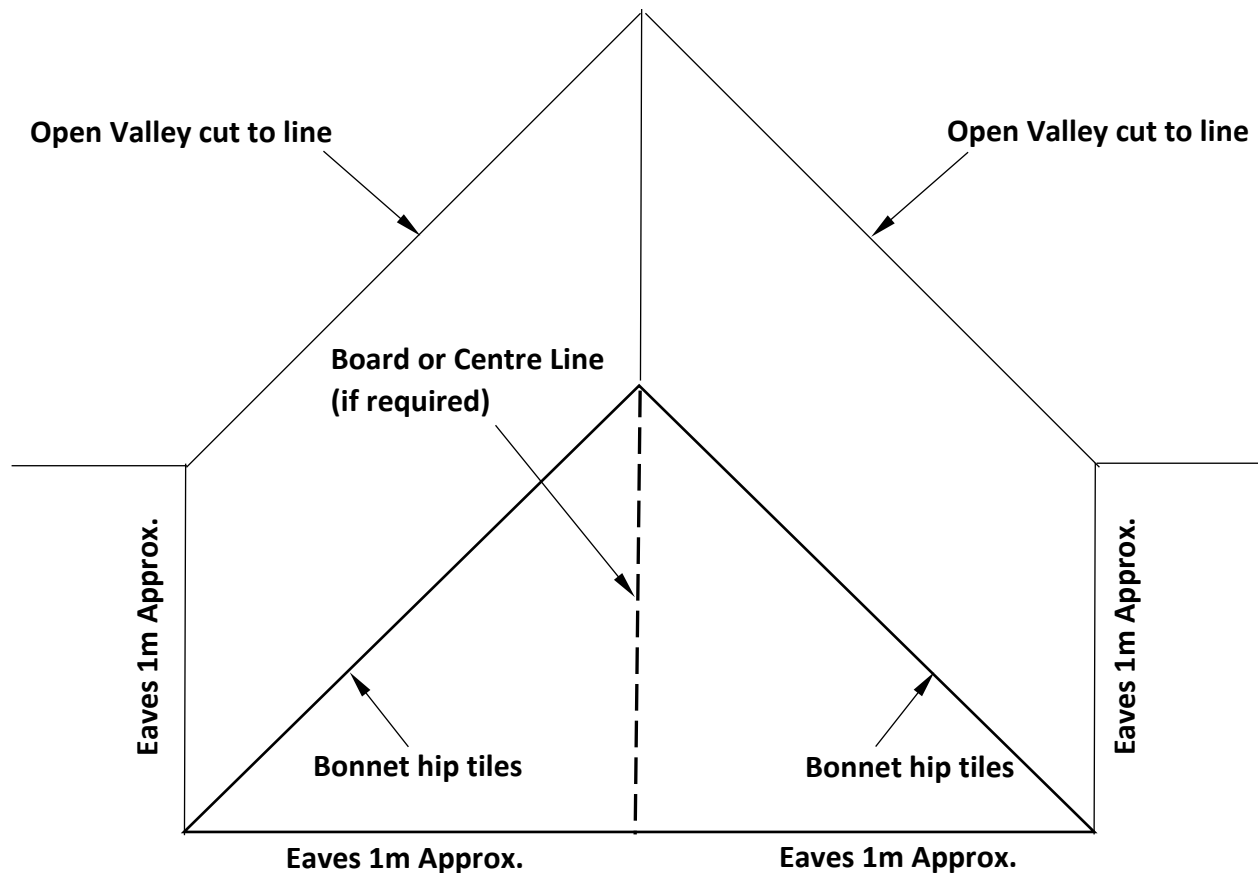


Roof Slating and Tiling 2024 Heats Drawing and Specification (max two competitors per rig)



The drawing shown is typical of hip to valley model roofs used in colleges and training centres in the UK. It is envisaged that existing rigs will be adequate without the need for new rigs, competition roofs to be open rafter or counter battened and all materials on hand close to competition area. Any queries relating to the rigs should be discussed with the CITB Judge before the heat takes place. Competitors will draw lots to decide which side of the rig they will work on (unless mono-pitch).

Instructions

Install underlay and battens as required.
NB: It is not necessary to line the valley.

Install tiles, tile-and-a-halves and fittings to the areas indicated. It is not necessary to reach the ridge/apex. 10 courses (full tile courses minimal)

All tile cutting must be done using hand tools only.

Specification

Underlay: 5U felt to a 50mm overhang at eaves with underlay fixed with 150mm horizontal laps and to a maximum drape of 10mm.

Battens: 38mm x 25mm

Tiles: 265mm x 165mm concrete plain tiles, laid to a 65mm min' headlap.

Bonnet hip tiles bedded and pointed smooth with 1:3 mortar.

Pre-mixed mortar can be made available, but it is the competitor's responsibility to adjust the mix for stiffness/workability.

Nail all perimeters, fifth course and arris hip tiles.

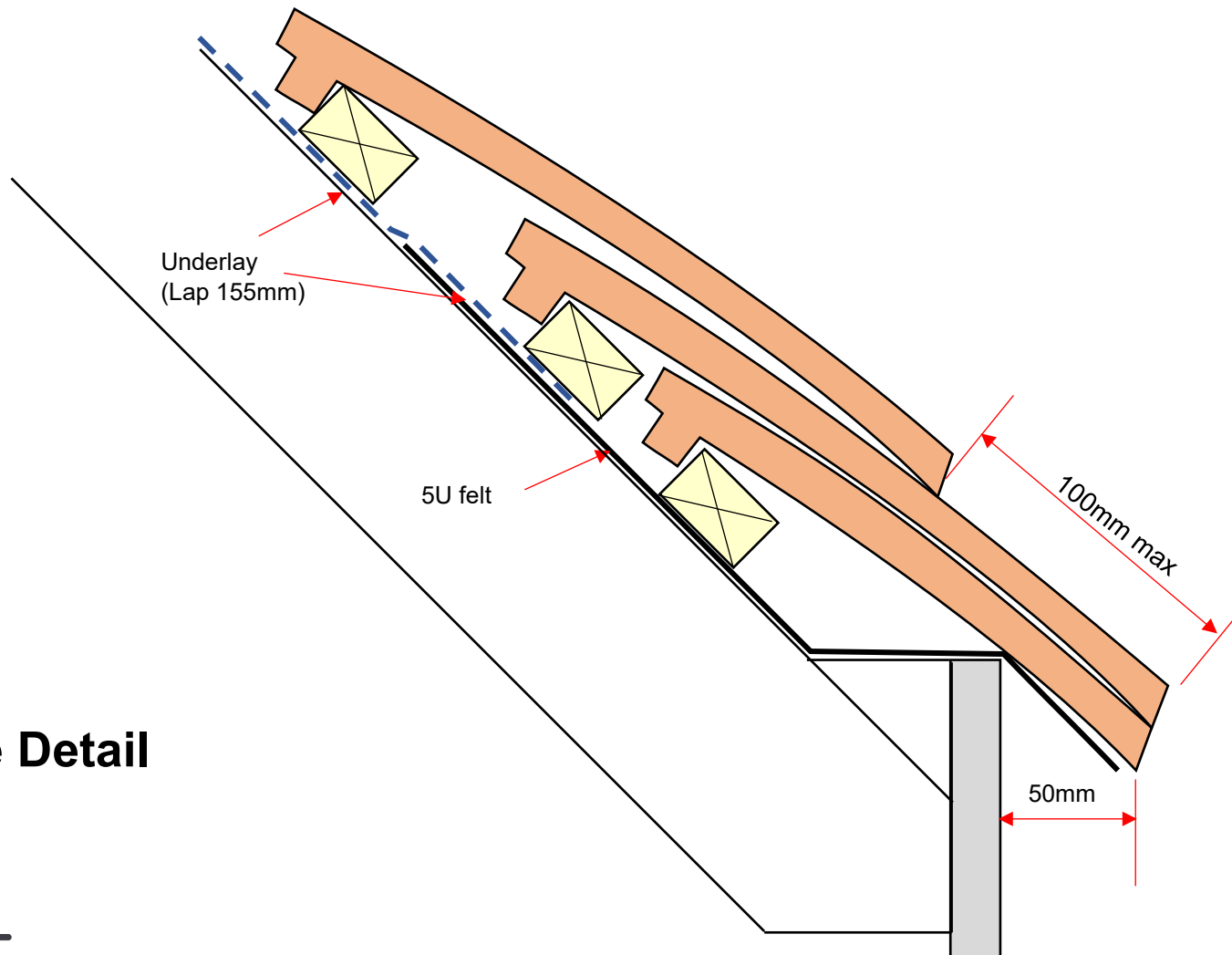
Under Eaves: Double course at eaves only to match the roof tiles.

Install soakers to abutment and maintain a 10mm gap.

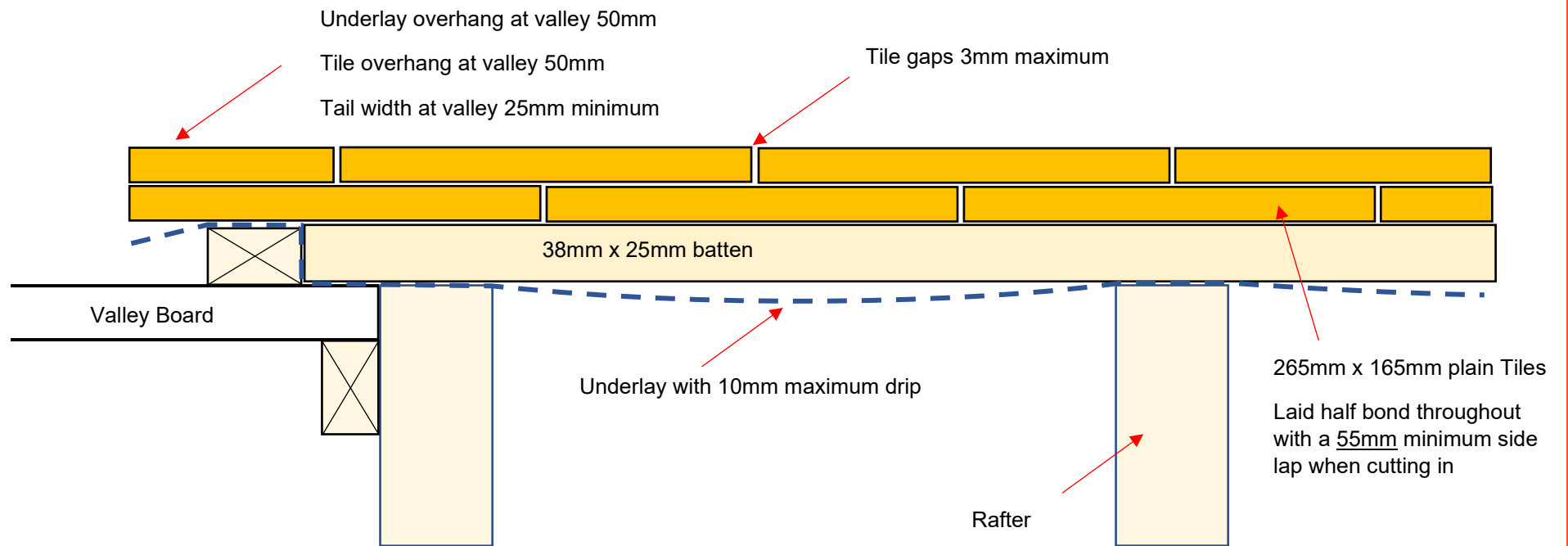
Time allowed: 6 hours.

Roof Slating and Tiling 2024 Heats Drawing and Specification (max two competitors per rig)

Eave Detail

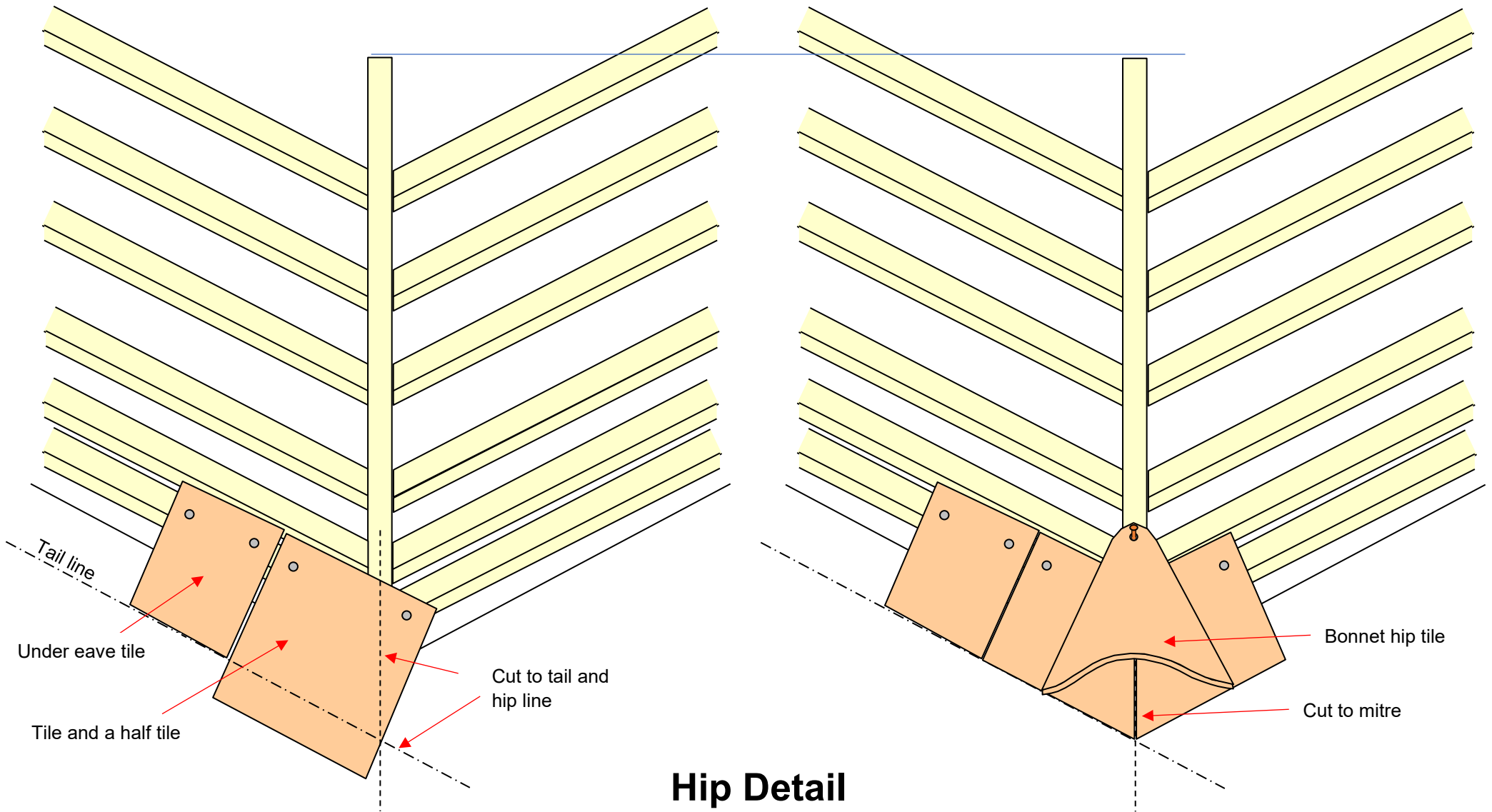


Roof Slating and Tiling 2024 Heats Drawing and Specification (max two competitors per rig)



Valley Detail

Roof Slating and Tiling 2024 Heats Drawing and Specification (max two competitors per rig)



Hip Detail