

ROOF:

Strip off existing roof, new slate tiles to match existing in colour; to clients requirements.
Lay Tyvec breathable roofing membrane, batten and utilise existing slate tiles.
Provide RSJ ridge beam, RSJ beams and load bearing studwork to support roof structure.
Provide new 147 x 50mm C24 rafters doubled up where timber purlins removed.
Maintain 25mm eaves vents
Provide ridge tile vents at 1500mm centres.

FLAT ROOF DORMER:

Dormer cheeks to consist of 100 x 50mm studs, with 100mm Kingspan K7 insulation. Clad cheeks with plyboard, breathable membrane and batten; finish with slate tiles to match existing in colour.
Provide Supalux fire line board to area within 1000mm of chimney.
Provide 3 N° 50 x 122mm C24 timbers to form rakers.
Provide 100mm x 100mm corner posts, with 150 x 100mm header.
Roof to consist of 145 x 47mm C16 joists at 400mm centres (max. span 3190mm), (supported off new RSJ beam and L.B studwork), with 50 x 50mm cross battens. Insulate between joists with 100mm Kingspan Kooltherm K7 Pitched Roof Board and 50mm of Kingspan under to achieve U value 0.2 W/m² K.
12.5mm plasterboard and skim finish.
Use roofing grade chipboard, on firrings, with glass reinforced plastic finish to match colour of slate roof.

INSULATION:

Where ceiling follows pitch line; insulate between rafters with 50mm thick Kingspan Kooltherm K7 Pitched Roof Boards and 50mm Kingspan insulated back plasterboard / skim finish to underside.
Maintain minimum 25mm ventilation over.
Maintain a U value 0.2 W/m² K.
Provide 100mm Kingspan K7 or equivalent insulation between stud walls.
Provide 25mm continuous eaves ventilation.
Provide ridge tiles at 1500mm centres.

STEELWORK:

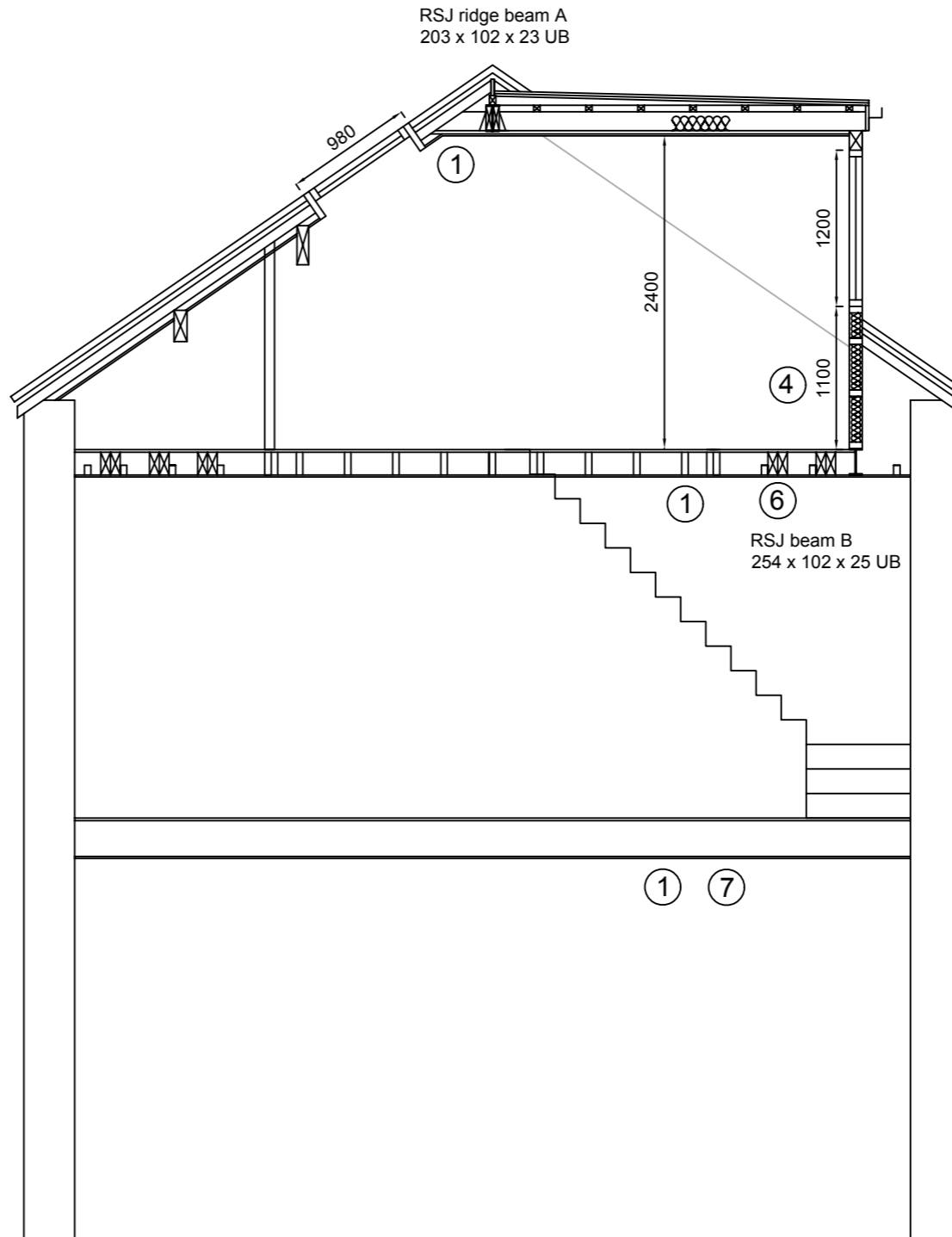
Steelwork RSJ's to support ridge / roof / floor:
Steelwork and padstones to engineers design. **(conditional approval requested for building regulations compliance).**
Clad steelwork in 12.5mm plasterboard; with skim finish to give 30 minutes fire resistance.

FLOOR:

Provide doubled up 170 x 75mm C24 floor joists at 400mm centres. with strutting at mid span positions and lateral restraint straps at maximum 2 metre centres.
Use 100mm Rockwool insulation between joists.
Flooring to be grade tongue and groove chipboard cover.

KEY:

- 1. Mains operated and interlinked smoke detector.
- 2. 30 minute fire door.
- 3. 2 number trimmers to stairs.
- 4. 100 x 50mm load bearing studding at 400mm centres.
- 5. Clear landing at head and foot of stairs.
- 6. 170 x 75mm C24 floor joists at 400mm centres.
- 7. Mains operated and interlinked heat detector.



Proposed Section

NOTE:
PLEASE DO NOT SCALE FROM THIS DRG.

NOTE:
CONTRACTOR TO VERIFY ALL SIZES
ON SITE BEFORE COMMENCEMENT

NOTE:
Materials to match existing.

These notes do not comprise a full specification. The drawings are for building regulation purposes only and are not working plans. They do not comprise of a complete specification for the whole of the works. Their primary function is to assist the local authority inspector to determine compliance in line with building regulation standards.

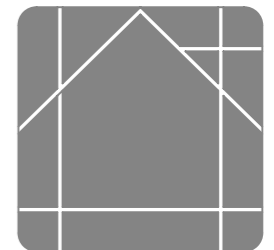
Where further clarifications are required contractor shall refer to the client for details and instruction.

All dimensions must be checked by the contractor and any discrepancies noted in writing to MAS Design Consultants Ltd.

Do not scale from this drawing.

All works must be carried out in accordance with current Building Regulations, Codes of Practice and Planning Officers requirements.

All materials must comply with current British Standards in situations used.



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EXTENT OF PROJECT:
PROPOSED REAR FLAT ROOF DORMER
FORMING BEDROOM & EN SUITE
PROPOSED INTERNAL ALTERATIONS @ 26
BREWERY ROAD, ILKLEY, WEST YORKSHIRE

CLIENT DETAILS
CATH & WILL RUDMAN
20 GRANGE AVENUE
ILKLEY
LS29 8NU

DRAWING TITLE:
PROPOSED SECTION

PAPER SIZE	SCALE	DATE	REV
A3	1:50	01/12/09	