

Slates / flags retained from existing stripped roof to be refixed. Any shortfall to be made up with reclaimed slates / flags to match.

New 50 x 38mm treated s.w. battens at gauge to suit re-used slates / flags.

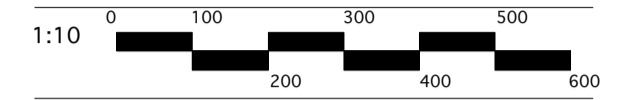
Kingspan Nilvent® or equal approved breathable roofing membrane

70mm Kingspan Kooltherm® K7 board fitted between rafters

Existing purlins to be inspected for condition / decay, etc., and replaced with matching size treated grade C16 s.w. sections as required.

62.5mm Kingspan Kooltherm® K18 composite dry lining board fixed to underside of rafters (includes built-in vapour check).

Re-build / consolidate head of wall



Mineral wool insulation packing to reduce cold bridge at eaves (note: ensure breather membrane still has room to drape)

New cast iron gutters / brackets / downpipes to be match original to be painted black.

ROOFS:

Main farmhouse roof.

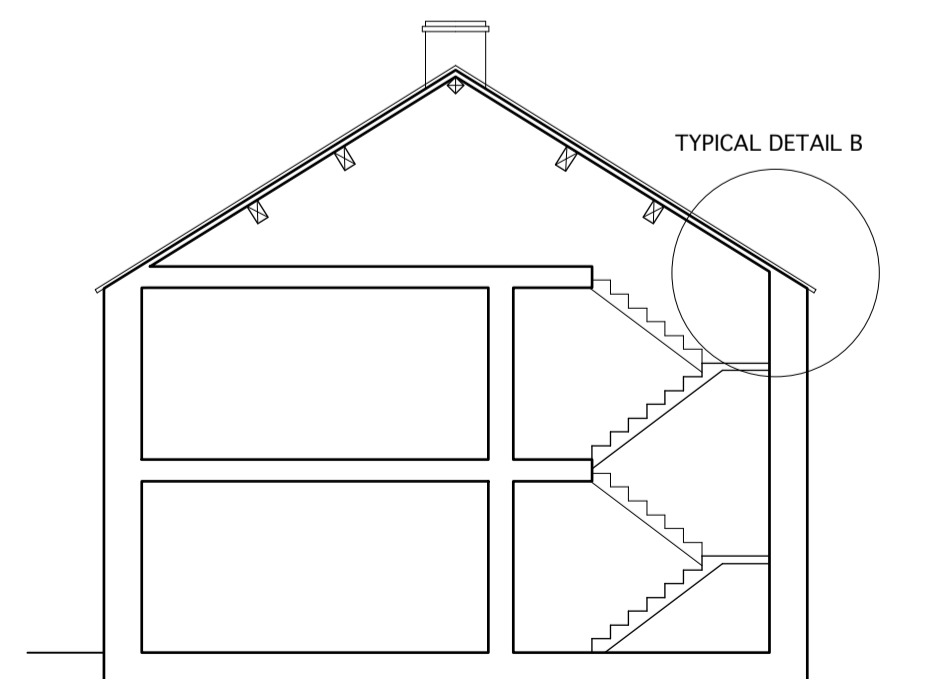
Existing stone flags (North side) and natural blue slate (South side), to be carefully removed and stored. Existing purlins and rafters to be inspected for condition / decay, etc., and replaced with matching size treated grade C16 s.w. sections as required (rafters assumed to be approx. 100mm deep). Insert 70mm **Kingspan Kooltherm® K7** rigid insulation between rafters to manufacturer's instructions and 62.5mm **Kingspan Kooltherm® K18** insulated dry-lining board (with integral vapour check) fixed to underside of rafters, with skim finish. (The contractor may use an alternative insulation achieving the correct values, providing calculations to prove compliance).

Overlay with new **Kingspan Nilvent®**, or similar approved, breathable membrane (allowing a slight sag between rafters) and re-use original stone flags (North side) and natural blue slate (South side), supplemented with matching reclaimed examples on new 50 x 38mm treated s.w. battens at gauge to suit pitch and size of flags / slates. Verges to be pointed in lime mortar to match original appearance.

Re-use existing salvaged duo-pitch ridge tiles (supplemented with reclaimed ones to match where required), to be pointed in lime mortar to match original appearance.

TYPICAL DETAIL B THROUGH ROOF CONSTRUCTION - 1:10

SECTION A-A THROUGH ROOF SINGLE STOREY OUTBUILDING - 1:50



TYPICAL SECTION THROUGH FARMHOUSE (Scale 1:100)

Rev	Date	Description
-	-	-

Higher Lickhurst Farmhouse
Chipping

Proposed Sections and Details
Building Regulations

Drwg. No.: 1735.LB.004 Rev.: -

Date: Dec '14 Scale: 1:50 & 1:10@A2

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