Tree Survey Schedule

Marlow Consulting Ltd
T: 01562 820907

Site: **Adams Food Plant, Prince Street, Leek**

Date of Survey: 10th March 2010

Tree Tag No.	Species	Height	Trunk diam. at 1.5 m	Branch Spread N	S	E	W	Crown Clear.	Age Class	Physiol. Condition	Structural Condition	Preliminary Work Required	Est. Contrib. (years)	Category Grading	Sub Cat	Prot. Mult.	Root Protection Radius	Root Protection Area (m^2)
215	**Sycamore** *Acer pseudoplatanus*	14	796	6	7	6	6	2	Mature	Good	Decaying wounds to the base of the trunk. Large basal shoots. Deadwood. Crown healthy.	Remove large basal shoots and deadwood.	40+	**B**	1/2	12	**9.55** **-**	286 -
216	**Common Alder** *Alnus glutinosa*	8	1000 (e)	4	4	4	4	0	Mature	Fair	Hollow base. Topped at approx. 3m. Dense regrowth.	No work required.	20-40	**C**	1/2	10	**10.00** **-** **-**	314 - -
217	**Common Alder** *Alnus glutinosa*	6	340	5	5	5	5	0	Middle Aged	Good	Broad, wide spreading habit. Crown healthy.	No work required.	40+	**C**	1/2	12	**4.08**	52
218	**Common Ash** *Fraxinus excelsior*	5	80	2	2	2	2	0.5	Young	Good	No significant visible defects. Crown healthy.	No work required.	40+	**C**	1/2	12	**0.96**	3
219	**Sycamore** *Acer pseudoplatanus*	11	600 (e)	4	5	4	4	1	Middle Aged	Good	Triple stemmed from ground level. Crown healthy.	No work required.	40+	**B**	1/2	10	**6.00** **-** **-**	113 - -
220	**Sycamore** *Acer pseudoplatanus*	14	740	6	7	6	6	1	Mature	Good	Trunk growing around fencing wire. Large deadwood. Crown healthy.	Remove large deadwood.	40+	**B**	1/2	12	**8.88** **-** **-**	248 - -

Notes

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2

Date of Survey: 10th March 2010

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221	**Common Ash** *Fraxinus excelsior*	10	600 (e)	6	2	4	1	3	Young	Good	Multi-stemmed from ground level. Several stems removed. Crown healthy.	No work required.	40+	**C**	1/2	10	**6.00** -	113 -
222	**Common Ash** *Fraxinus excelsior*	10	450 (e)	3	1	1	3	3	Young	Good	Multi-stemmed from ground level. Drawn up and leggy. Crown healthy.	No work required.	40+	**C**	1/2	10	**4.50** - -	64 - -
223	**Common Ash** *Fraxinus excelsior*	10	267	2	3	1	1	5	Young	Good	Multi-stemmed from ground level. Large pruning wound at the base. Crown healthy.	No work required.	40+	**C**	1/2	10	**2.67**	22
224	**Sycamore** *Acer pseudoplatanus*	11	600 (e)	1	6	3	1	2	Young	Good	Growing through the security fence and being damaged by concrete post. Little potential.	Fell.	<10	**R**			-	-
225	**Sycamore** *Acer pseudoplatanus*	12	328	6	2	6	1	1	Middle Aged	Fair	Extensive damage to the main stems. Poor form and shape. Little potential.	Fell.	<10	**R**			- - -	- - -
226	**Sycamore** *Acer pseudoplatanus*	12	232	4	1	1	3	2	Young	Fair	Extensive damage to the main stem. Poor form and shape. Little potential.	Fell.	<10	**R**			- - -	- - -

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227	**Sycamore** *Acer pseudoplatanus*	12	191	5	0	1	1	2	Young	Good	No significant visible defects. Poor form and shape.	No work required.	20-40	**C**	1/2	12	**2.29** **-**	16 -
228	**Common Ash** *Fraxinus excelsior*	10	175	2	2	1	1	2	Young	Good	No significant visible defects. Crown healthy.	No work required.	40+	**C**	1/2	12	**2.10** **-** **-**	14 - -
229	**Sycamore** *Acer pseudoplatanus*	14	264	2	6	4	4	1	Young	Good	No significant visible defects. Crown healthy. Slight squirrel damage.	No work required.	40+	**C**	1/2	12	**3.17**	32
230	**Common Alder** *Alnus glutinosa*	14	204	1	1	2	1	4	Young	Good	No significant visible defects. Crown healthy. Drawn up and leggy.	No work required.	20-40	**C**	1/2	12	**2.44**	19
231	**Goat Willow** *Salix caprea*	10	366	5	1	3	4	0	Middle Aged	Good	No significant visible defects. Poor form and shape.	No work required.	20-40	**C**	1/2	12	**4.39** **-** **-**	61 - -
232	**Goat Willow** *Salix caprea*	10	302	1	1	3	2	2	Middle Aged	Fair	Weak forks. Large amount of deadwood. Little potential.	Fell.	<10	**R**			**-** **-** **-**	- - -

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Site: Adams Food Plant, Prince Street, Leek

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Date of Survey: 10th March 2010

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233	**Goat Willow** *Salix caprea*	10	312	1	2	1	5	1	Middle Aged	Fair	No significant visible defects. Large deadwood. Poor form and shape.	Remove large deadwood.	20-40	**C**	1/2	10	**3.12** **-**	31 -
234	**Goat Willow** *Salix caprea*	10	328	1	1	1	2	5	Middle Aged	Fair	No significant visible defects. Large deadwood. Poor form and shape.	Remove large deadwood.	20-40	**C**	1/2	10	**3.28** **-** **-**	34 - -
235	**Sycamore** *Acer pseudoplatanus*	11	271	1	1	1	3	0	Young	Good	No significant visible defects. Crown healthy. Drawn up and leggy.	No work required.	20-40	**C**	1/2	10	**2.71**	23
236	**Goat Willow** *Salix caprea*	11	312	2	3	1	2	6	Middle Aged	Fair	No significant visible defects. Large deadwood. Poor form and shape.	Remove large deadwood.	20-40	**C**	1/2	10	**3.12**	31
237	**Goat Willow** *Salix caprea*	10	500 (e)	1	4	4	2	10	Middle Aged	Fair	No significant visible defects. Large deadwood. Poor form and shape.	Remove large deadwood.	20-40	**C**	1/2	10	**5.00** **-** **-**	79 - -
238	**Sycamore** *Acer pseudoplatanus*	11	293	1	4	1	1	3	Young	Good	No significant visible defects. Drawn up and leggy. Crown healthy.	No work required.	20-40	**C**	1/2	10	**2.93** **-** **-**	27 - -

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239	**Sycamore** *Acer pseudoplatanus*	12	600 (e)	1	4	1	3	1	Young	Good	Multi-stemmed from ground level. Drawn up and leggy. Poor form and shape.	No work required.	20-40	**C**	1/2	10	**6.00** -	113 -
240	**Goat Willow** *Salix caprea*	13	600 (e)	2	5	2	2	4	Middle Aged	Fair	Multi-stemmed from ground level. Several weak forks - moderate risk of failure.	Fell.	<10	**R**			- - -	- - -
241	**Common Alder** *Alnus glutinosa*	13	220	2	3	1	1	9	Young	Good	No significant visible defects. Crown healthy. Drawn up and leggy.	No work required.	40+	**B**	1/2	12	**2.64**	22
242	**Sycamore** *Acer pseudoplatanus*	8	191	2	5	2	3	2	Young	Poor	Extensive squirrel damage.	Fell.	<10	**R**			-	-
243	**Common Alder** *Alnus glutinosa*	12	175	1	1	1	2	10	Young	Good	No significant visible defects. Crown healthy. Drawn up and leggy.	No work required.	40+	**C**	1/2	12	**2.10** - -	14 - -
244	**Goat Willow** *Salix caprea*	10	800 (e)	4	2	3	2	3	Middle Aged	Fair	Multi-stemmed from ground level. Large deadwood. Drawn up.	Remove deadwood.	20-40	**C**	1/2	10	**8.00** - -	201 - -

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245	**Common Ash** *Fraxinus excelsior*	13	213	3	1	1	3	6	Young	Good	No significant visible defects. Crown healthy. Drawn up and leggy.	No work required.	40+	**C**	1/2	12	**2.56** **-**	21 -
246	**Common Alder** *Alnus glutinosa*	10	557	4	1	4	4	5	Mature	Fair	Areas of damage to the trunk. Slight sparsity of growth. Large deadwood.	Remove large deadwood.	20-40	**B**	1/2	12	**6.68** **-** **-**	140 - -
247	**Common Alder** *Alnus glutinosa*	10	500	1	4	4	4	6	Mature	Good	Large open cavity in the trunk. Poor form and shape. Large deadwood.	Fell.	<10	**R**			**-**	-
248	**Common Alder** *Alnus glutinosa*	13	923	4	6	3	5	7	Mature	Good	Twin stemmed from ground level. Large deadwood. Crown healthy.	Remove large deadwood.	20-40	**B**	1/2	10	**9.23**	268
249	**Common Alder** *Alnus glutinosa*	14	264	3	1	1	2	7	Young	Good	No significant visible defects. Crown healthy. Drawn up and leggy.	No work required.	40+	**C**	1/2	12	**3.17** **-** **-**	32 - -
250	**Common Ash** *Fraxinus excelsior*	14	260	1	4	2	4	8	Young	Good	Ivy to the trunk. Drawn up and leggy. Crown healthy.	No work required.	40+	**C**	1/2	12	**3.12** **-** **-**	31 - -

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251	**Sycamore** *Acer pseudoplatanus*	11	181	2	1	1	2	3	Young	Good	No significant visible defects. Crown healthy. Drawn up and leggy.	No work required.	40+	**C**	1/2	12	**2.18** **-**	15 -
252	**Goat Willow** *Salix caprea*	10	306	2	2	2	4	5	Young	Good	No significant visible defects. Crown healthy. Drawn up and leggy.	No work required.	40+	**C**	1/2	12	**3.67** **-** **-**	42 - -
253	**Common Alder** *Alnus glutinosa*	12	172	1	1	1	4	6	Young	Good	No significant visible defects. Crown healthy. Drawn up and leggy. Poor form and shape.	No work required.	20-40	**C**	1/2	10	**1.72**	9
254	**Common Alder** *Alnus glutinosa*	14	239	2	2	2	2	8	Young	Good	No significant visible defects. Crown healthy. Drawn up and leggy.	No work required.	40+	**C**	1/2	12	**2.86**	26
255	**Sycamore** *Acer pseudoplatanus*	12	175	1	1	1	1	5	Young	Good	No significant visible defects. Crown healthy. Drawn up and leggy.	No work required.	40+	**C**	1/2	12	**2.10** **-** **-**	14 - -
256	**Sycamore** *Acer pseudoplatanus*	8	140	1	1	1	1	3	Young	Fair	Twin stemmed from ground level. Sickly crown.	Fell.	<10	**R**			**-** **-** **-**	- - -

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257	**Sycamore** *Acer pseudoplatanus*	12	207	2	1	3	1	2	Young	Good	Climber to the trunk. Poor form and shape.	No work required.	20-40	**C**	1/2	12	**2.48** **-**	19 -
258	**Common Alder** *Alnus glutinosa*	12	216	2	1	1	4	2	Young	Good	No significant visible defects. Crown healthy. Drawn up and leggy.	No work required.	20-40	**C**	1/2	12	**2.60** **-** **-**	21 - -
259	**Elm** *Ulmus sp.*	8	170	1	1	1	1	3	Young	Dead		Fell.	0	**R**			**-**	-
260	**Common Alder** *Alnus glutinosa*	13	160	1	1	1	1	8	Young	Good	No significant visible defects. Crown healthy. Drawn up and leggy.	No work required.	20-40	**C**	1/2	12	**1.92**	12
261	**Common Ash** *Fraxinus excelsior*	14	360	4	3	2	5	1	Middle Aged	Fair	Extensive damage to branches. Major stem split out. Little potential.	Fell.	<10	**R**			**-** **-** **-**	- - -
262	**Sycamore** *Acer pseudoplatanus*	16	474	6	6	6	4	1	Middle Aged	Good	No significant visible defects. Crown healthy.	No work required.	40+	**B**	1/2	12	**5.69** **-** **-**	102 - -

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9. **Category Grading** refers to BS 5837:2005, Table 1 and refers to tree/group quality and value **'A' - High - (Green); 'B' - Moderate - (Blue); 'C' - Low - (Grey), 'R' - Remove (Red).**
10. **Sub Cat** refers to the retention criteria values, where 1 is Arboricultural, 2 is landscape and 3 is cultural, including conservation, historic and commemorative.
11. **Protection Multiplier** is 12 for single stemmed and 10 for multi-stemmed trees and is the number used to calculate the trees root protection radius and area.
12. **Root Protection Radius** is a radial distance measured from the trunk centre.
13. **Root Protection Area** is the minimum area in m^2 which should remain undisturbed.

Tree Survey Schedule

Marlow Consulting Ltd
T: 01562 820907

Site: **Adams Food Plant, Prince Street, Leek**

Date of Survey: 10th March 2010

Tree Tag No.	Species	Height	Trunk diam. at 1.5 m	Branch Spread N	S	E	W	Crown Clear.	Age Class	Physiol. Condition	Structural Condition	Preliminary Work Required	Est. Contrib. (years)	Category Grading	Sub Cat	Prot. Mult.	Root Protection Radius	Root Protection Area (m^2)
263	**Sycamore** *Acer pseudoplatanus*	13	700 (e)	1	3	2	1	3	Middle Aged	Good	Twin stemmed from ground level. Crown healthy.	No work required.	40+	**B**	1/2	10	**7.00** -	154 -
264	**Sycamore** *Acer pseudoplatanus*	6	150	1	2	0	2	1	Young	Good	No significant visible defects. Crown healthy. Suppressed by adjacent trees.	No work required.	10-20	**C**	1/2	12	**1.80** - -	10 - -
265	**Sycamore** *Acer pseudoplatanus*	7	110	2	1	2	2	2	Young	Fair	Moderate squirrel damage.	No work required.	10-20	**C**	1/2	12	**1.32**	5
266	**Sycamore** *Acer pseudoplatanus*	11	207	5	2	1	2	1	Young	Good	No significant visible defects. Crown healthy. Drawn up and leggy.	No work required.	20-40	**B**	1/2	12	**2.48**	19
267	**Sycamore** *Acer pseudoplatanus*	12	229	6	1	1	1	1	Young	Good	No significant visible defects. Crown healthy. Drawn up and leggy.	No work required.	20-40	**B**	1/2	12	**2.75** - -	24 - -
268	**Sycamore** *Acer pseudoplatanus*	14	341	7	1	1	1	4	Young	Good	No significant visible defects. Drawn up and leggy. Poor form and shape.	No work required.	40+	**B**	1/2	12	**4.09** - -	52 - -

Notes

1. **All dimensions are in metres, except stem diameter, which is in mm.**
2. **Species** - Common and Botanical names are given.
3. **Height** describes the approximate height of the tree above ground level.
4. **Trunk diameter** is the diameter of the trunk measured in millimetres at 1.5m above ground level for single stemmed trees or above the root flare for multi-stemmed trees. Trunk diameter may be estimated (indicated by an (e) under the dimension), where access is restricted or the trunk is covered in ivy.
5. The **Branch Spread** refers to the crown radius in metres from the centre of the trunk at the four cardinal points, which is estimated.
6. **Crown Clearance** is the approximate height in metres of branch clearance above adjacent ground level.
7. **Age Class, Physiological Condition, Structural Condition** and **Preliminary Work** Required are self explanatory.
8. **Estimated contribution** in years is the trees estimated remaining contribution in years.
9. **Category Grading** refers to BS 5837:2005, Table 1 and refers to tree/group quality and value **'A' - High - (Green); 'B' - Moderate - (Blue); 'C' - Low - (Grey), 'R' - Remove (Red).**
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Tree Survey Schedule

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Site: **Adams Food Plant, Prince Street, Leek**

10

Date of Survey: 10th March 2010

Tree Tag No.	Species	Height	Trunk diam. at 1.5 m	Branch Spread N	S	E	W	Crown Clear.	Age Class	Physiol. Condition	Structural Condition	Preliminary Work Required	Est. Contrib. (years)	Category Grading	Sub Cat	Prot. Mult.	Root Protection Radius	Root Protection Area (m^2)
269	**Sycamore** *Acer pseudoplatanus*	16	350	1	4	3	1	2	Young	Good	No significant visible defects. Drawn up and leggy. Poor form and shape. Large deadwood.	Remove large deadwood.	20-40	**B**	1/2	12	**4.20** **-**	55 -
270	**Sycamore** *Acer pseudoplatanus*	14	169	1	1	1	1	2	Young	Fair	Very drawn up. Very small crown.	No work required.	10-20	**C**	1/2	12	**2.02** **-** **-**	13 - -
271	**Sycamore** *Acer pseudoplatanus*	15	194	7	1	2	2	6	Young	Fair	No significant visible defects. Poor form and shape. Crown healthy.	No work required.	20-40	**B**	1/2	12	**2.33**	17
272	**Sycamore** *Acer pseudoplatanus*	15	525	2	6	3	4	1	Young	Good	Major weak fork at approx. 0.5m. Drawn up and leggy - little potential.	Fell.	<10	**R**			**-**	-
273	**Sycamore** *Acer pseudoplatanus*	12	600 (e)	5	4	1	4	3	Young	Fair	Large holes in the base. Poor form and shape.	Fell.	<10	**R**			**-** **-** **-**	- - -
274	**Goat Willow** *Salix caprea*	7	175	2	3	2	2	2	Young	Good	Multi-stemmed from ground level. Growing through the boundary fence - little potential.	Fell.	<10	**R**			**-** **-** **-**	- - -

Notes

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2. **Species** - Common and Botanical names are given.
3. **Height** describes the approximate height of the tree above ground level.
4. **Trunk diameter** is the diameter of the trunk measured in millimetres at 1.5m above ground level for single stemmed trees or above the root flare for multi-stemmed trees. Trunk diameter may be estimated (indicated by an (e) under the dimension), where access is restricted or the trunk is covered in ivy.
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