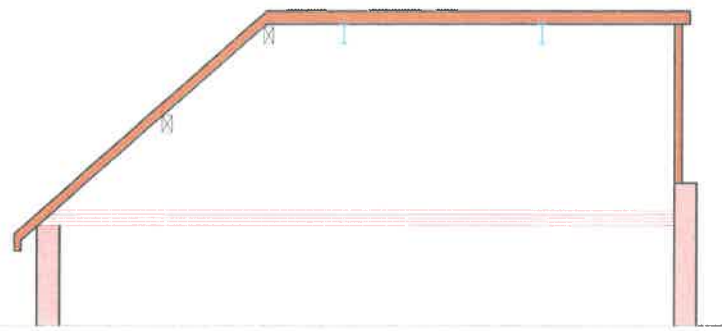


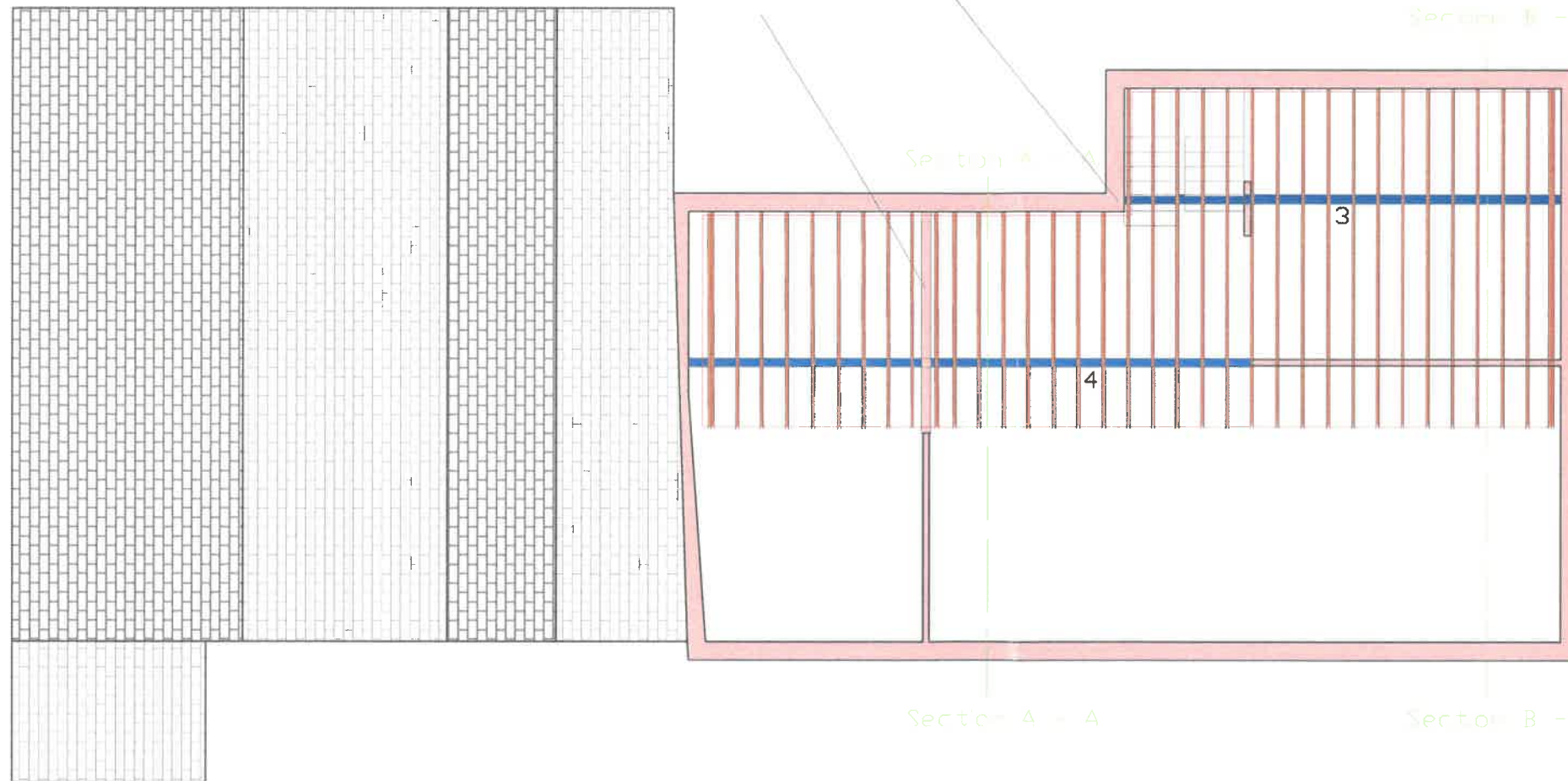
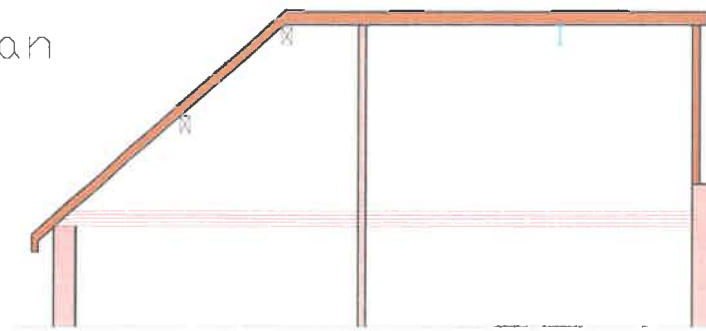
Section A - A



Dormer Construction Plan

100mm Wall to be built up from wall plate to carry universal beam. Universal beam to be 178mm x 102mm to carry mid span of dormer roof joists. Universal beam to be sat on 600mm x 200mm x 150mm pad stones

Section B - B



Dormer Construction

Proposed Development At Waterloo House, Waterloo Road, Clitheroe

Formation of Dormer to rear of property to create 1 x 1 bedroom studio and 1 x 2 bedroom flat.

Client Details :

Mr & Mrs Horsfall

Notes.

Wall to be built up from load bearing wall to carry Universal Beam no.4 Beam to support dormer roof joists as Section A - A & Section B - B

Plan Drawn

By

Roof-Space Conversions Ltd

267 Halifax Road
Nelson
Lancashire
BB9 0ER

100mm x 50mm timber for front of dormer built up from rear wall plate to carry header beam. Front and side walls of dormer to be built with 100mm x 50mm timber with superlux and 12mm ply board built up from 2 x 200mm x 50mm joist. Header beam to be 2 x 200mm x 50mm timbers. Dormer roof to be firestone rubber roof system on 18mm external quality ply screwed @ 100c/cs to 175 x 75 timber joist @ 400c/cs. Joist to be supported at mid span on UB3 and counter lever on UB4 and load bearing wall. (see Section A - A & B - B). Vapour permeable membrane to pinned to outside of dormer frame and vapor control layer to inside. TLX silver on existing roof rafters and new dormer roof joist with 75mm of kingspan in-between roof rafters and dormer roof joist, Cross batten with min 25mm batten to retain insulation and receive plaster board to meet U-value of 0.16 W/m2k. Dormer windows to be approx 2000mm x 1000mm. All windows to meet a min U-value of 1.6 W/m2k. Eaves vents with integral fly screens on existing pitched roof and at eaves to flat dormer roof. All windows to be fitted with 8000mm2 trickle vents. Dormer wall insulation to be 100mm of kingspan. Dormer to be finished in gray PVC with P.V.C windows and weather boards to match existing. Double up roof rafters around roof windows.