

The Ridgeway Primary School

Appendix B BS 5837: 2012 Tree Schedule

Tree/ Group No.	Species	Height (m)	Stem Diam. at 1.5m (mm)	Branch Spread (m)				Canopy Cleara- -nce (m)	Age Class	Observations	Management Recommendations	Estimated Remaining Contribution (years)	BS 5837 Category Grading	Protect- -ion Distnce (m)	Tree Protect. Area (m2)
				N	S	E	W								
T2	Oak	12	540	4	4	6	7	2.5	Early mature	Reasonable form and structure - good potential		>40	A-B2	6.5	132
G3	Ash/Oak	2 - 8	25 - 300					0.2	Semi- mature	Closely spaced trees. Occasional thorn. Ash with ash dieback disease. Ivy.		15-30	B-C2	3.6	41
G7	Hedgerow	2 - 3.5	25 - 75					0.3	Early mature	Blackthorn and bramble outside fence.		10-20	C2	0.9	3
G8	Hybrid poplar	19 - 23	300 - 580					1.7	Early mature	Planted at approximately 3m spacing along boundary. Overhanging up to 4m into site. Ivy over stems and bramble around bases of some. Surface roots. Signs of root damage to tarmac surface sports pitch. Ground level significantly raised to north side of tree stems at eastern end of line.	Remove section of ivy from tree bases.	15-30	B-C2	7.0	152
T9	Oak	9	310	3.5	4	4	4	1.5	Semi- mature	Growing outside boundary fence. Twin stem at 1.5m - 200 & 240mm. Good vitality.		20-40	B2	3.7	43
G10	Hybrid poplar	15 - 17	350 - 500					0.6	Early mature	Planted at approximately 3m spacing along boundary. Overhanging up to 5m into site. Drought stressed. Surface roots with abrasion damage. Dense ivy.	Remove section of ivy from tree bases.	15-30	B-C2	6.0	113
T11	Hybrid poplar	19.5	650	7	7	7.5	7	0.3	Early mature	Reasonable form and structure. Stem bifurcates at 8m. Drought stressed. Basal growth.	Remove basal growth.	20-40	B2	7.8	191
G12	3no. Lombardy poplar/1no. Hybrid poplar	13 - 15	140 - 210	1	1	1	1	0.5	Semi- mature	Good form and structure. Surface roots with abrasion damage. Ivy over stems.	Lift cutting height of mowing machinery.	15-30	B-C2	2.5	20
G13	Hybrid poplar	22.5 - 30	350 - 600					1.7	Early mature	Planted at approximately 3m spacing along boundary. Overhanging up to 4m into site. Surface roots with abrasion damage - some with decay in larger wounds.	Lift cutting height of mowing machinery.	15-30	B-C2	7.2	163
G17	Oak	5.5 - 8.5	180 - 350					0.2	Young	Dense area of trees. Squirrel damage. Good vitality.		>40	B2	4.2	55
G18	Copse	4 - 12	50 - 280					1	Young/ Semi- mature	Majority oak, with occasional ash, birch and poplar. Occasional dead trees. Some drought stressed.		>40	B-C2	3.4	35
T22	Swedish whitebeam	8	450	4.5	3.5	5	4.5	1.3	Mature	Two stems from 0.7m, with five at 1.5m, average 200mm. Multiple low limbs removed with pruning wounds unoccluded. Areas of basal decay, north side. Attractive tree		10-20	C2	5.4	92

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				N	S	E	W								
T23	Oak	13	600	7	7.5	7	6.5	1.2	Semi- mature	Mult stem above 1.8m. Good crown shape. Good vitality. Good potential. Surface roots.	Apply bark mulch over rooting area to alleviate compaction.	>40	A-B2	7.2	163
T26	Swedish whitebeam	8	460	4.5	4.5	4.5	4.5	1.5	Mature	Good form and structure. Mult stem above 1m. Becoming suppressed by adjacent goat willow.	Cut back goat willow.	20-40	B2	5.5	96
T36	Pear	6.5	170	1	1.5	1.2	1.2	1.3	Semi- mature	Four-way fork at 1.3m - stems 40, 50, 70 & 140mm.		20-40	C2	2.0	13
T37	Cherry	2	50	0.5	1	1	1	1.5	Young	Low quality. Basal growth. Drought stressed.	Remove basal growth.	10-20	C2	0.6	1
T39	Cherry	8	260	3	4	3.5	3	1.5	Young	Three stems at 1.5m - 130, 140 & 170mm.		15-30	C2	3.1	31
T40	Oak	14	1550	10	8	12	11	3	Veteran	Heavily reduced to south, cut back from car park edge. Tear out wounds where stems have broken out from 3m and 4m. Old pruning wounds, some fully occluded. Crown reduced to northeast, leaving gap. Good vitality. Rubbish and spoil in area close to base. Tree with high landscape, conservation and amenity value.	Remove rubbish and spoil from rooting area, carefully re-instating ground level.	>40	A2-3	15.0	707
T41	Yew	5	220	3	3.5	2	2.5	0.6	Semi- mature	Twin stem from base - 90 and 200mm		20-40	B-C2	2.6	22
G42	Thorn	3-6	70 - 150					0.9	Semi- mature	Majority thorn, with occasional willow and holly.		15-30	B-C2	1.8	10
G43	Western red cedar/ Leyland cypress	13.5 - 18	150-250					2	Early mature	Tightly spaced trees, growing in adjacent property. Leyland cypress growing vigorously. Western red cedar, at southern end, all declining.		15-30	B-C2	3.0	28
T45	Oak	10.5	1165	2.5	4	6	5	3.5	Mature	Heavily reduced. Three stems from wide base - 590, 710 & 710mm. Area between southeastern and central stem decaying and hollow on resonant hammering but stems appear sound. Surrounded by tarmac. Feature tree with good vitality. Potential veteran.	Carry out internal decay detection test to assess extent of decay. Carefully remove tarmac from immediately around base to allow for stem growth.	>40	A2	14.0	614
T50	Pear	8.5	400	4.5	3.5	3	2	2.5	Early mature	Twin stem from 0.5m - 270 & 300mm. Tight fork. Leaning to east. Tarmac around base. Ivy growing through from adjacent fence.	Sever ivy.	15-30	B-C2	4.8	72
T53	Lawson cypress	8.5	200	1	1	1	1	5	Semi- mature	Low branches removed leaving spindly tree with 'lollipop' crown.		5-15	C2	2.4	18

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				N	S	E	W								
T71	Oak	15.5	est 430	5	3.5	4	6	2.5	Early mature	Good quality tree, with potential for the future. In bramble with ivy over stem - base not inspected. Epicomic Growth. Good vitality.	Remove section of ivy from base.	>40	A-B2	5.2	84
T72	Thorn	4.5	100	1	1	1	1	1.5	Semi- mature	Two stems from 0.7m - 60 & 80mm.		10-20	C2	1.2	5
T76	Ash	6	est 450	1	1	1	1	1	Early mature	Topped at approx 1.2m, with fresh growth above. Ivy over base.		5-15	C2	5.4	92
T77	Oak	12.5	650	11	5	6	5	2.5	Early mature	Good form and structure. Minor deadwood.		>40	A-B2	7.8	191
T78	Thorn	4	160	1.5	1.5	1.5	1.5	0.3	Early mature	Three stems from base - average 90mm. Dense ivy.	Clear bramble and ivy from base.	15-30	B-C2	1.9	12
T79	Ash	5	150	1	1.5	3.5	0	1	Semi- mature	Leaning, bent stem. Dieback throughout crown.		<10	U	1.8	10
T116	Horse chestnut	12.5	est 760	8	8.5	10	7	1	Mature	Multiple stems from 2.5m to 3.5m. Crown reduced west side over access road. Foliage severely damaged by leaf miner. Fruiting well. Deadwood of up to 200mm diameter. Truncated dead branch to south at 2m. Some pockets of decay in pruning wounds to north. A fine feature tree providing good amenity value. Ivy over stem and in dense vegetation - base not inspected.	Remove section of ivy from base.	20-40	A-B2	0.0	0
T117	Birch	10.5	410	3.5	3.5	3	3.5	2.5	Mature	Two stems from 1.6m. Lower branches removed. Dying back with deadwood throughout crown.	Remove within next two years.	<10	U	4.9	76
G118	Hombeam	1.5 - 7	10 - 70					1	Young	Hedge interplanted with fastigate trees.		20-40	C2	0.8	2
G119	Golden gage/Cherry	5.5	est 280					2	Early mature/ Mature	Growing in adjacent property - no clear view. Extending up to 1.5m over site. Fruiting well.		15-30	B-C2	3.4	35
G120	Ash/Thorn	8	est 250	3.5	3	3	4	2	Early mature	Growing together in adjacent property - bases not inspected and limited views. Ash with low vigour. Telecoms line through edge of crown.		15-30	B-C2	3.0	28
G121	Ash/Oak	5 - 8	75 - 180					2	Semi- mature	Scattered trees outside fence, including some self set ash with stems embedded in chainlink.	Remove ash to prevent damage to boundary fence.	15-30	C2	2.2	15
T122	Sweet gum	6	90	2.5	1	1.5	2.5	2	Young	In astro turf area. Partially suppressed by T2 with insufficient space to develop in such close proximity. Drought stressed.		15-30	C2	1.1	4
T123	Birch	7	95	2	1	1	1.5	1.2	Young	Reasonable tree.		20-40	C2	1.1	4

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T124	Birch	8	100	1.5	1	1.5	2	1.2	Young	Completely desiccated but may recover. Stem kinked at 4m.	Re-inspect next growing season.	20-40	C2	1.2	5
T125	Oak	7	160	3.5	2.5	3	3	1.2	Young	Good form and structure. Good potential.		>40	C2	1.9	12
T126	Birch	6	90	2	1.5	1.2	1	0	Young	Completely desiccated but may recover.	Re-inspect next growing season.	20-40	C2	1.1	4
T127	Thorn	5	110	2.5	2.5	2	2	0	Semi-mature	Bushy tree. Basal growth.	Remove stake and tie.	15-30	C2	1.3	5
T128	Oak	4	100	2	1.5	1.5	1.5	1.2	Young	Basal bark wounds - almost occluded.		20-40	C2	1.2	5
G129	Hazel	1 - 4	10 - 60					0	Young	Line of multi stem shrubs. Smaller, more recently planted at eastern end of line.		15-30	C2	0.7	2
G130	Birch	1.5 - 6	10 - 60					0	Young	Line of four young trees, with two saplings at western end of line. Feathered trees.		20-40	C2	0.7	2
T131	Sweet gum	7.5	140	2	2	2	2	1.8	Semi-mature	Good form and structure. Good vitality. Good potential. In area of hard surfacing - resin bonded surface cracked and lifting from four corners of tree grille.		>40	C2	1.7	9
T132	Callery pear	7	140	1	1	2	1.5	2	Semi-mature	On mound with astro turf around base. Only moderate vigour.		20-40	C2	1.7	9
T133	Callery pear	6.5	140	1.5	1.2	1.2	1.2	2	Semi-mature	On mound with astro turf around base. Only moderate vigour.		20-40	C2	1.7	9
T134	Callery pear	6	120	1.5	1	1.2	1.2	2	Semi-mature	On mound with astro turf around base. Only moderate vigour.		20-40	C2	1.4	7
T135	Callery pear	6	130	1.5	1.2	1.2	2	2	Semi-mature	Only moderate vigour. Basal growth. In area of compacted ground.	Remove basal growth. Alleviate ground compaction and apply mulch.	20-40	C2	1.6	8
T136	Callery pear	5	90	1.2	1	1	1	1.8	Semi-mature	Low vigour. Tip dead. In area of compacted ground.	Alleviate ground compaction and apply mulch.	20-40	C2	1.1	4
G137	Shrubs	0.5 - 2	10 - 50					0	Semi-mature	Species including ceanothus, thorn, blackthorn, hazel and hombeam.		5-15	C2	0.6	1
T138	Silver maple	6	110	2	1.5	2.5	1.2	1.5	Semi-mature	Three-way fork at 3m. Asymmetric crown. Large growing tree. Good vitality.		20-40	C2	1.3	5

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				N	S	E	W								
G139	Mixed species	4 - 18.5	75 - 800					1	Young-Mature	Area of trees and dense undergrowth - no access to survey. Species including oak, false acacia, goat willow, hybrid poplar, thorn and ash. Bramble, nettles and ivy. Shrub prunings and garden waste. Large hybrid poplar trees close to boundary.		15-30	B-C2	3.6	41
T140	Cherry	5	70	0	1.5	0	3	1.5	Young	Asymmetric crown swept to southwest. Purple foliage. Drought stressed. Basal growth.	Remove basal growth.	10-20	C2	0.8	2
T141	Cherry	3.5	60	1	2	1	1	1.8	Young	In raised planter.		15-30	C2	0.7	2
T142	Grey willow	4.5	130	3	2.5	2.5	2	1.8	Semi-mature	Leader missing. Basal growth. Large surface root. Unsustainable in planter.	Remove and provide replacement tree.	5-15	C2	1.6	8
T143	Callery pear	5.5	90	1.5	1.2	1.2	1.2	2	Semi-mature	in raised planter. Drought stressed. Reasonable vigour.		15-30	C2	1.1	4
T144	Cherry	5.5	120	2.5	2.5	2.5	2.5	2.5	Semi-mature	In raised planter. Vigorous tree - unsustainable in restricted space. Small whips of oak, field maple and thorn.	Remove and provide replacement tree.	15-30	C2	1.4	7
T145	Hombeam	5	80	1	1	1	1	1	Young	Fastigate tree. Good vitality. Good potential. Bark wound at 0.5m to north - callusing.		20-40	C2	1.0	3
G146	Hombeam	3.5	60	0.7	0.5	0.5	0.5	1.2	Young	Drought stressed. Large bark wound at 0.5m to west. Low quality.		5-15	C2	0.7	2
G147	Fruit trees	2 - 5.5	50 - 140					1	Young	Apple, cherry, pear, plum, and quince. Some of poor form. Most drought stressed. Some damage to stems.		10-20	C2	1.7	9
T148	Willow	3 - 7	50 - 250					0.3	Young-Semi-mature	Line of closely spaced trees. All previously reduced to 1.5-2m. Poor form and structure. Damaged stems. Good vigour.		5-15	C2	3.0	28
T149	Hybrid poplar	15	200	1.5	2	2	1	1.2	Semi-mature	Large buttress roots with abrasion damage.	Raise cutting height of mowing machinery.	15-30	B-C2	2.4	18
G150	3no. Hybrid poplar	12 - 14	90 - 170					1.2	Young-Semi-mature	Surface roots with abrasion damage.	Raise cutting height of mowing machinery.	15-30	B-C2	2.0	13
G151	Mixed species	2 - 13	50 - 250					2	Young-Early mature	Outside western boundary fence. Species including elm, thorn and hybrid poplar. Dense bramble, ivy and honeysuckle. Low quality but providing screening. Some dead and dying trees.		10-20	C2	3.0	28

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				N	S	E	W								
T152	Cherry	9	est 420	8	2.5	3.5	4	3.5	Over mature	Growing in adjacent property - no clear view - all dimensions estimated. Wide spreading crown. Almost dead. Majority of live foliage to north, and dead to south and west. Stem leaning to north.		<10	U	5.0	80