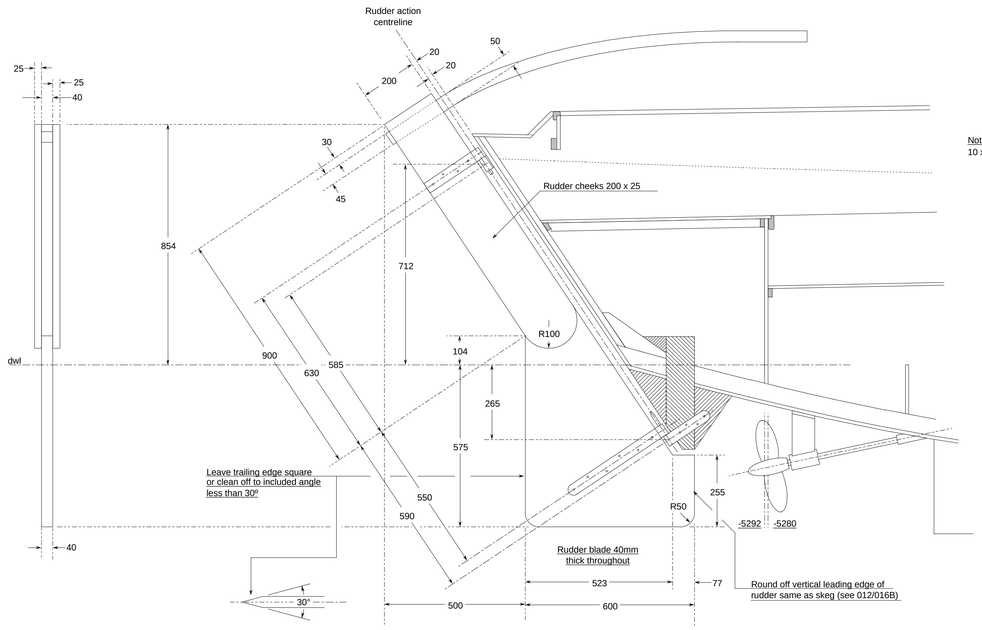
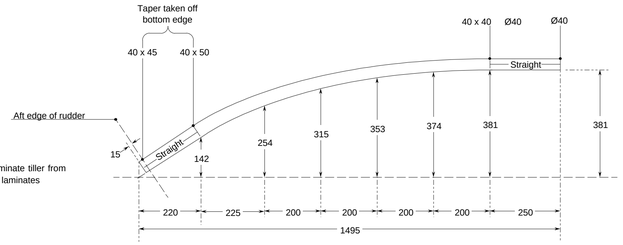
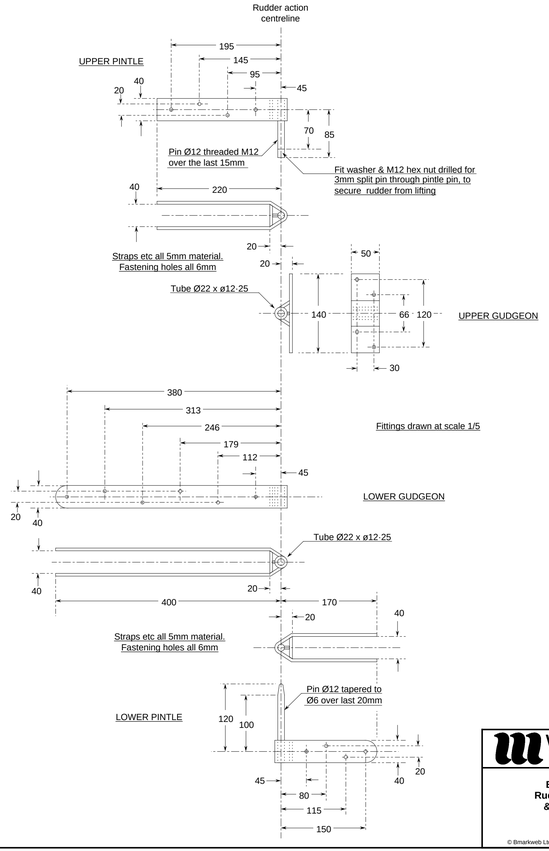




Note: Laminate tiler from 10 x 5mm laminates



Notes:

1. All dimensions in millimetres unless otherwise noted.
2. Rudder blade is 40mm thick throughout. Grain runs parallel to line of rudder (i.e. line of transom).
3. Rudder blade cheeks are 25mm thick and are WEST bonded to blade. Grain as for blade.
4. Top of blade ends on underside of tiller (note 5mm taper). 40mm block is WESTed between cheeks above tiller. Tiller fits into tapered slot so formed and is held in by 5mm split pin through rudder and tiller.
5. Cheeks are housed out 5mm deep in way of upper pintle. After cheeks are bonded to blade, pintle is slid in and fastened through cheeks, blade and pintle straps.
6. All rudder fittings are bolted in place with M6 Grade A4 stainless steel bolts & nuts.
7. Rudder fittings are fabricated from Grade 316 S16 stainless steel. Straps etc. are all 5mm thick material. Full penetration double fillet and double butt welds.

General Notes:

1. All dimensions are in millimetres unless otherwise noted.
2. The Zero Point is the intersection of the Datum Water Line (dwl) with the stemface.
3. Positions are measured fwd and aft (marked "-") of the Zero Point.
4. Heights are measured above and below (marked "-") the dwl.
5. Offsets are measured each side of the fore-&-aft centreline (marked "℄" or c/line).
6. Waterlines are designated "wl" followed by their height.
7. Buttocks are designated "b" followed by their offset.
8. Diagonals are designated "d" followed by their start height on the centreline and their angle to it.
9. Offsets on diagonals are measured down the angle of the diagonal.
10. Offsets are to inside of skin unless noted otherwise.

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Boat 012
Rudder, Tiller & Fittings

Scale	1/10 & 1/1
Date	14/01/2009
Plan No.	012/008/02
Issue No.	01 web
Drawing Size	895 x 305 – 35" x 12"

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