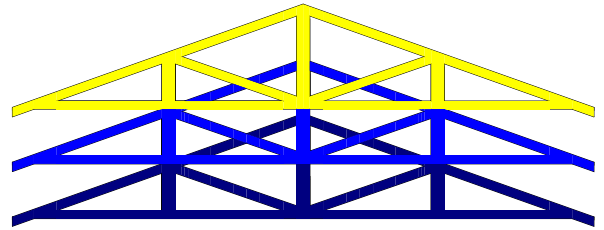


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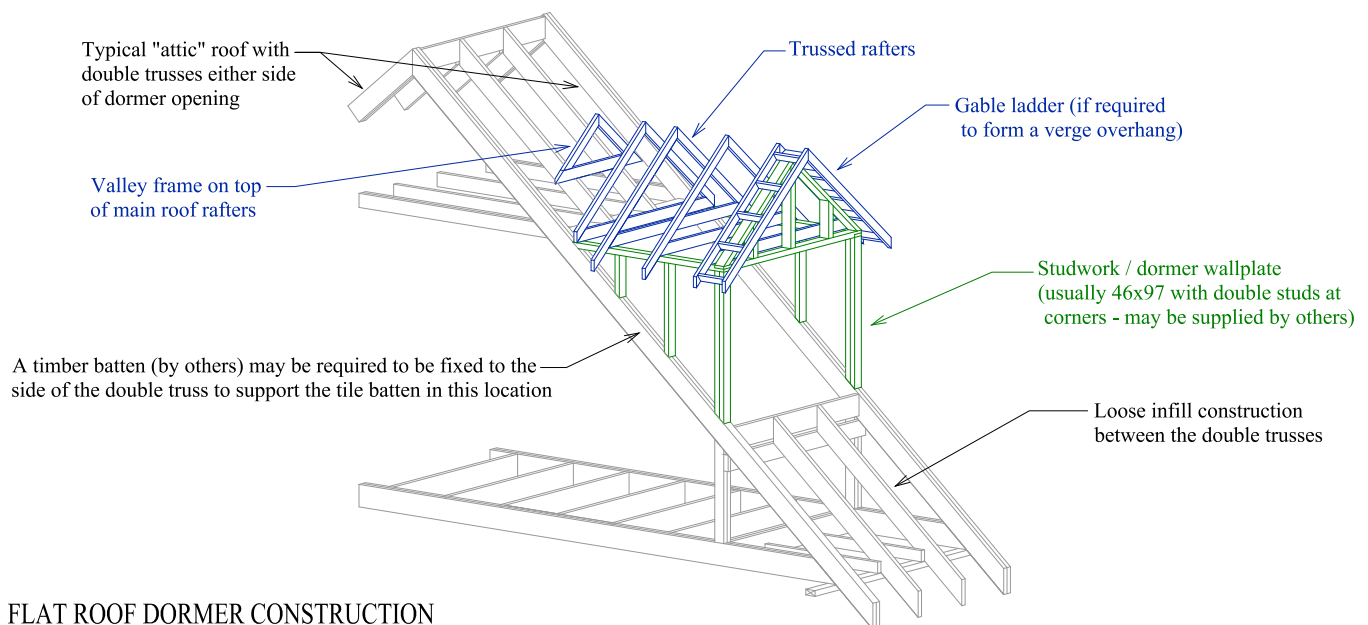
TECHNICAL DATA SHEET No. 30 - GABLE ENDED & FLAT DORMER ROOFS

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.

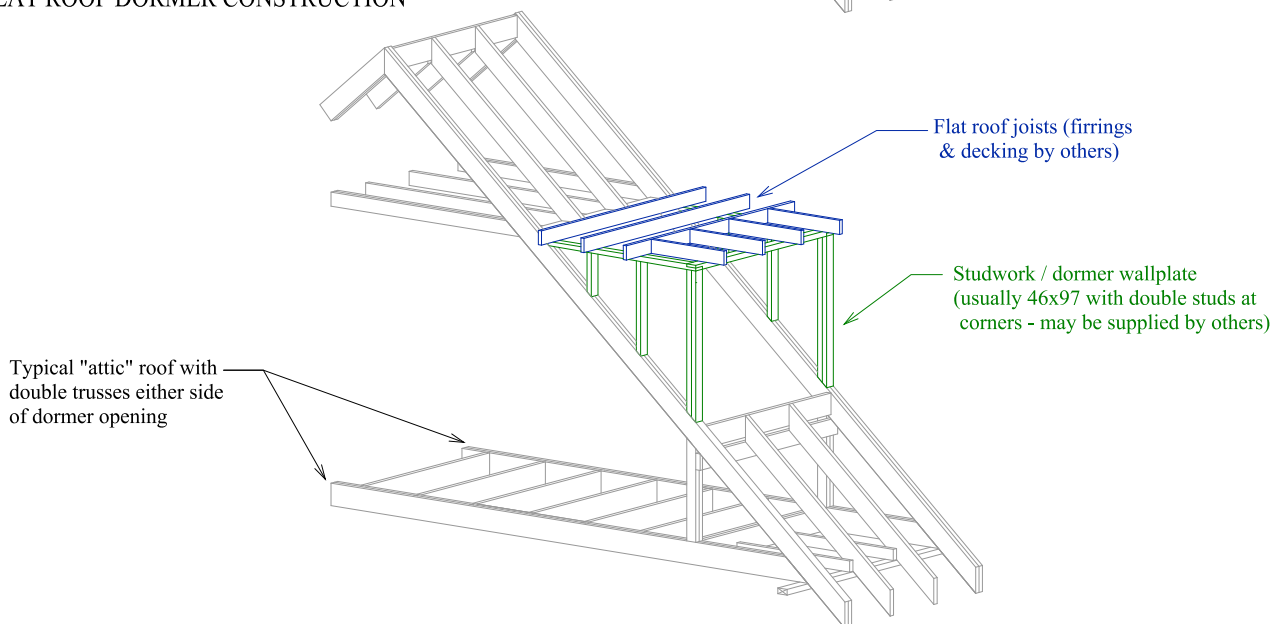
A "gable ended" dormer roof constructed using trussed rafters and a "flat" roofed dormer constructed using loose timbers are both shown below. The construction of a hipped dormer roof is shown on Technical Data Sheet 29, whilst further information on forming openings within attic truss roofs is given in Technical Data Sheet 11.

GABLE ENDED DORMER ROOF STRUCTURE

(bracing timbers & metalwork have been omitted for clarity)



FLAT ROOF DORMER CONSTRUCTION



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.