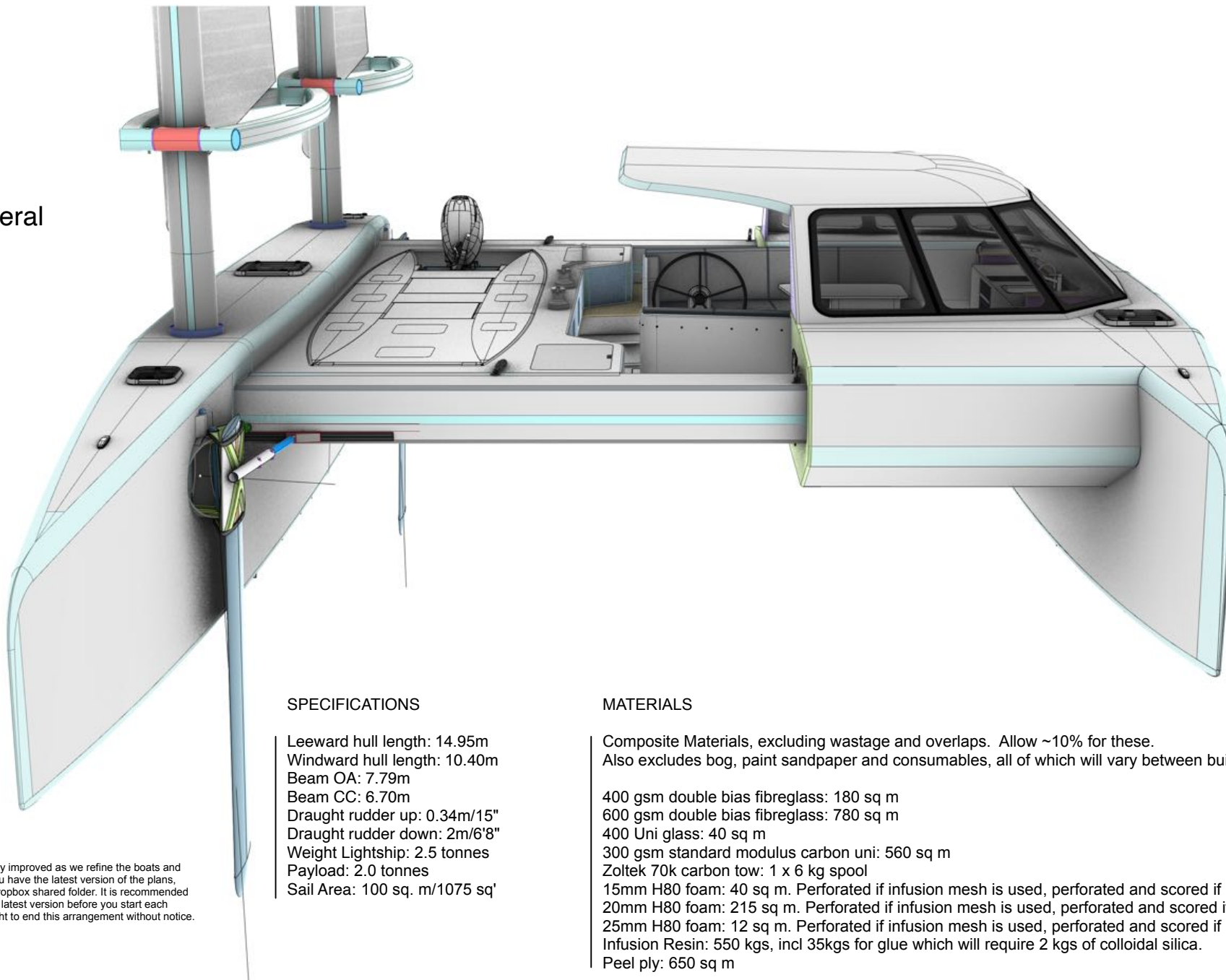




Harryproa

C50 Air - General

- Deck Layout
- Cabin Layout
- Layout Below Deck
- Side & Front
- Side
- Side Cutaway
- Front
- Front Cutaway
- Anchor System
- Assembly 1 - 4



PLANS*

- Leeward Hull
- Windward Hull
- Cabin Module
- Beams
- Cabin Top
- Deck Unit
- Rudder Unit
- Mast & Boom
- Sail Plan
- Instructions
- Intelligent Infusion

* Harryproa plans are constantly improved as we refine the boats and the build method. To ensure you have the latest version of the plans, they are accessible from the Dropbox shared folder. It is recommended that you download and use the latest version before you start each component. We reserve the right to end this arrangement without notice.

SPECIFICATIONS

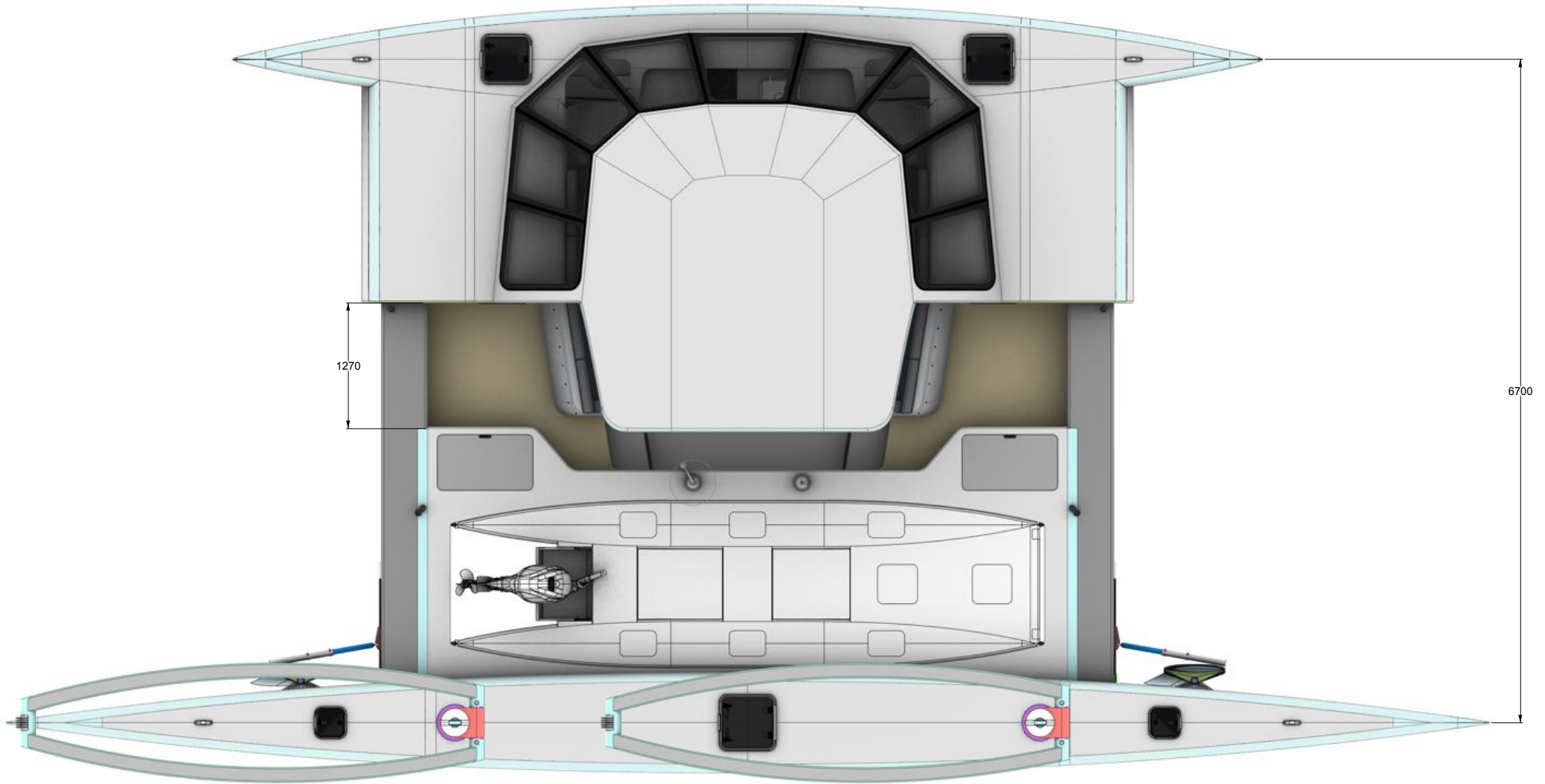
Leeward hull length: 14.95m
 Windward hull length: 10.40m
 Beam OA: 7.79m
 Beam CC: 6.70m
 Draught rudder up: 0.34m/15"
 Draught rudder down: 2m/6'8"
 Weight Lightship: 2.5 tonnes
 Payload: 2.0 tonnes
 Sail Area: 100 sq. m/1075 sq'

MATERIALS

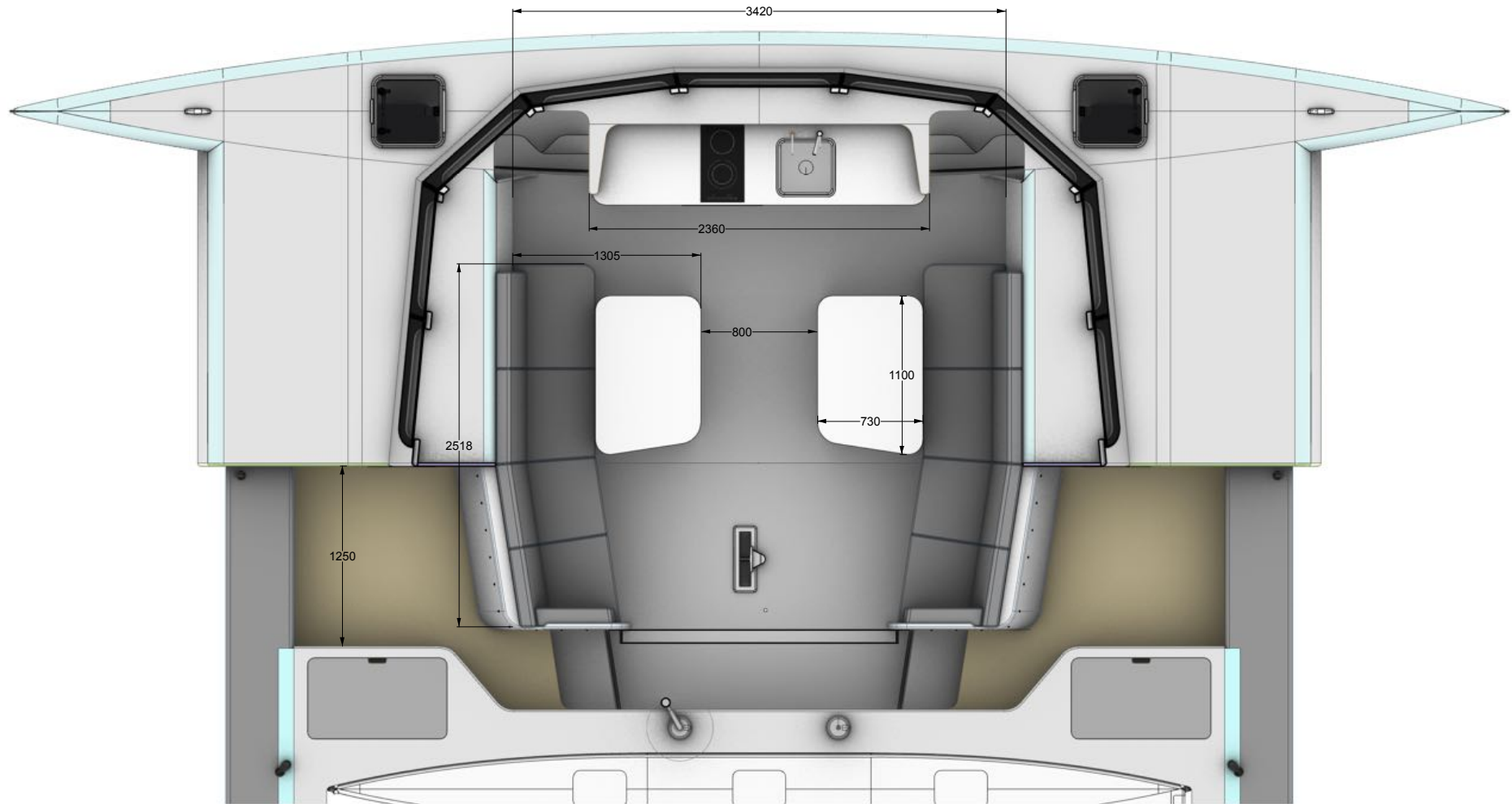
Composite Materials, excluding wastage and overlaps. Allow ~10% for these. Also excludes bog, paint sandpaper and consumables, all of which will vary between builders.

400 gsm double bias fibreglass: 180 sq m
 600 gsm double bias fibreglass: 780 sq m
 400 Uni glass: 40 sq m
 300 gsm standard modulus carbon uni: 560 sq m
 Zoltek 70k carbon tow: 1 x 6 kg spool
 15mm H80 foam: 40 sq m. Perforated if infusion mesh is used, perforated and scored if not.
 20mm H80 foam: 215 sq m. Perforated if infusion mesh is used, perforated and scored if not.
 25mm H80 foam: 12 sq m. Perforated if infusion mesh is used, perforated and scored if not.
 Infusion Resin: 550 kgs, incl 35kgs for glue which will require 2 kgs of colloidal silica.
 Peel ply: 650 sq m

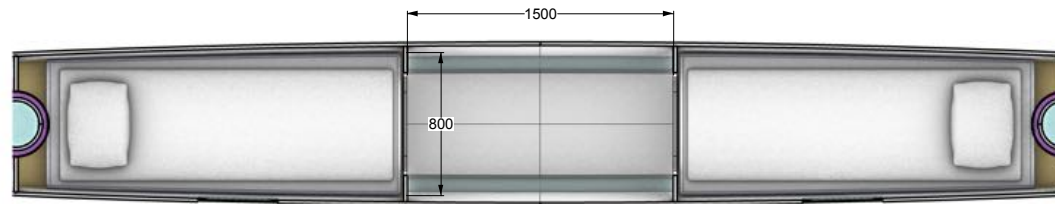
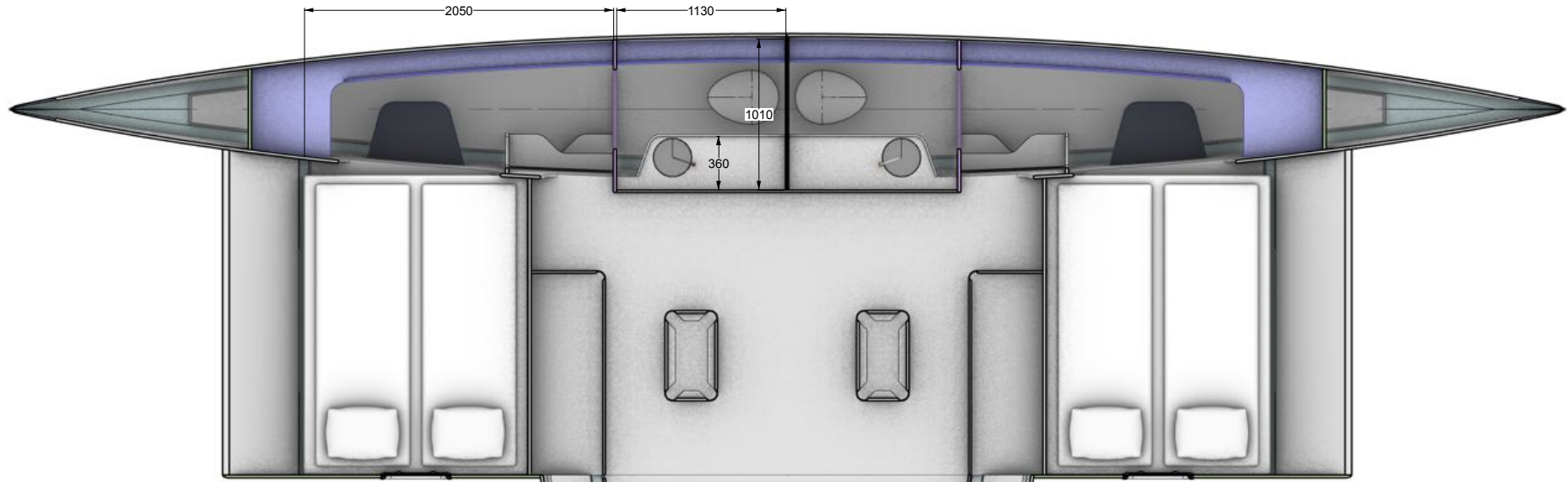
DECK LAYOUT



CABIN LAYOUT



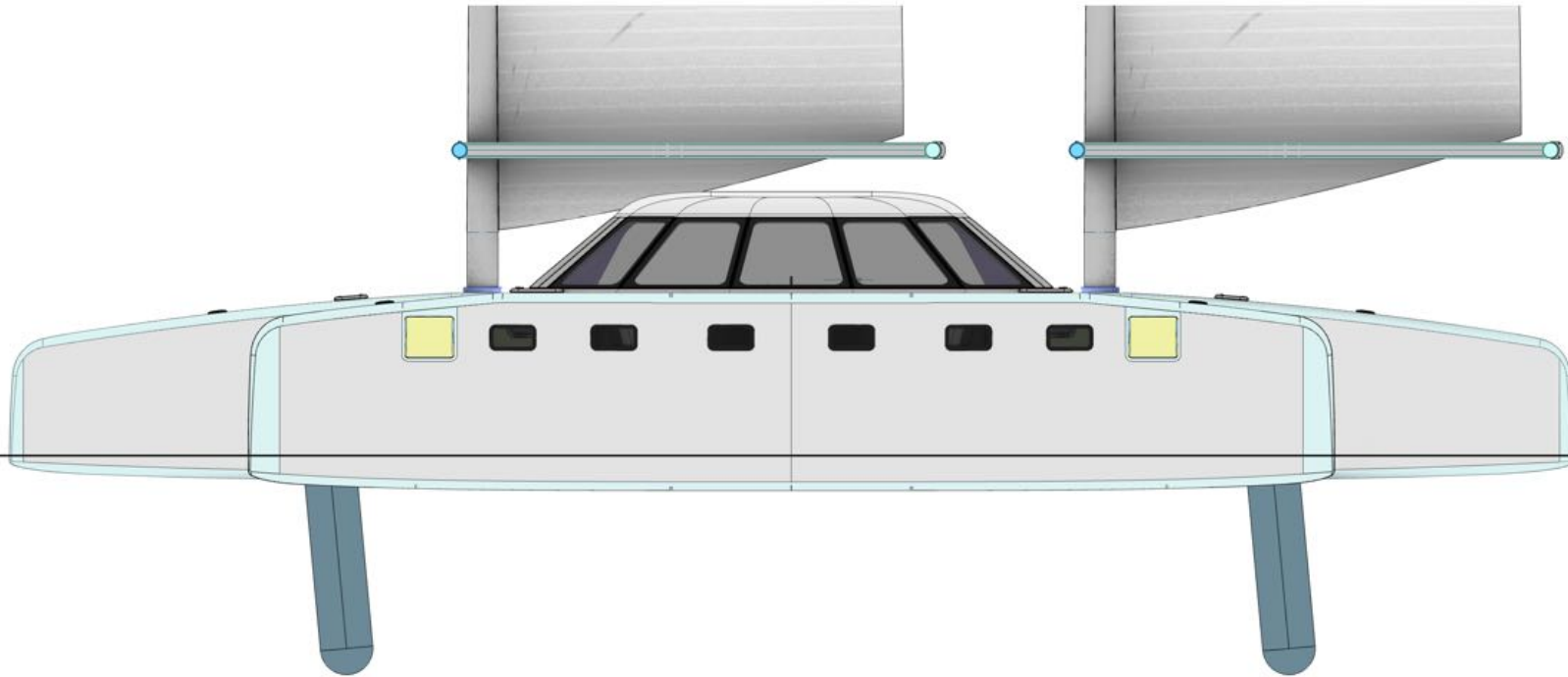
LAYOUT BELOW DECK



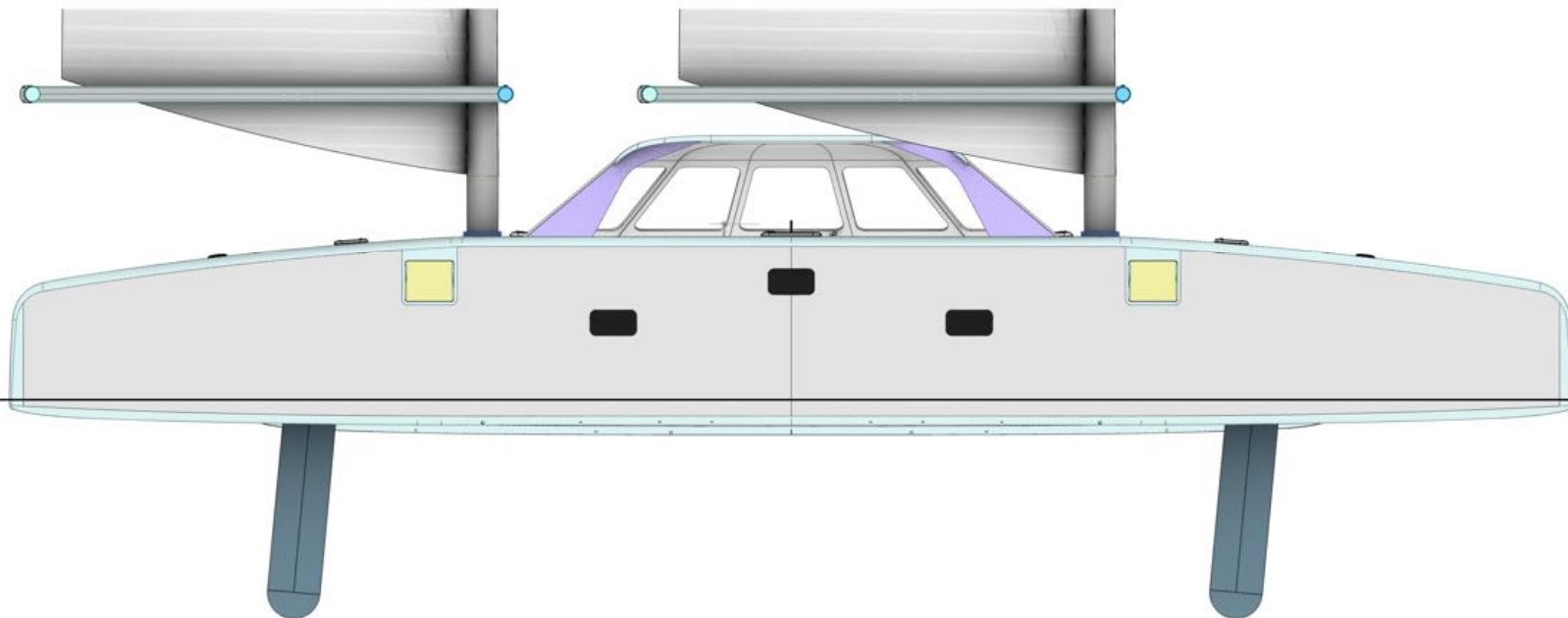
SIDE & FRONT



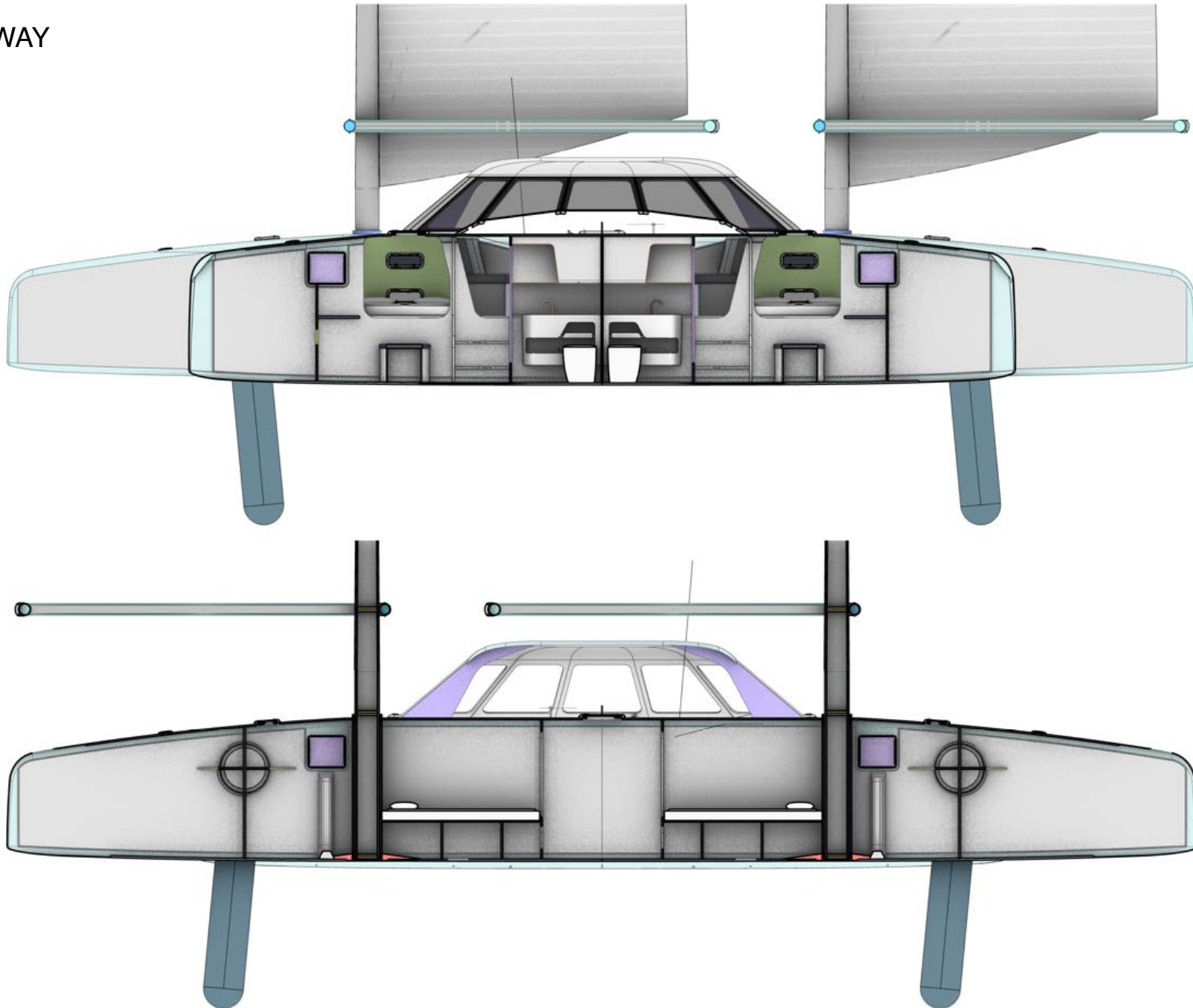
SIDE



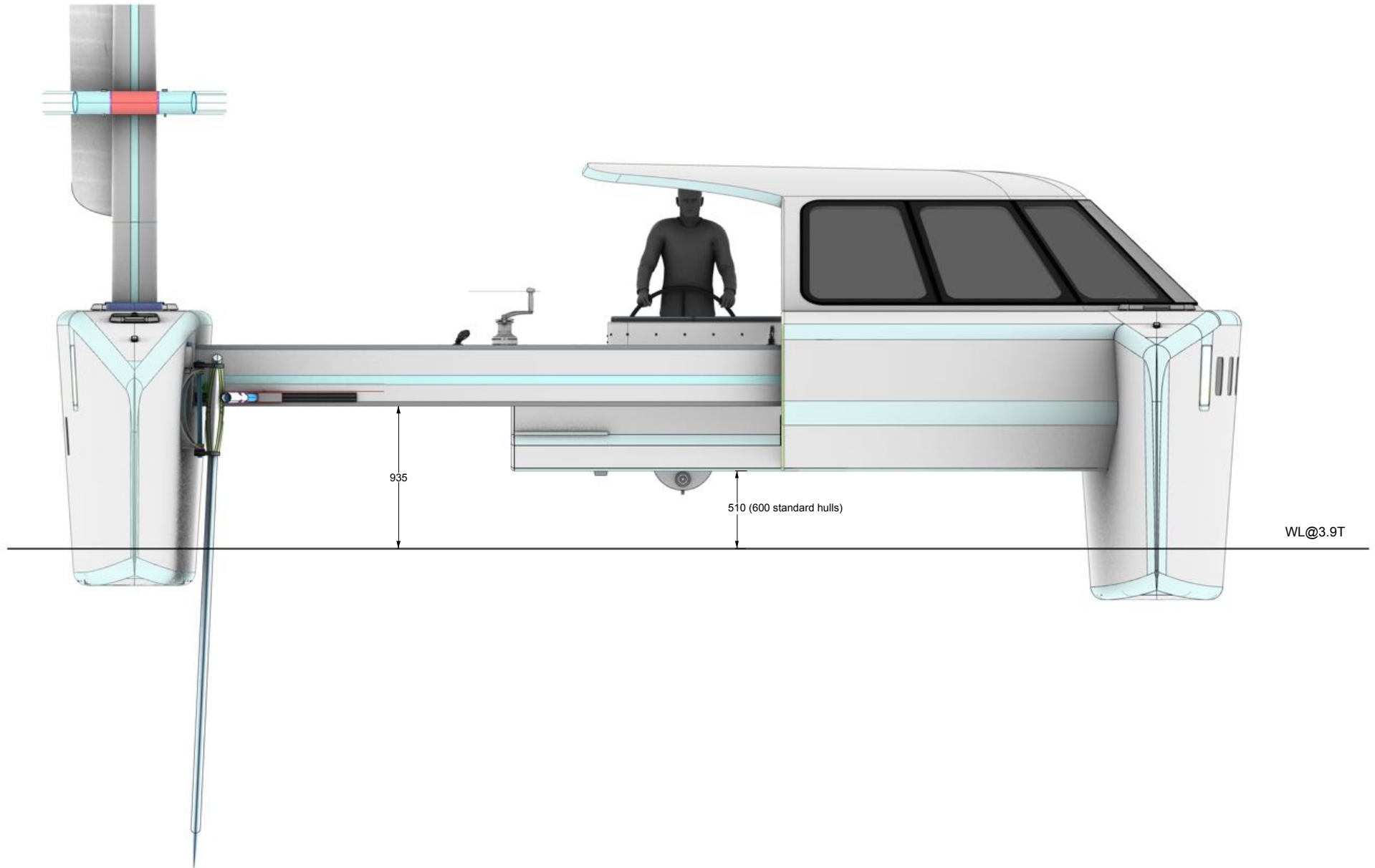
WL@3.9T



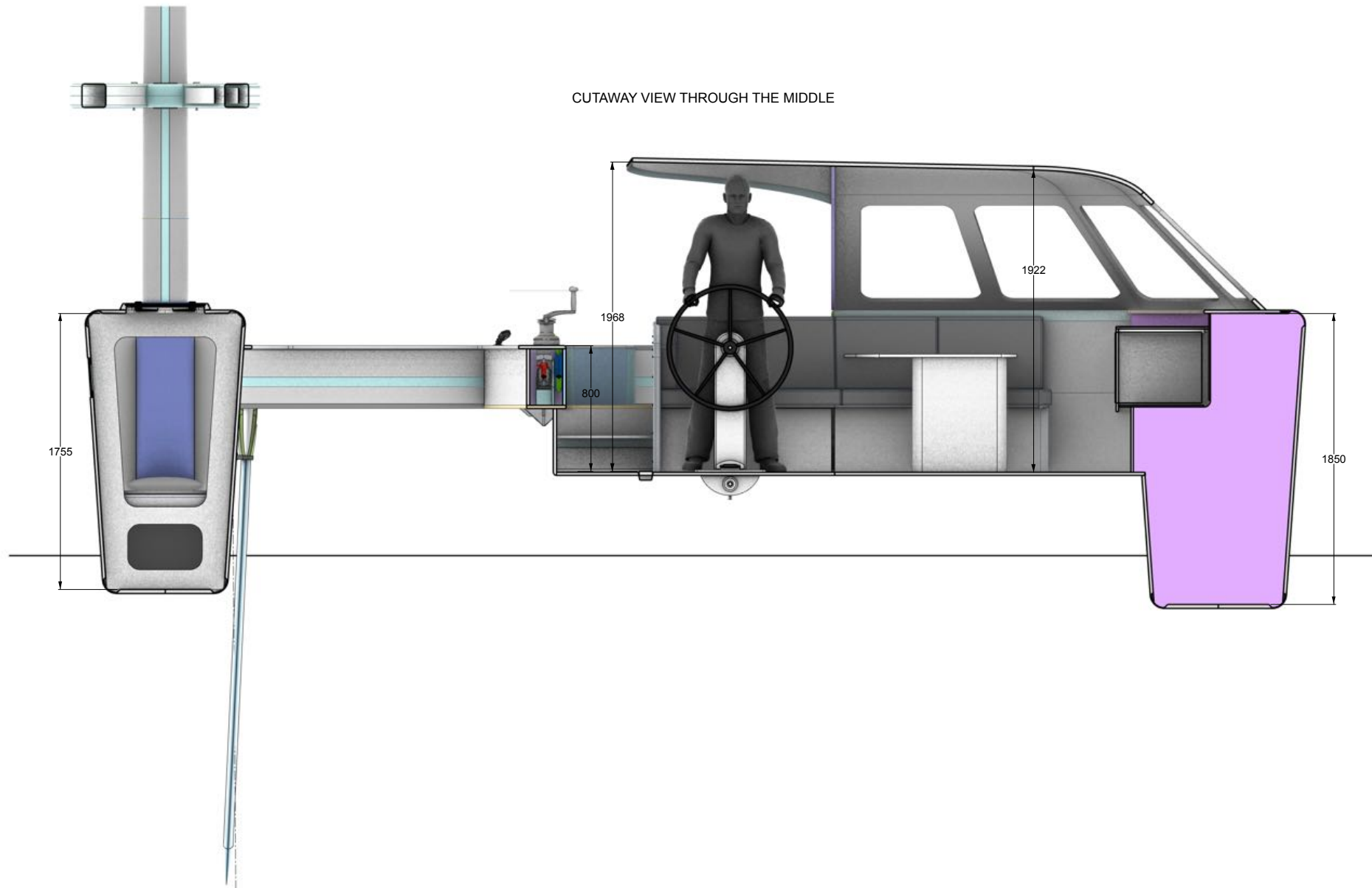
SIDE CUTAWAY



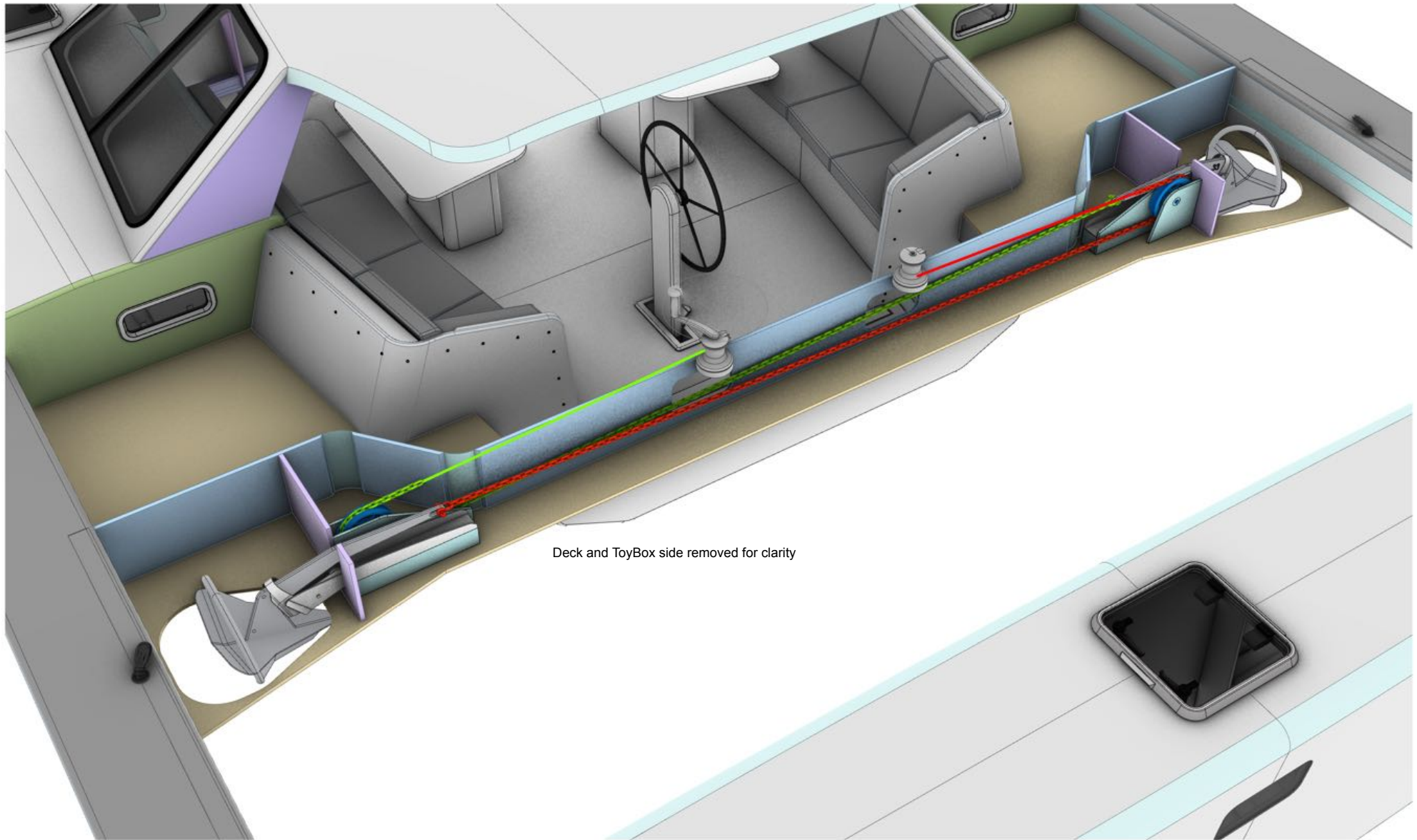
FRONT



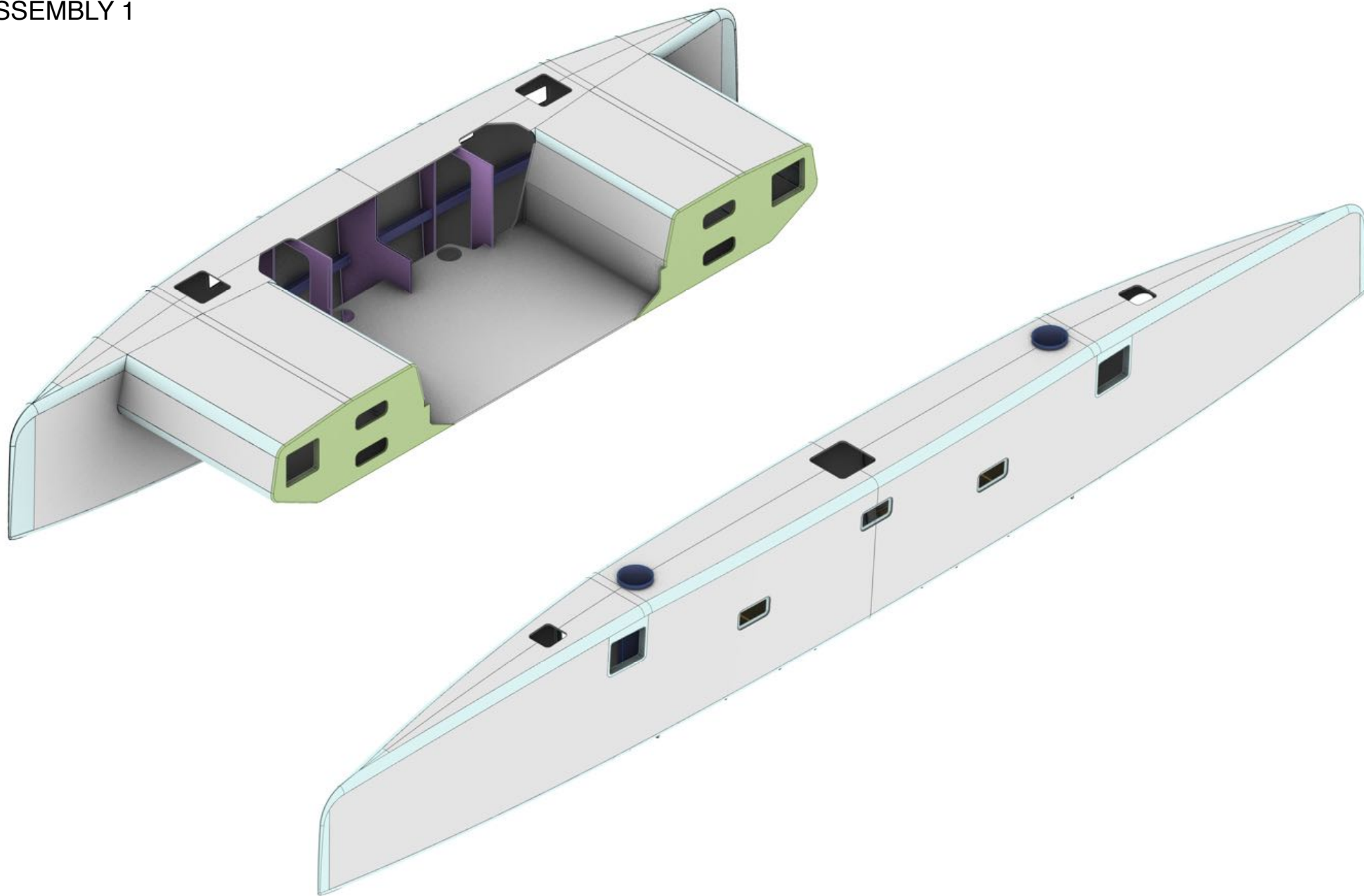
FRONT CUTAWAY



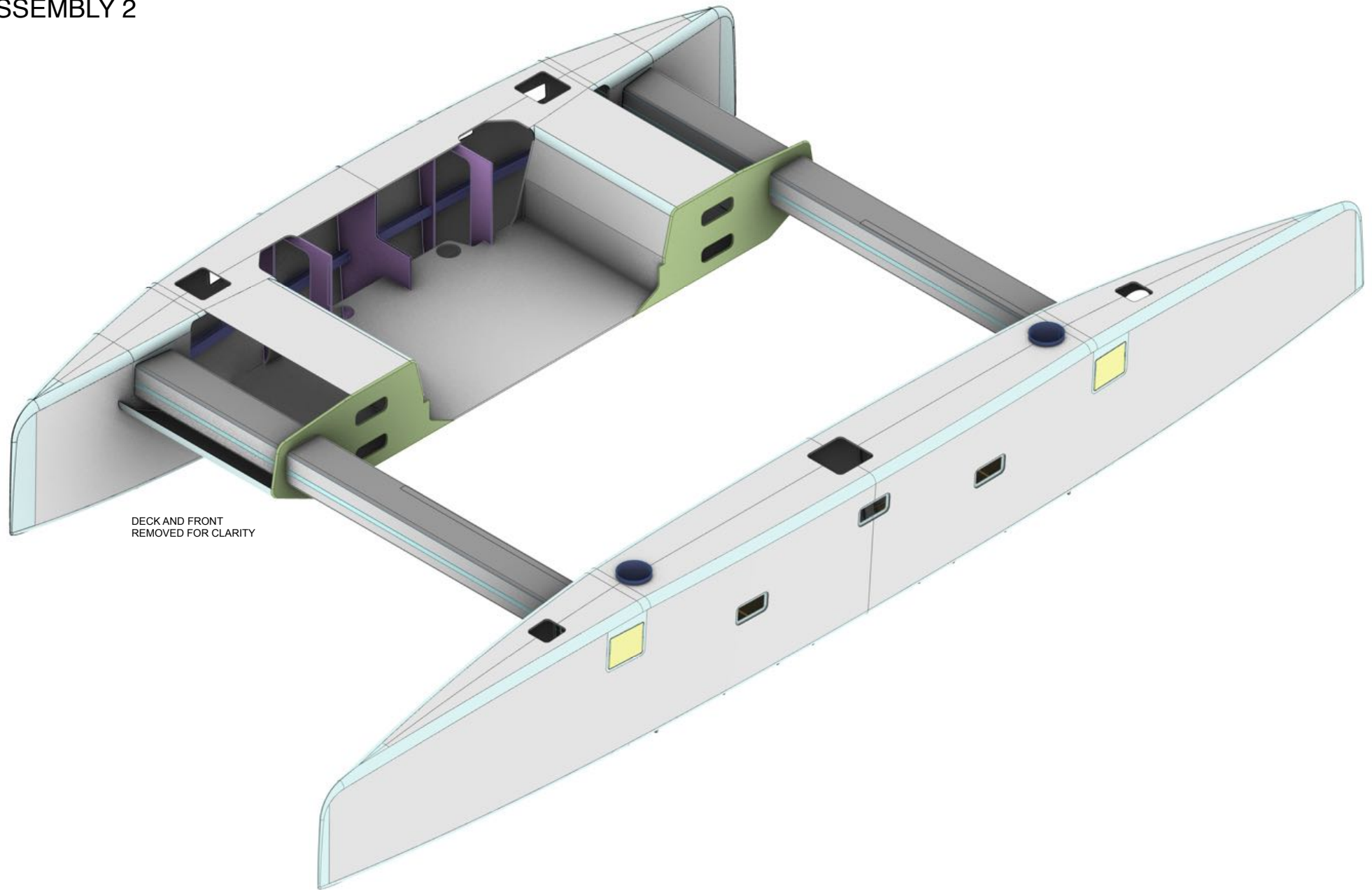
ANCHOR SYSTEM



ASSEMBLY 1

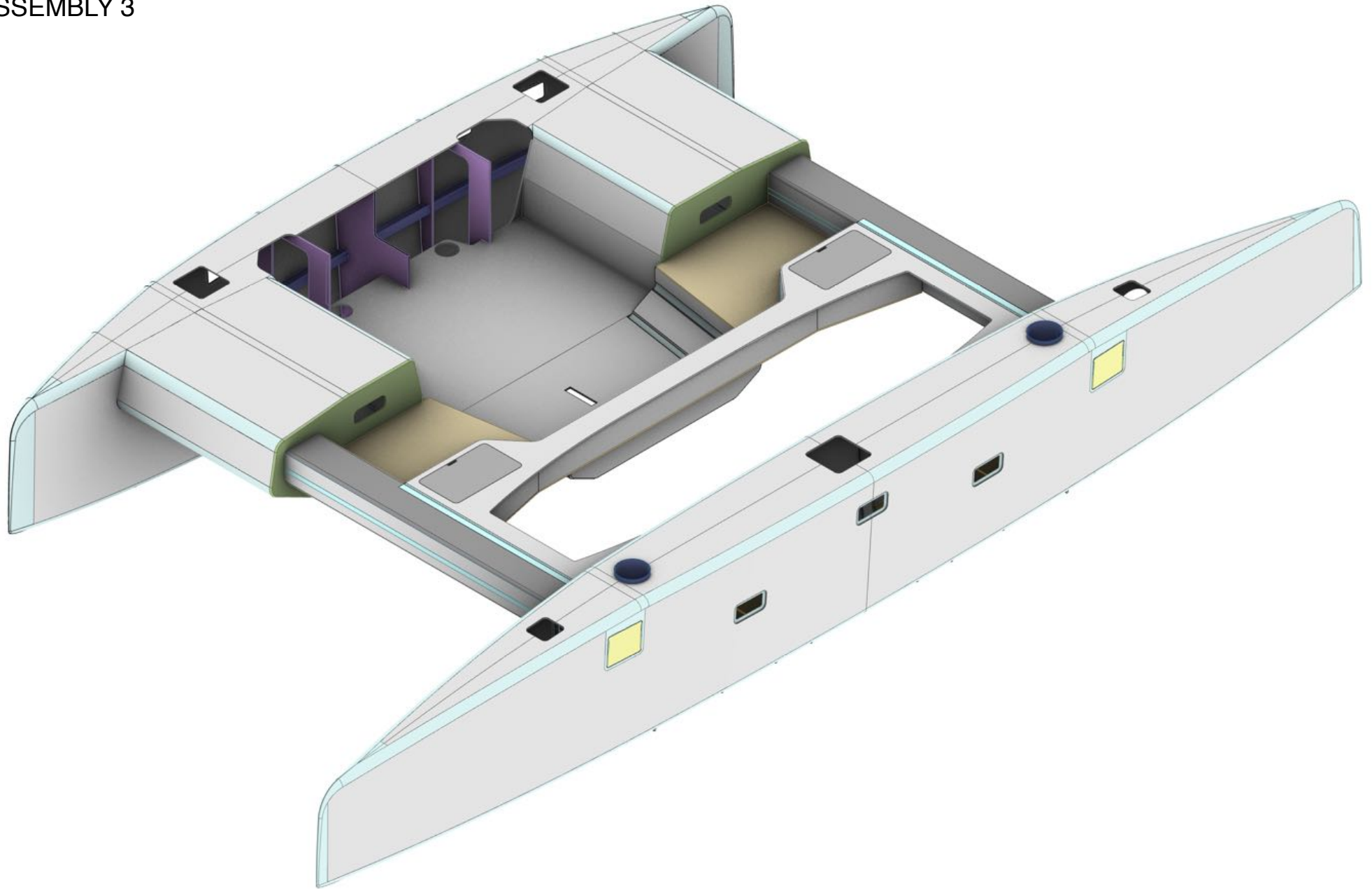


ASSEMBLY 2



DECK AND FRONT
REMOVED FOR CLARITY

ASSEMBLY 3



ASSEMBLY 4

