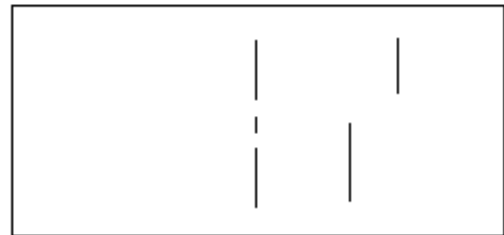
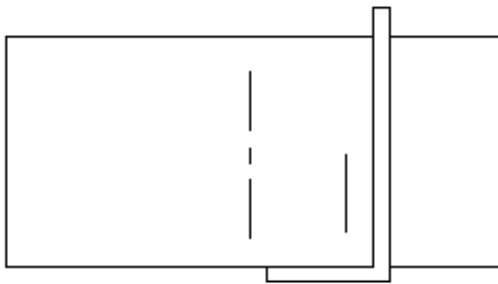


## **Rib Layout Guide**

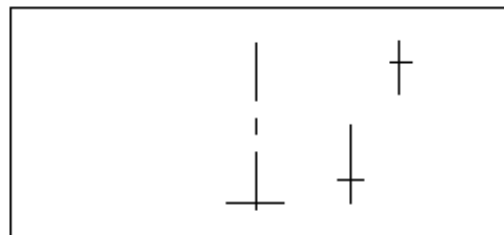
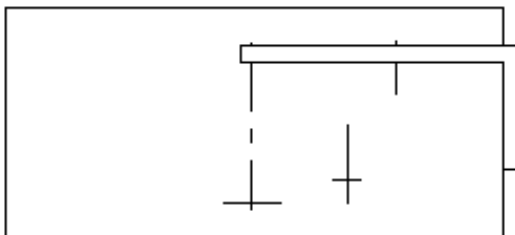
I've had a few people confused about how to determine the shapes of ribs from the drawings thinking they needed the angles, so I thought I'd put together this handy how-to guide to show you the easiest way to lay out Spira International framed boat ribs.

To begin with you need a plywood board on which to lay out your ribs. Make sure the ply has square and parallel edges. You'll also need a framing square and measuring device of some sort. I have a 4' aluminum scale (like a yardstick) but you can get by with a tape measure. Some guys just draw right on the plywood, others prefer to use a sheet of butcher paper on the board.

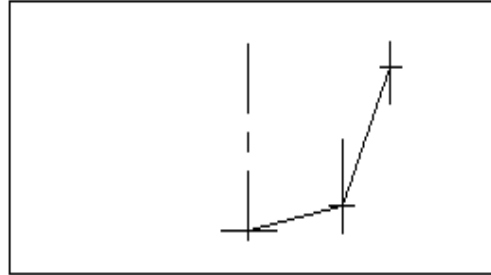
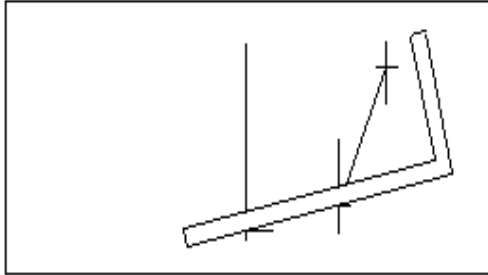
First you draw a centerline to work from, then measure off the horizontal distances just as they are specified on the drawings and using the framing square, draw vertical lines through these measured points.



Next draw a perpendicular baseline from which you measure the vertical distances as shown on the drawings. Then use your framing square to scribe horizontal lines through those points that intersect the vertical lines determined above.



Finish off the frame drawing with lines connecting the locations Repeat for the other side as well.



Use this drawing to mark and cut out the frame elements as shown on the drawings.

