

Rule 2.2 Significant Trees Overlay

Rule Statement

The plan recognises the value of significant trees for their ecological, botanical, and amenity contribution to the community. Trees may also have a particular heritage value, especially where they have been planted to commemorate significant events or people.

Trees achieving the required standard will be protected as Significant Trees and included within a schedule as Appendix 2.2-I. The assessment is based on the Royal New Zealand Institute of Horticulture (RNZIH) method and criteria listed in Appendix 2.2-II. There are two categories of protected trees. Trees achieving a score of 1000 points or more are Category 1 trees, while trees achieving a score of between 500 and 999 points are Category 2 trees.

The rule will protect significant trees in the city, but will allow for their continued maintenance and the development of the sites on which they are located. It will only apply to any tree scheduled in Appendix 2.2-I.

Expected Outcome

The protection of identified significant individual trees and groups of trees and the ongoing maintenance of their values.

Means of Compliance

The following rules shall be read in conjunction with the standards and performance assessments in the zone, and all other rules in the Plan.

The Significant Trees Overlay rules shall be complied with first, then the relevant zone or city-wide rules shall apply. The activity status of a Permitted or Controlled Activity may be altered from the activity list below where the activity cannot meet one or more of the standards in this rule. For clarification of activity status see [Rule 2.2.3](#) — Failure to Meet Standards.

Regard must be had to all Objectives and Policies which may be relevant to any proposed activity subject to the provisions of this Rule. This includes, but shall not be limited to, Policy Section 3.5 Urban Trees.

2.2.1 Activities

a) Permitted Activities

The following activities are Permitted Activities provided they comply with the relevant standards in [Rule 2.2.2](#):

- Emergency removal of protected trees

- Trimming and maintenance of listed trees provided they comply with the standards in Rule 2.2.2 a) i).

b) Controlled Activities

The following activities are Controlled Activities provided they comply with the standards in Rule 2.2.2 and will be controlled in respect of the matters identified.

- Trimming and maintenance of listed trees provided they comply with the standard in Rule 2.2.2 a) ii)
 - with respect to the extent of the work, the materials used and the method used.
- Any work affecting a Category 2 tree (listed in Appendix 2.2-1)
 - with respect to the extent of the work, and the method to be employed.

c) Discretionary Activities

The following are Discretionary Activities:

- Any work affecting a Category 1 tree listed in Appendix 2.2-1
- Removal or transplanting of any tree listed in Appendix 2.2-1.

2.2.2 Specific Standards

The following standards apply to the activities specified below.

a) Trimming and Maintenance

	<u>Rule 2.2.2 a) i)</u>	<u>Rule 2.2.2 a) ii)</u>
Maximum amount of foliage to be removed in a single Calendar year.	≤ 15%	≤ 30%
Maximum thickness (cross-section) of any branch or root that may be cut.	≤ 25mm	≤ 50mm

2.2.3 Failure to Meet Standards

Activities which do not comply with one or more standards in Rule 2.2.2 a) ii) are **Discretionary Activities**.

Performance Assessment

In determining any resource consent, Council shall have regard to the expected outcome for this rule and the relevant underlying zone, to any related objectives and policies, and to the following:

2.2.4 Performance Outcomes – Controlled Activities

In assessing a resource consent for a Controlled Activity, Council may impose conditions on the following matters.

a) Extent of Any Work

Any work carried out directly on the tree, or within the dripline of the tree shall not be of a scale which reduces any of the value scores against which the tree was assessed.

b) Materials Used

Any materials used within the dripline of a tree shall not prevent or affect the ability of air or moisture reaching the roots to the extent that it would damage the tree.

c) Method of Any Work

Any work shall be carried out in a manner that conserves the values of the tree and ensures the protection of the roots, the canopy of the tree, and does not endanger the health of the tree.

2.2.5 Assessment Criteria – Discretionary Activities

Discretionary activities will be assessed against, but not limited to, the assessment criteria below.

a) Any Proposed Work on a Significant Tree

- i) The extent to which the work will enhance or reduce the overall value of the tree by altering its assessment criteria values.
- ii) The extent to which the work will enhance or reduce the value of other protected trees in the vicinity.
- iii) The extent to which the condition of the tree constitutes a hazard unless the work is done.
- iv) The extent to which the work will result in the tree becoming a hazard (particularly in relation to any proposed structures).
- v) Possible alternative developments, avoiding the need for work to be done on the tree.
- vi) Whether means of mitigation of potential damage to the tree(s) values have been incorporated into the planned works.
- vii) Whether incentives, or mitigation of costs will result in the owner not carrying out the work on the tree(s).

b) Removal or Transplanting of a Significant Tree

- i) Whether the tree is causing serious structural damage to adjacent structures.
- ii) Whether the tree's chance of survival, in the case of transplanting, can be assured.
- iii) Whether the tree's chance of survival, in the case of transplanting, is better than in its existing location.
- iv) Possible alternative developments avoiding the need to remove the tree(s).

Appendix 2.2-1 Significant Trees Register

<i>ID# (as per planning maps)</i>	<i>Significant Tree Common Name</i>	<i>Significant Tree Botanical Name</i>	<i>Address/Legal Description</i>	<i>R.N.Z.I.H Score</i>	<i>Category</i>
T2 Map 11	English Oak	Quercus robur	31a Beale St, Lot 2 DP 35288	972	2
T3 Map 16	Bunya Bunya	Araucaria bidwillii	Cobham Drive (Hamilton Gardens), Lot 26 SO 2217	3456	1
T4 Map 16		Mixed Group			
4.1	Redwood	Sequoia sempervirens	322 Cobham Drive, Lot 5 DPS 1485	2592	1
4.2	Atlantic Cedar	Cedrus atlantica glauca	Cobham Drive Reserve, Lot 3 DPS 23750	2592	1
4.3	Redwood	Sequoia sempervirens	Cobham Drive Reserve, Lot 3 DPS 23750	1152	1
4.4	Holm Oak	Quercus ilex	Cobham Drive Reserve, Lot 3 DPS 23750	2592	1
4.5	Atlantic Cedar	Cedrus atlantica glauca	Cobham Drive Reserve, Lot 3 DPS 23750	2592	1
4.6	Redwood	Sequoia sempervirens	334 Cobham Drive, Lot 2 DPS 13020	2592	1
4.7	Atlantic Cedar	Cedrus atlantica glauca	330 Cobham Drive, Lot 2 DPS 23750	1728	1
4.8	Holm Oak	Quercus ilex	332 Cobham Drive, Lot 1 DPS 23750	3456	1
T5 Map 16	English Oak	Quercus robur	61 Flynn Rd, Lot 1 DPS 24621	1296	1
T6 Map 11a	Tupelo	Nyssa sylvatica	12 George St, Lot 1 DPS 4394	1296	1
T7 Map 11a	Ferrybank Plantation	Mixed Group	Grantham St - Ferrybank Reserve, Allotment 443A Town of West Hamilton, Lot 2 DPS 257.		1 (Stand) Av.10 best
7.1	English Oak	Quercus robur	Grantham St — Ferrybank Reserve	3456	
7.2	English Oak	Quercus robur	Grantham St — Ferrybank Reserve	1152	
7.3	English Oak	Quercus robur	Grantham St — Ferrybank Reserve	1296	
7.4	Japanese Cedar	Cryptomeria japonica	Grantham St — Ferrybank Reserve	576	
7.5	English Beech	Fagus sylvatica	Grantham St — Ferrybank Reserve	2592	
7.6	English Beech	Fagus sylvatica	Grantham St — Ferrybank Reserve	3456	
7.7	Pin Oak	Quercus palustris	Grantham St — Ferrybank Reserve	1152	
7.8	London Plane	Platanus acerifolia	Grantham St — Ferrybank Reserve	2304	
7.9	Japanese Cedar	Cryptomeria japonica	Grantham St — Ferrybank Reserve	576	
7.10	London Plane	Platanus acerifolia	Grantham St — Ferrybank Reserve	2304	
7.11	Japanese Cedar	Cryptomeria japonica	Grantham St — Ferrybank Reserve	864	
7.12	London Plane	Platanus acerifolia	Grantham St — Ferrybank Reserve	3456	
7.13	London Plane	Platanus acerifolia	Grantham St — Ferrybank Reserve	2304	
7.16	California Big Tree	Sequoiadendron giganteum	Grantham St — Ferrybank Reserve	1296	

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T8 Map 12	Grey St Avenue		Grey St, Hamilton East, Road Reserve		1 (stand) Av. 10 best
8.1	London Plane	Platanus acerifolia	By 142 Grey St	2916	
8.2	Elm	Ulmus procera	Grey St (by Steele Park Toilets)	1296	
8.3	Sweet Spanish Chestnut	Castanea sativa	Opposite 291 Grey St	1296	
8.5	English Oak	Quercus robur	By 146 Grey St	5148	
8.6	London Plane	Platanus acerifolia	By 315 Grey St	1944	
8.7	London Plane	Platanus acerifolia	Cnr Cook and Grey St	6912	
8.8	London Plane	Platanus acerifolia	Cnr Cook and Grey St	5184	
8.9	Common Elm	Ulmus procera	By 191 Grey St	5832	
8.10	London Plane	Platanus acerifolia	By 242 Grey St	2916	
8.11	London Plane	Platanus acerifolia	By 209 Grey St	2916	
8.12	London Plane	Platanus acerifolia	By 208 Grey St	2916	
8.13	London Plane	Platanus acerifolia	By 180 Grey St	2916	
8.14	London Plane	Platanus acerifolia	Cnr of Wellington and Grey St	3888	
8.15	London Plane	Platanus acerifolia	By 150 Grey St	3888	
T9 Map 12	Steele Park Memorial Trees		Steele Park, Grey St, Allotment 410 Town of Hamilton East		1 (stand) Av 10 best
9.1	Silver Birch	Betula pendula	Cook St (opposite 300 Grey St)	432	
9.2	Sycamore Maple	Acer pseudoplatanus	Cook St	864	
9.3	London Plane	Platanus acerifolia	Cook St	1728	
9.4	English Oak	Quercus robur	Cook St	2592	
9.5	English Oak	Quercus robur	Cook St	2592	
9.6	London Plane	Platanus acerifolia	Cook St	864	
9.7	English Oak	Quercus robur	Cook St	2916	
9.8	English Oak	Quercus robur	Cook St	648	
9.9	English Oak	Quercus robur	Cook St	1944	
9.10	English Oak	Quercus robur	Cook St	1296	
9.11	English Oak	Quercus robur	Cook St	648	
9.12	English Oak	Quercus robur	Firth St	576	
9.13	English Oak	Quercus robur	Firth St	972	
9.14	English Oak	Quercus robur	Firth St	1944	

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9.15	English Oak	Quercus robur	Firth St	1944	
9.16	English Oak	Quercus robur	Firth St	4374	
9.17	English Oak	Quercus robur	Firth St	864	
9.18	English Oak	Quercus robur	Firth St	1944	
9.19	English Oak	Quercus robur	Firth St	972	
9.20	English Oak	Quercus robur	Firth St	2592	
9.21	Elm	Ulmus glabra	Firth St	2916	
9.22	English Oak	Quercus robur	Firth St	2592	
9.23	California Big Tree	Sequoiadendron giganteum	Wellington St	1728	
9.24	English Oak	Quercus robur	Wellington St	648	
9.25	English Oak	Quercus robur	Wellington St	1944	
9.26	English Oak	Quercus robur	Wellington St	1944	
9.27	English Oak	Quercus robur	Wellington St	3888	
9.28	English Oak	Quercus robur	Wellington St	3888	
9.29	English Oak	Quercus robur	Wellington St	1944	
9.30	English Oak	Quercus robur	Wellington St	2916	
9.31	English Oak	Quercus robur	Wellington St	1944	
9.32	Sycamore Maple	Acer pseudoplatanus	Wellington St	864	
9.33	English Oak	Quercus robur	Wellington St	1944	
9.34	English Oak	Quercus robur	Wellington St	3888	
9.35	Common Elm	Ulmus procera	Wellington St	432	
9.36	English Oak	Quercus robur	Wellington St	576	
9.37	English Oak	Quercus robur	Wellington St	1944	
9.38	Douglas Fir	Pseudotsuga menziesii	Wellington St	2592	
9.39	English Oak	Quercus robur	Wellington St	2592	
9.40	Indian Cedar	Cedrus deodora	Cnr Wellington & Grey St	1728	
9.41	English Oak	Quercus robur	Grey St	1944	
9.42	Sweet Spanish Chestnut	Castanea sativa	Grey St	864	
9.43	English Oak	Quercus robur	Grey St	1296	
9.44	English Oak	Quercus robur	Grey St	1728	
9.45	English Oak	Quercus robur	Grey St	2592	
9.46	Sycamore Maple	Acer pseudoplatanus	Grey St	576	

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9.47	English Oak	Quercus robur	Grey St	1296	
9.48	English Oak	Quercus robur	Grey St	1944	
9.49	English Oak	Quercus robur	Grey St	648	
9.50	English Oak	Quercus robur	Grey St	1296	
9.51	English Oak	Quercus robur	Grey St	1944	
T10 Map 11a		Oak Stand	Hamilton Parade by Alma St, Road Reserve		
10.1	Mossy Cup Oak	Quercus acutissima	Hamilton Parade	1536	1
10.2	Mossy Cup Oak	Quercus acutissima	Hamilton Parade	1536	1
10.3	Mossy Cup Oak	Quercus acutissima	Hamilton Parade	1536	1
10.4	Mossy Cup Oak	Quercus acutissima	Hamilton Parade	6144	1
10.5	Tulip Poplar	Liriodendron tulipifera	Hamilton Parade	576	2
10.6	Pohutukawa	Metrosideros excelsa	Hamilton Parade	2592	1
T11 Map 11a			Hamilton Parade by London St, Road Reserve		
11.1	Swamp Cypress	Taxodium distichum	Hamilton Parade by London St	1152	1
11.2	Kauri	Agathis australis	Hamilton Parade by London St	1024	1
T12 Map 7	Blue Atlantic Cedar	Cedrus atlantica glauca	2 Insoll Ave, Lot 4 DPS 71909	1728	1
T13 Map 15	California Big Tree	Sequoiadendron giganteum	82 Lake Crescent, Lot 2 DP 34122	1944	1
T14 Map 11a			2 London St		
14.1	Indian Cedar	Cedrus deodara	2 London St, Lot 1 DP 8468	1296	1
14.2	English Beech	Fagus sylvatica	2 London St, Lot 2 DP 8467	3888	1
T15 Map 11a	Weeping Elm	Ulmus glabra pendula	4 London St, Lot 1 DPS 75770	1152	1
T16 Map 11a	Hamilton Hotel Riverside Planting	Stand	Marlborough Place, Lot 1 DPS 32477		
16.1	Norfolk Pine	Araucaria heterophylla	Hamilton Hotel, 170 Victoria St	1728	1
16.2	Norfolk Pine	Araucaria heterophylla	Hamilton Hotel, 170 Victoria St	1728	1
16.3	Bunya Bunya	Araucaria bidwillii	Hamilton Hotel, 170 Victoria St	6912	1
16.4	Southern Magnolia	Magnolia grandiflora	Hamilton Hotel, 170 Victoria St	512	2
16.5	Southern Magnolia	Magnolia grandiflora	Hamilton Hotel, 170 Victoria St	864	2
T17 Map 11a	Soldiers Memorial Trees	Stand	Memorial Park, Allotment 417 Town of Hamilton East, Lots 1-3 SO 56166, Lots 1-2 DP 1233.		1 (Stand) Av. 10 best
17.1	Titoki	Alectryon excelsus	Memorial Park, Memorial Dr	1152	1

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17.2	Kauri	Agathis australis	Memorial Park, Memorial Dr	1536	1
17.3	Kauri	Agathis australis	Memorial Park, Memorial Dr	1152	1
17.4	Caucasion Fir	Abies nordmanniana	Memorial Park, Memorial Dr	1728	1
17.5	Caucasion Fir	Abies nordmanniana	Memorial Park, Memorial Dr	3456	1
17.6	Horse Chestnut	Aesculus hippocastanum	Memorial Park, Memorial Dr	1728	2
17.7	Horse Chestnut	Aesculus hippocastanum	Memorial Park, Memorial Dr	576	2
17.8	Norfolk Pine	Araucaria heterophylla	Memorial Park, Memorial Dr	3456	1
17.9	Norfolk Pine	Araucaria heterophylla	Memorial Park, Memorial Dr	3456	1
17.10	Caucasion Fir	Abies nordmanniana	Memorial Park, Memorial Dr	1728	1
17.11	Japanese Cedar	Cryptomeria japonica	Memorial Park, Memorial Dr	1728	1
17.12	Indian Cedar	Cedrus deodara	Memorial Park, Memorial Dr	3456	1
17.13	Silver Birch	Betula pendula	Memorial Park, Memorial Dr	768	2
17.14	Silver Birch	Betula pendula	Memorial Park, Memorial Dr	768	2
17.15	Rimu	Dacrydium cupressinum	Memorial Park, Memorial Dr	1728	1
17.16	Rimu	Dacrydium cupressinum	Memorial Park, Memorial Dr	1728	1
17.17	Rimu	Dacrydium cupressinum	Memorial Park, Memorial Dr	2304	1
17.18	Rimu	Dacrydium cupressinum	Memorial Park, Memorial Dr	1152	1
17.19	English Beech	Fagus sylvatica	Memorial Park, Memorial Dr	1536	1
17.20	Common Ash	Fraxinus excelsior	Memorial Park, Memorial Dr	384	*
17.21	Common Ash	Fraxinus excelsior	Memorial Park, Memorial Dr	1152	1
17.22	Maidenhair Tree	Ginkgo biloba	Memorial Park, Memorial Dr	1152	1
17.23	Rewarewa	Knightia excelsa	Memorial Park, Memorial Dr	760	2
17.24	Sweetgum	Liquidamber styraciflua	Memorial Park, Memorial Dr	1296	1
17.25	Southern Magnolia	Magnolia grandiflora	Memorial Park, Memorial Dr	576	2
17.26	Totara	Podocarpus totara	Memorial Park, Memorial Dr	1152	1
17.27	Cherry	Prunus serrulata cv.	Memorial Park, Memorial Dr	864	2
17.28	Scarlet Oak	Quercus coccinea	Memorial Park, Memorial Dr	3456	1
17.29	Scarlet Oak	Quercus coccinea	Memorial Park, Memorial Dr	2304	1
17.30	English Oak	Quercus robur	Memorial Park, Memorial Dr	1152	1
17.31	English Oak	Quercus robur	Memorial Park, Memorial Dr	1296	1
17.32	English Oak	Quercus robur	Memorial Park, Memorial Dr	1296	1
17.33	English Oak	Quercus robur	Memorial Park, Memorial Dr	1152	1

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17.34	English Oak	Quercus robur	Memorial Park, Memorial Dr	864	2
17.35	English Oak	Quercus robur	Memorial Park, Memorial Dr	1296	1
17.36	English Oak	Quercus robur	Memorial Park, Memorial Dr	1296	1
17.37	Japanese Cedar	Cryptomeria japonica	Memorial Park, Memorial Dr	576	2
17.38	Redwood	Sequoia sempervirens	Memorial Park, Memorial Dr	864	2
T18 Map 11			20 Mill St (Whitiora Primary School), Allotment 197 Town of Hamilton West		
18.1	Common Ash	Fraxinus excelsior	20 Mill St	1296	1
18.3	Sweet Gum	Liquidamber styraciflua	20 Mill St	648	2
18.4	Common Elm	Ulmus procera	20 Mill St	576	2
T19 Map 12		Mixed Group - Informal Avenue	86-120 Peachgrove Rd		2 (Stand) Av. 10 best
19.1	Red Oak	Quercus rubra	86 Peachgrove Rd, Lot 9 DPS 63009	576	2
19.2	Sweetgum	Liquidamber styraciflua	88 Peachgrove Rd, Lot 8 DPS 63009	432	*
19.3	Copper Beech	Fagus sylvatica 'Purpurea'	90 Peachgrove Rd, Lot 8 DPS 63009	384	*
19.4	Tulip Poplar	Liriodendron tulipifera	96 Peachgrove Rd, Lot 6 DPS 63009	1152	1
19.5	Tulip Poplar	Liriodendron tulipifera	98 Peachgrove Rd, Lot 6 DPS 63009	432	*
19.6	Copper Beech	Fagus sylvatica 'Purpurea'	100 Peachgrove Rd, Lot 5 DPS 63009	576	2
19.7	Scarlet Oak	Quercus coccinea	104 Peachgrove Rd, Lot 4 DPS 63009	432	*
19.8	Tulip Poplar	Liriodendron tulipifera	104 Peachgrove Rd, Lot 4 DPS 63009	384	*
19.9	Red Oak	Quercus rubra	114 Peachgrove Rd, Lot 2 DPS 63009	864	2
19.10	Kahikatea x2	Dacrycarpus dacrydioides	4 Ruakura Rd,	648	2
T20 Map 12	Silky Oak	Grevillea robusta	200 Peachgrove Rd (Southwell School), Lot 12 DP 4213	972	2
T22 Map 11a	Red Flowering Gum	Eucalyptus ficifolia	Road Reserve by 2 Princes St, Road Reserve	3888	1
T23 Map 11	California Big Tree	Sequoiadendron giganteum	Esplanade opposite 390 River Rd, Lot 76 DP 6695	1728	1
T24 Map 11		Mixed Stand	339 River Rd (Miropiko Reserve), Lot 215 DP 449		
24.1	NA	Poliathyrsis sinensis	339 River Rd (Miropiko Reserve)	4608	1
24.2	Copper Beech	Fagus sylvatica 'Purpurea'	339 River Rd (Miropiko Reserve)	864	2

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24.3	Maidenhair Tree	Ginkgo biloba	339 River Rd (Miropiko Reserve)	1728	1
24.4	Three Toothed Maple	Acer buergerianum	339 River Rd (Miropiko Reserve)	576	2
24.5	Maidenhair Tree	Ginkgo biloba	339 River Rd (Miropiko Reserve)	768	2
24.6	Kashmir Cypress	Cupressus darjeelingensis	339 River Rd (Miropiko Reserve)	768	2
24.7	Tupelo	Nyssa sylvatica	339 River Rd (Miropiko Reserve)	576	2
24.8	Black Oak	Quercus velutina	339 River Rd (Miropiko Reserve)	1296	1
T25 Map 7	Diocesan High School Entry	Mixed Group	660 River Rd (Diocesan School)		1 (Stand) Av. 10 best
25.1	London Plane	Platanus acerifolia	Road Reserve by 660 River Rd	2592	1
25.2	California Big Tree	Sequoiadendron giganteum	660 River Rd, Lot 3 DPS 54638	3888	1
25.3	London Plane	Platanus acerifolia	660 River Rd, bdry of road reserve & Lot 3 DPS 54638	3456	1
25.4	London Plane	Platanus acerifolia	660 River Rd, bdry of road reserve & Lot 3 DPS 54638	3456	1
25.5	London Plane	Platanus acerifolia	660 River Rd, Lot 3 DPS 54638	1152	1
25.6	London Plane	Platanus acerifolia	660 River Rd, Lot 3 DPS 54638	3456	1
25.7	London Plane	Platanus acerifolia	Adjacent to 660 River Rd, Road Reserve	864	2
25.8	California Big Tree	Sequoiadendron giganteum	660 River Rd, Lot 2 DPS 54638	10368	1
25.9	London Plane	Platanus acerifolia	660 River Rd, Lot 3 DPS 54638	1152	1
25.10	Linden	Tilia europaea	660 River Rd, Lot 1 DP 4296	2592	1
25.11	Pin Oak	Quercus palustris	660 River Rd, Lot 1 DP 24135	1728	1
25.12	London Plane	Platanus acerifolia	660 River Rd, Lot 3 DPS 54638	768	2
25.13	Tulip Poplar	Liriodendron tulipifera	660 River Rd, Lot 3 DPS 54638	1296	1
T26 Map 11a	Washingtonia Palm	Washingtonia filifera robusta	3 New St, Lot 1 DP 26008	2048	1
T27 Map 11a	Camphor Tree	Cinnamomum camphora	Cnr Thackeray/Pembroke St, bdry of Lot 2 SO 58630 & Road reserve	648	2
T28 Map 11a	Canary Island Palms	Phoenix canariensis	479 Victoria St, Lot 2 DPS 44218		
28.1	Canary Island Palm	Phoenix canariensis	479 Victoria St	3027	1
28.2	Canary Island Palm	Phoenix canariensis	479 Victoria St	768	2
T29 Maps 7,11	Olive	Olea europea	1340 Victoria St (Trevellyn Home), Lot 1 DPS 26562	2592	1
T30 Map 11,	Claudelands Oaks	Mixed Group	Claudelands Rd, bdry Road Reserve & Lot 1 DPS		

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11a			57386		
30.4	English Oak	Quercus robur	Claudelands Rd (opposite No 16), Road Reserve	768	2
30.5	Sycamore Maple	Acer pseudoplatanus	Claudelands Rd (opposite No 14), Road reserve	512	2
T31 Map 7	Hukanui Oaks	Mixed Group	Hukanui Rd Amenity Reserve, Lots 57 & 58 DPS 13851		1 (Stand) Av. 10 best
31.1	English Oak	Quercus robur	Hukanui Rd	972	2
31.2	English Oak	Quercus robur	Hukanui Rd	648	2
31.3	English Oak	Quercus robur	Hukanui Rd	648	2
31.4	English Oak	Quercus robur	Hukanui Rd	648	2
31.5	English Oak	Quercus robur	Hukanui Rd	1944	1
31.6	English Oak	Quercus robur	Hukanui Rd	648	2
31.7	English Oak	Quercus robur	Hukanui Rd	648	2
31.8	English Oak	Quercus robur	Hukanui Rd	972	2
31.9	English Oak	Quercus robur	Hukanui Rd	648	2
31.10	English Oak	Quercus robur	Hukanui Rd	972	2
31.11	English Oak	Quercus robur	Hukanui Rd	972	2
31.12	English Oak	Quercus robur	Hukanui Rd	648	2
31.13	English Oak	Quercus robur	Hukanui Rd	972	2
31.14	California Big Tree	Sequoiadendron giganteum	Hukanui Rd	1944	1
31.15	Italian Cypress	Cupressus sempervirens	Hukanui Rd	432	*
31.16	English Oak	Quercus robur	Hukanui Rd	972	2
31.17	English Oak	Quercus robur	Hukanui Rd	648	2
T33 Map 6	Pink Flowering Yellow Gum	Eucalyptus leucoxydon 'Rosea'	951 Te Rapa Rd, Allotment 215 Pukete Parish	2592	1
T34 Map 5		Mixed Group	Lee Road, Lot 1 DPS 14410		
34.1	Norfolk Pine	Araucaria heterophylla	Lee road	1728	1
34.2	English Oak	Quercus robur	Lee road	384	*
34.3	Holm Oak	Quercus ilex	Lee Road	1296	1
34.4	Redwood	Sequoia sempervirens	Lee Road	576	2
34.5	Elm	Ulmus glabra	Lee Road	864	2
T35 Map 16		Mixed Group	217 Peacocke Road, Glenview Club, Lot 1 DPS 12490		1 (Stand) Av 10 best

<i>ID# (as per planning maps)</i>	<i>Significant Tree Common Name</i>	<i>Significant Tree Botanical Name</i>	<i>Address/Legal Description</i>	<i>R.N.Z.I.H Score</i>	<i>Category</i>
35.1	English Oak	Quercus robur	Peacocke Road, Glenview Club (riverbank)	1152	1
35.2	English Oak	Quercus robur	Peacocke Road, Glenview Club (riverbank)	1296	1
35.3	London Plane	Platanus acerifolia	Peacocke Road, Glenview Club (riverbank)	1728	1
35.4	London Plane	Platanus acerifolia	Peacocke Road, Glenview Club (riverbank)	1728	1
35.5	London Plane	Platanus acerifolia	Peacocke Road, Glenview Club (riverbank)	1728	1
35.6	English Oak	Quercus robur	Peacocke Road, Glenview Club (riverbank)	1152	1
35.7	English Oak	Quercus robur	Peacocke Road, Glenview Club (riverbank)	648	2
35.8	London Plane	Platanus acerifolia	Peacocke Road, Glenview Club (riverbank)	2304	1
35.9	English Oak	Quercus robur	Peacocke Road, Glenview Club (riverbank)	1296	1
35.10	London Plane	Platanus acerifolia	Peacocke Road, Glenview Club (riverbank)	1296	1
35.11	London Plane	Platanus acerifolia	Peacocke Road, Glenview Club (riverbank)	2304	1
35.12	English Oak	Quercus robur	Peacocke Road, Glenview Club (riverbank)	1296	1
T36 Map 16		Stand plus two others	Northview Farm — Ohaupo Rd, Lot 1 SO 57582		1 (Stand)
36.1	English Oak	Quercus robur	Northview Farm — Ohaupo Rd	1296	1
36.2	Pin Oak	Quercus palustris	Northview Farm — Ohaupo Rd	1296	1
36.3	Pin Oak	Quercus palustris	Northview Farm — Ohaupo Rd	1296	1
36.4	Pine	Pinus sp.	Northview Farm — Ohaupo Rd	768	2
36.5	Pin Oak	Quercus palustris	Northview Farm — Ohaupo Rd	864	2
36.6	Fir	Abies sp.	Northview Farm — Ohaupo Rd	1296	1
36.7	London Plane	Platanus acerifolia	Northview Farm — Ohaupo Rd	864	2
36.8	Pin Oak	Quercus palustris	Northview Farm — Ohaupo Rd	1052	1
36.9	Eucalyptus	Eucalyptus sp.	Northview Farm — Ohaupo Rd	1536	1
36.10	Elm	Ulmus	Northview Farm — Ohaupo Rd	1296	1
T37 Map 11a	Linden	Tilea europaea	1 Rostrevor St, Allotment 28 Town of Hamilton West	864	2
T38 Map 12	Tulip Poplar	Liriodendron tulipifera	93 Peachgrove Rd, Lot 2 DPS 334	972	2
T39 Map 7	Kapuka Papauma	Griselinia littoralis	Fairfield Primary School, Clarkin Rd, Lot 1 DPS 2417 (or Lot 3?)	648	2
T40 Map 11	Maidenhair Tree	Ginkgo biloba	104 Lake Rd, Lots 1&2 DPS 62186	864	2
T42 Map 11			Hinemoa Park, SO 57622		
42.1	Cook Island Pine	Araucaria cookii	Hinemoa Park	2592	1
42.2	Tulip Poplar	Liriodendron tulipifera	Hinemoa Park	1728	1

<i>ID# (as per planning maps)</i>	<i>Significant Tree Common Name</i>	<i>Significant Tree Botanical Name</i>	<i>Address/Legal Description</i>	<i>R.N.Z.I.H Score</i>	<i>Category</i>
42.3	Himalayan Spruce	Picea smithiana	Hinemoa Park	972	2
T43 Map 11		Stand	Victoria and Ulster St Road Reserve		
43.1	Linden	Tilia europaea	Victoria and Ulster St Road Reserve	1728	1
43.2	Scarlet Oak	Quercus coccinea	Victoria and Ulster St Road Reserve	1152	1
T44 Map 11a		Stand	Jesmond Park, Road reserve (part of Claudelands Rd)		
44.1	Red Oak	Quercus rubra	Jesmond Park	2592	1
44.2	London Plane	Platanus acerifolia	Jesmond Park	768	2
44.3	London Plane	Platanus acerifolia	Jesmond Park	768	2
T45 Map 11a	Spanish Chestnut	Castanea sativa	659 Grey St, Lot 16 DP 13871	648	2
T46 Map 10		Stand	145 Newcastle Road, Lot 1 DPS 9015		2 (Stand)
46.1	Tanekaha	Phyllocladus trichomanoides	145 Newcastle Rd	648	2
46.2	Karaka	Corynocarpus laevigatus	145 Newcastle Rd	648	2
46.3	Kauri	Agathis australis	145 Newcastle Rd	1536	1
46.4	Black Beech	Nothofagus solandri	145 Newcastle rd	576	2
46.5	Taraire	Beilschmiedia taraire	145 Newcastle Rd	648	2
46.6	Pohutukawa	Metrosideros excelsa	145 Newcastle Rd	648	2
46.7	Miro	Prumnopitys ferruginea	145 Newcastle Rd	648	2
T47 Map 16			Peacocke Rd, Lot 2 DPS 12490		
47.1	English Oak (x4)	Quercus robur	Peacocke Rd	864	2
47.2	London Plane (x4)	Platanus acerifolia	Peacocke Rd	864	2
T49 Map 12	Rewarewa	Knightia excelsa	124 Grey St, Lot 4 DP 13011	864	2
T50 Map 3		Stand	Sexton Rd, Lot 1&2 DPS 13652		2 (Stand) Av. 10 best
50.1	Magnolia	Magnolia delaveyi	Sexton Rd	1152	1
50.2	Three Toothed Maple	Acer buergerianum	Sexton Rd	576	2
50.3	Black Oak	Quercus velutina	Sexton Rd	1536	1
50.4	Japanese Emperor Oak	Quercus dentata	Sexton Rd	768	2
50.5	Pyrenean Oak	Quercus pyrenaica	Sexton Rd	768	2
50.6	California Big Tree	Sequoiadendron giganteum	Sexton Rd	576	2
50.7	Linden	Tilia europaea	Sexton Rd	768	2

<i>ID# (as per planning maps)</i>	<i>Significant Tree Common Name</i>	<i>Significant Tree Botanical Name</i>	<i>Address/Legal Description</i>	<i>R.N.Z.I.H Score</i>	<i>Category</i>
50.8	Sweetgum	Liquidamber styraciflua	Sexton Rd	576	2
50.9	English Beech	Fagus sylvatica	Sexton Rd	864	2
50.10	Dawn Redwood	Metasequoia glyptostroboides	Sexton Rd	576	2
T51 Map 11	Copper Beech	Fagus sylvatica 'Purpurea'	15 Brooklyn Rd, Lot 16 DP 26208	576	2
T52 Map 7		Stand	951-990 River Road		
52.1	Pin Oak	Quercus palustris	951 River Road, Lot 1 DPS 13322	1152	1
52.2	Black Walnut	Juglans nigra	953 River Road, Lot 1 DPS 24147	648	2
52.3	Sweet Spanish Chestnut	Castanea sativa	Road Reserve by 955 River Rd	576	2
52.4	English Oak	Quercus robur	Road Reserve by 967 River Rd	648	2
52.5	English Oak (x5)	Quercus robur	975 River Rd, Lot 8 DPS 25186	648	2
52.6	Tulip Poplar	Liriodendron tulipifera	975 River Rd, Lot 8 DPS 25186	486	2
52.7	London Plane	Platanus acerifolia	Road Reserve by 983 River Rd	648	2
52.8	London Plane	Platanus acerifolia	Road Reserve by 985 River Rd	648	2
52.9	London Plane	Platanus acerifolia	Road Reserve by 987 River Rd	648	2
T54 Map 16			Hamilton Gardens, Cobham Drive (indoor bowls lawns), Allotment 28 Town of Hamilton East		
54.1	Kauri	Agathis australis	Hamilton Gardens, Cobham Drive (indoor bowls lawns)	768	2
54.2	Rimu	Dacrydium cupressinum	Hamilton Gardens, Cobham Drive (indoor bowls lawns)	768	2
T55 Map 10	Tasmanian Blue Gum	Eucalyptus globulus	Road Reserve on cnr Aberdeen/Lachlan Drive (adjacent to 2 Lachlan Dr)	648	2
T56 Map 7	London Plane	Platanus acerifolia	Road reserve by 655 River Rd	648	2
T57 Map 12	Dawn Redwood	Metasequoia glyptostroboides	Pensioner Housing Units — Sullivan Cres/Peachgrove Rd, Lot 18 DPS 4558	648	2
T60 Map 11	Kauri	Agathis Australis	19 Darley Street, Lot 3 DPS 19479	768	2
T61 Map 11	Totara	Podocarpus totara	422 Tristram Street, Lot 18 DP 20707	576	2
T62	Kahikatea x69 Titoki x1	Dacrycarpus Dacrydioides Alectryon Excelsus	465 Tuhikaramea Road, Lot 1 DPS 88403	864	2
T63	Kahikatea x9	Dacrycarpus Dacrydioides	509 Tuhikaramea Road, Lot 1 DPS 88403	576	2
T64	Kahikatea x14 Titoki x4	Dacrycarpus Dacrydioides Alectryon Excelsus	465 Tuhikaramea Road, Lot 1 DPS 88403	1152	1

<i>ID# (as per planning maps)</i>	<i>Significant Tree Common Name</i>	<i>Significant Tree Botanical Name</i>	<i>Address/Legal Description</i>	<i>R.N.Z.I.H Score</i>	<i>Category</i>
T65	Bunya Pine	Araucaria Bidwillii	509 Tuhikaramea Road, Pt Allot 371, Tuhikaramea Parish	576	2

* When assessed as part of a stand these trees reach the required threshold.
X3 — three trees assessed as one canopy.

Appendix 2.2-II Significant Tree Assessment Valuation Method and Criteria

The RNZIH Standard Method of Evaluation

A standard evaluation method has been developed by the Royal New Zealand Institute of Horticulture (RNZIH) for the assessment of all trees proposed for inclusion in District Plans.

In this adapted form there are 13 categories from A to M. Each category asks specific questions of the assessor. Each category must be answered without reference to the other categories. Each category must be regarded as a specific question.

The categories are given ratings of 1 to 4. Each rating requires a clear decision. Any expansion of the rating values 1 to 4 leads to subjectivity and fractional differences of opinion. The following assessment must be used in the context of what is the value of that tree or group of trees to the local community. The scoring is carried out using the form shown in Appendix 2.2-III.

i) **Category A : Size of Tree**

The **height** and the **width** of the tree are measured and the tree is then assessed for **size**. This is done by taking the larger dimension i.e. height or width, and doubling. The lesser dimension is subsequently added. This figure will give the visual area of the tree.

Small	1-25	1 point
Medium	26-60	2 points
Large	61-86	3 points
Exceptional	86	4 points

The terrain may slope or be level without affecting the measurement method.

ii) **Category B : Importance of Position**

This category is used for assessing the trees' visual importance or proximity to the public. There is a need to recognise trees that are adjacent to well used footpaths or walkways in urban situations. For ease of definition the rating of this category is divided as follows (with vehicle counts for types of routes as a guide):

Minor Significance (local road or private garden) < 3000 vpd.	1 Point
Significant (collector road or footpath) 3000 — 10000 vpd.	2 Points
Very Significant (minor arterial route or suburban centre) 10,000-20,000 vpd.	3 Points
Major Significance (Major Arterial or City Centre) > 20,000 vpd.	4 Points

iii) **Category C : Presence of Other Trees**

This category evaluates the **proximity** of other trees in the area. The rating is as follows:

Forest or woodland park (e.g. Cornwall Park, Auckland)	1 Point
Group or small park (10+ trees)	2 Points
Small group (2-9 trees)	3 Points
Solitary specimen	4 Points

iv) **Category D : Occurrence of the Species**

Trees of importance in this category are assessed according to the frequency of the species in the local area. This category makes allowance for regional geographic differences such as the occurrence of the species for climatic reasons.

Common	1 Point
Infrequent	2 Points
Rare locally	3 Points
Rare regionally	4 Points

v) **Category E : Role in Location or Setting**

This category assesses the **visual and spatial quality** surrounding the trees i.e. the visual or spatial role of the tree in the setting. Does it contribute to the scene in a special way? Would the removal of the tree detract from the scene? Is the tree complementary to its surrounds? Is the tree an intentional part of a composition? The rating is as follows:

Minor significance	1 Point
Significant	2 Points
Very Significant	3 Points
Major Significance	4 Points

vi) **Category F : Useful Life Expectancy**

The **health** and condition of a tree are indicators in this category of life expectancy. Simply put — does the tree look healthy in foliage, branch or bark? Are there any bad cuts or wounds liable to infection or rot? This category is divided into human life span generations, in broad terms, for ease of reference. The question to be asked is whether the tree will be expected to be there for the next generation or generations to enjoy.

0 — 30 years	1 Point
30 — 60 years	2 Points
60 — 90 years	3 Points
90 + years	4 Points

vii) Category G : Form

This is assessed by observing the **appearance** of the tree. Is it a well shaped tree with a well balanced branch system? A sturdy well developed trunk is also visually important in the overall appearance of the tree.

Poor Form	1 Point
Fair Form	2 Points
Good Form	3 Points
Excellent Form	4 Points

viii) Category H : Scientific Value

This category is for trees that have interest due to a genetic purity lost in the countries of origin, their value as a source of propagation material, or their uniqueness as rare cultivar or forms of a species. Trees without great stature or even a common species could be of great scientific interest. Specialist knowledge is required for the scientific evaluation and should be fully documented.

Minor Significance	1 Point
Significant	2 Points
Very Significant	3 Points
Major Significance	4 Points

ix) Category I : Historic Value

This category is used for awarding trees their own particular historic distinctions. These include trees that have historic associations with early pioneers of historic events or places. It is important that trees in this category are given documented reasons for the evaluation.

Minor Significance	1 Point
Significant (locally)	2 Points
Very Significant	3 Points
Major Significance	4 Points

x) Category J : Cultural Value

Trees of spiritual, tribal, or other cultural values that are well documented or widely recognised. This category includes trees that are very large (notable) or very old for the species, but not recognised in Category 1 or commemorative trees without historic associations.

Minor significance	1 Point
Significant (locally)	2 Points
Very Significant (locally)	3 Points
Major Significance (locally nationally)	4 Points

xi) Category K : Functional Value(s)

This assesses the values of protection of soil by stabilisation, noise amelioration, shelter and shade, and fruit production, where these values are primary functions of the tree(s) in their location, i.e. the tree(s) are there for that reason.

Minor Significance	1 Point
Significant	2 Points
Very Significant	3 Points
Major Significance	4 Points

xii) Category L : Ecological Value

This is assessed as distinct from scientific and botanical value. It is related to habitat values for flora and fauna (particularly native) and is assessed on a stand basis so that single or isolated trees would score 1 in all cases. The species diversity of a stand is also important in this respect. Stands that serve as links between natural features and other larger stands can also be assessed here.

Minor Significance	1 Point
Significant	2 Points
Very Significant	3 Points
Major Significance	4 Points

xiii) Category M : Stand Landscape Value

This is assessed as distinct from individual trees, importance of position (B), visual roles (E), or form (F), so that individual or isolated trees would score 1 in all cases. The essential aspect here is the overall significance of the stand in its environment. Is it visually significant? Does it screen or buffer development? Does it contribute to the city-wide tree framework or Green Network?

Minor Significance	1 Point
Significant	2 Points
Very Significant	3 Points
Major Significance	4 Points

The Method of Finding the Score for the Evaluation

The rating figures for each category entered on the registration form are then multiplied category by category. $A \times B \times C \times D \times E \times F \times G \times H \times I \times J \times K \times L \times M = \text{Total points for the assessment}$. Please note that in whatever order the individual category scores is multiplied — the final score remains the same. This represents the sum of the evaluation for amenity purposes and clarification for listing.

For individual trees or groups of up to nine trees, the qualifying score should be the average of individual scores. For groups of ten or more trees, the qualifying score should be the **average** score for

the ten best typical trees of the group. (If required individual scores for other trees in the group could be assessed).

Thus for individual trees or groups of up to 9 trees, the score obtained shall achieve or exceed for:

- Category 1 — 1000 points
- Category 2 — 500 points
- For trees protected as a Condition of Consents — 250 points.

The Method of Applying a Monetary Value

A monetary value is obtained by multiplying the evaluation score by the unit value. A value of \$30 per unit has been adopted based on the 1998 cost of purchase and establishment of a tree scoring 1.

The value of an individual tree in a group or stand of more than ten trees shall be the unit value multiplied by the average score for ten typical trees as established in the registration procedure. The stand value will be the individual value multiplied by the number of trees.

Appendix 2.2-III Significant Tree Assessment Form District Plan & Tree Evaluation Form

Register No.:	Registration Category:
Site Address:	Map Ref:
Legal Description:	
Site Owner:	
Owner Address:	
Site Occupier:	
Registration Requested By:.....	Date (First Registered):
HCC Resolution:.....	File:
Tree Species:	Tree Evaluation Score:
Common Name:.....	Tree Monetary Value (\$30/unit):
Location On Site:	
Evaluating Officer:	Date:

Rating Categories	Points	1	2	3	4	Scores
A Size of tree 2 Height + Width (m)		Small 1-25	Medium 26-60	Large 61-85	Outstanding 86+	
	Points					
B Importance of position		Minor Significance	Significant	Very Significant	Major Significance	
	Points					
C Presence of other trees		Forest or wood- land park (many)	Group or park 10 + trees (some)	Small group 2-9 trees (few)	Solitary	
	Points					
D Occurrence of the species		Common	Infrequent (locally or regionally)	Rare (nationally)	Rare	
	Points					
E Role in location or setting, (Visual spatial composition in setting)		Minor Significance	Significant	Very Significant	Major Significance	
	Points					
F Useful life expectancy in years from now (vigour)		0-30	30-60	60-90	90+	
	Points					
G Form or shapeliness		Poor	Fair	Good	Excellent	
	Points					

Rating Categories	Points	1	2	3	4	Scores
H Scientific value		Minor Significance	Significant	Very Significant	Major Significance	
	Points					
I Historic value		Minor Significance	Significant	Very Significant (Regional)	Major Significance (National)	
	Points					
J Cultural value		Minor Significance	Significant	Very Significant	Major Significance	
	Points					
K Functional value		Minor Significance	Significant	Very Significant	Major Significance	
	Points					
L Ecological value		Minor Significance	Significant	Very Significant	Major Significance	
	Points					
M Stand landscape value		Minor Significance	Significant	Very Significant	Major Significance	
	Points					
TREE EVALUATION TOTAL						=