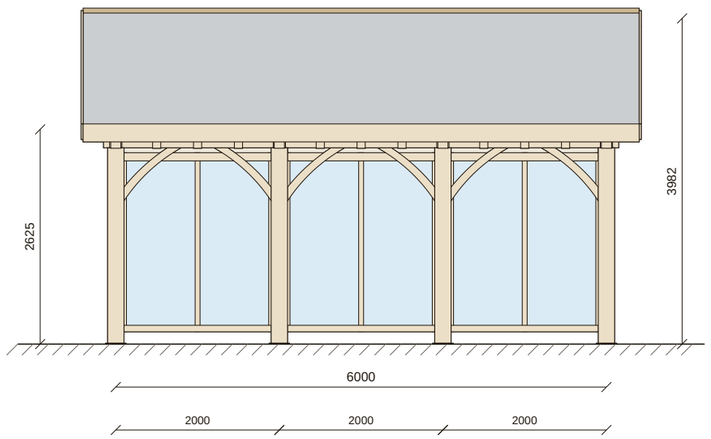
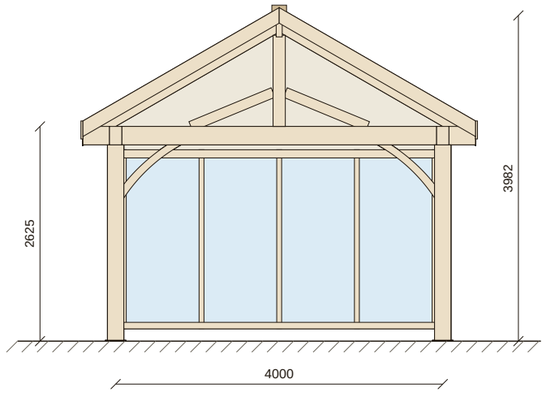
## FRONT ELEVATION

Scale 1:75 at A3




## END ELEVATION

Scale 1:75 at A3



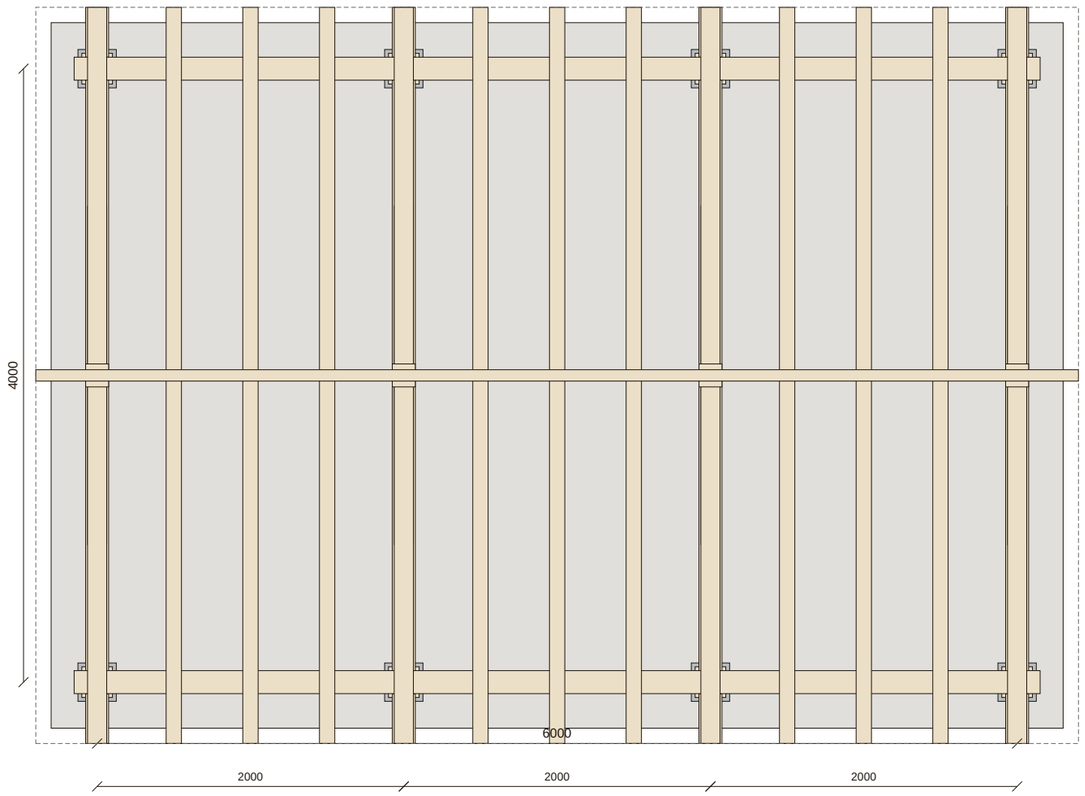

## TIMBER SCHEDULE - ENGLISH OAK

| MEMBER | SECTION | NO. | LENGTH |
|---|---|---|---|
| Common rafter | 150 x 100 @ 500 crs | 18 | 49.9 m |
| Principal rafter | 175 x 125 | 8 | 22.2 m |
| Post | 200 x 200 | 8 | 19.1 m |
| Brace | 150 x 100 | 20 | 19.1 m |
| Tie beam | 225 x 150 | 4 | 15.4 m |
| Wall plate | 225 x 150 | 2 | 12.6 m |
| Raking strut | 125 x 125 | 8 | 8.7 m |
| Ridge beam | 200 x 75 | 1 | 6.8 m |
| King post | 150 x 150 | 4 | 4.5 m |
| Tie beam end | 225 x 150 | 8 | 3.2 m |

Quantities and lengths indicative, from the drawing model.
All [CHECK] with structural engineer and at site visit.

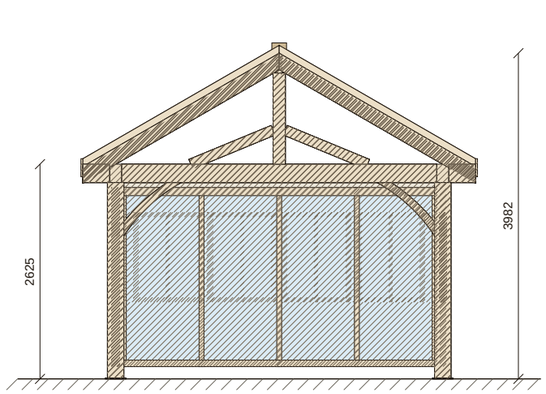
## ROOF FRAMING PLAN

Scale 1:40 at A3 · roof outline dashed · front at bottom




## SECTION A-A

Scale 1:75 at A3 · through a bay line




## GENERAL NOTES

1. All dimensions in millimetres unless stated. Do not scale from this drawing.
2. Solid English oak frame, mortice, tenon and half-lapped joints, pegged with 20 dia oak pegs. No steel brackets.
3. Roof 30 degrees [CHECK]. Covering: natural slate or sedum [CHECK].
4. Footprint, bay width and heights are indicative where not published for this product [CHECK]; confirmed at site visit.
5. Sizes typical. Final sections, fixings and UK wind and snow loadings subject to structural engineer's confirmation.
6. Fully enclosed oak frame with SIP insulated roof and bi-fold double-glazed elevations [CHECK build-up].

FIRE & OAK
OUTDOOR KITCHENS & SPACES

# THE GARDEN ROOM

Orangery · 6 x 4 m

3-bay oak frame: plan, elevations and section

| DRAWING NO. | SCALE |
|---|---|
| FO-GR-ORANGERY-C1 | 1:75 / 1:40 at A3 |
| DATE | SHEET |
| 07.10.2026 | 1 of 2 |

STATUS

**PRELIMINARY · REV P2**

For design intent. Not for construction.

[CHECK] items confirmed at site visit.

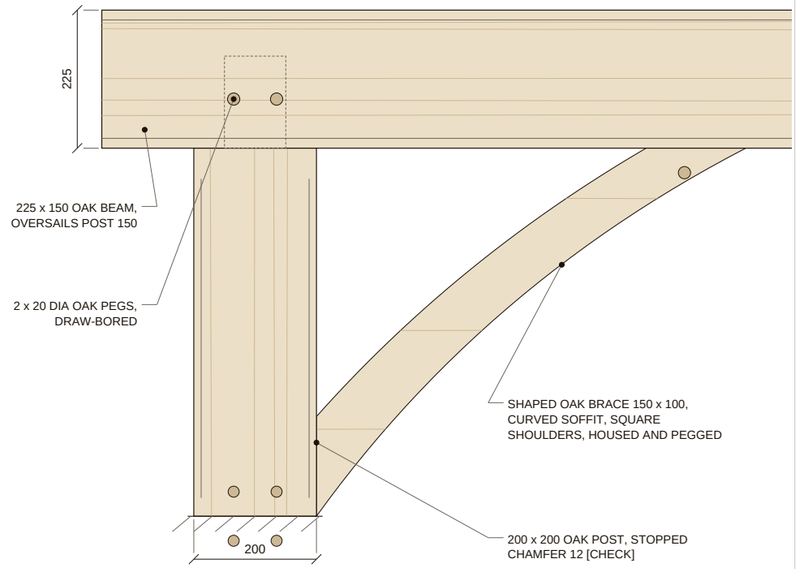
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## 1 POST HEAD, BEAM AND SHAPED BRACE

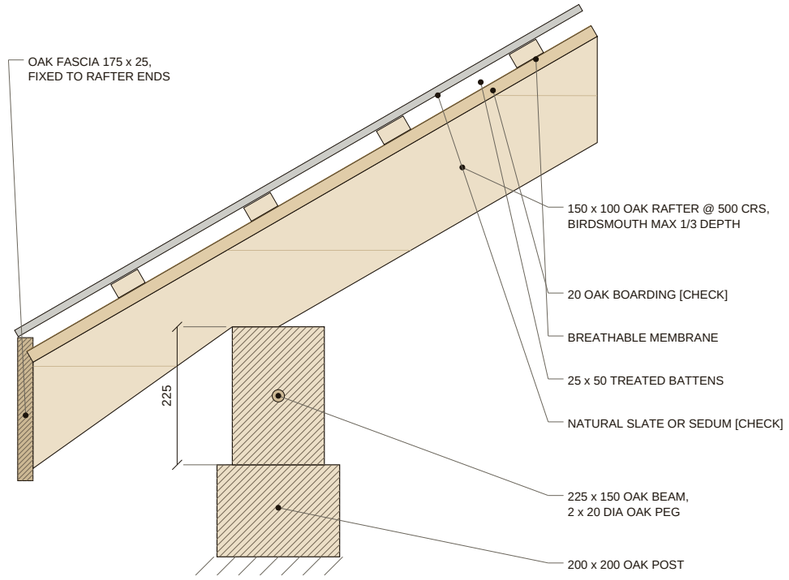
Elevation · Scale 1:10




Tenon shown dashed. Mirror brace each side of post. Peg positions to be confirmed by carpenter.

## 2 EAVES: BEAM, RAFTER, FASCIA, ROOF BUILD-UP

Section · Scale 1:10



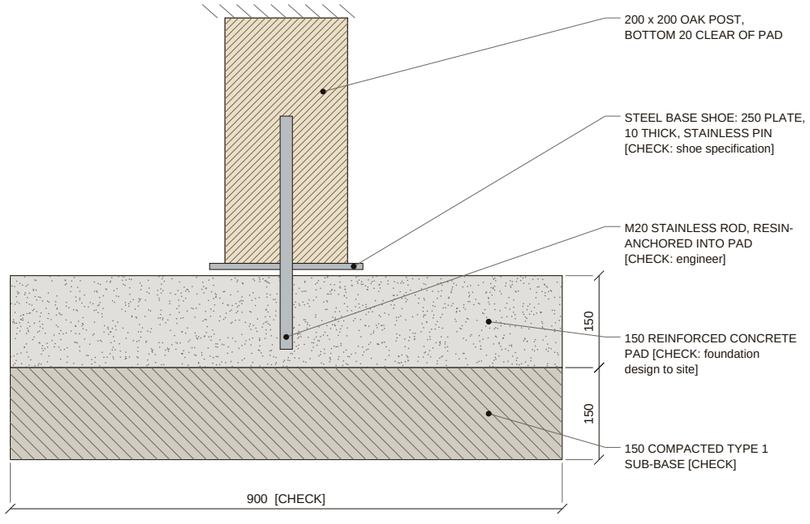

Cut timber hatched. Rafter seat and tail profile to be confirmed with the carpenter.

## DETAIL NOTES

1. Details at 1:10 on A3.
2. Cut timber hatched. Peg positions, tenon sizes and tail profile are the carpenter's to confirm.
3. Roof covering, boarding and foundation build-up shown as typical [CHECK].

## 3 POST BASE AND CONCRETE PAD

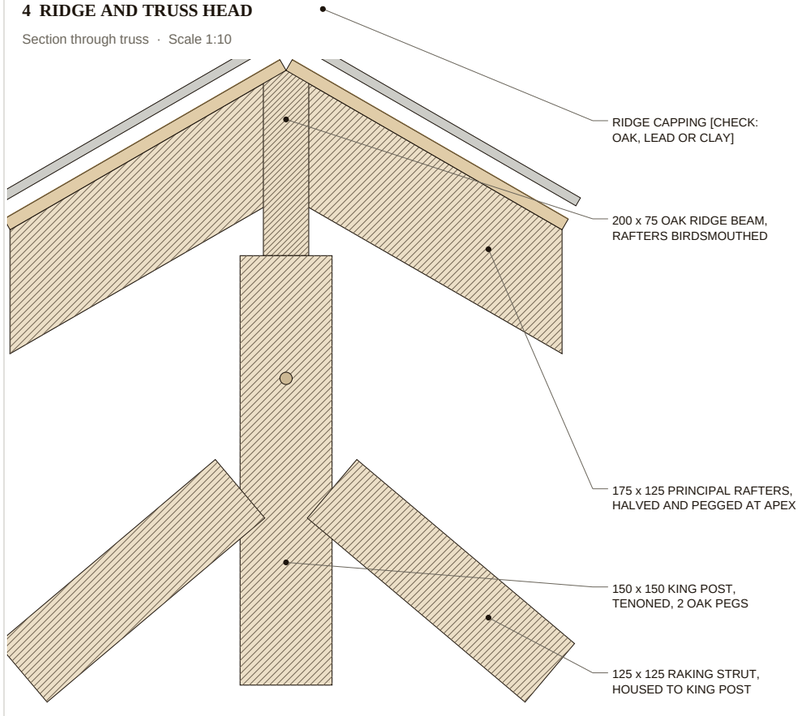
Section · Scale 1:10




Foundations depend on ground conditions and are confirmed after the site visit.

## 4 RIDGE AND TRUSS HEAD

Section through truss · Scale 1:10




Common rafters (150 x 100 @ 500) bear on the ridge beam either side of each truss.

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# THE GARDEN ROOM

Orangery · Construction details

Joints, eaves, post base and ridge at 1:10

| DRAWING NO. | SCALE |
|---|---|
| FO-GR-ORANGERY-C2 | 1:10 at A3 |
| DATE | SHEET |
| 07.10.2026 | 2 of 2 |

STATUS

**PRELIMINARY · REV P2**

For design intent. Not for construction.

Details typical, to be confirmed.


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