

Manningham Heritage Garden & Significant Tree Study

Significant Tree Information Sheet

Tree Identification No.: 24

Botanical Name: *Quercus palustris*

Common Name: Pin Oak

Location: Outside 47 Boyd Street, Doncaster

| | | | |
|--------------|--|-------------|---|
| Private land | | Public land | X |
|--------------|--|-------------|---|

Melway Ref: 47D10

Setting/Position: Positioned in nature strip outside 47 Boyd Street, on a prominent corner.

No. of trees: 1

Height: 25m

Canopy Spread (m) E-W: 15m
N-S: 19m

DBH: 715mm

Approx. Age of Tree: 50-60 years (Mature)

TPZ: 7.4m **CRZ:** 3.0m

Category of Significance:



| | | | | | | | | | |
|---------------------|---|---------------------|---|-------------------|--|--------------------|--|----------------------------|---|
| Horticultural Value | | Location or context | X | Rare or localised | | Particularly old | | Outstanding size | X |
| Aesthetic value | X | Curious growth form | | Historic value | | Aboriginal culture | | Outstanding eg. of species | |

Level of Significance: Local

History: Original street tree planting from time of subdivision

Health:

| | | | | | |
|----------------|--|---------------------|---|---------------|--|
| Pests/Diseases | | Dead wood | X | Dieback | |
| Stunted growth | | Stress | | Rot | |
| Leaf necrosis | | Low foliage density | | Possum damage | |

Other/Notes: Tree appeared to be in good health at the time of inspection.

Health Rating: 2

Threats/Risks to Tree: Tree is susceptible to compaction, trunk damage from lawnmowers and root severance involved with development and service maintenance. Tree is also susceptible to power line clearing on eastern side of canopy.

Hazards/Risks:

| | | | |
|----------------------------|---|-------------------------------|---|
| Co-dominant branches | X | V-crotched | X |
| Irregular branch structure | | Low-hanging branches (unsafe) | |
| Diseased limbs | | Other | X |

Other/Notes: Tree is v-crotched and will eventually require cabling. A small wound exists at the base of the trunk on the tree's south-west side, and the tree is starting to lift the footpath on the northern side; although it has not cracked the concrete. The form of the tree is slightly irregular due to the v-crotched trunk, however it should be noted that there are no powerlines directly interfering with the growth of the canopy, allowing

good size and form to develop. Powerlines are present some distance to the trees east and have not impacted on initial form development, although they will prevent full expansion of the trees canopy in this direction.

Structure Rating: 4

Works Required & Priority: Canopy thin for aesthetic purposes and deadwood within the next six to twelve months.

Management Prescriptions: Assessments should be continued by a qualified arborist every twelve months, with work being carried out as required. The v-croched trunk should also be subject to regular inspections to determine when cabling is required. Eastern side of tree may need to be pruned by a qualified arborist to clear area around powerlines.

Existing Overlay Controls: No Overlays
Statement of Significance: The *Quercus palustris* located at Boyd Street, Doncaster is of local significance for being a good specimen located in a prominent position, being of good size, with high aesthetic value.

Overall Tree Rating: 4

Recorded by: Andrea Proctor

Date: 18-01-05

ID Confirmed: John Patrick