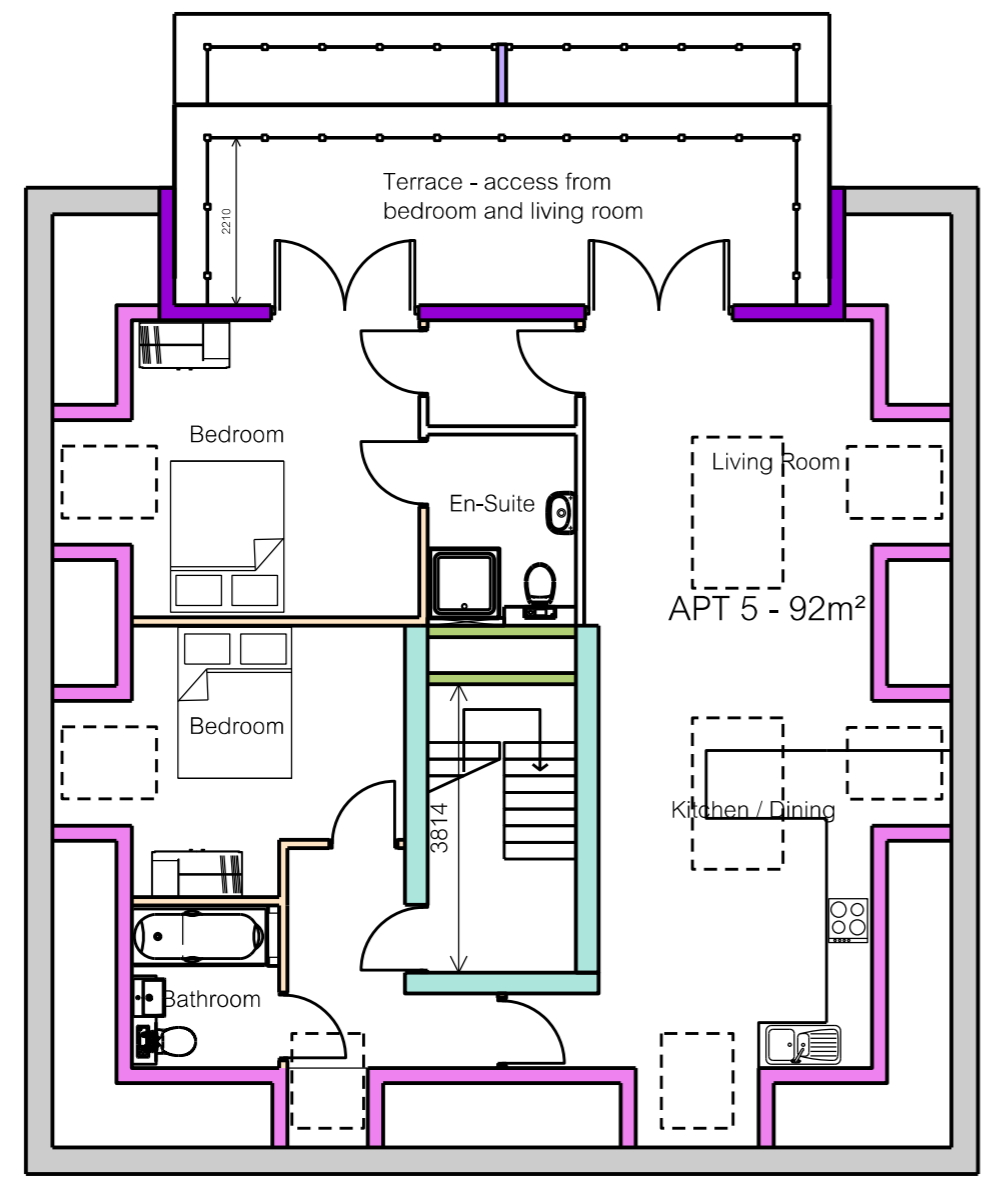
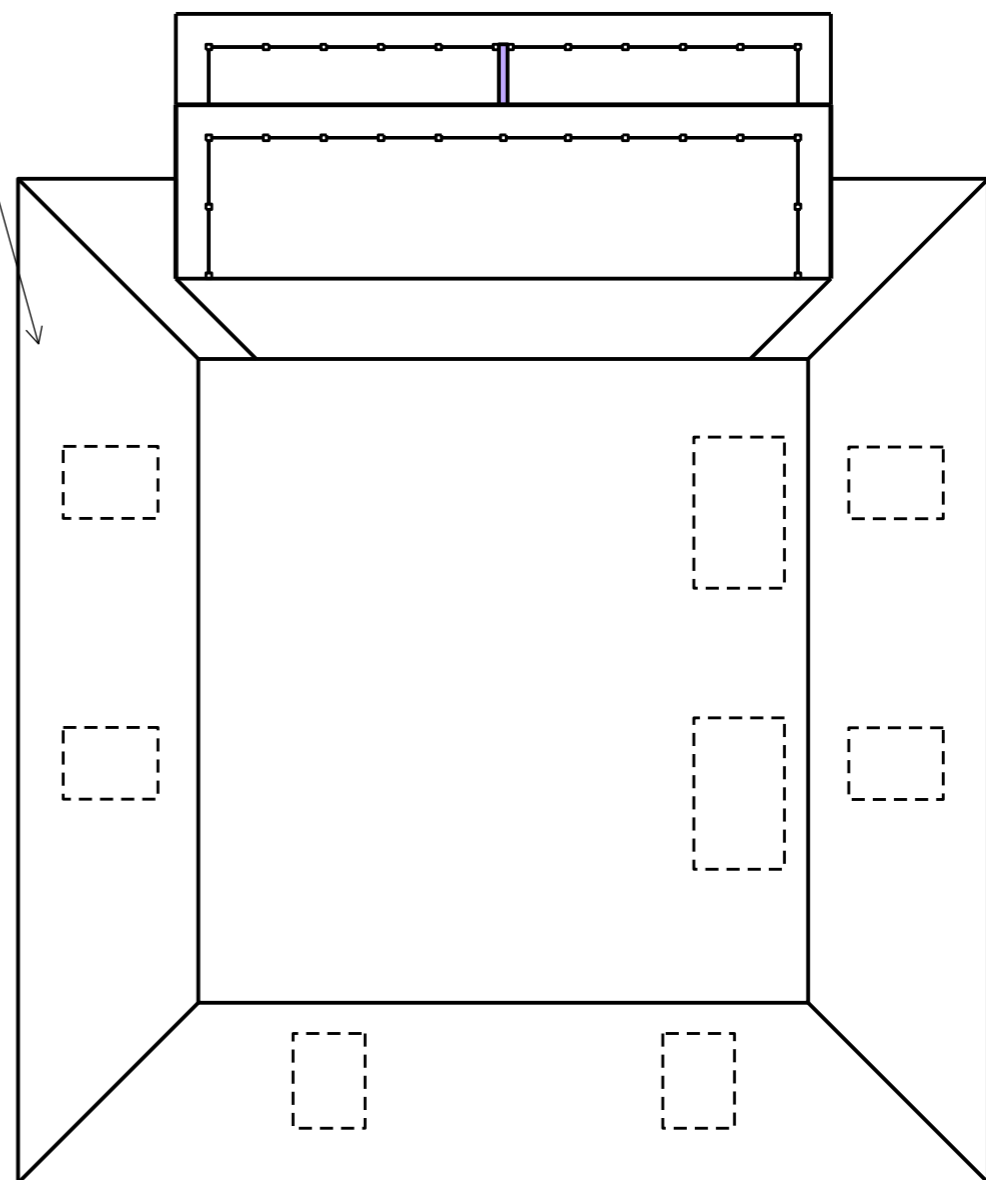


SECOND FLOOR / LOFT



mansard roof, either tiled or using a sarnafil or equivalent single ply system c/w rooflights



- Cavity wall - u-value: 0.14W/m²K (render) 0.15W/m²K (brick)
 100mm Celcon lightweight blockwork with 25mm Weber Pral.M through colour render, 100mm Kingspan K108 cavity insulation board, 50mm residual cavity, 100mm Celcon lightweight concrete block, 12.5mm plasterboard with dot & dab fixing, skimmed & painted
 OR
 100mm fair faced brickwork, 100mm Kingspan K108 cavity insulation board, 50mm residual cavity, 100mm Celcon lightweight concrete block, 12.5mm plasterboard with dot & dab fixing, skimmed & painted
- Separating Wall from Roofspace - apx 200mm thk
 75x38mm sw studs @ 600mm ctrs, lined internally with 12.5mm plasterboard, skimmed & painted, and lined to the roofspace with 112.5mm Kingspan K118 insulated plasterboard, fair faced
- Dormer Cheek Constuction to Terrace - apx 250mm thk u-value: 0.15W/m²K
 Shiplap timber cladding on 25mm battens fixed to Kingspan Nilvent membrane on 22mm OSB shething. 60x35mm sw studs @ 600mm ctrs fully filled cavity with Kingspan Kooltherm K12 insulation. Inner face to receive 1000 gauge polythene vapour control membrane & 12.5mm plasterboard, skimmed & painted
- Party Wall Type B - Robust Detail E-EM-2 - 301mm thk
 100mm lightweight block each leaf, 75mm cavity full fill with Isover RD Party Wall insulation, 10mm Thistle Hardwall & 3mm Thistle Multifinish skim coat, painted
- Internal Stud Wall - 110mm thk
 75x38mm sw studs @ 600mm ctrs, 75mm Isover APR1200 acoustic insulation to cavity, 15mm Soundbloc board each side, skimmed & painted
- Party Wall / Smoke Vent Shaft Wall / Load Bearing Bedroom Wall - 113mm thk each leaf / 130mm to bedroom
 Dense concrete block, fair faced within the smoke vent, plaster finish to the visible faces with 10mm Thistle Hardwall and 3mm Thistle Multifinish skim coat, painted. Plasterboard lining to bedroom

footprint reduced, one rooflight removed	MN	24.02.21	B
external doors moved to sit within mansard	MN	14.08.20	A
revision	by	date	index

New Apartments
 4 Bladon Close
 Oxford OX2 8AD
 Loft & Roof GA Plan