

SMD/2023/0132 – Development of Land at The Orchard, Springfield Drive, Leek

List of Trees for Retention or Removal FAO Chris Johnston and Steve Massey

The list is per the Arboricultural Report, which remains current and valid for the submitted scheme. It also reflects the Nov 22 site discussions with SM.

Tree Ref.	Species	Height	Stem Diameter	Branch Spread				Crown Clearance	FSB Height + Direction	Life Stage	Phys. Condition	Structural Condition	Recommendations	Estimated Remaining Contribution	Category Grading	RPA Radius
				N	S	E	W									
T1	Aesculus hippocastanum (Horse Chestnut)	8	400	3	3	3	3	2	2.5(E)	M	Fair	Pollard.	No work required.	10+	C1	4.8
T2	Aesculus hippocastanum (Horse Chestnut)	8	430	3	3	3	3	2	2.5(N)	M	Fair	Pollard.	No work required.	10+	C1	5.16
T3	Tilia X europaea (Common Lime)	16	540	6	7	6	6.5	3	2(E)	M	Good	Major deadwood in crown. Low branches over road.	Remove major deadwood. Crown lift to 5m over road.	40+	A1	6.48
T4	Fraxinus excelsior (Ash)	16	670	6	7	6	9	2	3.5(W)	M	Fair	Damage to buttress roots. Decay present at base. Dieback in crown. Major deadwood in crown.	Monitor. Re-inspect in 12 months. Remove major deadwood.	10+	C1	8.04
T5	Tilia X europaea (Common Lime)	14	460	5	5	5	5	3	2(NE)	M	Fair	Dieback in crown. Major deadwood in crown.	Remove major deadwood.	20+	B1	5.52
T6	Malus sylvestris (Crab Apple)	5	180,190	3	3	2	2	1	1(W)	M	Fair	Decay present at base.	No work required.	<10	U	3.14
T7	Prunus cerasifera 'Pissardii' (Purple Leaved Plum)	6	160	2	3	3	2	0.5	0.5(E)	M	Fair	Poor shape/form. Decay present in stem.	No work required.	<10	U	1.92
T8	Acer platanoides 'Crimson King' (Norway Maple 'Crimson King')	7	120	1	2.5	2	2	2	2(S)	SM	Good		No work required.	10+	C1	1.44
T9	Tilia X europaea (Common Lime)	14	450	4	3	5	3	3	1.5(W)	M	Fair	Dieback in crown. Low bud/leaf density. Major deadwood in crown.	Monitor. Re-inspect in 12 months.	10+	C1	5.4

Not in Site

Not in Site

Retain

Retain

Retain

Remove

Remove

Remove

Remove

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T10	Tilia X europaea (Common Lime)	15	450	3	6	6	5	2	2.5(S)	M	Good	Major deadwood in crown. Crown distorted due to group pressure.	Remove major deadwood.	20+	B1	5.4
T11	Tilia X europaea (Common Lime)	15	480	4	6	4	5	1	1(E)	M	Good	Major deadwood in crown. Crown distorted due to group pressure.	Remove major deadwood.	20+	B1	5.76
T12	Betula pendula (Silver Birch)	15	370	2	6	4	4	4	4(S)	M	Fair	Crown distorted due to group pressure.	No work required.	20+	B1	4.44
T13	Quercus robur (Common Oak)	12	350	6	6	3	6	1	3(NW)	M	Fair	Major deadwood in crown. Crown distorted due to group pressure.	Remove major deadwood.	20+	B1	4.2
T14	Picea abies (Norway Spruce)	16	460	4	4	4	4	2.5	3(S)	M	Fair	Included bark present in fork. Weak fork. Major deadwood in crown.	Remove tree.	<10	U	5.52
T15	Chamaecyparis lawsoniana (Lawson Cypress)	14	440	3	3	3	3	0.5	0.5(S)	M	Fair	Included bark present in fork. Multiple stems above 1.5m.	Remove tree.	<10	U	5.28
T16	Acer platanoides (Norway Maple)	12	230	1	5	5	3	2.5	1(S)	M	Fair	Low bud/leaf density. Crown distorted due to group pressure.	No work required.	10+	C1	2.76

Retain

Remove

Retain

Retain

Retain

Retain reduce height or replant

Retain prune

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				N	S	E	W									
T17	Chamaecyparis lawsoniana (Lawson Cypress)	14	500	3	3	3	3	0.5	0.5(S)	M	Fair	Included bark present in fork. Multiple stems above 1.5m.	Remove tree.	<10	U	6
T18	Acer platanoides 'Crimson King' (Norway Maple 'Crimson King')	12	260	2	6	4	2	3	0.5(S)	M	Fair	Low bud/leaf density. Crown distorted due to group pressure.	No work required.	10+	C1	3.12
T19	Chamaecyparis lawsoniana (Lawson Cypress)	14	300	3	3	3	3	0.5	0.5(S)	M	Fair	Included bark present in fork. Multiple stems above 1.5m.	Remove tree.	<10	U	3.6
T20	Chamaecyparis lawsoniana (Lawson Cypress)	14	350	3	3	3	3	0.5	0.5(S)	M	Fair	Included bark present in fork. Multiple stems above 1.5m.	Remove tree.	<10	U	4.2
T21	Quercus robur (Common Oak)	16	1000	7	8	6	7	4	4(E)	M	Good	Minor deadwood in crown.	No work required.	40+	A1	12
T22	Chamaecyparis lawsoniana (Lawson Cypress)	14	480	3	3	3	3	0.5	0.5(S)	M	Fair	Included bark present in fork. Multiple stems above 1.5m.	Remove tree.	<10	U	5.76
T23	Chamaecyparis lawsoniana (Lawson Cypress)	14	270	2.5	2.5	2.5	2.5	0.5	0.5(S)	M	Fair	Included bark present in fork. Multiple stems above 1.5m.	Remove tree.	<10	U	3.24
T24	Chamaecyparis lawsoniana (Lawson Cypress)	14	180	2	2	2	2	0.5	0.5(S)	M	Fair	Included bark present in fork. Multiple stems above 1.5m.	Remove tree.	<10	U	2.16
T25	Fagus sylvatica (Beech)	18	980	7	9	7	4	4	3(E)	M	Fair	Included bark present in fork. Weak fork. Unbalanced crown shape.	Fell tree on the grounds of safety.	10+	C1	11.52
T26	Fagus sylvatica (Beech)	15	450	5	6	6	5	4	3(SE)	M	Dead	Dead.	Fell tree on the grounds of safety.	<10	U	5.4

Retain reduce height or replant

Retain prune

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Retain

Retain reduce height

Retain reduce height

Retain reduce height

Retain

Remove

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T27	Fagus sylvatica (Beech)	16	500	7	7	4	4	2	3(S)	M	Good	Crown distorted due to group pressure.	No work required.	10+	C1	6
T28	Fagus sylvatica (Beech)	15	450	5	5	7	4	2	1(SE)	M	Good	Crown distorted due to group pressure.	No work required.	10+	C1	5.4
T29	Malus (Apple)	5	250	2	3	3	2	1.5	1(SE)	M	Fair		No work required.	10+	C1	3
T30	Prunus serrulata (Flowering Cherry)	6	280	2	3	3	2.5	1.5	1(E)	M	Poor	Decay present in stem. Weak fork. Dieback in crown.	Remove tree.	<10	U	3.36
T31	Prunus domestica (Damson)	6	240	3	3	2	3	1.5	1(E)	M	Poor	Decay present in stem. Hanging branch/es in crown. Weak fork. Dieback in crown. Broken branch/es in crown.	Fell tree on the grounds of safety.	<10	U	2.88
G1	Chamaecyparis lawsoniana (Lawson Cypress), Chamaecyparis pisifera (Sawara Cypress), Abies alba (Common Silver Fir)	10	300	3	3	3	3	0.5	0.5(N)	M	Fair	Poor shape/form. Major deadwood in crown.	No work required.	10+	C1	3.6

Retain

Retain

Retain

Retain

Retain

Remove

