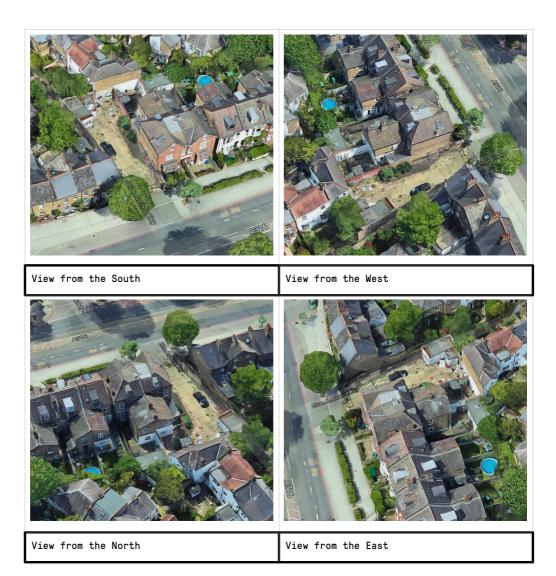
13/30



Project No. 2218 Revision [B]: February 2022

14/30

3. STAGES 1 & 2: SCREENING AND SCOPING ASSESSMENTS

Whilst we are not in Camden the requirements of Camden are considered amongst the more onerous, so the Camden Planning Guidance CPG4 assessment requirements have been used for the initial stages for screening and scoping assessment, the checklists for which are addressed below (minus references to the Hampstead Ponds). These inform the further investigations in subsequent sections.

3.1. STAGE 1: SCREENING

SCREE	SCREENING CHECKLIST: SUBTERRANEAN GROUNDWATER FLOW					
CONSIDERATION		RESPONSE	JUSTIFICATION			
1A	Is the site located directly above an aquifer?	NO	The nearest aquifer is approximately 4km south of the site beneath the Southern edge of Richmond Park			
1B	Will the proposed basement extend beneath the water table surface?	Unknown	No site specific groundwater monitoring has been undertaken however it is understood through previous experience that works to the nearby no. 76 Lower Mortlake Road were undertaken with ground water investigations using a 5m standpipe that were dry when monitored and thus indicated ground water at 5.5m below ground level and beneath the founding level of the proposed basement.			
2	Is the site within 100m of a watercourse, well (disused/used), or potential spring line?	NO	The nearest surface water feature appears to be circa 1km to the west (the River Thames).			
3	Will the proposed basement development result in a change in the proportion of hard surfaced/paved areas?	NO	The proposed basement is entirely within the footprint of the existing building, existing building patio area and adjacent vacant lot, with all of these areas currently comprising areas of existing hard paving			
5	As part of the site drainage, will more surface water (eg rainwater and run-off) than at present be discharged to the ground (eg via soakaways and/or SUDS)?	NO	No changes proposed to ground discharge.			

Project No. 2218 Revision [B]: February 2022

15/30

6	Is the lowest point of the	NO	The site level is considerably
	proposed excavation (allowing		higher than the levels of the
	for any drainage and foundation		nearby Thames River approximately
	space under the basement floor)		1km to the west.
	close to or lower than the main		
	water level in any local pond or		
	spring line?		

SCREENING CHECKLIST: SLOPE STABILITY					
CONSIDERATION		RESPONSE	JUSTIFICATION		
1	Does the existing site include slopes, natural or man-made, greater than 7°, or 1 in 8?	NO			
2	Will the proposed re-profiling of the landscaping at site change slopes at the boundary to more than 7°, or 1 in 8?	NO			
3	Does the development neighbour land, including railway cuttings and the like, with a slope greater than 7°, or 1 in 8?	NO			
4	Is the site within a wider hillside setting in which the slope is greater than 7°, or 1 in 8?	NO			
5	Is the london clay the shallowest stratum at the site?	Unknown	No site specific ground investigation has been undertaken. The site is mapped as being underlain by the Kempton Park gravel group over London Clay Formation. A nearby borehole indicates circa 0.8m of topsoil over 4.6m of Kempton Park gravel, over clay.		
6	Will any trees be felled as part of the proposed development, and/or any works proposed within tree protection zones where trees are to be retained?	NO			

Project No. 2218 Revision [B]: February 2022