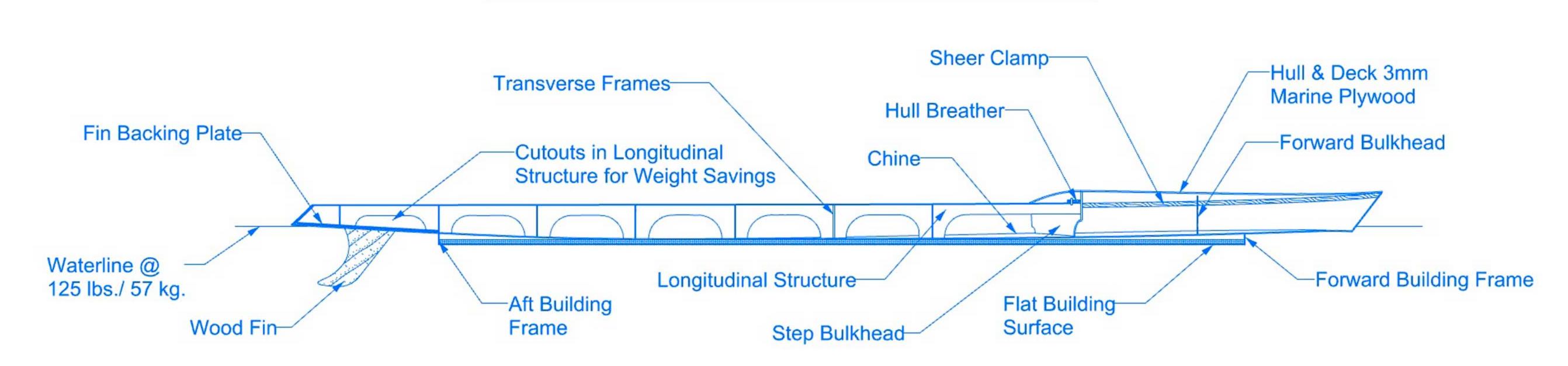
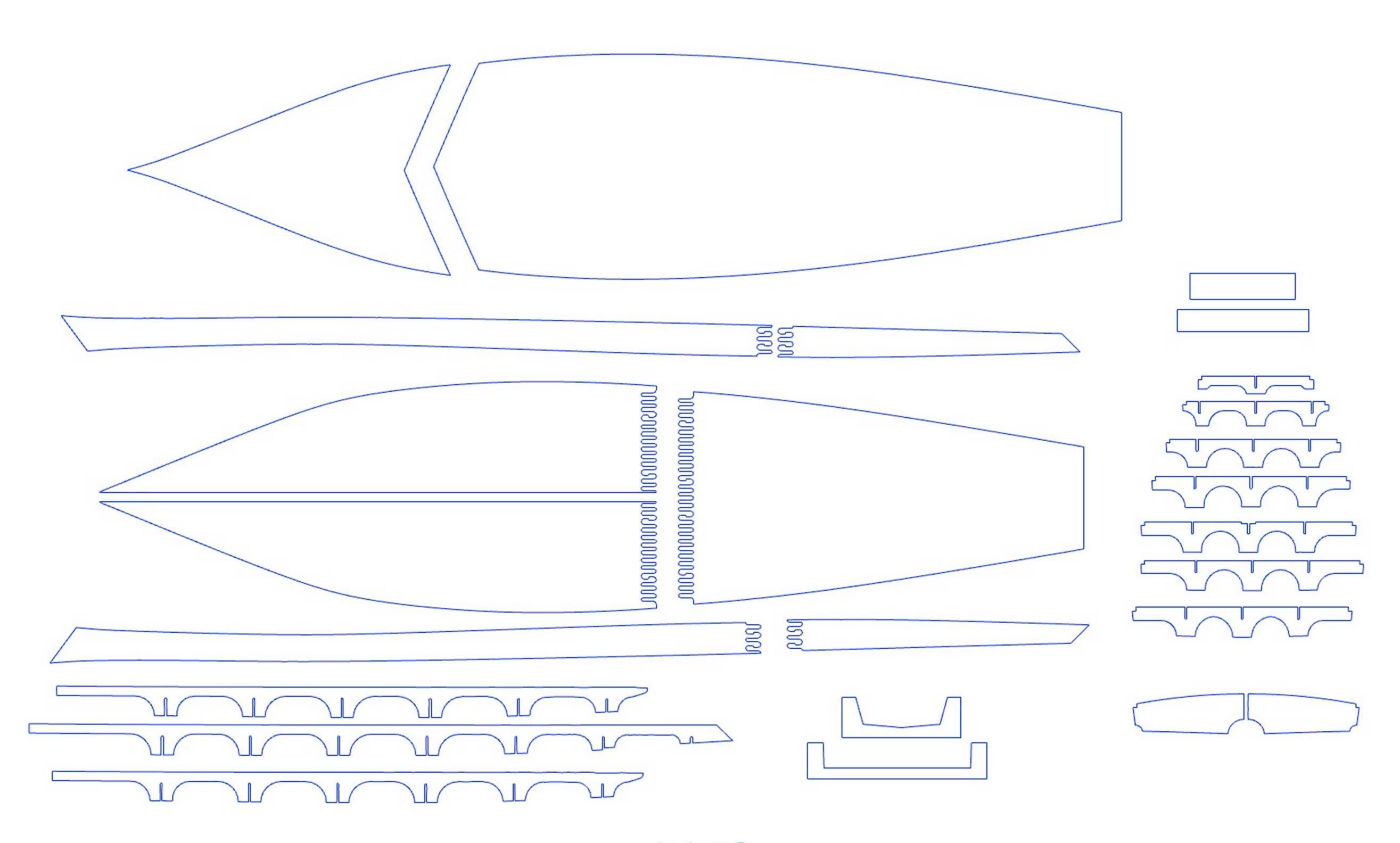
CONSTRUCTION PROFILE



CNC CUT KIT PIECES



KITS

Paddleboard kits are made up mainly of CNC cut parts due to the way in which they are constructed, the other items that will be found in a kit are:

Wood for the sheer clamps, transom framing and hull breather

Epoxy & hardener w/ metering pumps

Wood flour to thicken the epoxy for gluing

Wire for stitches

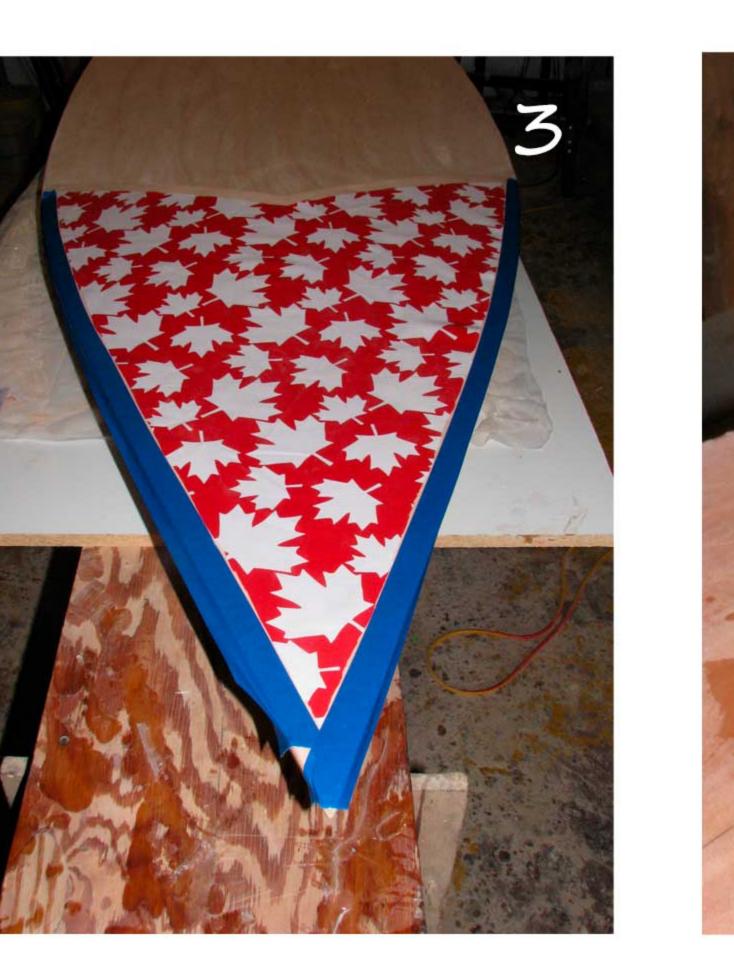
Boat cloth for sheathing the hull

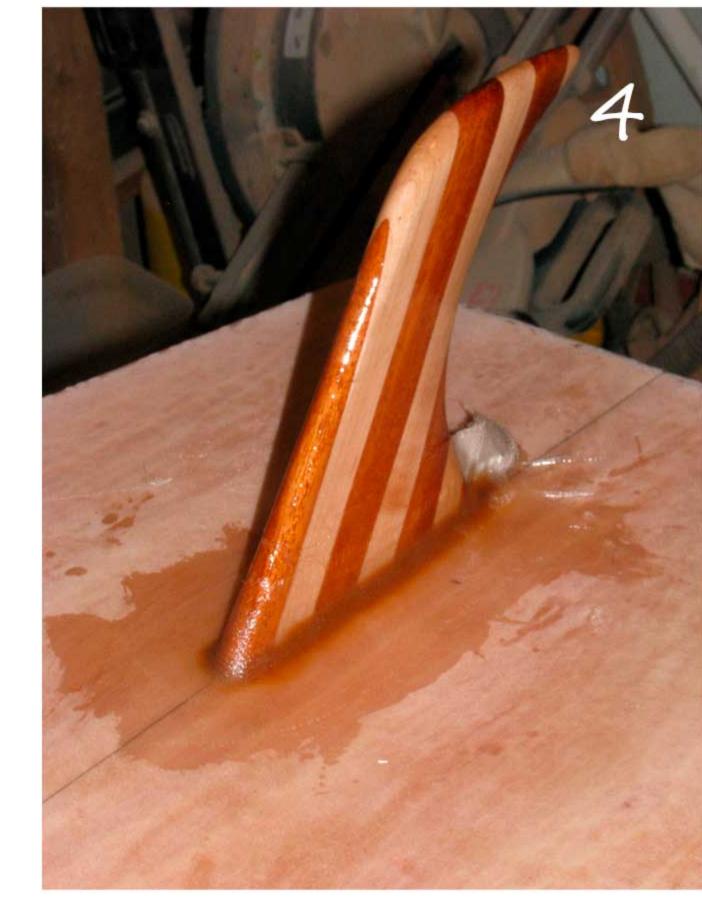


Paddle boards are available only as kits or complete, kits are CNC cut for ease of building, this makes cutting them out by hand difficult. The main part of the structure all interlocks forming the backbone in egg crate fashion, with the hull then wrapped around the structure making use of two molds to aid in the shaping of the hull while it is being stitched together. The fin on this board is fixed and made by the builder from wood supplied as part of the kit. We have recently added an section to the plans to lead builders through the process of adding an optional cedar strip deck in place of the standard plywood version.









Length 10 ft. 6 in. 3.2 m.

Beam 30 in. 76 cm.

Board Depth# 5.5 in. 14 cm.

Capacity 120 to 160 lbs. 54 to 72 kg.

Weight* 32 lbs. 14.5 kg.



- 1. Assembling structure on building table
- 2. Bottom hull panels set in building forms structure being placed
- 3. Decorative fabric trimmed and in place for laminating, fabric is a simple way to personalize the look of you SUP.
- 4. Attaching the fin to the bottom of the hull after it has been shaped. Fin is installed after hull is glassed, this makes replacement if ever needed possible without damaging the hull.

O Otto Vallinga Yacht Design

Board depth measure at the step in the deck.

* Weight will vary from one board to another due to options, materials and building technique

Design: Northern Light 10.5

Dwg: Study Plan

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