

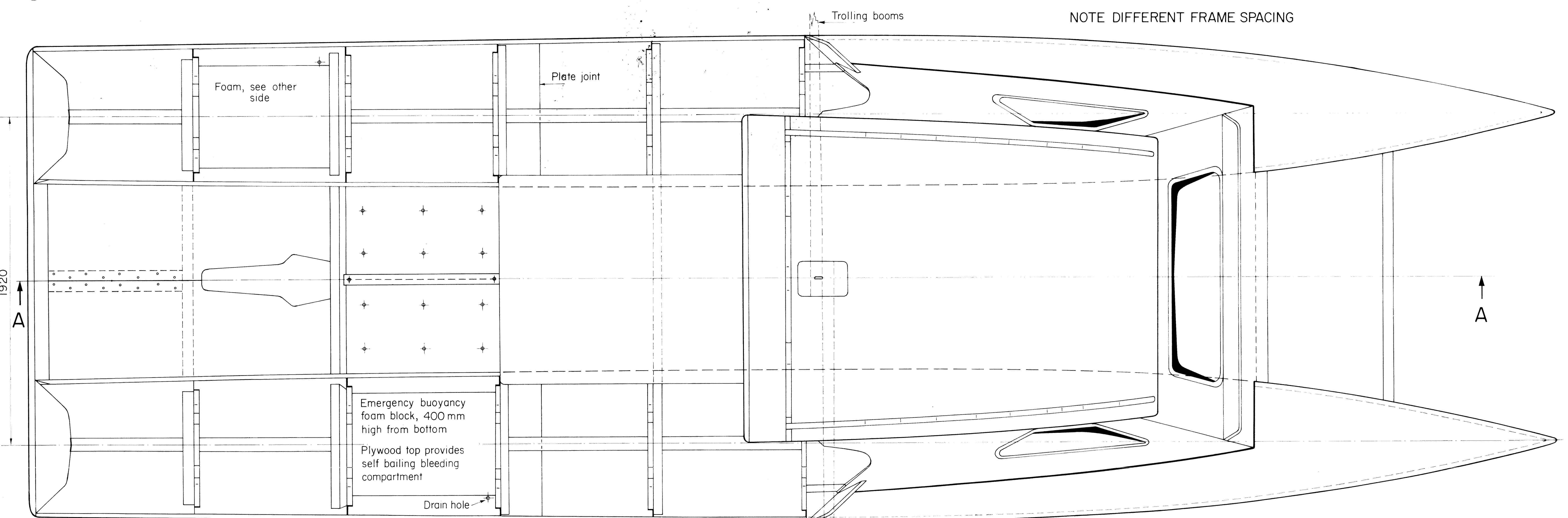
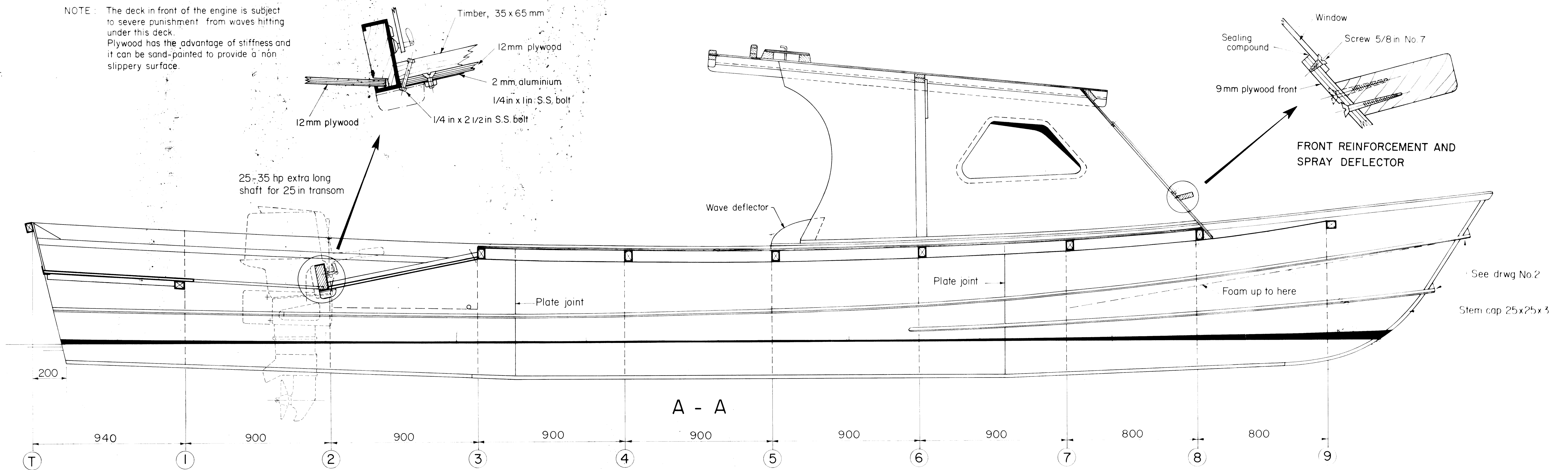
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This information product is intended to be used by anyone who wants to build a boat to a particular and suitable FAO design, it being understood that it is the responsibility of the intended user regarding the selection of a vessel design on the basis of its suitability for the intended fishery, sea state and weather and the availability of suitable construction material and building capability. Furthermore, it is the responsibility of the intended user to comply with national legislation for authorization to construct a fishing vessel and obtain approval of technical specifications. It being noted that the application to build a vessel must be accompanied by the specifications of mandatory safety equipment and outfit. In the case there is no national legislation in place for the design, construction and equipment of vessels FAO recommends that the intended user applies appropriate international standards, such as the FAO/ILO/IMO Safety recommendations for decked fishing vessels of less than 12 metres in length and undecked fishing vessels.

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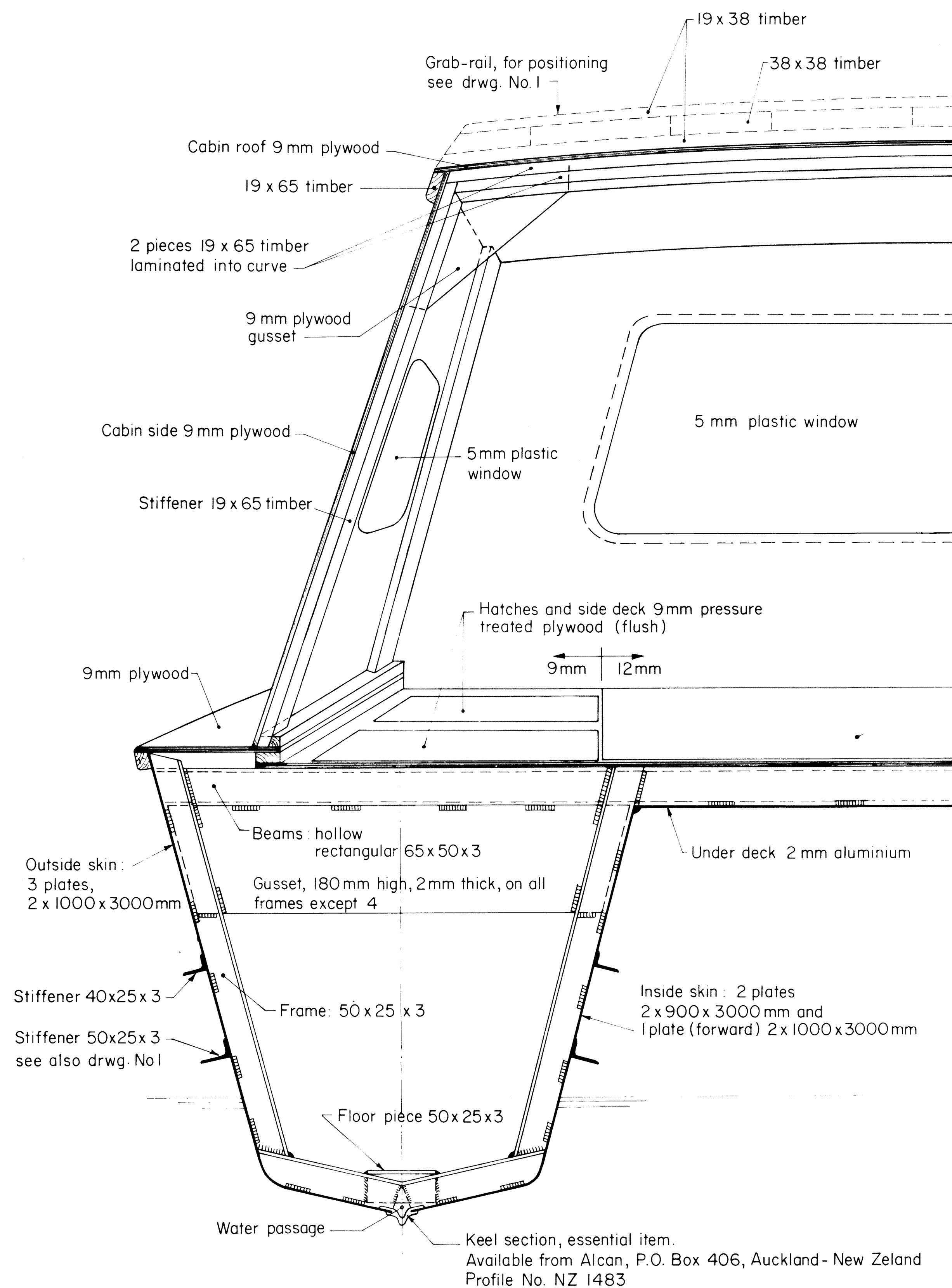
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NOTE: The deck in front of the engine is subject to severe punishment from waves hitting under this deck. Plywood has the advantage of stiffness and it can be sand-painted to provide a non slippery surface.



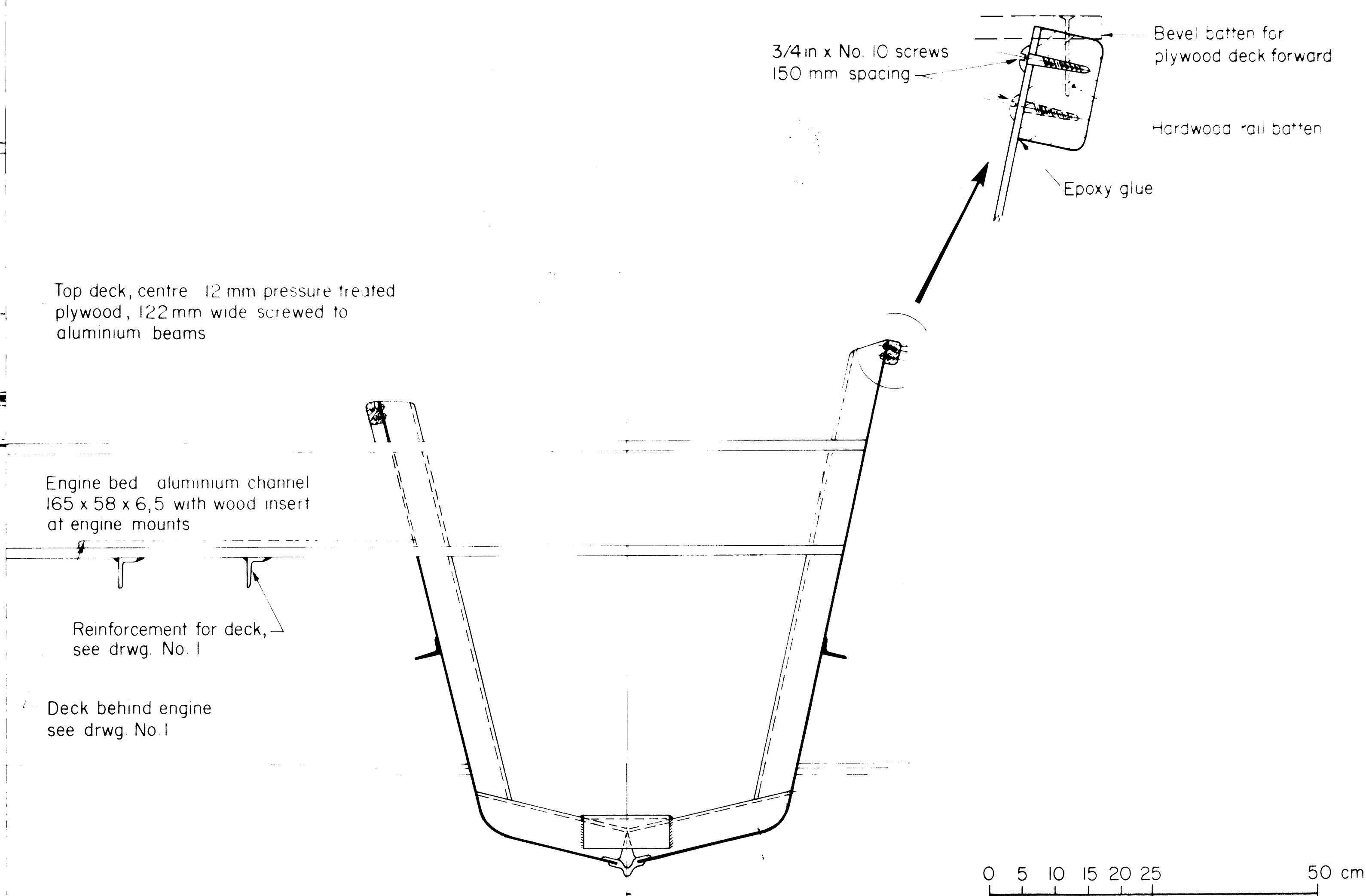
	9.00m Aluminium Catamaran		
	STRUCTURAL ARRANGEMENT		
	Scale: 1:10	Boat No.	Drwg. No.
	Design: AO	SAM-10	1

Apia, January 1980

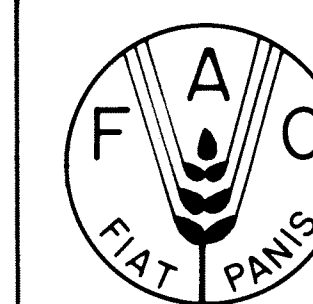


SECTION 6, LOOKING FORWARD

ALLOYS : All extrusions (frames, keel, engine bed, stiffeners) : 6063, T-6 or 6351, T-6
 Plates (skin, under deck, transom, gussets) : 5083, T-6
 Welding wire : 5356



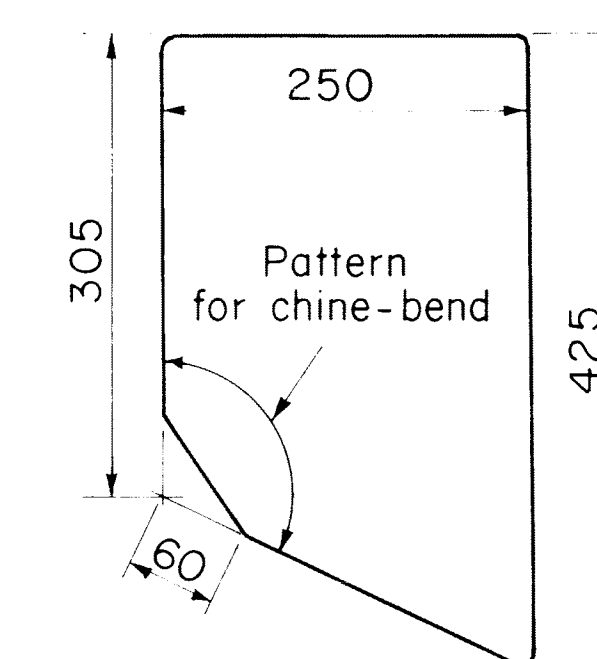
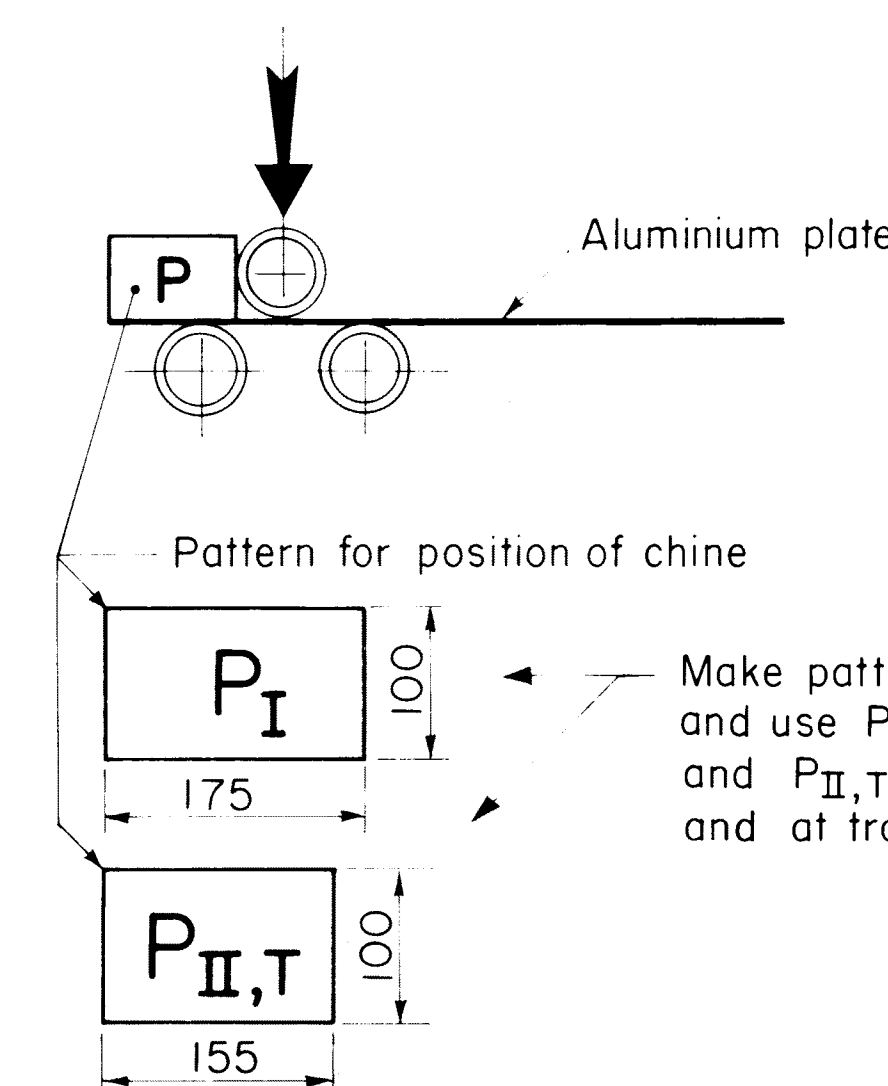
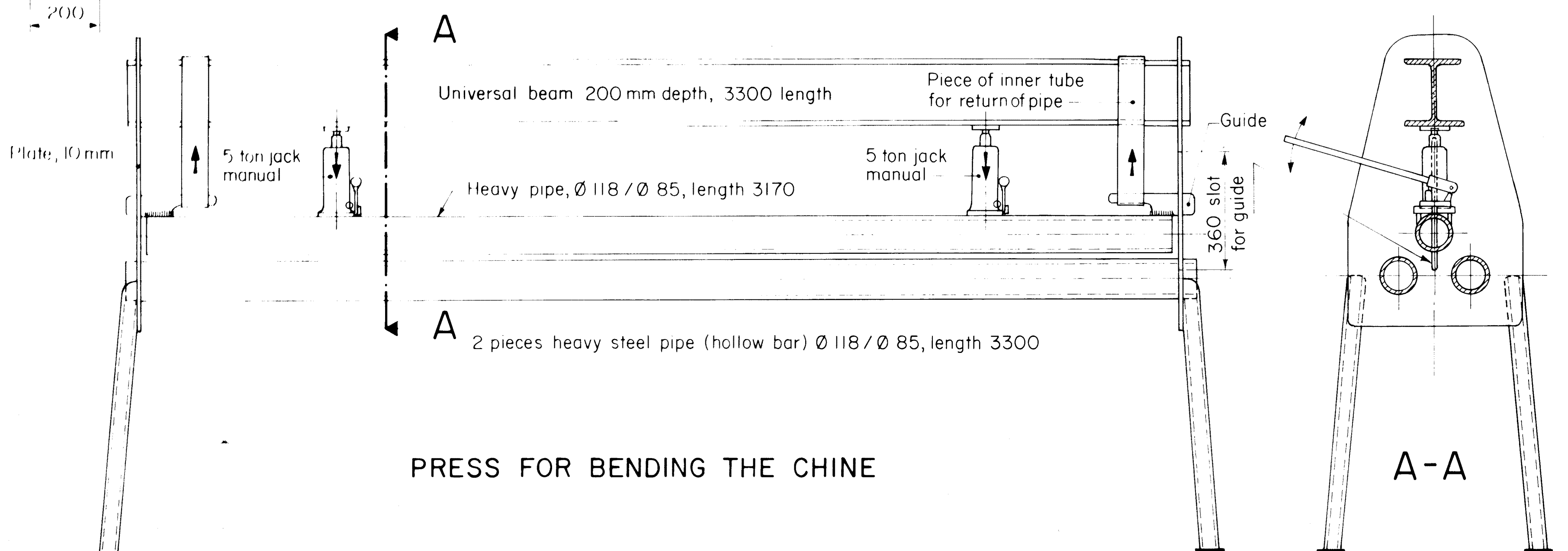
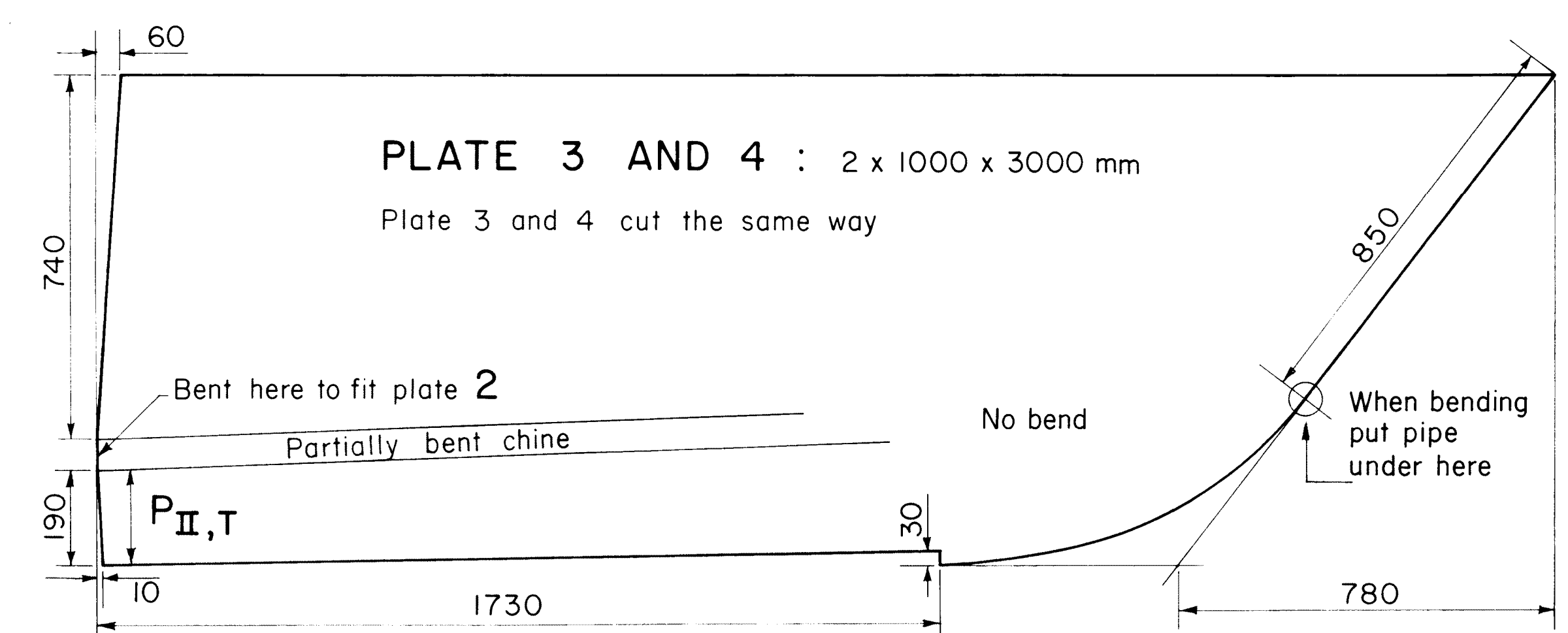
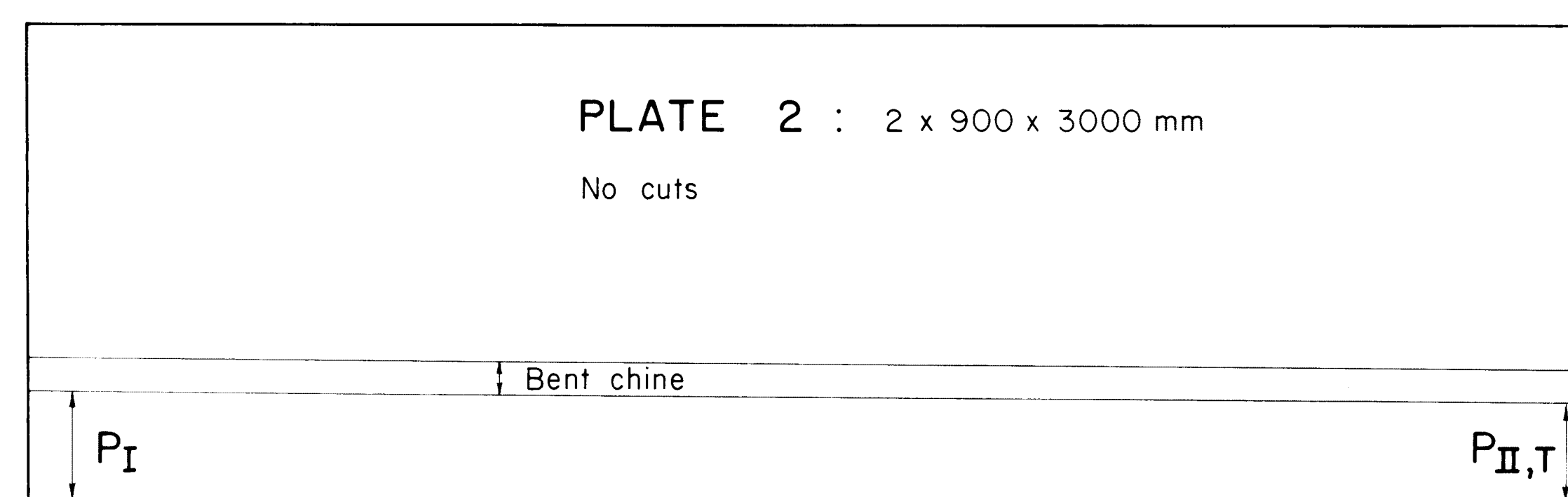
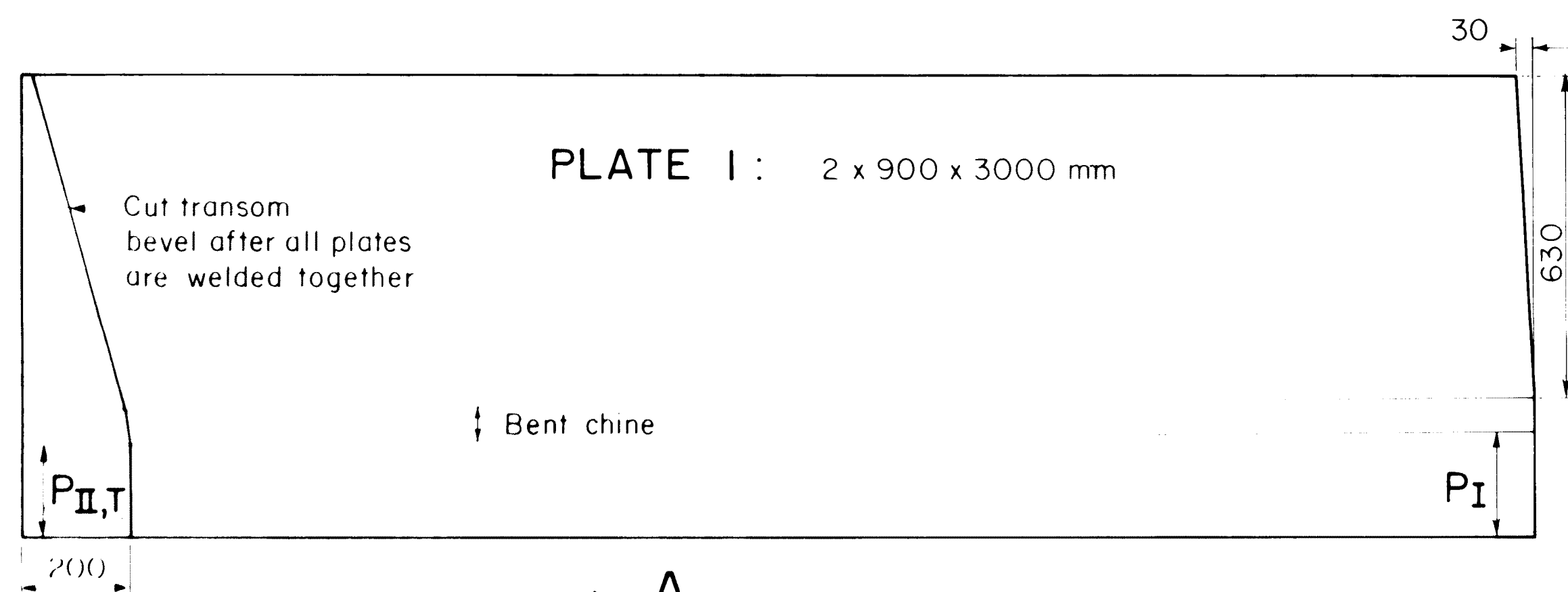
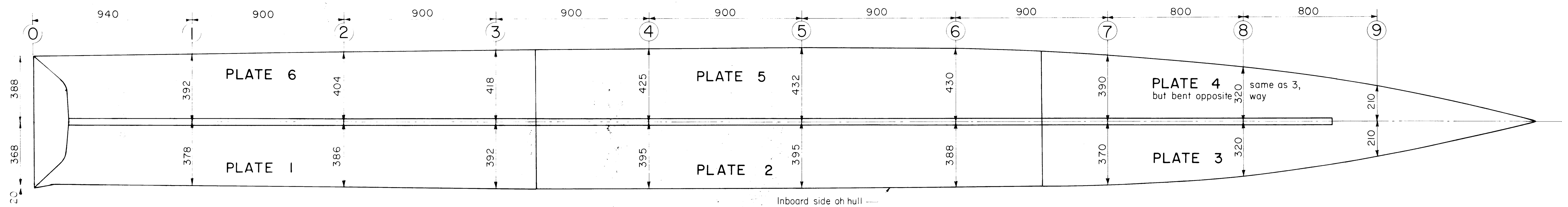
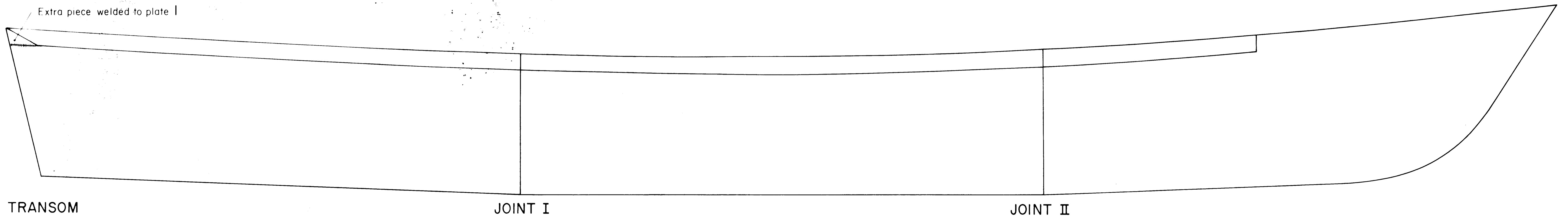
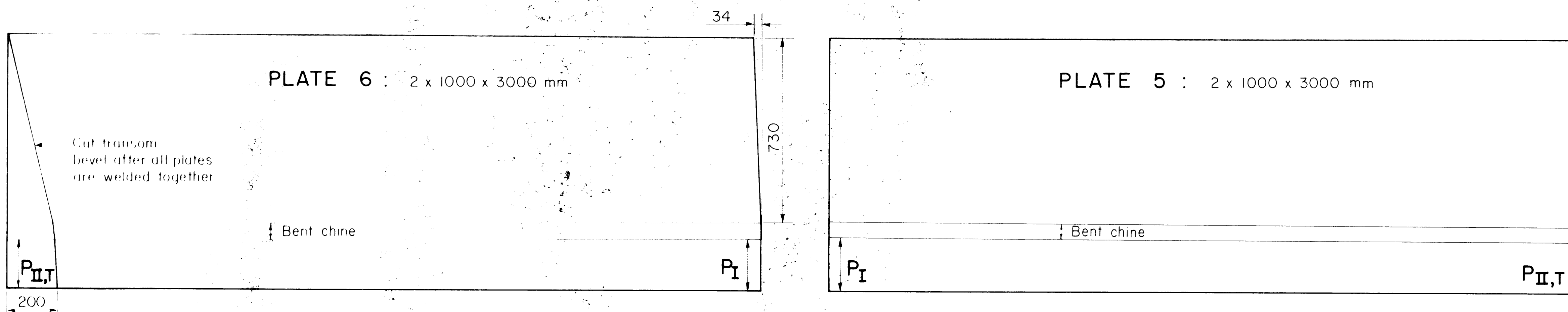
SECTION 2, LOOKING FORWARD



9.00 m Aluminium Catamaran

SECTIONS 2 AND 6

Scale: 1:5	Boat No.	Drwg. No.
Design: AO	SAM-10	2
Apia, January 1980		



Make patterns of plywood and use P_I for joint I and $P_{II,T}$ for joint II and at transom

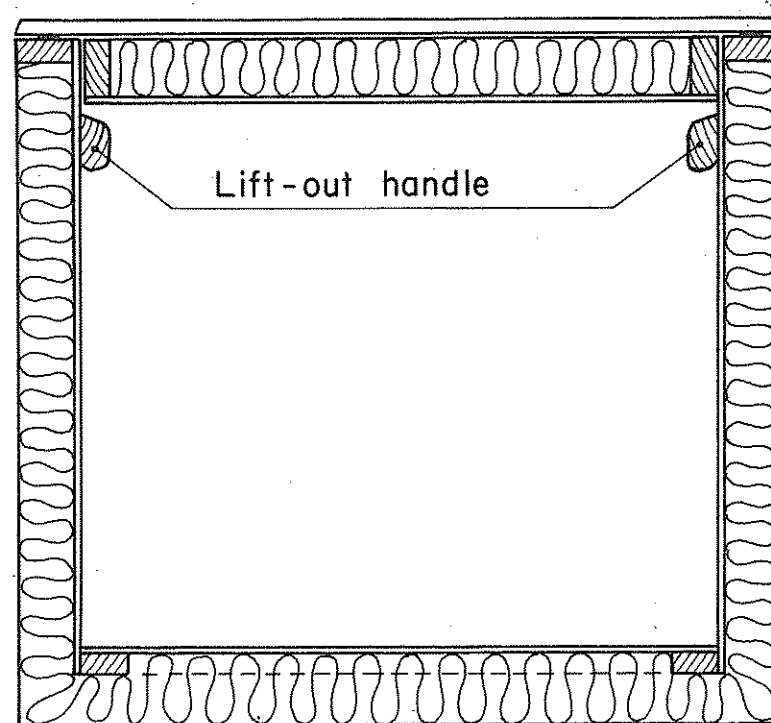
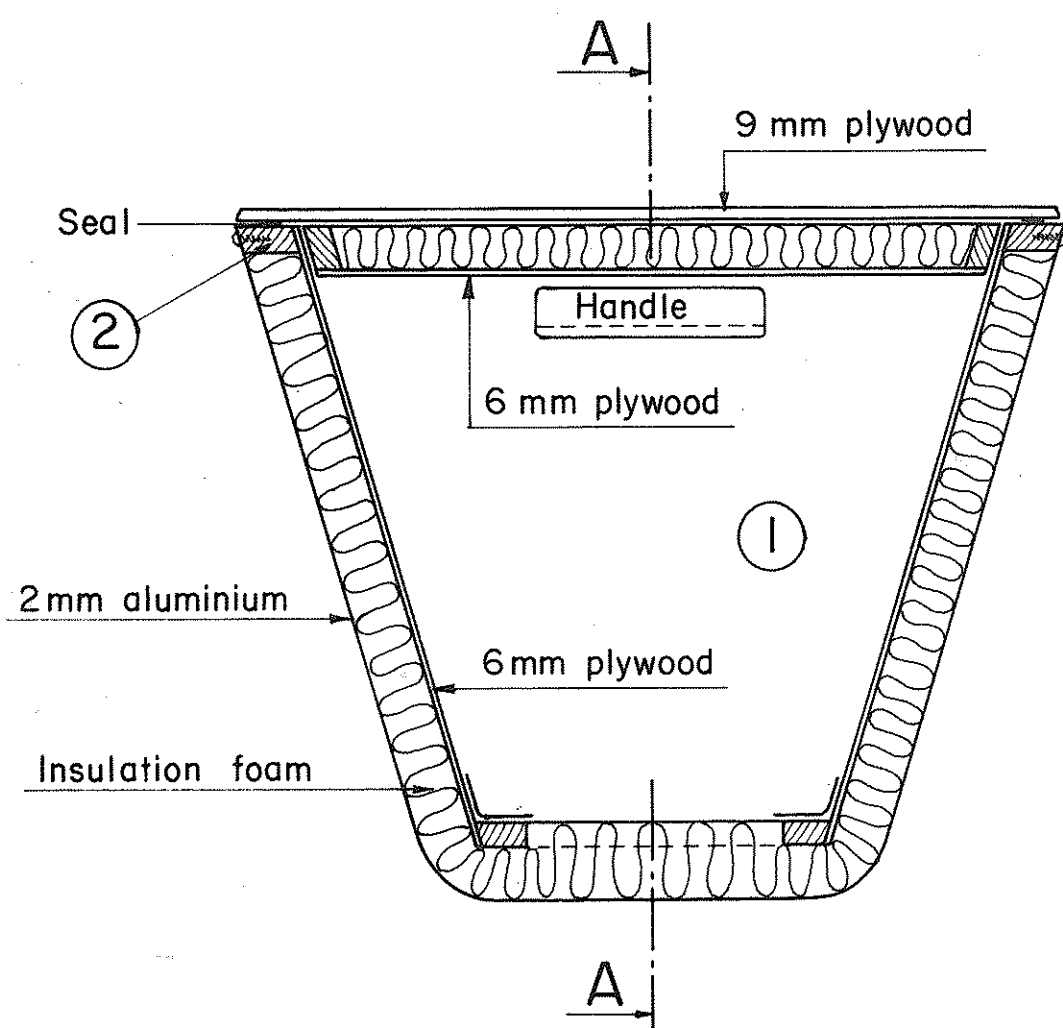


9.00m Aluminium Catamaran

PLATE PLAN AND PRESS

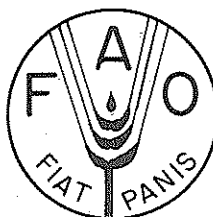
Scale: 1:10 / 1:5	Boat No.	Drwg. No.
Design: AO	SAM-10	3
Apia, January 1980		

- ① The inside lining can be made of aluminium or as shown out of 6mm plywood sides and 9mm bottom. Vertical corners assembled with dynel-epoxy.
- ② Foam thickness can be varied by varying the width of the batten. For a 15-18 hours trip, a foam thickness of 30mm is sufficient.



A-A

Two iceboxes, one in each hull, can be placed between frames 3 and 4. They can be lifted out and used ashore and to transport fish on a vehicle.



9.00m Aluminium Catamaran

Ice - box

Scale	not to scale	Boat	No.	Drwg. No.
Design		SAM - 10		4
Rome, February 1980				