



Key Note to First Floor

PART A

Refer to Structural Engineers details

PART L1B

New pitched mansard roof to comprise WELSH slate tiles, draped sarking felt, ventilated battens, minimum 25mm cavity, 30 mm thk. YELOFOAM X2i over rafters, 30 mm thk. YELOFOAM X2i laid between rafters, finished internally with polythene, minimum 500 gauge vapour control barrier and 1 no 12.5mm plasterboard with skim and paint finish to a achieve a minimum U-Value of 0.25 w/m²/K. OR SIMILAR APPROVED BY THE CA

Allow for bespoke metal angle trimmer detail [as cannon street roof] for the junction between the slate mansard and flat roof

New principle flat roof to comprise bitumen felt dark grey flat roof fixed to 52mm thk COLLECTA XPLY plywood and thermal laminate proprietary sandwich insulation board, laid on structural timber joists with 100mm thk COLLECTA FIBRESLAB laid between joists. Allow for a continious vapour control layer attached to underside of joists with 1 sheet of 12.5mm plasterboard with skim and paint finish to achieve a minimum 0.25 w/m²/K. OR SIMILAR APPROVED BY THE CA

New small flat roof to comprise BAUDER SEDUM GREEN roof constructed from dark grey bitumen felt fixed to 52mm thk COLLECTA XPLY plywood and thermal laminate proprietary sandwich insulation board, laid on structural timber joists with 100mm thk COLLECTA FIBRESLAB laid between joists. Allow for a continious vapour control layer attached to underside of joists with 1 sheet of 12.5mm plasterboard with skim and paint finish to achieve a minimum 0.25 w/m²/K. OR SIMILAR APPROVED BY THE CA

Rooflights

R1 780 x 1080mm long electrically operated VELUX flat roof window white internal timber finish

R2 1000 x 1000mm long electrically operated VELUX flat roof window white internal timber finish

All rooflights to be proprietary timber units to comprise an outer toughened pane of 4 mm PILKINGTON OPTIFLOAT, 16 mm argon gas filled cavity and an inner pane of 4 mm PILKINGTON K glass to achieve U value of minimum 2.0 w/m²/K



PROPOSED ROOF PLAN