0 mm OSB on 145 cavity and an inner leaf of breather membrane on with an inner finish of 12.5 mm plasterboard on a 500 g vapour check on the inner face of the studs. Place 140 mm of Kingspan insulation between the timber studs.

The inner walls will be $75 \times 45 \mathrm{~mm}$ cls grade timber studs at 600 mm centres with 12.5 mm plasterboard applied to each face of the studs. Plac 75 mm of absorbent curtain in between the studs having a density of $12 \mathrm{~kg} / \mathrm{m} 3$ to reduce the level of noise transfer.

The new roof will be 3 layers of mineral felt torched onto 18 mm OSB that is secured to $200 \times 50 \mathrm{~mm}$ grade C16 timber rafters at 400 mm centres finished off on the underside with 12.5 mm plasterboard on a vapour check onto the rafters. place 150 mm of kingspan insulation in between the the top of the insulation and the underside of the OSB. The void will be


PROPOSED SIDE 1 ELEVATION


