



Arboricultural Method Statement

18 Elsworthy Rise

Camden

London

NW3 3SH

Date: May 2020

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1. Introduction

- 1.1 The purpose of this method statement is to detail what actions need to be taken to prevent unacceptable damage occurring to the retained trees on this and the adjacent site during the proposed extension and internal modifications at 18 Elsworthy Rise, Camden, London, NW3 3SH.
- 1.2 This method statement complies with the recommendations of British Standard BS 5837: 2012, Trees in relation to design, demolition and construction – Recommendations (BS 5837).
- 1.3 This method statement is designed to reflect the principles of the tree protection required for the proposed extension and internal modifications and should not be read as a definitive engineering or construction statement for this site. Matters relating to construction detail or engineering performance should be referred to a qualified architect or structural engineer for further information and specification.

2. Liaison & communication

- 2.1 A copy of this method statement shall be given to all personnel who have control over works of any nature within the Root Protection Areas (RPAs) of the retained trees. The owner/agent will ensure that adequate instruction is given for the implementation of the protection measures outlined within this statement.

3. Tree removals and pruning

- 3.1 The trees listed in Table 1 below shall be felled to ground level; stumps shall be ground out to 450mm below ground level. Replanting shall be carried out after confirmation of size, species and position have been discussed between the Elliot Square Residents Association and Mr Percival.
- 3.2 No pruning of the off-site retained trees is required to permit construction of the proposed development.
- 3.3 Tree felling will be carried out in accordance with British Standard BS 3998: 2010, Tree work - Recommendations.

Tree no.	Species	BS Category	Work required	Reason for work
1	Myrobalan plum	C	Fell/remove tree	Below average tree, of short-term potential.
6	Myrobalan plum	C	Fell/remove tree	To facilitate construction of proposed extension.
7	Myrobalan plum	C	Fell/remove tree	To facilitate construction of proposed extension.

Table 1 – Tree Removals and Pruning.

4. Underground services

4.1 The proposed extension shall utilise the existing property services.

5. Supervision & monitoring

5.1 The arboricultural consultant shall visit the site once during construction, or as agreed with the local planning authority, to ensure that the tree protection measures are kept in place and functioning as designed. Regular contact will be maintained with the site manager to determine any forthcoming operations that may make an impact on trees.

5.2 The owner/agent/building contractor shall give at least 48 hours' notice to the arboricultural consultant of any operations, e.g. installation of underground services, construction of hard surfacing etc., which may make an impact on the RPAs of the retained trees.

5.3 Any alterations or variations in drawings for the site that are in, or within, the RPAs of the retained trees shall be referred in the first instance to the arboricultural consultant for his advice. If these changes make any kind of impact on the retained trees the arboricultural consultant shall suggest changes that will either avoid damage to the retained trees or offer solutions to minimize the impact. Following this consultation, the arboricultural consultant shall issue revised Tree Protection Plans that reflect the changes.

5.4 Where any operations carried out by the owner/agent/building contractor deviate substantially from this method statement, a meeting will be convened between the developer, the arboricultural consultant and the site manager to determine the best method to mitigate any damage that may have occurred.

Visit no.	Timing of visit	Function carried out
1	Once during the construction phase or as required by the LPA.	To check that activities which would be harmful to trees are not being carried out.
2	At any other time, which is sensitive in arboricultural terms.	To ensure retained trees are protected from development activities.

Table 2 - Monitoring Visits.

Michael Roberts | Arboricultural Technician

May 2020



APPENDIX 1 – Tree Schedule

Notes for the Tree Schedule

This schedule is based on an inspection carried out by Michael Roberts on Thursday the 6th February 2020. Weather conditions at the time were clear, dry and bright. Deciduous trees were not in leaf.

The information contained in this schedule reflects the conditions of those specimens at the time of inspection. They were inspected from the ground only; they were not climbed and no internal investigations were undertaken, thus no guarantee may be given as to their structural integrity.

As trees are dynamic organisms and subject to continual change no dimensions expressed in this schedule may be relied upon for development purposes for more than 24 months from the date of survey. Estimated dimensions are marked 'est'.

1. **No:** Expressed in sequential order starting from number 1 – woodlands, groups & hedges are prefixed as W, G, & H respectively.
2. **Species:** The common name as given in "Collins Tree Guide", Johnson & More (2004).
3. **Height:** Estimated with the aid of a 'Disto' laser range finder and expressed in metres.
4. **Trunk Diameter:** Measured at 1.5m above ground level and expressed in millimetres to the nearest 10mm; where multiple stems are present they are measured individually and a cumulative total calculated in accordance with BS5837 (2012).
5. **Radial Crown Spread:** Distance in metres from the centre of the trunk to each cardinal point of the compass and rounded up to the nearest half metre.
6. **Crown Clearance:** Mean height from adjacent ground level to the lowest point of the crown.
7. **Height to First Branch:** Height, in metres, of the first significant branch (100mm) or to crown break from ground level.
8. **Life Stage:** Young, Semi mature, Mature, Veteran/Ancient.
9. **Physiology:** Health and condition of the tree in comparison to a typical specimen of species and age: Good, Average, Below Average, Poor, Dead.
10. **Structure:** The structural condition of the tree based on an assessment of any visible roots, trunk and crown, noting the presence of any defects or decay: Good, Moderate, Indifferent, Poor, Hazardous.
11. **Landscape Value:** Reflecting the importance of the tree in the local landscape. High, Moderate, Low, Nil.
12. **Estimated Years:** Estimate of remaining contribution expressed in years <10, 10-20, 20-40, 40+.
13. **Comments:** Notes relating to health and condition, structure and form, estimated life expectancy and importance within the local landscape.
14. **Category:** - A rating given to individual trees based on Table 1 in the British Standard, BS 5837 (2012) "*Trees in relation to design, demolition and construction - Recommendations*".

Category 'U' - Trees in such a condition that any existing value would be lost within 10 years and which should, in the current context, be removed for reasons of sound arboriculture management.

Category 'A' - Trees of high quality and value; in such a condition as to be able to make a substantial contribution (Normally a minimum of 40 years).

Category 'B' - Trees of moderate quality and value; those in such a condition as to make a significant contribution (Normally a minimum of 20 years).

Category 'C' - Trees of low quality and value; currently in adequate condition to remain until new planting could be established (Normally a minimum of 10 years), or young trees with a stem diameter below 150mm.

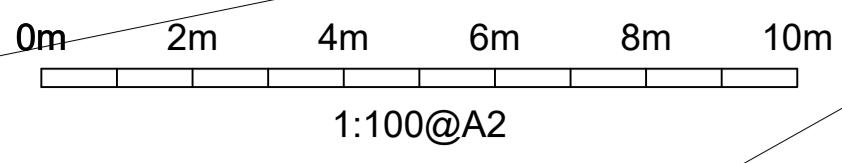
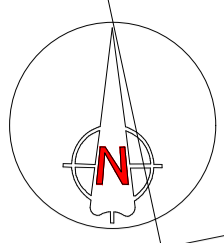
Sub-categories (where appropriate); 1 – Mainly arboricultural qualities: 2 – Mainly landscape qualities: 3 – Mainly cultural values, including conservation.

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Crown Clearance	Height to 1st Branch	Life Stage	Physiology	Structure	Landscape Value	Est. Years	Comments	Category
1	Myrobalan Plum	7.5m	135mm 100mm 3 stems @ 125mm	N2m E3.5m S3m W2.3m	2m	2.5m E	Mature	Average	Below average	Moderate	10-20	Three stemmed from base; five stemmed from 1m; tight compression fork with evidence of included bark; crossing and rubbing stems beginning to occlude; crown has been heavily reduced or "topped" in past; crown touching adjacent building.	C (1)
2	Hawthorn	7.5m	205mm	N1.8m E4m S3.5m W1.5m	E2m	2m	Mature	Average	Average	Moderate	20-40	Off-site tree; slightly leaning trunk; crown has been severely lifted in past; of moderate quality, but currently of low value due to small size.	C (1)
3	Flowering Cherry	12m	250mm est	N4m NE6m E5m S4m W1m	2.5m	2m S	Mature	Average	Average	Low	10-20	Off-site tree; slightly leaning trunk; one-sided crown as suppressed by adjacent property.	C (12)
4	Hawthorn	11m	200mm	N4.5m E3.5m S3m W1.5m	N5m S4m	3.5m N	Mature	Average	Below average	Low	10-20	Off-site tree; twin-stemmed from 2m; slightly leaning trunk; canopy entirely offset from base; suppressed specimen.	C (12)
5	Myrobalan Plum	11.5m	155mm 160mm 120mm 205mm	N5m NE6.5m E6m S2.25m W4.5m	4.5m	3m E	Mature	Average	Below average	Low	10-20	Off-site tree; four stemmed from base; tight compression fork with evidence of included bark; stems fused together at 1.5m on N side of trunks; asymmetrical crown as suppressed by adjacent specimens; crown touching adjacent building.	C (12)
6	Myrobalan Plum	10.5m	160mm 320mm	N4.5m NE6.5m E3.5m S3.5m W2.5m	N2.5m S4m	3.5m N	Mature	Average	Below average	Low	10-20	Off-site tree; two stems fused together to make larger sized trunk; tight compression forks with evidence of included bark; crown has been severely lifted in past; twin stemmed from base; buttresses roots depicting tension roots, head in a northern direction.	C (12)
7	Myrobalan Plum	5m	80mm 140mm	N2m E1m S3m W2m	2m	2m	Semi-mature	Below average	Below average	Low	10-20	Off-site tree; small suppressed specimen; of little material value.	C (12)

No.	Species	Height	Trunk Dia.	Radial Crown Spread	Crown Clearance	Height to 1st Branch	Life Stage	Physiology	Structure	Landscape Value	Est. Years	Comments	Category
8	Purple Leaved Plum	10.5m	270mm	N2m E2.5m S5.5m W3.5m	S3m	2m S	Over-mature	Below average	Below average	Low	<10	Off-site tree; <i>Phellinus pomaceus</i> on trunk; crown has been severely lifted in past; of no potential.	U
9	Myrobalan Plum	6m	70mm 130mm	N3m E2.5m S2m W3.5m	2m	1m	Semi-mature	Average	Below average	Low	20-40	Off-site tree; of moderate quality, but currently of low value due to small size; suppressed crown as overtopped by adjacent specimens.	C (12)
10	Purple Leaved Plum	8.5m	320mm	N4m E4m S2.5m W2.5m	2.5m	2m	Over-mature	Below average	Hazardous	Low	<10	Off-site tree; <i>Phellinus pomaceus</i> on western side of trunk at 1m; decay bifurcation; differences in tone when trunk tapped with acoustic hammer suggest internal defects; should be removed for sound arboricultural management reasons.	U

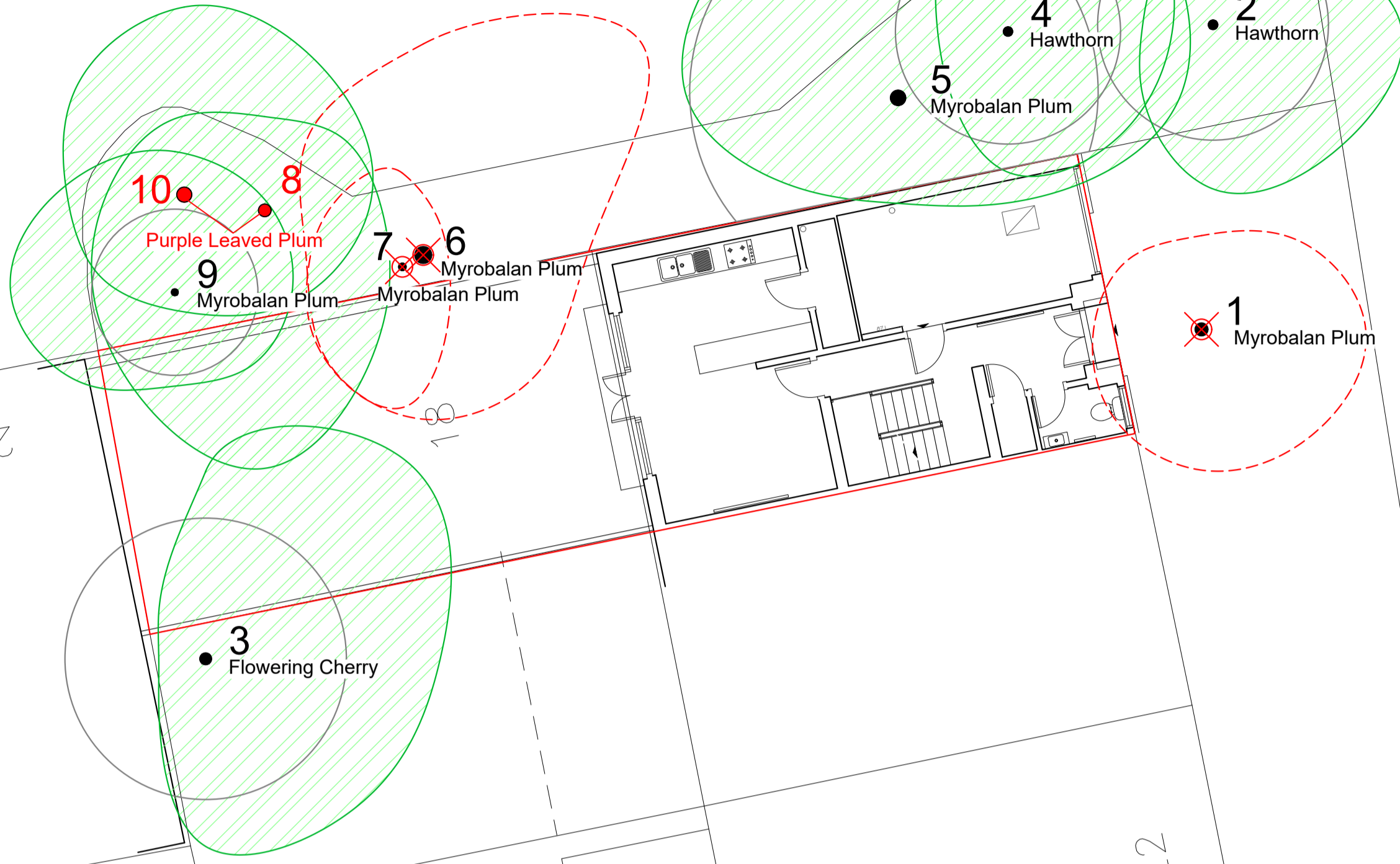


APPENDIX 2 – Tree Protection Plan







ELLIOTT SQUARE

ELSWORTHY RISE



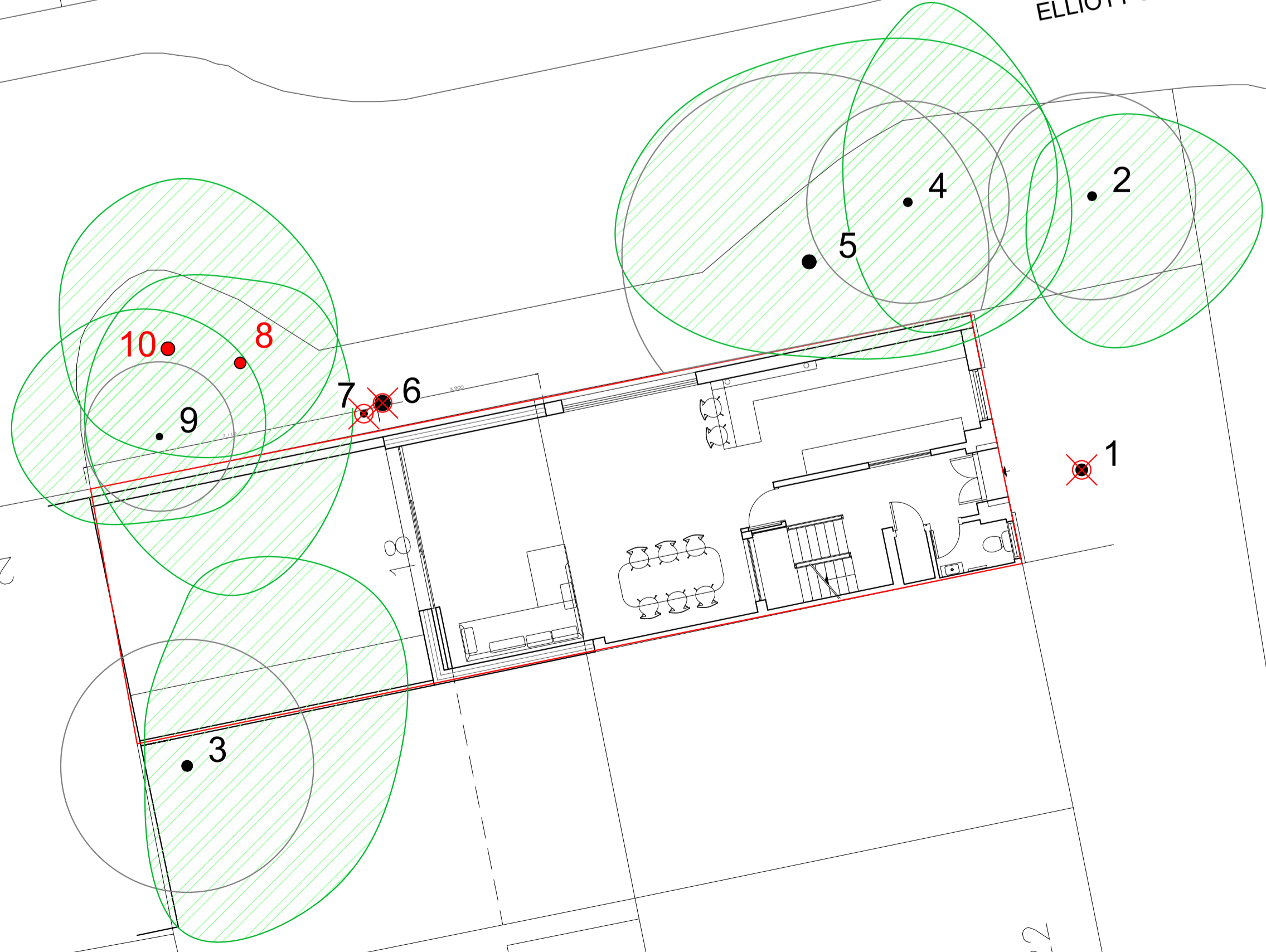
EXISTING SITE PLAN
INDICATING PROPOSED
TREE REMOVALS

 DAVID ARCHER ASSOCIATES ARBORICULTURAL CONSULTANTS			
Project: 18 Elsworthy Rise London NW3 3SH			
Client: Mr Percival			
Drawing: TREE PROTECTION PLAN			
Based on: Ordnance Survey Plan + existing & proposed layouts			
Drawing No: TPP 01		Rev:	
Date: May 2020	Scale: 1:100 @ A2	Drawn: MR	
Tree nos.: ● 1	Canopies of trees: 	Category 'U' tree: ● 8	
Category 'C' RPA: 	Trees to be removed: 		
<small>David Archer Associates: info@daa-associates.co.uk 2020 OS Licence 100061274</small>			

PROPOSED PLAN
INDICATING TREE
PROTECTION MEASURES

ELLIOTT SQUARE

ELSWORTHY RISE





APPENDIX 3 & 4 – ESRA Permission letter & Tree plan showing 80 & 81



18th May 2020

To whom it may concern

RE: ELLIOTT SQUARE

Trust Property Management manage Elliott Square on behalf of Chalcots Estate Limited.

I am writing to inform you that it has been agreed with the Residents' Association and Matthew Percival that the trees numbered 80 and 81 can be removed on the condition that new trees or shrubs will be replanted to the Residents' Association's satisfaction.

Please contact me if you have any queries in this regard.

Yours Sincerely,

A handwritten signature in black ink that reads "S. Duignan".

Stephanie Duignan
Senior Property Manager
sduignan@trustplc.co.uk

