

Conway Architectural Design shall have no responsibility for any use made of this document other than for that which it was prepared and issued. This drawing should not be scaled. Work to figured dimensions only. All dimensions and levels to be checked on site. No building work is to be started until all relevant approvals are in place. Any discrepancies should be reported to Conway Architectural Design. This drawing should not be reproduced without written permission from Conway Architectural Design. **Standard Building Regs Notes are to be provided by Conway Architectural Design prior to a building regs application being submitted.**

- Unvented pitched roof as follows:
- Slates on 38x25mm timber battens.
 - On breather membrane.
 - 30mm clear cavity.
 - 120mm Recticel Eurothane GP insulation between 150x50mm timber rafters.
 - 60mm Recticel Eurothane insulation across inner face of rafters.
 - 1000 gauge vapour control layer.
 - 12.5mm plasterboard and skim coat.

Timber ridge beam by structural engineer.

- Warm flat roof as follows:
- Single ply rubber membrane.
 - On 150mm Recticel Powerdeck F insulation.
 - On vapour control layer.
 - On 18mm ply.
 - On timber flat roof joists designed by structural engineer.
 - Underdraw the joists with 12.5mm plasterboard and skim coat.

Single ply rubber membrane to continue up top of rafter by a minimum of 150mm.

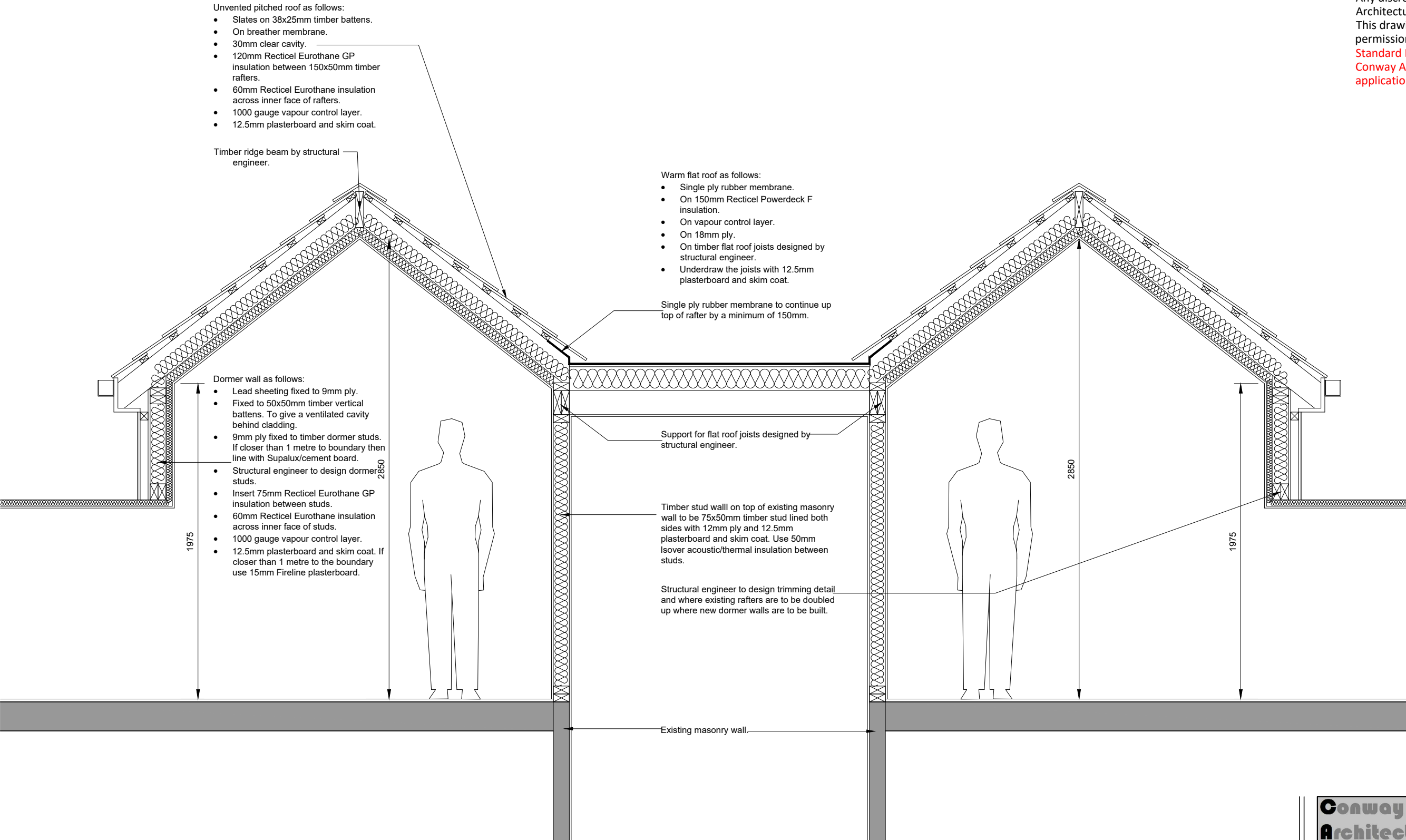
- Dormer wall as follows:
- Lead sheeting fixed to 9mm ply.
 - Fixed to 50x50mm timber vertical battens. To give a ventilated cavity behind cladding.
 - 9mm ply fixed to timber dormer studs. If closer than 1 metre to boundary then line with Supalux/cement board.
 - Structural engineer to design dormer studs.
 - Insert 75mm Recticel Eurothane GP insulation between studs.
 - 60mm Recticel Eurothane insulation across inner face of studs.
 - 1000 gauge vapour control layer.
 - 12.5mm plasterboard and skim coat. If closer than 1 metre to the boundary use 15mm Fireline plasterboard.

Support for flat roof joists designed by structural engineer.

Timber stud wall on top of existing masonry wall to be 75x50mm timber stud lined both sides with 12mm ply and 12.5mm plasterboard and skim coat. Use 50mm Isover acoustic/thermal insulation between studs.

Structural engineer to design trimming detail and where existing rafters are to be doubled up where new dormer walls are to be built.

Existing masonry wall.



**Conway
Architectural
Design**

6 Conway Close
Alkrington
Middleton
Manchester, M24 1EW

E: conway-design@outlook.com

JOB TITLE : Dormer Loft Extension
ADDRESS : 49 Quarmby Road, Huddersfield
DRAWING TITLE : Cross Section
SCALE : 1:25 @ A3
DRAWN : xxx DATE : 12.02.26

JOB NO./
DWG NO.

1055-10