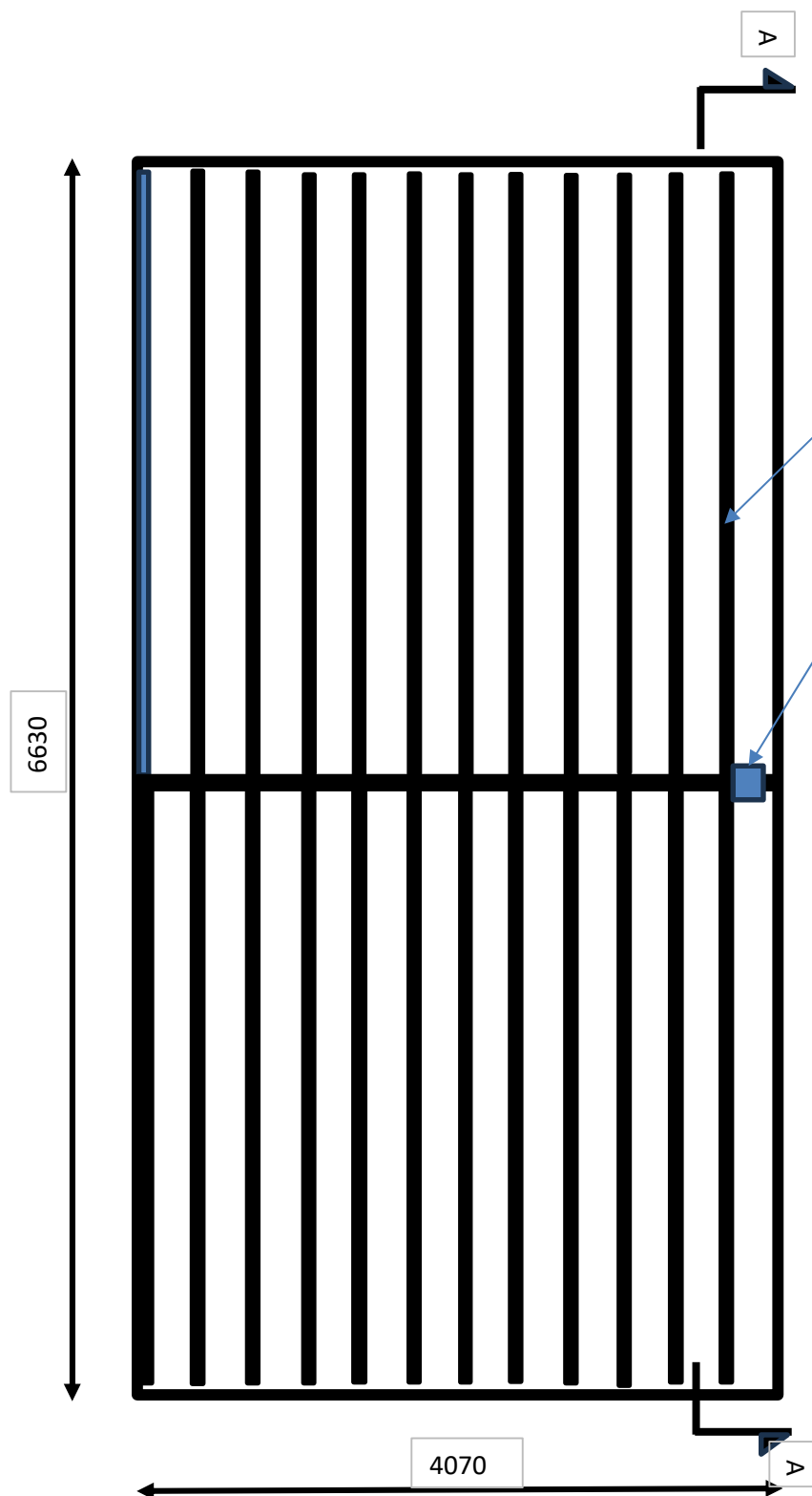




PLAN ON ROOF TIMBERS

Existing fractured ridge beam to be removed and replaced with 2 No. 75x175mm D30 hardwood members bolted together to form a composite ridge beam.

Existing rafters to be retained where sound and reconnected to the new ridge beam. Any decayed rafters to be replaced like-for-like to match the existing dimensions and species as closely as

Existing temporary prop shown for reference only. Prop to remain during works and be removed following installation of the new ridge beam.

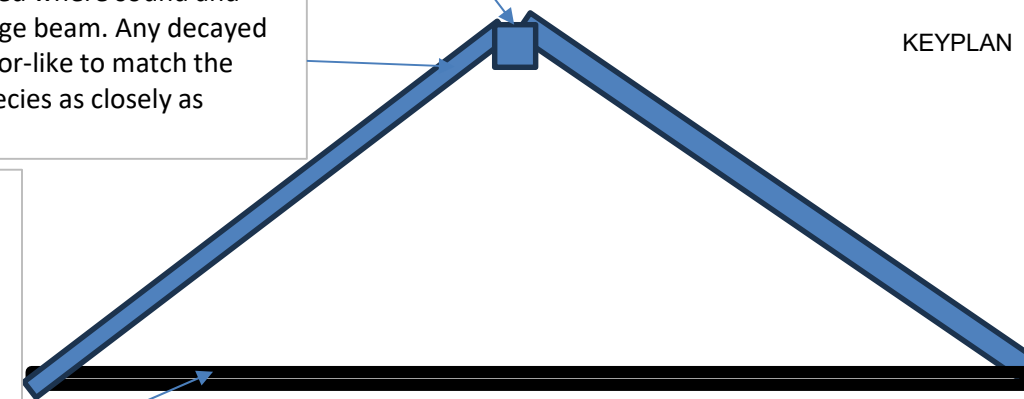
Existing Joists

Existing fractured ridge beam to be removed and replaced with 2 No. 75 x 175 D30 hardwood members bolted together to form composite ridge beam.

Existing rafters to be retained where sound and reconnected to the new ridge beam.

Any decayed rafters to be replaced like-for-like to match the existing dimensions and species as closely as practicable.

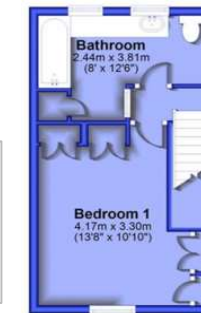
100mm minimum bearing into existing stone



SECTION A-A



EXISTING RIDGE BEAM AND RAFTER



KEYPLAN

GENERAL NOTES

- Existing ridge beam has fractured and deteriorated due to timber decay and is considered unsuitable for continued structural use.
- Existing temporary prop support is to remain in place until the replacement ridge beam has been fully installed and all associated works completed.
- Existing ridge beam shall be carefully removed to minimise disturbance to the surrounding historic fabric.
- New ridge beam to comprise 2 No. 75 x 175mm D30 hardwood members fixed together to form a composite ridge beam.
- Existing rafters shall be retained where sound and securely reconnected to the replacement ridge beam.
- Any decayed or structurally defective rafters shall be replaced on a like-for-like basis using timber of similar dimensions, species and appearance where reasonably practicable.
- Minimum end bearing of the replacement ridge beam shall be 100mm into existing stone masonry walls, subject to verification on site during the works.
- Existing roof geometry, roof pitch, roof covering arrangement and external appearance of the building shall remain unchanged.
- All works shall be undertaken by suitably experienced contractors familiar with repairs to traditional timber roof structures and listed buildings.
- Temporary works, sequencing of works and site safety arrangements remain the responsibility of the appointed contractor.
- The proposed works are intended to provide a like-for-like structural replacement of the existing failed ridge beam whilst maintaining the historic character and structural form of the listed building.
- All dimensions shown are approximate and shall be verified on site prior to commencement of works.
- Refer to Structural Design Report BCG-2026-109 for design assumptions, structural assessment and supporting calculations.
- This drawing is issued in support of Listed Building Consent only and shall be read in conjunction with the accompanying Structural Design Report.
- Condition of concealed timbers and masonry not visible at the time of inspection. Any significant deterioration identified during the works shall be referred back to the Structural Engineer for review.

CLIENT: Miss Ella Burgess
PROJECT: 57 Downham Road, Chatburn, Clitheroe, BB7 4AU
DRAWING TITLE: Proposed Ridge Beam Replacement – Listed Building Consent Supporting Sketch (For Listed Building Consent)
DRAWING No.: BCG-2026-109-SK01
STATUS: Listed Building Consent Supporting Structural Information

SCALE: NTS
CHECKED BY: A. Shaikh
REVISION: P1
DRAWN BY: A. Shaikh
DATE: 05/06/2026

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Designed by: Abbas Shaikh CEng MICE
Company: Building Calcs Guys (Pro-Genesis Engineering Ltd)
Date: 02.06.2026