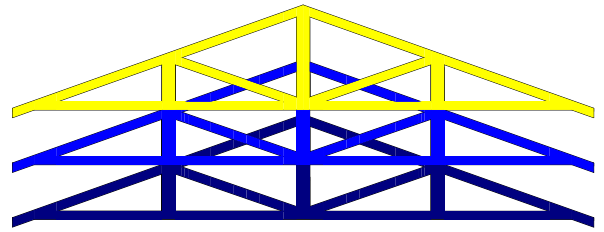


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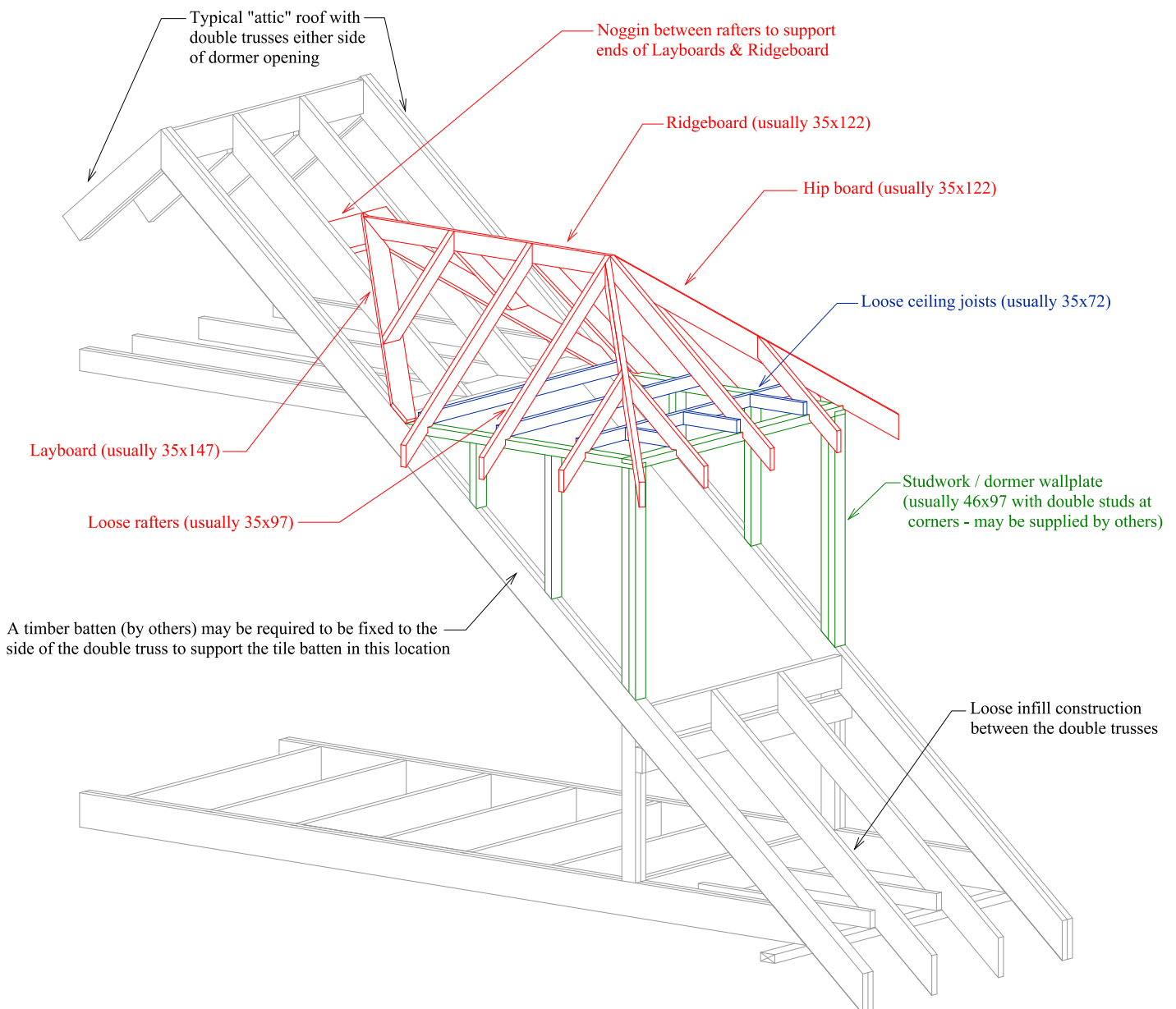
TECHNICAL DATA SHEET No. 29 - HIPPED DORMER ROOFS

Dormer windows are commonly used with "attic" or "raised tie" type trusses. Dormer roofs are usually formed using loose timbers, although for larger span openings it may be more cost effective to use trussed rafters. The dormer roof is built "on top" of the main roof structure, using studwork to form the vertical "cheeks" and the window opening.

An attic truss with a typical "hipped" dormer roof constructed using loose timbers is shown below. Alternative types of dormer roof construction are shown on Technical Data Sheet 30, whilst further information on forming openings within attic truss roofs is given in Technical Data Sheet 11.

ISOMETRIC VIEW OF A HIPPED DORMER ROOF STRUCTURE

(bracing timbers & metalwork have been omitted for clarity)



PLEASE NOTE:

The specific contract drawings should be consulted regarding dormer timber sizes. Timber sizes stated above are for guidance only.

Trussed rafters should NEVER be cut or modified on site without the prior approval of the trussed rafter designer/manufacturer. In most cases retrospective cutting of trussed rafters to form dormer openings will not be feasible, therefore they must be allowed for in the original design scheme for the roof.

The "Roof Designer" is responsible for the design of all loose infill timbers. Unless Dover Trussed Roof Company are specifically employed as Roof Designer, all loose timbers to form dormer roofs are supplied in good faith but without design responsibility.