

Boars Tye Barn, Silver End, Rivenhall, Essex.



Roof of the main barn. Joggled side purlin providing strong single joints into the principle rafters above and below collar mortise. The lower run of intermediate rafters are mortised and pegged at the upper end into the purlins. The upper run of rafters not pegged. Intermediate birds mouth collar in most bays.



Run of intermediate lower rafters in the fourth bay from the east. Note the four from the left made from one tree sawn through to produce four good rafters. As long as the saw cuts or conversion follows the natural grown shape of the tree all pieces will have maximum strength for section size. Other examples of this method of conversion occur within the barn structure.

Supported over bays four and five from the east is a tracked runway system supported by sub-framing up from the tiebeams. It relates to an access hatch cut into the west gable of the barn and projects sufficiently into bay three from the east to allow loads to be lifted from the midstretey area. No trolley or lifting apparatus survive. This is thought to be from the time when the barn was used by the Crittall Company for storage.

