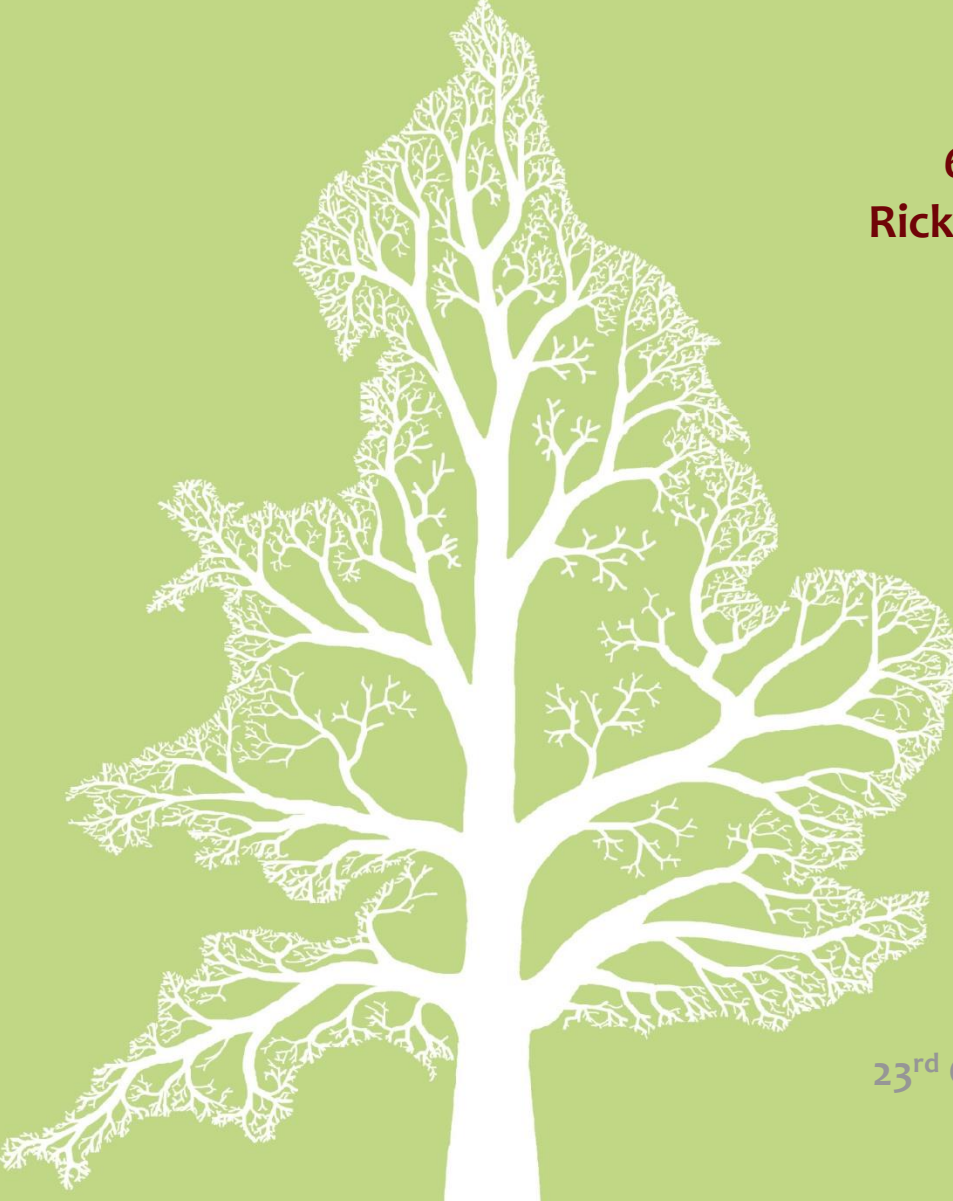


Proposed Planting Scheme



for

**61 The Drive
Rickmansworth
WD3 4EA**

Dated
23rd October 2023

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1. Introduction

1.1. Instructions and References

- 1.1.1. We are instructed by Mr & Mrs Kassouf to produce a tree planting scheme at 61 The Drive.
- 1.1.2. The proposed planting plan can be found at Appendix 2.

1.2. Scope and Purpose of the Report

- 1.2.1. This scheme is designed to assist with the discharge of Planning Condition Number 3 associated with Planning Decision Notice **23/1401/FUL**.
- 1.2.2. Three new trees are to be planted to replace the three trees proposed for removal as per the approved Arboricultural Report, dated 3rd August 2023. A management scheme is included to ensure successful establishment.

2. Planting Scheme

2.1. Tree Planting Schedule

2.1.1. It is proposed to plant two standard sized trees and one large shrub in the locations indicated on the accompanying Proposed Planting Plan ref CCL/11509/PLP. The species and sizes are specified below:

Ref No	Species	N°	Size		
N1	Silver Birch Betula pendula	1	Standard	8-10cm girth, 2.5-3m height	Deciduous tree with interesting bark good autumn colour.
N2	Magnolia 'Heaven Scent' Magnolia sp	1	Standard	8-10cm girth, 2.5-3m height	Deciduous tree with attractive, pink scented flowers in spring.
N3	Common Lilac Syringa Vulgaris	1	Standard	20 Litre Pot, 1-1.2m height	Fast, Huge, Landscape, Evergreen, Longevity,

2.2. Planting Specification (trees and hedges)

- 2.2.1. **Timing:** Trees should be planted from late October to late March and copiously watered in immediately after planting.
- 2.2.2. **Preparation:** Any ground that has been compacted during construction shall be cultivated to a depth of at least 300mm. A minimum area of 1m x 1m shall be de-compacted for each tree.
- 2.2.3. Where chemical contamination is suspected of having occurred or where the soil is determined to be too shallow or infertile, an appropriate amount of soil is to be removed and replaced with quality topsoil compliant with BS 3882. A minimum volume of 2m x 2m x 0.5m deep will be replaced for each tree. Before backfilling with topsoil, bases and sides of all excavation should be de-compacted/loosened with a garden fork or spade.
- 2.2.4. **Planting:** A planting hole 1.5 to 2 times larger than the root ball/ root spread shall be excavated by hand. The edge of the planting hole shall be roughened with a spade, and the base dug over to a depth of 150mm to improve drainage. Trees shall be planted with stem base at ground level, and the planting hole shall be backfilled with the same (or slightly ameliorated) soil material and firmed to prevent air pockets.
- 2.2.5. **Soil Amelioration:** Compost or other organic matter may be added to aid establishment if the soils are relatively infertile. However, this should not be confined to the planting hole. The vast majority should be dug into the soils immediately adjacent to the planting hole, and the mix should always be at least 50% of the excavated site soil.
- 2.2.6. **Staking:** *Standard* trees (or smaller) shall be single staked at 30 - 50cm above ground level and attached with adjustable and flexible tree ties and spacers. Stakes shall be driven into the ground such that they avoid the root ball. Stakes shall be of tanalised timber with a minimum diameter of 75mm.

2.2.7. **Protection:** Spiral rabbit guards (60cm x 50mm, clear recycled PVC) to be affixed around the base of any tree not protected by tree shelters. The use of strimmers shall be avoided due to the risk of bark stripping.

2.2.8. **Mulching:** Seasoned woodchip or medium-grade bark mulch to be installed to a depth of 10cm around each tree to deter weed competition. A 1m radial diameter of mulch should be installed around each stem and periodically topped up.

2.2.9. If any existing or newly planted trees become moribund, soils shall be aerated, and soil inoculants applied.

2.3. Long Term Management Plan

2.3.1. **Watering:** Trees shall be regularly watered during the first growing season and during prolonged dry spells for at least two further seasons, in accordance with British Standard 8545 (2014). The following is a guide to watering requirements, though in practice these are heavily dependent upon climatic conditions:

- All trees watered three times per month from April through to September inclusive. During October, November and March, the frequency may be reduced to twice per month. During December, January and February, the frequency may be reduced to once per month.
- At each watering session, heavy standards should receive 20 gallons, standards should receive 15 gallons, and light standards should receive 10 gallons. This equates to approximately 10 minutes, 7.5 minutes and 5 minutes from a domestic hose at moderate pressure.
- The entire area beneath the canopy should be watered.
- After two years, the trees should only require watering during periods of extended dry weather.

2.3.2. **Ties and Stakes:** The tree ties and spacers shall be inspected and adjusted/loosened annually by an appointed arborist. The stakes shall be removed (or loosened) after three to five years, as is deemed fit by the appointed arborist.

2.3.3. **Formative Pruning:** Formative pruning of new trees should be undertaken where appropriate, including progressive crown lifting, leader selection and minimum / maximum heights of crown lifting. If any trees are to be pleached, pollarded or coppiced, this should be well planned, and the timing/ regularity of pruning requirements specified.

2.3.4. **Two-year Inspection:** After two years from the planting date, the appointed arborist shall assess the condition of the trees and undertake any remedial/formative pruning required to encourage the trees to develop with good structure screening value.

2.3.5. **Five-year Inspection:** After five years from the date of planting, the appointed arborist shall assess the condition of the trees and undertake any remedial/formative pruning required to encourage the trees to develop with good structure screening value.

2.3.6. **Replacement:** Any trees that fail to become established shall be removed and replaced with a new tree of the same species and specification as the original. Planning conditions may apply.

Appendix 1: Author's Qualifications

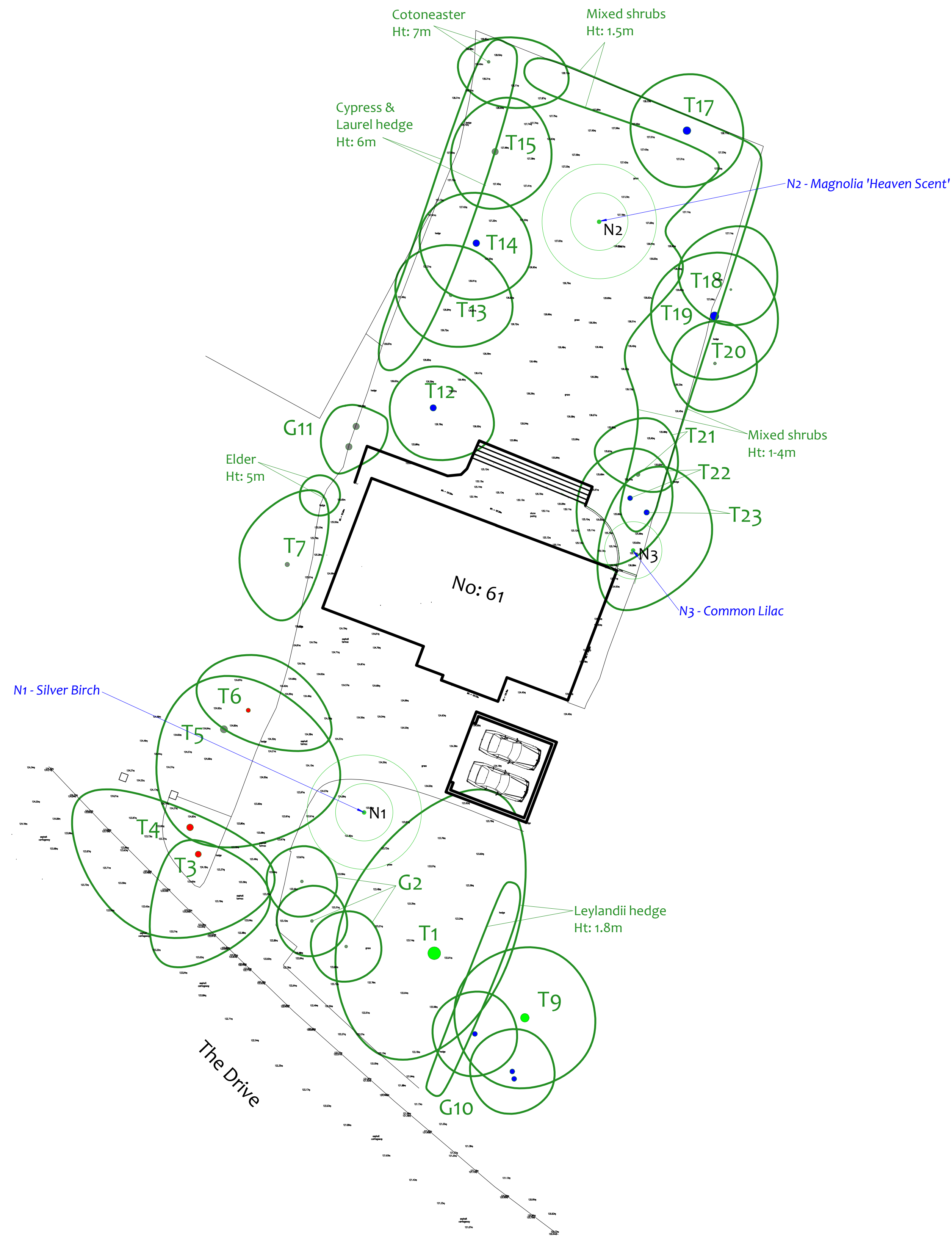
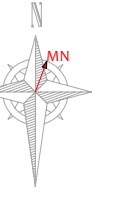
Qualifications & Experience of Emma Hoyle FDS (Arboriculture), ED (Forestry & Arboriculture), M. Arbor. A.

Emma is a qualified Arboricultural Consultant educated to Level 5 in Arboriculture at Askham Bryan College, is a professional member of the Arboricultural Association and is a LANTRA accredited *Professional Tree Inspector*. She has worked for Crown Consultants since 2015 and has since written numerous reports relating to all aspects of arboriculture including; planning and development, vegetation related subsidence, tree preservation orders and tree risk assessment. Emma regularly attends seminars and events in order to keep abreast with current knowledge and best practise in Arboriculture.

Prior to becoming an arboricultural consultant, Emma worked for two reputable tree surgery firms from 2008 and became an NPTC Qualified tree surgeon after completing a Level 3 Extended Diploma in Forestry and Arboriculture at Askham Bryan College. Emma also has experience in other areas of arboriculture such as forest clearance, tree planting, tree maintenance and landscaping.

Appendix 2: Proposed Planting Plan

The Proposed Planting Plan follows this page. It is also provided as a separate document for ease of printing and referring between when viewing on a screen.



Tree Ref.	Species	Height (m)	Root Protection Area	
			Radius (m)	Area (sq. m)
T1	Deodar Cedar	18	10.7	358
G2	Silver Birch	10	2.4	18
T3	Ash	11	5.2	84
T4	Ash	17	5.6	100
T5	Oak	17	6.0	113
T6	Cherry	10	3.6	41
T7	Ash	9	3.7	43
T8	Silver Birch	8	2.6	22
T9	Deodar Cedar	18	7.2	163
G10	Lawson Cypress	16	4.2	55
G11	Sycamore	8	5.4	92
T12	Laburnum	9	5.4	92
T13	Norway Maple	9.5	2.6	22
T14	Silver Birch	15	5.8	104
T15	Pissards Plum	8	5.4	92
T16	Pissards Plum	8	5.5	96
T17	Yew	9	5.5	95
T18	Scots Pine	9	1.8	10
T19	Eucalyptus	19	7.2	163
T20	Scots Pine	11	2.4	18
T21	Silver Birch	15	3.4	35
T22	Silver Birch	17	4.2	55
T23	Silver Birch	18	4.6	65
T24	Holly	3	3.8	46

Drawing No: CCL 011509 / PLP Rev: 1
 Title: Proposed Tree Planting Plan (After Vegetation Removal)
 Site: 61 The Drive, Rickmansworth, WD3 4EA
 Scale: 1:200 Paper Size: A1



Retained Trees	Proposed Tree Planting
	Proposed new tree reference N1, showing future canopy at 2m and 4m (radius)

Proposed Planting Plan

MN = Measured North:
 Canopy spreads are sometimes measured to an approximate N defined by site features. Often more accurate, especially where rows of trees are not aligned N-S or E-W.