

**28 HOLLYCROFT AVENUE,
NW3 7QL**

APPENDIX B

**ANTICIPATED CONSTRUCTION
SEQUENCE**

28 HOLLYCROFT AVENUE , LONDON NW3**BASEMENT CONSTRUCTION SEQUENCE**

This document is to be read in conjunction with Sinclair Johnston & Partners 'Structural Engineer's Report in Support of the Planning Application' dated October 2011.

- 1) Strip out the existing house, remove rear elevation and install temporary works to maintain stability of the structure and the adjoining properties.
- 2) Install discreet underpins and pad foundations, followed by temporary propping and needling to support internal walls.
- 3) Install new steelwork to support internal walls bearing onto new underpins and pad foundations. Remove temporary works and needling.
- 4) Undertaken underpinning to perimeter walls in traditional hit and miss sequence (1, 3, 5, 2, 4). Each underpin to be back filled prior to commencement of adjacent underpin or otherwise trench struts will be provided against a central earth dumping to maintain support at all times.
- 5) Once the construction of the underpins are complete, the existing lower ground floor level can be marginally reduced to install temporary works to prop the top of the underpins.
- 6) The ground will then be excavated and reduced down to the new basement level in sequential strips. Once each strip is complete, temporary works is installed to prop the underpins at low level. This adopted method ensures that the stability to the base of the underpins is maintained at all times.
- 7) Once the excavation is complete and the necessary temporary works in place, the basement strip footings, pads and slab are constructed.
- 8) Upon completion of the basement slab and having allowed adequate curing time for it to gain strength, the lower level props are removed.
- 9) The ground floor slab to the rear of the property is then constructed and following adequate curing time to gain strength, the upper level props are removed.