ARBORICULTURAL IMPACT ASSESSMENT AND TREE PROTECTION MEASURES
108 Highgate West Hill, N6 6AP December 2012 Rev A - 02.04.13

	Species	Height m	Stem Diameter at 1.5m m	Branch Spread m	CC m	Age approx years	Remaining Life approx Years	Condition	RPA Radius m
T1	***Laurus Nobilis***	10	Stem A 0.2	n 3	8	80	100	GOOD	2.4
			StemB 0.27	S 4.5					3.24
			StemC 0.15	E 4.5					1.8
			StemD 0.22	W 4.5					2.64
			StemE 0.16						1.9
			StemF 0.28						3.36
			StemG 0.24						2.88
			StemH 0.14						1.68
			StemI 0.32						3.84

Comments
Pollarded to a height if 1m about 40 years ago. Repeatedly succoured itself. Perfect bole
Given the tap roots of this tree will be 2m+ deep ie well under what work will be done on the foundations, work would not threaten this tree with any damage that may be done to.
feeder roots inconsequential

T2	***Hawthorn***	7	0.08	n 0.6 S 2.5 E 0.6 W 0.6	0.25	30	40	Good	0.96

Comments
Given the short tap roots of the hawthorn, what work will be done on the foundations, work would not threaten this tree with any damage that may be done to feeder roots inconsequential.

T3	***Chamae cyraris Lawsoniana Cocumnaris Glauca***	5	0.21	n 1.75 S 1.75 E 1.75 W 1.75	0.88	40	65	Good	2.52

Comments
small branch heaving to North approx 3.3m high
Given the fact that its tap roots go straight down, what work will be done on the foundations .
would not threaten this tree with any damage that may be done to feeder roots inconsequential

Tree Protection Measures

All trees selected for retention will be protected by barriers and where required, ground protection. The location of the protective barriers, based on RPAs, is shown on the attached Tree Protection Plan (TPP) drawing no.BBH.12.PL06.

The protective barriers will be installed prior to site preparation and retained until completion. Barriers will be installed to the design standards set out in Figure 2 of BS5837:2005.

Where construction access is unavoidable within RPAs, ground protection measures will be carried out.

For pedestrian movements within the RPA, the ground will be protected by single thickness of scaffolding boards on top of a compressible layer laid onto a geotextile, or supported by scaffold.

For wheeled or tracked construction traffic movements within the RPAs, the ground protection measures will be designed by a structural engineer to accommodate the likely loading, in full accordance with BS5837:2005. Such measures may involve the use of proprietary systems or re-inforced concrete slabs.

All-weather notices will be erected on the protective barriers with the words “Construction Exclusion Zone – Keep Out”.

In addition, care will be taken when planning site operations to ensure that no damage is caused to trees by high or wide loads, plant or machinery.

All materials with potential to contaminate the soil e.g cement, chemicals, diesel oils etc. will be stored at least 10 metres from any tree stem. Exact location will take into account the prevailing gradients in relation to tree stems to avoid potential damage due to discharge.

Fires will not be lit within 5m of foliage/branches of any retained trees.

Services

Where unavoidable, trenches through RPAs will be excavated by hand or services thrust-bored to minimize damage to tree roots. Any excavations within the RPAs shown will be carried out in accordance with a Method Statement and to the requirements of NJUG Volume 4 “Guidelines for Planning, Installation and Maintenance of Utility Apparatus in Proximity to Trees”.

Site Compound and Operations

Identification of areas for construction access, site compound and storage are commonly determined in conjunction with the appointed contractor. However, it is anticipated that all working requirements can be accommodated on site without compromising the areas to be protected by fencing as shown on the Tree Protection Plan.

At this stage, it not known whether contractor access to build the bungalow will be via the existing access to Highgate West Hill, or via a widened access to St Annes Close (although it’s likely to be the latter). Notwithstanding this, either access can be used (subject to protection as shown on the TPP) without harm to any trees.

MICHAEL TIMPERLEY FRHS,BSc DIP(Hort),HTA
101 Gt Arthur House
London EC1Y 0RH

Tel 07729620528