

Palmerston North City Council

Notable Tree Survey March and April 2011

| | | |
|---|---|-----------------------------------|
| hAddress | 313 Church Street | |
| Tree name | Rata (<i>Metrosideros robusta</i>) | |
| Location of the tree on the site | Alongside the office carpark; separated from the public car park by chain link fence. | |
| Owner's name | | |
| Date of Inspection | 29 March 2011 | Inspected by John Wakeling |

Dimensions

| | | |
|--------------|---|--------------|
| Height m: 10 | Girth @ 1.4m: at least 8 stems of 500mm | Spread m: 11 |
|--------------|---|--------------|

Condition Evaluation

| Points | 3 | 9 | 15 | 21 | 27 | Score |
|------------------------------|-------------|----------|------------|-------------|-----------|-------|
| Form | Poor | Moderate | Good | Very Good | Specimen | 21 |
| Occurrence | Predominant | Common | Infrequent | Rare | Very Rare | 15 |
| Vigour & Vitality | Poor | Some | Good | Very Good | Excellent | 21 |
| Function | Minor | Useful | Important | Significant | Major | 9 |
| Age (years) | 10+ | 20+ | 40+ | 80+ | 100+ | 15 |
| Stature (m) | 3-8m | 9 - 14m | 15 - 20m | 21 - 26 | 27+ | 9 |
| Subtotal | | | | | | 90 |

Amenity Evaluation

| Points | 3 | 9 | 15 | 21 | 27 | Score |
|-----------------------------|---------|-------------------------|---------------------------|---------------------------|--------------------------|-------|
| Public Accessibility | Private | Visible from Road | Front Yard | Semi Public | Public (free access) | 21 |
| Visibility | No view | Visible from local road | Visible from collector rd | Visible from principal rd | Visible from arterial rd | 21 |
| Proximity | Forest | Parkland | Group of 10+ | Group of 3+ | Solitary | 21 |
| Role | Minor | Moderate | Important | Significant | Major | 15 |
| Effect on Climate | Minor | Moderate | Important | Significant | Major | 9 |
| Subtotal | | | | | | 87 |

Notable Evaluation

| Recognition Points | 3 | 9 | 15 | 21 | 27 | Score |
|--------------------|-------|----------|----------|----------|---------------|-------|
| Stature | | | | | | |
| Feature | Local | District | Regional | National | International | |
| Form | Local | District | Regional | National | International | |
| Historic | | | | | | |
| Age 100+ | Local | District | Regional | National | International | |
| Association | Local | District | Regional | National | International | |
| Commemoration | Local | District | Regional | National | International | |
| Remnant | Local | District | Regional | National | International | |
| Relict | Local | District | Regional | National | International | |
| Scientific | | | | | | |
| Source | Local | District | Regional | National | International | |
| Rarity | Local | District | Regional | National | International | |
| Endangered | Local | District | Regional | National | International | |
| Subtotal | | | | | | 0 |

Total Points

177

Inspection Report

| | | | | | |
|-----------------------------|--|--------------------------|--------------------------|--------------------------|---|
| Requested for/by | Routine | Storm Damage | Owner | Developer | DP Review |
| Pruning History | Some crown lifting but no major work has ever been necessary | | | | |
| Built Environment | Small tight dev'pment | Standard suburban | Large house and grounds | Office and carparking | |
| Garden environment | Solo tree | Few trees | Many trees | Mainly exotic/native | |
| Local Environment | Few trees | Some trees | | Well treed neighbourhood | |
| Age Class | young | Semi mature | Mature | Post mature | |
| Special value | Horticultural | Landscape | Specimen | Historical | Botanical |
| Structural Character | Single leader | Double leader | Multi-stemmed | Included bark unions | Typical Atypical |
| Form | Refer to STEM scoresheet | | | | |
| Crown Shape | Typical | Atypical | Wide/spreading/low crown | Influenced by wind | Affected by other trees |
| Foliage Health | Good | Poor, if so, explain | | | |
| Limb Structure | Typical or sound | Atypical, if so, explain | | | |
| Trunk character | Typical multi stems – all appear to be stable at present – in a few years, the outer limbs will begin to slowly bend earthwards – attention to pruning procedures will be important. | | | | |
| Root Zone | Garden | Natural | Lawn/paddock | U/g services apparent? | Hard surface, if so, explain – carparking right up to the base. The roots have subverted the integrity of the tarseal |
| Comments | <p>The tree is accompanied by trees on the other side of the fence, making a little group divided by th fence. This group could become an interesting feature as the trees mature and their shapes develop. It will require cross boundary cooperation.</p> <p>It would be good to see a better treatment of the root growth zone, with a shrub bed and mulch.</p> | | | | |

Maintenance Required

| Category | Priority | Recommended Action | Timing (from April 2011) | Actioned | Completed |
|-------------------|---|--|--------------------------|----------|-----------|
| Amenity | routine | Lift lower parts of the crown as required | No more than 5 yearly | | |
| Health | Recommended | Remove carparks to the left and right of the base of the tree and install a slightly raised, mulched bed with native shrubs under. | asap | | |
| Safety | | | | | |
| Overhanging b'dry | Work towards integrating the management of group of trees, so that overhanging is not an issue. | | | | |

| | |
|---|--|
| Standard procedures | Deadwood – crown lift – reduced crown width – thin crown – height reduction (not rec'nded for notable trees) - other |
| Special Measures and recommendations | Mulch base – irrigate – improve drainage – underplant – cable brace - other |
| Timeline | Now - 5 years - 5 yearly - As required |

Changes noticed in last five years

Die-back/health – developments nearby – excavations nearby

Photographs.



Figure 1. the car parks either side of the will eventually have a n adverse effect on the health of the tree



Figure 2. the Rata and golden totara are growing well together at present – time and comparative growth rates will determine the success or otherwise of their juxtaposition.