

Appendix A:
Screening Flowcharts

Appendix A1 - Slope Stability Screening Flowchart

Question 1 – Does the existing site include slopes, natural or manmade greater than 7 degrees?

Answer to Qu. 1 - No, the site is flat and level.

Question 2 – Will the proposed re-profiling of landscaping at site change slopes within the property boundary by more than 7 degrees?

Answer to Qu.2 -No, there are no proposed changes to site slopes.

Question 3 – Does the development neighbour land including railway cuttings and the like with a slope greater than 7 degrees?

Answer to Qu. 3 – No. There are public highways to the front and rear at existing ground levels within the site and the adjoining properties both sides have similar ground floor levels.

Question 4 – Is the site within a wider hillside setting in which the general slope is greater than 7 degrees (approximately 1 in 8)?

Answer to Qu. 4 - No, the maximum ground slope in the area of the development is significantly less than 1 in 8.

Question 5 – Is the London Clay the shallowest strata at the site.

Answer to Qu. 5 - No. the shallowest strata at the site is Made Ground to a depth of 4 metres. This is underlain by approximately 4 metres of Lynch Hill Gravel. The London Clay is below this at a depth of approximately 8 metres and therefore below the underside of the proposed basement. Refer to Ground Investigation Report in Appendix B.

Question 6 – Will any trees be felled as part of the proposed development and/or are any works proposed within any tree protection zones where trees are to be retained?

Answer to Qu. 6 – There are no trees on or adjacent to the proposed development site.

Question 7 – Is there a history of seasonal shrink-swell subsidence in the local area and/or evidence of such effects at the site.

Answer to Qu.7 – No. The London Clay is about 8 metres below ground level and therefore not subject to seasonal shrinkage or swelling. Refer to Ground Investigation Report in Appendix B. There is no evidence of such effects at the site.

Question 8 – Is the site within 100m of a watercourse or potential spring line?

Answer to Q.8 – No. Refer to Ground Investigation Report in Appendix B and Groundwater Basement Impact Assessment in Appendix C.

Question 9 – Is the site within an area of previously worked ground?

Answer to Qu. 9 – No. Refer to Ground Investigation Report in Appendix B.

Question 10 – is site within an aquifer? If so will the proposed basement extend beneath the water table such that dewatering may be required during construction.

Answer to Qu. 10 – Yes, carry forward to Section 2 - Scoping Stage.

Question 11 – is the site within 50m of the Hampstead heath Ponds?

Answer to Qu. 11 – No.

Question 12 – Is the site within 5m of a highway or pedestrian right of way?

Answer to Qu. 12 - Yes, carry forward to Scoping Section.

Question 13 – Will the proposed basement significantly increase the differential depth of foundations relative to neighbouring properties?

Answer to Qu. 13 -Yes, carry forward to Section 2 - Scoping Stage.

Question 14 – Is the site over (or within the exclusion zone of) any tunnels, e.g. railway lines?

Answer to Qu. 14 – No. Refer to Appendix E - Searches of Royal Mail Rail and Underground Tunnels.

Appendix A2 - Surface Flow and Flooding Screening Flowchart

Question 1 – Is the site within the catchment of the pond chain on Hampstead Heath?

Answer to Qu. 1 – No.

Question 2 – As part of the proposed site drainage, will surface water flows (e.g. volume of rainfall and peak run-off) be materially changed from the existing route?

Answer to Qu. 2 – No the building footprint and surface water outfall will be exactly the same as existing.

Question 3 – Will the proposed basement development result in a change in the proportion of hard surfaced/paved external areas?

Answer to Qu. 3 – No, the proportion of hard surfaced/paved external areas will be exactly the same as existing.

Question 4 – Will the proposed basement result in changes to the profile of the inflows (instantaneous and long-term) of surface water being received by adjacent properties or downstream watercourses?

Answer to Qu. 4 – No, the profile of the inflows (instantaneous and long-term) of surface water being received by adjacent properties or downstream watercourses will be exactly the same as existing.

Question 5 – Will the proposed basement result in changes to the quality of surface water being received by adjacent properties or downstream watercourses?

Answer to Qu. 5 – No, the profile of the quality of surface water being received by adjacent properties or downstream watercourses will be the same or better than the existing.

Appendix A3 Subterranean (Groundwater) Flow Screening Flowchart

Refer to Groundwater Basement Impact Assessment Report by Chord Environmental Ltd. ref. No. 1132/R1 January 2015, Appendix C.