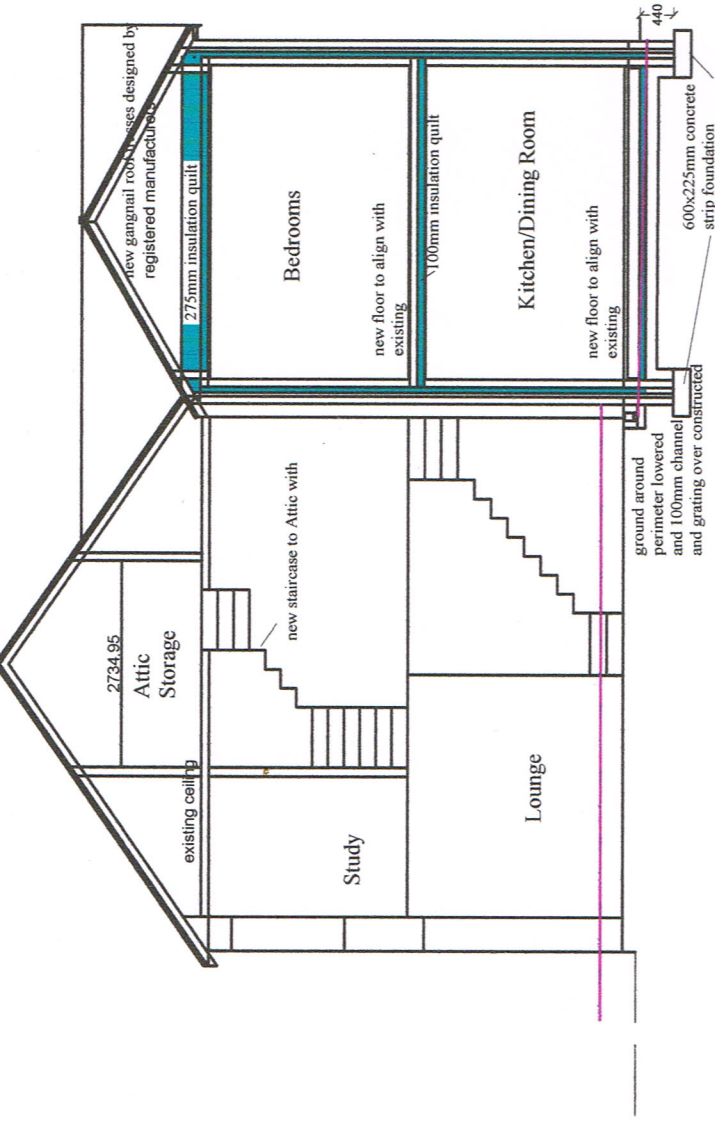




Cross Section

Wall Construction

Render finish on external 100mm blockwork, 50mm cavity, 75mm Celotex CE4000, 100mm internal skin of blockwork with 2 coat plaster and skim finish. U VALUE 0.21 W/m²K

Floor Construction (first floor)

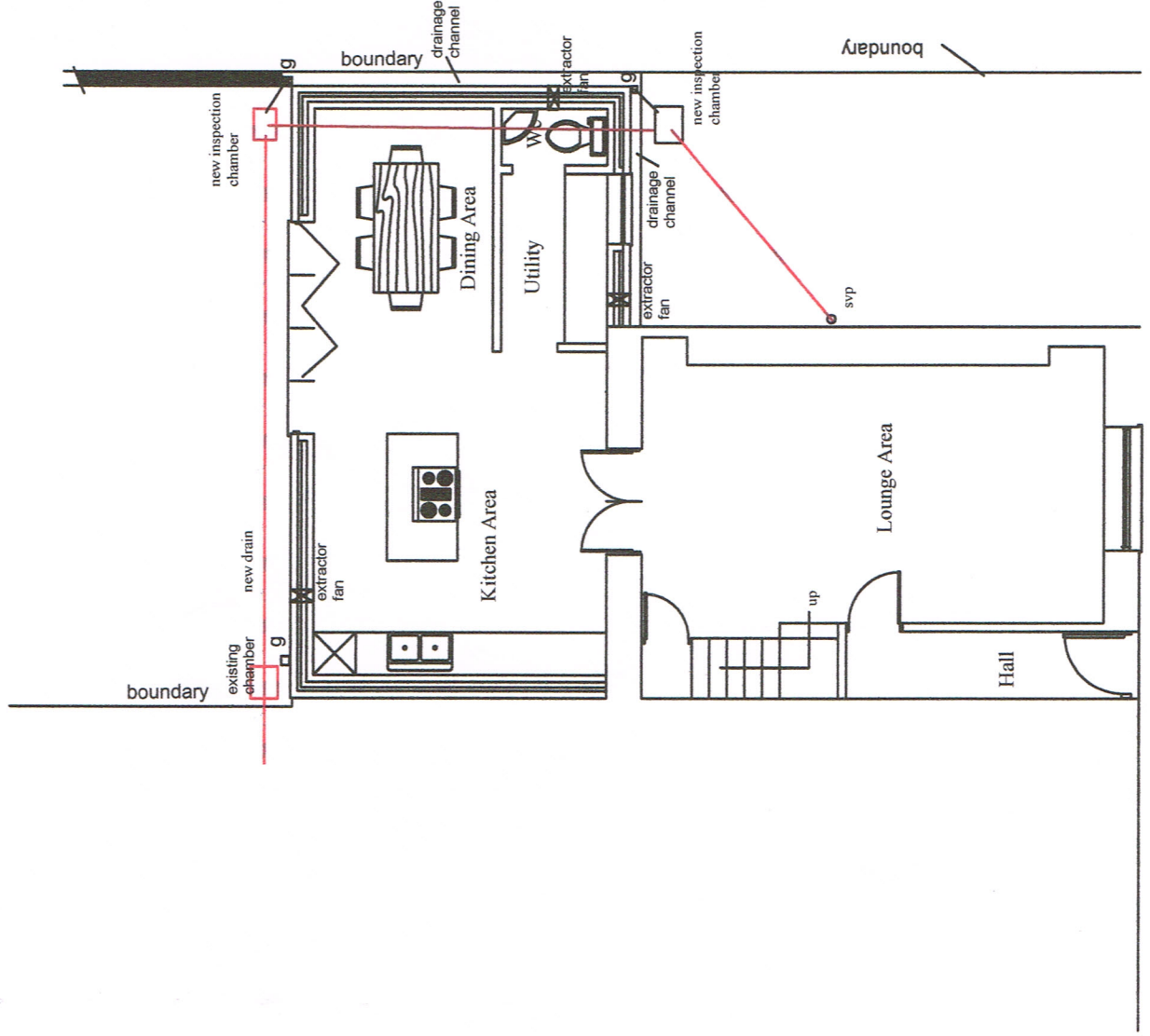
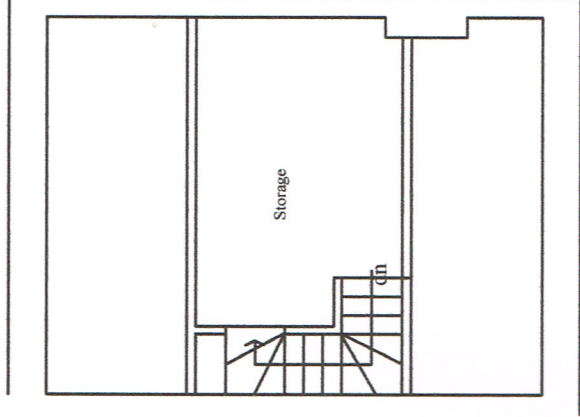
19mm floorboard on 195x75mm C16 floor joists at 450mm centers and 100mm min. bearing each end, 12mm plasterboard and skim finish to ceiling, 100mm insulation quilt between joists.

Ground floor construction from min: 150mm consolidated hardcore, 1200 gauge dpc membrane carried up internal face of blockwork, 140mm Celotex XR4000 insulation with 36mm insulation carried up around perimeter to top of concrete slab, vapour control membrane, 150mm concrete, 50mm screed. U VALUE 0.13 W/m²K

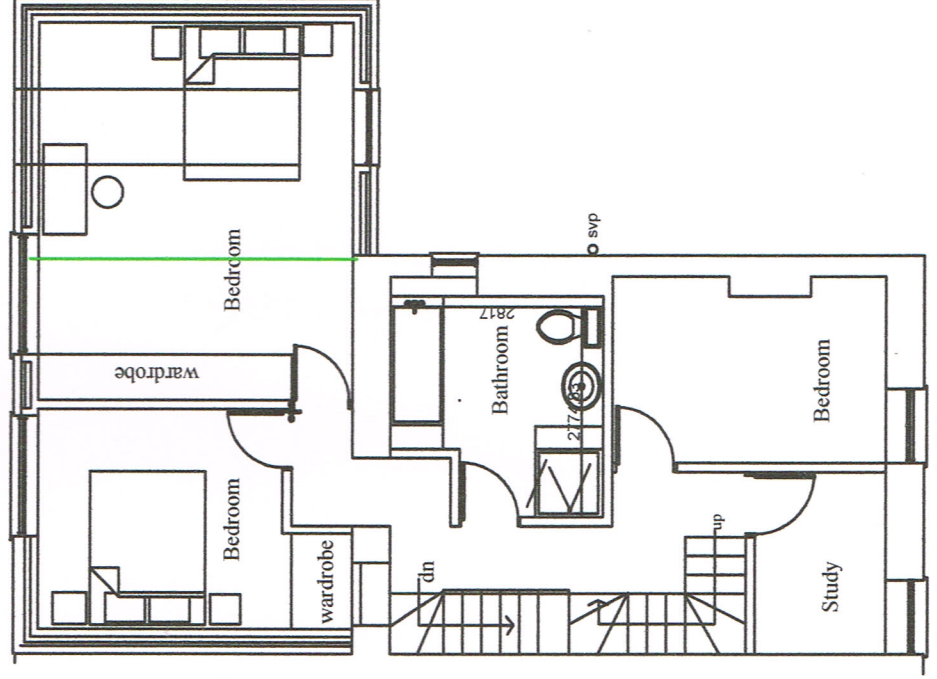
Electric, Heating and Plumbing to be designed, installed and certified by registered tradesmen.

Contractor to at all times protect adjoining property and make good all damage caused. Provide cavity tray dpc between new extension and adjoining lean-to roof

Attic Plan



Proposed Ground Floor



Proposed First Floor