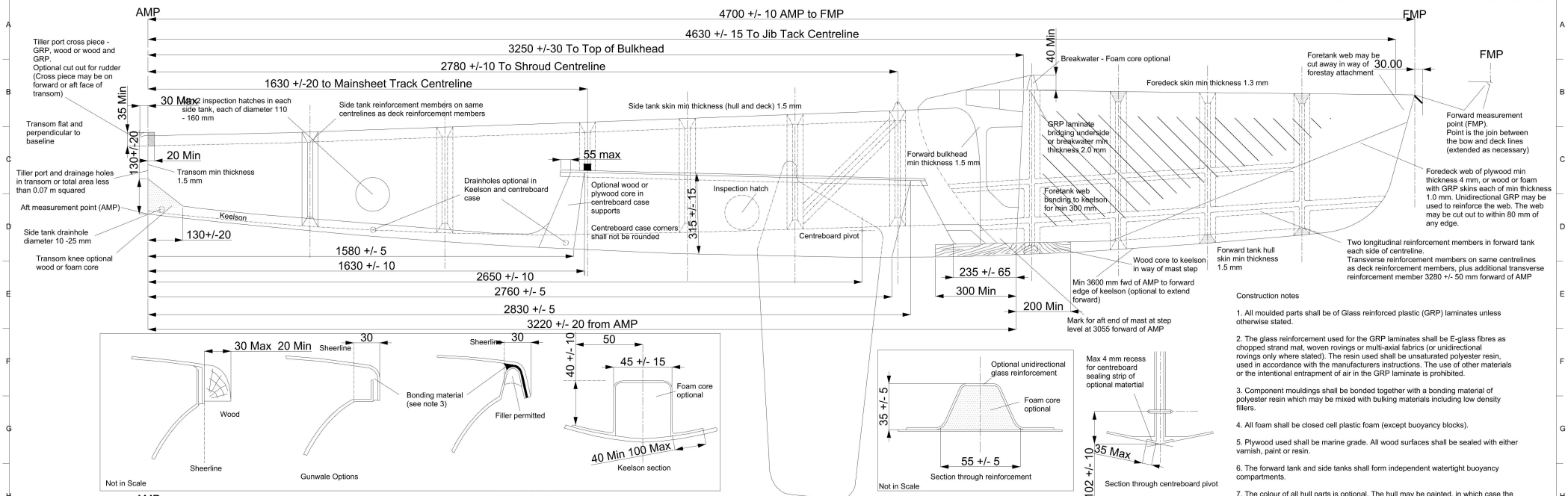
Rev No	Revision note; Based on Building Specification plan Nov 1992	Date	Signature	Checked



Construction notes

1. All moulded parts shall be of Glass reinforced plastic (GRP) laminates unless otherwise stated.

2. The glass reinforcement used for the GRP laminates shall be E-glass fibres as chopped strand mat, woven rovings or multi-axial fabrics (or unidirectional rovings only where stated). The resin used shall be unsaturated polyester resin, used in accordance with the manufacturers instructions. The use of other materials or the intentional entrapment of air in the GRP laminate is prohibited.

3. Component mouldings shall be bonded together with a bonding material of polyester resin which may be mixed with bulking materials including low density fillers.

4. All foam shall be closed cell plastic foam (except buoyancy blocks).

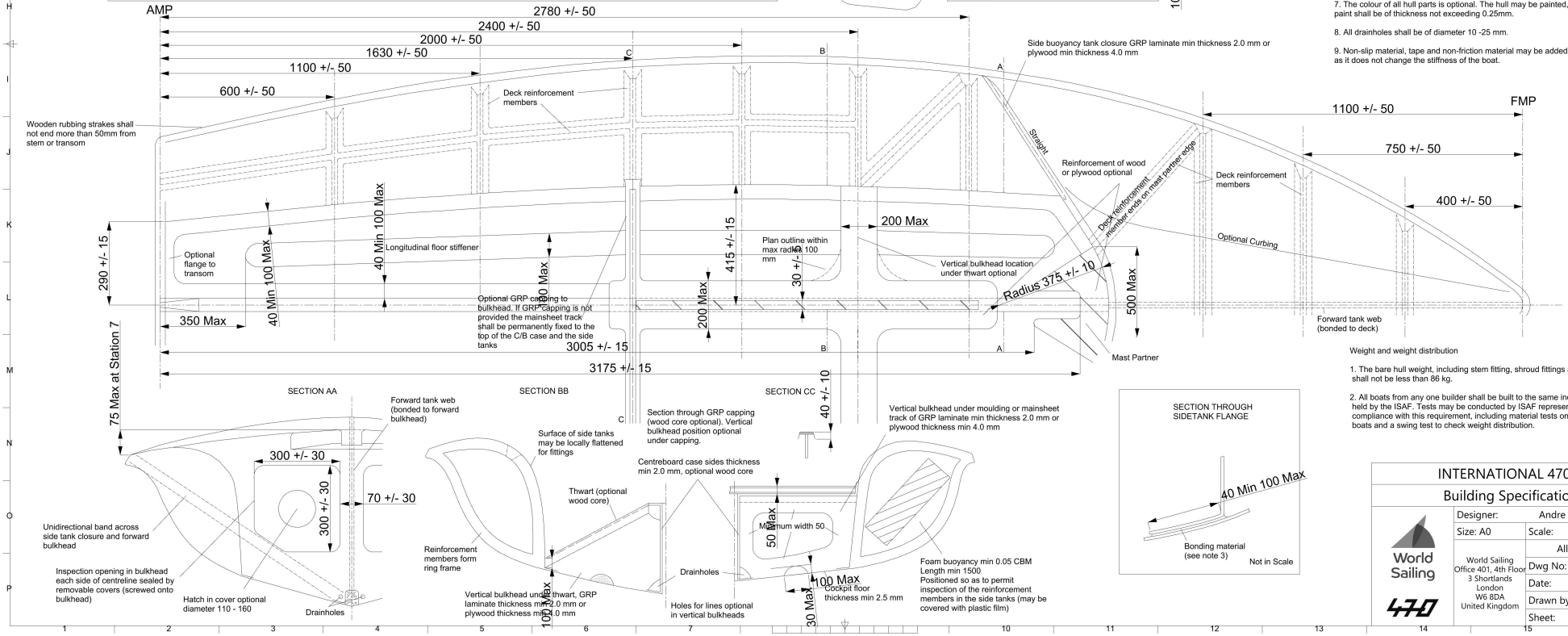
5. Plywood used shall be marine grade. All wood surfaces shall be sealed with either varnish, paint or resin.

6. The forward tank and side tanks shall form independent watertight buoyancy compartments.

7. The colour of all hull parts is optional. The hull may be painted, in which case the paint shall be of thickness not exceeding 0.25mm.

8. All drainholes shall be of diameter 10 -25 mm.

9. Non-slip material, tape and non-friction material may be added to the boat as long as it does not change the stiffness of the boat.



Weight and weight distribution

1. The bare hull weight, including stem fitting, shroud fittings and traveller bar, if fitted, shall not be less than 86 kg.

2. All boats from any one builder shall be built to the same individual specification(s) held by the ISAF. Tests may be conducted by ISAF representatives to establish compliance with this requirement, including material tests on samples taken from boats and a swing test to check weight distribution.

INTERNATIONAL 470 CLASS

Building Specification Plan

World Sailing

470

World Sailing
Office 401, 4th Floor
3 Shortlands
London
W6 8DA
United Kingdom

Designer:	Andre Cornu
Size: A0	Scale: 1 : 5
	All dimensions in mm
	Dwg No: 470-003
	Date: 08 / 06 / 2023
	Drawn by: C Evans BEng (Hons)
	Sheet: 03