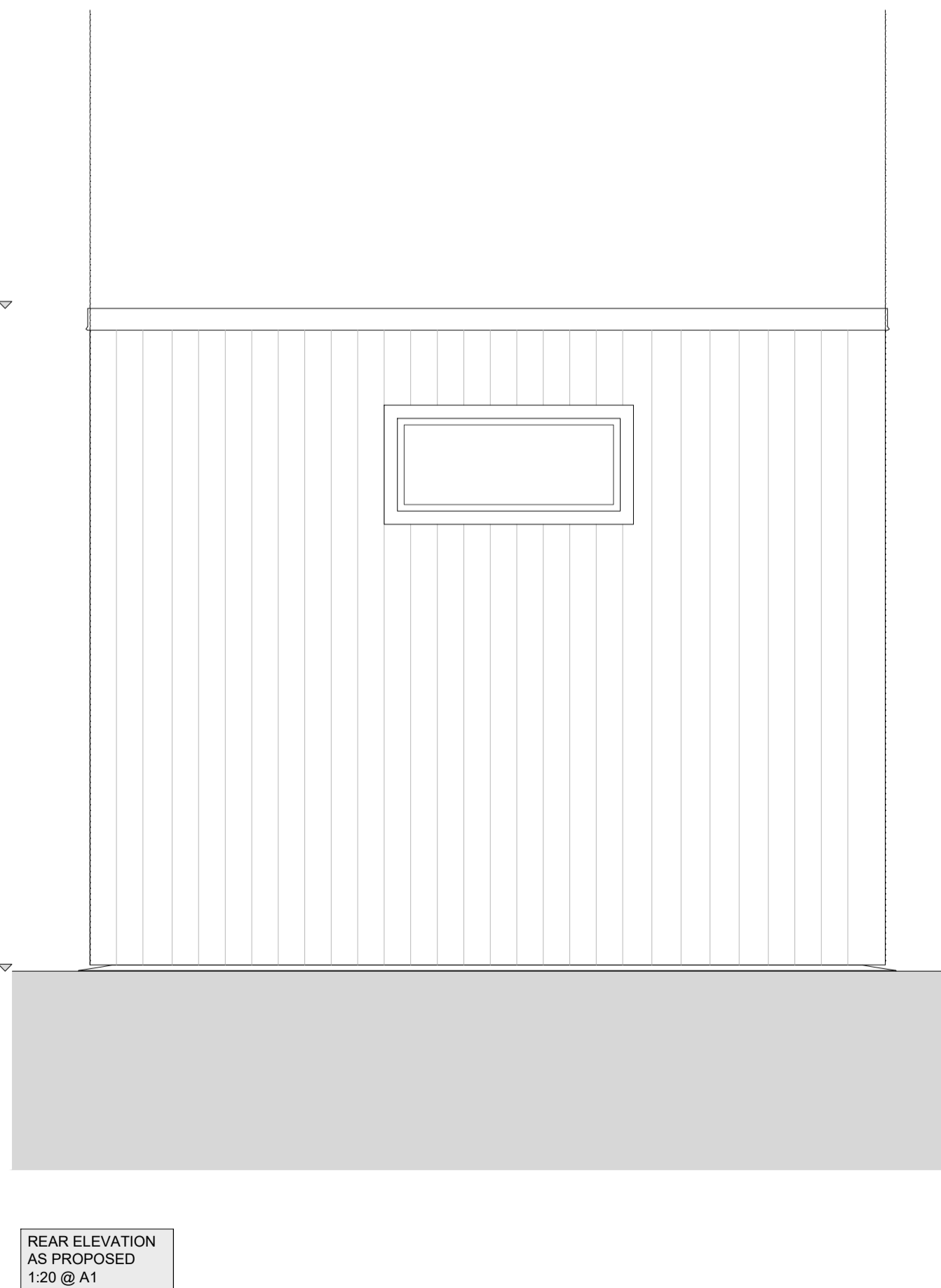
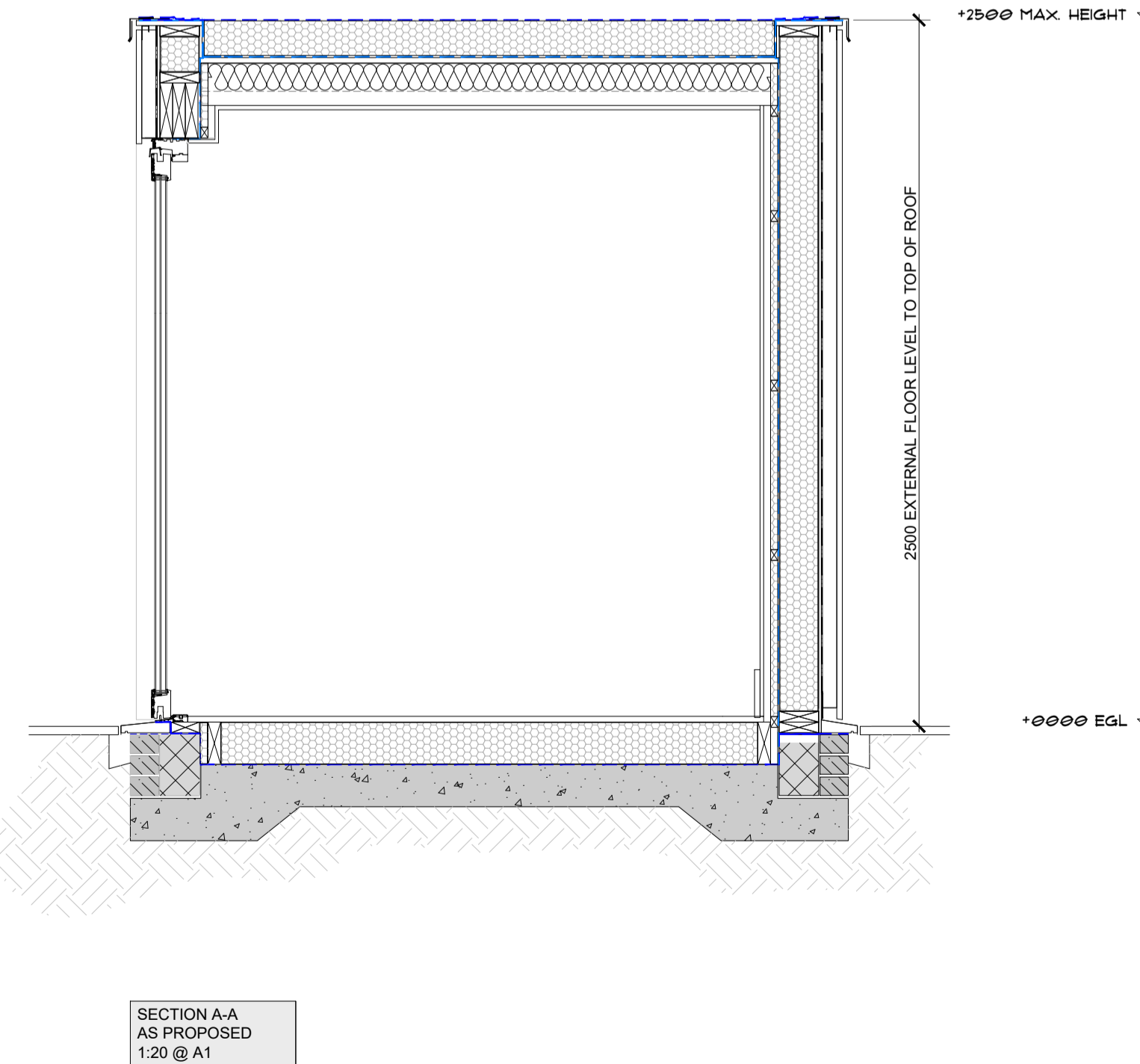


Roof Specification:
 Single ply roofing membrane, over 140mm Kingspan Thermarof TR27 LPC/FM insulation, on High Performance Vapour Control Layer (suitably lapped with single ply membrane - as per manufacturers guidelines), over 18mm external grade ply roof deck, sitting over 50 x 150mm C16 SW roof joists @ 400mm centres, with 100mm (min) mineral wool quilt insulation (10-36 kg/m³) between studs, supported on mesh fixed between joists against underside of deck, a 50mm service void behind, finished internally with 12.5mm gypsum based plasterboard, and skim ceiling finish

External Wall Construction
 20mm Composite cladding to Contractor Specification (Ecoscape), fixed to 50 x 50mm Vacuum pressure treated SW Timber battens set vertically at 400mm centres
 High Performance Breather Membrane, fixed to 9mm Oriented Strand Board (OSB), against 145mm Vacuum Pressure treated soft wood structural timber kit, frame members at Max. 400mm centres, with 140mm Rigid Poly-isocyanurate Insulation Boards, fitted against back of OSB between studs, with High performance Intelligent Vapour Control Layer (VCL), with all joints fully taped and sealed, to the inside of the timber frame, 25mm Rigid Poly-isocyanurate Insulation Boards, securely fixed to internal face of vertical members forming timber kit, 25 x 45mm Vacuum pressure treated Soft wood Timber Battens at 400mm centres in order to create 25mm service void 12.5mm Gypsum-based Plasterboard 2 - 3 mm Gypsum Plaster Skim

Ground bearing floor slab construction to comprise:
 150mm deep concrete floor slab with mesh reinforcement in top/bottom thirds (minimum 50mm cover) to suit the requirements of the Structural Engineer/Building Control Officer on Separating layer (polythene to suit insulation manufacturers requirements), with 150mm Kingspan TF70 insulation, on Visqueen 1200 gauge DPM (DPM to be turned up perimeter block work 150mm well compacted & suitably blinded hardcore base) with 22mm flooring grade chipboard to be laid over
 DPM to be turned up to the inside of the perimeter block work to lap with external wall DPC's in accordance with manufacturers guidance



**PROPOSED GARDEN OFFICE AT
 37 NORTH PARADE,
 ILKLEY,
 LS29 8JN**

FOR:
MR OLIVER THOMAS COOPER

**PERMITTED
 DEVELOPMENT**

Date **DECEMBER-2023**

NOTE: **THIS DRAWING IS FOR
 PLANNING PURPOSES
 ONLY.**