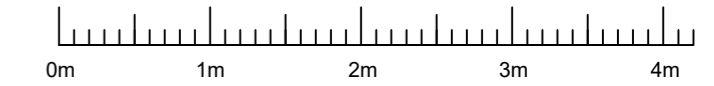
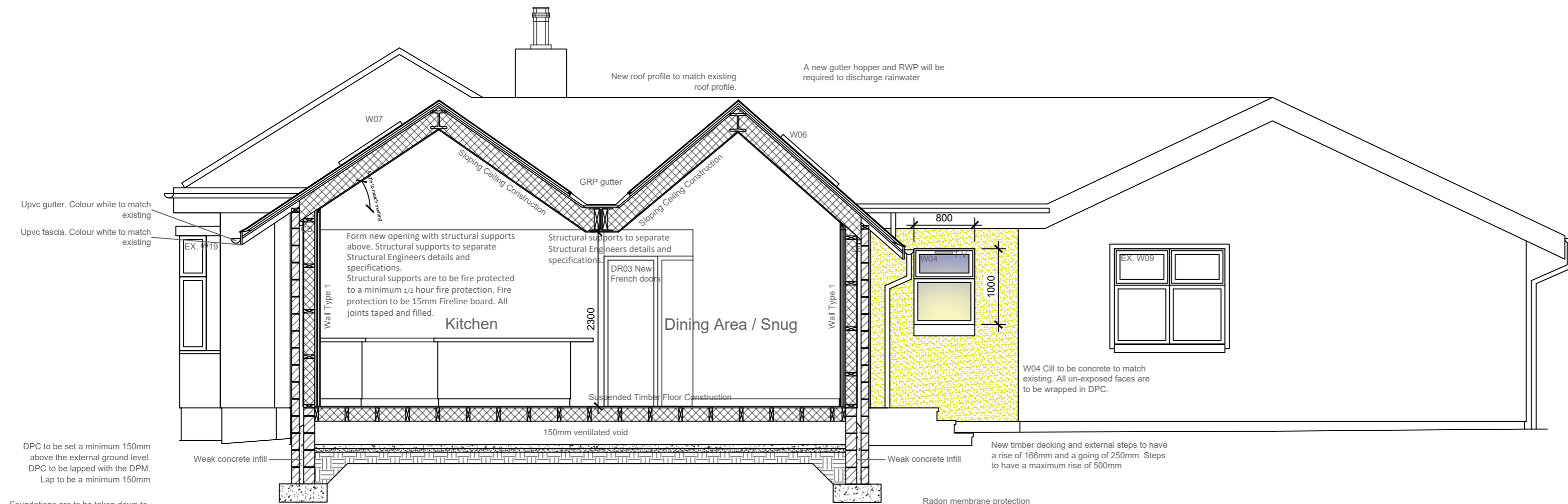


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 Figured dimensions take preference. Do not scale from this drawing. All dimensions to be checked on site by Main Contractor before commencement of any work, shop drawings or manufacture of components. Dimensions are in millimetres unless otherwise specified. Any discrepancies to be referred to this office for decision. This drawing is to be read in conjunction with the specification (when applicable). All drainage lines are assumed until verified on site by Main Contractor.

For kitchen and utility units, all dimensions (plan and vertical) must be taken on site prior to manufacture by kitchen and utility unit manufacturer.



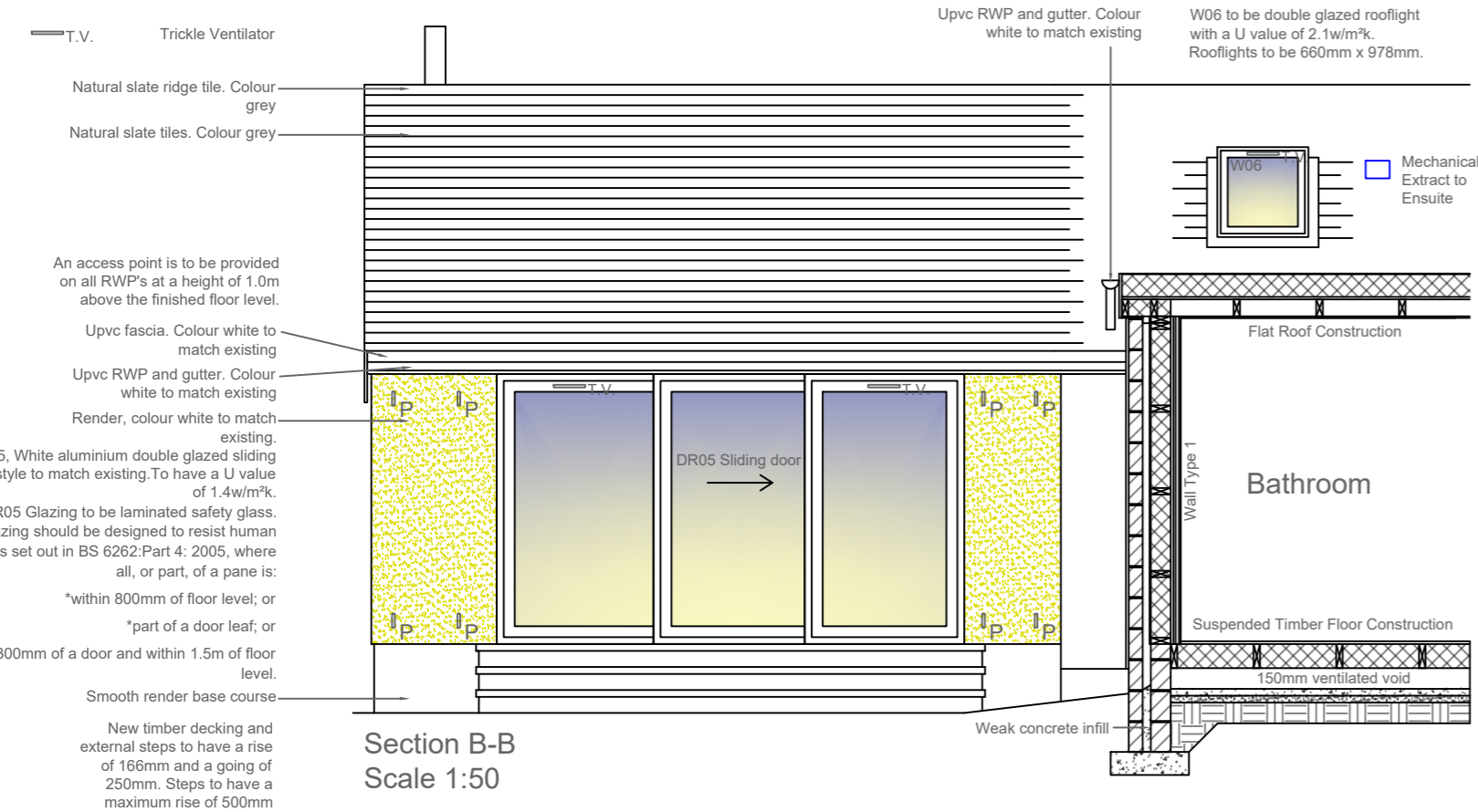
These drawings are to be read in conjunction with:  
 AD 1719 / 01, BP01, 02, 03, 04, 05, 07 & 08



DPC to be set a minimum 150mm above the external ground level. DPC to be lapped with the DPM. Lap to be a minimum 150mm.

Foundations are to be taken down to the level of the existing house foundations or the invert level of adjacent drains whichever is lower. Minimum cover to the top of the foundation to be 450mm. Refer to separate structural engineer's details.

Section A - A  
 Scale 1:50



Section B-B  
 Scale 1:50

DPC to be set a minimum 150mm above the external ground level. DPC to be lapped with the DPM. Lap to be a minimum 150mm.

Foundations are to be taken down to the level of the existing house foundations or the invert level of adjacent drains whichever is lower. Minimum cover to the top of the foundation to be 450mm. Refer to separate structural engineer's details for foundation size and specification.

**Radon membrane protection**  
 To protect the extension from Radon Gas a Radon Gas Barrier is to be installed. The membrane is to be a minimum 1200g DPM or specialist Radon Gas membrane. Apply jointing tape to all joints and seal the adjacent sheet in accordance with the manufacturers recommendations. Use sealing tape to seal the top face of the joint. Radon membrane to lap a minimum 150mm with the DPC. All joints are to be taped and or welded, and sealing tape applied. Where appropriate, cavity trays are to be installed, and lapped a minimum 150mm with DPC and DPM. All joints are to be taped and or welded. All joints are to be sealed.

**SLOPED ROOF CONSTRUCTION**  
 Natural Slate tiles. Slate tiles to be laid on 25 x 38mm s/w treated battens laid on 25 x 38mm s/w treated counterbatten (counterbattens to run parallel with the roof joists), laid on Roofshield Vapour barrier on 22mm external quality Sarking board on structural roof members, 230mm Kingspan K107 insulation to be fitted between rafters, on vapour control layer. Rafters to be underdrawn with 12.5mm plasterboard. All joints to be taped and filled. For Structural roof members, refer to separate Structural Engineers details. 'U' Value - 0.12w/m²K.

**FLAT ROOF CONSTRUCTION**  
 Signature 25 Roof Waterproofing system.  
 Roof build up from exterior to interior.

- A fully torch bonded layer of SIGNature Fire rated Cap Sheet.
- A full bonded torch bonded layer of SIGNature underlay 25.
- 165mm thick Kingspan TR27 insulation board bonded with polyurethane adhesive.
- A fully torch bonded layer of SIGNature VCL.
- 18mm exterior quality plywood.
- Furring pieces on s/w treated joists. Joists to be underdrawn with 12.5mm plasterboard. All plasterboard to have a density of 10kg/m³. All joints to be lapped and filled. All structural members are to separate structural engineers details and specifications.

U value - 0.12w/m²K

All lead work is to be installed fully in accordance with the written instructions of The Lead Sheet Association.

**SUSPENDED TIMBER FLOOR**  
 20mm flooring grade chipboard flooring on 175 x 47mm s/w C24 joists, at 400mm max. centres, with 175mm Kingspan Thermafloor TF70 insulation held in position with 25mm x 25mm s/w treated battens. Minimum 150mm ventilated undercroft, 50mm site concrete, on 1200g Visqueen DPM, on 50mm clean sharp sand, on 150mm well consolidated hardcore. DPC and DPM to lap by 150mm. All structural elements are to be confirmed by separate Structural Engineers details and specifications. 'U' Value - 0.13w/m²K.

If any existing sub-floor ventilators are constructed over, then they are to be retained, and ducted to outside air with uPVC pipes, and ventilate to air bricks, all to comply with 3.4.4

Foundations are to be taken down to the level of the existing house foundations or the invert level of adjacent drains whichever is lower. Minimum cover to the top of the foundation to be 450mm. Refer to separate structural engineer's details for foundation size and specification.

DPC to be set a minimum 150mm above the external ground level. DPC to be lapped with the DPM. Lap to be a minimum 150mm.

**LATERAL SUPPORT**  
 Lateral support to walls. Stainless steel straps to be 30 x 5mm cross section fixed @ 1600mm maximum centres.

Revision B	Issued to Planning & Building Control	08.02.24	RS
Revision A	Issued to Client for Approval	22.01.24	AB

**Project:**  
 Development at East Lodge, Behelvie,  
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**Drawing Title:**  
 Section A - A and Section B - B

**Scale:**  
 1:50 @ A2

**Date:**  
 8th February 2024

**Drawn:**  
 RS

**Drawing Number:**  
 AD 1719 / 06 Rev B

