Arboricultural Impact Assessment
3 Honeybourne Road,
London,
NW6 1HH

Client:
Imogen Strachan

Prepared by
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Chartered Arboriculturist

Date of Report : 25th February 2016

1 Brief

To provide an Arboricultural Impact Assessment based on my 15th January 2016 tree survey, schedule and the proposals for a basement excavation.

2 Proposed Works

The proposed works include the construction of a basement under the main house with orientation given as if facing the garden from the front.

3 Trees

The attached tree schedule lists three trees within the rear garden and only one tree close to the proposed structure.

These trees are as follows:

1. T1. This birch tree is situated to the middle of the rear garden. It is a single stem tree with a height of 7 metres and a girth of 15 cm. it is a healthy young tree with a balanced crown situated 10.5 metres from the house and proposed work area. This tree is Category B.

2. T2. This young Cherry tree is 7 metres in height with a girth of 14 cm. it has a balanced crown and is in reasonable condition. It is situated 15 metres from the proposed work, it is a category C tree.

3. T3. This is a Cherry tree to the rear corner of the rear garden and is 5 metres in height with a stem diameter of 20cm. It is 24 metres from the works area and over mature and in poor physiological and structural condition. It is too remote from the works to warrant further comment.

3.1 Category A trees (High Amenity Value)

None.

3.2 Category B trees (Moderate Amenity Value)

T1.

3.3 Category C trees (Low Amenity Value)

T2, T3.

3.4 Category R tree (Trees recommended for removal)
None.

4 Impact Assessment

The construction of the new building is remote from the root protection areas of all the trees.

The canopies of the trees are also remote from the construction zone so there is no likely disturbance to the canopy of these trees.

None of the trees are close to the construction zone in terms of their root protection zones.

However, any storage of construction materials within the rear garden close to the trees could cause compaction of the ground and damage the trees.

5 Tree Protection

To avoid possible root compaction, the mid and rear section of the garden should be fenced off to prevent compaction and storage of construction materials in the root protection areas during construction and to completion.

This enclosure is to have a sign posted stating 'NO CONSTRUCTION ACTIVITY IN THIS AREA'.

Any mixing of concrete and all other construction activity should be carried out distant from the tree and close to the house to avoid any contamination and compaction of the soil in the root zone area.

On this basis, there should be no difference in the potential rooting zones of the trees.

6 Arboricultural Method Statement

T1 & T2 Protection

a) Fencing is to be erected to stop access to the root protection area as per the attached tree plan sketch and figure 1 below.

b) No concrete mixing or construction activity in fenced root protection area.

7 Statutory Constraints

I believe that the property is located in a Conservation Area.

No cutting or removal of trees may be carried out without written approval from the local authority planning department.

8 Conclusion

The trees T1 & T2, may be affected by the construction work in terms of root compaction and tree protection fencing as detailed below is recommended to protect the rooting area.

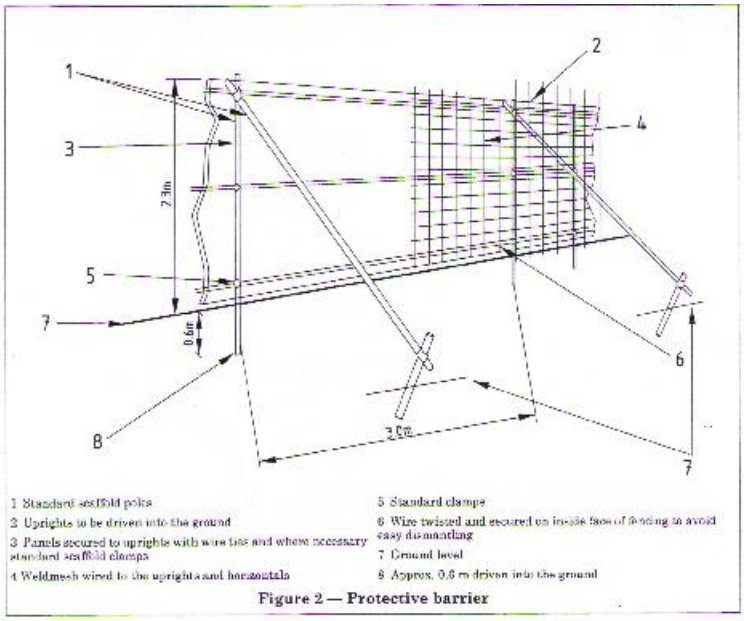
9 Recommendations

I recommend that the contractor and architect/designer should be provided with a copy of this report and should be responsible for the implementation for the above conditions prior to the commencement of any work on site.

Signed

Robin Howorth, B.Sc. M.Sc. MRICS, MICFor, M.Arbor.A.
CHARTERED ARBORICULTURIST

Figure 1 : tree protection fencing example



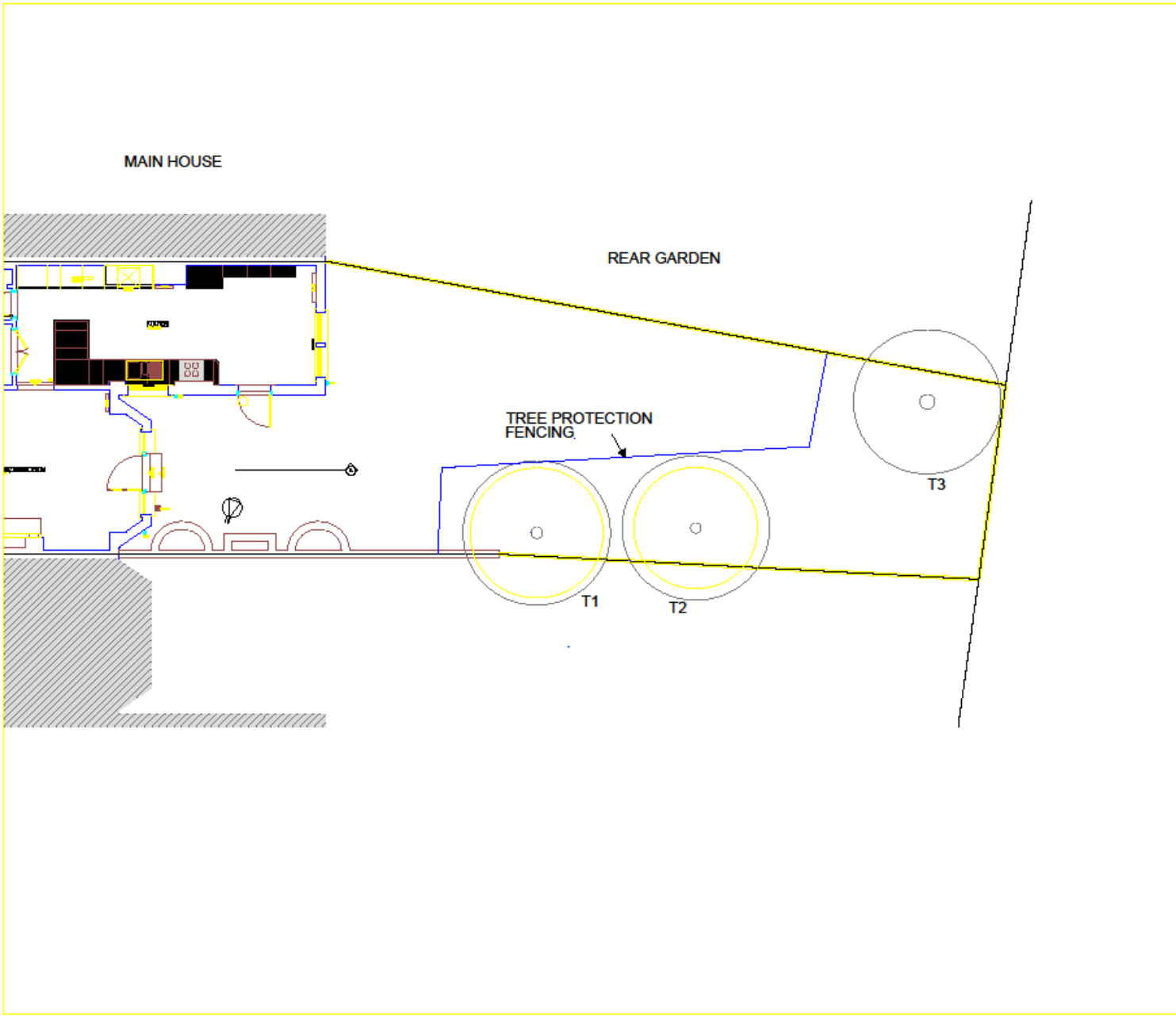
1 Standard scaffold poles
2 Uprights to be driven into the ground
3 Panels secured to uprights with wire ties and where necessary standard scaffold clamps
4 Weldmesh wired to the uprights and horizontals
5 Standard clamps
6 Wire twisted and secured on inside face of fencing to avoid easy dismantling
7 Ground level
8 Approx. 0.6 m driven into the ground

Figure 2 — Protective barrier

10 Tree schedule

Client	**Imogen Strachan**
Site	**3 Honeybourne Road, London, NW6 1HH**
Date of Survey	**15th January 2016**
Arboricultural Consultant/Surveyor	**Robin Howorth**

Tree Ref. No.	Species	Height m	Stem Dia. cm	Branch Spread m	Height Of Crown Clearance m	Age Class	Physiological & Structural Condition	Preliminary Management Recommendations	Estimated Remaining Contribution Years	Category Grading
1	Birch	7	15	N,E,S,W 3	3	Semi mature	fair	none	20 +	B
2	Cherry	7	14	N,E,S,W 2	3	Young	fair	none	20 +	C
3	Cherry	3	20	N,E,S,W 3	2	Over mature	fair	none	10	C



KEY

Category A tree canopy

Category B tree canopy

Category C tree canopy

Root protection area

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scale 1:200 @ A3

date 19.01.2016 | drawn by RNH

drg. tree plan