

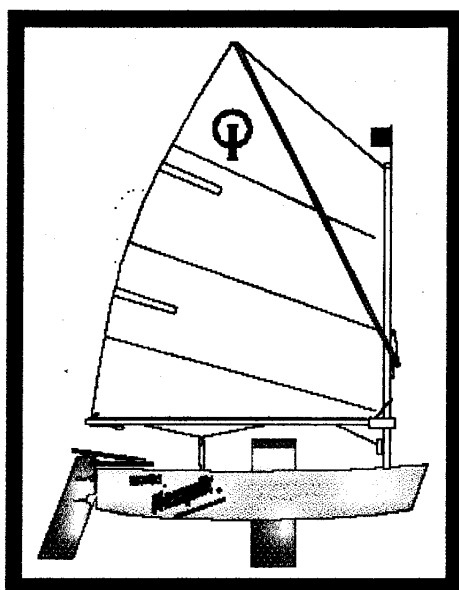
BREVE ESTRATTO DAL REGOLAMENTO DI CLASSE

Queste note sono una sintesi estrema di quanto previsto dal regolamento di classe, e devono servire esclusivamente come riferimento operativo durante la costruzione, per quello che concerne alcuni particolari non menzionati nella guida. Per ogni dubbio o necessità di chiarimento, fare riferimento al testo ufficiale della I.O.D.A.

PESO DELLO SCAFO: Lo scafo completo di ferramenta e cinghie non deve pesare meno di 32 kg.

DERIVA: La deriva dovrà avere approssimativamente la forma di un rettangolo. Può essere arrotondata negli spigoli inferiori con un raggio di curvatura non superiore a 32mm. e negli spigoli superiori con un raggio non superiore a 5mm. Lo spessore consentito è compreso fra 10 e 14 mm. ed è ammessa una rastrematura che non si estenda oltre 60mm. dai bordi e non superi un dislivello di 0,5mm. La deriva deve essere galleggiante e non deve pesare più di 2 kg. La lunghezza massima consentita è 1067mm. e la larghezza deve essere compresa fra 275 e 290mm., con una variazione massima di 3mm. fra un lato e l'altro. Nella parte superiore, dovrà avere stecche d'arresto che corrano lungo tutta la deriva e conferiscano all'insieme uno spessore massimo di 40mm.

TIMONE: la forma del timone è libera, purché rientri in un ideale rettangolo largo 260mm. e lungo 750mm. La parte superiore (300mm.) è la testa, la parte restante è la lama. Il timone deve essere galleggiante e non deve pesare più di 1,5kg. compresa la barra. Questa non deve superare 1200mm. di lunghezza compreso lo stick. Il timone può essere rastremato con gli stessi limiti posti per la deriva (non oltre 60mm. dai bordi e non oltre 0,5mm. di dislivello) e non deve essere ad una distanza maggiore di 45mm. dallo specchio di poppa.



12mm Sheet 1220 x 2500mm

**Mast Thwart
(12mm)**

Bottom Panel

Starboard Side Panel

Port Side Panel

6mm Sheet 1220 x 2500mm

Mast-thwart Bulkhead

Aft Transom

**Forward
Transom**

Corners

**Mast Thwart
(6mm)**

3mm Sheet 610 x 2500mm

(Hog & stringers)

**12mm Sheet
610 x 2500mm**

Rudder Blank

**Daggerboard Case
Sides (2)**

Daggerboard Blank

Midship Frame

International Optimist

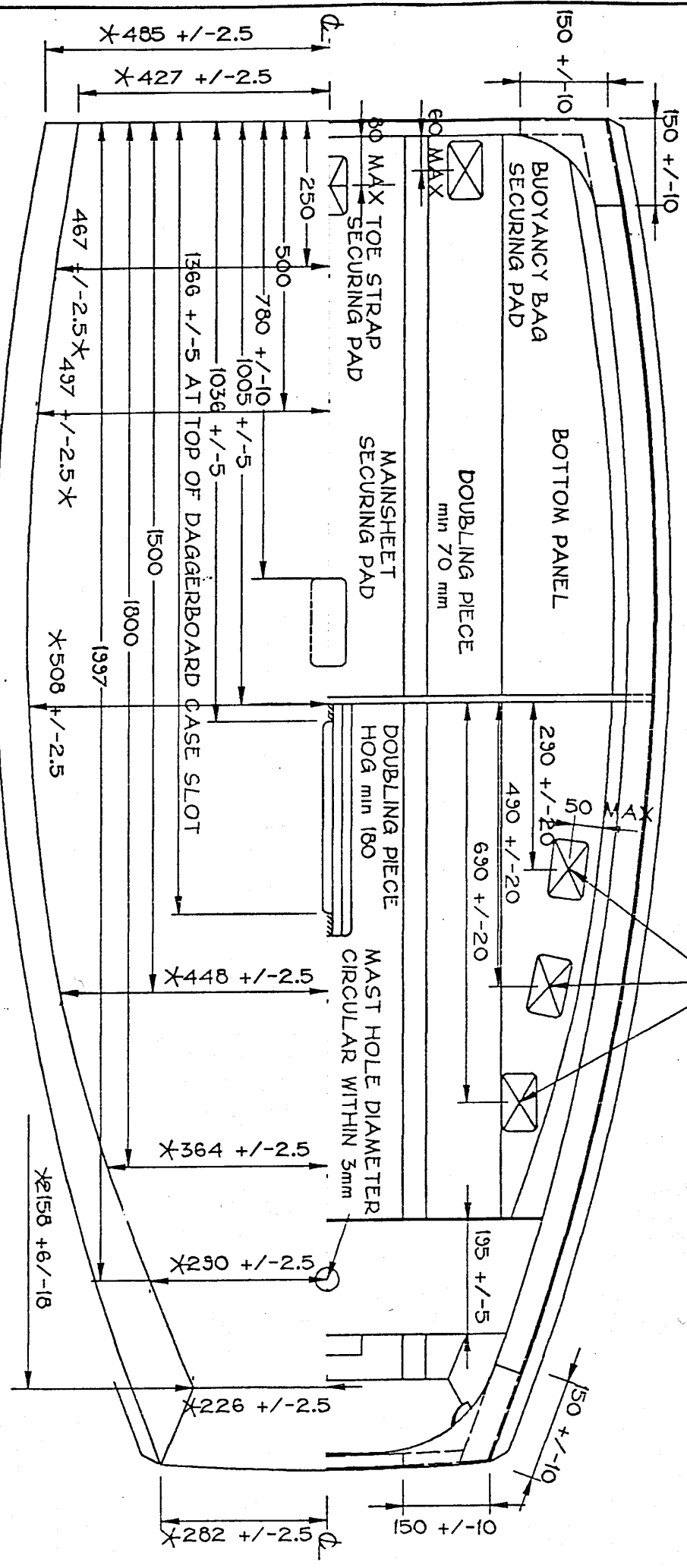
WOOD EPOXY GENERAL & INDEX			
International Optimist	Wood epoxy hull plan Sheet 00/10	Date: March 1 1997	
THIS PLAN SHALL BE READ IN CONJUNCTION WITH THE LATEST CLASS RULES		© 1997 ISAF	Scale

1. The tolerances on hull measurements are intended to allow for genuine building errors and for subsequent distortion only and shall not be used to deliberately alter the design shape
2. In case of discrepancy between, tolerances as specified on the Traditional wooden and Wood epoxy hull measurement forms and tolerances specified in these plans, the measurement form will prevail.
3. Unless otherwise specified all measurements are in mm. (millimeters).
4. The direction of overlap of the plywood of transoms, sides and bottom panel is optional to suit construction method.
5. Figures in *italics* and without tolerances (Sheets 08/10, 09/10 and 10/10) are for guidance of builders. Depending on the construction method allowances may be required. Dimensions shown assume the use of 6mm. plywood throughout.
6. Dimensions shown with tolerances are subject to measurement.

<u>SHEET</u>	<u>LEGEND TITLE</u>	<u>LATEST REVISION (yymmdd)</u>
00/10	General & Index.	970301
01/10	Hull Plan.	970301
02/10	Sheerline plan.	970301
03/10	Section on hull Centre line	970301
04/10	Sheerline co-ordinates	970301
05/10	Forward transom and frame	970301
06/10	Mast thwart bulkhead	970301
07/10	Daggerboard case	970301
08/10	Midship frame	970301
09/10	Aft transom	970301
10/10	Aft transom Top frame and Stern post	970301

DRAWINGS AND DIAGRAMS ARE NOT PRINTED TO SCALE

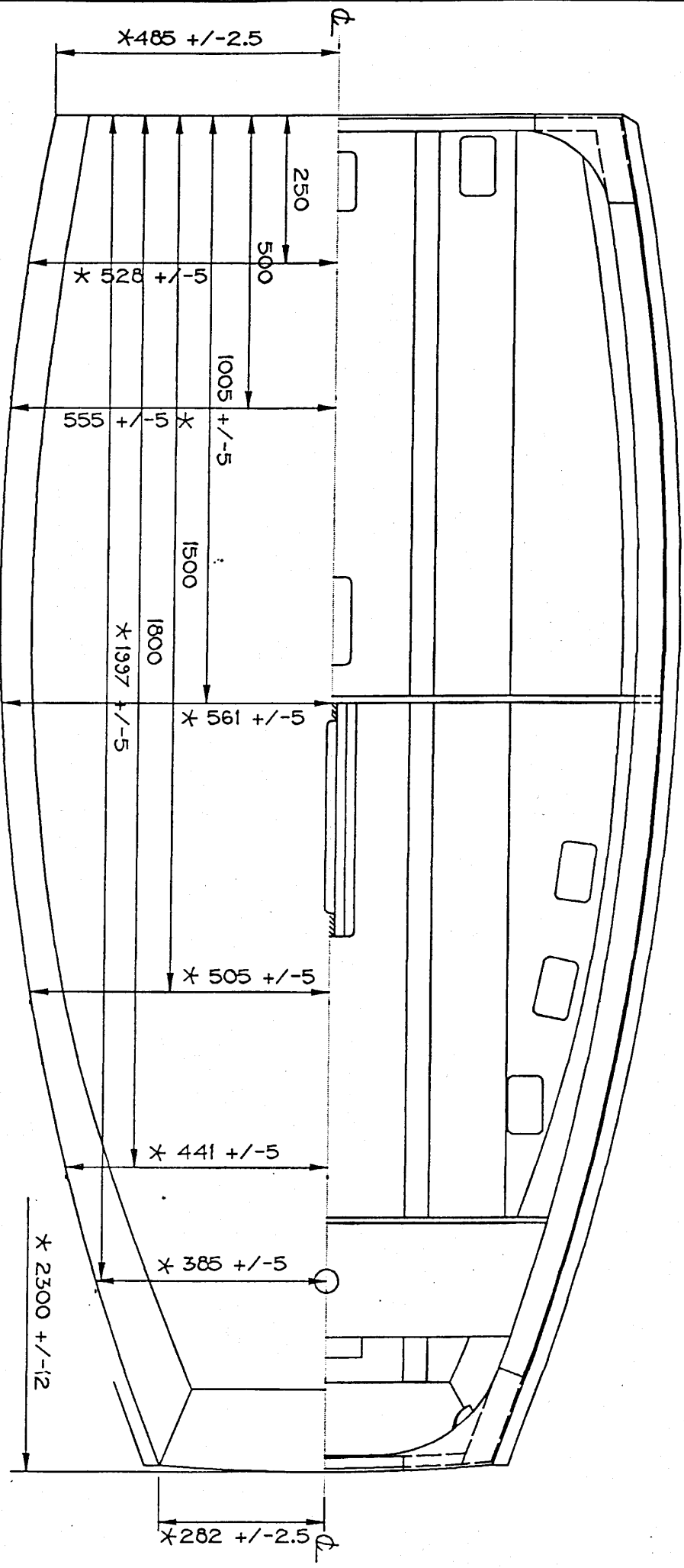
Scaling if any is only mentioned to clarify proportional variations between drawings.



NOTE:
 ALL TOE STRAP AND
 BUOYANCY BAG SECURING PADS TO BE
 12mm PLYWOOD MAX 60x100
 MAINSHEET SECURING PAD
 12mm PLYWOOD MAX 60x150mm

* ALL DIMENSIONS MARKED
 THUS ARE EXTERNAL

International Optimalist	HULL PLAN	
Wood Epoxy	Hull Plan Sheet 01/10	Date March 1 1997
This plan shall be read in conjunction with the latest class rules		©1997 ISAF Scale 1:10

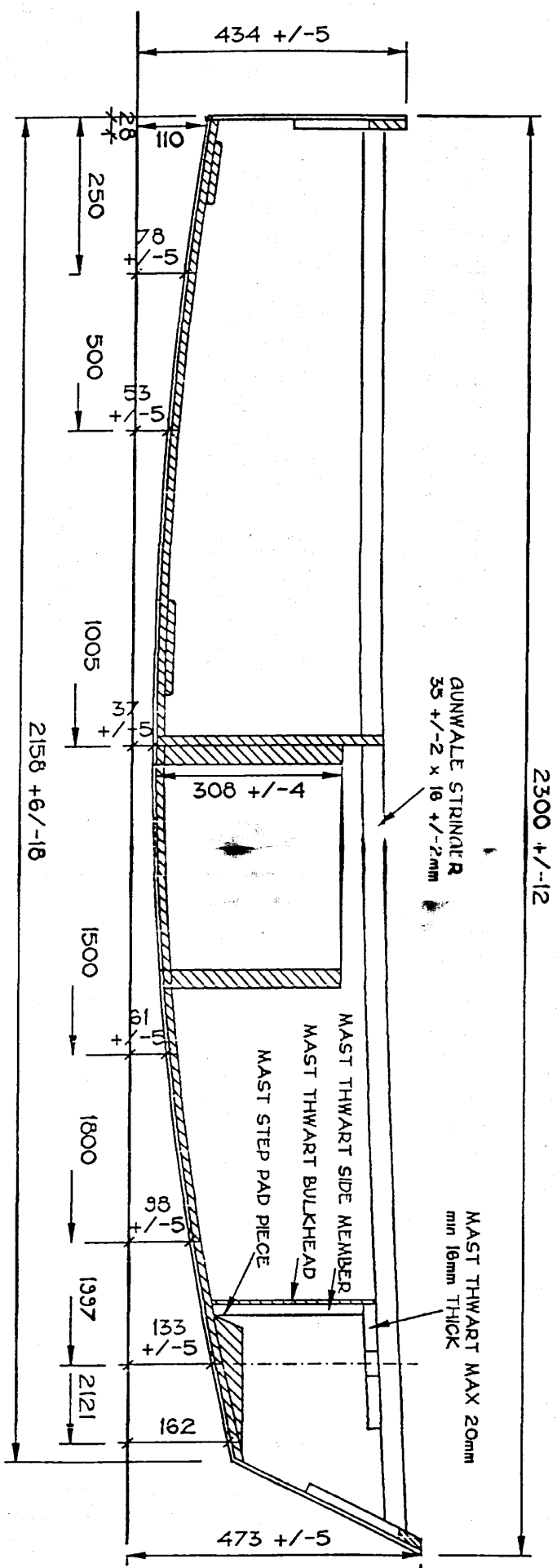


* ALL DIMENSIONS MARKED THUS
 ARE TO OUTSIDE OF HULL,
 EXCLUDING RUBBING STRAKE

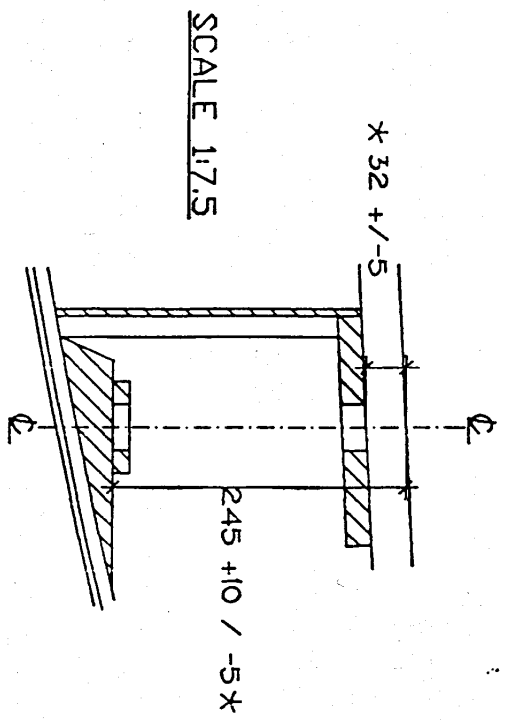
97/03/01 D.F.

International Optimist		SHEERLINE PLAN	
Wood Epoxy	Hull Plan Sheet 02/10	Date	March 1 1997
This plan shall be read in conjunction with the latest class rules		©1997 ISAF	Scale 1:10

MAST HOLE MEASUREMENTS



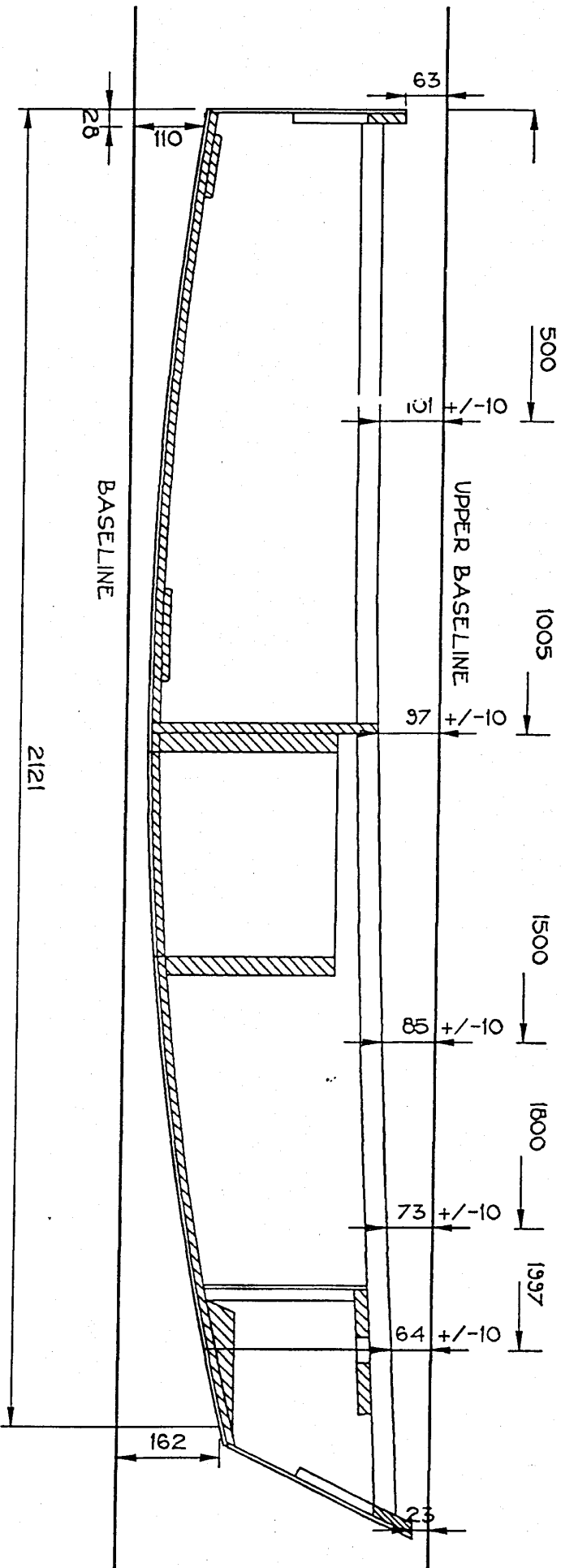
SECTION ON HULL CENTRE LINE



SCALE 1:7.5

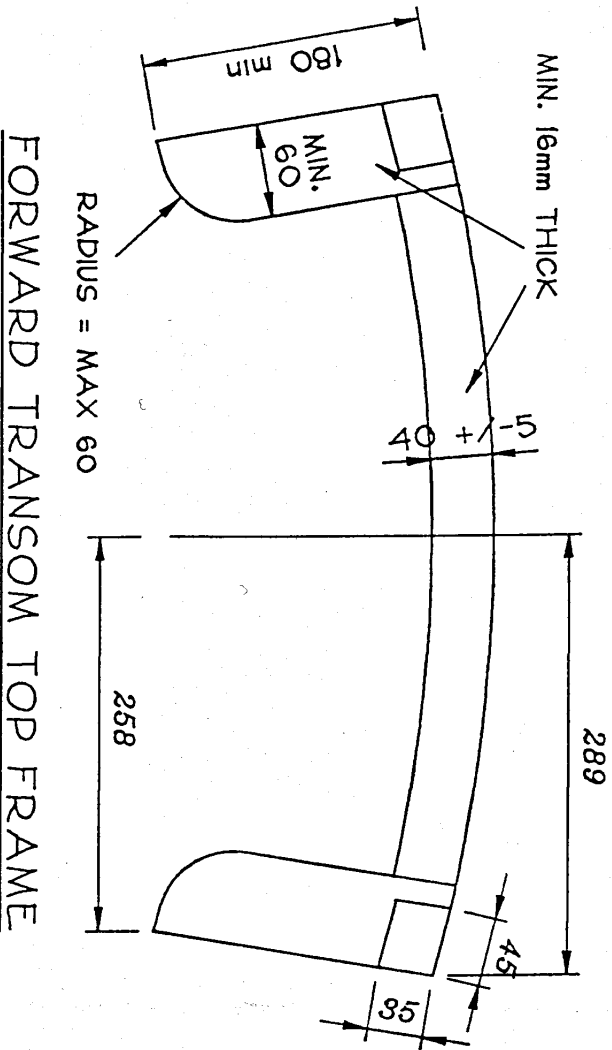
* MEASURED AT CENTRE OF MAST HOLE

International Optimalist	SECTION ON HULL CENTRE LINE
Wood Epoxy	Hull Plan Sheet 03/10
Date	March 1 1997
This plan shall be read in conjunction with the latest class rules	
©1997 ISAF	Scale 1:10

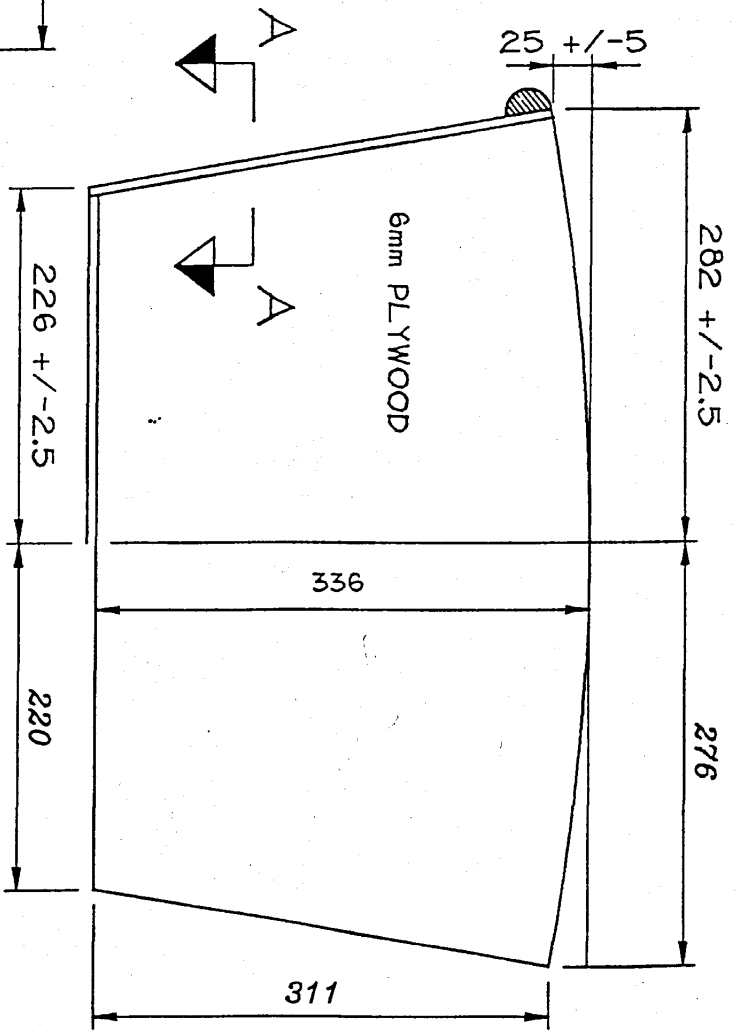


SECTION ON HULL CENTRE LINE

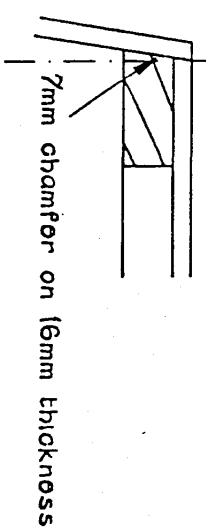
International Optimist	SHEERLINE CO-ORDINATES	
Wood Epoxy	Hull Plan Sheet 04/10	Date March 1 1997
This plan shall be read in conjunction with the latest class rules		©1997 ISAF Scale 1:10



FORWARD TRANSONM TOP FRAME



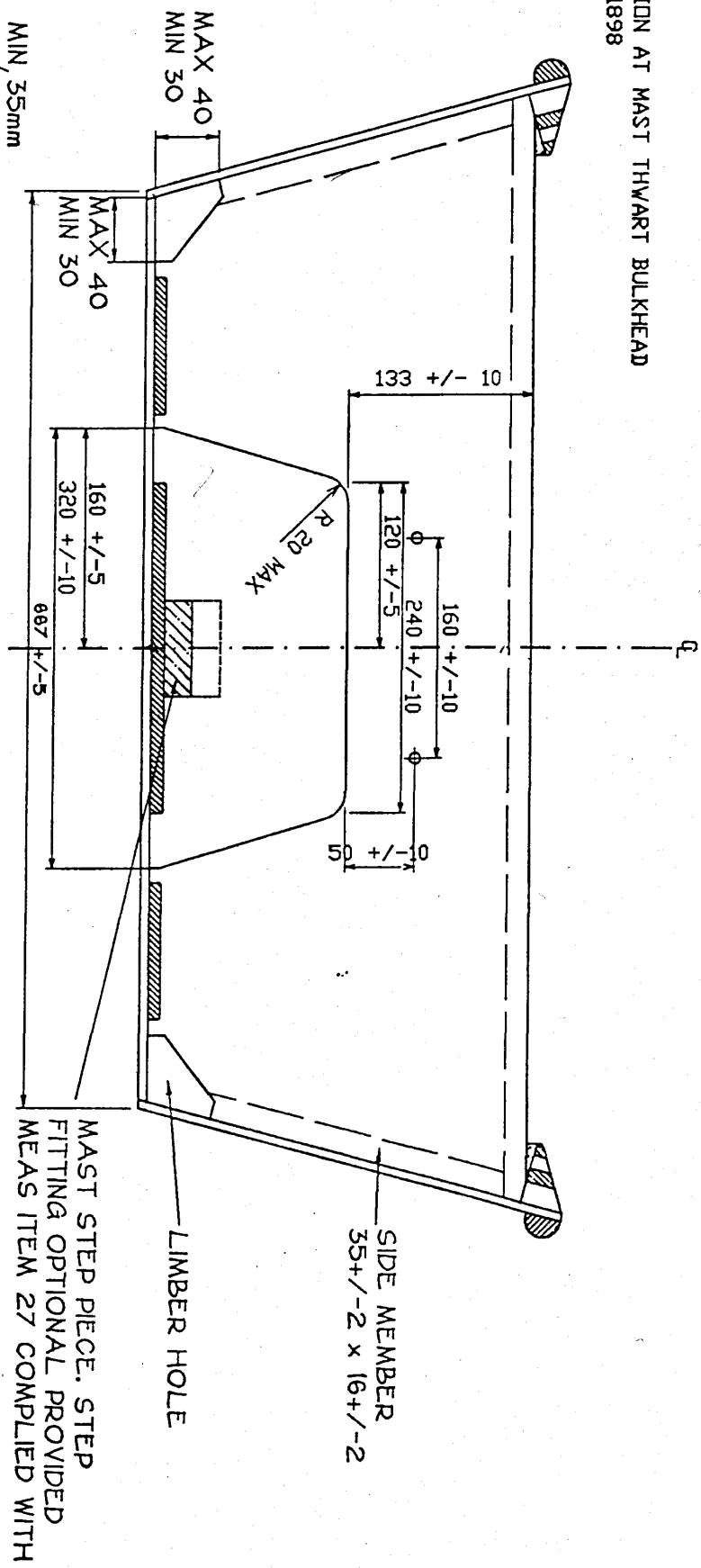
FORWARD TRANSONM
VIEW OF FORWARD FACE



SECTION A-A

International Optimist	FORWARD TRANSONM AND FRAME
Wood Epoxy	Hull Plan Sheet 05/10
Date	March 1 1997
This plan shall be read in conjunction with the latest class rules	
©1997 ISAF	Scale 1:5

SECTION AT MAST THWART BULKHEAD
X = 1898



6mm PLYWOOD
500 Rule 3.2.1.2
RUBBING STRAKE
RADIUS 12.5 MAX
500 Rule 3.2.2.15

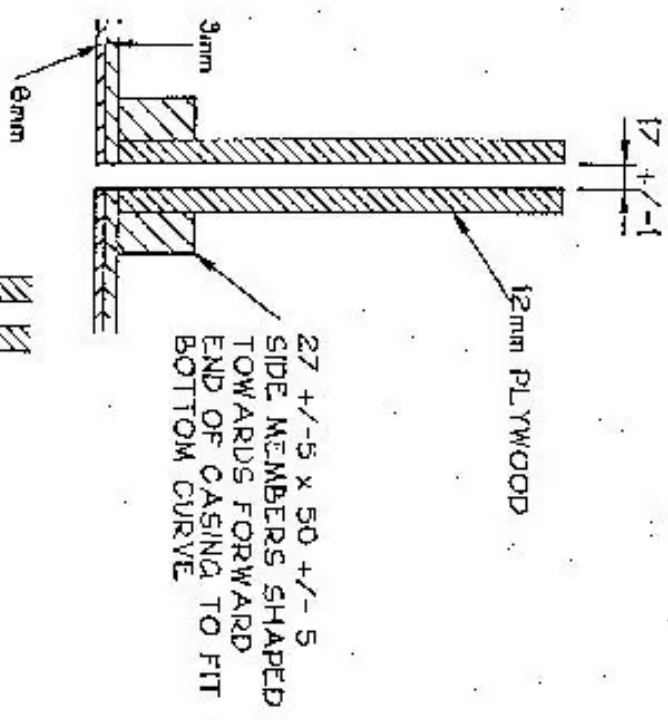
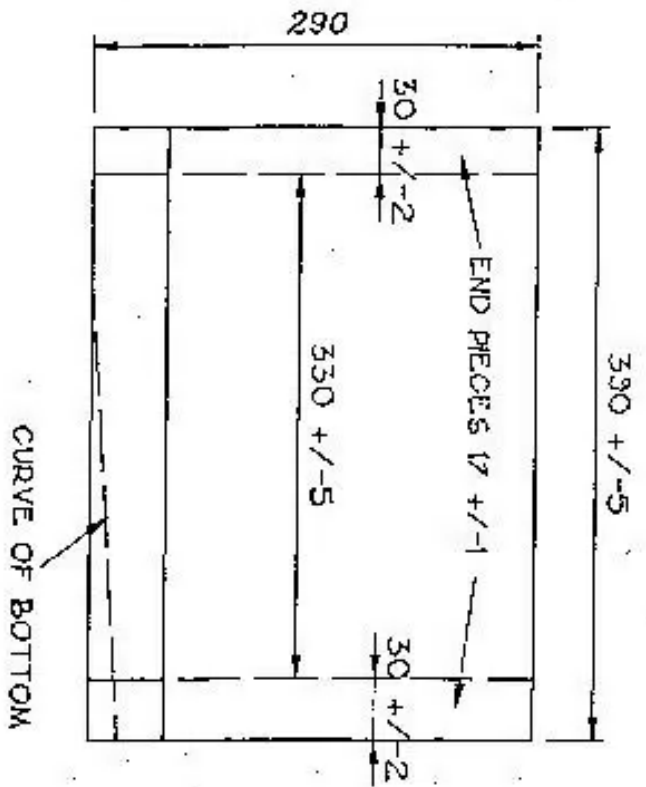
SUGGESTED CONSTRUCTION METHOD
FOR GUNWALE

SECTION THROUGH GUNWALE

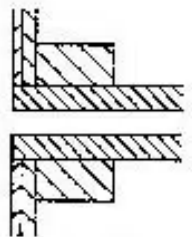
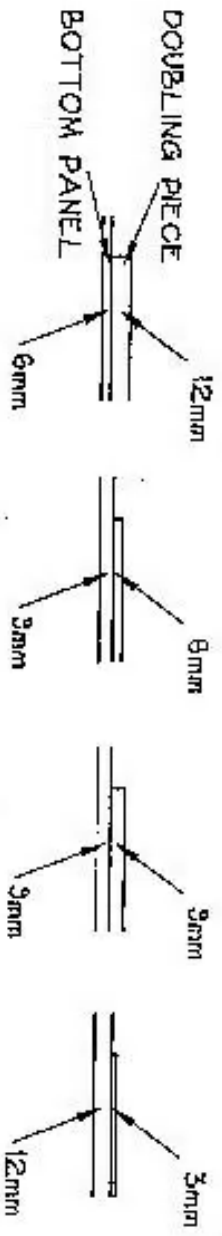
Scale 1:2.5

97/03/01 D.F.

International Optimist	MAST THWART BULKHEAD
Wood Epoxy	Hull Plan Sheet 06/10
Date	March 1 1997
This plan shall be read in conjunction with the latest class rules	©1997 ISAF Scale 1:5



DAGGERBOARD CASE

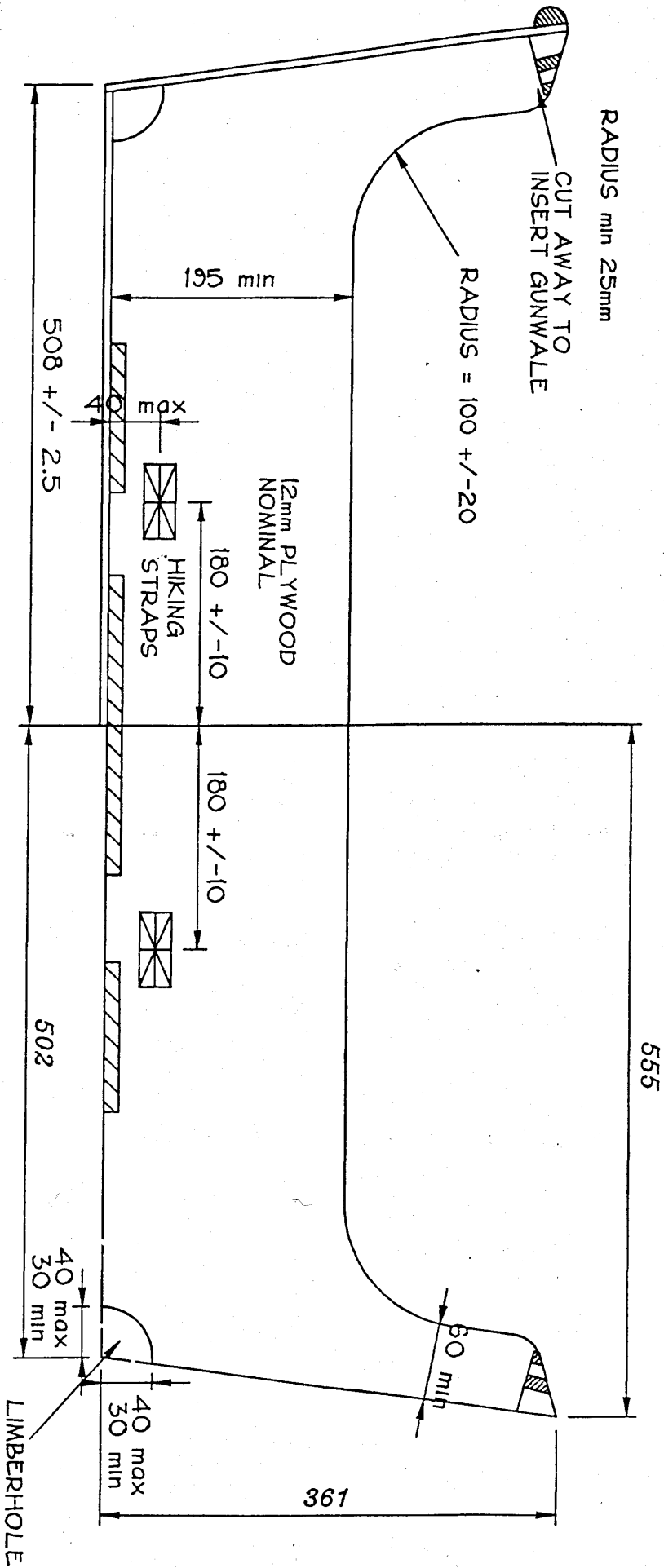


ALTERNATIVE CONSTRUCTION
DAGGERBOARD CASE MAY
EXTEND THROUGH BOTTOM

NOTE:
Minimum thickness of bottom panel
plus doubling piece = 15mm see class
rule 3.2.4.1 (iii)
Height of case construction will
depend on option chosen

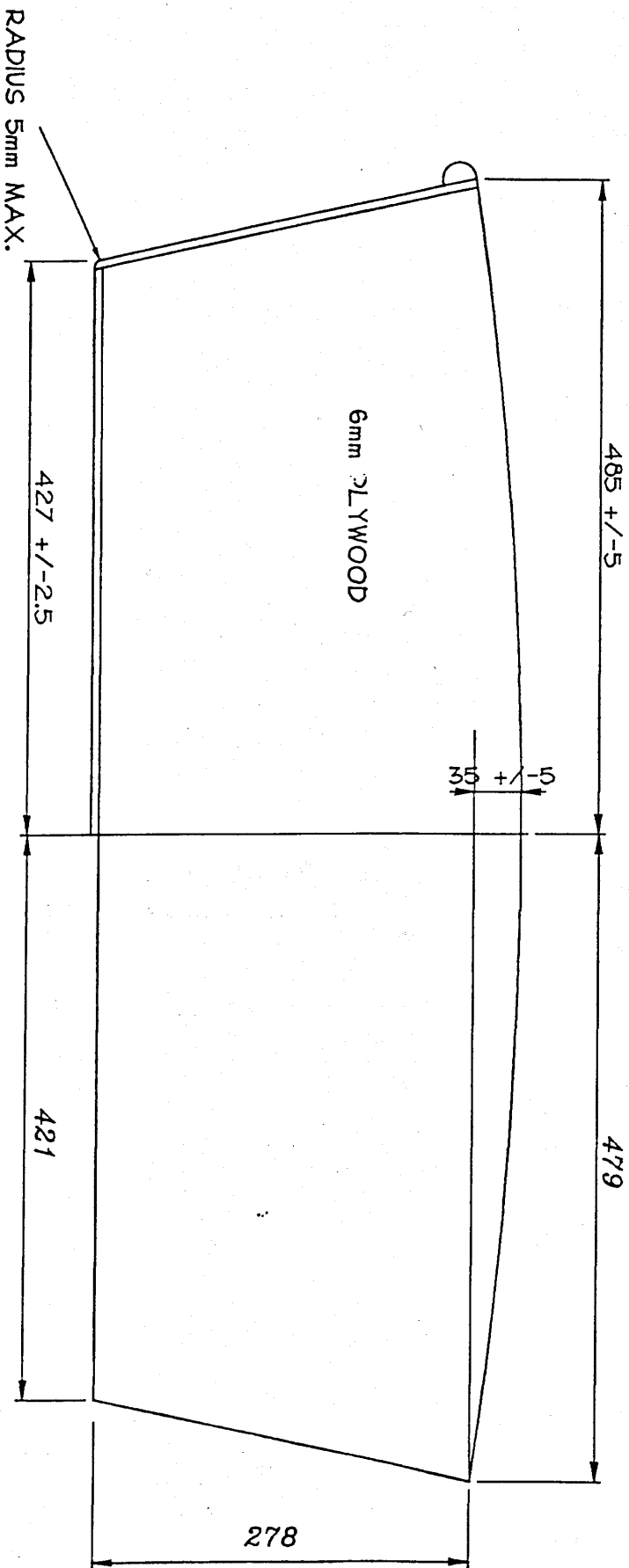
ALTERNATIVE ARRANGEMENTS FOR BOTTOM PANEL

International Optimist	DAGGERBOARD CASE
Wood Epoxy	Hull Plan Sheet 07/10
	March 1 1997
This plan shall be read in conjunction with the latest class rules	
Q1997 ISAF	Scale 1:5



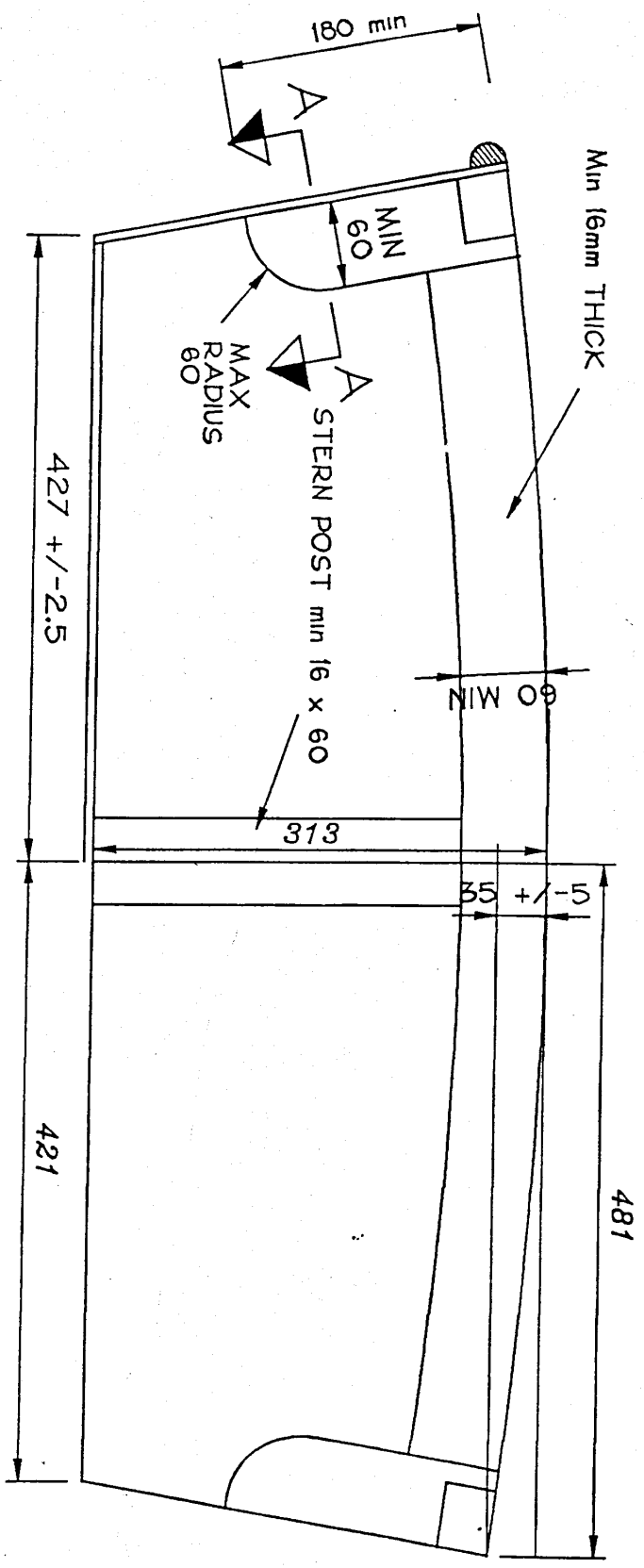
MIDSHIP FRAME
 (VIEWED FROM AFT)

International Optimist	MIDSHIP FRAME	
Wood Epoxy	Hull Plan Sheet 08/10	Date March 1 1997
This plan shall be read in conjunction with the latest class rules		
	Q1997 ISAF	Scale 1:5

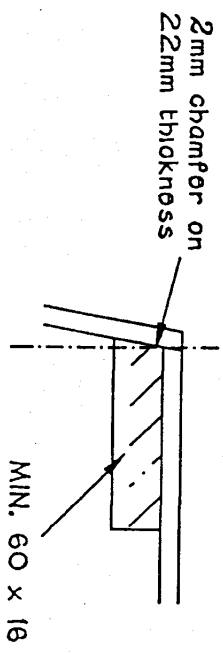


AFT TRANSOM
VIEWED FROM AFT

International Optimist	AFT TRANSOM	
Wood Epoxy	Hull Plan Sheet 09/10	Date March 1 1997
This plan shall be read in conjunction with the latest class rules.		
	©1997 ISAF	Scale 1:5



AFT TRANSOM TOP FRAME AND STERN POST



SECTION A-A

97/03/01 D.F.

International Optimist	AFT TRANSOM TOP FRAME AND STERN POST
Wood Epoxy	Hull Plan Sheet 10/10
This plan shall be read in conjunction with the latest class rules	
Date	March 1 1997
Q1997 ISAF	Scale 1:5