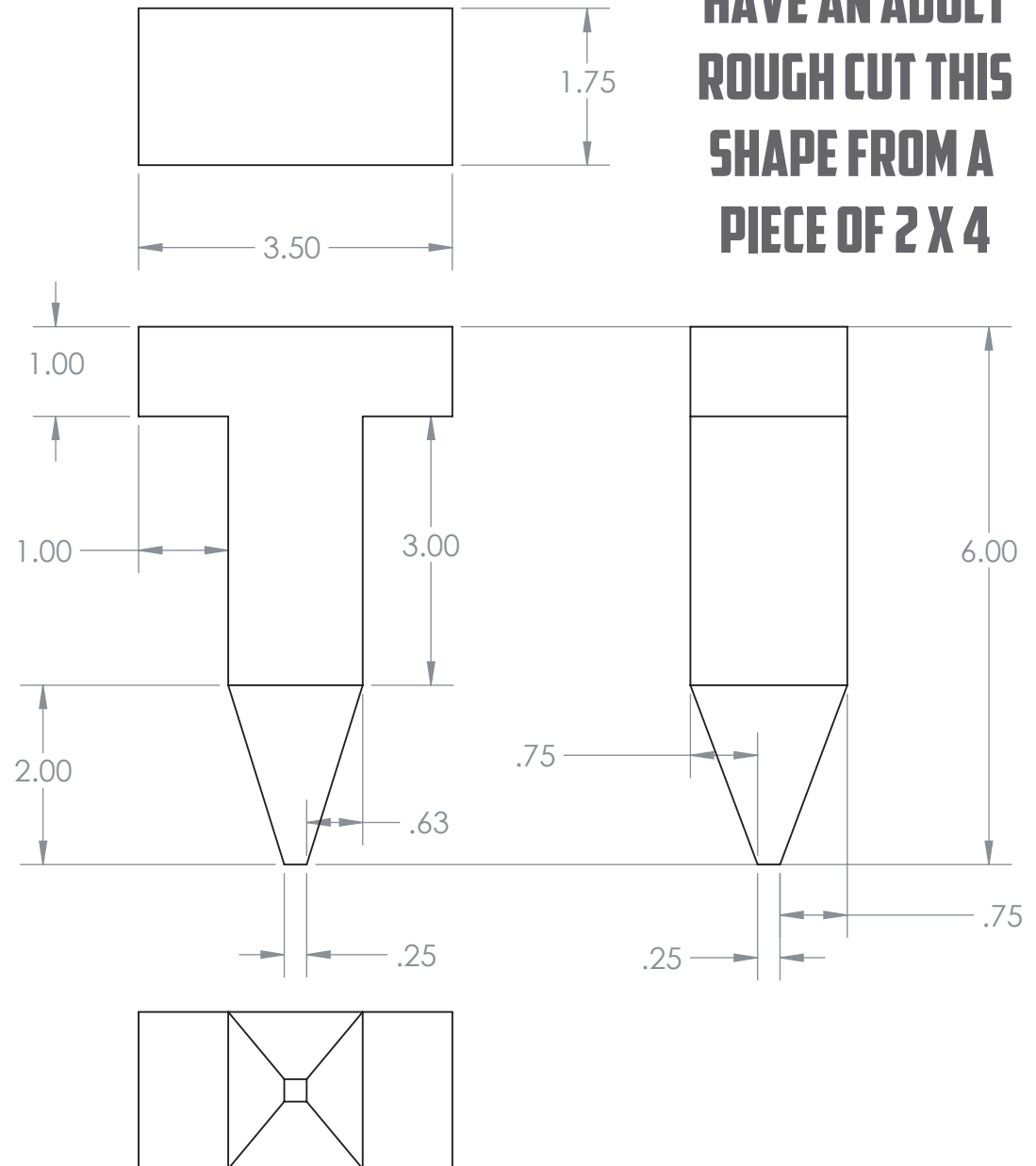
- Follow the pattern included in this package and roughly saw the shape shown. You may need an adult to help you with that, at the very least have parental supervision.
- After that, you will use sandpaper to rough out the final shape, including creating a smooth point with the coarse sand paper.
- The final piece should feel beautifully smooth to the touch after working up to your fine sand paper.



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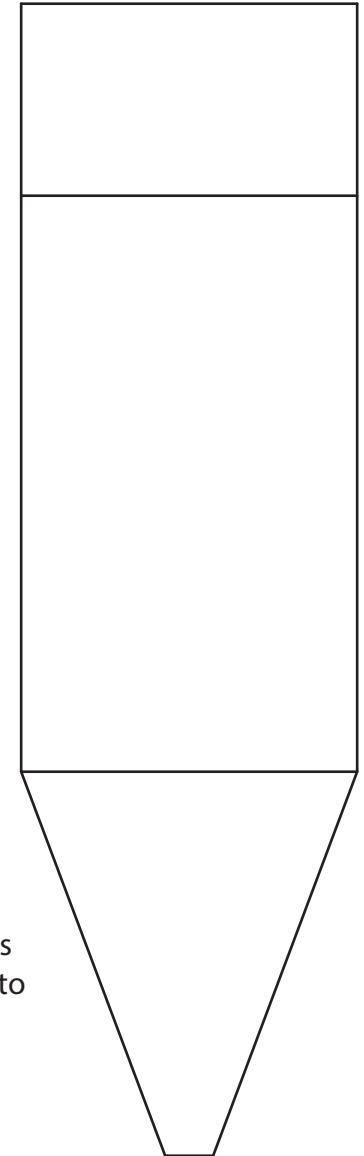
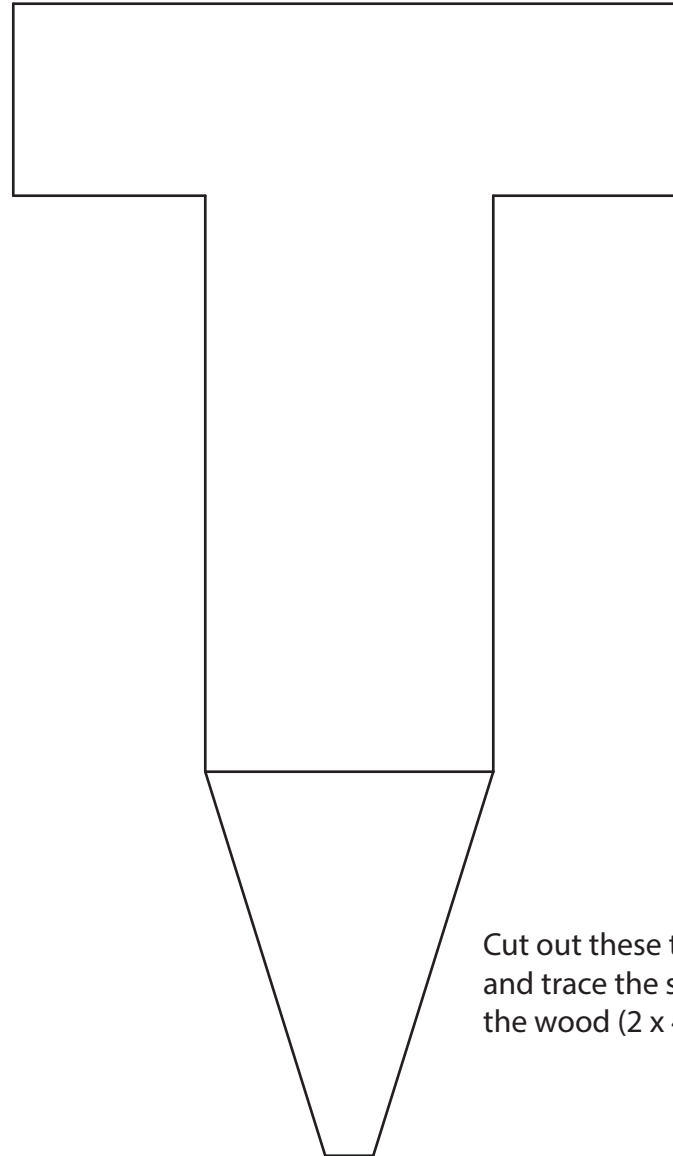
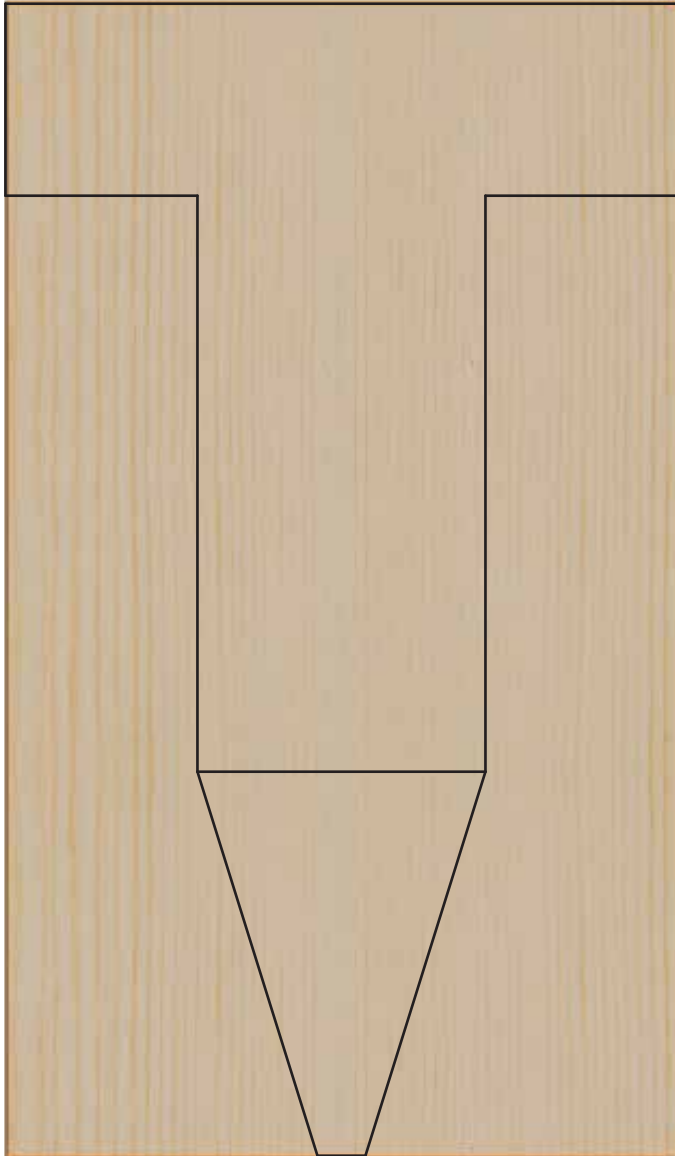


**HAVE AN ADULT
ROUGH CUT THIS
SHAPE FROM A
PIECE OF 2 X 4**



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TEMPLATE



Cut out these templates
and trace the shape onto
the wood (2 x 4).