



Approximate height difference of 280mm is achieved by using a raised plate top eaves beam is half-lapped over tie beam

9.27m²

Raised Plate @ 6m gives a larger volume at first floor than a 6.3m deep building

Flooring remains in the same place (on top of the tie beam) in both designs

6000mm
6300mm

Rafters sit on upper eaves beam for raised plate giving an extra 280mm of headroom

Position of top eaves beam

Rafters sit on lower eaves beam if raised plate is not used

Position of bottom eaves beam

Moisture resistant chipboard floor

Floor joists

Tie beam

Raised Plate rafter position

Normal rafter position

Raised Plate

8.52m²

Raised Plate Detail

Albion Oak