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Arboricultural Assessment Report

Henderson Avenue
Scunthorpe
North Lincolnshire

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	Staff Member	Position
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1.0 INTRODUCTION

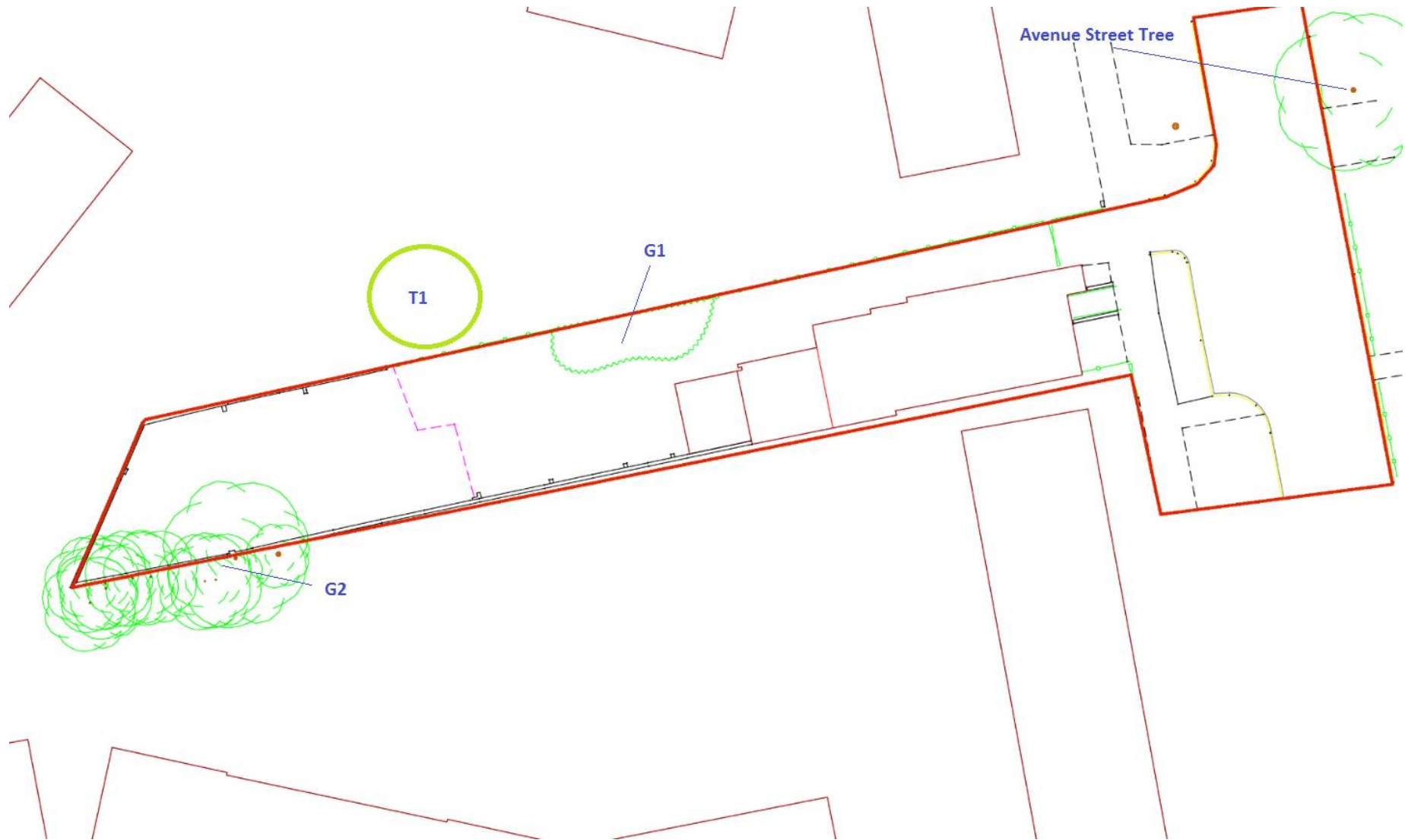
1.1 This report provides information in accordance with British Standard 5837:2012 'Trees in Relation to Design, Demolition and Construction' for a proposed development at Henderson Avenue, Scunthorpe.

1.2 The aims of the survey are to undertake a survey of all trees and within and on the boundaries of the site.

1.3 The following information was requested as part of the brief:

- Designated tree number.
- Tree Species – the common name has been given followed by the Latin or scientific name.
- Height.
- Stem or base (multi stemmed trees) diameter and root protection area provided as a radius from the trunk.
- Crown clearance (height of the periphery of the crown spread above ground level).
- Branch spread (to N, S, E, and W).
- Age class. This is given as young (Y), middle age (MA), mature (M), and over mature (OM).
- Physiological condition - general comments given only, poor, fair, good.
- Tree structural condition - general comments given only, poor, fair, good.
- Useful life expectancy.
- Preliminary management recommendations (a full tree risk survey will not be undertaken at this stage).
- Tree category (U, A, B or C).

2.0 SITE SURVEY (Plan 1a)



3.0 SURVEY METHODOLOGY AND SCHEDULE

- 3.1 The survey was carried out to British Standard 5837:2012, using the categories explained below:
- 3.1.1 The trees were assessed visually from ground level. Where potential problems were identified, further inspection by tree climbing is recommended. No digging or drilling methods were employed during this survey.
 - 3.1.2 The tree numbers within the schedules refer to the order in which the trees were recorded.
 - 3.1.3 The approximate height of each tree is measured from ground level to top of canopy using a clinometer.
 - 3.1.4 The approximate diameter of each tree is measured at 1.5m above ground level. Many trees are not measured due to inaccessibility. The root protection distance which has been expressed as a radius from the trunk of the tree has been given below the diameter measurement.
 - 3.1.5 The age of each tree is based upon our experience.
 - 3.1.6 The physiological condition of the trees is based upon our experience.
 - 3.1.7 The structural condition and description is based upon our experience.
 - 3.1.8 Both the approximate expected lifespan remaining and category/rating of each tree is based upon the surveyor's experience.
 - 3.1.9 The retention category of each tree or group of trees is based upon the information detailed above using the following categories: -
 - U Trees to be removed for arboricultural reasons
 - A Trees of high quality and value
 - B Trees of moderate quality and value
 - C Trees of low quality and value
 - 3.1.10 The following subcategories have been used in rating tree value: -
 - 1 Mainly arboricultural value
 - 2 Mainly landscape value
 - 3 Mainly cultural values, including conservation

3.2 TREE SCHEDULE – (See Plan 1a)

Tree No	Species	Height M	Stem Dia (RPA)	Branch Spread (m)	Height of crown clearance	Age Class	Physiological condition	Structural Condition	Preliminary Management Recommendations	Useful life expectancy	Category grading
T1	Silver Birch	16m	400e 4.8m	N 5 S 5 E 5 W 5	2m	M	Good	Good	No action Tree on adjacent land	30+	B2
G1	Elderberry and Privet scrub	6m	-	-	-	M	Good	Good	No action	10+	C2
G2	Sycamores	7m to 14m	400e 4.8m	4m over site	2m	M	Good	Good	No action Trees on adjacent land	30+	B2

4.0 ARBORICULTURAL IMPLICATIONS ASSESSMENT

4.1 Initial Comments

4.2.1 The site contains no trees and the only vegetation on site is scrubby elderberry and privet (G1). These could be retained for instant greenery but they are not worthy of designing a scheme around.

4.2.2 At the western end of the site, a group of large sycamore trees are present on adjacent land. Clearly, these trees may restrict the design so as not to place new dwellings too close to the trees. A brick wall exists along the boundary at this point which is likely to restrict root development into the site. Some minor pruning to reduce the overhang branches should also be undertaken.