

Visual Tree Assessment Survey Report

Store: 5943 - SCISSETT EXP

Prepared for: **TESCO**

Part of the estate wide Tree Survey Programme 2020/21

Ground Control Limited
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Caring for our Environment

Document Control:

<i>Title:</i>	Visual Tree Assessment Survey Report			
<i>Client:</i>	Tesco Stores Ltd			
<i>Store:</i>	5943 - SCISSETT EXP			
<i>GC Reference:</i>	J200386			
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	1	19/03/2021	Final	1
	2			
	3			

Disclaimer: The recommendations contained in this Report represent Ground Control’s professional opinions, in exercising the duty of care required of a suitably experienced and qualified Arboriculturist Surveyor / Arboricultural Consultant.

All data recorded and recommendations made are based on observable factors present at the time of inspection. Inspections consist of a ground based visual inspection only. Where access to carry out a full inspection is not possible due to reasons such as vegetation, topography, fencing or other situations that the surveyor feels are unsafe, the Arboriculturist will make appropriate notes within the survey schedule. The mitigation recommendations, or any other conclusions do not preclude the possibility of failure from undetected conditions, weather events, or other acts of man or nature. Trees can unpredictably fail even if no defects or other conditions are present. Ground Control can make no warranty or guarantee whatsoever regarding the safety of any tree, trees, or parts of trees.

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Executive Summary

<i>Survey Date(s):</i>	07/01/2021		
<i>Arboricultural Surveyor:</i>	James Rowland		
<i>Inseption Records:</i>	11		
<i>Action Records:</i>	3		
<i>Action Priorities:</i>	The table below provides a collated summary of the recommended tree work actions (listed in full within Annex B) in relation to the 'Action Priority' timeframes.		
	High	Medium	Low
<i>IMMEDIATE /URGENT *</i>			
<i>Within 1 - 3 months</i>	3		
<i>Within 3 - 6 months</i>			
<i>Within 6 - 12 months</i>			
<i>Within 12 - 18 months</i>			
<i>Within 2-7 Years</i>			
Total	3	0	0

* All immediate/Urgent tree works actions have been issued to Tesco outside of this report in accordance with separate agreed process.

1.0 Introduction:

- 1.1 Legislation and policies are now putting greater ownership and duty of care on landowners and those who have control over the tree's management. Ground Control Ltd has been commissioned by Tesco to undertake a visual tree condition survey of this store as part of an estate wide tree survey programme during 2020/2021, ensuring the Client is proactively working towards meeting their duties in this regard
- 1.2 The purpose of this report is to assess the current risk of direct damage to structures, people or vehicles caused by trees located at the store address.
- 1.3 This report is valid for no longer than 12 months.
- 1.4 It is recommended that all sites are re-inspected at a minimum of every two years or after a significant, strong wind event or as per surveyor recommendation regarding specific tree.

2.0 Contract Specifics

- 2.1 Client agreed scope of work specifics and qualifications as part of the estate wide tree surveying programme.

2.2 Survey Area:

- The extents of the tree survey area is based on Client provided PDF copy 'redline' boundary drawings which designate the extent of Tesco landownership boundaries based on either land registry boundaries or other contractual agreements.
- Ground Control has digitised the boundaries based on a visual assessment from the Client provided plans, with confirmation sought from Tesco asset managers where ambiguities were present. In the absence of digital boundaries the drawn boundaries may not be 100% accurate.
- All trees within the drawn boundary are to be surveyed.

2.3 Base Mapping:

- Ground Control has purchased aerial imagery in the absence of Client provided base mapping.

2.4 Data Collection:

- Data will be collected using mobile data collection hardware and software and processed through Ground Control's tree database.
- Inspections recorded within the survey and are traceable to an individual tree or tree group plotted on the maps.
- In the event the surveyors have limited access to trees, this information will be included within the inspection record. If trunks and base of trees are not inspected, crown vitality will still be recorded as an indicator to general health.

2.5 Remedial Works Identified:

- All recommendations for tree works will be made taking into account the target type, species of tree, type and size of defect.
- Deadwood under the size of 50mm diameter will be considered as minor deadwood with no action where by the tree is not located over an obviously well used communal space or car park.
- Within low risk areas very little remedial works will be recommended unless there is clear evidence that people use the target area (i.e. regular unmade path or glade within a woodland area). The Client (including store manager) should review completed survey and inform Ground Control of any additional actions required based on operational knowledge of the store.
- Each inspection will record tree defects observed by the arboricultural surveyor and make recommendations for remedial action based on the conditions on the day of survey, viewed from ground level.

Continued Overleaf

2.6 Tree Tagging & Photography:

- Only trees with issues or work action recommendations will be tagged and tie in with individual identification number contained within this report.
- Where possible trees requiring remedial works (actions) only will be photographed.

2.7 Other:

- Local Authority site checks for Tree Preservation Order (TPO) or Conservation Area (CA) status as part of surveying programme.

3.0 Risk Zones /Hazard Class

3.1 Guidelines for this subject come from Common sense risk management of trees- National Tree Safety Group (NTSG) and due consideration will be given to the principles set out below:

- Public impact - Numbers of public using site
- Site usage - Location of roads, footpaths, buildings
- Business Risk - Risk of damage to property

3.2 The Location of trees will be categorised as High (Red), Medium (Orange), Low (Green) and be dependent on the accessibility to the general public and on site frequency of use.

3.3 Tesco has not provided risk zones maps specific to each site. On this basis the categorisation is based solely on the arboricultural surveyor's discretion from observations gained during the site visit only. Ground Control cannot be held liable for any incorrect categorisation of risk/hazard zones.

3.4 The table below sets out the proposed risk zones and land use/feature that falls within each zone.

Risk Zone	Details
High	Adjacent property including railways, gardens, parks or schools, public roads and footpaths, car parks. Buildings, infrastructure or plant. Any internal access roads or footpaths leading to buildings or infrastructure used on a regular basis.
Medium	Open grassland or accessible tree groups
Low	Woodlands or areas where there is no access and would not require any work.

3.5 The table overleaf combines this risk zoning with the action prioritisation to provide a complete

Table combining Risk Zone/Hazard Class, Works Priority and Tesco Coding

Risk Zone/Hazard Class	Work Priority	Tesco Code	Time Limits (as detailed on survey schedule)	Details
HIGH Adjacent property including gardens, parks or schools, public roads and footpaths, car parks. Buildings, infrastructure or plant. Any internal access roads or footpaths leading to buildings or infrastructure used on a regular basis	HIGH	P1	Immediate/Urgent	Separate to this report all urgent work (immediate) has been phoned / emailed through immediately to the Client
		P2	Within 1- 3 months Within 3-6 months	Covers trees within target distance of High Risk Zone likely to cause injury, death or substantial damage. Includes crown lifts over roads, footpaths and car parks.
MEDIUM Open Areas such as tree groups or grassland with limited usage	MEDIUM	P2/P3	Within 6 months Within 12-18 months	Covers trees within target distance of High Risk Zone likely to cause an inconvenience such as pruning to clear buildings or phone lines. Covers trees within target distance of Medium Risk Zone likely to cause injury or damage.
LOW Woodlands or areas where there is no access and would not require any work	LOW	P3	Within 2-7 Years	Covers trees within target distance of High or Med Risk Zones with regard to tree works that are necessary to be programmed to promote the future health and well-being of tree stock, such as re-reductions whereby higher categories aren't necessary.

4.0 Survey & Action Schedule Key:

Map No:	Refers to map number in Annex C where there are multiple maps	V (Veteran)	= A mature specimen in decline with significant dead wood and cavities which are advantageous to wildlife
Tree Ref No:	Assigned tree number. Corresponds to supporting plans. Trees have been categorised as one of the following: Tree (T) or Group (G)	Target:	Depicts the target with which the tree as a whole or part is within distance of.
Tree Tag No.	Links the tree on report to the tree on site.	Access:	Informs if the surveyor has been unable to carry out a full inspection and why.
Tree Type:	Tree = Individual tree or Group = Tree Group	Inspection Condition:	Categorised as either: Good, Fair, Poor or Dead
Species:	The common name of the tree	Inspection Risk Category	Refer to section 3.0 hazard classification.
Tree Remarks:	Species within group. Tag number	Inspection Remarks	Remarks in addition to other observations
Group Tree count:	The estimated number of trees within the tree group	Observation Physical Remarks:	Observations made on the trees structural condition, wounds and defects
Ownership:	Records ownership of tree - client + location or 3rd party	Observation - Disease:	Observations made on the trees physiological condition including fungal bodies
Height (m):	In line with National Housing Federation height banding to include: 0-5, 5-10m, 10-15m, 15-20m and 20+M	Crown Defoliation	% of crown defoliation
Stem Diameter (mm):	The diameter of the trunk measured in millimetres taken with a DBH Tape at a height 1.5m above ground. In line with National Housing Federation DBH banding to include: 0-150mm, 150-300mm, 300-450mm, 450-600mm, 600-1000mm and >1000mm	Action Reference No.	Links to Ground Control's internal reference system
Crown Spread (m):	Canopy spread of the tree	Action:	Title of Remedial work specification
Age Class:	Recorded as: Y (Young) = Staked tree or tree with high growth potential (in 1st 3rd of life expectancy) MA (Middle Age) = Tree nearing full height but not full spread or stem diameter (Tree in 2nd 3rd of life expectancy) EM (Early Mature) M (Mature) OM (Over Mature) = A mature specimen with limited potential for any significant increase in size but with a reasonable safe life expectancy (in its last 3rd of life expectancy)	Action Remarks:	Specific specification
		Action By:	Tree team, GCGM, client or 3rd party
		Action Priority:	Categorised under High, Medium, Low as detailed within section 3.0
		Kit/ Plant/ TM	Detail on required kit, plant or traffic management

Annex A - Survey Schedule

Locality Name	Tree Reference	Inspection Reference	Tag Number	Tree Type	Species	Tree Remarks	Group Number	Ownership	Nearest House	Height Range	DBH Range	Crown Diameter	Age Class	Targets	Access	Inspection General Condition	Inspection Risk Category	Inspection Remarks	Conditions
5943 - SCISSETT EXP	GC016535	IN00016206	0252	Tree	Silver Birch			Client		0 - 5 Metres	0 - 150 mm	3	Young	Car Park, Accessible Area	Full Access	Dead	Work Action Required		Major Dead Wood Over 50mm Diameter
5943 - SCISSETT EXP	GC016536	IN00016207	No Tag	Tree	Silver Birch			Client		6 - 10 Metres	0 - 150 mm	4	Young	Car Park, Footpath and Road	Full Access	Fair	No Works at this Time		No Visible Issues or Defects
5943 - SCISSETT EXP	GC016537	IN00016208	No Tag	Tree	Silver Birch			Client		6 - 10 Metres	0 - 150 mm	4	Young	Car Park, Footpath and Road	Full Access	Fair	No Works at this Time		No Visible Issues or Defects
5943 - SCISSETT EXP	GC016538	IN00016209	No Tag	Tree	Silver Birch			Client		6 - 10 Metres	0 - 150 mm	4	Young	Car Park, Footpath and Road	Full Access	Fair	No Works at this Time		Branch Rip Wound
5943 - SCISSETT EXP	GC016539	IN00016210	0309	Tree	Dead Tree			Client		6 - 10 Metres	150 - 300 mm	3	Young	Car Park, Open Water	Unable to Inspect Main Structure Due to Ivy	Dead	Work Action Required		Bark Necrosis, Major Dead Wood Over 50mm Diameter
5943 - SCISSETT EXP	GC016540	IN00016211	0261	Tree	English Elm			Client		11 - 15 Metres	450 - 600 mm	8	Middle Aged	Car Park, Open Water	Unable to Inspect Main Structure Due to Ivy	Poor	Work Action Required	Several dead stems, bark necrosis on a number of stems. Recommend removal.	Bark Necrosis, Major Dead Wood Over 50mm Diameter
5943 - SCISSETT EXP	GC016541	IN00016212	No Tag	Tree	Rowan			Client		0 - 5 Metres	0 - 150 mm	2	Young	Building	Full Access	Fair	No Works at this Time		No Visible Issues or Defects
5943 - SCISSETT EXP	GC016542	IN00016213	No Tag	Group	Various Species	Predominately Elm. Including Sycamore, Oak.	30	Client		11 - 15 Metres	300 - 450 mm	10	Middle Aged	Building, Open Water	No Access - Only Crown Vitality Inspected	Fair	No Works at this Time		Ivy Covered Stem, Multi-Stem, Minor Dead Wood Under 50mm Diameter
5943 - SCISSETT EXP	GC016543	IN00016214	1622	Tree	English Oak			Unknown		6 - 10 Metres	300 - 450 mm	8	Middle Aged	Building, Footpath, Accessible Area	Full Access	Fair	No Works at this Time		No Visible Issues or Defects
5943 - SCISSETT EXP	GC016544	IN00016215	1623	Tree	Apple			Unknown		6 - 10 Metres	450 - 600 mm	9	Mature	Building, Footpath, Accessible Area	Full Access	Fair	No Works at this Time		Minor Dead Wood Under 50mm Diameter, Cavity in Stem, Previously Reduced
5943 - SCISSETT EXP	GC016545	IN00016216	No Tag	Group	Various Species	Mixed species group including Blackthorn, Hawthorn, Elder, Birch, Sycamore.	50	Unknown		6 - 10 Metres	150 - 300 mm	4	Middle Aged	Building, Footpath	No Access - Only Crown Vitality Inspected	Fair	No Works at this Time		Previously Reduced, Crown Close to Building

Annex B - Action Schedule

Locality Name	Action Reference Number	Tree Reference	Tag Number	Species	Tree Remarks	Group Number	Inspection Remarks	Action	Action Remarks	Action By	Action Priority	Site Hazard Class
5943 - SCISSETT EXP	AC00004238	GC016535	0252	Silver Birch				Fell to Ground Level (Directional Fell)		Tree Team	Within 1 - 3 Months	High Risk
5943 - SCISSETT EXP	AC00004239	GC016539	0309	Dead Tree				Fell to Ground Level (Directional Fell)		Tree Team	Within 1 - 3 Months	High Risk
5943 - SCISSETT EXP	AC00004240	GC016540	0261	English Elm			Several dead stems, bark necrosis on a number of stems. Recommend removal.	Fell to Ground Level (Section Fell)		Tree Team	Within 1 - 3 Months	High Risk

Annex C - Survey & Action Plan(s)



(pJ Ground Control®
Professional *services*

Client

Tesco

Site
5943 - SCISSETT EXP

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Tree Survey

- 0 Individual Ttee
- 0 Individual Tree (Action)
- Group of Trees
- Group of Trees (Ac11on)
- 0 Client Site Boundary

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Annex D - Photographic Records

District: Tesco
Locality: 5943 - SCISSETT EXP

Tree Ref: GC016535

Species: Silver Birch

Fell to Ground Level (Directional Fell)



District: Tesco
Locality: 5943 - SCISSETT EXP

Tree Ref: GC016539

Species: Dead Tree

Fell to Ground Level (Directional Fell)



District: Tesco
Locality: 5943 - SCISSETT EXP

Tree Ref: GC016540

Species: English Elm

Fell to Ground Level (Section Fell)



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