

CHART 9B (14/6/2004)

Fully Fixed Doubly Pitched Portal Frame : TC3, 3m Bays, 10deg. Roof Pitch
 Initial Estimate of Frame Member Size Based on Maximum Design Moment (Limit State)

NB: This chart to be used in conjunction with : Harrison, S.C (2003), Member Selection Charts for Portal Frame Sheds – 10° Doubly Pitched Frames, For wind Region A1, TC3.
 Available from <http://users.senet.com.au/~metamorf/>

This Chart is a variation of chart 9 in the afore mentioned publication, with the following modifications:

- 1) C200-24 excluded
- 2) All Curves cut-off at height of 2100mm.
- 3) Regions where a given c-section is suitable have been shaded.
- 4) Height Span Ratio of 0.5 indicated.
- 5) Vertical & Horizontal scales equal.
- 6) Matches a drawing scale of 1:100 (Check scale on print-out before using)
- 7) Horizontal Lines for common Building Heights shown.
- 8) Building envelopes and design points for 3 common sizes of shed indicated.
- 9) Building Envelope for recommended factory dimensions added (18m wide x 6m high)

