

BS5837 Report

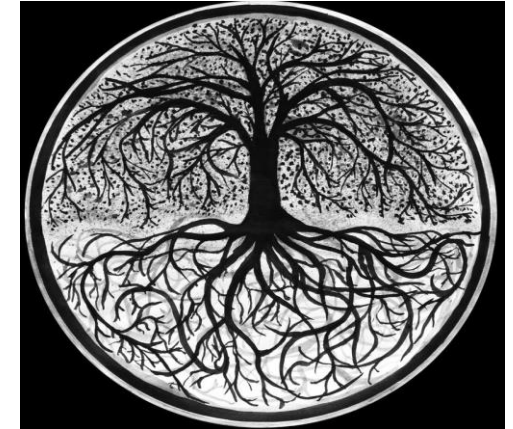
51 High Street Leadenham

APPENDIX 1

Retention Category	No. trees
A	10
B	2
C	6
U	2
Total	20

Life Stage	No. trees
Early Mature	2
Mature	2
Semi Mature	9
Young	6
Not Recorded	1

Rem. Contrib.	No. trees
Dead	1
<10 years	6
10+ Years	1
20+ Years	2
30+ Years	1
40+ Years	1
50+ Years	8



Ref	Species	Full Structure	Measurements	Spread	General Observations	Retention Category	RPA	Comments	Measurements2	Recommendations
T001	Purple Cherry Plum (Prunus cerasifera 'Pissardi')	Tree	Height (m): 11 Stem Diam (mm): 430 Spread (m): 6N, 4E, 2.5S, 2W Crown Clearance (m): 1.5 Lowest Branch (m): 2(N) Life Stage: Early Mature Rem. Contrib.: 20+ Years	N:6 E:4 S:2.5 W:2	Good overall Physiological and Structural condition. Co/dominant at 1.6m Prolific ivy.	A2	Radius: 5.2m. Area: 85 sq m.	This tree will not have to be removed to facilitate a proposed future development. 6.25m from the corner of the wall	Physiological Cond: Good Structural Cond: Fair Bat Habitat: None	Pre construction: No action required. During construction: No action required. Post construction: No action required.
T002	Yew (Taxus sp.)	Tree	Height (m): 5.5 Stem Diam (mm): 120 Spread (m): 2.5N, 3E, 1S, 2W Life Stage: Young Rem. Contrib.: 50+ Years	N:2.5 E:3 S:1 W:2	Good overall Physiological and Structural condition.	A2	Radius: 1.4m. Area: 6 sq m.	This tree will not have to be removed to facilitate a proposed future development.	Physiological Cond: Good Structural Cond: Good Bat Habitat: None	Pre construction: No action required. During construction: No action required. Post construction: No action required.
T003	Common Holly (Ilex aquifolium)	Tree	Height (m): 6.6 Stem Diam (mm): 110 Spread (m): 2N, 2E, 2S, 2.5W Life Stage: Young Rem. Contrib.: 50+ Years	N:2 E:2 S:2 W:2.5	Good overall Physiological and Structural condition.	A2	Radius: 1.3m. Area: 5 sq m.	This tree will not have to be removed to facilitate a proposed future development.	Physiological Cond: Good Structural Cond: Good Bat Habitat: None	Pre construction: No action required. During construction: No action required. Post construction: No action required.
T004	Common Walnut (Juglans regia)	Tree	Stem Diam (mm): 230 Spread (m): 1.5N, 6E, 1S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2(E) Life Stage: Semi Mature Rem. Contrib.: 20+ Years	N:1.5 E:6 S:1 W:3	Fair overall Physiological and Structural condition, with a heavy lean to the east of 32 degrees Prolific ivy.	B2	Radius: 2.8m. Area: 25 sq m.	This tree will not have to be removed to facilitate a proposed future development.	Physiological Cond: Good Structural Cond: Fair Bat Habitat: None	Pre construction: Crown reduction by 2m to the boundary line During construction: No action required. Post construction: No action required.

Ref	Species	Full Structure	Measurements	Spread	General Observations	Retention Category	RPA	Comments	Measurements2	Recommendations
T005	Common Walnut (Juglans regia)	Tree	Height (m): 16.7 Stem Diam (mm): 570 Spread (m): 7N, 7.5E, 5S, 6W Crown Clearance (m): 3 Lowest Branch (m): 5(SE) Life Stage: Early Mature Rem. Contrib.: 50+ Years	N:7 E:7.5 S:5 W:6	Good overall Physiological and Structural condition.	A2	Radius: 6.8m. Area: 145 sq m.	This tree will not have to be removed to facilitate a proposed future development.	Physiological Cond: Good Structural Cond: Good Bat Habitat: Medium	Pre construction: No action required. During construction: No action required. Post construction: No action required.
T006	Box (Buxus sp.)	Tree	Height (m): 4.9 Stem Diam (mm): 160 Spread (m): 2.5N, 2E, 3S, 2.5W Crown Clearance (m): 0 Lowest Branch (m): 1.5(N) Life Stage: Semi Mature Rem. Contrib.: 50+ Years	N:2.5 E:2 S:3 W:2.5	Good overall Physiological and Structural condition.	A2	Radius: 1.9m. Area: 11 sq m.	This tree will not have to be removed to facilitate a proposed future development.	Physiological Cond: Good Structural Cond: Good Bat Habitat: None	Pre construction: No action required. During construction: No action required. Post construction: No action required.
T007	Yew (Taxus sp.)	Tree	Height (m): 10 Stem Diam (mm): 290 Spread (m): 2.5N, 3.5E, 4S, 4W Crown Clearance (m): 1.5 Lowest Branch (m): 3(E) Life Stage: Young Rem. Contrib.: 50+ Years	N:2.5 E:3.5 S:4 W:4	Good overall Physiological and Structural condition.	A2	Radius: 3.5m. Area: 38 sq m.	This tree will not have to be removed to facilitate a proposed future development.	Physiological Cond: Good Structural Cond: Good Bat Habitat: None	Pre construction: No action required. During construction: No action required. Post construction: No action required.
T008	Common Box (Buxus sempervirens)	Tree	Height (m): 3 Stem Diam (mm): 100 Spread (m): 0N, 0E, 2.5S, 1.5W Crown Clearance (m): 0.5 Lowest Branch (m): 1.5(W) Life Stage: Young Rem. Contrib.: 10+ Years	N:0 E:0 S:2.5 W:1.5	Poor overall Physiological and Structural condition with a heavy lean of 60 degrees to the south over the wall and a strip of decay on the lower stem .	C	Radius: 1.2m. Area: 5 sq m.	This tree does not merit retention due to poor condition	Physiological Cond: Fair Structural Cond: Poor Bat Habitat: None	Pre construction: Remove tree. During construction: No action required. Post construction: No action required.
T009	Sycamore (Acer pseudoplatanus)	Tree	Height (m): 21 Stem Diam (mm): 910 Spread (m): 10N, 6.5E, 8.5S, 11W Life Stage: Mature Rem. Contrib.: <10 years	N:10 E:6.5 S:8.5 W:11	Poor overall Physiological and Structural condition. Stem/limb decay with a large Cerioporos squamous bracket on the ground to the north. Stem hollow to the west at 1.7m. Fractured limbs - storm damage. Dieback - poor foliage. Dead wood.	C	Radius: 10.9m. Area: 373 sq m.	This tree does not merit retention due to decline Possible bat roost?	Physiological Cond: Poor Structural Cond: Decaying Bat Habitat: Medium	Pre construction: Remove tree and grind out the stump. During construction: No action required. Post construction: No action required.

Ref	Species	Full Structure	Measurements	Spread	General Observations	Retention Category	RPA	Comments	Measurements2	Recommendations
T010	Yew (Taxus sp.)	Tree	Stem Diam (mm): 440 Spread (m): 4.5N, 3.5E, 4.5S, 3W Crown Clearance (m): 1.5 Lowest Branch (m): 3(S) Life Stage: Semi Mature Rem. Contrib.: 50+ Years	N:4.5 E:3.5 S:4.5 W:3	Good overall Physiological and Structural condition.	A2	Radius: 5.3m. Area: 88 sq m.	This tree does merit retention due to acting as a screen to the neighbouring property	Physiological Cond: Good Structural Cond: Good Bat Habitat: None	Pre construction: Lateral reduction to the south by 3m to the boundary line. During construction: No action required. Post construction: No action required.
T011	Yew (Taxus sp.)	Tree 5 stems	Height (m): 8.5 5 stems, diam(mm): 200, 90, 100, 240, 200 Spread (m): 5N, 3.5E, 3S, 2.5W Crown Clearance (m): 0 Lowest Branch (m): 0.5(N) Life Stage: Semi Mature Rem. Contrib.: 50+ Years	N:5 E:3.5 S:3 W:2.5	Good overall Physiological and Structural condition.	A2	Radius: 4.7m. Area: 69 sq m.	This tree will not have to be removed to facilitate a proposed future development. Acts as a screen from the neighbouring property	Physiological Cond: Good Structural Cond: Good Bat Habitat: None	Pre construction: No action required. During construction: No action required. Post construction: No action required.
T012	Laburnum (Laburnum sp.)	Tree	Height (m): 8 Stem Diam (mm): 160 Spread (m): 3.5N, 4E, 3.5S, 1W Life Stage: Semi Mature Rem. Contrib.: <10 years	N:3.5 E:4 S:3.5 W:1	Poor overall Physiological and Structural condition.	U	None - due to Retention Category of U.	This tree does not merit retention due to general poor condition	Physiological Cond: Fair Structural Cond: Poor Bat Habitat: None	Pre construction: Remove tree. During construction: No action required. Post construction: No action required.
T013	Yew (Taxus sp.)	Tree	Height (m): 7.5 Stem Diam (mm): 220 Spread (m): 5N, 1E, 3S, 2W Crown Clearance (m): 0 Lowest Branch (m): 2.5(N) Life Stage: Semi Mature Rem. Contrib.: 50+ Years	N:5 E:1 S:3 W:2	Good overall Physiological and Structural condition.	A2	Radius: 2.6m. Area: 21 sq m.	This tree will not have to be removed to facilitate a proposed future development. Acts as a screen to the neighbouring property	Physiological Cond: Good Structural Cond: Good Bat Habitat: None	Pre construction: No action required. During construction: No action required. Post construction: No action required.
T014	Common Holly (Ilex aquifolium)	Tree 2 stems	Height (m): 8.5 2 stems, diam(mm): 190, 250 Spread (m): 4N, 2E, 3.5S, 3.5W Life Stage: Semi Mature Rem. Contrib.: 40+ Years	N:4 E:2 S:3.5 W:3.5	Good overall Physiological and Structural condition.	A2	Radius: 3.8m. Area: 45 sq m.	This tree will not have to be removed to facilitate a proposed future development. Acts as a screen to the neighbouring property	Physiological Cond: Good Structural Cond: Good Bat Habitat: None	Pre construction: Lateral reduction by 1.5m to the south back to the boundary wall. During construction: No action required. Post construction: No action required.

Ref	Species	Full Structure	Measurements	Spread	General Observations	Retention Category	RPA	Comments	Measurements2	Recommendations
T015	Sycamore (Acer pseudoplatanus)	Tree	Height (m): 14 Stem Diam (mm): 220 Spread (m): 3N, 2E, 4S, 3W Crown Clearance (m): 2 Lowest Branch (m): 2(S) Life Stage: Young Rem. Contrib.: 30+ Years	N:3 E:2 S:4 W:3	Good overall Physiological and Structural condition. Prolific ivy.	B2	Radius: 2.6m. Area: 21 sq m.	4m from the footpath This tree will have to be removed to facilitate a proposed future development.	Physiological Cond: Good Structural Cond: Good Bat Habitat: Low	Pre construction: Remove tree. During construction: No action required. Post construction: No action required.
T016	Cherry (Prunus sp. (Cherries))	Tree	Height (m): 2 Stem Diam (mm): 140		Dead tree with prolific ivy.	U	None - due to Retention Category of U.	This tree does not merit retention due to ...	Physiological Cond: Poor Structural Cond: Collapsing Bat Habitat: Low	Pre construction: Remove tree. During construction: No action required. Post construction: No action required.
T017	Common Ash (Fraxinus excelsior)	Tree	Height (m): 13 Stem Diam (mm): 380 Spread (m): 3.5N, 3E, 6S, 2W Crown Clearance (m): 3 Lowest Branch (m): 5.5(E) Life Stage: Semi Mature Rem. Contrib.: <10 years	N:3.5 E:3 S:6 W:2	Fair overall Physiological and Structural condition. Prolific ivy.	C	Radius: 4.6m. Area: 66 sq m.	This tree does not merit retention due to the presence of Ash Dieback	Physiological Cond: Fair Structural Cond: Good Bat Habitat: Low	Pre construction: Remove tree. During construction: No action required. Post construction: No action required.
T018	Common Holly (Ilex aquifolium)	Tree 8 stems	Height (m): 9 8 stems, diam(mm): 50, 50, 90, 60, 50, 60, 90, 250 Spread (m): 3N, 4.5E, 3.5S, 2.5W Life Stage: Young Rem. Contrib.: <10 years	N:3 E:4.5 S:3.5 W:2.5	Poor overall Physiological and Structural condition of the main stem, though prolific regeneration around the base. Prolific ivy.	C	Radius: 3.7m. Area: 43 sq m.	This tree does not merit retention due to extensive dieback	Physiological Cond: Poor Structural Cond: Collapsing Bat Habitat: Low	Pre construction: Remove tree. During construction: No action required. Post construction: No action required.
T019	Cherry (Prunus sp. (Cherries))	Tree 2 stems	Height (m): 3 2 stems, diam(mm): 160, 170 Spread (m): 2N, 4.5E, 2.5S, 0W Life Stage: Semi Mature Rem. Contrib.: <10 years	N:2 E:4.5 S:2.5 W:0	Poor overall Physiological and Structural condition with a heavy lean over the footpath. Prolific ivy.	C	Radius: 2.8m. Area: 25 sq m.	This tree does not merit retention due to poor condition	Physiological Cond: Fair Structural Cond: Poor Bat Habitat: Low	Pre construction: Remove tree. During construction: No action required. Post construction: No action required.
T020	Pear (Pyrus sp.)	Tree 3 stems	Height (m): 3.5 3 stems, diam(mm): 120, 110, 120 Spread (m): 0.5N, 2E, 1.5S, 1W Life Stage: Mature Rem. Contrib.: <10 years	N:0.5 E:2 S:1.5 W:1	Fair overall Physiological and Structural condition.	C	Radius: 2.4m. Area: 18 sq m.	This tree will have to be removed to facilitate a proposed future development.	Physiological Cond: Fair Structural Cond: Fair Bat Habitat: None	Pre construction: Remove tree. During construction: No action required. Post construction: No action required.