TRANSOM IS SAME AS FOR 5.2 M BOAT.

NOTE THE CHANGE IN THE BOTTOM FRAME FOR PLYWOOD CONSTRUCTION = Pmw.
TRANSOM IS SAME AS FOR 5.2 M BOAT

NOTE THE CHANGE IN THE BOTTOM FRAME FOR PLYWOOD CONSTRUCTION = Pw.
TRANSOM IS SAME AS FOR 5.2 M BOAT.

NOTE THE CHANGE IN THE BOTTOM FRAME FOR PLYWOOD CONSTRUCTION = Pw.
NOTE THE CHANGE IN THE BOTTOM FRAME FOR PLYWOOD CONSTRUCTION = Pw.
Use a sheet of ordinary plywood, thickness = 9 mm or 12 mm and cut as shown.

FOR FRAMES

EXAMPLE: TRANSONM = T
Sheer

Do the same for the chine

Construction base for transom
The beam of the various boats can be modified on the basis of the frame dimensions given in pages 6 to 10. The maximum increase in the beam is 20% which means that the moulded beam increase from 1.85 m to 2.20 m.

As an example how this is done is taken the frames from midship and forward.
Start with the widest frame and multiply the half beam with the chosen factor of increase, in this case = 1.2.
Draw a line parallel with the base line and mark off the new beam.

From this new sheerpoint, draw a line parallel with the old sideframe and transfer the length of the sideframe = B and mark off the new chinepoint.
Draw the new bottom frame.
Draw a line at right angle to the side frame through the old sheerpoint.
Measure the distance C from the new sheerpoint down to this line.

On the next frame, draw a line through the sheerpoint and at right angle to the sideframe. Draw a parallel line at a distance = C.
Multiply the halfbeam of this frame with the factor = 1.2 and mark off the new sheerpoint on the parallel line drawn earlier.
Transfer the length of the old sideframe = E to the new sideframe in the same way as done for the midship frame.
From the new chinepoint draw the new bottomframe.
Modify the remaining frames in the same way.
Check the result by drawing a line through the sheerpoints. This should give an even curve close to a straight line.

Do the same for the frames aft of midship, starting with the midship frame.

Increasing the beam from the original designs will require an extra batten in the bottom.

Forward only one batten is required provided the span of the planking is below 270 mm.