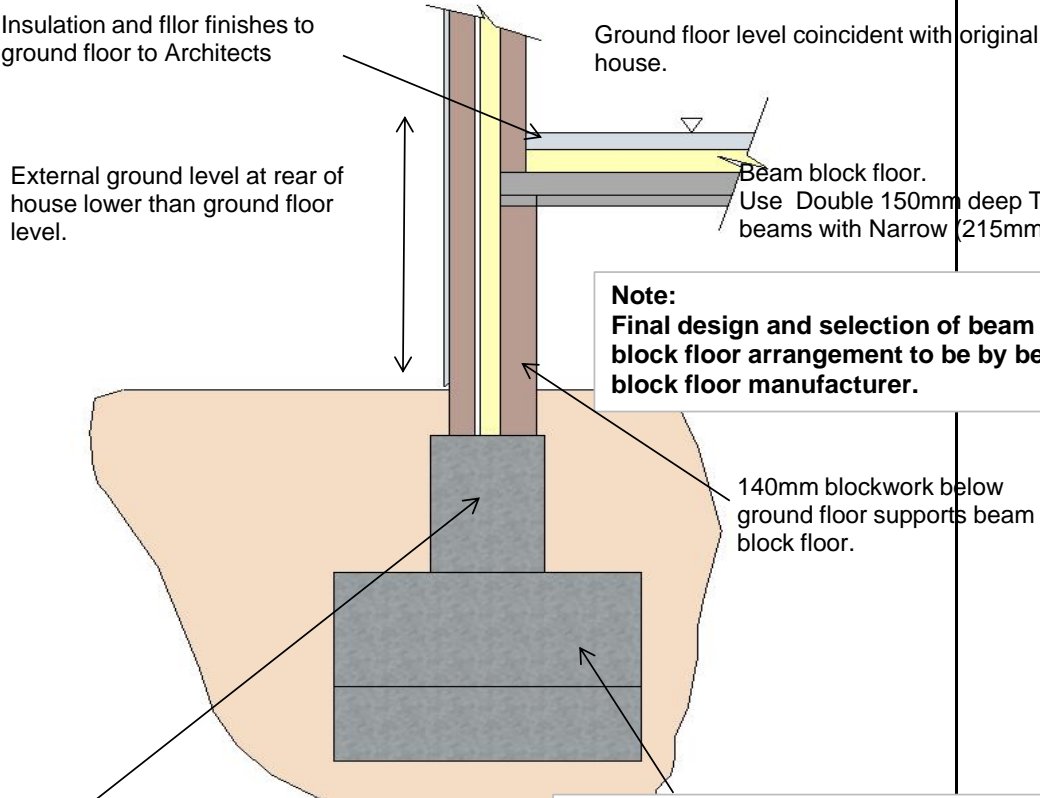
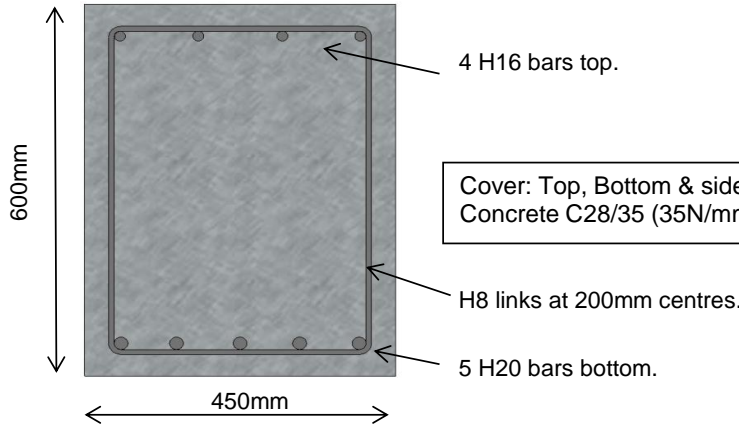


10 Clorane Gardens, London NW3
New basement and upper floor alterations

LOCATION	CALCULATIONS	OPTIONS
	<p>Rear Ground Floor Extension Summary of Foundation and ground floor requirements to rear extension:</p>  <p>Insulation and floor finishes to ground floor to Architects</p> <p>External ground level at rear of house lower than ground floor level.</p> <p>Ground floor level coincident with original house.</p> <p>Beam block floor. Use Double 150mm deep T beams with Narrow (215mm)</p> <p>Note: Final design and selection of beam block floor arrangement to be by beam block floor manufacturer.</p> <p>140mm blockwork below ground floor supports beam block floor.</p> <p>600mm deep x 450mm wide reinforced concrete ground beam spanning between pad bases. Ground beam reinforced as detail:</p> <p>1.2m x 1.2m Pad foundations to be excavated to level coincident with basement excavation to ensure a firm undisturbed bearing is achieved. Minimum mass concrete pad foundation depth</p> <p>Ground beam reinforcement summary:</p>  <p>4 H16 bars top.</p> <p>5 H20 bars bottom.</p> <p>H8 links at 200mm centres.</p> <p>Cover: Top, Bottom & sides = 35mm Concrete C28/35 (35N/mm² cube strength)</p>	