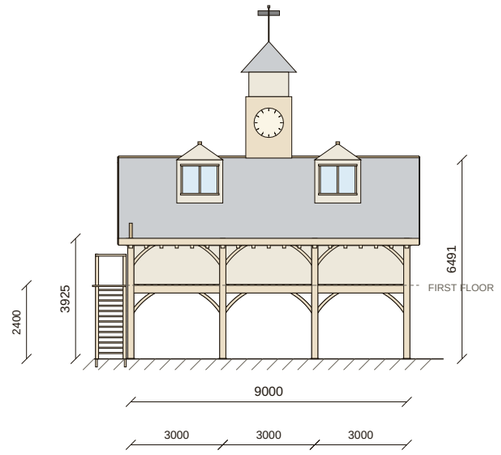
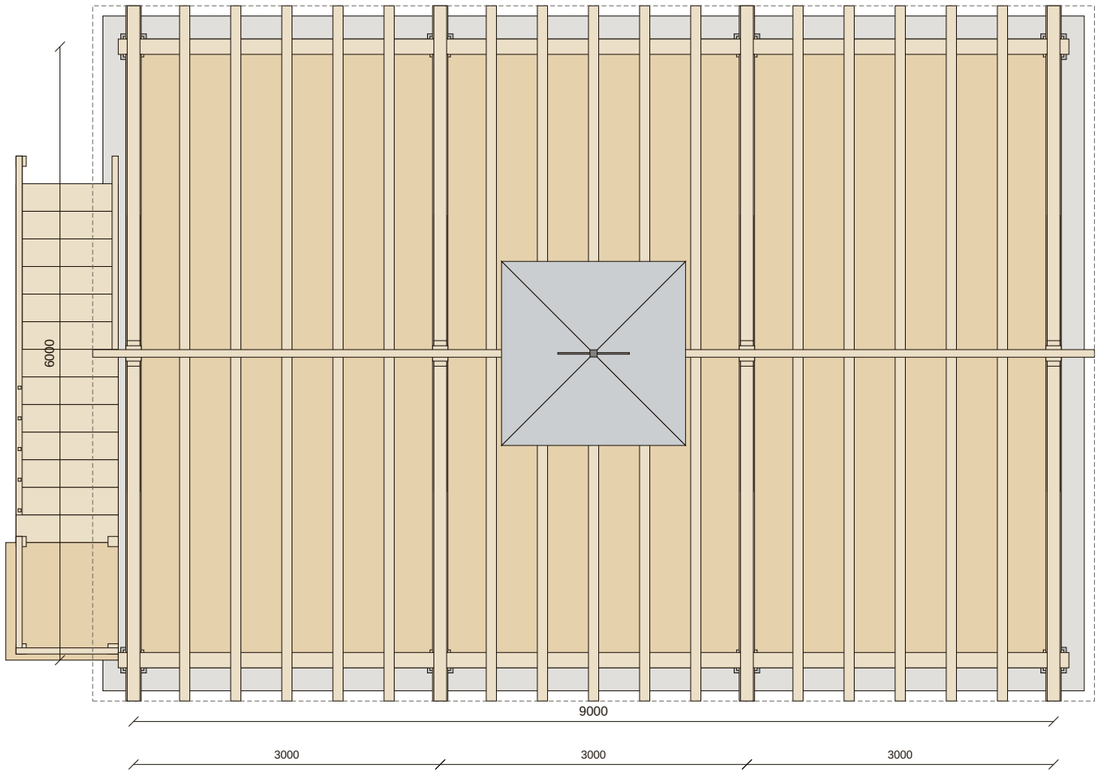
FRONT ELEVATION

Scale 1:200 at A3



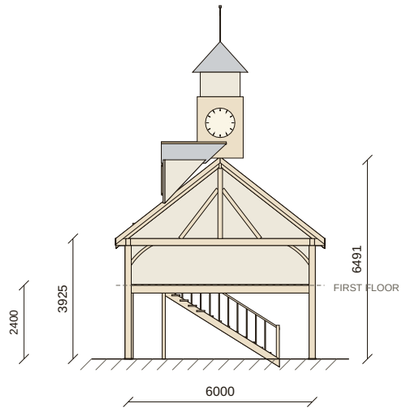
ROOF FRAMING PLAN

Scale 1:60 at A3 · roof outline dashed · front at bottom



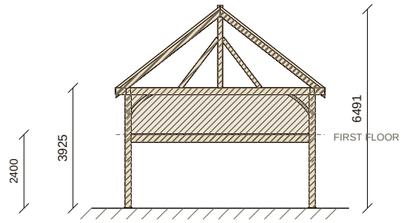
END ELEVATION

Scale 1:200 at A3



SECTION A-A

Scale 1:200 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: natural slate [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. Oak clock tower with weathervane at the ridge [CHECK].
7. Room above with external oak staircase. Floor build-up and Building Regulations compliance to be confirmed [CHECK].

TIMBER SCHEDULE - ENGLISH OAK

MEMBER	SECTION	NO.	LENGTH
Common rafter	150 x 100 @ 500 crs	30	129.4 m
Floor joist	200 x 75	15	87.7 m
Principal rafter	175 x 125	8	34.5 m
Brace	150 x 100	32	30.6 m
Post	200 x 200	8	29.5 m
Floor tie beam	250 x 150	4	23.4 m
Tie beam	225 x 150	4	23.4 m
Eaves fascia board	175 x 25	2	19.6 m
Wall plate	225 x 150	2	18.6 m
Floor beam	250 x 150	2	18.0 m
Barge board	175 x 25	4	17.3 m
Raking strut	125 x 125	8	16.1 m
Stair tread	1000 x 270 x 40	14	14.0 m
Landing post	100 x 100	4	13.6 m
Baluster	30 x 30	12	11.4 m
Ridge beam	200 x 75	1	9.8 m
King post	150 x 150	4	9.2 m
Stair stringer	260 x 60	2	9.0 m
Clock tower oak post	150 x 150	4	8.0 m
Stair handrail	90 x 60	1	4.5 m
Tie beam end	225 x 150	8	3.2 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 Clock Tower, 3 bays · 9 x 6 m

3-bay oak frame: plan, elevations and section

DRAWING NO.	SCALE
FO-CAR-CLOCKTOWER3-C1	1:200 / 1:60 at A3
DATE	**SHEET**
07.10.2026	1 of 2

STATUS

PRELIMINARY · REV P2

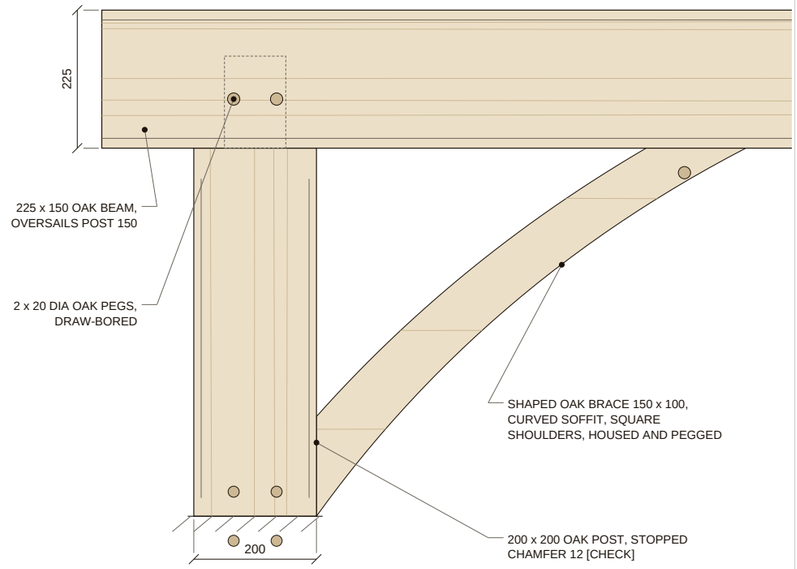
For design intent. Not for construction.

[CHECK] items confirmed at site visit.

Fire & Oak Outdoors
fireandoakoutdoors.co.uk
hello@fireandoakoutdoors.co.uk

1 POST HEAD, BEAM AND SHAPED BRACE

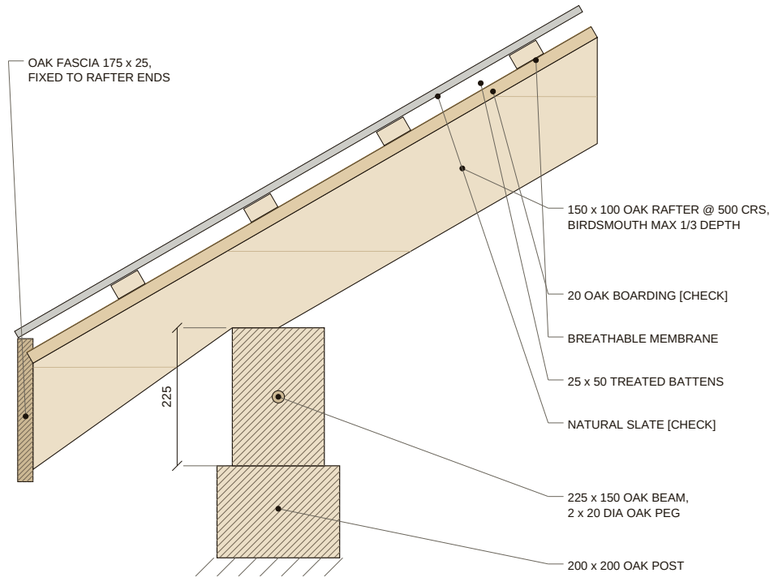
Elevation · Scale 1:10



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



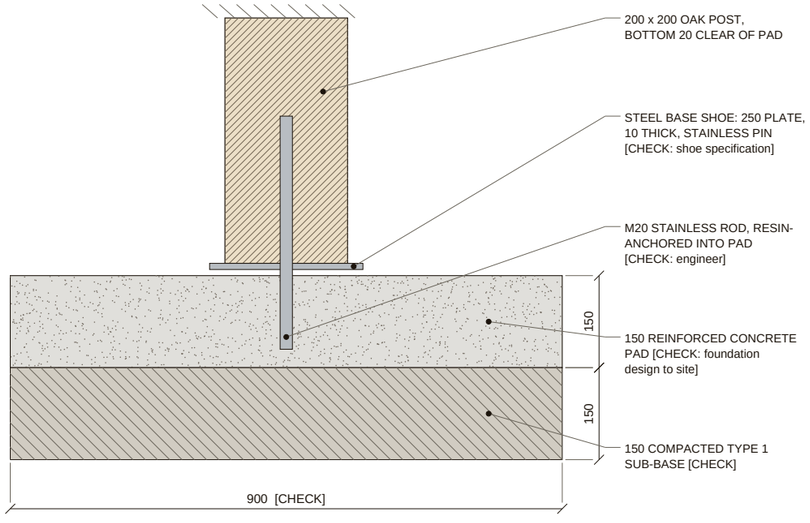
Cut timber hatched. Rafter seat and tail profile to be confirmed with the carpenter.

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

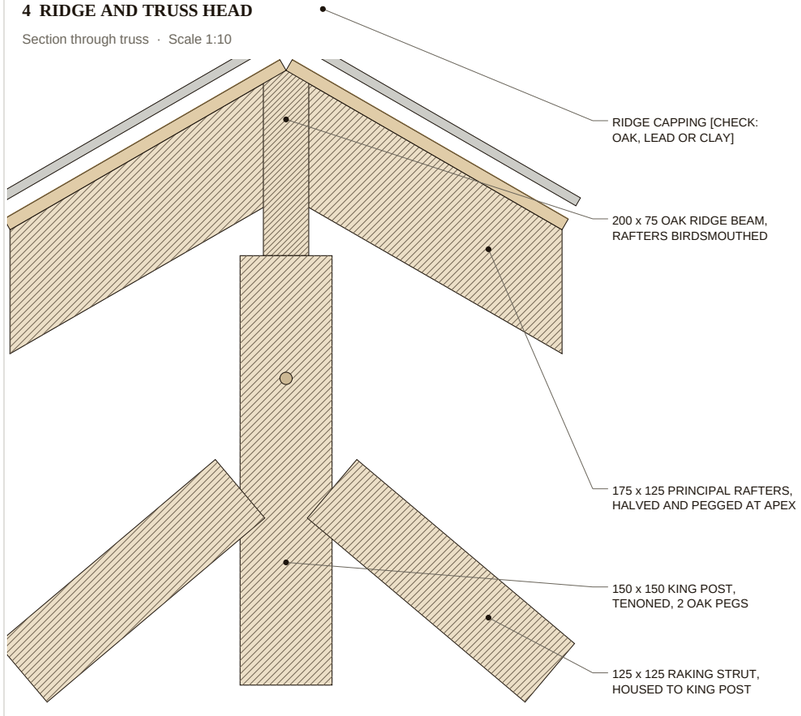
Section · Scale 1:10



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 Clock Tower, 3 bays · Construction details

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

DRAWING NO.	SCALE
FO-CAR-CLOCKTOWER3-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.

Fire & Oak Outdoors

fireandoakoutdoors.co.uk

hello@fireandoakoutdoors.co.uk