

Fig 3: location of proposed tests

Every room downstairs and roof space:

- thermal camera
- snake camera

All elements in roof space:

- rubber hammer
- mapping of visible decay/damage

VSG:

one frame every four in each roof

• Hygrometer:

RILEM guidelines suggest 2 measurements for elements up to 2.5m in length, 3 measurements for elements up to 4m in length, 4 measurements for elements above 4m in length - the guidelines will be followed unless part of the timbers are not accessible

3 frames in each roof
primary structural elements (=purlins) in
northwest corner roof

NB: the moisture content of additional timber elements will be measured if visible decay/damage or the hammer sounding suggest the presence of possible internal decay/damage - the ultrasonic test will be used to assess these same areas

