



Fig 21:

H+R roof 3a; showing general view



Fig 22:

H+R roof 3b; showing external view



Fig 23:

H+R roof 4; showing general view



Fig 24:

H+R roof 5; showing north side

Decay marked in red spray



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Fig 25:

H+R roof 5; showing east side

Decay marked in red spray



Fig 26:

H+R roof 5; showing south side

Decay marked in red spray



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Fig 27:

H+R roof 5; showing west side

Decay marked in red spray



Fig 28:

H+R roof 6; showing general view



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Fig 29:

H+R roof 6; showing general view



Fig 30:

H+R roof 6, west side; showing general view



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Fig 31:

H+R roof 6, west side; showing previous repairs made in the vicinity of a chimney penetration



Fig 32:

H+R roof 7; showing general view

Location of damage to internal finishes by leak indicated (arrow)

Previous timber replacements made post-fire circa Edwardian works



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Fig 33:

H+R roof 7; showing north valley arrangement and interface with roof 8



Fig 34:

H+R roof 8; showing general view



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Fig 35:

H+R roof 8; showing general view

Note modern timber replacements
made at east side



Fig 36:

H+R roof 9; showing general view



Fig 37:

H+R roof 9; showing modern strengthening of ceiling joist joints



Fig 38:

H+R roof 9; showing partially decayed eaves plate at north-east corner



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Fig 39:

H+R roof 10; showing general view

Note lack of access/exposure

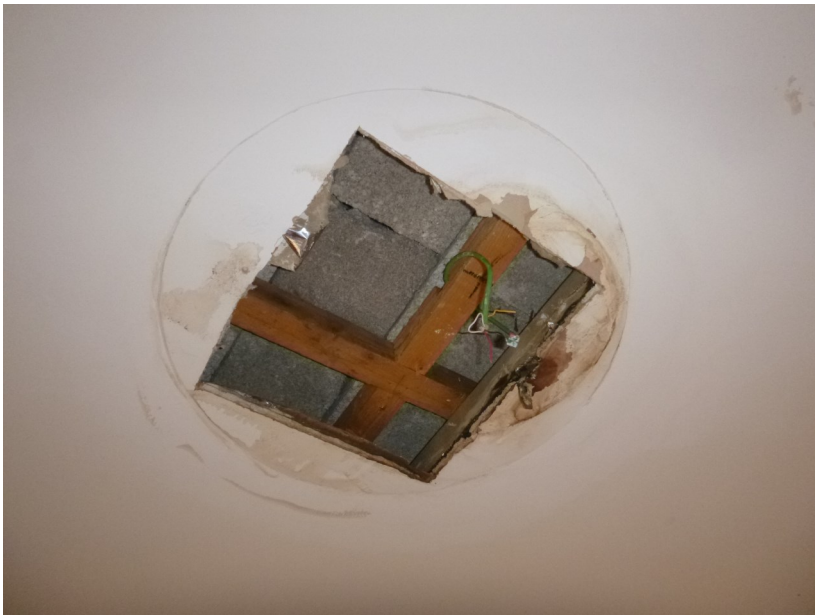


Fig 40:

H+R roof 11; showing view of solid slab structure



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Fig 41:

H+R roof 12; showing limited view of flat roof void and bressummer beam carrying wall above



Fig 42:

H+R roof 13; showing general view



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Fig 43:

H+R roof 13; showing borescope image of steel bearing at south-west corner



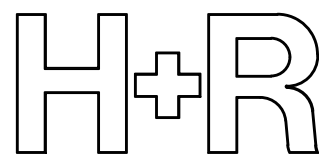
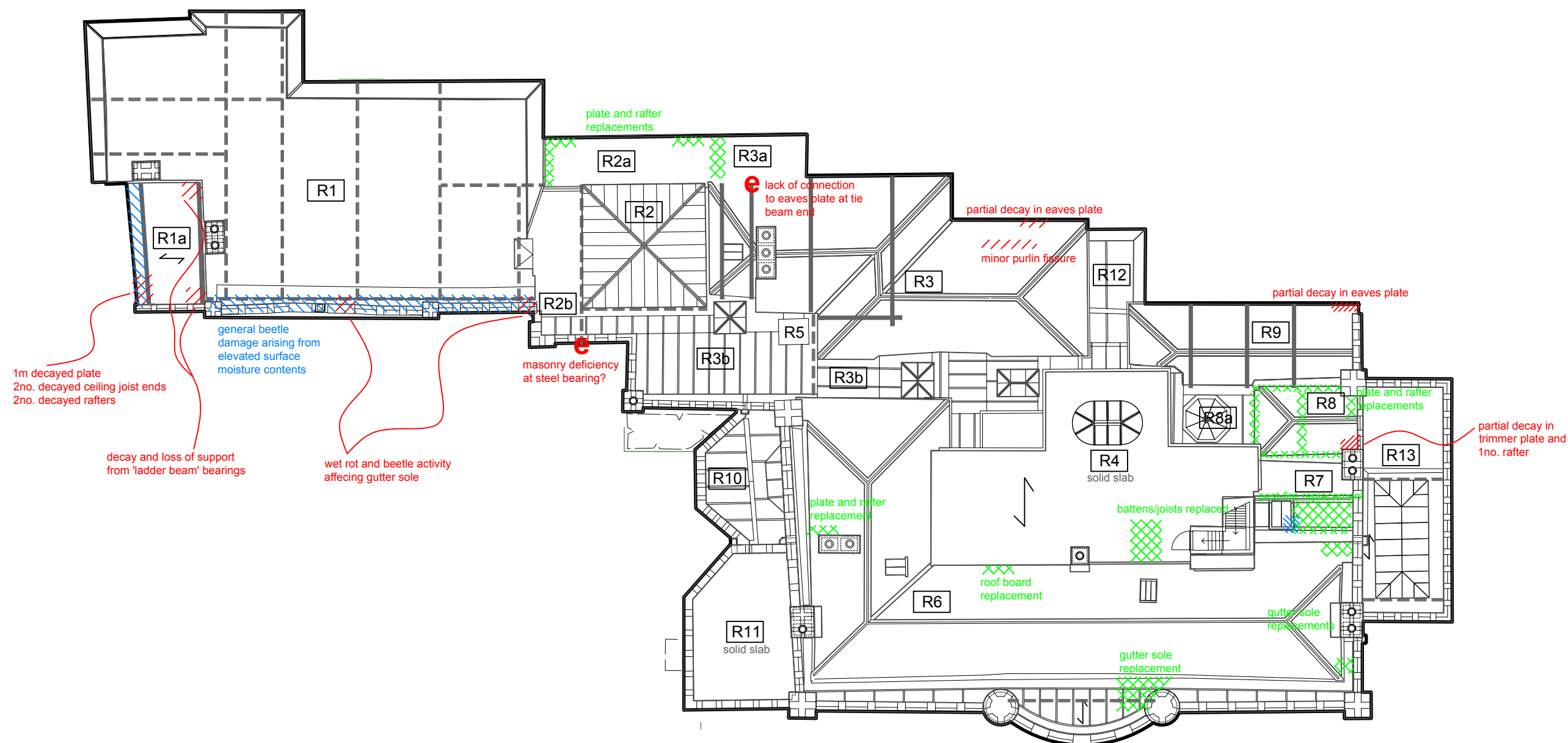
Fig 44:

H+R roof 13; showing borescope image timber infill within void



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Attachment C



Southleigh Park, Mansion House - Roof

Roof timbers investigation

27 January 2021

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