



**MICHAEL COOPER** M.ARB. Dip. P.R.A.  
**ARBORICULTURAL CONSULTANT**



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**Tree Surveys  
Mortgage Tree Surveys  
Planning Applications  
Planning Appeals  
Public Enquiries  
Expert Legal Witness**

Our Ref MC

30<sup>th</sup> June 2019.

Dear Jamie,

**ARBORICULTURAL SURVEY, SCHOOL STREET, THURNSCOE.**

I refer to your recent instruction to carry out an Arboricultural survey at the above site. The following points are now outlined for your attention.

- 1 This survey is basically an update of the one that I prepared in 2017 for the phase two development.
- 2 The trees on this site are all in the mature category.
- 3 The following tree numbers are those which I have recommended for removal.

T4	T5	T16	T17	T18	T19	T20	T21	T28	T68
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- 4 All 9 of the above trees were listed for removal in the tree survey for Phase two but under different numbers in the 2017 survey. They were not removed last year because as I recollect, the tree felling impinged into the bird nesting season and as a high percentage of them were conifers with significant habitat potential it was agreed that they could remain in situ until the winter months. Nothing else that I have surveyed for Phase 3 falls into the removal rating.

*Always remember to use the professionals*

- 5 The hedges marked has H29 would all appear to be in private ownership and are garden boundaries. Keepmoat are advised, if planning permission is granted, to ensure that these are afforded the fencing requirements for Tree Protection which are explained in **BS5837 2012**.
- 6 On the aspect of tree retention all development on site should comply with the requirements of **British Standard Institute Specification 5837, Trees in Relation to Design, Demolition and Construction, 2012**.
- 7 Any new tree planting should comply with **British Standards 4043:1989, Transplanting root-balled trees and British Standard Institute Specification 3936: 1992, Nursery Stock Part 1. Specification for Trees and Shrubs and the Horticultural Trades Association National plant specification for trees**.
- 8 All tree surgery work should be carried out in accordance with **British Standard Institute Specification 3998, Tree Surgery work**.

Should you require further assistance with this site, please do not hesitate to contact me.

Yours sincerely,

M Cooper

Survey carried out in June 2019 by;  
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 Tel 01302 868733 Mobile 07758089737  
 Email: arbor32@live.com

Site: School Street,  
 Thurnscoe

Carried out on behalf of client: Keepmoat Homes Ltd.  
 Authorising Officer : Jamie Moran, Technical Manager.

TR NO	SPECIES	HGT m	STEM DIAM mm	BR SPREAD m	HGT OF CRN CLRN m	A G E	PHYS COND	STRUCTURAL CONDITION.	PRELIMINARY MANAGEMENT RECOMMENDATIONS	REM YRS	C A T	RPA
T1	Crataegus monogyna, Hawthorn.	5m	320mm	N 3.5m E 3.0m S 3.5m W 4.0m	GL	M	Fair	Two stems arising at ground level.  Numerous crossing and rubbing branches.  Blue rope secured to one branch and this is now embedded into the tree.	Remove blue rope.  Clean crown through.	10	C2	3.90m
T2	Acer pseudoplatanus, Sycamore.	10m	500mm	N 5.0m E 6.0m S 6.5m W 6.0m	2m	M	Good	Main trunk divides to multi-stem at 3m.  Ivy on the main trunk  Good crown well shaped	Remove wire.	40	B2	6.00m

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TR NO	SPECIES	HGT m	STEM DIAM mm	BR SPREAD m	HGT OF CRN CLRNM	AGE	PHYS COND	STRUCTURAL CONDITION.	PRELIMINARY MANAGEMENT RECOMMENDATIONS	REMYRS	CAT	RPA
T3	Betula pendula, Silver Birch.	12m	180mm 170mm	N 3.5m E 3.0m S 3.0m W 2.5m	1.5m	M	Fair	Two stems at ground level- this is occluded at the point of division.  Bark wound on the stem to the south at 1.5m and to the west at 1m. Lower broken branch to the south at 2.2m.  Hawthorn sucker shoots growing out of the base of the trunk to the north.	Remove broken branch.  Remove hawthorn from base of trunk.	20	B2	3.00m
T4	X Cupressocy. leylandii, Green Leyland's Cypress.			N E S W		M	Poor	Poor tree.	Remove and replant.	U	U	U
T5	X Cupressocy. leylandii, Green Leyland's Cypress.	10m		N 2.0m E 2.0m S 2.0m W 2.0m	GL	M	Poor	Poor tree.	Remove and replant.	U	U	U

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T6	Acer campestre, Field Maple.	6m		N E S W	GL	M	Fair	Poor tree.	Remove and replant.	U	U	U
T7	Fraxinus excelsior, Common Ash.	8m	250mm	N 4.0m E 3.0m S 3.5m W 3.5m	1m	M	Good	Main trunk divides to three at 3.5m.  The Field Maple growing adjacent to this tree is rubbing the bark off of the branches. Minor dead twigs.	Remove Field Maple.	40	C2	3.00m
T8	X Cupressocy. leylandii, 'Castlewellan'. Golden Leyland's Cypress.	8m	320mm	N 2.0m E 2.0m S 2.0m W 2.0m	1m	M	Fair	Main trunk divides to four at 1m.  The lower crown is devoid of branches.	No work required.	10	C2	3.90m
T9	X Cupressocy. leylandii, Green Leyland's Cypress.	8m	340mm	N 2.0m E 2.0m S 2.0m W 2.0m	1m	M	Fair	Main trunk divides to four at 1.5m.  Normal build-up of dead twigs/small branches in the crown.	No work required.	10	C2	3.90m

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T10	Crataegus monogyna, Hawthorn	3m	100mm	N 2.0m E 2.0m S 2.0m W 2.0	GL	M	Fair	Young tree with well-balanced crown.	No work required	20	C2	An RPA of 4.5m should be fenced off from the centre of this hedgerow
T11	Crataegus monogyna, Hawthorn.	5m	380mm GL	N # E 2.5m S 3.0m W 2.0m	GL	M	Fair	Multi-stemmed at ground level.  Growing as part of a small hedgerow.	No work required.	20	C2	An RPA of 4.5m should be fenced off from the centre of this hedgerow
T12	Crataegus monogyna, Hawthorn.	6m	340mm GL	N # E 3.0m S 3.0m W 2.0m	GL	M	Fair	Multi-stemmed at ground level.  Growing as part of a small hedgerow.	No work required.	20	C2	An RPA of 4.5m should be fenced off from the centre of this hedgerow

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T13	Crataegus monogyna, Hawthorn.	6m	420mm GL	N # E 2.5m S 3.0m W 2.0m	GL	M	Fair	Multi-stemmed at ground level.  Growing as part of a small hedgerow.	No work required.	20	C2	An RPA of 4.5m should be fenced off from the centre of this hedgerow
T14	Crataegus monogyna, Hawthorn.	6m	440mm GL	N # E 2.4m S 2.8m W 2.0m	GL	M	Fair	Multi-stemmed at ground level.  Growing as part of a small hedgerow.	No work required.	20	C2	An RPA of 4.5m should be fenced off from the centre of this hedgerow
T15	Crataegus monogyna, Hawthorn.	5m	940mm GL	N # E.4m S 3.0m W 2.0m	GL	M	Fair	Multi-stemmed at ground level.  Growing as part of a small hedgerow.	No work required.	20	C2	An RPA of 4.5m should be fenced off from the centre of this hedgerow

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T16	Crataegus monogyna, Hawthorn.	5m	240mm	N 3.0m E 2.5m S 3.0m W 2.0m	GL	M	Fair	One stem at ground level which divides at 0.75m to produce a multi-stemmed crown.  Growing as part of a small hedgerow.	No work required.	20	C2	An RPA of 4.5m should be fenced off from the centre of this hedgerow
T17	Sambucus nigra, Elderberry.			N E S W	GL	M	Poor	Poor tree.	Remove and replant.	U	U	U
T18	Salix caprea, Willow.			N E S W	GL	M	Poor	Poor tree.	Remove and replant.	U	U	U
T19	X Cupressocy. leylandii, Green Leyland's Cypress.			N E S W		M	Poor	Poor tree.	Remove and replant.	U	U	U

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T20	X Cupressoc. leylandii, Green Leyland's Cypress.			N E S W		M	Poor	Poor tree.	Remove and replant.	U	U	U
T21	X Cupressoc. leylandii, Green Leyland's Cypress.			N E S W		M	Poor	Poor tree.	Remove and replant.	U	U	U
T22	Acer pseudoplatanus, Sycamore.	10m	180mm	N 3.0m E 2.5m S 3.5m W 3.0m	1m	M	Fair	One main trunk through the crown.  Minor trunk wound/cavity at 0.75m to the south. Suppressed to the north west by T63.	No work required.	40	B2	2.40m
T23	Prunus avium, Wild Gean Cherry.	11m	370mm	N 5.5m E 4.5m S 5.0m W 4.0m	1m	M	Fair	One trunk through the crown plus one waterspout limb to the south east at 1.8m.  Green wire on the main trunk.	Remove wire.	10	C2	4.50

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T24	Acer pseudoplatanus, Sycamore.	13m	400mm	N 5.0m E 4.0m S 5.0m W 4.5m	1.3m	M	Fair	Main trunk divides to three at 4m of which two are major and one is minor.  The crown is suppressed to the east by T63.  Minor damage to the lower branch at 2m to the north west-the end is broken off at 2m from the main trunk.	No work required.	40	B2	4.80m
H25	Crataegus monogyna, Hawthorn.  Sambucus nigra, Elderberry.	3-5m	250mm Ave	N 2.5m E 2.5m S 2.5m W 2.5m	GL	M	Poor	Short section of hedgerow	No work required	20	C2	An RPA of 3m should be fenced off from the centre of this hedgerow
T26	Prunus avium, Wild Gean Cherry.	10m	290mm	N 5.0m E 7.0m S 3.0m W 5.5m	1m	M	Fair	Main trunk divides to two at 1.8m and one lower minor stem to the north west at ground level. Broken branches at 3m to the south east at 3m.	Prune back broken branch.	10	C2	3.60m

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T27	Prunus avium, Wild Gean Cherry.	10m	290mm	N 4.5m E 6.0m S 5.0m W 4.5m	1.5m	M	Fair	Main trunk divides to two at 3.5m and a long waterspout limb at ground level to the north east.  Numerous old dead branch stubs.  Several broken branches within the crown. Overhead wires through the crown.	Prune out broken branches.  Create clear channel for overhead cable.  Prune back branch stubs.	10	C2	3.60m
T28	Chamaecyparis lawsoniana, Lawson's Cypress.	7m		N E S W	1m	M	Poor	Poor tree.	Remove and replant.	U	U	U
H29	Crataegus monogyna, Hawthorn, Ligustrum ovalifolium, Privet	3-5m Ave	200mm Ave		GL	M	Good	Several sections of hedgerow which all appear to be in private ownership	Some of the sections have been maintained on a cyclical basis so there is no significant overhang into the proposed development site.	40	C2	Fence off at 3m Into the site

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T30	Acer pseudoplatanus, Sycamore.	10m	290mm 350mm	N 7.0m E 5.0m S 5.0m W 6.0m	3m	M	Good	<p>This is two trees growing close together and their crowns overlap so I am treating it as one specimen for the purpose of the root protection zone but using the largest trunk diameter.</p> <p>It has had numerous limbs removed from the field side presumably for the passage of farm vehicles. The pruning is not to a good standard with significant stubs left in place.</p> <p>This is a private tree</p>	No work required.	40	B2	3.90m
T31	Crataegus monogyna, Hawthorn.	6m	300mm	N 4.0m E 3.5m S 3.5m W 4.0m	GL	M	Good	Small multi-stemmed tree at ground level.	No work required	40	C2	3.60m

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H32	Crataegus monogyna, Hawthorn.	1.5 m Ave	100mm ave	1-2m	GL	M	Good	Hedgerow subject to cyclical maintenance	Continue cyclical maintenance.	40	C1	Maintain a RPA of 3m from the centre of the hedgerow

# **KEY TO M. COOPER TREE SURVEY HEADINGS**

TR NO = TREE NUMBER

SPECIES= TREE SPECIES

HGT= OVERALL HEIGHT

STEM DIAM=TRUNK DIAMETER WHEN MEASURED AT 1.5 METRES FROM GROUND LEVEL

BR SPREAD = BRANCH SPREAD IN METRES ON ALL DIRECTIONS

HGT OF CRN CLRN= HEIGHT OF CROWN CLEARANCE TO THE BOTTOM BRANCH

AGE = YT= YOUNG TREE, SM = SEMI MATURE, M =MATURE, OM = OVER MATURE, VT = VETERAN

PHYS COND=PHYSIOLOGICAL CONDITION IE GOOD, FAIR, POOR, DEAD

STRUCTURAL CONDITION=OVERALL CONDITION, WEAKNESSES, DEFECTS ETC

PRELIMINARY MANAGEMENT RECOMMENDATIONS=SUGGESTED TREE SURGERY WORK

CAT = CATEGORY IN ACCORDANCE WITH BRITISH STANDARD INSTITUTE SPECIFICATION 5837 FOR TREES IN RELATION TO DESIGN, DEMOLITION AND CONSTRUCTION-RECOMMENDATIONS :2012

SS=SINGLE STEM TREE

MS= MULTI-STEM TREE

S=SHRUB OR SHRUBBERY

W=WOODLAND AREA OR WOODED PERIMIETER/SCREEN

H=HEDGELINE

G=GROUP

NB. WHEN ANY REFERENCE IS MADE IN THE REPORT ON WOUNDS OR A HEIGHT MEASUREMENT, THIS IS TAKEN AS BEING FROM GROUND LEVEL

U=UNSUITABLE FOR RETENTION

# = ACCESS COULD NOT BE GAINED TO CARRY OUT FULL SURVEY

RPA-ROOT PROTECTION AREA -THIS FIGURE EQUATES TO THE RADIUS FROM THE CENTRE OF THE TRUNK TO BE PROTECTED BY AGREED MEASURES