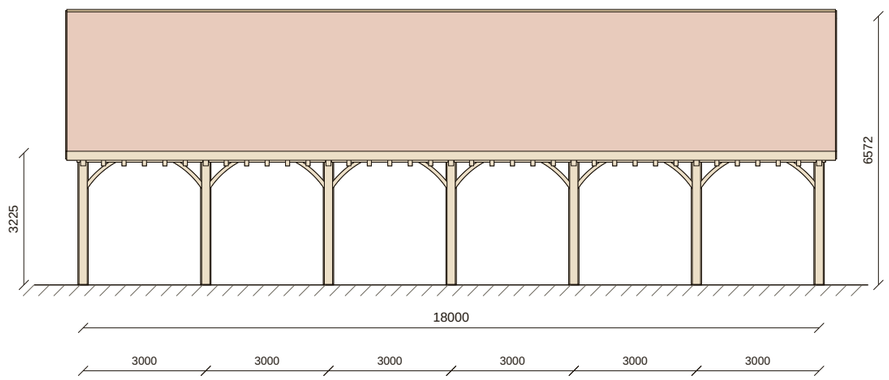
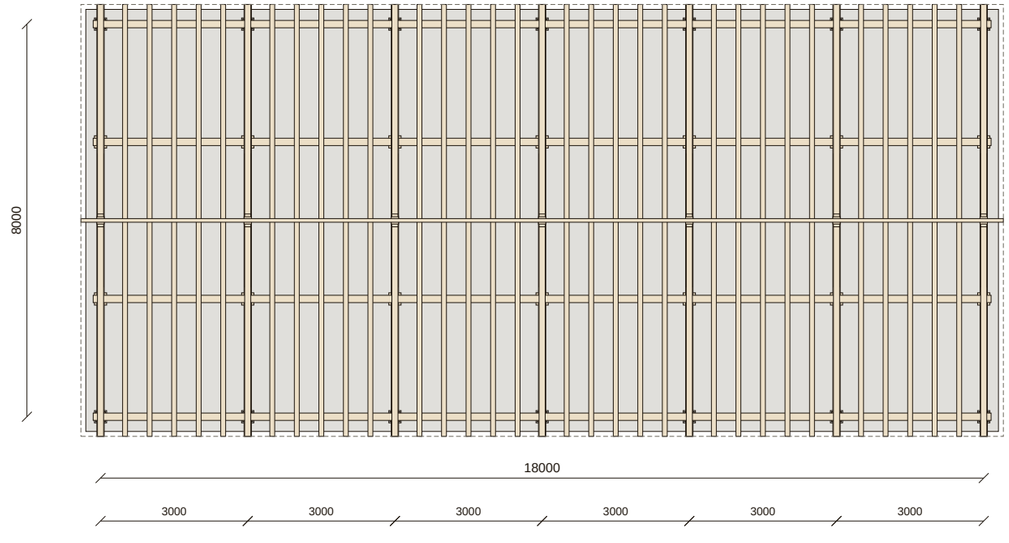
FRONT ELEVATION

Scale 1:150 at A3



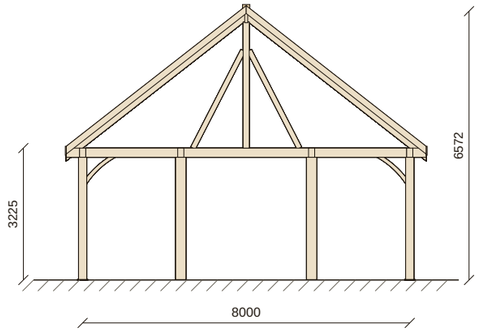
ROOF FRAMING PLAN

Scale 1:125 at A3 · roof outline dashed · front at bottom



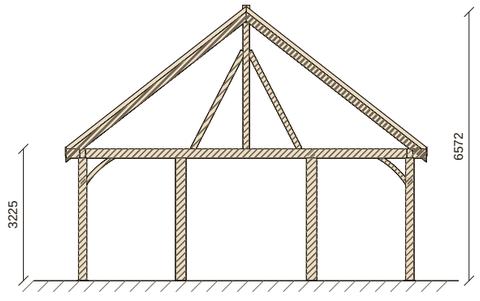
END ELEVATION

Scale 1:150 at A3



SECTION A-A

Scale 1:150 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 38 degrees [CHECK]. Covering: clay pantile [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. Aisled barn form: internal posts form a central nave and two side aisles [CHECK].
7. Overall width 8000 is indicative [CHECK].

TIMBER SCHEDULE - ENGLISH OAK

MEMBER	SECTION	NO.	LENGTH
Common rafter	150 x 100 @ 500 crs	60	335.0 m
Principal rafter	175 x 125	14	78.2 m
Tie beam	225 x 150	7	55.0 m
Aisle post	250 x 250	14	42.0 m
Post	200 x 200	14	41.9 m
Eaves fascia board	175 x 25	2	37.6 m
Raking strut	125 x 125	14	37.5 m
Wall plate	225 x 150	2	36.6 m
Arcade plate	225 x 150	2	36.6 m
Brace	150 x 100	38	36.3 m
Barge board	175 x 25	4	22.3 m
King post	150 x 150	7	21.6 m
Ridge beam	200 x 75	1	18.8 m
Tie beam end	225 x 150	14	5.6 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 Long Barn, 6 bays · 18 x 8 m

6-bay oak frame: plan, elevations and section

DRAWING NO.	SCALE
FO-CAR-LONGBARN6-C1	**1:150 / 1:125 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.

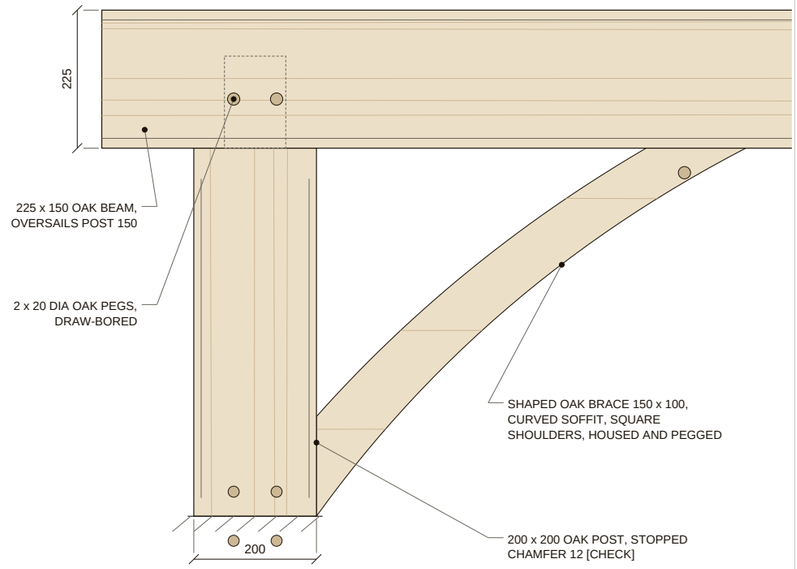
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1 POST HEAD, BEAM AND SHAPED BRACE

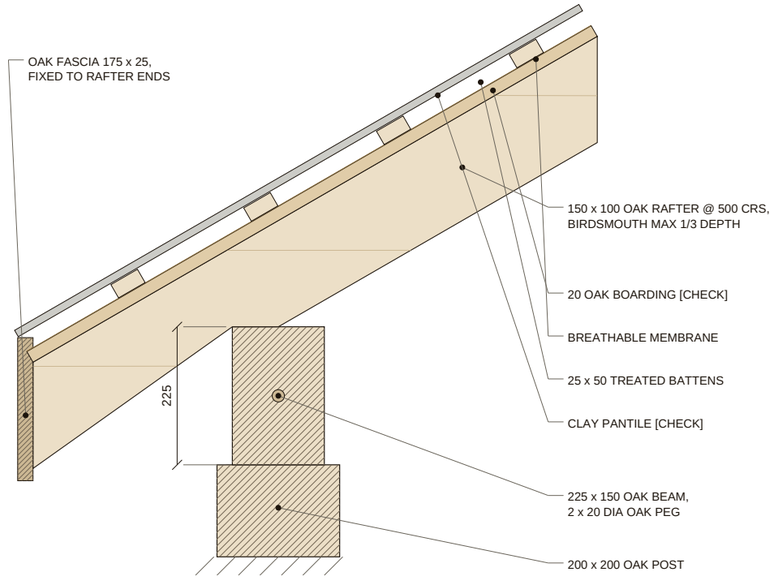
Elevation · Scale 1:10



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



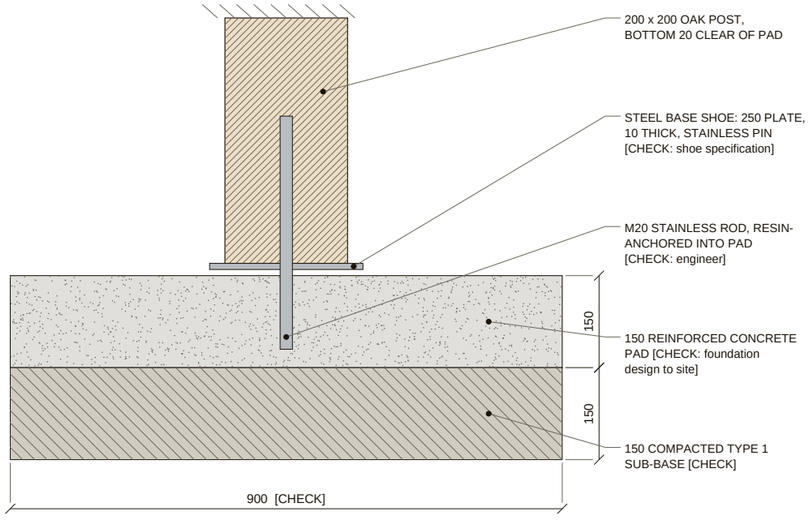
Cut timber hatched. Rafter seat and tail profile to be confirmed with the carpenter.

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

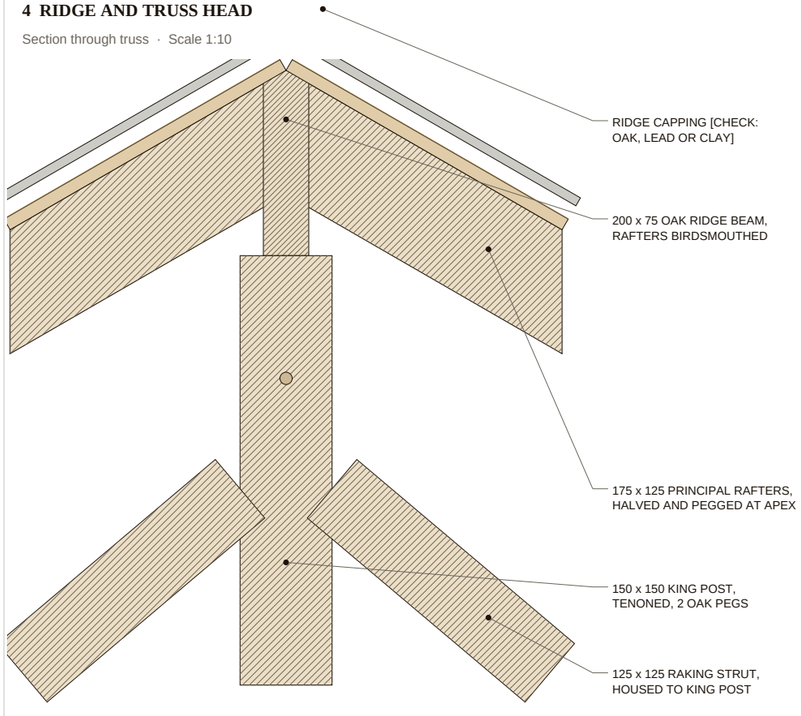
Section · Scale 1:10



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 Long Barn, 6 bays · Construction details

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

DRAWING NO.	SCALE
FO-CAR-LONGBARN6-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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