

BS5837 Report

Calandre Orton
The Middle House

Retention Category	No. trees
A	4
B	6
C	16
U	5
Total	31

Rem. Contrib.	No. trees
Dead	2
<10 years	3
10+ Years	2
20+ Years	8
30+ Years	7
40+ Years	9



Ref.	Species	Full Structure	Measurements	Retention Category	RPA	Comments	Measurements2	Recommendations
T001	Pedunculate oak (<i>Quercus robur</i>)	Tree	Height (m): 19 Stem Diam(mm): 830 Spread (m): 7N, 7E, 7S, 7W Lowest Branch (m): 6(NE) Life Stage: Mature Rem. Contrib.: 40+ Years	A	Radius: 10.0m. Area: 314 sq m.	A single-stemmed specimen exhibiting good overall form and balanced crown structure. Well developed buttresses.	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T002	Pedunculate oak (<i>Quercus robur</i>)	Tree	Height (m): 20 Stem Diam(mm): 840 Spread (m): 6N, 7E, 6S, 7W Lowest Branch (m): 7(SE) Life Stage: Mature Rem. Contrib.: 40+ Years	A	Radius: 10.1m. Area: 320 sq m.	Major deadwood is present but appears stable. The tree has an upright growth habit and displays good overall form and structural integrity.	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T003	Pedunculate oak (<i>Quercus robur</i>)	Tree	Height (m): 14 Stem Diam(mm): 210 Spread (m): 1N, 0.5E, 3S, 3W Lowest Branch (m): 6(S) Life Stage: Young Rem. Contrib.: 40+ Years	C	Radius: 2.5m. Area: 20 sq m.	The tree has a drawn-up form due to shading and competition from nearby trees.	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T004	Pedunculate oak (<i>Quercus robur</i>)	Tree	Height (m): 20 Stem Diam(mm): 830 Spread (m): 7N, 7E, 7S, 7W Lowest Branch (m): 6(S) Life Stage: Mature Rem. Contrib.: 40+ Years	A	Radius: 10.0m. Area: 314 sq m.	Prominent buttress formation at the base. Main stem bifurcates at approximately 10 metres in height. A woodpecker hole is visible in the upper crown.	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T005	Pedunculate oak (<i>Quercus robur</i>)	Tree	Height (m): 12 Stem Diam(mm): 340 Spread (m): 6N, 5E, 5S, 5W Lowest Branch (m): 6(N) Life Stage: Young Rem. Contrib.: 40+ Years	B	Radius: 4.1m. Area: 53 sq m.	Historically a twin-stemmed tree from ground level; the northern stem has been removed, leaving a 200mm high stump that is now naturally decaying.	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T006	Goat willow (<i>Salix caprea</i>)	Tree	Height (m): 9 Stem Diam(mm): 120 Spread (m): 2N, 2E, 2S, 2W Lowest Branch (m): 0.5(N) Life Stage: Young Rem. Contrib.: 20+ Years	C	Radius: 1.4m. Area: 6 sq m.	The main stem bifurcates at approximately 200mm above ground level, with stem occlusion forming up to a height of 1.2 metres.	Physiological Condition: Fair Structural Condition: Fair Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.

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T007	Goat willow (<i>Salix caprea</i>)	Tree	Height (m): 9 Stem Diam(mm): 140 Spread (m): 3N, 3E, 3S, 3W Lowest Branch (m): 1(NE) Life Stage: Young Rem. Contrib.: 20+ Years	C	Radius: 1.7m. Area: 9 sq m.	The main stem trifurcates at ground level.	Physiological Condition: Fair Structural Condition: Fair Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T008	Silver birch (<i>Betula pendula</i>)	Tree	Height (m): 10 Stem Diam(mm): 230 Spread (m): 3N, 2E, 2S, 2W Lowest Branch (m): 2(W) Life Stage: Semi Mature Rem. Contrib.: 40+ Years	C	Radius: 2.8m. Area: 25 sq m.	The lower crown is suppressed due to competition from adjacent trees.	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T009	Goat willow (<i>Salix caprea</i>)	Tree	Height (m): 9 Stem Diam(mm): 140 Spread (m): 2N, 5E, 2S, 4.5W Lowest Branch (m): 2(E) Life Stage: Young Rem. Contrib.: 20+ Years	C	Radius: 1.7m. Area: 9 sq m.	The main stem bifurcates at approximately 500mm above ground level, with crown development to the east and west suppressed by adjacent trees. The eastern stem has been historically pruned back to the fence line, but the crown has since re-established, now extending approximately 5 metres.	Physiological Condition: Good Structural Condition: Fair Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T010	Goat willow (<i>Salix caprea</i>)	Tree	Height (m): 12 Stem Diam(mm): 440 Spread (m): 4.5N, 4.5E, 4S, 3W Lowest Branch (m): 1.5(SE) Life Stage: Mature Rem. Contrib.: 20+ Years	B	Radius: 5.3m. Area: 88 sq m.	The tree is mutually suppressed by adjacent trees. An included union at approximately 2 metres height shows no signs of separation. Shallow surface roots are visible extending to the west.	Physiological Condition: Good Structural Condition: Fair Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T011	Corkscrew willow (<i>Salix matsudana</i> 'Tortuosa')	Tree	Height (m): 9 Stem Diam(mm): 110 Spread (m): 2N, 2E, 2S, 1W Lowest Branch (m): 2.5(S) Life Stage: Young Rem. Contrib.: 20+ Years	C	Radius: 1.3m. Area: 5 sq m.	The main stem bifurcates at approximately 400mm above ground level.	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T012	Pedunculate oak (<i>Quercus robur</i>)	Tree	Height (m): 6 Stem Diam(mm): 140 Spread (m): 1N, 3E, 5S, 3W Lowest Branch (m): 1(S) Life Stage: Young Rem. Contrib.: 40+ Years	C	Radius: 1.7m. Area: 9 sq m.	Significantly suppressed by adjacent trees.	Physiological Condition: Good Structural Condition: Fair Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T013	Pedunculate oak (<i>Quercus robur</i>)	Tree	Height (m): 18 Stem Diam(mm): 770 Spread (m): 6N, 6E, 6S, 6W Lowest Branch (m): 3(W) Life Stage: Mature Rem. Contrib.: 40+ Years	A	Radius: 9.2m. Area: 266 sq m.	The main stem and crown are heavily covered in ivy. Minor deadwood is present but remains stable.	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.

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T014	Common lime (<i>Tilia x vulgaris</i>)	Tree	Height (m): 10 Stem Diam(mm): 190 Spread (m): 4.5N, 4.5E, 4.5S, 4.5W Lowest Branch (m): 0.5(M) Life Stage: Semi Mature Rem. Contrib.: 20+ Years	C	Radius: 2.3m. Area: 17 sq m.	Multi-stemmed from ground level, exhibiting prolific epicormic regrowth.	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T015	Common lime (<i>Tilia x vulgaris</i>)	Tree	Height (m): 12 Stem Diam(mm): 240 Spread (m): 4.5N, 4.5E, 4.5S, 4.5W Lowest Branch (m): 0.5(M) Life Stage: Semi Mature Rem. Contrib.: 20+ Years	C	Radius: 2.9m. Area: 26 sq m.	Multi-stemmed from ground level, exhibiting prolific epicormic regrowth. Apical dieback is evident on the dominant stem within the group.	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T016	Horse chestnut (<i>Aesculus hippocastanum</i>)	Tree	Height (m): 19 Stem Diam(mm): 710 Spread (m): 7N, 5E, 7S, 4W Lowest Branch (m): 5(NW) Life Stage: Mature Rem. Contrib.: 30+ Years	B	Radius: 8.5m. Area: 227 sq m.	Prominent buttress formation at the base. The main stem bifurcates at approximately 7 metres in height, supporting heavily loaded limbs extending to the north and south. Evidence of previous branch failure is present within the crown.	Physiological Condition: Good Structural Condition: Fair Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T017	Portugal laurel (<i>Prunus lusitanica</i>)	Tree	Height (m): 8 Stem Diam(mm): 250 Spread (m): 2.5N, 2.5E, 2.5S, 2.5W Lowest Branch (m): 1(S) Life Stage: Mature Rem. Contrib.: <10 years	U	Radius: 3.0m. Area: 28 sq m.	The upper crown shows significant signs of decline.	Physiological Condition: Poor Structural Condition: Fair Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	Remove tree.
T018	Common lime (<i>Tilia x vulgaris</i>)	Tree	Height (m): 12 Stem Diam(mm): 120 Spread (m): 3N, 3E, 3S, 3W Lowest Branch (m): 2(S) Life Stage: Young Rem. Contrib.: 10+ Years	C	Radius: 1.4m. Area: 6 sq m.	Three stems arise from ground level, originating from a previously felled tree.	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T019	Horse chestnut (<i>Aesculus hippocastanum</i>)	Tree	Height (m): 18 Stem Diam(mm): 840 Spread (m): 10N, 8E, 8S, 4W Lowest Branch (m): 6(E) Life Stage: Mature Rem. Contrib.: 30+ Years	B	Radius: 10.1m. Area: 320 sq m.	The stem leans to the northeast, supporting a mature, compact crown predominantly oriented to the east. Historic branch tears have left wounds on the primary scaffold limbs.	Physiological Condition: Fair Structural Condition: Fair Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T020	Box (<i>Buxus sp.</i>)	Tree	Height (m): 4 Stem Diam(mm): 150 Spread (m): 2N, 2E, 2S, 2W Lowest Branch (m): 1(M) Life Stage: Mature Rem. Contrib.: 10+ Years	C	Radius: 1.8m. Area: 10 sq m.	Two mature stems exhibiting apical dieback.	Physiological Condition: Fair Structural Condition: Fair Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.

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T021	Common ash (<i>Fraxinus excelsior</i>)	Tree	Height (m): 9 Stem Diam(mm): 80 Spread (m): 0.5N, 0.5E, 0.5S, 0.5W Lowest Branch (m): 5(S) Life Stage: Dead	U	Radius: 1.0m. Area: 3 sq m.	Standing dead tree, likely affected by advanced stages of Ash dieback.	Physiological Condition: Poor Structural Condition: Poor Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	Remove tree.
T022	Horse chestnut (<i>Aesculus hippocastanum</i>)	Tree	Height (m): 14 Stem Diam(mm): 330 Spread (m): 1N, 5E, 7S, 5W Lowest Branch (m): 2(SW) Life Stage: Semi Mature Rem. Contrib.: 30+ Years	C	Radius: 4.0m. Area: 50 sq m.	Prominent buttress formation at the base. The tree is significantly suppressed by adjacent trees, with the crown predominantly biased towards the southwest.	Physiological Condition: Good Structural Condition: Fair Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T023	Horse chestnut (<i>Aesculus hippocastanum</i>)	Tree	Height (m): 16 Stem Diam(mm): 620 Spread (m): 5N, 5E, 5S, 5W Lowest Branch (m): 1(NE) Life Stage: Mature Rem. Contrib.: 30+ Years	B	Radius: 7.4m. Area: 172 sq m.	An almost fully occluded cavity is present at approximately 3 metres height, with cavity depth unknown. The main stem bifurcates at around 4 metres height. There is excessive ivy coverage on the main stem extending into the crown.	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T024	Common ash (<i>Fraxinus excelsior</i>)	Tree	Height (m): 14 Stem Diam(mm): 120 Spread (m): 1.5N, 1.5E, 1.5S, 1.5W Lowest Branch (m): 5(E) Life Stage: Young Rem. Contrib.: <10 years	U	Radius: 1.4m. Area: 6 sq m.	The tree is exhibiting advanced stages of Ash dieback.	Physiological Condition: Poor Structural Condition: Poor Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	Remove tree.
T025	Common ash (<i>Fraxinus excelsior</i>)	Tree	Height (m): 15 Stem Diam(mm): 200 Spread (m): 3N, 3E, 3S, 3W Lowest Branch (m): 5(E) Life Stage: Young Rem. Contrib.: <10 years	U	Radius: 2.4m. Area: 18 sq m.	Twin-stemmed from ground level, exhibiting advanced stages of Ash dieback.	Physiological Condition: Poor Structural Condition: Poor Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	Remove tree.
T026	Horse chestnut (<i>Aesculus hippocastanum</i>)	Tree	Height (m): 10 Stem Diam(mm): 250 Spread (m): 3N, 2E, 1.5S, 2W Lowest Branch (m): 2(N) Life Stage: Young Rem. Contrib.: 30+ Years	C	Radius: 3.0m. Area: 28 sq m.	Ivy is establishing on the main stem.	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T027	Horse chestnut (<i>Aesculus hippocastanum</i>)	Tree	Height (m): 16 Stem Diam(mm): 440 Spread (m): 4N, 5E, 5S, 4W Lowest Branch (m): 2(NE) Life Stage: Semi Mature Rem. Contrib.: 30+ Years	B	Radius: 5.3m. Area: 88 sq m.	The tree exhibits a minor lean to the southeast and was historically suppressed by a now felled adjacent tree.	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T028	Horse chestnut (<i>Aesculus hippocastanum</i>)	Tree	Height (m): 12 Stem Diam(mm): 150 Spread (m): 3N, 2E, 1S, 2W Lowest Branch (m): 4(N) Life Stage: Young Rem. Contrib.: 40+ Years	C	Radius: 1.8m. Area: 10 sq m.	Young tree, likely self-sown, growing within brambles.	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.

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T029	Common holly (<i>Ilex aquifolium</i>)	Tree	Height (m): 12 Stem Diam(mm): 300 Spread (m): 3N, 3E, 3S, 3W Lowest Branch (m): 1(M) Life Stage: Mature Rem. Contrib.: 20+ Years	C	Radius: 3.6m. Area: 41 sq m.	Four upright stems emerge from approximately 1.2 metres height. The upper crown is becoming sparse.	Physiological Condition: Fair Structural Condition: Fair Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T030	Silver birch (<i>Betula pendula</i>)	Tree	Height (m): 6 Stem Diam(mm): 80 Spread (m): 2N, 2E, 1S, 2W Lowest Branch (m): 4(N) Life Stage: Young Rem. Contrib.: 30+ Years	C	Radius: 1.0m. Area: 3 sq m.	Suppressed by adjacent holly, with excessive ivy coverage.	Physiological Condition: Good Structural Condition: Good Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	No action required.
T031	Common ash (<i>Fraxinus excelsior</i>)	Tree	Height (m): 14 Stem Diam(mm): 200 Spread (m): 2N, 2E, 2S, 2W Lowest Branch (m): 7(SE) Life Stage: Dead	U	Radius: 2.4m. Area: 18 sq m.	Standing dead, likely due to advanced Ash dieback.	Physiological Condition: Dead Structural Condition: Poor Public Amenity Value: Low Inspection Limitations: None Bat Habitat: Unknown	Remove tree.