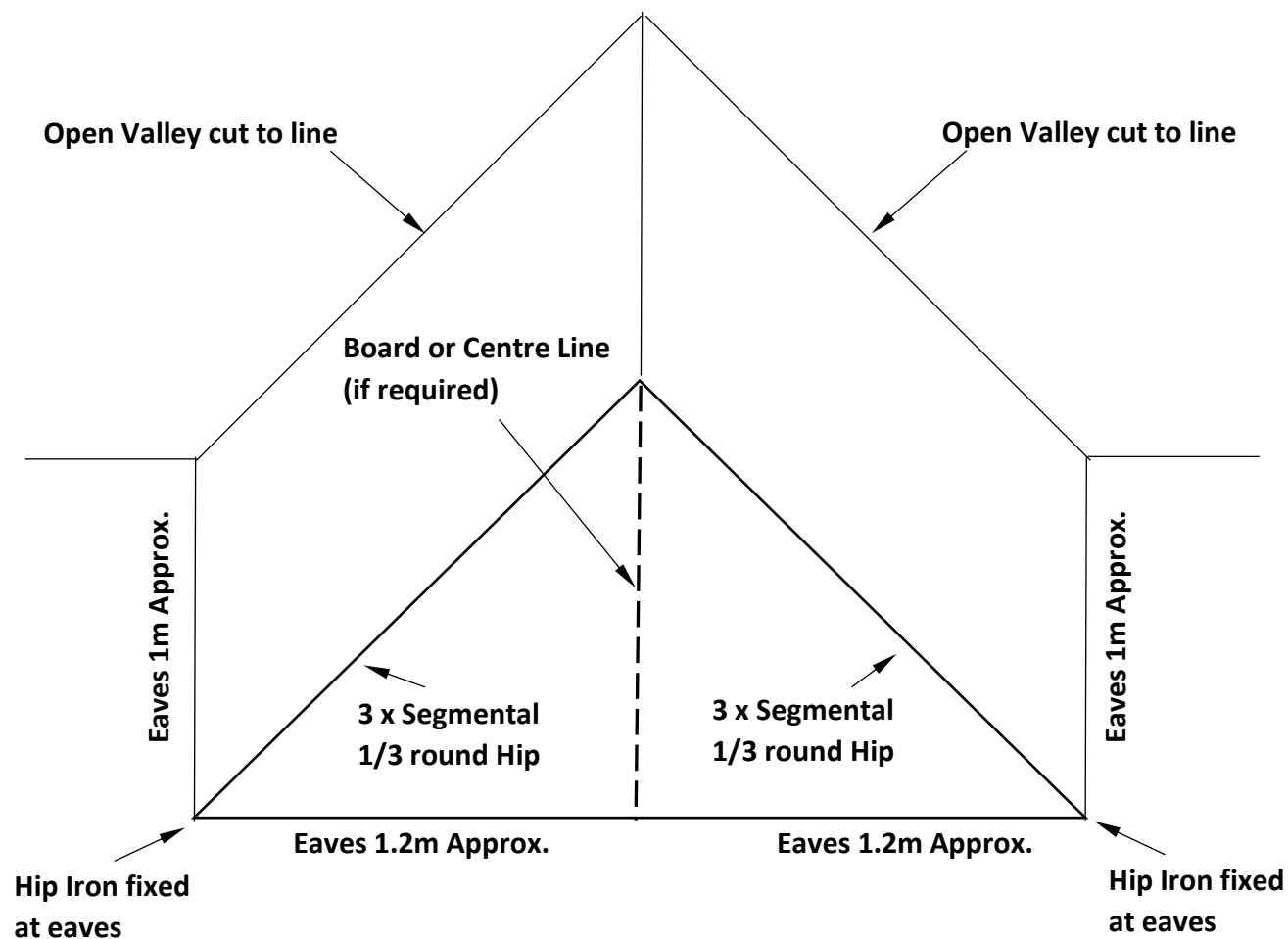


# Roof Slating and Tiling 2023 Heats Drawing and Specification (max two competitors per rig)



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 or significant adaptation. 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 5U felt, roof underlay and battens as required.

NB: It is not necessary to line the valley.

Install 10 courses of plain tiles to the areas indicated. It is not necessary to reach the ridge/apex. Tile-and-a-half tiles may be used to avoid small cuts.

All tile cutting must be done using hand tools only.

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

## Specification

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

Nailing of the tiles is required to perimeter only.

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

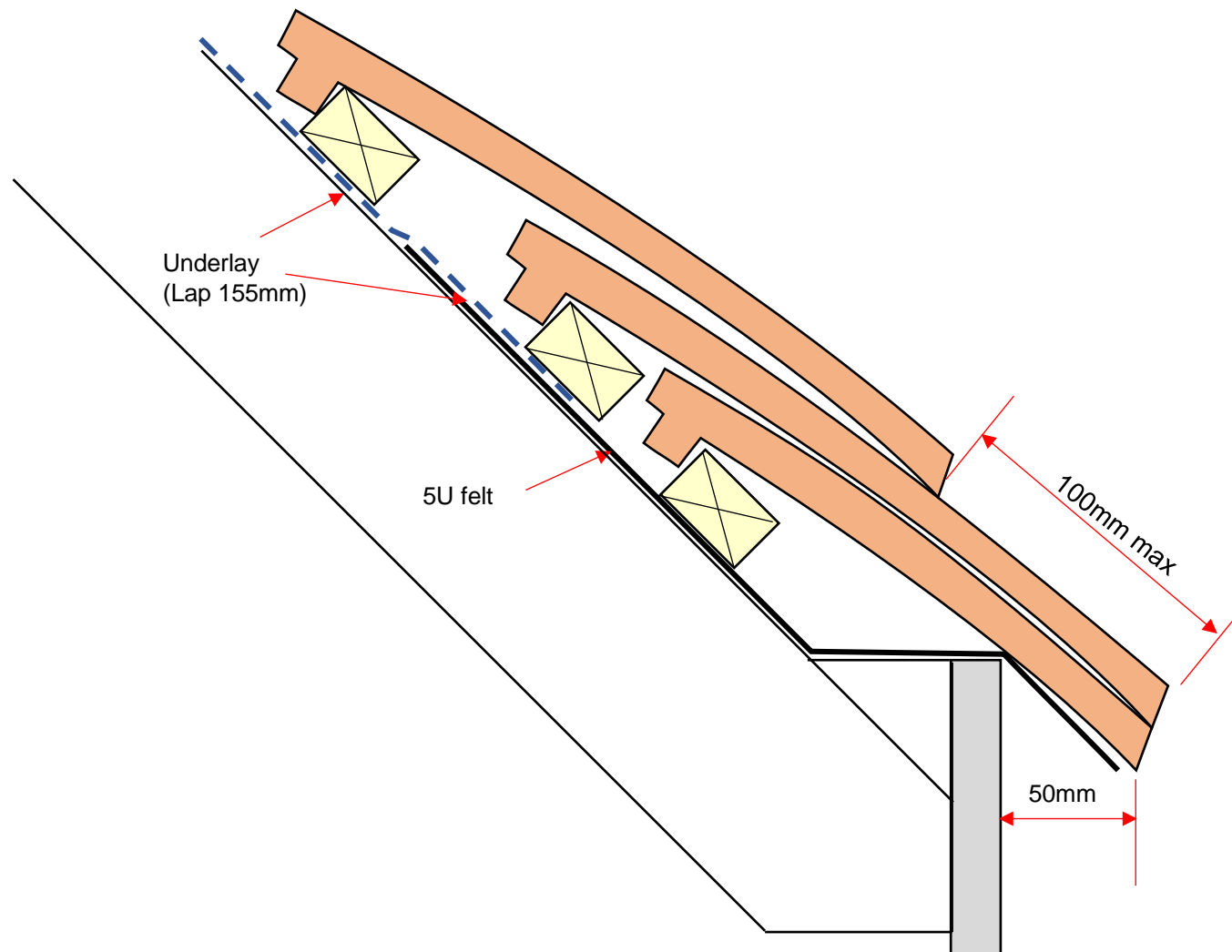
Segmental ridge tiles: Position and fix a hip iron and solid bedded first tile at the eave other ridges side and end bedded, point all to leave clean leading edges. Ridge tiles to be mechanically fixed to a centre batten up the hip.

**Time allowed: 6 hours**

**SKILL-BUILD**  
DELIVERED BY CITB

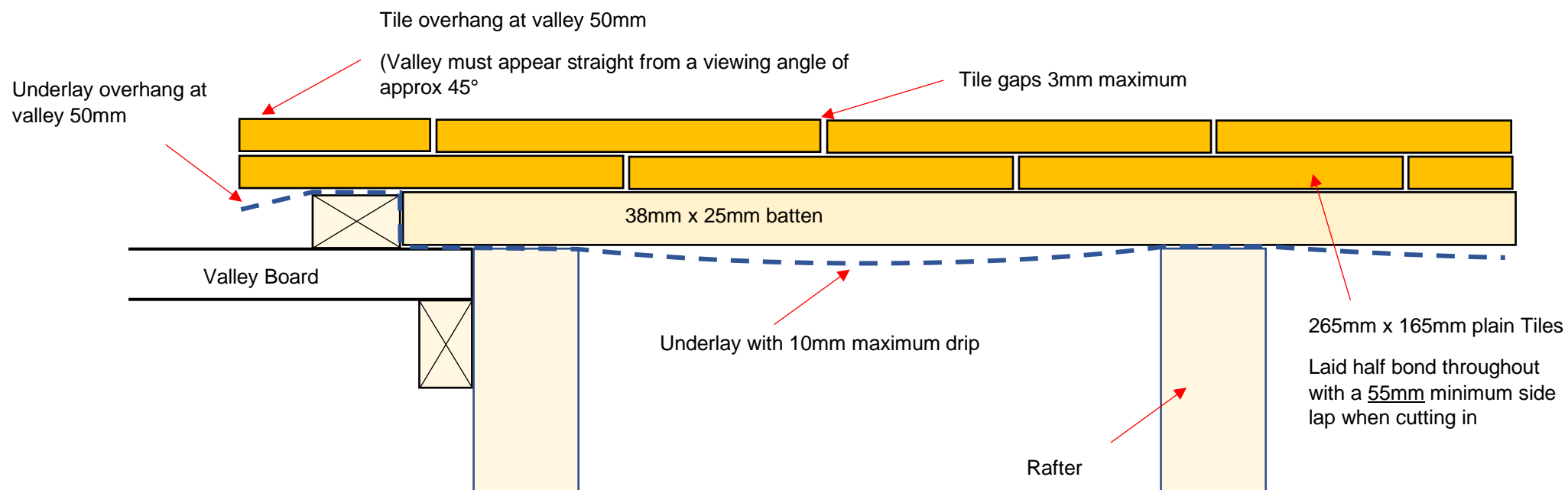
# Roof Slating and Tiling 2023 Heats Drawing and Specification (max two competitors per rig)

## Eave Detail



# Roof Slating and Tiling 2023 Heats Drawing and Specification (max two competitors per rig)

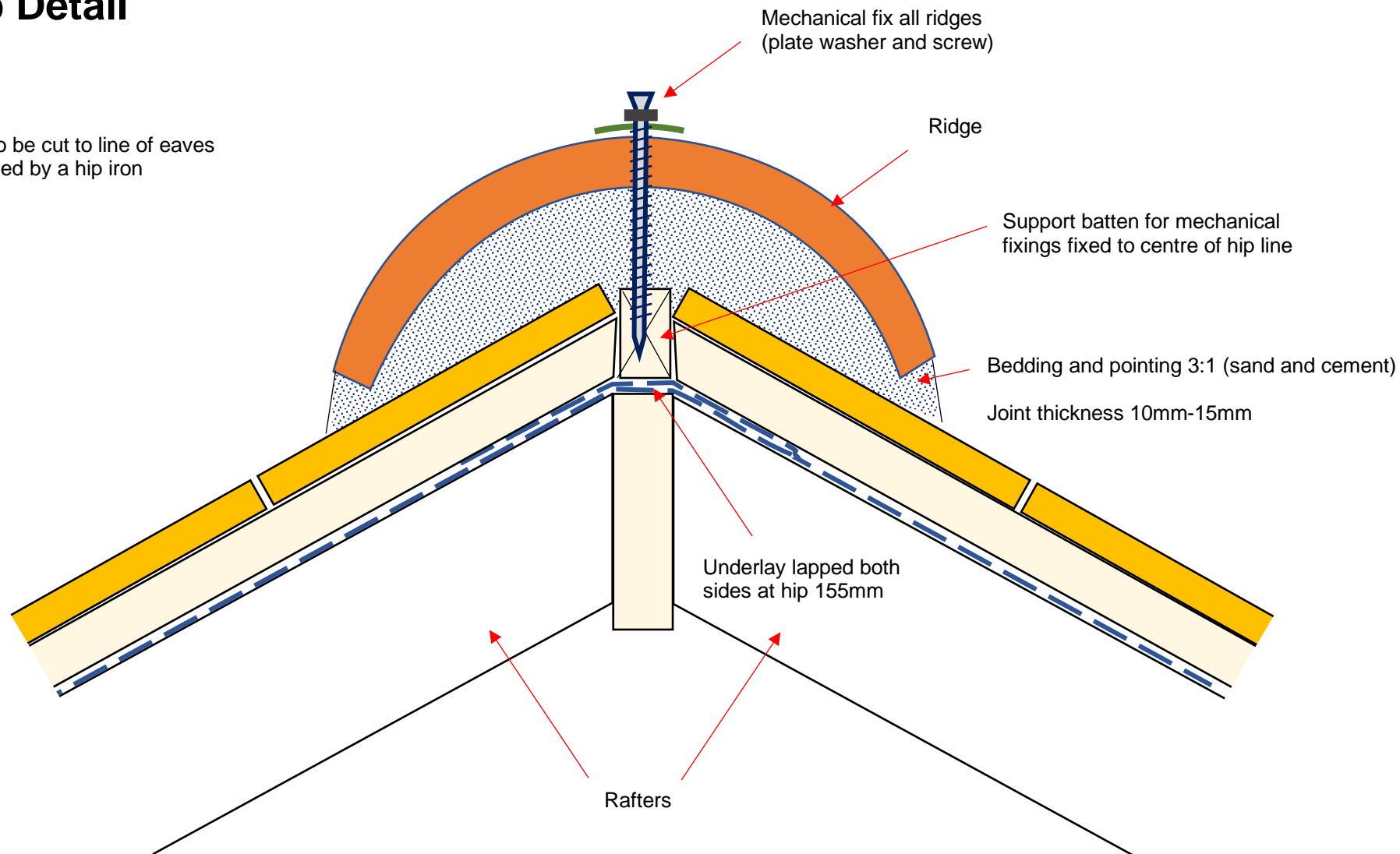
## Valley Detail



# Roof Slating and Tiling 2023 Heats Drawing and Specification (max two competitors per rig)

## Hip Detail

Note:  
First ridge to be cut to line of eaves  
and supported by a hip iron



# Roof Slating and Tiling 2023 Heats Drawing and Specification (max two competitors per rig)

## Abutment Detail

