

SITE CLEARANCE

The site is to be cleared of all buildings, rubble, debris and vegetation to a reasonable subsoil level agreed with the Building Control Officer.
All underground chambers shall be demolished filled and compacted as detailed by Structural Engineer.

FOUNDATIONS

EXISTING FOUNDATIONS ARE TO BE EXPOSED AND IF NECESSARY APPROVED FOR ADDITIONAL LOADS BY THE BUILDING CONTROL OFFICER.
200 thick insitu concrete strip foundations, projecting minimum 150 on each side of supporting wall, with a minimum 600 cover to finished external ground level, or to level of adjacent existing foundations or to invert level of adjacent drains, which ever is the greater and to a suitable bearing strata agreed with the Building Control Officer and in accordance with Regulations A1/2.

WALLS BELOW DPC

Walls below DPC to be concrete trench blocks from foundation to 225 below finished ground level with dense concrete blockwork inner skin and engineering brick to DPC externally.

GROUND FLOOR CONSTRUCTION

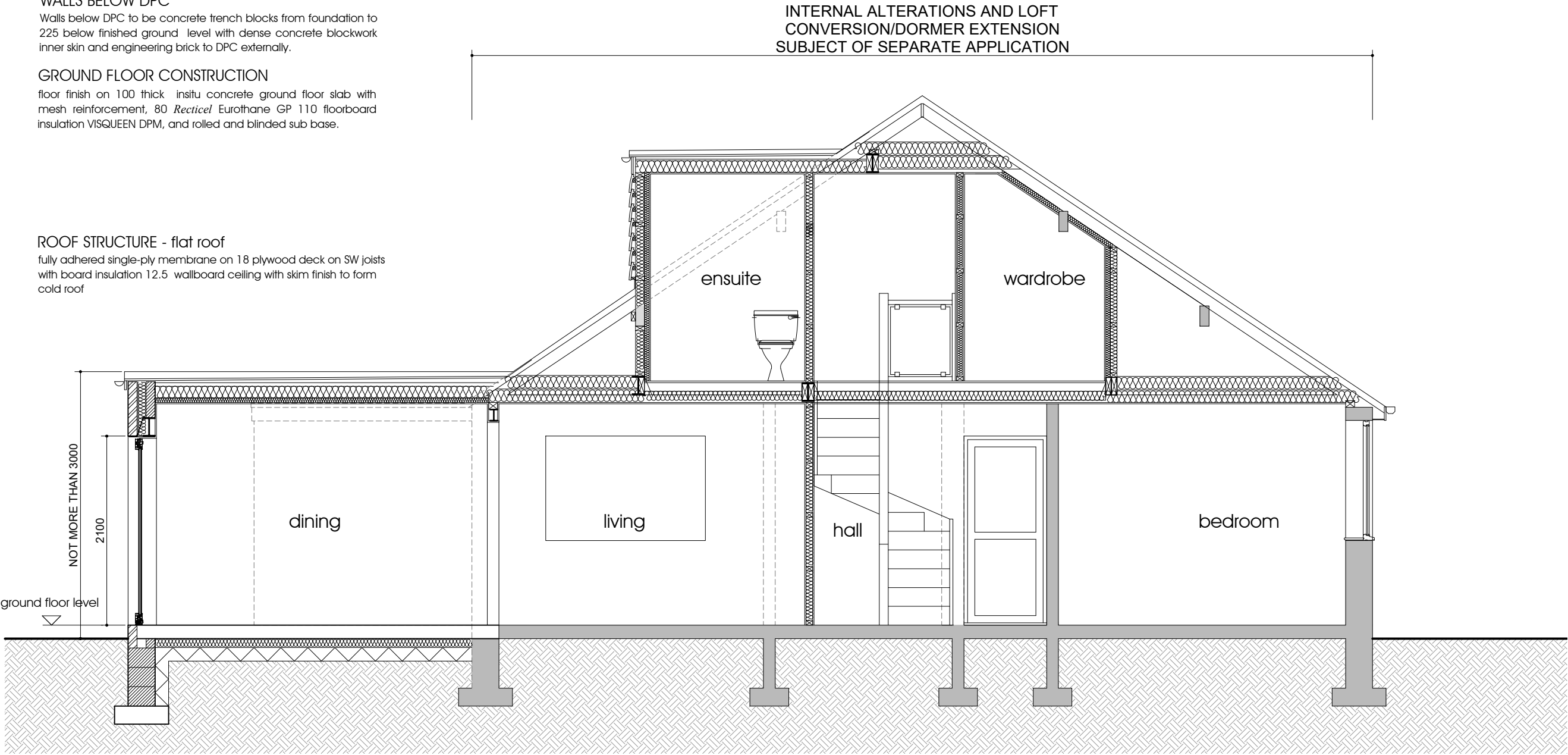
floor finish on 100 thick insitu concrete ground floor slab with mesh reinforcement, 80 Recticel Eurothane GP 110 floorboard insulation VISQUEEN DPM, and rolled and blinded sub base.

ROOF STRUCTURE - flat roof

fully adhered single-ply membrane on 18 plywood deck on SW joists with board insulation 12.5 wallboard ceiling with skim finish to form cold roof

CAVITY WALLS ABOVE DPC LEVEL

External walls to comprise 103 facing brickwork to match existing with stainless steel wall ties to BS 1243:1978 set at staggered centres 750 horizontally and 450 vertically, reduced to 225 centres around openings, 100 cavity with 90 thick Recticel Eurothane+ cavity board insulation, 100 lightweight insulating blockwork (Thermalite Shield or similar), 12.5 plasterboard on dabs with skim finish
Minimum 'U' value of 0.15w/m²k
Thermabate or similar cavity closers to openings



b section
Scale: 1:50