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Tree Surveys
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[REDACTED]

15th October 2009.

Dear [REDACTED]

ARBORICULTURAL SURVEY, 7 THURNSCOE ROAD, BOLTON ON DEARNE.

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

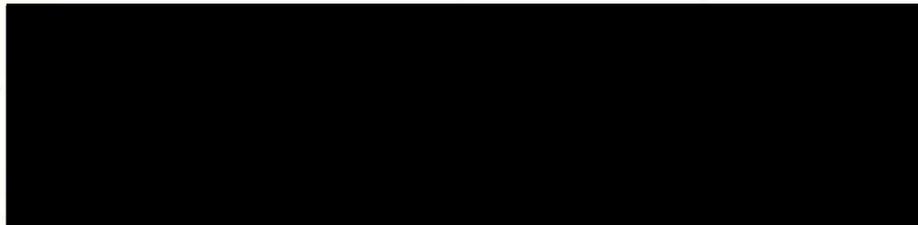
- 1 The majority of the trees on this site are of low quality and with the exception of the mature Beech, T11 and T14, they are mainly located to the boundaries of the site.
- 2 Most of the trees have been ranked as 'a C' category which is a low rating. They are of poor quality with several of those listed being in the small shrub category. These carry no amenity value for the site.
- 3 The Beech tree listed as T11 is, or is going to develop into a major problem. The sheer weight of this tree is causing the top of the old quarry face to bow outwards and stating the obvious it is only a matter of time before this collapses. The debris at the bottom of the quarry face is already significant. Whilst I have graded this tree as a 'C' it should really be scored for removal but it cannot be scored this low due to the way in which the British Standard 5827 is interpreted. It certainly is not safe to allow anyone access under the canopy. I hope the Planning Authority will agree with this assessment and allow its removal.

Always remember to use the professionals

- 4 The Beech tree listed as T14 is also in a poor condition with the extensive decay on the major stem referred to in the attached schedule. This should be inspected on annual basis.
- 5 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 construction; 2005.***
- 6 Any new tree/shrub 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***
- 7 All tree surgery work should be carried out in accordance with ***British Standard Institute Specification 3998, Tree Surgery work***
- 8 The site should be checked for the existence of any ***Tree Preservation orders, Conservation areas, Sites of Scientific Interest, Areas of Outstanding Natural Beauty, any deeds of covenant or/and other statutory instruments that may apply.***

Should you require further information in respect of this site please do not hesitate to contact me

Yours sincerely,



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 2005 FOR TREES IN RELATION TO CONSTRUCTION; RECOMMENDATIONS.

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

Survey carried out in October 2009 by;
Michael Cooper. M.Arb. Dip. P.R.A

Site: 7 Thurnscoe Road
Bolton On Dearne

Carried out on behalf of client:
Agent: Steve Gamble

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	EST. REMAIN CONT years	C A T
T1	Forsythia spectabilis,	3m	110mm GL	N 2.0m E 1.4m S 1.2m W 1.7m	GL	M	Fair	Small winter flowering shrub. Multi-stemmed at ground level. One sided due to proximity to T2.	No work required.	10	C3
T2	Prunus cerasifera 'Pissardii Nigra' Ornamental Purple Plum	8m	270mm GL	N 2.7m E 3.2m S 2.1m W 1.9m	GL	M	Poor	Multi-stemmed at ground level. Bottom grafted tree. Numerous and extensive sucker shoots produced at ground level. Branches are in close proximity to the fabric of the dwelling. This tree is very close to the stone boundary wall.	Remove sucker shoots. Remove branches from near the building.	10	C3

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T3	Buddleia davidii, Butterfly Bush	3.5 m	110mm GL	N 1.6m E 2.6m S 4.0m W 2.1m	GL	M	Fair	Small summer flowering shrub. Growing flush to the stone boundary wall. One stem at ground level which divides at 160mm to produce a multi-stemmed shrub. Branches hanging over the boundary wall. Numerous old pruning cuts.	No work required.	10	C3
T4	Prunus cerasifera 'Pissardii Nigra' Ornamental Purple Plum	6m	100mm	N 3.5m E 2.4m S 2.8m W 2.6m	0.3m	M	Poor	This is a sucker shoot originating from T2 Main trunk divides to two at 2m Small crown	No work required	10	C3
T5	Laburnum	5m	130mm	N 2.0m E 1.4m S 0.0m W 1.9m	2m	M	Poor	Main trunk divides to two at 2m. Minor ivy growth on main stem. Leans slightly to the north east. Very thin crown which is limited overall due to it being suppressed.	No work required	10	C3

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T6	Laburnum	3.5 m	110mm	N 4.3m E 0.0m S 0.0m W 1.9m	1.5m	M	Poor	Main trunk divides to two at 2m Leans slightly to the north east. The two stems grow out at a right angle at 3m to the north. Old branch wound/stub at 0.75m to the south	No work required	10	C3
T7	Fagus sylvatica, Beech	8m	440mm GL	N 2.6m E 4.6m S 4.2m W 4.8m	GL	M	Fair	Three stems at 0.4m Some branches have been shortened. Extensive ivy growth on the main trunk and into the crown.	Remove ivy	10	C2
T8	Fagus sylvatica, Beech	6m	220mm GL	N 1.0m E 1.8m S 1.9m W 3.5m	2m	M	Poor	Main trunk divides to two at 0.5m Extensive ivy growth on the main trunk and into the crown. Numerous old pruning wounds and shortened branches. Stem to the west is decayed at top of the limb.	Remove ivy	10	C3

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T9	Crataegus monogyna, Hawthorn.	5m	330mm	N 0.0m E 0.0m S 4.8m W 2.8m	GL	M	Poor	Main trunk divides at 1.3m to produce a multi-stemmed crown. Extensive ivy growth on the main trunk and into the crown. This is a poor tree	Remove ivy	10	C2
T10	Prunus avium, Wild Gean Cherry	8m	350mm GL	N 2.5m E 2.8m S 2.4m W 2.5m	GL	M	Fair	Multi-stemmed at ground level. This tree appears to have originated as a wild sucker shoot.	No work required	20	C2
T11	Fagus sylvatica, Beech	16m	730mm	N 5.6m E 7.2m S 7.1m W 8.0m	1.5m	M	Fair	Main trunk divides to two at 2.2m-the point of division is becoming badly compressed. Some barbed wire embedded into the main trunk. Minor ivy growth on the main trunk. Several major limbs have been removed. Some die back in the crown.	Remove wire from the main trunk	20	C2

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T12	Buddleia davidii	2m		N E S W	GL	M	Poor	Small shrub growing on top of the quarry face. Probably self set shrubs.	No work required.	10	C3
T13	Pyrus communist Pear	7m	140mm	N 2.1m E 1.4m S 1.9m W 1.5m	1.3m	M	Poor	Misshapen stem but still one trunk through the crown. The trunk kinks to the north west at 2.2m Sucker shoots at ground level.	No work required.	10	C3
T14	Fagus sylvatica, Beech	14m	920mm	N 5.6m E 10m S 7.6m W 5.8m	1.5m	M	Fair	Main trunk divides to two at 1.5m Parts of the fence are nailed to the base of the main trunk and also at the point of stem division. Limbs removed to the north at 1.2m Some small dead branches. The major limb to the south east is extensively decayed.	Monitor the decayed limb on a 6 monthly basis. Remove the sections of wood that are nailed to the trunk.		

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T15	Buddleia davidii, Butterfly Bush. Symphoricarpus racemosus, Amelanchier Canadensis, Snowy Mespilus. Buddleia davidii, Butterfly bush	2-4m		N E S W	GL	M	Poor	Small shrubs growing adjacent to the garden boundary. These are of little aesthetic value	No work required	10	C3

ROOT PROTECTION ZONE

The attached sheet(s) provide the root protection areas for each tree on site that is recommended for retention. This allows for developers to calculate the distance within which they can build in proximity to each tree.

I have provided two figures, these being;

The Overall Root protection zone.

This is in effect the total area around the trees canopy and rooting area which is required to be kept free of any development or encroachment to ensure it survives the development and post development period.

The Root Protection Radius

This is the radius of any area necessary to meet the requirements of the overall root protection zone. This should ideally be applied across the full width of the trees canopy.

NB These calculations are in accordance with the requirements of the British Standard Institute Specification 5837, 2005

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TR NO	SPECIES	TRUNK DIAMETER	ROOT PROTECTION AREA RADIUS	OVERALL ROOT PROTECTION AREA
T1	Forsythia x Intermedia	110mm GL	1.1m	3.80 sq mt,
T2	Prunus cerasifera 'Pissardii Nigra' Ornamental Purple Plum	270mm GL	2.7m	22.91 sq mt,
T3	Buddleia davidii, Butterfly Bush	110mm GL	1.1m	3.80 sq mt,
T4	Prunus cerasifera 'Pissardii Nigra' Ornamental Purple Plum	100mm	1.20m	4.52 sq mt,
T5	Laburnum	130mm	1.56m	7.65 sq mt,
T6	Laburnum	110mm	1.32m	5.47 sq mt,
T7	Fagus sylvatica, Beech	440m GL	4.4m	60.83 sq mt,
T8	Fagus sylvatica, Beech	220mm GL	2.2m	15.21 sq mt,
T9	Crataegus monogyna, Hawthorn.	330mm	3.96m	49.27 sq mt,
T10	Prunus avium, Wild Gean Cherry	350mm GL	3.5m	38.49 sq mt,
T11	Fagus sylvatica, Beech	730mm	8.76m	241.11 sq mt,
T12	Buddleia davidii			
T13	Pyrus communist Pear	140mm	1.68m	8.87 sq mt,
T14	Fagus sylvatica, Beech	920mm	11.04m	382.95 sq mt,

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T15	Buddleia davidii, Butterfly Bush. Symphoricarpos racemosus, Amelanchier Canadensis, Snowy Mespilus. Buddleia davidii, Butterfly bush	110mm GL	1.1m	3.80 sq mt,



Allotment Gardens