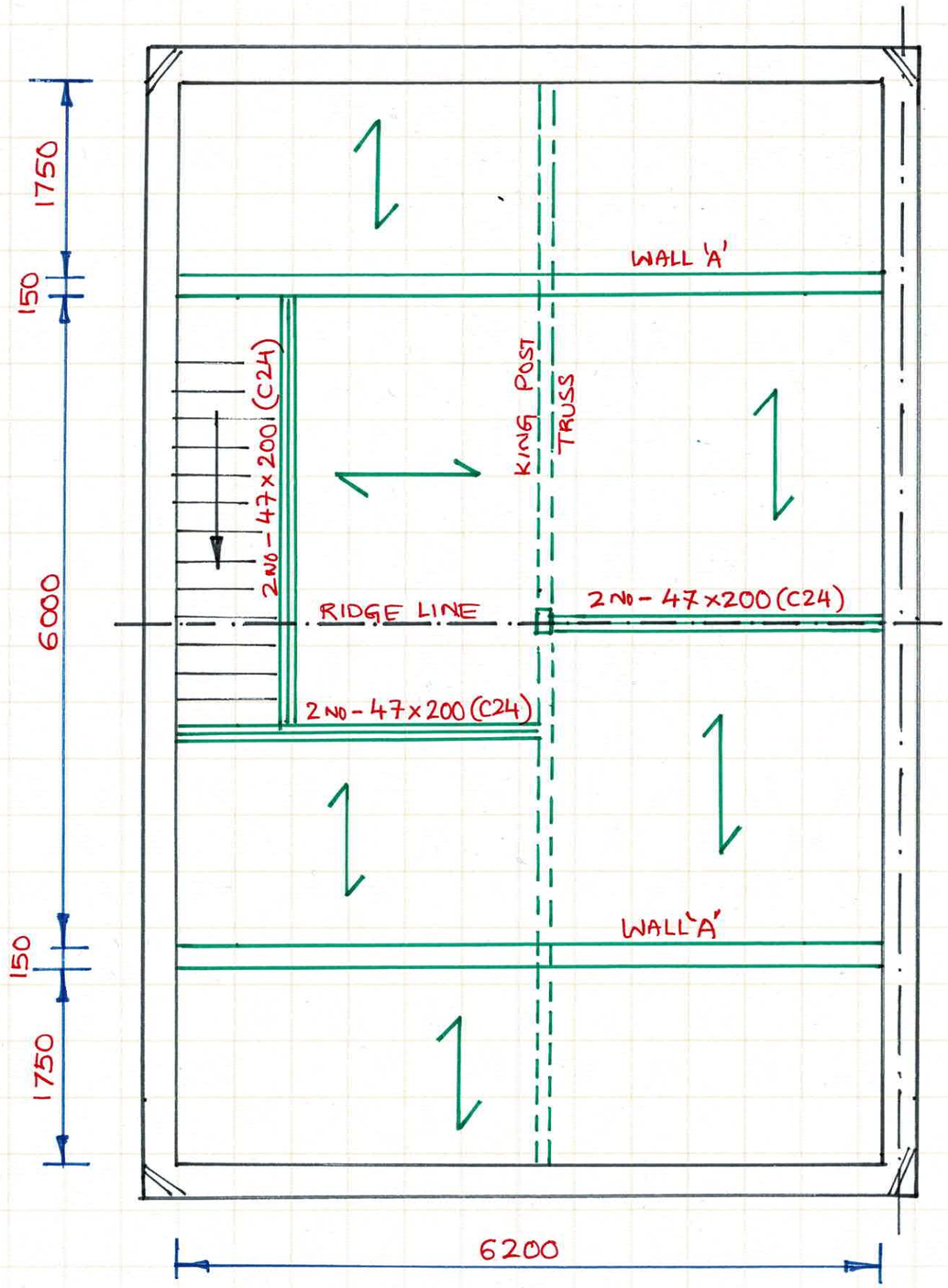


LOFT FLOOR PLAN – JOISTS LAYOUT

DIRECTION OF FLOOR JOISTS
– 47 x 200 (C24)
@ 400 mm c/c

WALL 'A'.

BUILD 1200mm HIGH TIMBER WALL USING 47 x 100 (C24) TIMBER ELEMENTS

– TOP PLATE –
2NO - 47x100 (C24)

– POSTS –
47x100 (C24) @ 600 mm c/c

– SOLE PLATE –
2NO - 47x100 (C24)

FIX 12mm THICK PLY ON EITHER FACE.

WALL 'A' TO SUPPORT THE KING POST TRUSS. USE STAINLESS STRAPS.

78 HEDWORTH LANE

Project Ref	AD/02/23
Steel/Timber Design Ref	AD/02/23/01
Drawing Ref	AD/02/23/01/01

Notes:

DRAWING NOT TO SCALE

ALL DIMENSIONS IN 'MM'

The contractor must determine the accurate lengths of various timber and steel elements before procuring the requisite material. VSC may be contacted for any further clarification prior to purchasing the materials.

The roof elements must be braced (where necessary) in accordance with NHBC Guidelines. Suitable steel strappings may be used to reinforce and brace the roof elements where required.

All fire protection to the proposed structure must be achieved in accordance with the guidance and requirements of the building regulations.

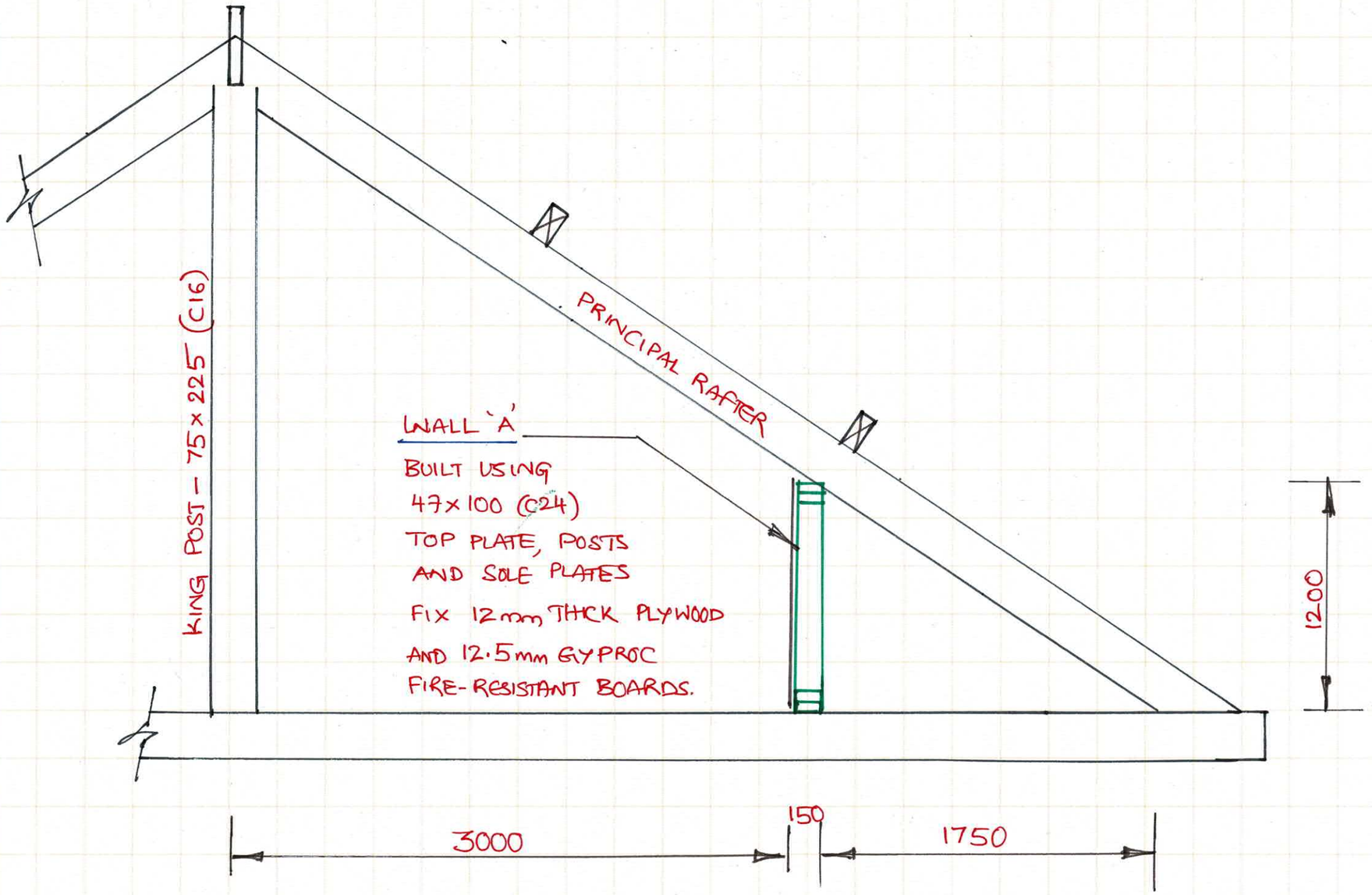
All new timber elements are to be of grade C24 timber.

All steelwork in with or on external masonry to be painted with 2 coats of black bitumastic paint.

All steelwork dimensions to be confirmed by the builder and the fabricator on site before the steel work is fabricated.

The contractor is to provide temporary works to shore and support the existing structure.

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MODIFIED KING POST TRUSS PART- ELEVATION.

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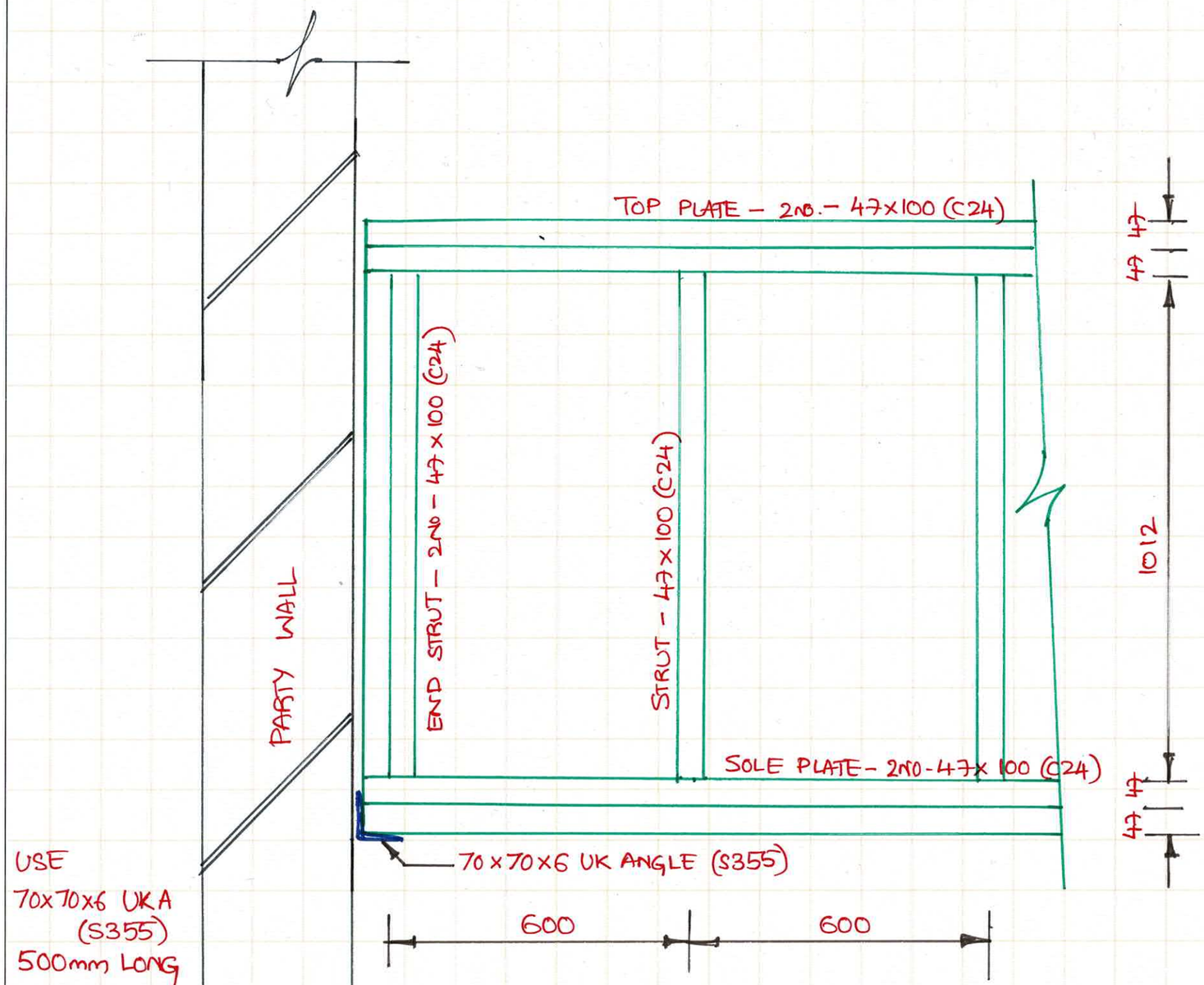
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USE LIGHT ENGINEERED STRAPS TO FIX END STRUTS TO THE PARTY WALL.

150mm x 75mm GALVANISED NAIL PLATES MUST BE USED TO CONNECT STRUTS AND TOP/SOLE PLATES.

USE 70x70x6 UKA (S355) 500mm LONG WITH PRE-DRILLED HOLES TO SUPPORT/RESTRAIN WALL 'A'

M16 (CLASS 8.8) BOLTS MUST BE USED TO FIX THE ANGLE TO THE WALL. 60mm EMBEDMENT DEPTH FOR RESIN ANCHOR M16 BOLTS.

WALL 'A' CONNECTION DETAILS

78 HEDWORTH LANE

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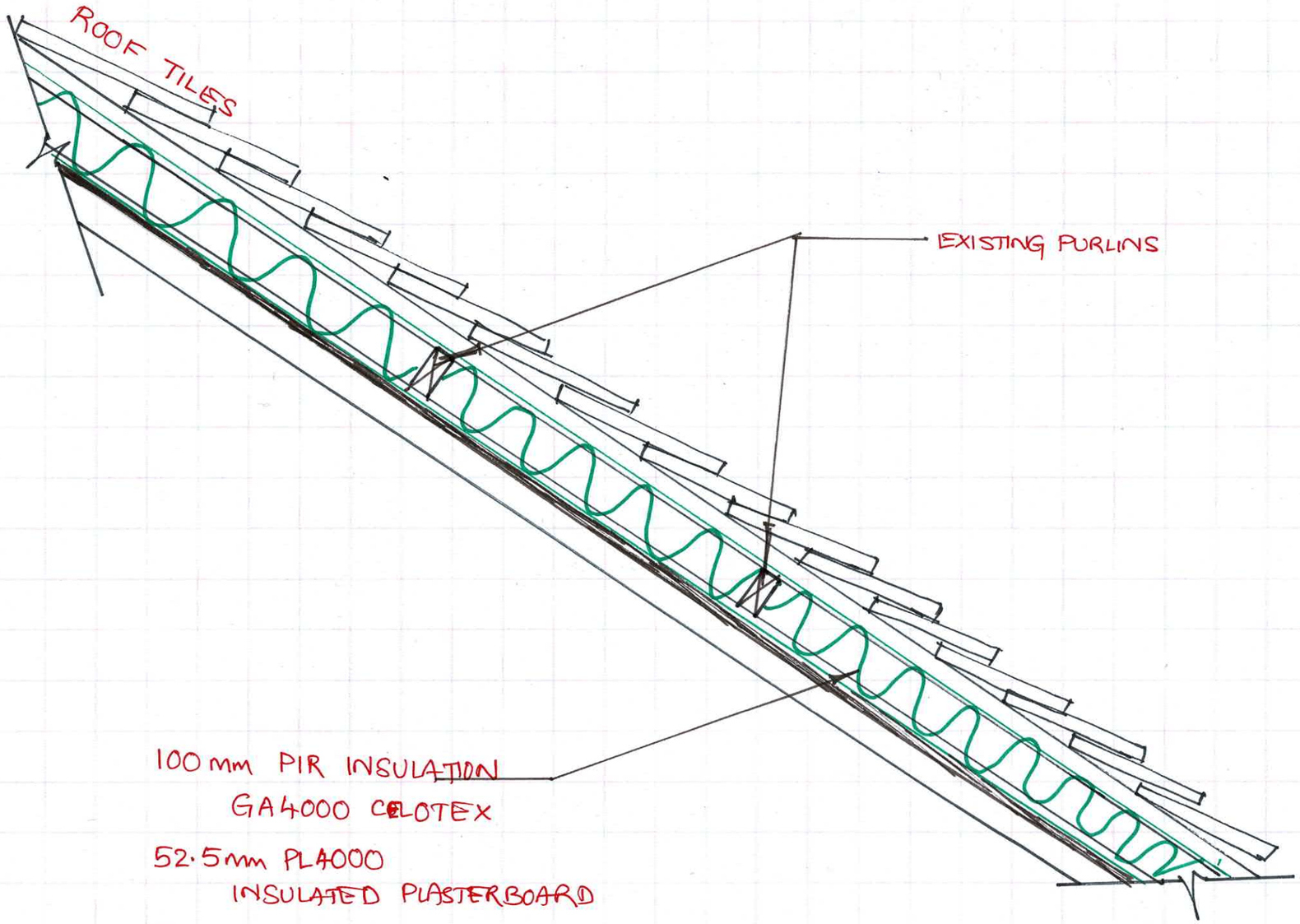
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LOFT ROOF INSULATION DETAIL

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Steel/Timber Design Ref	AD/02/23/01
Drawing Ref	AD/02/23/01/04

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