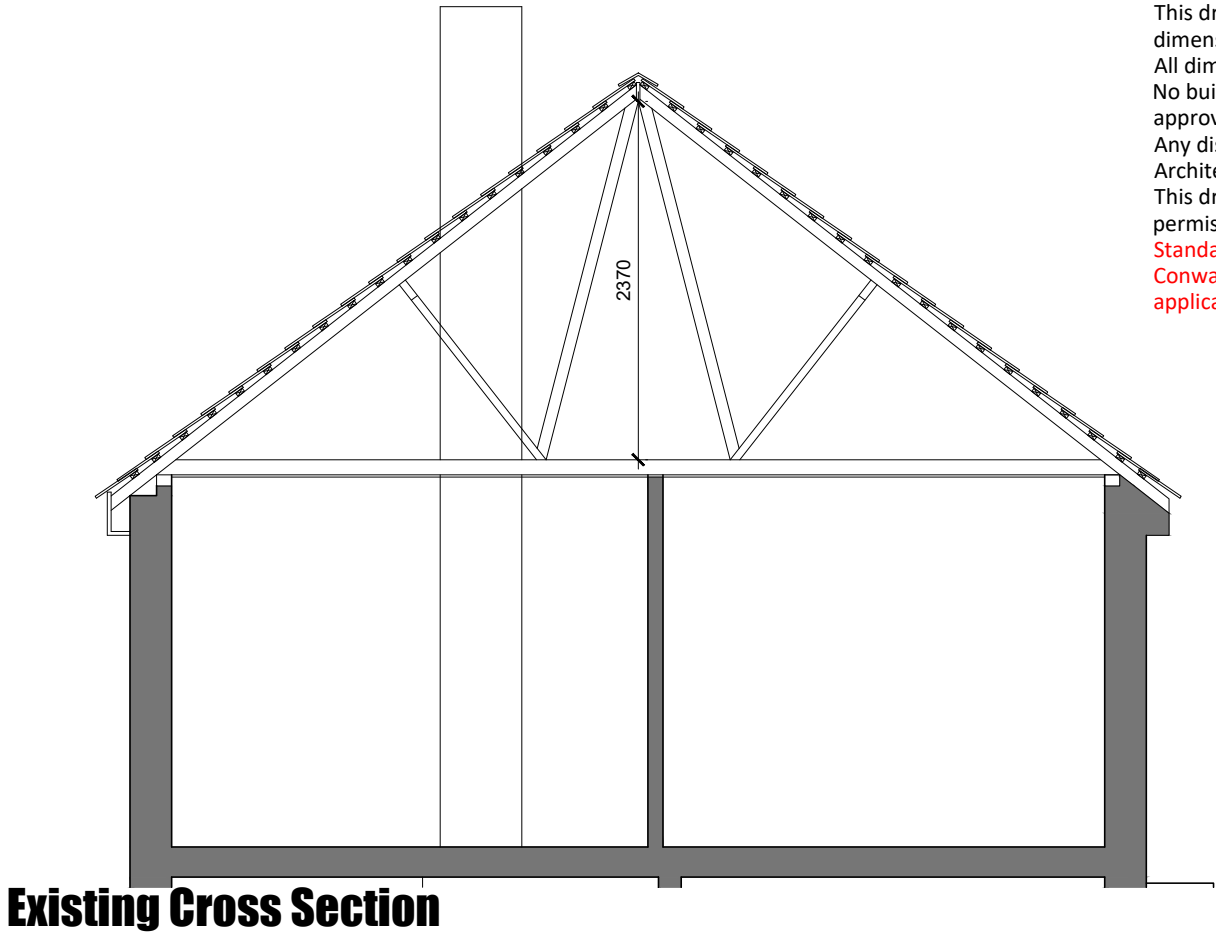


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Any discrepancies should be reported to Conway Architectural Design.
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Standard Building Regs Notes are to be provided by Conway Architectural Design prior to a building regs application being submitted.

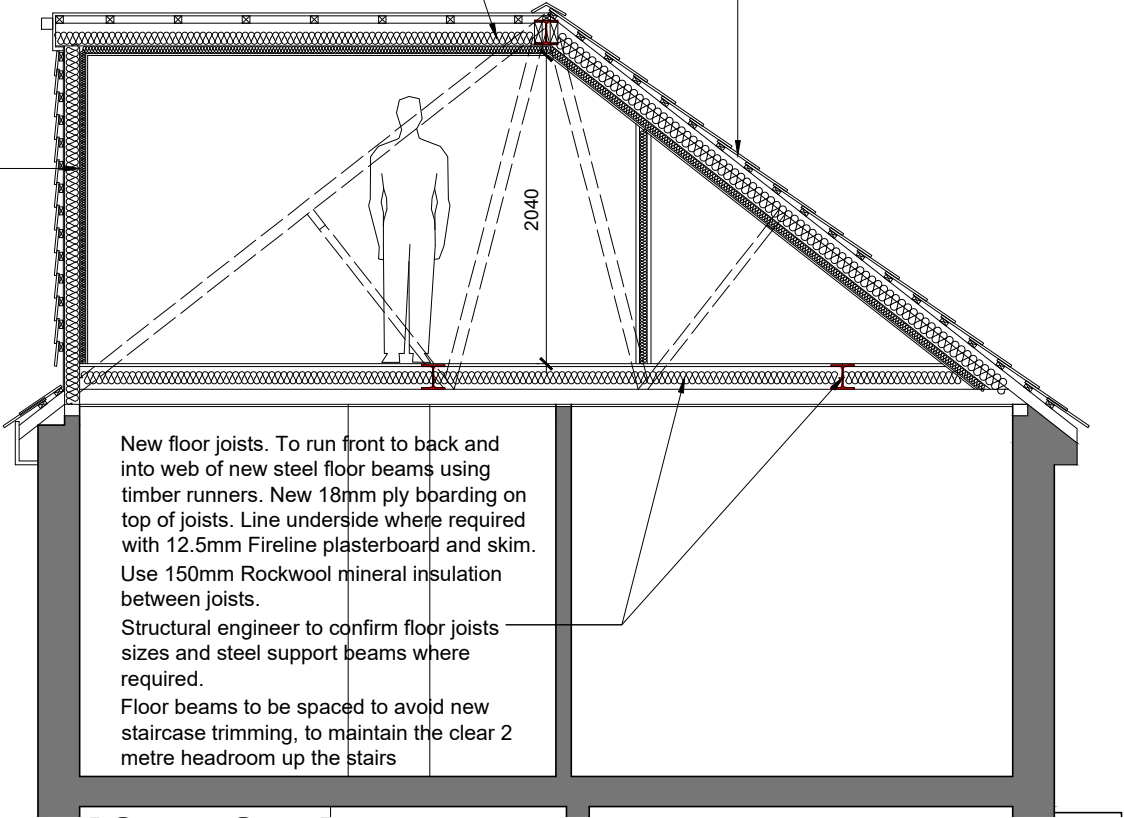


Insulation to pitched roof to allow for minimum 50mm air gap above 100mm Mannok Therm Roof MR insulation between rafters. To achieve this, thicken existing rafters with timber battens. Underdraw rafters with 82.5mm Mannok Therm Laminate Kraft insulated plasterboard with 3mm skim coat plaster.
Ventilate above abutment of flat roof and at ridge
U value of roof = 0.15W/m2K.

Cold flat roof to be constructed in single ply rubber membrane waterproof top layer, 18mm plywood deck on 50x50mm cross battens to give side to side cross flow ventilation, on roof joists designed by structural engineer. 100mm Mannok Therm MR insulation between joists leaving a min. 50mm airgap above insulation. Roof joists underdrawn with 70mm Mannok Therm MR insulation, then a vapour barrier and 12.5mm plasterboard and skim coat.
To give a U-Value of 0.15w/m²

To cheeks and gable of dormer fix grey vertical tiles on 50x25 battens, on breathable membrane, on 9mm OSB. 100mm Mannok Therm MW insulation between 100x50mm timber dormer studs. Lined internally with 30mm Mannok Therm MW insulation then lined with 12.5mm Fireline plasterboard, then with 3mm skim coat.
To give a U-Value of 0.18w/m²k.

Where dormer wall is within 1 metre of boundary then Supalux board is to be used instead of 9mm OSB. This is to give a minimum of 30 minutes fire resistance to/from neighbouring property.



Proposed Cross Section

Conway
Architectural
Design

6 Conway Close
Alkrington
Middleton
Manchester, M24 1EW
E: conway-design@outlook.com

JOB TITLE :
ADDRESS :
DRAWING TITLE :
SCALE :
DRAWN : xxx

Dormer Loft Conversion
135 York Road West, Alkrington
Cross Sections
1:50 @ A3
DATE : 11.03.26

JOB NO./
DWG NO.

1076-12