



Existing ceiling removed and roof insulated at rafter level.
 50mm air gap maintained - ventilated with in line slate vents by Manthorpe or similar
 rafters at 400mm centres
 77.5mm rigid foil backed insulation between purlins with plasterboard finish to achieve U value of 0.25W/m²K

two 'floating' shelves to kitchen 2400mm long

kitchen units



Continuity to be provided between wall and roof insulation.