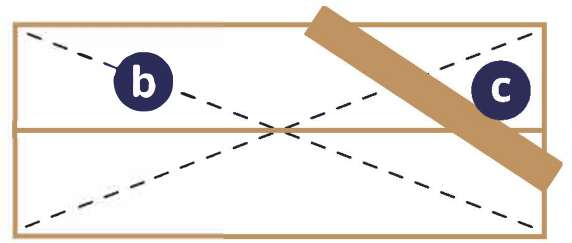
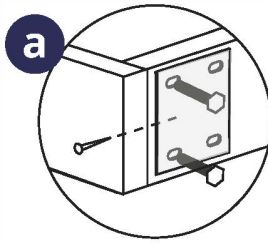


# HOW TO BUILD A WOODEN DOCK

## in 4 steps

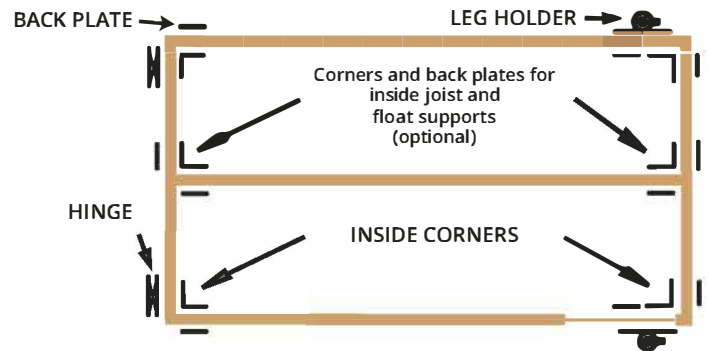
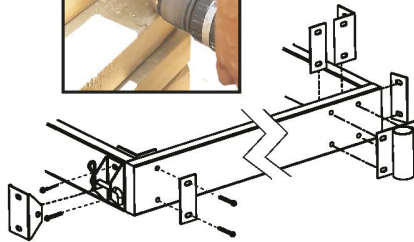
1

For a floating dock, start assembling the dock upside down so you can easily install the floats in step 3. Arrange the sides and ends of the base structure (and the interior reinforcements if necessary) and screw them in place. The screws should not be aligned with the holes you will make for the hardware **a**. Check the squareness by measuring the 2 diagonals. They must be within  $\frac{1}{8}$ " of difference in length **b**. Secure in position by temporarily screwing a board on the structure **c**.



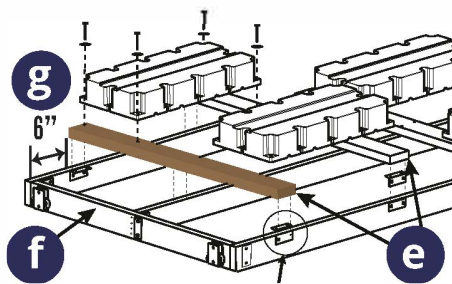
2

Starting with corners, align the parts, mark the holes with a pencil **d**, drill and install the hardware with the bolts. Note that parts may vary from the drawing. For a stationary dock, continue with step 4-B.



3

Arrange the float supports (2" x 6" boards) **e** and floats on the structure **f** to determine their positions. Leave +/- 6" of spacing with the main structure to allow further manipulations **g**. Mark the locations of the float brackets on the structure and those of the floats on the supports. Remove the floats, bolt the float supports with brackets and secure the floats using lag screws and large flat washers. You can also use bolts with lock and flat washers.



OPTIONAL CORNERS TO STRENGTHEN SQUARENESS

4

- A** For a floating dock, before installing the decking, you will need help to flip the structure over, carefully, without hurting yourself.
- B** Reconfirm squareness (see step 1). Screw the decking starting at one end of the dock section and cutting the second to last board width according to the remaining space. Screw the planks into the outer and inner beams **h**.

