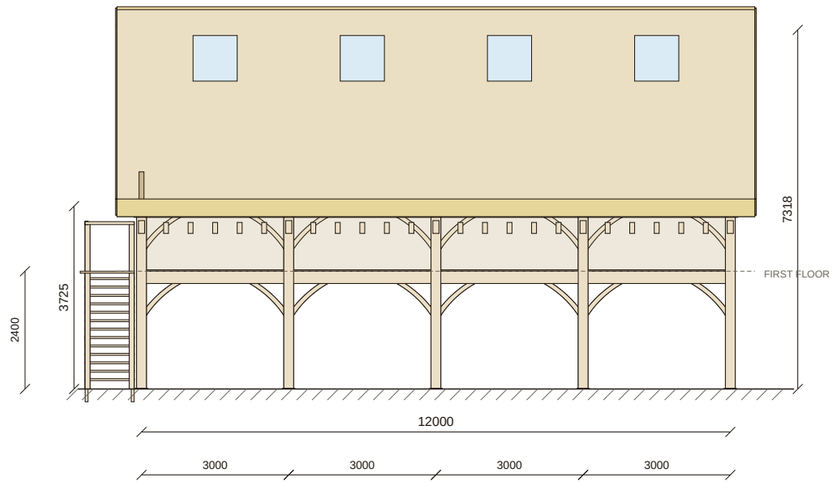
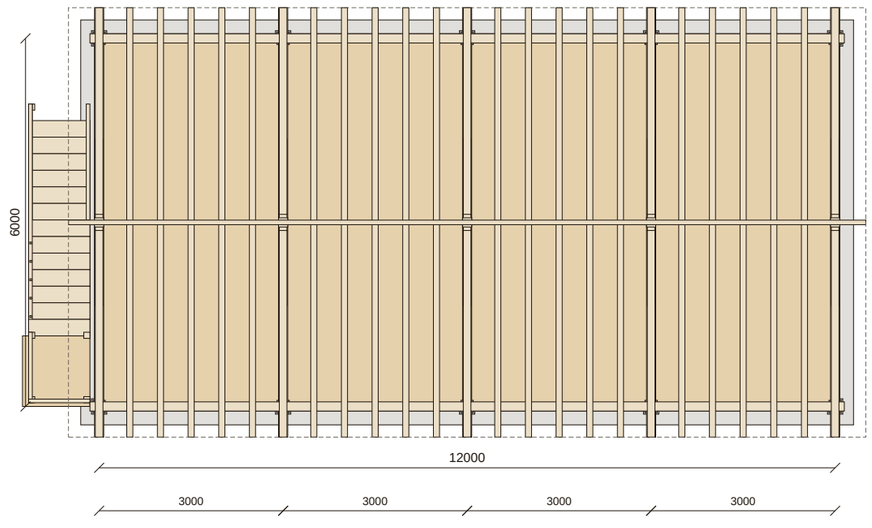
FRONT ELEVATION

Scale 1:125 at A3



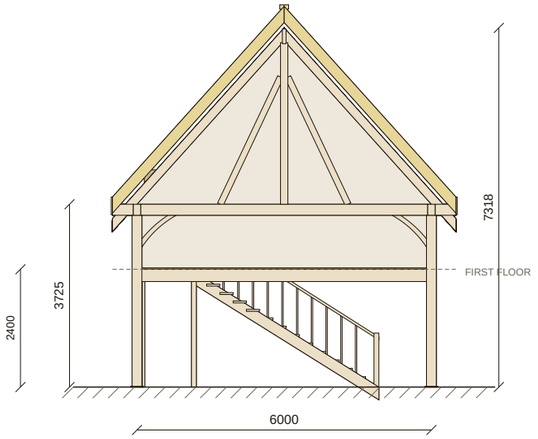
ROOF FRAMING PLAN

Scale 1:100 at A3 · roof outline dashed · front at bottom



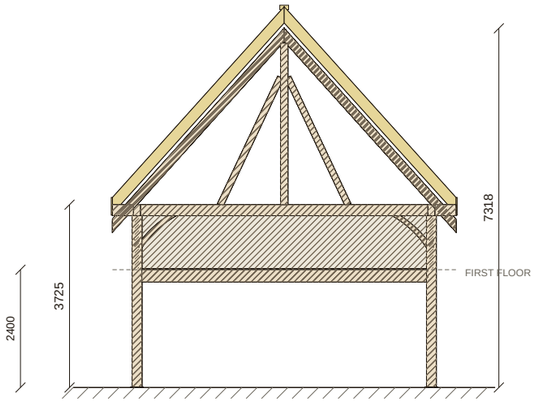
END ELEVATION

Scale 1:125 at A3



SECTION A-A

Scale 1:125 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 48 degrees [CHECK]. Covering: water reed thatch [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. Studio above with rooflights set into the thatch and an external oak staircase [CHECK].
7. Thatch specification, fire-retardant barrier and Building Regulations compliance to be confirmed [CHECK].

TIMBER SCHEDULE - ENGLISH OAK

MEMBER	SECTION	NO.	LENGTH
Common rafter	150 x 100 @ 500 crs	40	209.2 m
Floor joist	200 x 75	20	117.0 m
Principal rafter	175 x 125	10	52.3 m
Brace	150 x 100	42	40.1 m
Post	200 x 200	10	34.9 m
Floor tie beam	250 x 150	5	29.2 m
Tie beam	225 x 150	5	29.2 m
Raking strut	125 x 125	10	28.7 m
Eaves fascia board	175 x 25	2	26.0 m
Wall plate	225 x 150	2	24.6 m
Floor beam	250 x 150	2	24.0 m
Barge board	175 x 25	4	20.9 m
King post	150 x 150	5	16.5 m
Stair tread	1000 x 270 x 40	14	14.0 m
Landing post	100 x 100	4	13.6 m
Ridge beam	200 x 75	1	13.0 m
Baluster	30 x 30	12	11.4 m
Stair stringer	260 x 60	2	9.0 m
Tie beam end	225 x 150	10	5.0 m
Stair handrail	90 x 60	1	4.5 m
Landing handrail	90 x 60	2	2.1 m
Oak door leaf	950 x 2000 x 45	1	2.0 m
Landing boarding	1100 x 1000 x 40	1	1.1 m
Newel post	100 x 100	1	1.1 m

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

FIRE & OAK
OUTDOOR KITCHENS & SPACES

CARPORTS & GARAGES

The Studio Loft, 4 bays · 12 x 6 m

4-bay oak frame: plan, elevations and section

DRAWING NO.	SCALE
FO-CAR-STUDIOLOFT4-C1	1:125 / 1:100 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.

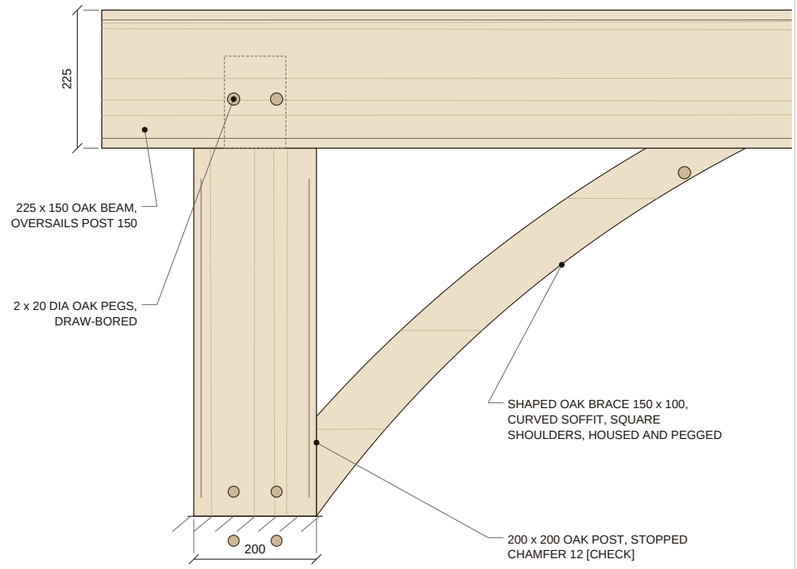
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1 POST HEAD, BEAM AND SHAPED BRACE

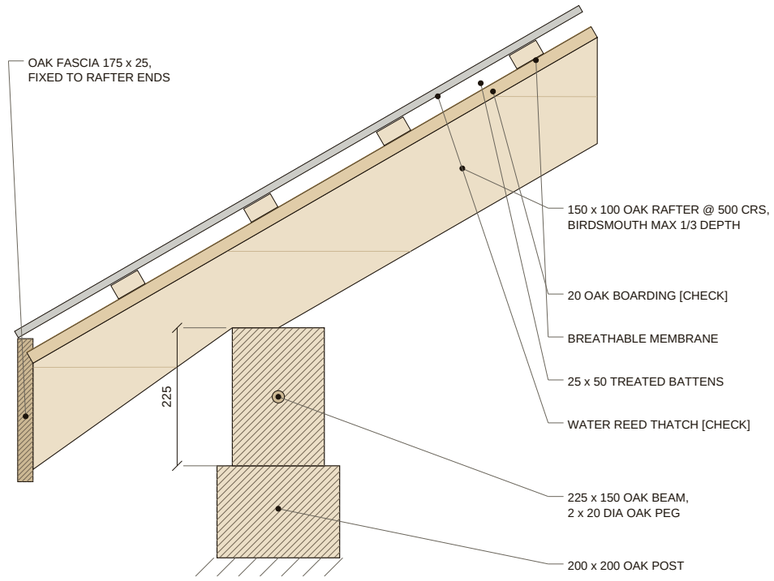
Elevation · Scale 1:10



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



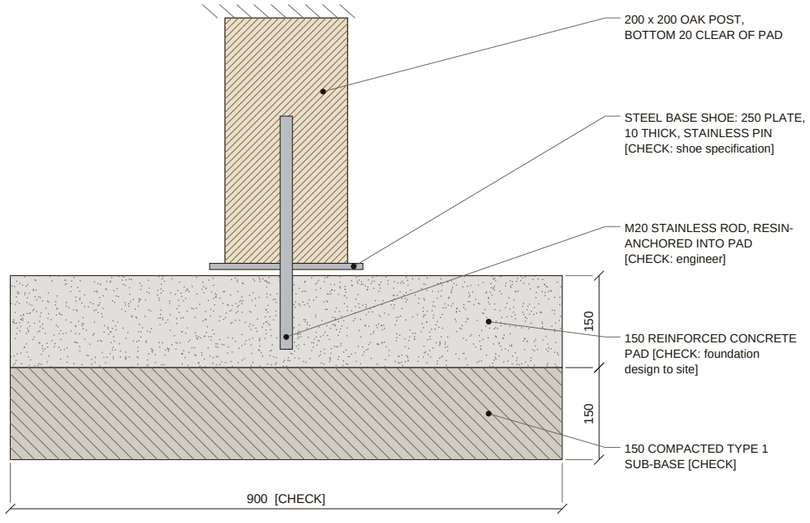
Cut timber hatched. Rafter seat and tail profile to be confirmed with the carpenter.

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

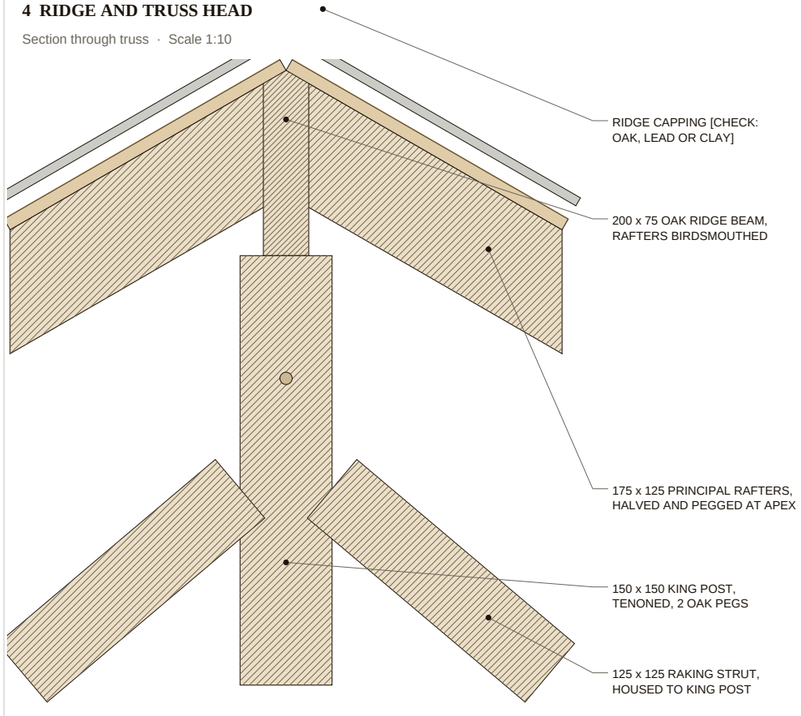
Section · Scale 1:10



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.

FIRE & OAK
OUTDOOR KITCHENS & SPACES

CARPORTS & GARAGES

The Studio Loft, 4 bays · Construction details

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

DRAWING NO.	SCALE
FO-CAR-STUDIOLOFT4-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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