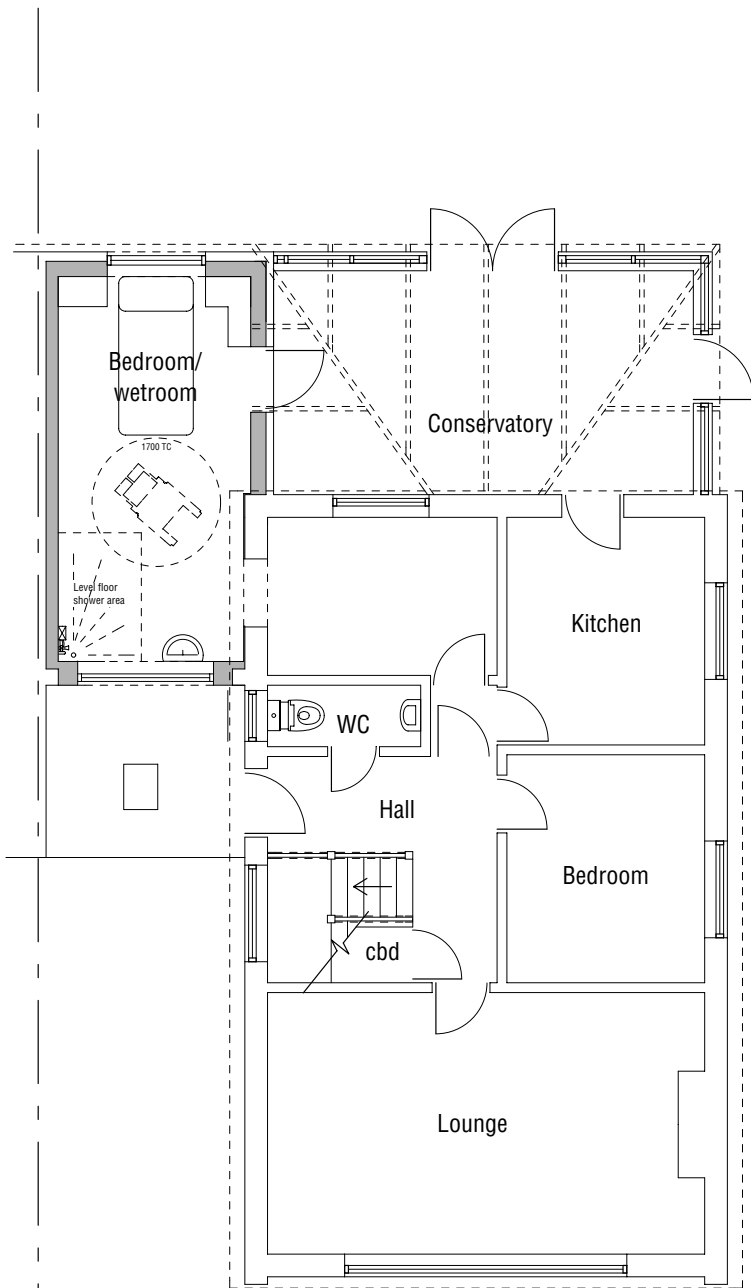
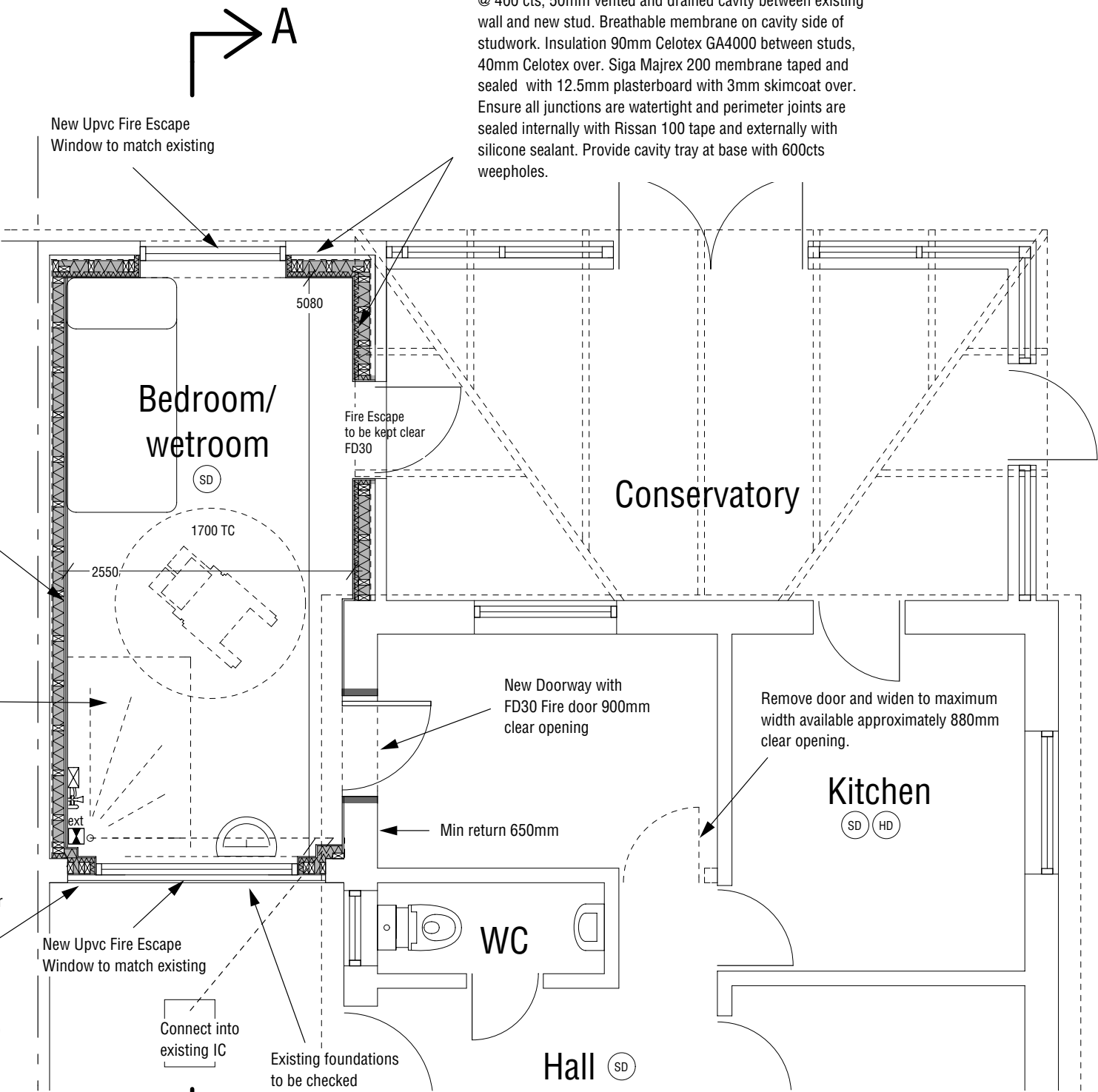
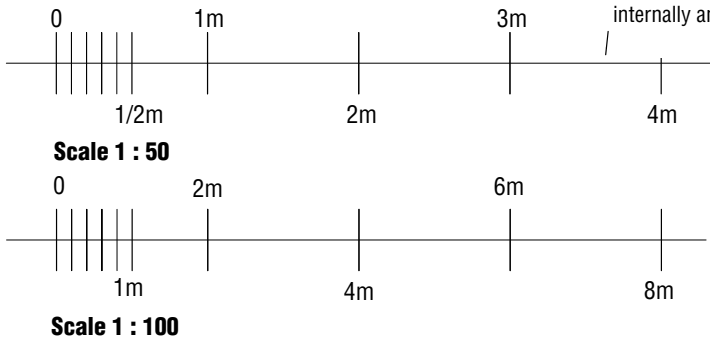




Party Wall to No.18 which is an already converted warm space, Upgrade to consist of 100x50mm treated timber studs, noggins and head and sole plates, all at 400cts with 15mm gap between existing party wall and new studwork to ensure sound transmission is reduced. Seal the perimeter with tape or sealant. Wall to be infilled with mineral wool and lined with Siga Majrex 200 membrane taped and sealed with 30mm total thickness 10kg/2 plasterboard with staggered joints finished with 3mm skimcoat over. Ensure all junctions are watertight and perimeter joints are sealed internally with Rissan 100 tape and externally with silicone sealant for an airtight construction. All to achieve min 60 minutes fire resistance.

U-Value 0.18 W/m2K, Render finish (to comply with BS EN 13914-1) applied in 3 coats at least 20mm thick to paper backed stainless steel render lath. Render should be finished onto an approved render stop. Render lath fixed to vertical 25x50 preservative treated battens to provide vented and drained cavity, battens fixed vertically to breathable membrane (having vapour resistance of not more than 0.6 MNs/g) and 12mm thick W.B.P external quality plywood sheathing (or other approved). Ply fixed to treated timber frame studs constructed using 100mm x 50mm head and sole plates and vertical studs (with noggins) at 400mm ctrs or to s/engineers details and calculations. Insulation to be Celotex GA4000 between studs with 50mm Celotex GA4000 over. Provide Siga Majrex 200 membrane and 12.5mm plasterboard over internal face of insulation. Finish with 3mm skim coat of finishing plaster. All junctions to have water tight construction, seal all perimeter joints with tape internally and with silicon sealant externally.



Existing wall upgraded internally to achieve U-Value 0.18 W/m2K, Innerleaf studwork, with 50mm vented/drained cavity. Timber frame studs and head and sole plates treated 100x50mm @ 400 cts, 50mm vented and drained cavity between existing wall and new stud. Breathable membrane on cavity side of studwork. Insulation 90mm Celotex GA4000 between studs, 40mm Celotex over. Siga Majrex 200 membrane taped and sealed with 12.5mm plasterboard with 3mm skimcoat over. Ensure all junctions are watertight and perimeter joints are sealed internally with Rissan 100 tape and externally with silicone sealant. Provide cavity tray at base with 600cts weepholes.

