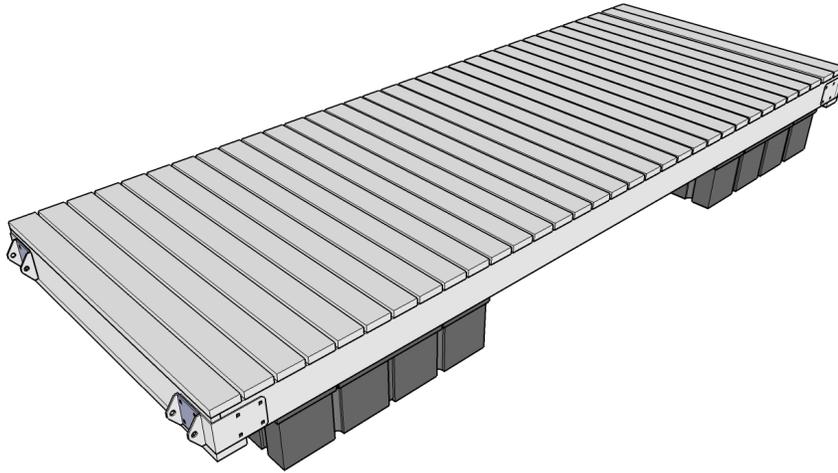
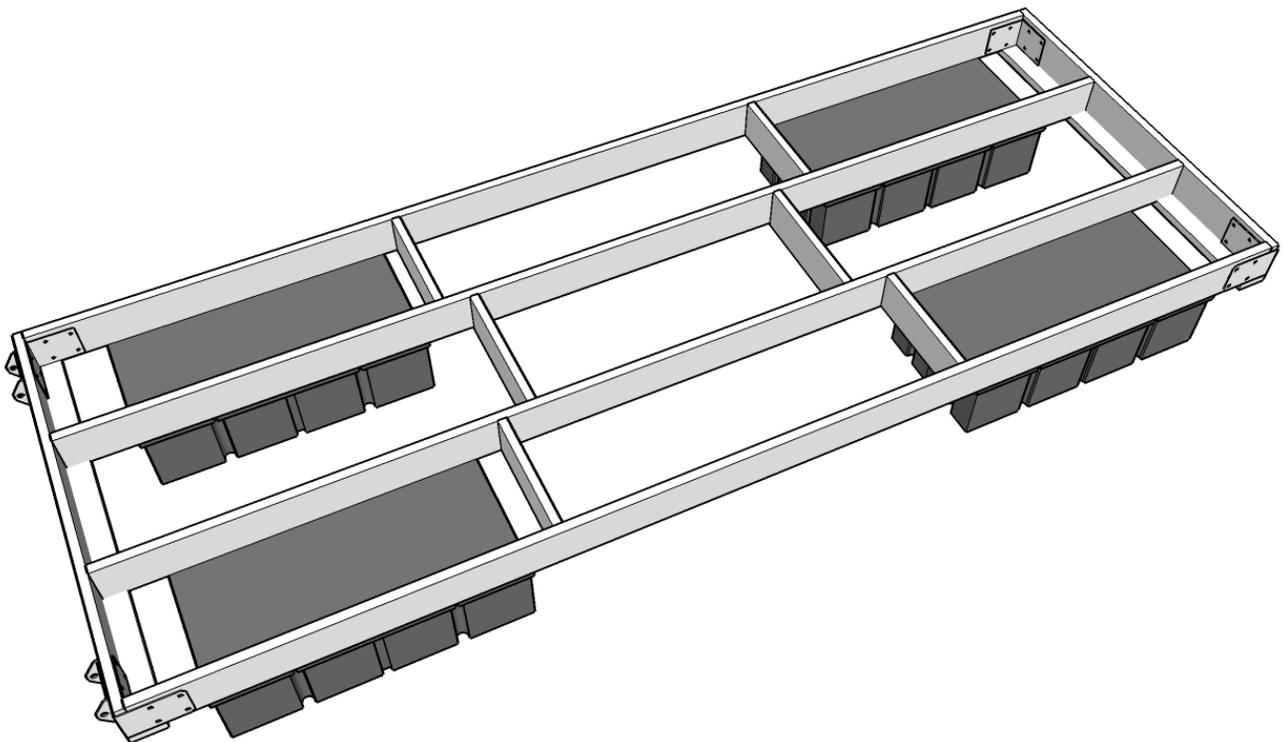


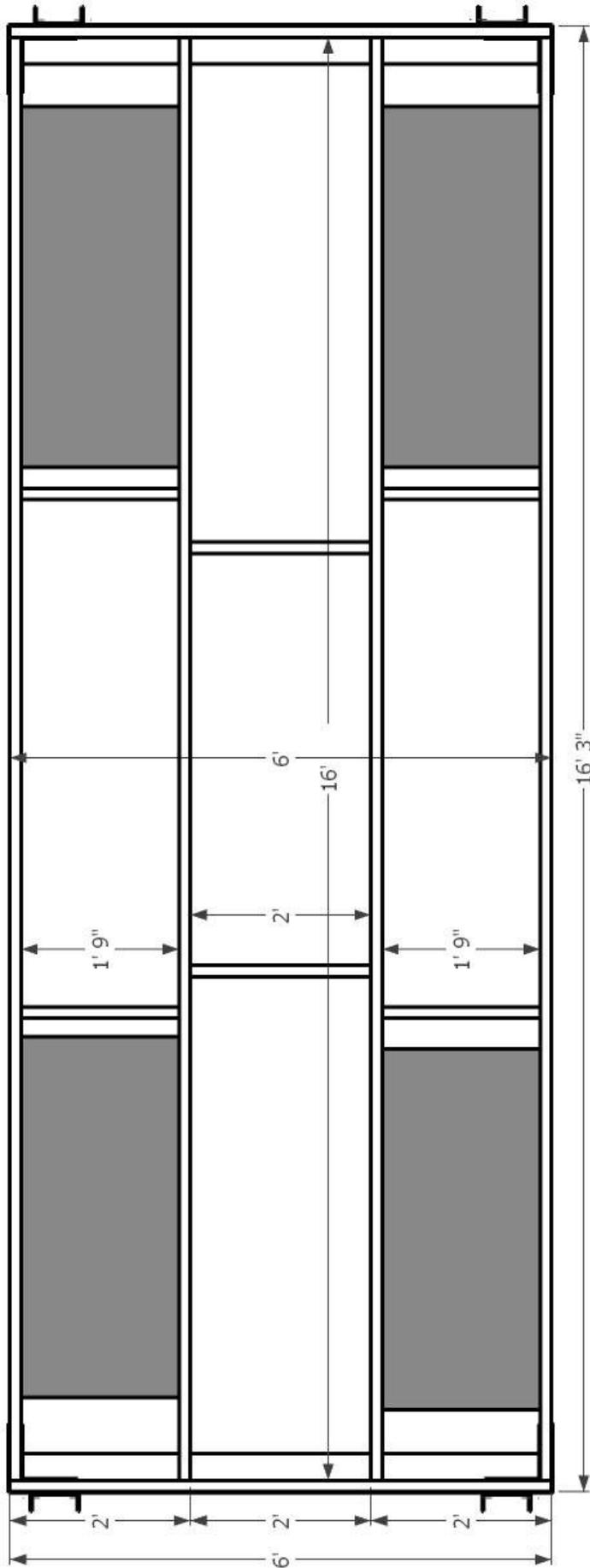
ONEC Docks

As built in 2008



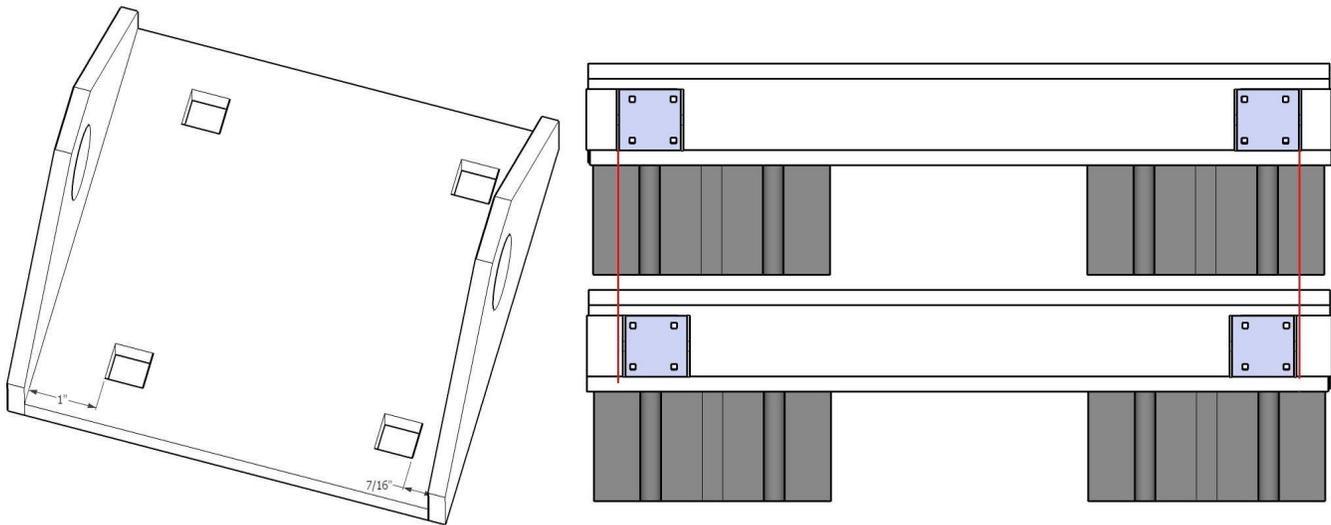
The docks built in 2008 differ slightly from the manufacturer's instructions. The stringers and headers were not cut down so the docks are 16'3" long and 6' wide, the hinges add another 3". Also 2x6x6' were added underneath the ends for added strength - they can be seen in the following drawing.





Hinges

The hinges are punched off centre so it is important when they are installed that they are installed correctly. If the hinges on one end are installed with the long sides towards the outside and on the other end with the long sides on the inside then the docks can be easily chained together. Some of the docks built in 2008 don't have the hinges installed this way.



Pins

The pins supplied are $\frac{3}{4}$ " OD (outside diameter) and plastic bushings are supplied for the 1" holes in the hinges. These bushings do not work and need to be replaced.

Polypropylene pipe, $\frac{3}{4}$ " (1" OD) available from Rona for about 35 cents/foot, can be used, the only problem is movement between the poly pipe and the pin during insertion so the hole for the cotter pin is made after installation. Cut a ~11" length and slip it over the pin, a heat gun (hair dryer) will make it easier to get it around the bend in the pin. Trim off the excess at the other end - leaving about $\frac{1}{4}$ " overhang. This overhang, especially if it is shrunk down a little over the end with a heat gun, will make it easier to feed through the hinge's four holes. After the pin is in place in the hinges make a hole in the poly pipe for the cotter pin. Create the hole by hammering a large nail, about 3" long, through it. The cotter pin hole is $\frac{1}{2}$ " from the end of the pin so it is relatively easy to locate where it should be made.

The cotter pin is not likely to fall out but a plastic tie wrap should still be used as insurance.

Galvanized water pipe, $\frac{1}{2}$ " which has a OD of $\frac{3}{4}$ ", can be used as pin

replacement. A long bolt through the pipe with large washers at the ends might be the best solution.

Pressure treated wood required:

Quantity	Description	
4	2" x 8" x 16'	Stringers
2	2" x 8" x 6'	Headers
4	2" x 8" x 21"	Braces
2	2" x 8" x 24"	Braces
2	2" x 6" x 6'	Underside braces
33	2" x 6" x 6'	Decking

