

International Optimist

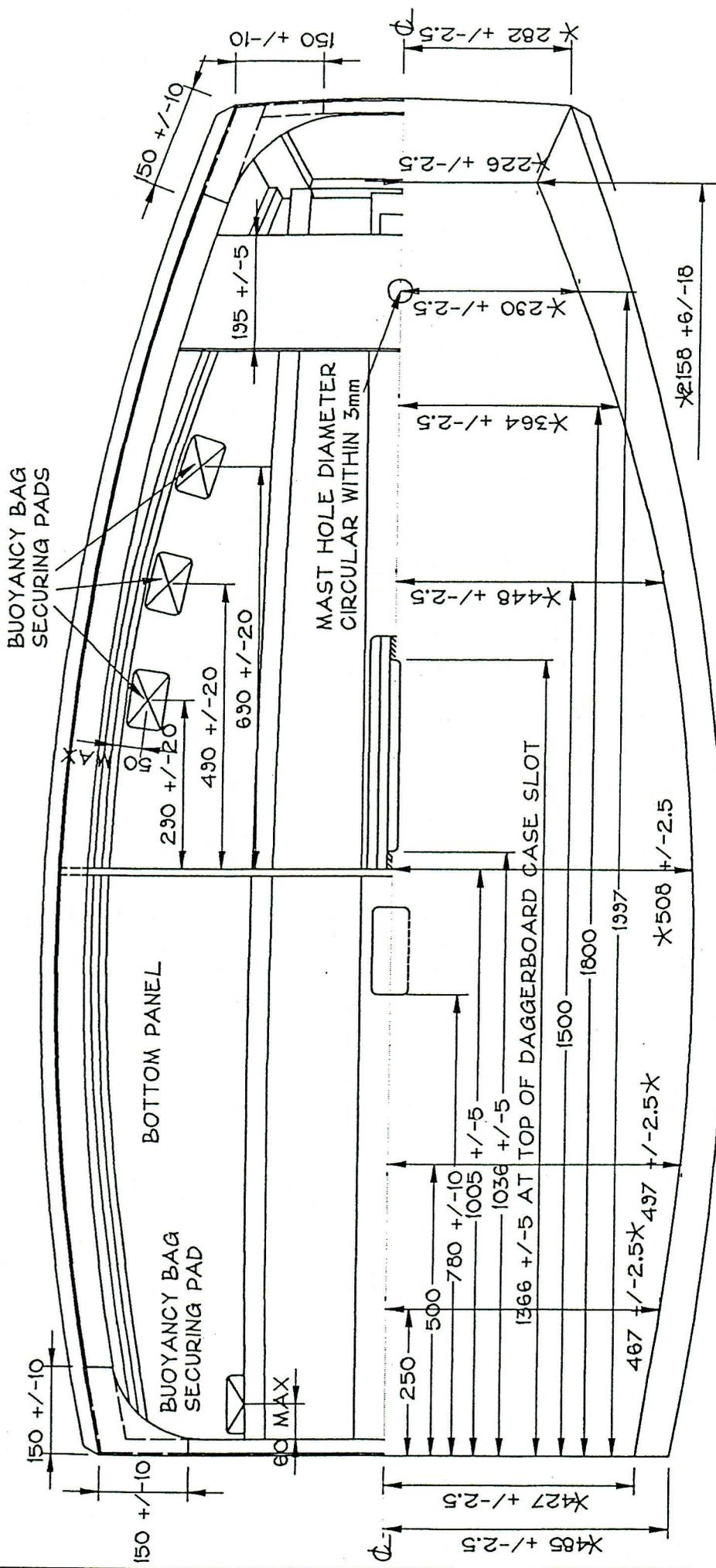
TRADITIONAL WOODEN GENERAL & INDEX		
International Optimist	Wooden hull plan Sheet 00/10	Date: March 1 1997
THIS PLAN SHALL BE READ IN CONJUNCTION WITH THE LATEST CLASS RULES		© 1997 ISAF Scale

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>	LATEST REVISION (yymmdd)
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.

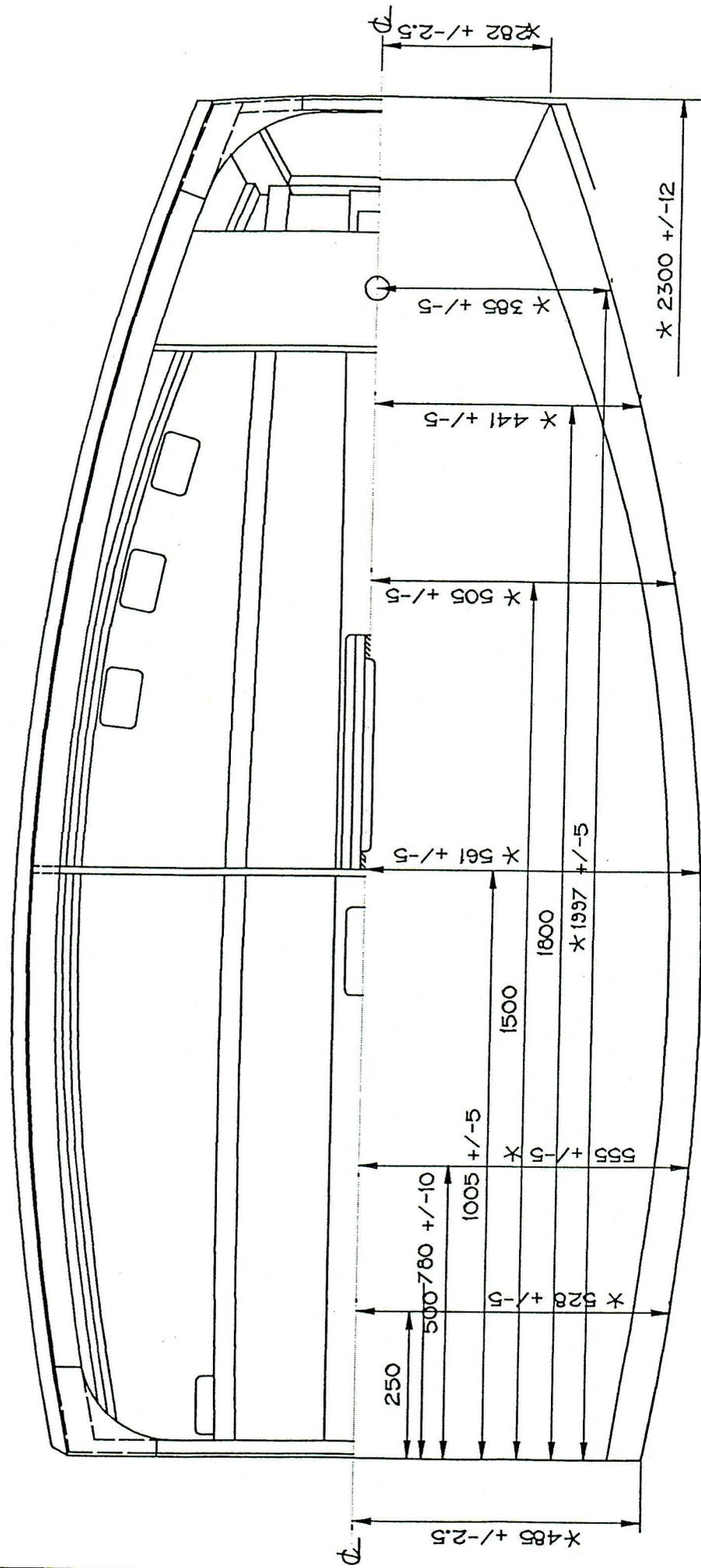


* ALL DIMENSIONS MARKED
THUS ARE EXTERNAL

NOTE:
BUOYANCY BAG SECURING PADS
TO BE 12mm PLYWOOD MAX 60x100

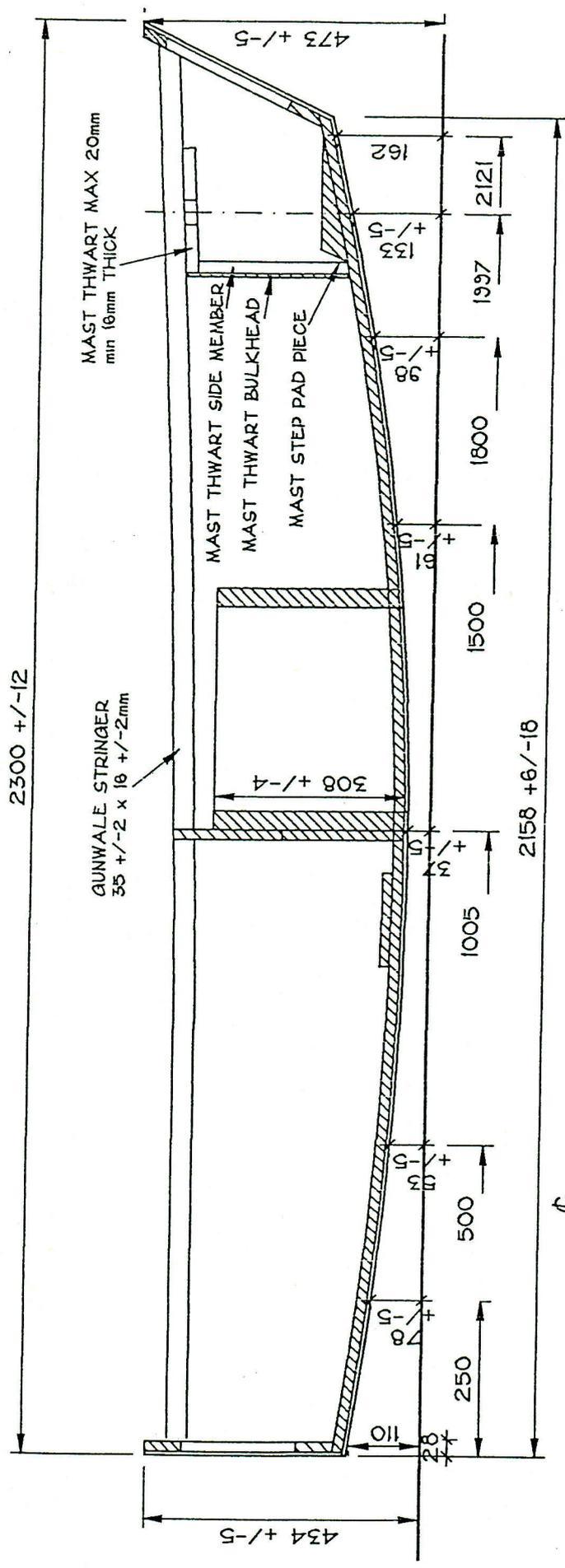
MAINSHEET SECURING PAD
12mm PLYWOOD MAX 60x150mm

International Optimist	HULL PLAN
Traditional Wooden	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

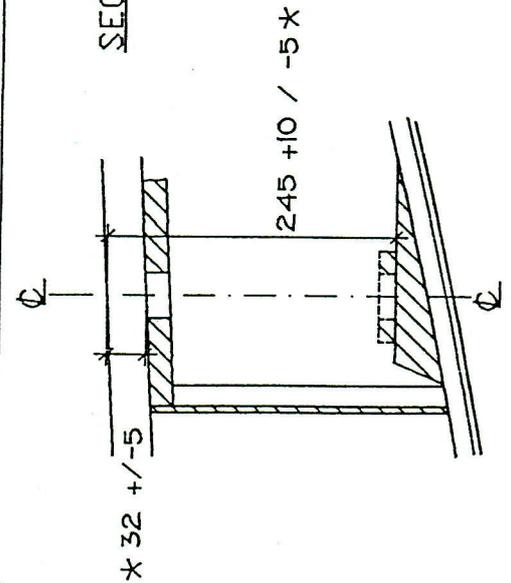


* ALL DIMENSIONS MARKED THUS
 ARE TO OUTSIDE OF HULL
 EXCLUDING RUBBING BEAD

International Optimist	SHEERLINE PLAN	
Traditional Wooden	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		



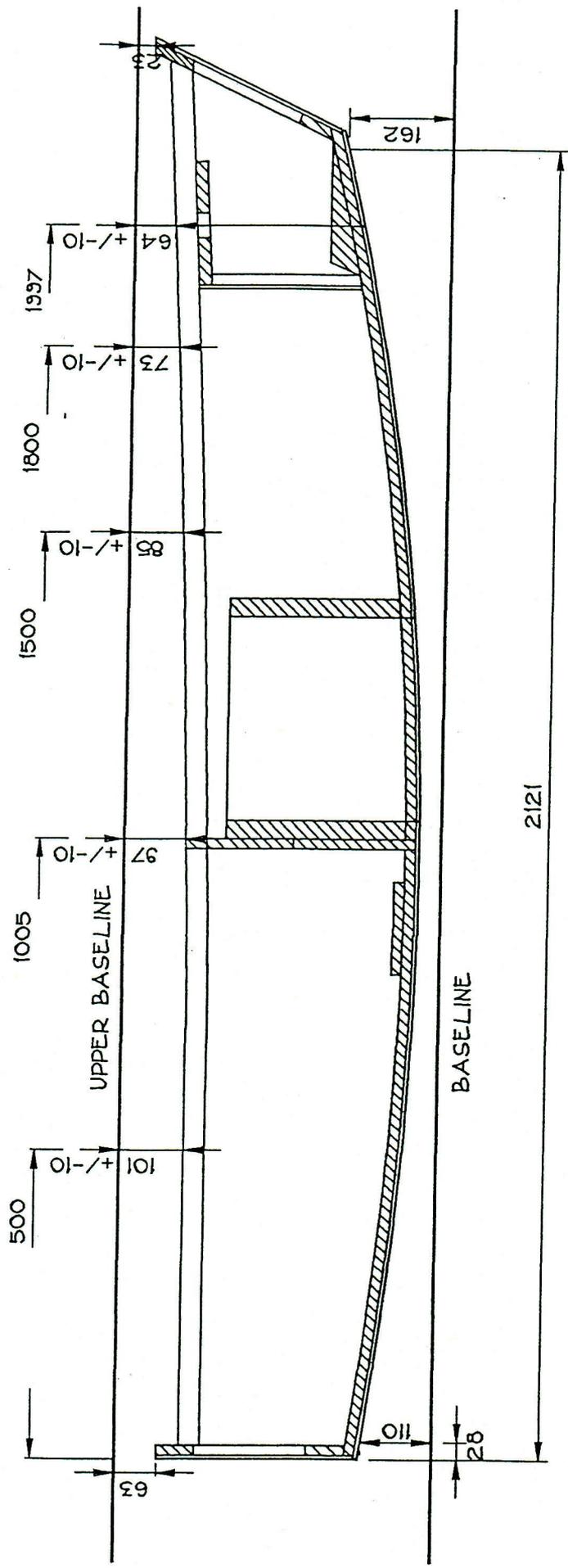
SECTION ON HULL CENTRE LINE



* MEASURED AT CENTRE OF MAST HOLE

International Optimist	SECTION ON HULL CENTRE LINE	
Traditional Wooden	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

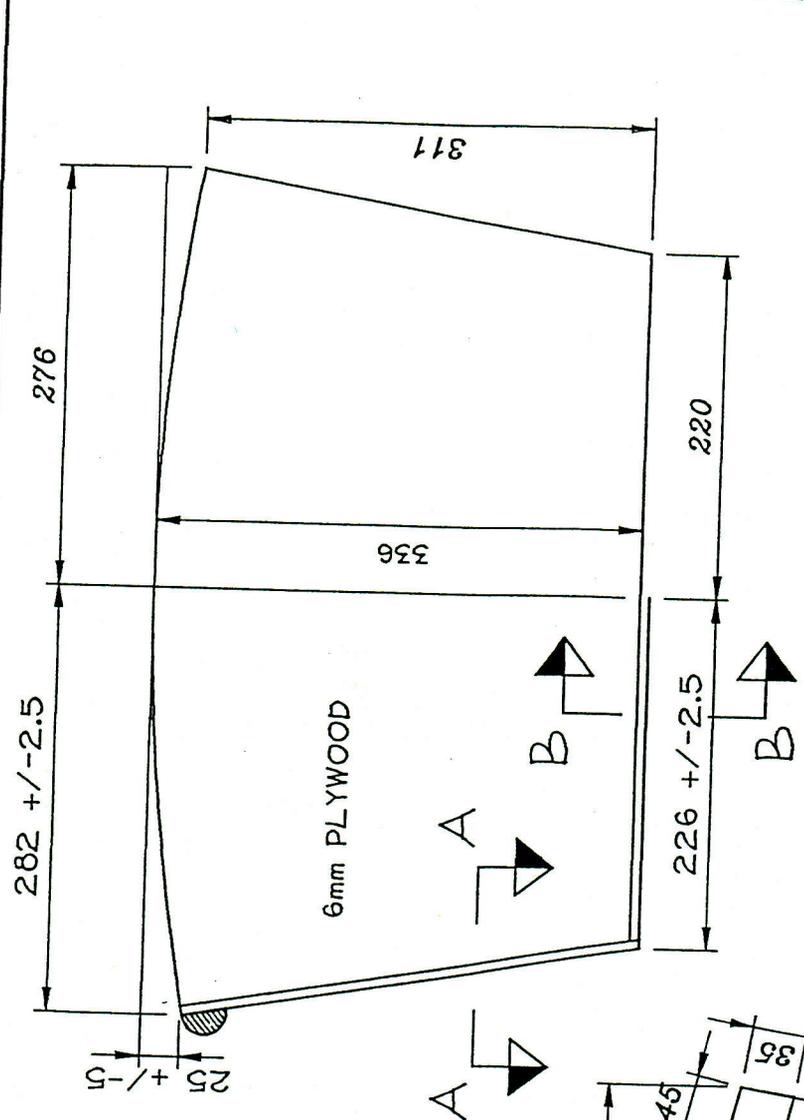
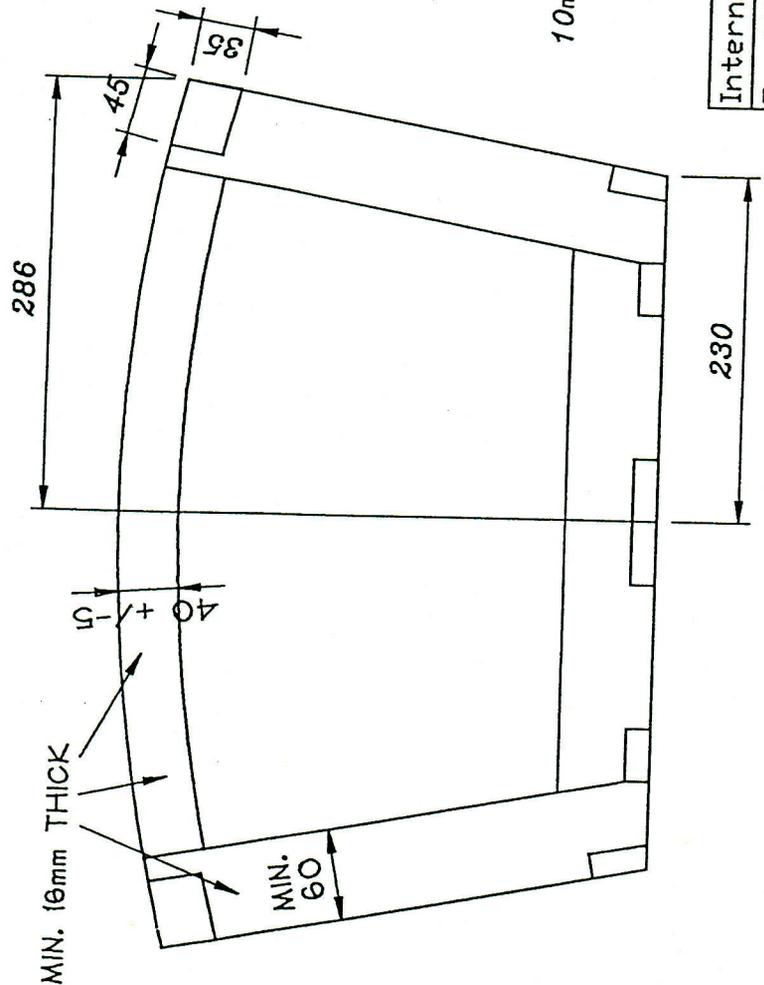
MAST HOLE MEASUREMENTS
SCALE 1:7.5



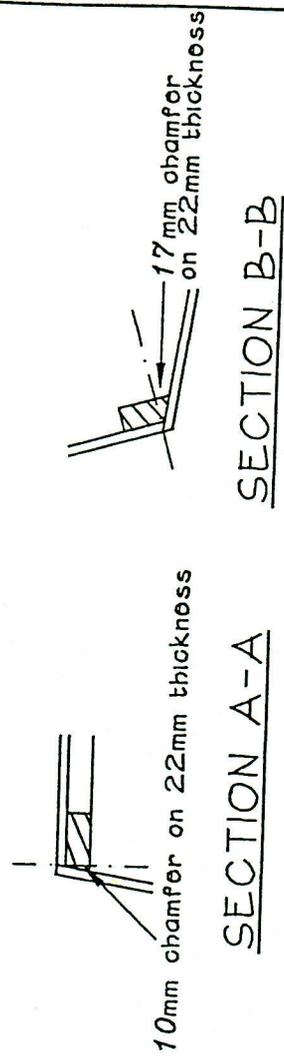
SECTION ON HULL CENTRE LINE

International Optimist	SHEERLINE CO-ORDINATES
Traditional Wooden	Hull Plan Sheet 04/10
Date March 1 1997	
This plan shall be read in conjunction with the latest class rules	
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BOW TRANSOM FRAME

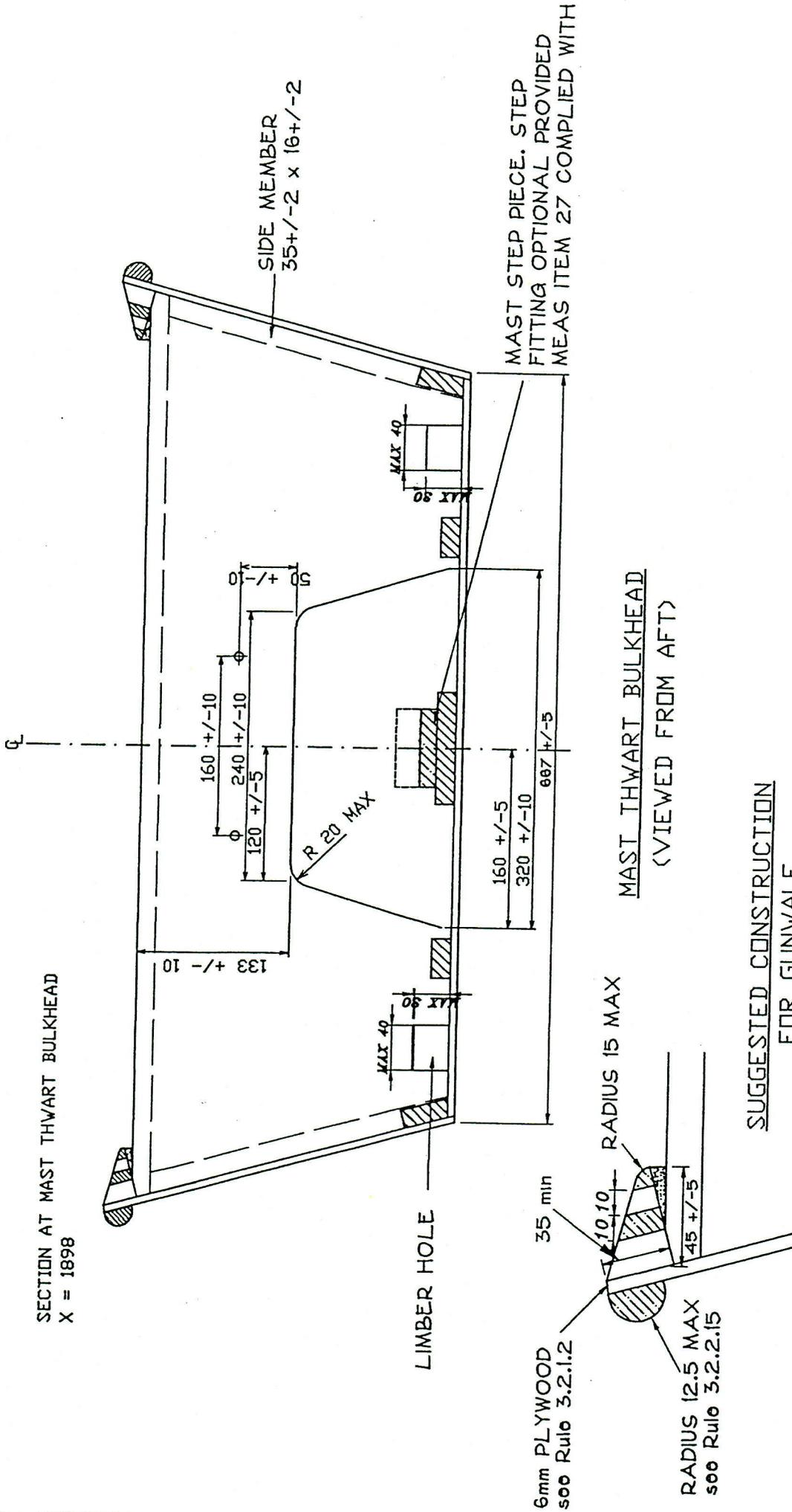


BOW TRANSOM
VIEW OF FORWARD FACE



97/03/01 D.F.

International Optimist	BOW TRANSOM AND BOW FRAME
Traditional Wooden	Hull Plan Sheet 05/10 <small>Date</small> March 1 1997
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SECTION AT MAST THWART BULKHEAD
X = 1898

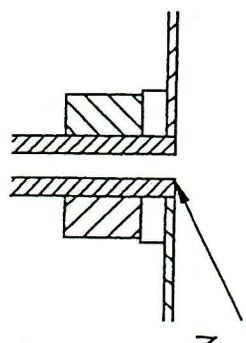
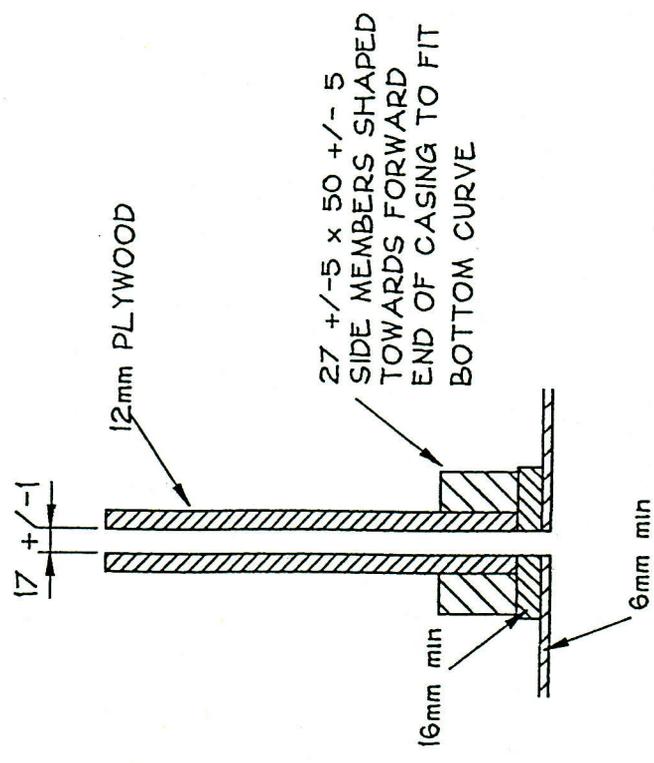
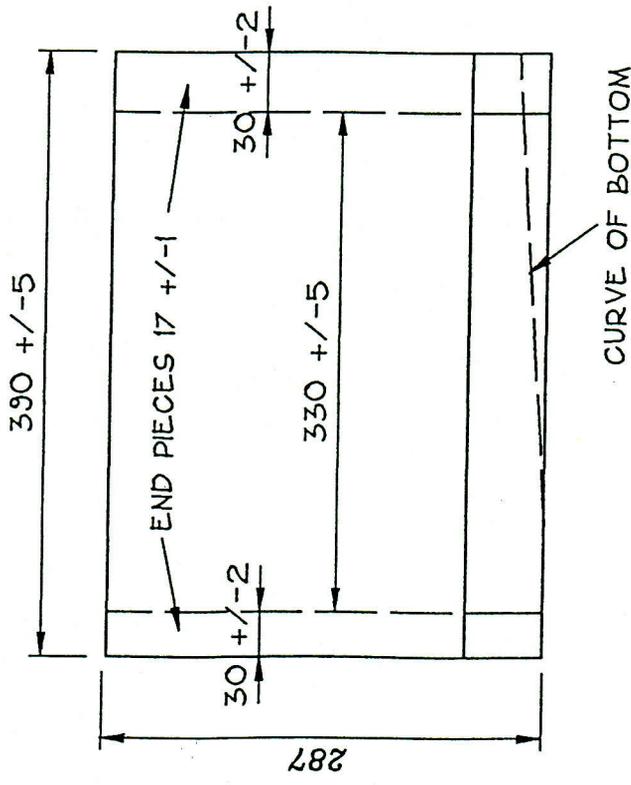
MAST THWART BULKHEAD
(VIEWED FROM AFT)

SUGGESTED CONSTRUCTION
FOR GUNWALE

SECTION THROUGH GUNWALE

Scale 1:2.5

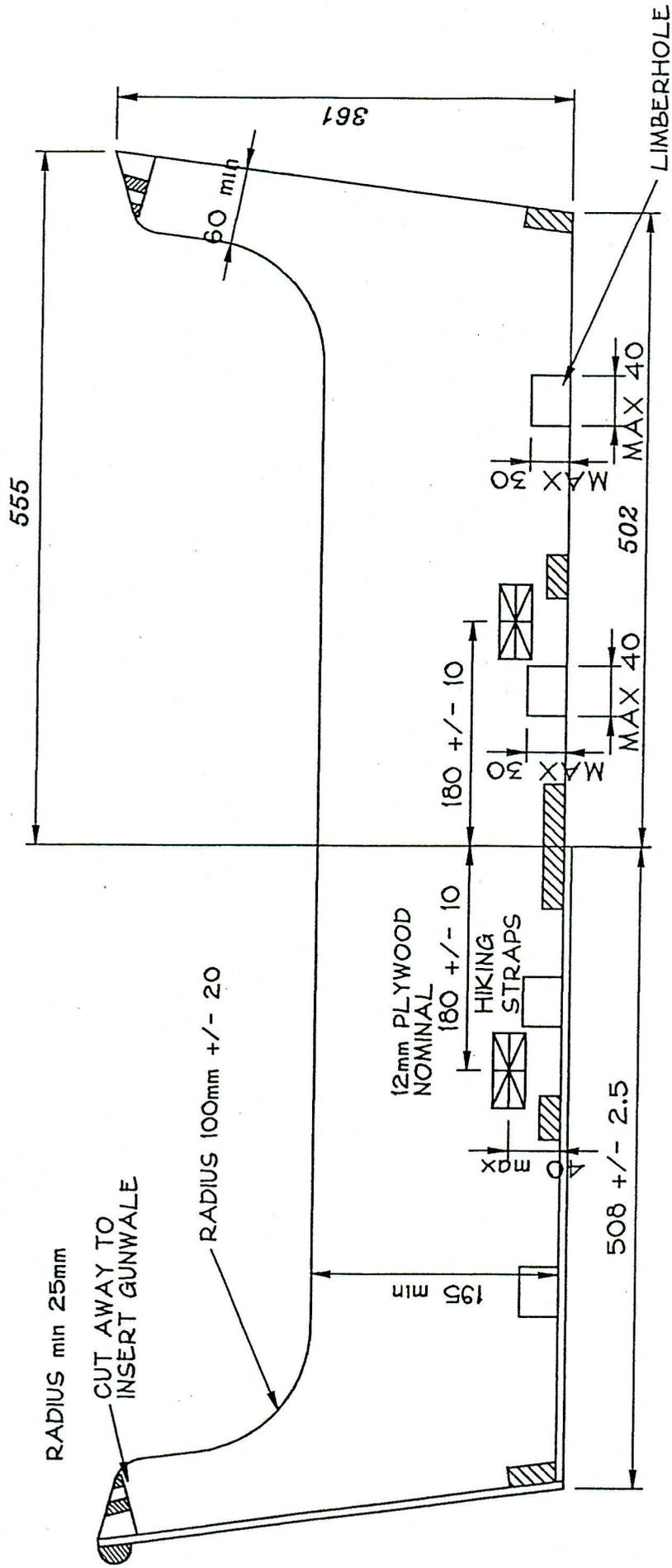
International Optimist	MAST THWART BULKHEAD
Traditional Wooden	Hull Plan Sheet 06/10
Date March 1 1997	
This plan shall be read in conjunction with the latest class rules ©1997 ISAF Scale 1:5	



DAGGERBOARD CASE

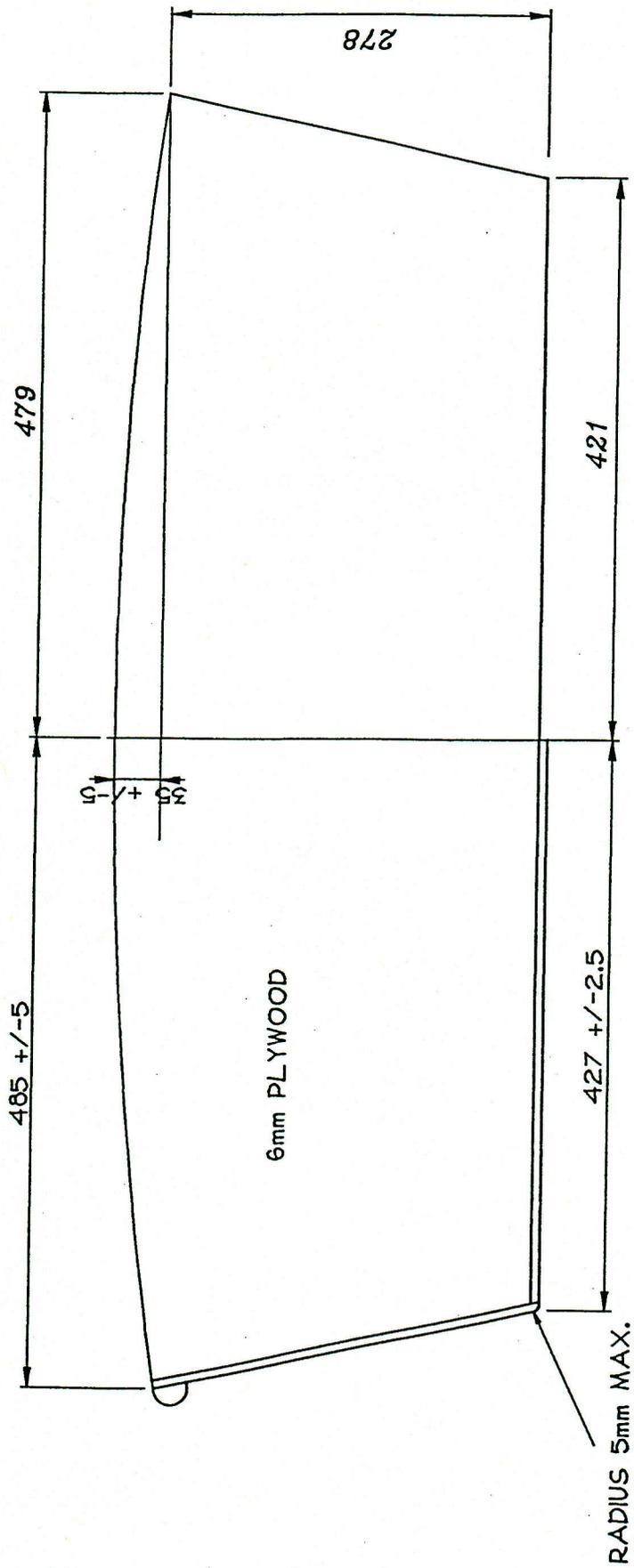
ALTERNATIVE CONSTRUCTION
DAGGERBOARD CASE SIDES
MAY EXTEND
THROUGH BOTTOM

International Optimist	DAGGERBOARD CASE	
Traditional Wooden	Hull Plan Sheet 07/10	Date March 1 1997
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MIDSHIP FRAME
(VIEWED FROM AFT)

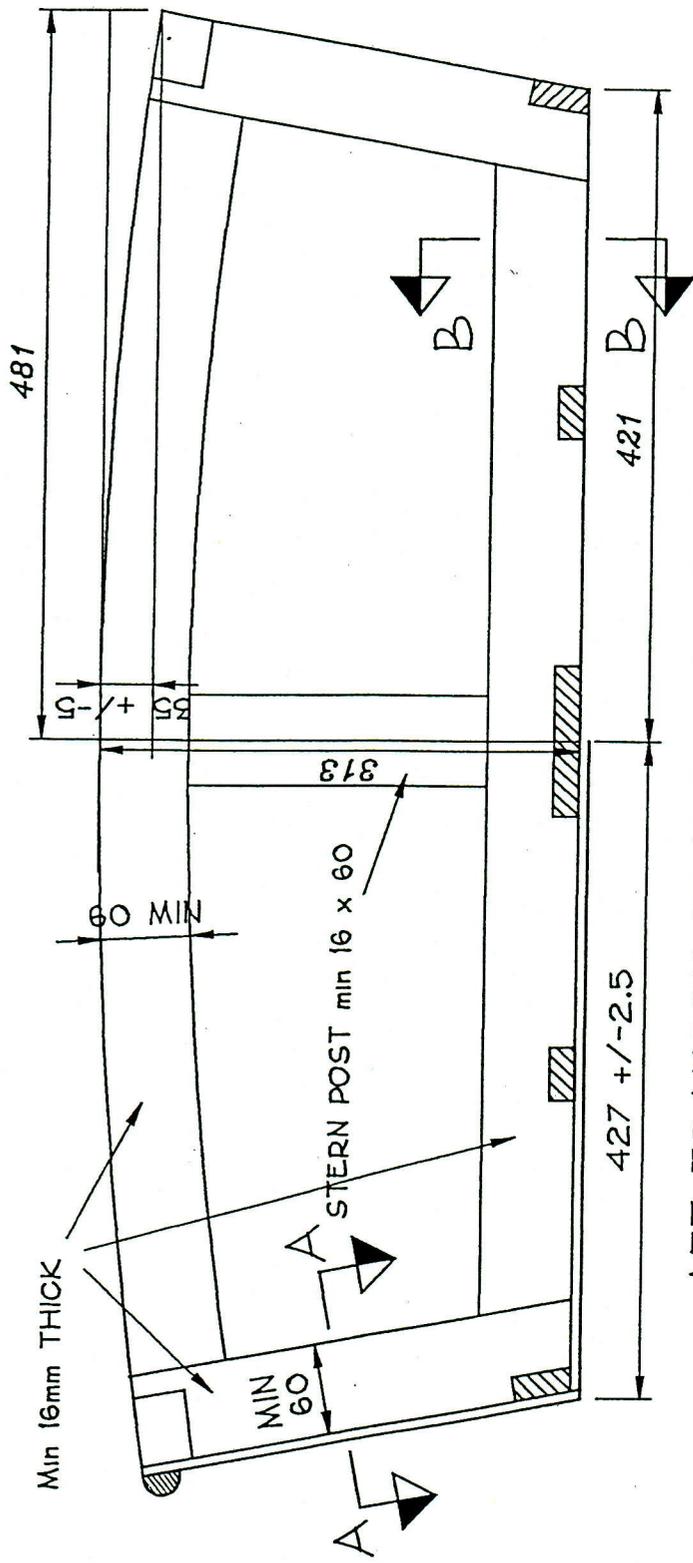
International Optimist	MIDSHIP FRAME
Traditional Wooden	Hull Plan Sheet 08/10
Date March 1 1997	
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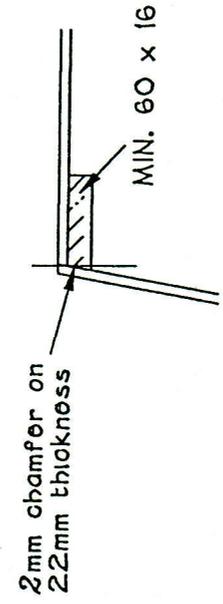
AFT TRANSOM
VIEWED FROM AFT

97/03/01 D.F.

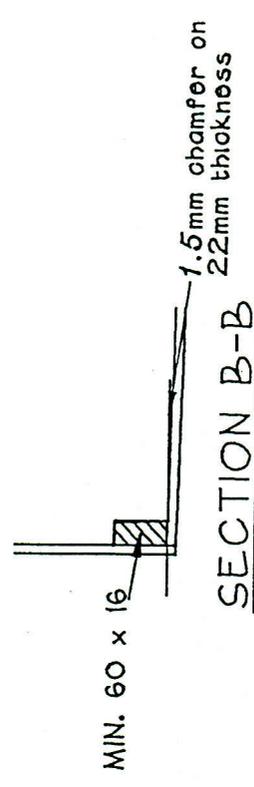
International Optimist	AFT TRANSOM	
Traditional Wood	Hull Plan Sheet 09/10	Date March 1 1997
This plan shall be read in conjunction with the latest class rules		
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AFT TRANSOM FRAME AND STERN POST



SECTION A-A



SECTION B-B

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