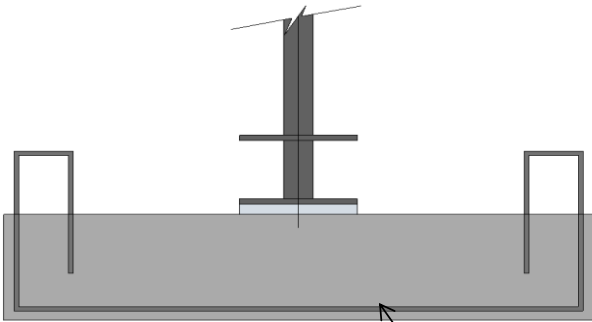
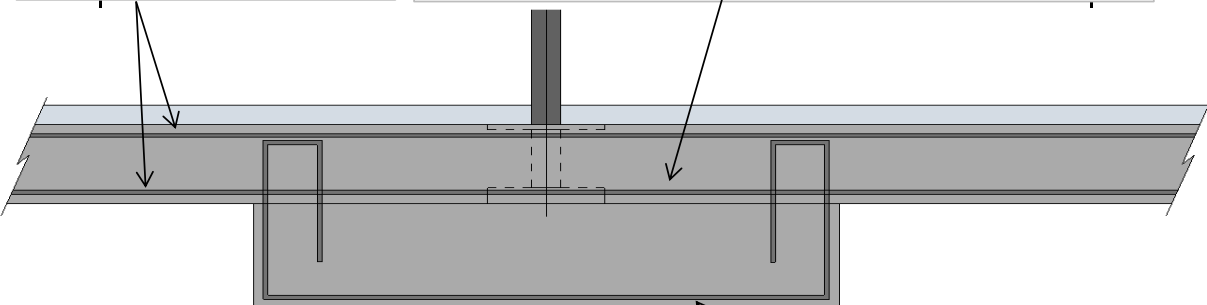


10 Clorane Gardens, London NW3
New basement and upper floor alterations

LOCATION	CALCULATIONS	OPTIONS
	<p>Pad Foundations below central columns</p> <p>Pad Foundation reinforcement summary.</p> <p><u>First stage pad foundation (formed from ground level as part of underpinning works)</u></p>  <p><u>Second stage pad foundation (integrated with basement slab)</u></p>  <p>Pad bases. (400mm thk.) Cover: Bottom & Sides = 35mm Concrete C28/35 (35N/mm2 cube strength)</p> <p>H16 bars at 150mm centres bottom. Both directions. Bars turned up to tie the pad foundation to the basement slab in the final condition.</p> <p><u>Slab reinforcement.</u> (see separate reinforcement summary)</p> <p>H16 bars at 150mm centres in bottom of slab section. Both Directions. H16 bars to extend over area of effective base (2.0m x 1.4m) plus normal lap length requirements. (500mm for lap and curtailment to H12 bars).</p> <p><u>Basement Slab. (300mm thk.)</u> Cover: Top = 25mm, Bottom = 35mm Concrete C28/35 (35N/mm2 cube strength)</p> <p>H16 bars at 150mm centres bottom. Both directions. Bars turned up to tie the pad foundation to the basement slab in the final condition.</p>	